

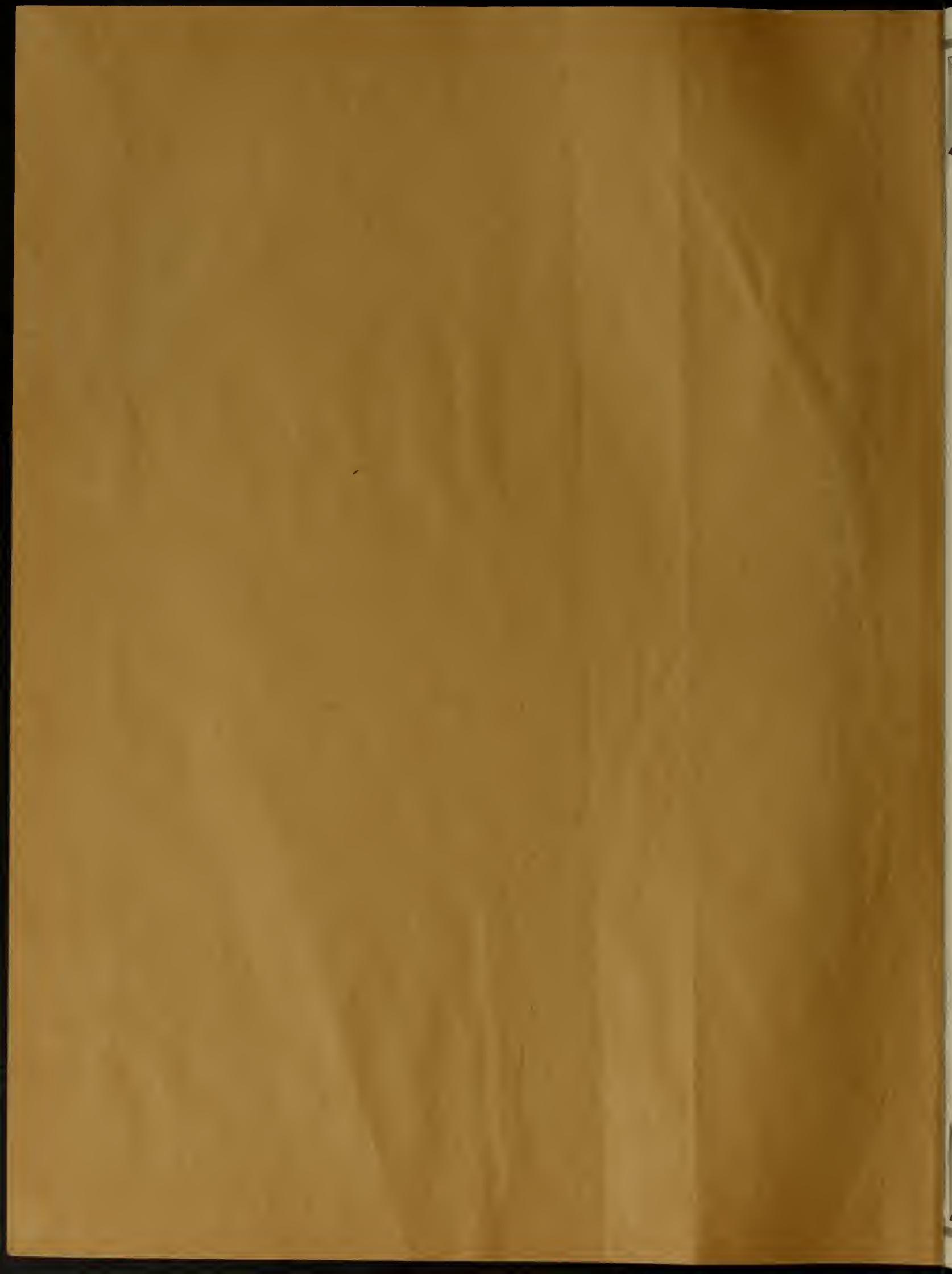
The
Whitinsville
Social
Library

*Edward
Whitin
Memorial
Bookplate*

H
051
WH1

25860

U 5-6





The
WHITIN
Spindle



Airplane View of Memorial Square

AUG. - SEPT.
1923
Vol. 5 No. 1



FIFTY YEAR SERVICE MEN OF THE WHITIN MACHINE WORKS

Front row, left to right: Richard Donovan, entered October, 1863; J. Howard Burbank, February, 1866; R. K. Brown, June, 1867; Frank Cross, June, 1866; James Rankin, June, 1868; Wm. J. Reilley, March, 1869; Robert Houston, June, 1869; Wm. Balmer, November, 1869.

Second row, left to right: Jeremiah Connors, June, 1871; Patrick Minnehan, November, 1869; Horace P. Whipple, March, 1870; Thomas Crompton, May, 1870; Hosea B. Kenney, June, 1870; William H. Aldrich, January, 1872; Albert H. Whipple, June, 1870; Benj. R. Graves, February, 1872; Levi Rasco, March, 1872.

Third row, left to right: Israel Goodness, April, 1872; James Kiernan, June, 1872; William Blair, June, 1872; Thomas Fox, February, 1873; Edward H. Hanny, March, 1873; John Rankin, April, 1873; Robert Brighty, May, 1873; Thomas Magill, May, 1873; Maurice Walsh, July, 1873.

Unable to be present: Edward Hall, June, 1868; Jeremiah Mack, July, 1872; Jesse Jeffers, July, 1873



Condensed Service Records of the Fifty Year Men

For the second time in the history of the Whitin Machine Works, the fifty year men were assembled for their photograph. The fifty year veterans consist of twenty-nine men, nineteen of whom are in active service. Two of our active service men were unable to be present for the photograph due to the vacation period, and one of the retired men was absent on account of illness.

These twenty-nine men represent the fellow workmen of the past who by years of faithful service helped make the Whitin Machine Works the successful organization it is today. The management and all the other members of the Whitin Machine Works extend their congratulations to them and wish them many years of health and happiness.

A brief summary of the service records of these fifty year men follows:

1. Richard Donovan, age 78. Entered the Whitin Machine Works in October, 1863, and served his apprenticeship in the foundry. Was a moulder for fifty years and for the past few years was employed as a core maker. He was retired in September, 1922.

2. J. Howard Burbank, age 71. Entered the Whitin Machine Works in February, 1866. He was made foreman of the Card Parts job in April, 1872, and served in that position for thirty-seven years. He was retired in March, 1917.

3. R. K. Brown, age 73. Entered the Whitin Machine Works in June, 1867; worked as a carpenter's helper for six months when an accident caused the loss of a thumb. Went to school for six months to learn book-keeping after which he became one of four members of the office force, where he has been employed since April, 1868.

4. Frank Cross, age 76. Entered the Whitin Machine Works in June, 1866, after serving in the Civil War. Began in carpenter shop where he

was employed for fifty-one years. In January, 1918, he was placed in charge of the night watchmen.

5. Edward Hall, age 79, who was absent at the time of the photograph on account of illness, entered the Whitin Machine Works in June 1868. Started in the blacksmith shop as a tool fixer and was retired from that position about a year ago.

6. James Rankin, age 70. Entered the Whitin Machine Works in June, 1868. In 1859 he was employed in the mule room of the old Paul Whitin & Sons Cotton Mill, where the power house now stands. Started to work in the Whitin Machine Works on the Ring job, and has worked on looms, spinning, repairs, metal patterns, pickers, railway heads, drawing, cards, chucking, cylinders, looms, and on spinning department, from which place he was retired in June, 1923.

7. W. J. Reilley, age 61. Entered the Whitin Machine Works in March, 1869. Worked early in the morning and late afternoons as schoolboy pegging cylinders. Worked on roll job, ring job, repair job, card parts, and is now a member of the spooler job.

8. Robert Houston, age 72. Entered the Whitin Machine Works in June, 1869. First started in blacksmith shop, then transferred to foundry as a moulder. At present employed in core room.

9. William Balmer, age 71. Entered Whitin Machine Works in November, 1869. Was a member of the Paul Whitin & Sons Cotton Mill in 1860. Started in the foundry as an apprentice and was retired in July, 1923.

10. Jeremiah Connors, age 67. Entered the Whitin Machine Works in June, 1871, as an apprentice. Worked on rings, cards, pickers, spinning, looms, railway heads, spoolers, repairs, and is now employed on cylinders. He has an unusual record of having six sons working in the shop.

11. Patrick Minnehan, age 70. Entered the Whitin Machine Works in November, 1869. Started work on

bolt job, then served his time. Has been employed on the cylinder job, spinning job and practically all jobs in the shop. For thirty-four years he has been a member of the card job.

12. Horace P. Whipple, age 67. Entered Whitin Machine Works in March, 1870. Served his time in the carpenter shop. Has been a wood pattern maker for forty years.

13. Thomas Crompton, age 74. Entered the Whitin Machine Works in May, 1870. Walked to Whitinsville from Philadelphia for his first job here. Started on looms and later was on cards, spinning erecting, and was foreman of latter department from 1898 to 1916 when he retired.

14. Hosea B. Kenney, age 70. Entered the Whitin Machine Works in June, 1870. Worked on rings, looms, railway heads and tools, and is now a member of the comber parts job.

15. William H. Aldrich, age 77. Entered the Whitin Machine Works in January, 1872. Entered carpenter shop and served in most of the departments until date of retirement in October, 1920. He is a veteran of the Civil War.

16. Albert H. Whipple, age 69. Entered Whitin Machine Works in June, 1870. Served his time as an apprentice and worked on tools and as a planer hand. Foreman of the tool job from 1885 to 1897 and superintendent of the Whitin Machine Works from 1897 to date.

17. Benj. R. Graves, age 70. Entered Whitin Machine Works in February, 1872, as an apprentice. Worked on card parts, cylinders, planers, railway heads, and was assistant foreman of the card job. Foreman of the picker job in 1879. Has built pickers, combers, ribbon and sliver lap machines, traverse grinding, card rolls, long grinding card rolls and card traverse grinders. Foreman of the comber parts job until the fall of 1921 when he retired on account of ill health.

18. Levi Rasco, age 75. Entered the Whitin Machine Works in March, 1872, and was employed on the tin

Supply Office

The supply room of an industry the size of the Whitin Machine Works must necessarily be a busy place. Our Supply Department is no exception to this statement. In an interview with Mr. Newell W. Wood, who has charge of this work, he stated that their purchase record cards showed a list of 6,000 items, and that they received on the average 1,200 orders per month for material which is purchased over the counter. They also handle all the inside telephone calls, and just for a little extra work take orders for kindling wood which is distributed systematically among 900 families in Whitinsville.

The history of the machine shop covers a period of almost one hundred years. In tracing the history of the Supply Room we find that this department had its beginning in the timekeeper's office. Before 1860, when the shop was known as Paul Whitin & Sons, Manufacturers of Textile Machinery, Alton B. Cleveland had a small office which was located about twenty feet southwest of the present entrance to the Supply Room, and at the corner of the passageway on the Spinning Erecting Floor. This office was recently moved with the inside paint job, and is now occupied by Ernest C. Smith.

Mr. Cleveland figured the time for all the shop except the foundry and the yard. He was a distinct character and always wore a tall silk hat while at work.



E. W. Wood
Former head of the Supply Office



SUPPLY OFFICE FORCE

Front row, left to right: Leroy Allard, Thomas Hamilton, John Dannehy, Nellie Vail, Edward Brennan, Newell W. Wood. Back row: Shelly Jollimore, John Connors, Irving Dalton, Everett Johnston, Frank Mateer, Henry Dolliver

About 1867, the timekeeper's office was moved to the northern part of No. 2 Office. With the opening of the new office a few supplies were carried as a convenience to the workers, and because of its central location.

Edw. W. Wood, father of Newell Wood, started as an assistant to Mr. Cleveland in 1867. E. W. Wood took charge of the department on the death of Mr. Cleveland.

In the fall of 1895, Mr. N. W. Wood entered the shop as an assistant to his father and was placed in charge in March, 1897, at the time of his father's death.

In 1903, the department was moved to its present location. It has grown steadily during the past twenty years, and is now a department consisting of twelve members. Thomas Hamilton, the assistant in charge, started in 1906 and was the first telephone boy of the shop. He operated the first switchboard which was installed to take the place of the old dial system. There were then fifty lines. The switchboard has now been increased to take care of 100 lines.

A perpetual inventory is kept of all supplies, by which it is possible to tell at all times the amount of supplies on hand. In addition to keeping small supplies for the Machine Shop, the Supply Room also has in stock the majority of the electrical and plumbing supplies.

The number of telephone calls handled by the switchboard on Tuesday, September 18, a record of which was kept as a matter of interest for this article in the "Spindle," was 1,027. Connected with the telephone switchboard, the operator also has control over the autocall and the shop fire alarm system. The fire alarm, as it is today, was recently installed. When a signal is flashed from one of the fire boxes in town, the number is rung in the Supply Room and the telephone operator breaks the glass of the fire alarm box at his desk, which rings the signal on the autocall in the shop for the firemen to assemble for duty.

Among the members of the shop who formerly worked in the Supply Department, are E. J. Driscoll of the Cashier Department, Irwin Hanny of the Pay Roll Department, Thomas Driscoll of No. 2 Office, Harold Johnston of the Main Office and Charles Mateer of the tool job.

In a very general manner the duties of the Supply Office force can be visualized by the following classification: Newell W. Wood, supply manager; Thomas Hamilton, assistant supply manager; Everett Johnston, general assistant; John Connors, stenographer; Henry Dolliver, billing clerk; Shelly Jollimore, counterman; Edward Brennan, clerk; Irving Dalton, telephone operator; Leroy Allard, clerk; Nellie Vail, stenographer and

purchase records clerk; Frank Ma-teer, electrical stock clerk; John Dannehy, utility.

The service record of the depart-ment is as follows:

	IN SHOP		IN OFFICE	
	YRS.	MOS.	YRS.	MOS.
Newell W. Wood	28	0	28	0
John Dannehy	23	11	16	0
Thomas Hamilton	16	10	16	10
Francis Mateer	15	4	5	0
John Connors	5	10	5	10
Irving Dalton	5	10	5	4
Everett Johnston	5	9	5	9
Henry Dolliver	4	4	4	4
Shelly Jollimore	4	0	3	6
Nellie Vail	3	3	3	3
Edward Brennan	3	3	3	3
Leroy Allard	(5 summers) 0		3	3

Fifty Year Service Records

Continued from page 3, column 3

job, in which department he always worked. He was foreman of this department for the majority of the years of his service and was retired in November, 1922.

19. Israel Goodness, age 72. En-tered the Whitin Machine Works in April, 1872. Was a member of the outside paint job, inside paint job, spindle job and 18 years on the drawing job. An accident which occurred thirty years ago was the direct result of his retiring in April, 1922.

20. James Kiernan, age 72. Has been a moulder in the foundry for over fifty-one years, and completes in all a record of over fifty-five years of moulding. Until recently, when it was thought best to be a bit cautious, he worked only on piece work in the Whitin Machine Works. To celebrate, he poured sixteen ladles of iron on the day he became a fifty-year veteran.

21. Wm. G. Blair, age 70. En-tered the Whitin Machine Works as an apprentice in June, 1872. He has worked on rolls, inside paint-job, looms, cards, tools and was made foreman of the planer job in April, 1888, which position he now holds.

22. Jeremiah Mack, age 62. En-tered the Whitin Machine Works in July, 1872, at the age of eleven. Was employed on the bolt job. Later he worked on rings, bolsters, card parts, drawing, rolls, lickerin rolls, doffers and cards. In 1908 he was trans-ferred to the outside yard where he has been employed ever since. Mr.

Mack was away from home at the time this photograph was taken. 23. Thomas Fox, age 67. En-tered the Whitin Machine Works about February, 1873, starting on the drawing job. He later worked on cards, bolsters, pickers, and in 1890 was placed on the spinning job where he has been for the past 33 years. Mr. Fox was presented his fifty-year pin in July of this year but he is now of the impression that it was in the early months of 1873 when he started to work.

24. Edward H. Hanny, age 67. Entered the Whitin Machine Works in March, 1873. Started to work on the spinning roll job and from there was transferred to the spinning job and later the loom job. In 1887 he was appointed foreman of the milling job, a position he still holds.

25. John Rankin, age 65. En-tered the shop in April, 1873. Worked on roll job, milling job, spinning job, loom job, tool job and flyer job. Most of his time has been spent on the spinning job, where he is now located.

26. Robert Brighty, age 76. En-tered the Whitin Machine Works in 1873. He was first employed on the loom job, later on the cylinder job, card job, ring job, bolt job and spooler job. He was retired in May, 1922.

27. Thomas Magill, age 69. En-tered the Whitin Machine Works in May, 1873, starting on the spinning job. He has been connected with this department throughout his entire service. Thirty-five of his fifty years' service was spent erecting machinery on the road.

28. Jesse Jeffers, age 75. En-tered the Whitin Machine Works in July, 1873. He started on the card job and two years later was trans-ferred to the spinning job, in which department he has worked since. He was for twenty-six years on the road setting up machinery. Twenty-two years ago he returned to the shop and was placed in charge of building quillers in the spinning department, and has had charge of their construc-tion since that time.

29. Maurice Walsh, age 70. En-tered the Whitin Machine Works in July, 1873. He started on the planer

job and was transferred from there to the blacksmith shop, later enter-ing the foundry as an apprentice. In 1915 Mr. Walsh retired from mould-ing and has since that time been employed in the core room.



Photo taken in Italian Cotton Mill
Wm. Ferguson at Extreme Right

We have received two letters from the Boston Office of the American Textile Machinery Corporation concern-ing the above photograph. We believe these letters will be of interest to the readers of the "Spindle" in their full detail. To those who are not acquainted with William Ferguson, we offer the explanation that he is one of our roadmen and is erecting textile machinery in Italy.

July 17, 1923

Editor, "The Whitin Spindle,"
Whitin Machine Works,
Whitinsville, Mass.

Dear Sir:

We enclose herewith a photograph sent to us by Mr. Gangitano, of Mr. Ferguson, Mr. Rolls, Manager of the Guidotti & Pariani mill, and Mr. Sibilla, of Mr. Alber-zoni's office. You will no doubt be interested in having this photograph and in noting Mr. Gangitano's comments on Mr. Fergu-son's state of health!

Very truly yours,
AM. TEXTILE MACHINERY CORPORATION,
Harold B. Hoskins.

Milan, June 23, 1923
SG/2-2/139

American Textile Machiner: Corporation,
24 Federal Street,
Boston 9, Mass.

Attention of Mr. H. B. Hoskins

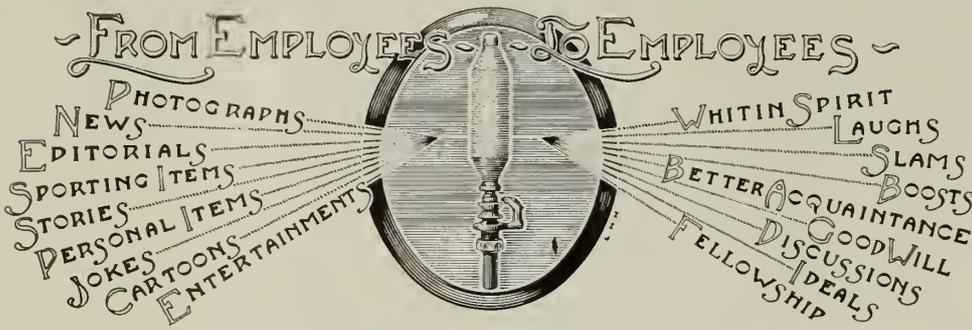
Dear Sirs:

I beg to enclose you herewith photographs which have been taken at the Guidotti & Pariani's mill during the erection of the 2 Whitin Machine Works' ring frames and which show, by Mr. Ferguson's satisfactory appearance, that he is not the worse for his stay in Europe!

The elder gentleman is Mr. Rolla, the mill's Manager, and the other is Mr. Sibilla of our office.

I am sending you two exemplaries of this photograph in order that you may turn one over to the Whitin Machine Works for the publication in the "Spindle."

Very truly yours.



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonists

L. G. Lavallée Robert Hargreaves
John Minshul

Illustrator, L. H. Horner

Member of Industrial Editors Association of
New England

Money Talks!

(Don't let it say "Good-bye.")

Since the writing of the editorial "Before you invest—Investigate," which appeared in the June issue of the "Spindle," we have had several requests for information concerning certain stock companies in which some of our workmen have invested their savings. We learned from the Boston Better Business Commission that one company in which several employees have invested money is of a "highly speculative nature," a startling revelation to those who had been so readily assured of the soundness of their investment. While, of course, there is a chance that an investment in this particular company will bring returns in due time, at present such a thing is only a possibility.

Two other of our employees, who some time ago bought ten shares of stock in a certain oil company for \$5 a share, have received word that their company has been taken over by a new company, and that the ten shares which they hold in the old company are now worthless unless they are willing to exchange them for *one share worth only \$5* in the new organization.

If you have a couple of hundred dollars you don't know what to do with, why not distribute it among your friends? Why give it to some strange agent who has no intention of

ever seeing you again if he can help it?

The Whitin Machine Works Service Department is anxious to protect its employees against these stock selling sharks, but they can do nothing without your co-operation. Don't put your money into any kind of an enterprise until you find out just exactly what kind of an organization it is. We are able and more than glad to get this information for you. All that you have to do is to call on us.

A Short Story

It is but natural that people become discontented at times and want to change their place of employment, especially in the spring. We never seem to get away from the thought that the grass in some other field is just a little greener than it is at home. It might be, however, that if we were able to view our own blessings through the eyes of a stranger, we would be like the farmer who, having reached middle age, and having acquired an ordinary farm of about forty acres, decided to sell the farm and move into town where he could work and put out the proceeds from the farm at interest. A real estate dealer was called in and asked to sell the place for him. He looked the place over and the following Sunday inserted an ad in the local paper.

The farmer saw the ad, and not recognizing the place described as his own, telephoned the real estate man and told him that as soon as he had disposed of his own farm, he wanted to buy the farm advertised. The real estate man, on recovering from the shock, told the farmer that the farm advertised was his own. It was the farmer's turn to be surprised. He said if the real estate man would come

out the next day he would settle with him for his trouble; that if the place was as good as the ad said it was, he guessed he did not want to sell.

And so it is with our jobs—if a really good advertising writer were to write up all the good things about the places we fill, and run them in our local papers, half of us would be trying to get the very job that we are thinking about leaving every day.

The President's Job

I wonder if we appreciate the great task that confronts the President of this great republic when he is called upon to guide the affairs of the nation. When we speak of "Big Business," instinctively our minds go out to Standard Oil, U. S. Steel, the great railroad systems, General Electric Co., etc., but in comparison with the great business interests of our government they are only pigmies. They deal in MILLIONS, while our nation deals in BILLIONS.

To quote from Gen. Lord, U. S. Budget Commissioner, "the Departments are called upon to pay interest upon the government debt; provide sinking funds to pay the debt; settle claims; hire help; buy supplies and equipment from tacks to war ships, drugs; dirigibles; buy railroad tickets; rent buildings; manage hospitals, hotels, prisons, soldiers' homes, steamships, experimental farms, and national parks; dredge rivers and harbors; encourage irrigation; control immigration; conduct relief work; develop commerce; regulate railroads; conserve public health and welfare of labor; issue patents; pay pensions, bonuses and insurance; provide vocational education for veterans; care for Indians; build roads; erect monuments; finance corporations, railroads and farm-loan banks; pay legislators; administer justice through the courts; enforce laws; preserve national forests and parks; pay for fighting Warble fly, sheep ticks, boll-weevil and other pests; maintain the Army and Navy; maintain and operate a great printing establishment; conduct the Post Office, the largest communication system in the world, and to do the thousand and one other things actually necessary to carry on this great organization doing business

under the firm name of the United States of America, and every department responsible to the Superintendent, The President."

Is it any wonder that our Presidents break under this tremendous strain? Harding, dead; Wilson, stricken and decrepit; and only Taft, of our living Presidents, able to "carry on."

Say, men! I think that hereafter we must have a little more consideration for our Chief Executive, no matter to which party he belongs. And when our letters are miscarried, our coal is short or anything goes wrong, we won't blame it *all* on the President.

—E. S. RYDER,
The Harder Co-Worker.

Interesting Facts About Cotton

So far, in this series, we have attempted to show how the early inventions of textile machinery furnished the main stimulating factor in the inventive forces which later produced the steam engine, and the subsequent development of the great iron, coal and steel industries of the world. The story of the rise of the enormous modern factories with their attending changes in the lives of the people is only just beginning to find its proper place on the pages of the history of the world.

THE RISE OF THE FACTORY SYSTEM

Imagine the world today with no factories, and we would find what we are pleased to term "civilization" set back at least 200 years. At the beginning of the 19th Century people lived almost the same as they had been living for thousands of years. Most of them made their living by agriculture by long, hard work, using implements which had not been changed or improved upon for centuries. Their homes were ill-heated and poorly ventilated. Their water was obtained from springs or pumps. Their diet was monotonous and meager. Preservation of food by means of refrigerating processes was unknown to them, and their ever spoiling victuals were consumed only with the aid of heavy spices. Plagues and pestilences ran rampant through their filthy communities, unhampered

and unchecked by any medical or sanitary knowledge. Lamps or candles were rare luxuries, and danger lurked in every corner of their dark and gloomy streets. They travelled either on foot or in stage coaches, and trips today taking from three to four hours by train, in those days covered a period of weeks.

There were, of course, a few elegant households in which life was relatively comfortable, but these were few and far between. The mass of people, for the most part, lived lives of endless toil from which death alone could take them.

Under the old system of industry, manufacturing was carried on mostly in the houses of the workmen themselves. There the man of the house made his shoes, wove his cloth, or worked with his leather or iron, assisted by his wife and children and his apprentices. Most of this work was done by hand or with small and simple machines. Soon, however, we see small factories springing up here and there, and gradually the old domestic system was superseded by these factories against which it was impossible for individual workmen to compete.

Being thus deprived of their living, mobs of these workmen sometimes broke into the factories and smashed the new machines or tried to prevent others from using them. The law, of course, soon put an end to this practice, and gradually these people gave up their efforts and went to work themselves in the factories.

Formerly life had been hard enough and living very meager, but many of the workers had been their own masters. Now they worked very largely at the mercy of employers who owned the indispensable machines, whose principal consideration was too often the acquisition of wealth and too seldom the welfare of their employees. Many people spent their lives working in factories, living in narrow streets, blackened and soiled with smoke from the great chimneys. Women, and even children, went to work in these places and labored under the most frightful conditions imaginable. There was wretched over-crowding with much dirt and unhappiness and disease.

In the beginning, the industrial revolution brought as much misery as benefit to the workers, but, notwithstanding the many evils that grew up along with the factory system, its introduction marks the first real beginning of the emancipation of the laboring masses from the intolerable existence which they had hitherto been compelled to lead.

The continuance of these conditions was due almost entirely to a more or less general adherence to the *laissez faire* (let them alone) doctrine which prohibited government interference in the management of the new factories. The results were inevitable. Soon the sturdy agricultural population of England, particularly, began to degenerate into poor, ill-nourished, over-worked men, women, and children, pale and weak and disheartened. So the government stepped in and passed laws limiting the hours of labor for women and children, specified the age under which children might not be employed, and a little later, permitted working men to combine in unions for their own advantage and protection.

A Record of the Number of Shop Telephone Calls on Tuesday, September 18

7 to 8.....	96
8 to 9.....	98
9 to 10.....	116
10 to 11.....	108
11 to 12.....	94
1 to 2.....	144
2 to 3.....	124
3 to 4.....	156
(Beat former record by 2.)	
4 to 5.....	91

Total.....1027

The Autocall was used 9 times during the day.

Henry J. Bouvier, time clerk on the bolster job, was married to Miss Marjorie C. Owen of Woonsocket, R. I., on Wednesday, September 12. After a two weeks' honeymoon spent in New York, Washington, and Virginia, they are making their home in Whitinsville at 11 Oak Street.



WHITIN MACHINE WORKS BASEBALL TEAM
(Champions of Industrial Triangle League)

Front row, left to right: William Denoncourt, ss.; Thomas O'Neil, 3b.; Anthony Campo, p.; John Steele, p.; Charles McKinnon, c.; William Cooney, 3b.; James Hayes, mascot.
Back row, left to right: Harry Kiernan, cf. and coach; Irving Dalton, manager; Frank Leonard, 1b.; Chris McGuire, 2b.; Frank White, c.; George Hartley, lf.; Richard Malgren, rf.; William Murray, p.

Shop Wins Championship of Industrial Triangle League

The Whitin Machine Works Baseball Team won the championship of the Industrial Triangle League with a lead of over three games over their nearest opponents, the American Optical Co., and the Hamilton Woolen Co., of Southbridge. The final standing of the three leading teams were: Whitins won 14, lost 4; Hamilton Woolen Co. and American Optical Co. won 10, lost 7 each. The team won every one of its home games and lost three of the games away from home by one run, losing out twice in the ninth inning.

Without exception, this has been the most successful season the shop team has had, and a great deal of credit should be extended to the players for the harmonious way in which they played together, and for the interest and hard work they put into the practices during the week. Considerable credit is due to the coach and center fielder, Harry Kiernan, for the fighting spirit shown by the team, which, in many cases, came up from behind and won games. And



Harry Kiernan

in no instance did we know them to show discouragement regardless of how the breaks were going against them. The last game, played against the Millstones of Worcester, was only one example of this fighting spirit. In the last inning, with the score 7 to 4 against them and with one out, they scored four runs, consisting of two home runs and two singles, by sheer determination and great hitting. In two games in succession they piled up as many as eight runs in one inning, coming up from behind in both cases.

The attendance this season has been exceptionally good, and especially has the interest of the fans been shown in the out-of-town games. More than 300 attended the contest between the Draper Corporation and the Whitin Machine Works at Hopedale, and about 200 of the fans were present at the last game of the season against the American Optical Co., at Southbridge, and helped the players win the game by the score of 12 to 8.

The players, at the close of the season, put on their annual carnival, which was held on September 6, 7 and 8, on Vail Field. Besides the Midway, an outdoor dance was well attended. The platform was erected by the players under the supervision of Jack Shaw of the Carpenter Shop.

At the close of the season, sweaters were presented to the players in recognition of their winning the championship, and a banquet was

held on Thursday evening, September 27, at the Uxbridge Inn. An account of the banquet will appear in next month's "Spindle," as it was too late for this month.

BATTING AVERAGES

	AB	R	H	C
John Leonard	5	2	4	.800
Mesrop Saragian	4	0	3	.750
John Steele	15	5	6	.400
Harry Kiernan	72	25	27	.375
George Hartley	53	16	19	.358
Wm. Denoncourt	68	14	23	.338
Richard Malgren	69	9	22	.318
William Cooney	16	9	5	.312
Frank Leonard	80	22	25	.312
Chris. McGuire	77	16	24	.312
Chas. McKinnon	69	10	18	.261
Thos. O'Neil	40	6	8	.200
Wm. Murray	53	6	3	.057
Anthony Campo	3	0	0	.000

Soccer Football Club Opens Season

The Soccer Football Club, consisting of members of the Whitin Machine Works, has entered the Industrial Triangle League for the fourth season. At this writing they have already played the American Optical Co. in a practice game on the Linwood Avenue Grounds, defeating their opponents 6 to 2. They have held the championship of the league for the past two years, and have the same team on the field this year with one or two exceptions. The season opened on Saturday, September 22, against the Draper Corporation at Hopedale. The members of the team are as follows:

Manager, Edward Nuttall; secretary, David Blakeley; treasurer, Abraham Lightbown; William Wilson, g; Robert McFarland, rfb; Robert Holmes, lfb; James Ashworth, rhb; Fred Cowburn, chb; James Scott, lhb; Daniel Gonlag, or; John Duffy, ir; Edward Nuttall, c; William Ratcliffe, il; and Harry Jackson, ol.

On Saturday afternoon, August 25, the United Men's Clubs of the Protestant Churches of Uxbridge held a picnic at Purgatory. It is reported that they had a devilish time.

Tom Rogers, one of the steam fitters is planning to set up a stand on Plummer's Road and sell hot dogs, potato chips, and nail files.

By the Associated Press.

Foundry Wins Out in Sunset League

The Sunset League closed its season on August 27 when the Yard defeated the Pickers 10 to 5. The close of the season this year was not as spectacular as that of last year when the last game determined the championship. The Foundry started the season with a strong team and kept its lead throughout. In winning the championship the Foundry used but eleven men, and, in fact, it was almost impossible for them to put on a game when two or three of the regular players were unable to be there. This was due entirely to the fact that the players in the Foundry were scarce but of exceptional caliber.

The team was very well balanced. Jones, the veteran pitcher, showed exceptional control throughout the season, and now leads the pitchers in games won and lost for the season, and for all seasons since the league started.

This year completed the fifth season of the Sunset League and is the first championship won by the Foundry. The champions of the past seasons were the Pickers, Spinning, Pickers, Yard and Foundry. The Yard and Pickers were within one game of each other and were always dangerous teams to oppose. The Spinning team had its hardest season, but credit must be given to this aggregation of players for their willingness to play the schedule through.

We wish at this time to thank the managers and captains for the many hours of labor and uncertainty in getting their players together, and in keeping the organization going. The fans of Whitinsville have been able to enjoy many evenings of fine sport due to the players' willingness not only to have a good time themselves, but to make life more interesting in the village.

The champions and also the leading batter of the league were presented with sweaters at the end of the season.



CHAMPIONS OF THE SUNSET LEAGUE

Front row, left to right: M. Saragian, Denoncourt, Wallace, Steele, P. Saragian. Back row: Jones, J. Leonard, Hartley, Britton, Veau, Keeler

The batting averages and league standing are as follows:

BATTING AVERAGES

	AB	R	H	%
Kane	9	3	5	.611
Malgren	37	10	22	.594
Allard	7	2	4	.571
Donovan	13	5	7	.538
Melia	23	9	11	.478
O'Brien	11	2	5	.454
Leonard, J.	24	8	10	.417
Hartley	23	11	9	.391
McGuire, F.	13	6	5	.384
Britton	16	6	6	.375
Jackman	8	1	3	.375
Veau	24	8	9	.375
Hall	19	2	7	.368
Finney	14	4	5	.357
Steele	28	7	10	.356
Keeler	34	6	12	.353
Nash	23	6	8	.347
Jones	29	11	10	.345
Denoncourt	38	17	13	.342
Leonard, F.	27	4	9	.333
Saragian, M.	27	9	9	.333
Wallace	12	4	4	.333
Campo	31	5	10	.323
McGowan	26	2	8	.307
Brennan	13	3	4	.306
Ashworth	33	12	10	.303
Benoit	20	4	6	.300
Corron	35	8	10	.286
Closson	7	2	2	.285
O'Neil	18	7	5	.278
Simmons	22	3	6	.273
Fowler	11	1	3	.273
Herberts	19	2	5	.263
Hill	8	0	2	.250
Murray	17	3	4	.235
Buma	22	1	5	.227
White	32	6	7	.215
McGuire, C.	17	1	3	.176
Sullivan	12	2	2	.167
Saragian, P.	26	5	5	.166
Clark	14	0	1	.071

LEAGUE STANDING

	W	L	%
Foundry	11	1	.917
Yard	7	5	.583
Pickers	6	6	.500
Spinning	3	9	.250

Tool Job Has Close Shave

The Blacksmith Shop scribe sent in the following report of one of their baseball games in which they trailed the Tool Job by the close score of 36 to 16.

There was so much baseball in this one evening's game that we haven't heard of this organization taking the field since. The lineup was composed of Blaine ss., Long 1b., Thorngren 3b., Morey cf., Houghton 2b., Cooney c., Magill lf., Stevens rf., Lunney p. Thorngren was the star man of the Blacksmith Shop, and, without doubt, if the umpire had not favored the Tool Job on one or two decisions the score might have been 36 to 18. One of the members of the Blacksmith Shop suggests that it takes the blacksmiths to "rough 'em up," but the Tool Job "finishes them."

1st Stude: "That millionaire driving by is to build a new home which will cost \$1,500,000.00."

2nd Stude: "Huh, must include the plumbing."

—Washington and Lee Mink.

Mechanic: "Yer car needs gas, mister."

Fliv Owner: "That car had five gallons of gas day before yesterday and that's every blame drop it's going to get till tomorrow."

Webster Has Capable "Ump"

William Montgomery is Popular with Fans

(From the Worcester Sunday Telegram)



William Montgomery

WEBSTER, Aug. 4.—William A. Montgomery, of Whitinsville, or "Monty," as he is known in Webster, does much to make baseball interesting to people of the town who attend Triangular League games at Slater Field. "Monty" adds pep to every game, the fans say, and no matter how poorly the teams are playing there is usually action when he is behind the plate.

Monty rides the crowds, erring players, and grins when they ride him but is strict in his rulings. The announcement of a game here always brings out the question "Is 'Monty' going to umpire?"

Umpires can add zest to a game as Montgomery has proven, and every little movement of his has a meaning that five years of umpiring on this circuit have made familiar to Webster fans.

His appearance speeds up the game. He has done much to speed up the playing in his league, and is given credit for doing so by those who really understand the game and like action. While not a citizen of the town, he is perhaps one of the best known men connected with baseball in it, and is always a popular figure on the diamond.

Shelly Jollimore and his wife spent their vacation with relatives at Ludlow, Vermont. Being close to Plymouth Notch, the home of President Coolidge's father, they drove over to take some pictures of the house. As luck would have it, Mr. John Coolidge, the President's father, happened to be outside and consented to pose for the above snapshot. It was at the homestead in this picture where Mr. Coolidge swore in his son as President of the United States.

Mr. and Mrs. Jollimore, who were accompanied by Mrs. E. H. Thomas, Mrs. Jollimore's mother, found the President's father very courteous and obliging. Mr. Coolidge invited the party in, showed them the room in which the oath was taken, the pen with which Calvin signed his name, and then spent more than half an hour telling them the history of the family.

Pretty special, Shelly. Not many of us can boast of a cordial reception by such a distinguished family.



Mrs. E. H. Thomas, Mr. John Coolidge, Mr. Shelly Jollimore

Well Trained

Old Gentleman: "I noticed you got up and gave that lady your seat in the street car."

Archie: "Since childhood I have respected a woman with a strap in her hand."

She: Isn't this one of the oldest golf courses in this country?

He: What makes you think so?

She: I just heard a man say he went around in 79.

—Punch Bowl.

S'Language

Tom: "'S'neagle."

Dick: "'S' not n'eagle. 'S'nowl."

Harry: "'S'neither, 'S'nostrich."



Sunset League Umpires
Thomas Roche, Patrick Duggan

Those connected with the Sunset League of the Whitin Machine Works wish to extend their thanks to Patrick Duggan and Thomas Roche, umpires in the league. This makes the second season for Mr. Duggan and the first season for Mr. Roche. There has been much good and much adverse criticism passed among the players concerning their duties, but we have yet to hear of any umpire who has handled many games who has had smooth sailing. Appreciation has been expressed by many members of the league regarding the willing spirit in which these two umpires have worked. They have handled all the games, and when it was impossible for one to fill the assignment, they have always made arrangements between themselves to make it possible for the league to carry on.

Competition in the poultry business is getting rather keen. Shortly after Edward Jacobson, of the Tin Shop, had brought in an egg which measured $27\frac{7}{8}$ " long and $6\frac{1}{4}$ " in diameter, laid by a Rhode Island Red, Peter Vandersluis, of the screw job, brought in an egg which measured $31\frac{3}{8}$ " long, $21\frac{1}{4}$ " wide, $7\frac{3}{4}$ " short circumference, and $9\frac{3}{8}$ " long circumference.

The "Spindle" sincerely sympathizes with William A. Montgomery in the death of his mother on Sunday, September 22.

Long Service Series

Forty years ago, on the 16th of August, 1883, Timothy Regan, an employee of the Whitin Machine Works, brought his brother John J. Regan to Whitinsville from Providence. John first went to work as a helper, building looms for Joshua Dale. He worked at this for about twenty-three years and then took up his duties as a watchman, in which capacity he is still serving.

During the month of August he was presented with a Forty-Year-Service Pin which he is now wearing along with that million-dollar smile of his. If you don't know who he is and you'd like to meet him, start a little wrestling match with one of your bench-mates out in the gangway sometime. Pretty soon he'll come along and talk to you as though he had known you all his life.

We are sorry that his modesty prevented us from getting more information about his service, but we are pleased to print even this brief account, and to congratulate him on his long service record.

Yelle Hooyenga, of the Drafting Room, received his twenty-five year pin this month for service in the Whitin Machine Works, and at the time of its presentation, told us this story which has been entertaining his many friends in the office during the summer. It is entitled "The Mustard Story."

There were two Indians at supper in a New York cafe. One was the stoic chief of a famous tribe, and the other his oldest son. The chief helped himself to the mustard liberally, and the son seeing the tears rolling down his father's cheeks, the only outward expression of inward feeling, asked him what the trouble was, whereupon the chief replied that he was reminded of a canoe accident twelve years ago when he lost his other boy. A little later, the son thinking that the mustard must be especially inviting, helped himself to a similar large portion, and it was the father's turn to ask for an explanation of the apparent sadness, to which the son replied, "I was just thinking how sorry I am that I was not in the canoe with my brother."

W. D. Morrison, of the Employment Department, tendered his resignation to take effect October 1. He has accepted a position in the Wilby High School, Waterbury, Conn. Mr. Morrison first became connected with the Whitin Machine Works on June 30, 1919, in the Employment Department. That summer he assisted in the organization of the Apprentice School, and the "Spindle." During the school year of 1919 and 1920 he gave part time to the teaching of the Apprentice School. In June, 1920, he dropped his connections with the Whitinsville schools and gave full time to the Employment Department work.

We know that Mr. Morrison's success in his chosen work is assured, for he has behind him his success as Principal of the High School, and his work in the Employment Department of the Whitin Machine Works. His many friends are sorry to see him go, and extend to him their best wishes. Mr. Morrison was presented with a handsome travelling bag by members of the Apprentice School.

Service Pins Awarded in the Month of August

40-Year Pin

John J. Regan

25-Year Pins

Joseph Paquette George Tebeau

20-Year Pins

Ernest Smith John Wasiuk
S. E. Durrell Mrs. S. E. Durrell
Winford Jones Douwe Ouderkerken

15-Year Pins

George Bowman W. J. Allen
J. A. Howard G. E. Witcher
Louis Chabot

10-Year Pins

Kirk. Kotorian Benj. Scott
O. Sissian

5-Year Pins

Thomas Dorsey William Dowd
Bern. Farrar Aur. Giguere
Mary Hemenway Russell Jackson
Francis Kelliher Alice Lawson
J. Mattoonian H. Zadorian

Service Pins Awarded in the Month of September

30-Year Pin

W. J. Kidd

25-Year Pins

F. C. Blunt J. D. Boyce

Yelle Hooyenga

20-Year Pins

Thomas Fullerton Vic. Levasseur

15-Year Pins

Eugene Bruneau George Benoit
W. H. Smith

10-Year Pins

Joseph Lasell

5-Year Pins

Lottie Armstrong Fred Moss
F. M. Brown James Blessington
Chester Clark John Byrnes
Lena Emery Arthur Coburn
Henry Lafleur John Finneran
John Leahy Arsene Lajoie
B. S. Ware

Service Pins to be Awarded in the Month of October

30-Year Pin

J. L. Mooney

25-Year Pins

John Moore

20-Year Pin

Jerry Sullivan

15-Year Pins

H. S. Baker L. D. Donovan
James Donovan Alv. Hall
Joseph Hetherington J. Reynolds

5-Year Pins

Mart. Auderenski Harry Blaine
Anna Cooney R. A. Henson
Klass Jellesma George Morrell
Hess. Youngsma Gladys Hanny

Sunshine: "Have you got any squirrel whiskey?"

Moonshine: "No, sir, but I've got some 'Old Crow.'"

Sunshine: "I don't want to fly. I just want to jump around a little."

Community Gymnasium Notes

Fall and Winter Water Accidents

The large number of water accidents at the beaches each summer necessitates the hiring of an army of life guards to protect the great masses of people who are constantly getting introductions to King Neptune. In the fall and winter, however, this traffic of bathers is thinned out considerably, and the means of safety, i. e., life guards, boats, etc., also diminish in number. A person who falls overboard in the fall or winter needs to know how to take care of himself in the water, because his chances of rescue are slim.

Learn all you can about swimming and life saving as it is much easier to swim in a pool in the costumes that prevail than to learn in a half frozen swamp or river clad in heavy clothing and possibly heavy boots, gun, and ammunition.

Skaters should remember that swimming under ice with clothes, shoes, and skates on is very impractical. One should leave the under ice swimming to the fish, as they understand better how it is done.

Therefore, we urge everyone in Whitinsville to make more use of their swimming pool during the fall and winter months, and prepare yourselves for the glorious outdoor season in the summer. One can keep in excellent condition by swimming as it is one of the best forms of all-round exercise. Follow up the swimming you have learned the past summer. Don't quit; keep fit. Your community building is here to use; make the best of your time that you possibly can.

Volley Ball

About the first of November three will be a call for candidates for the Whitinsville Association Volley Ball Team. It is planned to have a regular schedule with the surrounding towns, and it is expected that this popular game will arouse a great deal of interest and enthusiasm.

New Instructor for Women

We are pleased to welcome Miss Ruth M. Calhoun who is to assist Mr. Harry L. MaLette at the Community Association. Miss Calhoun will have charge of all physical activities for the women. She is a graduate of the New Haven Normal School, class of '21, and for two years was physical director of the schools at Orchard Park, N. Y.

She is an excellent organizer and has had marked success in building up health clubs, and in coaching basketball and swimming. Both Miss Calhoun and Mr. MaLette are greatly interested in medical gymnastics, and feel that a lot can be done in this field for victims of infantile paralysis and for orthopedics.



Miss Ruth M. Calhoun

Physical Examinations

All those who plan to take gymnasium work this coming season are required to take a physical examination. Several have come in already, and we urgently request the other members to take their examinations as soon as possible, and so facilitate matters for the directors who will be more than busy when the Fall activities begin.

Uncle Eben says:

It is better to agree wif a man as much as you kin. It makes him feel good-natured, and you don't have to listen to so much talk.

During the period from July 27 until September 1, there were 96 people who signed up for swimming instruction. Out of this number, 72 have learned to swim in the community pool.

Just A Reminder

Two sad reports go out from Indiana pools—the drowning of Paul L. Garman, 24 years old in the Y. M. C. A. pool at Anderson, and of Earl W. Sherwood, 25, a junior in the civil engineering class at Purdue University at Lafayette, who was drowned in the University pool.

TAKE NOTE—Both drownings occurred when the victims were entirely alone in the pools.

Be sure to observe the rules of your Community building, and do not enter the pool alone.

Notice

Membership in the Whitin Community Association dates from SEPTEMBER FIRST. Don't wait too late and be obliged to pay \$6.00 for less than a year.

“What Do I Get for \$6.00?”

We have heard this question asked so often that we now feel called upon to make an adequate reply. Just think this over.

The highest fee that anyone pays is \$6.00. The general average of fees paid is much lower than this amount. The total amount of fees paid in for one year will not begin to cover the actual running expenses of the building for one year.

What do you get for six dollars? You get the same privileges that any Y. M. C. A. in the country will give you at the cost of from \$15 to \$30 a year, and that \$15 or \$30 doesn't include clean towels, either.

The six dollars that you pay amounts to exactly \$.50 a month, 11 $\frac{2}{3}$ cents a week, or 1 $\frac{6}{10}$ cents a day—less than you pay for your daily newspaper.

One and six-tenths cents a day gives you competent gymnasium and swimming pool instruction and the use of the shower baths. This tremendous amount also entitles you to the use of the shooting gallery, the billiard and pool tables, participation in smokers and dances, and attendance at the moving pictures, for which you are asked to pay only what they cost.

WHAT DO YOU WANT FOR \$6.00?

"Fired at Random"

"Moisture from the Showers"

Dere Editor and all the little Editors:

I half to right you all this letter, 'cause wot I have to say is so funny I can't tell it without laughin' and I awlas was learnt at school to never laff in nobodys face. Thats a bum joke, ain't it?

A feller ast me the other day if he could take a dip in our indoor oshun with a pair of tights and I was wonderin all the time wot company a pair of tights was to him. I thot at first that maybe a couple of scotchmen came in with him but I forgot for the moment that the charge was 4 cents, anyway I said go to it, you can wear your night gown if you want to.

I've been wanderin and thinkin that a lot of these fellers who awlas want to have somethin on have got the habit from the Klu Klux Klan; maybe we got a lot of these Kluxers around this town, eh? Anyway the way the Kluckin goes on you'd think this burg was somebody's hennery.

Well, I don't suppose I had better make this letter too long 'cause I know you Editors are awful busy juggling a pencil behind your sun shades and have a very bad habit of cutting out a lot of stuff, lord knows why you do this 'cause its pretty hard to get good stuff for your paper but if you have to cut out anything be sure and leave my name in, and don't forget that when Dempsey goes up against the Bouenesairdale, Firpo, there will be a new kind of spanish omelet on the menu. See you next month.

Well so long Ed, old sox,

Yours till the sweat shirt dries,
ALOYSIUS.

Credit Man: "Your business seems to be tottering. You must have met with some staggering loss."

Merchant: "I have. My bank failed and I lost my balance."

Black: "Did you ever get shocked over the telephone?"

Brown: "Yep. Called my wife when she was housecleaning and told her I was bringing a friend home to dinner."

The Ol' Swimmin' Hole

It is very interesting to know how the popularity of the Gym pool is growing.

During the period from July 12 to July 31, inclusive, there were 1,749 people in the pool, and from August 1 to August 31, inclusive, 2,523. This makes a grand total of 4,332 people using the pool, which is over half the population of our town, within the short space of 44 days. This gives us an average of about 600 a week or 100 a day.

It is hoped that this number will be doubled during the coming fall and winter.

Rifle Club Has Its First Match

The Whitinsville Rifle Club started its first fall match on Saturday, September 15. The riflemen were shooting from 328 yards at the international target. The high scores were held by Sweet with 41, Damour 39, Horner, Morrell, and Willis 38. The highest possible would be a 50, the 10 ring being but four inches in diameter. The rifle club members

are shooting at present for a first prize of a shotgun donated by one of its members, B. R. Sweet. The second and third prizes consist of \$13.00 in cash toward any purchase of sporting goods which the winner may choose. All members of the rifle club are urged to enter the competition. A small charge of twenty-five cents is made for each five shots when shooting for the prizes.



Harry Lees and W. D. Morrison at their favorite sport

Gymnasium and Pool Schedule

Noon Classes—Men	11 to 12.15	Mondays
Evening Classes—Men	5.15 to 6.15	Mondays and Thursdays
Night Classes—Employed Boys	7 to 8	Tuesdays and Fridays
Men	8.1 to 9.15	Tuesdays and Fridays
Evening Classes—Women	7 to 8.15	Mondays and Thursdays
Afternoon Classes—High and Jr. High—Girls	5.15 to 6.15	Tuesdays and Fridays
Boys	2.30 to 3.45	Mondays and Thursdays
Afternoon Classes—Grammar School—Girls	2.30 to 3.45	Tuesdays and Fridays
Boys	4.10 to 5.15	Mondays and Thursdays
Industrial Volley Ball League	8 to 9.30	Fridays
Wrestling and Boxing	8.15 to 9.15 P. M.	Time best suited to class
Teachers Institute	5 to 6 P. M.	Thursdays
Health and Physical Examinations	On other days	Mondays and Tuesdays
Swimming Periods	11 to 5 P. M.	By Appointment
Days—Women and Girls—Tuesday and Friday.	7 to 9 P. M.	Mon., Tues., Thurs., Fri.
Nights—Women and Girls—Monday and Thursday.		
Days—Men and Boys—Monday and Thursday.		
Nights—Men and Boys—Tuesday and Friday.		
Junior Life Saving		
12-17 yrs.—Girls	8.15 to 9.15 P. M.	Mondays
Boys	8.15 to 9.30 A. M.	Saturdays

NOTE—1. Free work will be allowed in the Gym any time that it doesn't conflict with above organized classes.

- Saturday is an open day and is divided for free work as follows:
Women and Girls—12 to 5 P. M.
Men and Boys—4 to 9 P. M.
- Wednesday is another open day and the activities for this day will be posted on the Bulletin Board every Monday morning.
- Swimming periods, of course, will not be considered as organized classes, hours for free swimming will not conflict with free work in the Gym.
- Showers will be open at all times for both sexes, but Gymnasium and Pool at stated intervals.

Former Whitinsville School Boy Holds High Rank in U. S. Navy

We have received two newspaper clippings within a month telling the story of Capt. L. A. Bostwick, a Whitinsville boy who left here to go to Annapolis to make his career in the United States Navy. He is well remembered by many of the older residents of Whitinsville, among whom are A. S. Noyes, paymaster of the Whitin Machine Works, who was with him in the same class at school.

Capt. Bostwick is now an officer of high rank in the United States Navy, of whom Rear Admiral Wm. S. Sims says, "He has a very high reputation in the Navy for real ability and I consider him one of our most valuable officers."

Capt. Bostwick first came to the attention of the public during the Spanish War when, as an ensign, he was attached to the Battleship *Oregon*. It was his duty, during the thick of several engagements, to make the proper observations and calculations for computing the ranges for the big 13" guns. This was done on the sighting top of the Battleship. In the last engagement in the Spanish War he figured the range of the last shot, and the shot landed so close to the *Cristobal Colon*, that the Spanish Battleship surrendered. This was during a chase after having put the Cruiser *Vizcaya* out of commission.



Captain L. A. Bostwick



An Interesting Photo of the Riverdale Train-wreck Snapped by our Photographer, Robert L. Metcalf

He has held many important positions since the Spanish War, and during the late war, his work in the remarkable advances of American Naval Gunnery has been accorded official recognition. He was commander of the *South Dakota* in transport duty, which responsibility he bore without the loss of a man or any of the supplies entrusted to his care. He received the Victory Medal and Patrol Clasp, and the highest honor of all, the Navy Cross, from the United States Government. Since the war he has been captain of several ships including the *New Mexico*, which at the time of his captaincy was the largest super-dreadnought in the world.

Captain Bostwick's mother, Mrs. Anna Tripp Bostwick, and his sister, Mrs. Benj. W. Brown, are residents of Rockdale. We are indebted to Mrs. Brown for the photograph reproduced here.

"So you've come home have you?" queried Blank's wife, when he strolled in at three in the morning.

"Yes, dear, glad to see you," admitted Blank. "I had an idea I might run across you here."

—*Sun Dodger*.

S. D. J.: "What character do you have in the next act?"

Girl: "I'm not supposed to have any character. I'm in the chorus."

—*Voo Doo*.

"Sally" Jones Goes Bathing

A fishing party, made up of "Sally" Jones, of the Pattern Loft, Louis Veau, of the Foundry, Raymond Meader, of the Production Department, "Bob" Ferguson, of the setting-up job, and Leon Barnes, of the tool job, went angling up at Carpenter's pond, one evening recently. Louis Veau who was standing at the edge of the pond, had a premonition of disaster when he heard some ominous whisperings among the rest of the crowd. Suddenly, and without warning, Veau's straw "lid" was violently whisked from its resting place and wafted speedily but gracefully out on the cold blue waters. While the perpetrators of this ignoble deed laughed and jeered, Veau secured a long pole and teased his summer head-piece in toward the shore. When it was almost within reach, another facetious member of the party dropped a large rock upon it, much to Louis's consternation. When "Sally" Jones leaned out over the pond with a lantern and laughingly inspected the shattered remains, Louis lost his self-control and "Sally" his balance. When he saw "Sally" floundering around in the water, it was Veau's turn to laugh and the rest of the faithless crowd joined in with him heartily.

William Donlon and Arthur Jackman attended a convention of the American Legion held at Marblehead, Mass., September 6-7-8.

Bugs from the Cupola

The Foundry held its annual clam-bake at Prentice's Cove, August 11, 1923. One hundred and twenty people sat down to an old-fashioned shore dinner.

Before the dinner, the Sports Committee ran off the athletic events which included a ball game, a pipe race, hundred-yard dash, shot put, quoit pitching, and an obstacle race.

The menu consisted of clam chowder, steamed clams, clam cakes, cucumbers, Bermuda onions, tomatoes, watermelons, brown bread, lobsters, and drinks.

Just before dinner was served, Mr. Moffett, the Foundry superintendent, was presented with a handsome chime clock by his workmen. William Ward made a very able presentation speech. Mr. Moffett was so surprised that he could not find words to answer at the time.

Mr. Moffett has completed his thirtieth year with the Foundry Department, and it was in honor of this occasion that he was remembered by the men who work with him.

The committee in charge of the day was: Mr. Moffett, chairman, Dan Connors, treasurer, H. L. Mulligan, secretary; Ground Committee: William Donlon, L. R. Veau, Joe Cheechi, Ed Jennings, John Rice, and Gerrit Ebbeling; Food Committee: Henry Topp, C. T. Moffett, Wm. Ward; Sports Committee: William Ward, L. R. Veau. The chief cooks and bottlewashers were: Dennis Feen, Henry Topp, John Campbell, and William Donlon.

Twelve of the Foundry boys journeyed to Swampscott, August 19, 1923, and spent the day deep-sea fishing.

The fish were biting very well, and when the boys pulled anchor they had one barrel, one box, and a meal sack full of haddock and blue fish.

Some of the fish were very large. Bill Dean and Joe Cheechi each caught a blue fish which tipped the beam at twenty pounds. Donlon caught the largest haddock which weighed eleven pounds. There was a great deal of excitement when Joe Cheechi thought he had hooked the

largest fish of the day. After a hard pull for a few minutes, Joe pulled up the anchor of another boat that was near by.

Those who took part in the outing were: Joe Brown, Bert Hill, Chas. Wood, George Wood, Joseph Cheechi, "Bill" Dean, "Bill" Donlon, Louis Veau, Dan Connors, Ray McCarthy, and Harry Mulligan.



Donlon's Eleven-Pound Haddock

Chas. B. Stewart has returned from a vacation spent at the beach near Oakland, R. I.

A. R. Birchall, foreman of the Card Room, with his family spent the last two weeks in July touring and camping. They visited Niagara Falls, Gettysburg, Washington, and Atlantic City. They travelled by day and camped at night along the road.

Did you ever hear of an automobile that talks in its sleep? Well, "Ben" Brines has one. The horn on his car started to blow one night about one o'clock, and blew so loudly and continuously that it woke up the whole neighborhood. They finally quieted the restless car by pulling the wire off the battery.

Harry Mulligan has returned from his vacation spent at Philadelphia and Atlantic City.

Plumbers' Pipings

Richard Kingston is leaving shortly for China on his honeymoon.

W. J. Nadeau got his back so severely sunburned while digging clams and quahogs down at the Cape last month, that he was forced to sleep on his stomach for several days. He says he's going to get even next year by letting his stomach get sunburned.

The steam fitters' force has been increased. On Saturday, August 18, a boy was born to Mr. and Mrs. Charles Higgins; and on Tuesday, August 21, a 16-pound lad was left at the home of Mr. and Mrs. J. G. Lindquist.

Fred Coburn and John Dalton bumped into a Ford on Saturday, August 11, near Walker's Garage. After the driver of the Ford had severely reprimanded Coburn and Dalton for trying to go under his car with their top up, they were allowed to proceed on their journey.

"Doc" Shaw wishes to thank John McQuilken for his kindness in running over his mother's flower bed with a Ford. "Doc" says he didn't plant the flowers deep enough to begin with, and he was wondering how he could lower them three or four inches, when McQuilken came along and saved him the trouble.

City Lady: "Oh, what cute cowlets."

Farmer: "Them ain't cowlets, them's bullets."



An Eclipse of the Sun
As photographed by Harry Lees of the Wood Pattern
Job

Steam Hammer Reflections

FURTHER ADVENTURES OF THE
BLACKSMITH THAT BUILT THE TEM-
PLE OF SOLOMON

And it so happened that Neb, the King of Babylon, got sore on Tut, the King of Egypt, and he commanded his General Legio (which means Anderson) to sally forth and deliver him a mighty wallop. On the march, going by the city of Jerusalem, the inhabitants came out and traded watches with the soldiers of Neb, and they also instructed them in games. One of these games was called African golf and when they began to play it, a mighty murmur rose and sounded through all the land "come seven, come eleven." And it came to pass that the Hebrews got all the shekels from the soldiers of Neb—yea, even their guns and swords, and the Egyptians fell on them and made an awful slaughter.

When the King heard this he waxed wrathful, and commanded his General Von Kluk to forthwith destroy that city, and spare none except the maids that are good to look upon, men that can pass the examination, and also all the Blacksmiths, and to bring these fortunate ones before him. And the general sent out recruiting officers and they gathered together an army that outnumbered the sands on the seashore, and they made a noise like a thousand turnips—yea, like unto ten thousand turnips. And they went out and laid siege to Jerusalem, and bombarded it, and destroyed it utterly, and did as the King commanded them and brought the prisoners before the King. He made presents of the maidens to his officers, and had one thousand sent to his harem.

After all this had come to pass, the King grew weary and said: "Verily, the duties of State are heavy upon me and my spirit is sorely tried. Anderson is dead, Von Kluk is in Egypt, and my Ford is broken down, and none of the magicians can make it run."

When he had heard this saying by the King, one of the officers prostrated himself before the King and said: "O mighty King, ruler of the

sun, one of the Hebrew Blacksmiths says he can fix your Ford."

And the King ordered the Hebrew Blacksmith to be brought before him and said: "Son of a dog, do you know anything about Fords?"

With the assistance of the guards the Hebrew Blacksmith prostrated himself six times and replied: "O mighty King, I am a Blacksmith and can do anything."

And the King ordered him to fix it at once so he could go on a joy ride with his new wives. And he fixed it and grew in the King's favor, and the King made him his prime minister.

And again the King grew weary and sick unto death from the jolts of his repaired Ford, and when the Hebrew Blacksmith had learned of the King's despondency, he said unto him: "Lo and behold, O King, when the moon is again full, I will make you a new medicine that will give new life to your blighted soul and cheer your troubled heart." And at the King's command the moon became full that night, for in those days the sun and the moon did as they were told. And the Blacksmith prepared him a new wine, and when the King partook of it, he exclaimed, "Behold, I make the moon shine!" And the King rejoiced and said: "Verily, thou art a great man," and he made the Blacksmith sit on his right side.

And it came to pass that the medicine gave the King such great strength that he strangled himself with his own hands and threw himself into the river, and when the Queen had learned of his fate, she went home and wept bitterly on the shoulder of the Blacksmith. And the Blacksmith comforted her, and she made him King, and they reigned fifty-fifty happily forever after. Amen.

THE END OF PAPYRUS

Such Crust

"Did you make these biscuits, my dear?"

"Yes, darling."

"Well, I'd rather you would not make any more, sweetheart."

"Why not, my love?"

"Because, angel mine, you are too light for such heavy work."

—Flamingo.



The "Chief" on Special Duty

The above photograph was taken at Carrick's Cove, several years ago, of the Chief of Police and his daughter. This photograph seems to prove that the Chief finds time for real pleasures when off his serious duty.

It was stated in the "Spindle" that Arba Noyes, a member of the Pay Roll Department, begged one of the local garage men for the use of a tin can in which to carry a few quarts of gasoline to his Marmon and thus start it on its homeward way. At almost exactly the same spot where his car had been stalled, and about which incident one of the editors of the "Spindle" took a real delight in reporting, M. F. Carpenter, of the Employment Department, followed the same trail to the garage and borrowed identically the same tin can for the same purpose. As he was approaching his car, Arba Noyes was there with a broad grin and passed the remark that the occurrence would not appear in the "Spindle." We report this in an effort to play fair.



A Duggan Quartette

Left to right: James and Marion Duggan, children of Patrick Duggan of the Freight House; Helen Duggan, daughter of Michael Duggan of the Foundry, and Gertrude Duggan, daughter of Patrick Duggan



View showing Regulation of Traffic at Freight House Entrance

Swimming Meet

A very interesting swimming meet for women and girls was held in the Community House pool on Thursday evening, September 13, and was attended by quite a large gathering. Much interest was shown in the outcome of the races, both by participants and spectators. The number of participants was unusually small, but owing to the newness of the idea and purpose of such a meet it is only right to expect the gathering which was on hand. It is hoped, however, that the next meet will bring out a much better crowd. Let us have them all in the water next time instead of looking on.

The following are the winners of the different events:

Senior—20-Yd. Dash: 1st, Mrs. Marjorie Boyd; 2nd, Miss Catherine Munt; 3rd, Miss Shirley White.

Intermediate—20-Yd. Dash: 1st, Evelyn Flinton; 2nd, Marjorie Brennon; 3rd, Virginia Phipps.

Intermediate—20-Yd. Back Stroke: 1st, Constance McSheehy; 2nd, Veronica Kane; 3rd, Evelyn Flinton.

Juniors—20-Yd. Back Stroke. 1st, Joan McSheehy; 2nd, Mary Driscoll; 3rd, Dorothy Driscoll.

Juniors—20-Yd. Dash: 1st, Joan McSheehy; 2nd, Mary Driscoll; 3rd, Dorothy Driscoll.

Seniors—20-Yd Back Stroke: 1st, Catherine Munt; 2nd, Lily Bogie; 3rd, Lynda Birchall.

Referee and Starter: Miss Calhoun. Judges, Miss Bertha Wood, Miss Edith Fullerton, Mrs. Mulcahy.

A similar meet was held for the boys on Saturday, September 8.

Malkasian showed up very well in the races, and looks very promising as a coming competitor on the Association swimming team.

The results of the meet are as follows:

Intermediate—40-Yd. Dash: 1st, Malkasian; 2nd, Pawlowski; 3rd, Jack Brines.

Intermediate—20-Yd. Dash: 1st, Malkasian; 2nd, Brines; 3rd, Pawlowski.

Juniors—20-Yd. Dash: 1st, Leo Donahue; 2nd, Muldoonian; 3rd, Hinchliffe.

Juniors—40-Yd. Dash: 1st, Donahue; 2nd, Muldoonian.

Intermediate—40-Yd. Back Stroke: 1st, Malkasian; 2nd, Pawlowski; 3rd, Vincent.

Juniors—20-Yd. Back Stroke: 1st, Muldoonian; 2nd, L. Donahue.



John H. Waldo

John H. Waldo, a member of the bolt job, will be surprised to see this photograph in print. It was given to us by one of his friends, and was taken when he was a young man in his early twenties. Mr. Waldo has been employed in the Whitin Machine Works for twenty-eight years.

We frequently receive clippings from many readers of the "Spindle". We wish it were possible to have space in which to print them all. The following poem by Edgar Guest was contributed by a reader who is not employed in the shop, and it contains some mighty good advice which all of us might think over thoroughly.

THE BETTER JOB

By EDGAR A. GUEST

If I were running a factory
I'd stick up a sign for all to see,
I'd print it large and nail it high
On every wall that the men walked by,
And I'd have it carry this sentence clear:
"The Better Job that you want is here!"

It's the common trait of the human race
To pack up and roam from place to place;
Men have done it for ages and do it now,
Seeking to better themselves somehow;
They quit their posts and their tools they drop
For the better job in some other shop.

It may be I'm wrong, but I hold to this—
That somehow something must be amiss
When a man worth while must move away
For the better job with the better pay;
And something is false in our own renown
When a man can think of a better town.

So if I were running a factory
I'd stick up this sign for all to see,
Which never an eye in the place could miss:
"There isn't a better town than this:
You need not go wandering far or near—
The Better Job that you want is here!"

KEEP FISHIN'

A boy sat on the bank of a river. He dangled a fish line in the current.

The fish weren't biting, but the boy fished on hopefully.

He didn't get discouraged. He didn't get blue and muss up the air with hot words.

He played the game. He kept to the rules. He had sense—and patience.

In his conduct, there is a lesson for all who are cynical and top-heavy with impatience.

As long as there's a pole and a hook and line and bait and water, there's a chance to fish.

Take away any of these, or tangle them up, or quit trying—and no more fish at all.

Yes, this little yarn fits us today, in this weary world of turmoil and agony. We'll win nothing, if we don't keep our heads and play the game.—*The Artisan.*

The State Senator stopped his auto on the roadside and asked the young farmer what the politics were in his house.

"Well," said the farmer, "they are very mixed in our house. I'm a Republican, my wife is a Democrat, the baby is wet and the cow is dry."



George A. Elmes, who had charge of the Rail Floor in the Foundry for 27 years. His daughter, Mrs. Edna Elmes Chadburne, and Mr. Chadburne at Mr. Elmes's ranch in Santa Ana, Cal. Mrs. Chadburne is the crack rifle shot of California, and well known here

Home of Clarence Kimball. Mr. Kimball was a roadman for years with the Whitin Machine Works. Now with Imperial Cotton Mills

Among the automobile mishaps of the early summer we neglected to state in the last "Spindle" that N. W. Wood poured waterglass into his crank case instead of oil while at his shore residence. Fortunately he discovered the mistake before any great damage was done, but Joe Morrell reports that such little errors help his business tremendously.

Waiter: "By the way, sir, that steak you ordered—how would you like to have it?"

Patient Customer: "Very much, indeed!" —*McClary's Wireless.*

"What d'you get for your birthday?"

"Well, have you seen those new, long, racy Cadillacs?"

"Yeah."

"Well, I got a roller-skate."

—*Lampoon.*



Mr. and Mrs. Clarence Kimball and Mr. and Mrs. Benj. Bates at the Kimball home, Los Angeles, Cal. Mr. Bates has recently installed Whitin Machinery in the Imperial Cotton Mill at Los Angeles

Community Dance

The first fall dance of the season was held in the new Community Building on Wednesday evening, September 12, for members and guests. Music was furnished by Adams and Brown's celebrated seven-piece orchestra of Northbridge, interspersed by novel solos on a gymnasium whistle. The attendance was close to 400. The committee in charge were: Albin Nelson, chairman, E. J. Driscoll, George Hartley and Henry S. Crawford.

A big Halloween party is planned for Wednesday evening, October 31. Further announcements regarding this will be made later.

After church one Sunday evening recently, Jimmy Marshall and his wife invited Bob Ferguson, Sally Jones and his wife to go for a little spin in their Baby Overland. Half way between Riverdale and Upton, the tourists' rhapsody known as a "flat tire" came upon them. Shortly after they had hauled up to one side of the road, an acquaintance came along and offered to assist them. "Jimmy" thanked the gentleman, but assured him that he had plenty of new inner tubes and was "all set." After the gentleman had departed, Jimmy took out his "new inner tube" and found it to be one of an antique variety with a long cut in it. After frantically hailing about 15 cars they finally got help and returned to Whitinsville, covering the total course to Upton and return in the remarkable time of two hours.

"Is it true," roared the captain, "that we have no dessert tonight?"

"Yes," replied the mess hall private.

"Yes!—Yes,—What?"

"Yes, we have no bananas!"

An Elegy Written in a Tourist Camping Ground

(*Spokane Spokesman-Review*)

A horn blast sounds the kneel of parting day,
Some late arrivals through the dust-clouds creep,
And three hours after we have hit the hay
The noise calms down so we can get to sleep.

Save where, from yonder pennant-clad sedan,
The radio set emits its raucous squeal,
And, underneath a nearby light, a man
Pounds until daylight on a busted wheel.

Beneath those tattered tops, those patent tents,
Where falls the dust into each sunburned pore,
Each on his folding bed of slight expense,
The rude explorers of the highway snore.

Let not ambition mock their creaky cars,
Their khaki clothes, of vintages obscure,
Nor grandeur view, with hauteur like a czar's,
The short and simple flivvers of the poor.

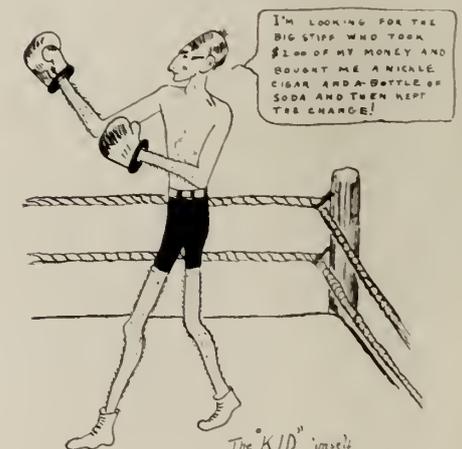
The boast of shiny paint, the pomp of power,
And all that charms the motoristic fop,
Await alike the inevitable hour—
The paths of touring lead but to the shop

Can streaming hood or silver-plated hubs,
Back to its mansion call the missing spark?
Can plush upholstery foil the clumsy dubs
Who bang into your fenders in the dark?

Full many a boob of purest ray serene
Succumbs each Summer to the touring itch;
Full many a car is doomed to blush unseen
And waste its sweetness in a Western ditch.

On Saturday, July 21, Mr. and Mrs. James Glennon of Burns Avenue, Millville, Mass., became the proud parents of an eight-pound baby boy. Mrs. Glennon was formerly Miss Florence Rasco, of the bolster job.

George Hanna took a great interest in the motorcycle races at Linwood during the tramp carnival, and has seriously talked over the possibilities of becoming manager of a trick rider. He was especially interested in the large audiences which attended this spectacular stunt.



"Dick" McGrath goes into training



IN THE GOOD OLD SUMMER TIME

1. Louie Henson, Richard' Burlin, Herbert Peck, "Bill" Sprout, Charlie Peck. 2 Weave Room, Canadian Cotton Mills, Milltown, N. E., taken by Albert Kelly. 3 K. O. Swenson, "Bob" Henson, A. J. Swenson, Everett Adams. 4. Myrtle Graves and Mildred Magill in Ma'ne. 5. Charlie Burlin, Johnny Orr, William Walsh, Joe Damour. 6. "Over the Mohawk Trail" taken by James Scott. 7. Mr. Birchall and family in basket crossing Rapids at Niagara Falls. 8. Mr. Albert Kelly of the Bolt Job, and his wife, taken on their vacation in New Brunswick. 9. The Flume, Franconia Notch, taken by 'Sis' Brown of the Production Department. 10. Mrs. Shelly Jollimore and Mrs. White in New Hampshire. 11. Residence of D. C. Rollins, St. Andrews, N. B. 12. Leon Barnes, "Sally" Jones, and "Bob" Ferguson. 13. Old Block House, St. Andrews, N. B. 14. A fine string of white perch caught by Orlando Holland of the Spinning Works.

Thomas Mateer has returned from Maine where he spent one week touring and fishing. He carried his tent along with him and pitched camp when and where he pleased. Thomas says that it was some trip and that he was glad to be relieved of hotel worries.

In a certain village nearby, a new fire engine has been received. The superintendent thought it would be a good idea to put a motto up over the engine house door, and so he called a meeting of the firemen and asked for suggestions. After a few moments of silent contemplation, a gentleman in the rear rose and offered the following as a motto:

"This fire engine is like the old maids of the village—always ready, but never called for."

Harry R. Wallace, of the milling job, our checker "champ," played checkers at the Hopedale Boarding House on Tuesday, August 28, and won sixteen games and didn't lose any.

George Tebeau, of the metal pattern job, claims to have the only Ford in town that will go 25 miles



"THEM WAS THE HAPPY DAYS, EH?"

Top row, left to right: Isabelle Williams, John Kennedy, Joe Dale, Lester Birchall, Henry Crawford, Cecil DeBoer, Unknown.
 Second row: Carl Rankin, Ralph Johnston, Teena Nyeholt, Jane Currie, Lillian Cahill (Mrs. Connors), Unknown, Unknown, Unknown, Eva McCreary, Margaret Feen, Selina McKee (Mrs. Harold Kane).
 Third row: Gertrude Feenstra (Mrs. Barlow), Kane, Tolla Blanchette, Unknown, Unknown, Unknown, Teresa DeVries, Marion Meader, Laferriere, Unknown, Mary Blaine Olliver, Unknown.
 Fourth row: Wilfred Aldrich, Leo Kelliher, Unknown, "Happy" Noble, Pete Blanchette, Unknown, Unknown, Baker, Donka DeBoer

on a gallon of gasolene. Any skeptics on this point who possess money enough, can settle with George himself.

"Say, is that the moon rising over there?"

"I'm sure I don't know. I'm a stranger here myself."—*Wampus*.

We received a notice recently from Dr. H. A. Brown that Chester H. Jennings, a member of the spindle job, is at present suffering from a nervous breakdown due to his service overseas during the World War. We extend our sympathy to Mr. Jennings, and hope he will be in condition soon to be with us again.

Edward Perry, a member of the doffer job, has successfully tried out a new brand of fly powder. Its application around the machine on which he has been working has been very effective in keeping the pestering flies away. The members of the department are urging Mr. Perry to take out the agency for this fly killing formula in order that they may also reap the benefit of his timely discovery.

The Real Question

Wife: "Do you know that you haven't kissed me for six weeks?"

Prof. (who is absent-minded): "Good heavens, who have I been kissing then?"—*Wisconsin Octopus*.

Prisoner: "Judge, I'm deaf."
 Judge: "You may be deaf now, but you'll get your hearing in the morning."



WEREN'T THEY CUTE!

Top row, left to right: 1. Adreana Brule. 2. Marie Tyronestra. 3. Diana Tashjian. 4. Katherine Walsh. 5. Mary O'Neill. 6. Elsie Kuindersma. 7. Mary Lubin. 8. Margaret Cabana. Next row: 1. Isabelle Wallace. 2. Nellie Dundas (Mrs. Clark). 3. Lucia Bates. 4. Ruth Stuart. 5. Jessaline Sandquist. 6. Grace Kizirbohosian. Third row: 1. Unknown. 2. Unknown. 3. Allan McCrea. 4. Eli Brusio. 5. Alice Lenox. 6. Florence St. Andre. Fourth row: 1. Paul McGuire. 2. George Young. 3. Fred Papineau. 4. Fred Smith. 5. James Smith. 6. Carl Frieswyck. 7. James Onnell. 8. Clifford Flinton. Last row: William O'Neill. 2. Arthur Beaulieu. 3. Sipke Lafleur. 4. Robert Meek. 5. Phil Gregoire. 6. Albert Nickbam. 7. Clifford Kelly. 8. T. J. Murphy



The
WHITIN
Spindle



"Break, break, break, on thy cold gray stones, O Sea.
I would that my tongue could utter the thoughts that arise in me!"

OCTOBER
1923
Vol. 5 No. 2



SNAPSHOTS OF THE EARTHQUAKE TAKEN BY MAJOR W. C. CRANE

1. The American Embassy at Tokyo. 2. Refugee camp established by the U. S. Marines on the Embassy grounds at Tokyo. 3. The Grand Hotel beyond the canal) Yokohama. 4. Ruins of the American Naval Hospital at Yokohama, completely shaken down and then burned. 5. Demolished warehouse, near waterfront, Yokohama. 6. Typical damage to modern steel office building.

Major Crane Tells Story of Japanese Earthquake Horror

Major and Mrs. William Cary Crane, of Whitinsville, have recently returned from Japan, after a nerve-racking and remarkable escape from the very center of the greatest disaster the world has ever known.

Mrs. Crane, before her marriage, was Miss Lois Whitin, daughter of the late Treasurer and General Manager of the Whitin Machine Works, George Marston Whitin. Major Crane was a language officer attached to the American Embassy at Tokyo. He was called on after the disaster to aid in the relief work. Mrs. Crane in escaping from the flames and falling buildings, was forced to swim a distance of three hundred yards to a ship in the harbor.

We asked Major Crane for a short account of their experiences for the "Spindle," and we are grateful for the following article and accompanying photographs:

The morning of September first in and around Tokyo was hot, sultry, breathless—the usual weather for that time of year. A typhoon was expected some time during the day and shortly before noon the typhoon signals had been hoisted as an advance warning to shipping. Life was normal everywhere. Factories and stores were full of people working and buying. Streets were crowded with pedestrians and every kind of wheeled conveyance from man-drawn carts to modern trucks. A large liner, the *Empress of Australia*, was due to leave Yokohama at noon for the "States," and hundreds of foreigners and Japanese were gathered on the pier to see her off. When only a few minutes remained till shoving off time the huge steamer was held to the pier by only a couple of lines, and the hundreds of paper ribbons which had been thrown by passengers to their friends ashore.

Suddenly the earth quivered, and immediately thereafter shook violently with a combined horizontal and vertical motion, plainly visible to

those on the *Empress of Australia*.

With the first violent shake people were thrown to the ground, and for the few seconds the quake lasted, were able to regain their feet only by clinging to swaying telegraph poles or trees. The regular Japanese houses—constructed of wood, with tiled roofs, and flexibly built to withstand earthquakes—swayed back and forth for a couple of seconds, while tiles from the roofs and the dried mud in which they were imbedded slid off with a clatter in a cloud of dust. A second or two later the houses either collapsed entirely or fell over to one side, partly supported by the posts which had not broken. Some of the people in such houses escaped by running out into the middle of the street at the first



U. S. Navy Supply Ship "Black Hawk" with supplies for Japanese

quiver, where they were in great danger of being struck by the falling tiles. Others were buried under their houses, in which case their safety depended on whether they had been pinned down by one of the few heavy beams in the house or were only covered over with the usual mud plaster, bamboo lath and light outside boards. In the latter case rescue was easy, of course; while in the former case many were undoubtedly killed outright, and others were overcome by the smoke and flames before they could be removed from the ruins.

European style houses of brick and stone were almost immediately reduced to a tangled heap of beams and rubbish, filling the adjoining streets until it was often impossible to distinguish street from building site.

Such buildings, lacking the flexibility of the strictly Japanese house, and unable to give to the force of the quake, went down with the first shake and, except for those people who were fortunate enough to be on the ground floor and near an exit, very few escaped uninjured.

Not only were buildings, both European and Japanese, thrown flat by the violent movement of the ground as it moved back and forth and up and down, but fissures opened in the ground—sometimes as much as three feet broad—and either closed again or else remained open. Whole sides of hills slid away, railroad tracks were bent and twisted, moving trains were derailed, and water mains and gas pipes were broken, causing the flooding of low areas and adding fuel to the fire which came later. The large pier of steel and concrete, only recently completed, to which the *Empress of Australia* was moored when the quake came, disappeared from sight near the shore, and other sections collapsed throwing many people into the bay. The massive Yokohama breakwater sank into the sea until only the lighthouses at the entrance and a few scattered sections remained above water. The two large hotels collapsed almost instantly, and very few people escaped.

Such was the effect of the first shock at Yokohama where the force of the quake was the strongest. In Tokyo, sixteen miles or so away, the shock was considerably milder, so damage due directly to the earthquake was not nearly so great. Many houses of all kinds stood intact, though badly shaken. Modern office buildings of steel construction and specially reinforced to withstand earthquakes surprised everyone by the way they came through this shock of unprecedented and unexpected severity. Their walls were cracked in places and some surfacing material was dislodged and fell to the street, but on the whole they remained structurally sound.

Simultaneous with the shock of 11.58 A. M. a dense cloud of dust arose from the demolished buildings of



Left, American Ambassador Cyrus Woods; Center, Admiral Anderson; Right, General Frank McCoy, head of the American Red Cross Relief, on Board U. S. S. Huron

Yokohama and, caught by a rapidly freshening breeze, was carried miles in the direction of Tokyo. Within a few minutes numerous fires broke out in various parts of both cities—caused as a rule by debris falling on the open charcoal braziers commonly used by the Japanese for cooking.

In Yokohama, where the water mains were already destroyed and the only other water available for fire fighting had to be pumped from a few canals, it was impossible to do anything to stop the rapid spread of the numerous fires, fanned by a wind which soon reached a velocity of forty miles an hour.

In Tokyo, where the water mains were not damaged, the fire companies with their modern fire fighting equipment were able to extinguish about twenty-five out of the eighty-three serious fires which started immediately after the first shock.

While the ground continued to tremble and shake after the first severe quake, everyone who had been fortunate enough to escape from the falling buildings gathered in the middle of the street or ran to the nearest open ground free from the danger of falling buildings; for the quakes, though of less intensity, were continuing, accompanied by the crashing and grinding of falling build-

ings. Gradually the less fortunate began to make their appearance, fighting their way out of the debris of fallen houses or dragged out by neighbors attracted by cries and screams for help. In the foreign section of Yokohama where the buildings were of brick and stone and heavy, both escape and rescue were extremely difficult. How anyone could come out alive from the midst of completely destroyed brick and masonry buildings which, when leveled, completely obliterated the streets, was a miracle. People were buried under mortar, bricks and beams and still came out whole; they were thrown by the force of the quake from the third floors of falling houses and landed safely on wreckage which had preceded them; they stood safely in the center of their houses and watched them crack and fall all around them without receiving a scratch; they were buried under ruins for as long



Refugee shacks in front of Imperial Palace, Tokyo

as three hours and escaped without serious injury. Every one's escape seemed a miracle.

Hardly had the survivors assured themselves that they were safe from the earthquake before they were threatened with a new danger, more terrifying in some parts than the earthquake itself. The numerous fires which started in the fallen houses spread rapidly before the steadily strengthening wind, and soon the draft of the wind, increased by the intense heat of the fires themselves, carried the flames along almost parallel to the ground. They spread so swiftly that they seemed literally to shoot through houses and across streets. Nothing could stop such fires while there remained anything before them to burn.

With the spread of the fires people scattered before them, finding safety



Tokyo rebuilding in burnt area about ten days after quake

whenever possible in open ground, or on boats either in the canals or on the bay. Refugees in the outskirts hastened into the surrounding fields, while those in the center of town had to be content with standing room in the parks and other small open spaces. As they fled before the rapidly spreading fire they carried with them whatever they had saved of their small belongings wrapped in bundles; and later on, when they had found apparent security in some small park, it was these very bundles lighted by sparks blown in from the surrounding fires which helped to suffocate their owners. In one enclosure in Tokyo, situated in the most crowded section of the city, thirty-three thousand men, women and children were burned and smothered by the smoke and fumes of the surrounding fires and the hundreds of little fires of their burning bundles. Thousands of others died in the same way in places which they thought safe until too late to escape; and many others drowned in the canals and in the bay while trying to get to safety.

The fires swept on until a canal or broad street was reached which could not be leaped, or until the wind subsided that night. By the night of September second about ninety percent of Yokohama and about sixty-



Abandoned motor cars, Main Street, Yokohama



Sokuragicho Station in Yokohama

five percent of Tokyo had been burned to the ground. Fires were still burning in various parts of the two cities and, particularly in Yokohama, the houses left unburned were all more or less ruined by the terrible shaking they had received.



Reinforced Concrete Office Building, Tokyo

There were undoubtedly cases of murder, robbery and other violence during the first few days—there always have been during such catastrophies—but these incidents were the exception, and the rule was self-control, bravery, generosity and kindness on the part of Japanese and foreigners alike.



Tokyo—Main business district, typical destruction

Forget It

If you see a tall fellow ahead of the crowd,
A leader of men, marching fearless and proud,
And you know of a tale, whose mere telling
aloud
Would cause his proud head to in anguish be
bowed,
It's a pretty good plan to forget it.

If you know of a skeleton hidden away
In a closet, and guarded, and kept from the
way
In the dark, and whose showing, whose sudden
display,
Would cause grief and sorrow and life-long
dismay,
It's a pretty good plan to forget it.

If you know of a thing that will darken the
joy
Of a man or a woman, a girl or a boy,
That will wipe out a smile, or the least way
annoy,
It's a pretty good plan to forget it.—Morse.

Mrs. Cowburn Given Surprise Party

On the night of Thursday, Oct. 18, a surprise party was given to Mrs. Annie Cowburn. The surprisers presented Mrs. Cowburn with an electric percolator. Following this feature—well the best way to visualize it is to think of one of those cartoons in the daily papers—"And then the fun began!"

Bill McGoey sustained a scalp wound while playing "Oh, Mother, I'm bobbed," when he was struck on the head with a pan which was not properly held by the one dealing the blow, and "Monty" scented his 'kerchief with perfume, so that he could be easily located in the dark. There were other incidents which we have been forbidden to mention, under threats of violence.

Those who thus inadvertently interrupted the peace and tranquillity of Mrs. Cowburn's home were: Helen Carpenter, Blanche Gregory, Grace MacKennedy, Mildred Magill, Katherine Kearnan, "Bill" Donlon, Hilda Murray, Mrs. Farland, Mrs. Devlin, "Pep" O'Brien, "Monty," "Tom" Devlin, "Art" St. Andre, "Bill" McGoey, Fred Lesco, Arthur Jackman, "Dave" Clark, and a distinguished representative from the Liverpool, London and Globe Insurance Company, the right honorable "Jimmy" McGuinness.

"Bill" Donlon partook so freely of the "ginger ale" that he got lost in the fog coming home, and he was awakened in the morning, by the crowing of a large rooster, and found himself in the backyard of some unknown farmer. Everybody says "Gee, but we had fun!" We'll say they did!

Little Girl: "Do fairy stories always start—'Once upon a time?'"

Mother: "Not always, dear; some start—I had to stay at the office."—*National News.*

"I have a terrible rumbling in my stomach. It is like a wagon going over a bridge."

"It's most probably that truck you had for dinner."

Our Cover

Melvin Young of the Milling Department spent his vacation at Vinal Haven, and brought back a very picturesque view of the harbor there after a storm, which we have reproduced on our cover. While Mr. Young did not take this picture, there are a large number of people in Whitinsville who are greatly interested in Vinal Haven, and we hope that this excellent and artistic photograph will recall for many, as it does for Mr. Young, pleasant memories of days spent at that place.

Soccer Teams Open Fourth Season in Triangle League

The Whitin Machine Works Soccer Club opened its season by playing Hopedale on Saturday, September 22, on the Hopedale grounds. It was a tight game throughout, the Whitin Team losing its opening match by the score of 2 to 1. Gonlag scored the only goal for the Whitin Team.

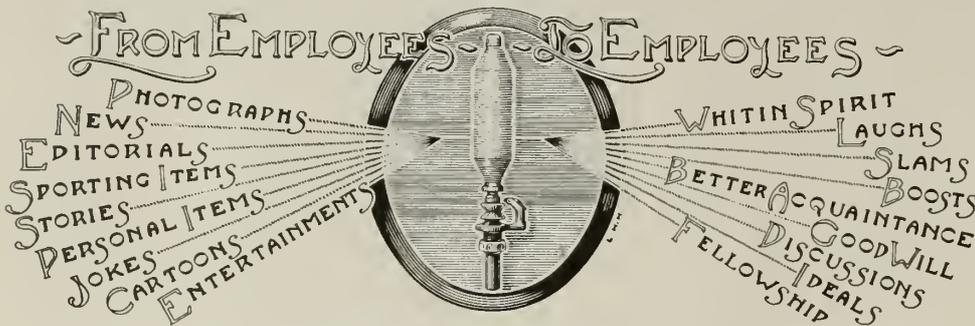
Since the opening game the Team has played the American Optical Company on the home grounds, and defeated them 2 to 0; the Norton Company was defeated at Worcester by the score of 3 to 0, and the Hamilton Woolen Company on the home grounds by a score of 4 to 1.

The *Worcester Sunday Telegram* of October 14 featured a headline on its sporting page which stated that Eddie Nuttall is to the Whitin Soccer Team what "Babe" Ruth is to the Yankees. Nuttall has scored eight of the ten goals registered by the Club this season, and has been playing a wonderful game. He has also been managing the Team.

The First Team is composed of William Wilson, goal; R. McFarland, r. f.; Robert Holmes, l. f.; James Ashworth, r. h.; Frank Lightbown, c. h.; Fred Cowburn, l. h.; Harry Jackson, r. o.; James Scott, r. i.; Edward Nuttall, c.; William Ratcliffe, l. i.; William Smith, l. o.

The League standing for the week ending October 14, was as follows:

	w	L	%
Draper Corporation	4	0	1.000
Whitin Machine Works	3	1	.750
Hamilton Woolen Co.	2	2	.500
American Optical Co.	2	2	.500
Norton Company	1	3	.250
Goodyear Company	0	4	.000



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonists

L. G. Lavallée Robert Hargreaves
John Minshul

Illustrator, L. H. Horner

Member of Industrial Editors Association of
New England

Generosity

How few people there are in this world who are truly generous. In every walk of life we find folks covering up hidden motives with the spotless mantle of generosity. We are not deceived when some person who is consistently stingy suddenly becomes unusually generous, because while we may not know what he is up to, we are automatically put on our guard. People who give that which they would readily throw away, might just as well pass around an empty candy box as far as expecting any gratitude is concerned. There are any number of people whose generosity has a deeper significance than the simple desire to be helpful to others.

There recently appeared in one of the city newspapers a picture of a poor little crippled girl, along with a beautiful story of how the mayor of that particular city, noting her plight, had pressed into her little white hand a substantial sum of money. Unquestionably the act itself was sincere and generous and prompted by the best of motives, but when the good mayor permitted the incident to be printed and broadcasted throughout the country, he sinned the delicate fibres of his own noble impulses. Perhaps the gullible public will swallow the story whole, but even if they never appreciate the immodesty

(to say the least), of the mayor in having the story printed, the man's ability to fill the higher positions which he seeks will be lessened in the same proportion as he permits himself to practice such tactics.

To be generous beyond your means is folly; to be generous with other people's property is humorous; but to be generous with your wealth, your happiness, your laughter and your sympathy will enlarge your own self-respect as well as the admiration of others.

Until we have a great many more *honestly* generous people in this world of ours than we have at present, the old, old saying that "it is more blessed to give than to receive," will remain an empty phrase.

Seven Mistakes of Life

1. The delusion that individual advancement is made by crushing others down.

2. The tendency to worry about things that cannot be changed or corrected.

3. Insisting that a thing is impossible because we ourselves cannot accomplish it.

4. Attempting to compel other persons to believe and live as we do.

5. Neglecting development and refinement of the mind by not acquiring the habit of reading fine literature.

6. Refusing to set aside trivial preferences, in order that important things may be accomplished.

7. The failure to establish the habit of saving money.—*Exchange*.

The man who wakes up and finds himself famous hasn't been asleep.—*Columbia Citizen*.

"Son, don't wait to be a great man—be a great boy."

Interesting Facts About Cotton

We have attempted thus far to show how the Industrial Revolution began in England in the textile industry, how these changes in this field paved the way for invention and development in all the other industries, and finally how the introduction of the factory system completely transformed the life and habits of all the civilized races.

The Rise of the Cotton Mill Industries of New England

Let us now turn our attention toward America. The story of the discovery of America, the settlement of the different colonies, and the Revolution is too familiar to us to bear repeating in these columns. We do want to notice one thing, however, in connection with the settlement of America which had a very important bearing on the later development of the country. A glance at the topography of the United States shows that New England is very rugged, with numerous waterfalls and streams. With these natural resources, it was inevitable that New England should have become the home of our great American industries. The South, on the other hand, has great fertile plains which strongly attracted the early settlers who wished to engage in agricultural pursuits.

By the year 1790 England had acquired supremacy in cotton manufactures. Strenuous efforts were made at this time to procure the textile machinery of Great Britain for the United States, but England was jealous lest someone steal her trade, and so she made every effort to keep her inventions at home.

In spite of the British customs officials, however, a few spinning jennies and stocking looms had been brought over to this country. As a matter of fact, a spinning frame operated by a crank turned by hand and carrying thirty-two spindles had been set up in Providence in 1788, but the machine was too heavy for hand power, and the attempt to adapt it to water power was unsuccessful.

In 1790 one Samuel Slater, who had been employed in the Arkwright factory in England came to America to venture his fortunes. On arriving, he entered into a contract with Moses Brown of Providence to build and operate a complete spinning mill, with carding, roving and spinning machines, at the falls of the Pawtucket River. Slater had not dared to bring with him any models of the English machines, and so he himself was obliged to draw the plans, direct the entire construction of the mill, and to instruct the workmen how to operate the machines. The Pawtucket mill was a success from the very start, and to Samuel Slater goes the credit for inaugurating the cotton mill industry in New England.



Slater's Original Mill

In 1793 came Eli Whitney's invention of the cotton gin, the story of which appeared in the May issue of the SPINDLE. This invention tremendously stimulated cotton raising in the South. Thousands of acres were soon brought under cotton culture, and cotton became the South's most important staple. In 1792 the southern states sent 630 bales of cotton wool to England; the year following the introduction of the cotton gin 7,000 bales were exported; by 1800 the amount had risen to 79,000 bales.

The embargo, the Non-intercourse Act, and the War of 1812 gave American manufacturers a virtual monopoly of the home market for a period of seven years. Slater had demonstrated the possibilities in the textile industry, thus attracting capital from other enterprises; and there soon sprang up mills at Slatersville, R. I.; Pomfret, Conn.; and Union Valley, N. Y., which were direct off-shoots from Slater's original mill. For the first ten years development was very

slow; and in 1804 only four mills were in successful operation.

With the exclusion of English competition, however, an epoch of extraordinary progress opened. In 1807 there were 15 cotton mills running 8,000 spindles and producing 300,000 pounds of yarn annually; in 1811 there were 87 mills operating 80,000 spindles producing 2,880,000 pounds of yarn per year; in 1815, one half a million spindles gave employment to 76,000 persons with a payroll of \$15,000,000 per year. Rhode Island was the center of this flourishing industry. Within 30 miles of Providence were 130 mills running 130,000 spindles and employing 26,000 operators. The mills of New England were generally run by water power, those of the West and South by horse power. Steam was first successfully used as motor power for spinning machinery at Ballston, N. Y., in 1810.

The yarn spun in these mills, however, was still woven on hand looms in the homes of the neighboring country-side, much as is being done today in the backward sections of Kentucky. Many efforts had been made to imitate the power looms recently introduced into the cotton factories of England. Machines had been patented in 1803 and 1804, but they proved impracticable.



Reel and Spinning Wheel Still Used Today in Kentucky

In 1814 Francis C. Lowell returned from a trip to England with the avowed purpose of establishing in Massachusetts a cotton factory better than any of those of Manchester. He devised and constructed the first successful power loom set up in this country, and built in Waltham, Mass., the first cotton mill in which all the processes of spinning, weaving and printing were carried on under one roof. The venture was a brilliant

success. Other looms were rapidly constructed and other factories were soon equipped with this labor saving device.

Improvements were made steadily, and it was not long before the work was so simplified that the looms could be tended by women and the spinning frames by children, so that the more expensive labor of men was required only for the heavier tasks.



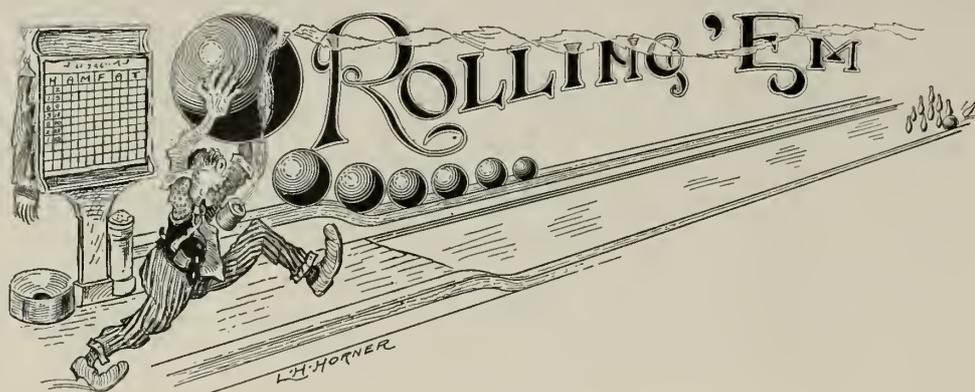
Cleaning Cotton with Roller Gin

The value of our cotton manufactures in 1810 was \$4,000,000; in 1815 it was \$19,000,000, and nearly adequate to the needs of the country. In 1800 the spinning mills consumed 500 bales of cotton; in 1805, 1,000 bales; ten years later 90,000 bales were required to feed the half million spindles. But the cotton crops outran the domestic demand and, notwithstanding the increased consumption, the price of cotton wool fell from 24 cents a pound in 1800 to 16 cents a pound in 1810, because the English Market was closed.

In 1908 American exports of raw cotton amounted to \$437,800,000, and the value of American cotton goods shipped to foreign ports was estimated at \$22,000,000 for the same year. These figures are climbing all the time, and cotton still remains "King of the South."

Next month we will trace out some of the fundamental causes of the Civil War, and we hope to show how cotton is woven almost imperceptibly around the influences which later led to this awful tragedy in the history of our country.

Rumor is a wench that flirts with idle minds.



Bowling Season Opens

The bowling season of the Whitin Machine Works opened on Monday night, October 15, when the Spindles met the Cards, and the Patterns met the Bolsters on the Pythian Alleys.

The Office League opened on Tuesday night, October 16, with matches between Team No. 2 under Captain John Connors and Team No. 4 under Captain Charles Noble; and Team No. 1 under Captain Harold Johnston and Team No. 5 under Captain Chester Lamb.

On the opening night the Cards won three points from the Spindles, and the Patterns took three from the Bolsters.

In the Office League, Team No. 4 took six points away from Team No. 2, and Team No. 5 took five out of a possible seven from Team No. 1.

The Shop Bowling League was organized at a meeting held by the captains of the teams in the Apprentice Room, on Friday, October 5. Eight teams were entered in the league and the captaincies were accepted by Charles Hutt for the Bolsters, Thomas Roche for the Cards, Albert Haddon for the Down Homers, Louis Veau for the Foundry, Joseph Peltier for the Patterns, Frank McGowan for the Pickers, Archie Marien for the Spindles and Theodore Bisson for the Spinning.

The schedule was arranged for twenty-one matches on Monday and Wednesday evenings at eight o'clock, on the Pythian Alleys. One new rule was adopted which varies from the rules of last year, which reads: "In case a match is postponed, the team postponing the match must arrange to roll it off one week from

the date of the scheduled match, or forfeit all four points."

The Office Bowling League was organized by a meeting of the high six men of last year's individual averages who, by agreement of the league, are to act as captains of the six teams. The teams were organized this year on the basis of averages. By this arrangement there were four men assigned to each team. Six others, four of whom were new bowlers this year, were drawn for by the various captains of the teams. As a result, the line-ups of the teams are as follows: Team No. 1, Captain Harold Johnston, William H. Greenwood, Everett Johnston, Amos Whipple, Herbert Ball; Team No. 2, Captain John Connors, James Ferry, John T. Wild, Patrick Duggan, Irving Dalton; Team No. 3, Captain J. J. Foley, William McGoey, J. H. Park, Thomas Hamilton, Frank Larkin; Team No. 4, Captain Charles Noble, Walter Cain, A. S. Noyes, Edward Brennan, E. S. Alden; Team No. 5, Captain Chester Lamb, H. S. Crawford, William Dunleavy, Harry Bullock, Oscar Honnors; Team No. 6, Captain R. E. Lincoln, Thomas Driscoll, William Crawford, M. F. Carpenter, Elmer C. Leonard.

The new rules adopted by the captains at a meeting held October 4, were as follows:

"If a man is late and an 80 average is used in the five strings in determining the standing of the evening, this 80 average will not affect his individual average.

"*Tied Points.* If by chance the totals during the last match of the season are tied, and by being tied are a factor in determining the

standing of the teams, the entire match shall be rolled over.

"*Substitution.* A substitute may be obtained from those teams other than your opponent, whose average is less than the man substituted for, the average to be determined from those last published in the 'Spindle'. A captain may substitute for his first and second man in case of their absence, without requesting his fifth man to bowl. Substitution from other teams for the third and fourth men of a team may be made only after the fifth man has been requested to bowl. Not more than two substitutes may be used on any one team in any one match. The fifth man of a team is at no time considered a substitute on that team.

"Whenever the string score of the substitute is more than the man's average for whom he is substituting, he will receive but one-half the difference of his string's score and of the absent man's average, added to that average. In case the difference contains half a pin, the substitute shall be credited with another half pin. In scoring for the substitute, the average of the man for whom the substitute is rolling shall be the average as published in the last 'Spindle,' with the fractional pin deducted.

"*Time and Tardiness.* The matches are to be rolled on Tuesday evenings at 7 P. M., and 8.15 P. M.; Thursday evenings at 7 P. M. Those absent are to take an 80 average for the string or strings under way unless they arrive ready to bowl before their opponent finishes five boxes of the string. A fine of twenty-five cents is to be imposed upon the man if absent after the first five boxes. The money is to be added to the prize money as now collected.

"*Points.* Each string is to count one point; total pinfall is to count two points.

"*Tie Points.* In case the teams in competition tie each other for the total pinfall of a string, the next string's total pinfall determines both points. This also applies to match totals; that is, the next match total pinfall is the determining factor. In case it is the last string or last match of the season, an additional string

should be rolled and its total determines all points in dispute.

Prizes. No bowler can have more than two individual prizes. No bowler can have more than one average prize. No bowler shall be eligible for an average prize unless he has rolled seven matches. Regardless of all other prizes won, a bowler is entitled to the team prizes as won by his team.

Handicap. The handicap is determined by subtracting the bowler's average of last year from the high individual average. The result on the left of the decimal point determines the handicap allowed. All new bowlers this year are scratch men."

LIST OF PRIZES IN OFFICE BOWLING LEAGUE

Winning team	\$25.00
High team total	8.00
High individual average	5.00
Second high individual average	4.00
Third high individual average	3.00
Fourth high individual average	2.00
High individual average (handicap)	5.00
Second high individual average (handicap)	4.00
Third high individual average (handicap)	3.00
Fourth high individual average (handicap)	2.00
High five strings	5.00
Second high five strings	4.00
Third high five strings	3.00
Fourth high five strings	2.00
High single string	5.00
Second high single string	4.00
Third high single string	3.00
Fourth high single string	2.00
Fifth high single string	1.00

Two bowling teams from the Bolster Job met on the Pythian Alleys on the evening of October 9. Six members of the department rolled on each team. The members of Team No. 1 were: C. Cousins, R. Clark, H. Dalton, J. Marshall, C. Rooney and T. Baker. Team No. 2 was composed of E. Bebo, H. Bouvier, W. Roy, F. Robinson, W. Dalton and C. Hutt.

There was a variety of bowling, the totals of the various strings ranging anywhere from 53 to 120, and the three string totals from 179 to 290. Regardless of the wide range of skill, the first string was won by Team No. 1 by four pins, and the team total by the same team by the same total, making it a very close match.

Plans are under way to stage a match between the married men and single men from this department.

Shop League Schedule

OCTOBER

- 15 Spindles vs. Cards
Patterns vs. Bolsters
- 17 Pickers vs. "Down Homers"
Foundry vs. Spinning
- 22 Pickers vs. Spinning
"Down Homers" vs. Foundry
- 24 Patterns vs. Spindles
Bolsters vs. Cards
- 29 Spindles vs. Bolsters
Cards vs. Patterns
- 31 Pickers vs. Foundry
"Down Homers" vs. Spinning

NOVEMBER

- 5 Patterns vs. Foundry
Bolsters vs. Spinning
- 7 Pickers vs. Spindles
Cards vs. "Down Homers"
- 12 Spindles vs. "Down Homers"
Cards vs. Pickers
- 14 Spinning vs. Patterns
Foundry vs. Bolsters
- 19 Spindles vs. Foundry
Cards vs. Spinning
- 21 "Down Homers" vs. Patterns
Bolsters vs. Pickers

DECEMBER

- 3 Patterns vs. Pickers
"Down Homers" vs. Bolsters
- 5 Spinning vs. Spindles
Foundry vs. Cards
- 10 Pickers vs. "Down Homers"
Foundry vs. Spinning
- 12 Spindles vs. Cards
Patterns vs. Bolsters
- 17 Patterns vs. Spindles
Bolsters vs. Cards
- 19 Spinning vs. Pickers
"Down Homers" vs. Foundry
- 31 Foundry vs. Pickers
Spinning vs. "Down Homers"

JANUARY

- 2 Bolsters vs. Spindles
Patterns vs. Cards

- 7 Pickers vs. Spindles
"Down Homers" vs. Cards
- 9 Foundry vs. Patterns
Spinning vs. Bolsters
- 14 Spinning vs. Patterns
Foundry vs. Bolsters
- 16 "Down Homers" vs. Spindles
Pickers vs. Cards
- 21 "Down Homers" vs. Patterns
Pickers vs. Bolsters
- 23 Foundry vs. Spindles
Spinning vs. Cards
- 28 Spinning vs. Spindles
Foundry vs. Cards
- 30 Pickers vs. Patterns
Bolsters vs. "Down Homers"

FEBRUARY

- 4 Spindles vs. Cards
Patterns vs. Bolsters
- 6 Pickers vs. "Down Homers"
Foundry vs. Spinning
- 11 Pickers vs. Spinning
"Down Homers" vs. Foundry
- 13 Patterns vs. Spindles
Bolsters vs. Cards
- 18 Spindles vs. Bolsters
Cards vs. Patterns
- 20 Pickers vs. Foundry
"Down Homers" vs. Spinning
- 25 Patterns vs. Foundry
Bolsters vs. Spinning
- 27 Pickers vs. Spindles
Cards vs. "Down Homers"

MARCH

- 3 Spindles vs. "Down Homers"
Cards vs. Pickers
- 5 Spinning vs. Patterns
Foundry vs. Bolsters
- 10 Spindles vs. Foundry
Cards vs. Spinning
- 12 "Down Homers" vs. Patterns
Bolsters vs. Pickers
- 17 Patterns vs. Pickers
"Down Homers" vs. Bolsters
- 19 Spinning vs. Spindles
Foundry vs. Cards

Office League Schedule

TEAMS AND CAPTAINS

No. 1, Johnston; No. 2, Connors; No. 3, Foley; No. 4, Noble; No. 5, Lamb; No. 6, Lincoln.

TUESDAYS

October	16.....	2-4	1-5
	23.....	5-6	3-4
	30.....	2-3	1-6
November	6.....	1-4	2-6
	13.....	1-3	2-5
	20.....	2-3	4-5
December	4.....	1-5	2-6
	11.....	3-6	1-4
	18.....	4-6	3-5
January	1.....	2-4	1-3
	8.....	1-6	2-5
	15.....	1-3	4-5
	22.....	2-4	3-6
	29.....	5-6	1-4
February	5.....	3-5	1-2
	12.....	1-6	3-4
	19.....	5-6	2-4
	26.....	4-5	3-6
March	4.....	2-3	1-5
	11.....	1-4	2-6

THURSDAYS

October	18.....	3-6
	25.....	1-2
November	1.....	4-5
	8.....	3-5
	15.....	4-6
	22.....	1-6
December	6.....	3-4
	13.....	2-5
	20.....	1-2
January	3.....	5-6
	10.....	3-4
	17.....	2-6
	21.....	2-3
	24.....	1-5
February	7.....	4-6
	14.....	2-5
	21.....	1-3
	28.....	1-2
March	6.....	4-6
	13.....	3-5

Dan Duggan a Speedy Fireman

Monday night while many of the firemen were occupied with various tasks, a false alarm was rung in from a fire box in front of Bienema's store, in the Plummers section. If all of the firemen responded as quickly to the fire call as did Dan Duggan, assistant foreman of the Yard, the department would hold all records for speed. We were told by several of the fire fighters that Dan arrived with a half clean shave—one side of his face still showing the original shaving soap lather.

We suggest to Mr. Duggan, as a matter of forethought, that if the fire alarm is sounded in the middle of the night, to be sure and take a little more time. We are sure in this case it did not detract from his efficiency as a fireman.

Members of the Electrical Department are willing to receive contributions at any time from the fishermen of Whitinsville toward the construction of a floating backstop, to be used on special occasions when Robert Robinson of the Electrical Department goes on his hornpout fishing expeditions.

Mr. Robinson was out recently with several of the fishermen from Northbridge Center, and was having unusual hard luck in getting results from his many hornpout baits. One particularly wary hornpout had chewed the bait off his hook several times, when "Rob," taking special pains, snapped him out with such force that it is estimated the hornpout travelled half way to Northbridge Center from Carpenter's Pond.

It is thought it would increase the number of his catch and interest the onlookers if a special floating backstop could be constructed. It would be rather an interesting experiment at least.

To be perfectly frank, we believe "Yes, we have no bananas" has been as health-producing as "I'm getting better and better."—*Little Rock Arkansas Gazette.*



Members of the Congregational Sunday School Young Men's Class ready for dinner at their summer camp at Bad Luck Pond

Left to right: John Deeks, Walcott Owens, Kenneth Meader, Burnham Bigelow, William Deeks, Diran Dera-nian, William Courtney, Harmond Nelson, Jr., John Milne, Harold Adams, Ralph Smith, Ira Bates, Philip Philebo-sian, Carl Nordmark. Others on the camping trip who were not in the picture were Kenneth Liberty, Earl Liberty and Zaray Kizerbohosian.

Two young men's classes of the Congregational Sunday School spent a two weeks' vacation in camp at Bad Luck Pond from August 18 to September 1. William Courtney, foreman of the Plumbing Department, and a teacher of one of the classes, acted as director of the camp. They reported a mighty fine time, which report, we should judge from the photographs, was but a slight idea of the facts. They had for equipment three tents, an ice box which they constructed, and also a special camp cook stove designed by Mr. Courtney, which contained an efficient oven.

The above picture shows some of the hungry campers getting ready to partake of a hind quarter of lamb, which you will notice in Mr. Courtney's hand, about to be sliced for service. The boys wish to express their thanks to the many visitors and friends who so kindly contributed pies and cakes for the occasion.



Camp view at Bad Luck Pond

Office Girls Attend Brockton Fair

An opportunity was afforded the girls of the Main Office last week to attend the Brockton Fair through the kindness of Mr. C. W. Lasell. It was so arranged that seven of the girls, namely, Alice Magill, Eva Feen, Katherine Walsh, Mary Cook, Doris Aldrich, Catherine Munt and Mary Britton, went on Wednesday, October 3; and Lucia Bates, Mildred Sylvester, Jane Currie, Florence Baldwin and Gwendolyn Searles on Saturday, October 6.

Mrs. Sylvester, we are glad to say, came home with something to show for her trip. She won a twenty-five cent cane, for which she had to pay \$4.00. Others of the girls spent their money and time on such amusements as the "caterpillar" and "hobby horses." Miss Aldrich, in fact, thinks she may leave the office for good to take up horseback riding in the West, and perhaps next year she may make an appearance herself at the Brockton Fair in some daring feats.

When a man sets up a little shop of his own he would give anything for a 44-hour day.

Success is a by-product of working for a living.

Service Pins Awarded in the Month of October

30-Year Pin

J. L. Mooney

20-Year Pin

Jerry Sullivan

15-Year Pins

H. S. Baker L. D. Donovan

James Donovan Alv. Hall

J. Reynolds

5-Year Pins

Mart. Auderenski Anna Cooney

R. A. Henson Klaas Jellesma

Hess. Youngsma George Morrell

Gladys Hanny

Popular Member of Carpenter Shop Resigns

Harry Luther, a member of the Carpenter Shop Office, resigned his position and has moved to St. Petersburg, Florida. Mr. Luther left Friday, September 28, and sailed the next day from New York City for his destination.

Before leaving Mr. Luther was called on the telephone and asked to see Charles Sisson at his desk, as soon as possible. He had no idea that anything but the usual business of the day was in order, although he was somewhat surprised to find so many of his friends in the Carpenter Shop stock room. They presented him, through Charles Sisson as spokesman for the occasion, a travelling bag, a meerschaum pipe and a cigar holder. We know personally that Mr. Luther was very much surprised and pleased; in fact, to such an extent that he felt that he was unable to express his appreciation. We are taking this opportunity to thank, for him, the members of the Carpenter Shop for his gifts, and to express Mr. Luther's regret that he was unable to say good-bye to all of them in person.

"So Hazel is to be married, eh?"

"Yes, so I hear."

"Who is the happy man?"

"Her father."

Several of the old timers were pleased to receive a visit from Robert G. Brock, a member of the Whitin Machine Works fifty years ago. He first came here to work in June, 1866, and was employed in the Carpenter Shop, which at that time was under the supervision of Mr. Armsby. He worked in two of the different departments of the Carpenter Shop under George Rawson and Joshua Carter. He left here about 1872 and went to Wells River, Vt., where he has been in business for himself ever since. He has been manufacturing water tubs and windmills, and has built up quite a substantial business. Mr. Brock is a personification of that term, "hale and hearty." He is eighty years old and informs us that he works six days a week, without fail, at the present time. He is a veteran of the Civil War, was a member of the Fifteenth Vermont Infantry, and served under the late Governor Proctor of Vermont, who was his Colonel.

Frank Cross and Robert Brock started in the same month in the Whitin Machine Works, and in the same department.

We cannot imagine anyone who has lived more than thirty years in Whitinsville not knowing where Dennis Harrington's Paper Store was located. Such, however, is a fact; and one of the thirty year veterans of the Whitin Machine Works has been jollied considerably the past few weeks, after making an inquiry at the Pythian Building as to the location of the above mentioned store.

The steam turbine in the power house, which generates most of the electricity for the shop, was completely overhauled by Mr. Williams, a turbine expert from the General Electric Company, assisted by William Fullerton and Richard Britton of the Tool Job. These men commenced the job on October 4 and had the turbine operating again on Wednesday morning, October 10. It was an interesting sight to see the turbine taken down, with its many parts placed around it on the power house floor.

Service Pins to be Awarded in the Month of November

25-Year Pins

John Mulraney Oliv. Thomas

20-Year Pins

C. S. Ball

15-Year Pins

James Bryant James Clarke

J. W. Crabtree H. J. Deslauriers

S. C. Frieswyk William Hockendyke

J. J. Reneau

10-Year Pins

F. J. McGowan Chris. McGuire

5-Year Pins

Raymond Basinait William Farland

George Henderson Joseph Lemoine

Horm. Poulin Sidney White



We're Havin' Our Pitcher Taken
Priscilla Simmons, daughter of Denton Simmons
of the Carpenter Shop, and Nancy May Lees, daughter
of Harry Lees of the Wood Pattern Job

Frank Mateer took a day off recently to "clean up his cellar!" When we asked Frank about this, he replied that the best place around here to get grapes is in Quobin.



Lillian and Rita, children of Henry Gentis of the Roll Job

Community Gymnasium Notes

Health Is Your Best Friend

Many times have we looked back at the dust of a fleeting opportunity and then turned and gazed at our own bewildered physiognomy in the mirror and exclaimed "Fool!" Yes, dear reader, you have done this, and so have I,—but, why? Why bring our minds to attention when it is too late? Why stay hitched to the same old hitching post? After a certain length of time the mistake of letting an opportunity slip by will grow on you so securely that you will be able to stand at the old hitching post without being hitched.

Completely surrounding us at this very moment is an opportunity which should not be ignored. That opportunity is health. Times have changed considerably in the last century. In this day and age, one doesn't have to wait for one's turn at the family wash tub in the kitchen for his Saturday night bath. Don't be dominated by the idea that because someone's grandfather always slept in his socks and underwear, and lived until a ripe old age, that you can do the same and get away with it. Don't look back a century for your ideas of living, and expect to get the best out of life that life holds for you. It can't be done.

The mode of living and working in the old days was vastly different from that of today, and we will mention only two of the outstanding advantages which aided health years ago. Abundant fresh air is one of them, and exercise is the other. The average present day individual is being cheated out of both. Why? First, because we are puny subjects of migration to the crowded towns and cities with their impure atmosphere of smoke and bad odors, due to the increase in numbers of factories and mills. Second, we are slaves to the age of specialization in production. The human body was never meant to be subject to so much inactivity. Try if you can, and compare the man who sits hour in and hour out, day in and day out, at the same machine, doing the same thing, using the same muscles, and changing only

to eat and sleep, with the man fifty years ago—yes, even 25 years ago—who plowed and harrowed his land and did his chores from sun up to sun down, on the farm. Then see if it is very hard for you to answer the question why the man years ago was so healthy and rugged and lived his life to its fullest.

Science has played a very queer prank on us all. It has advanced in many ways and the man who fails to advance with it, is going to be counted out of the race.

Now to the crux of our story. Many of the big and up-to-date industries of today are seeing the increased efficiency of production brought about by the highly specialized work, but they are also seeing and meeting the disadvantages of specialization to the workman by the addition of recreational and community centers, so that the workman of today can avail himself of the needed exercise and stimulation to the body that will enable him to carry on the efficiency of not only the industry, but of the body itself.

I am afraid that in the past we have all been too concerned about the birth rates and death rates and not enough concerned about the health rate. Start today to take advantage of the opportunity to gain better health through exercise and fresh air. Help fulfill the hopes of that wonderfully humane Samaritan who has laid the foundation for a "bigger, better and healthier Whitinsville."

Women's Classes

There are eighty-four women taking gymnasium work under Miss Calhoun, at the present time. "Every one of them is a good sport," says Miss Calhoun, "and more are coming in all the time."

Gives you pep and drive
Youth stays with you
Makes you eat and sleep better
No more creaking bones
Age never comes your way
Satisfaction guaranteed
It keeps you well and healthy
Undertaker won't know you
Make up your mind now. Join!

Men's Gym Class

The Men's Gym Class being held regularly from 5.15 to 6.10 on Mondays and Thursdays is becoming more and more popular. The class now' numbers thirty-six and seems to be proving beneficial as well as enjoyable to the members.

The number of reduced waist-lines and the subsequent necessity for buying new suits caused thereby, is making Mr. MaLette feel somewhat uneasy. He is expecting at any moment to be sued for damages by some of these perspiring Adonises.

E. S. Aldren and E. J. Driscoll appeared on the floor the other evening with flashlights and diligently searched every corner of the Gymnasium. When asked by several members of the class to explain their extraordinary movements, it was learned that they were feverishly looking for the weight they had lost in previous classes. When this announcement was made, Harry Bullock, "Slim" Crawford and Mr. Kingman immediately became interested.

Plans for a business men's volley ball team are under way to compete with teams from Worcester, Woonsocket and Pawtucket Y. M. C. A.'s who have sent in requests for games.

Tennis for Girls

The floor will shortly be ready so that the girls may play tennis on Tuesdays and Fridays between the hours of 5 and 6.

Game and Stunt Night

Wednesday evening, October 10, was stunt night at the Gymnasium building. Close to 900 people attended the event and quite a few comments were made concerning the good time that was had by everybody. The only criticism made was that there were too many people in the gallery and too few on the floor. Stunt nights are planned to be held once every two months, and it is hoped that in the future more members will take part in the sports. Great credit is due Mr. MaLette and Miss Calhoun for the success of the event.

Basketball

Along the first part of November it is planned to start a local basketball league with sixteen teams, which will be divided into two sub-leagues of eight teams each. The winning teams of each sub-league will play off a series of games to determine the town championship. All players must be members of the Association.

Anyone interested in helping these two leagues to get started should consult with either Harry MaLette or "Porky" Rae.

Candidates for the Whitin Community Association Basketball Team will be picked from the members of the local leagues.

A snappy schedule is being arranged by Henry Crawford. It is hoped to have at least 16 or 18 games, but owing to the newness of a basketball team to represent our community, it may be a little hard to get started this year.

Mr. MaLette is going to try to get the Springfield College Team down for an exhibition game, and is also hoping to get Worcester Tech and Clark University on the regular schedule.

"Bill" Baird of the Yard has picked the winning team in the World Series for the past eleven years. His choice this year was the Giants. "Bill," who is also an ardent follower of local baseball, sarcastically comments on the fact that there were only eleven men on the Foundry ball team who won the pennant, and yet insists that the Foundry had to use eighteen men to beat the Yard.

Community Halloween Party

Notices have been sent out for the Wednesday night activities at the Gym for the month of October. Among the interesting events is the Barn Dance, on October 31, for members and guests. There will be a varied program of old-fashioned and modern dances from 8 to 12 o'clock. Halloween stunts will be featured during intermission and at intervals between dances. Cider, apples and doughnuts are the refreshments.

Those not in "hick" costume will be fined in addition to the regular admission ticket.

A general good time is in store for all who attend.

Singing

The first fall sing of the Front Steps Glee Club of the Community Association was held on the evening of Wednesday, October 10. The tone color was as varied as the hues of autumn; the blend of the voices had Prince Albert beaten a mile! But, say! for fun, not even the volumes of Mark Twain could hold more real enjoyment. When you feel a little blue, and you don't know what to do, go get a gang together in fair or smoky weather—get young Benny with his "uke," and you'll be happier than a duke.

Those wishing to join the Front Steps chorus will please send in their names and report any Wednesday evening at the Gym.

Robert Keeler and Robert Marshall recently inspected a cellar in town. As they came out, the first thing they met, so they said, was a large snake. We wonder if there really was a snake, or if the visit to the cellar was too much for them.



Dood Mornin'
Jackie Breault, nephew of Anna Cooney of the Packing Job

Thumps from the Freight House

Miss Helen Carpenter is a new member of the Shipping Department.

Blanche Gregory, Katherine Kiernan, Helen Carpenter and Grace McKennedy went on a hike to Woonsocket, Saturday, October 13. The last we heard of them, they were looking for someone with an automobile to accompany them, or else someone with a liberal supply of corn-plasters.

Parisian fashion changes do not annoy Fred H. Clarke very much. Fred is still sporting a straw hat.

A pig roast was held at the Wenona Club on Saturday night, September 29. Caterer Thomas Fullerton's culinary artistry was commented upon and fully appreciated by all.

Steve Ball has decided to give up smoking. Steve has always advised us that he has been smoking cigars which he has won by betting just contrary to Edgar Baszner of the Freight Office. Steve's pockets used to be filled with cigars, but—not now. Ask Steve who won the World Series Championship. He knows, much to his regret.



The Surf



At the Lobster Pound

Steam Hammer Reflections

The Editor of this valuable paper asked me the other day to write up some "Steam Hammer stuff," but having been very busy lately getting my supply of fish for the winter, and with the reflection constantly looming before me that blacksmiths are hired to work with brawn and not brains, I hardly felt equal to the task. Notwithstanding all of that, I will admit that I can talk on any subject under the sun when my listeners don't know anything about it; but as to writing, I must confess that I am at present running in low gear.

Every field is pretty well covered, and our engineers tell me that steam hammers will soon be run with more or less hot air. As a matter of fact it won't be long before that subject is more old-fashioned than an honest day's work. In these flapper times, a lead pencil and a good tongue are more to be desired than gold—yea, than much fine gold. Possessing at present only a lead pencil, I shall begin to push it without any idea as to where it will lead.

The one subject which seems to be absorbing everyone's attention is the Ku Klux Klan. Not being much of a joiner (I shall probably be in the same fix sometime as the negro who did not belong to any church or lodge, and whose family had some trouble getting a minister to bury him. Finally one pastor consented to conduct the ceremony, which he completed with the following remark: "Johnson is dead, and we hope he is where we don't believe he is.") and not feeling confident of being able to get in, I have not yet applied for membership.

To my crude way of thinking, it appears that the K. K. K. is an organization of the natives to keep us foreigners from pushing them off of the land. I don't blame them, do you? Their forefathers settled this wilderness and laid all those stone walls you see everywhere, while they rested themselves from farm work. They also laid the foundations for what later proved a great success—The United States of America. I, for my part, am willing

that their descendants should have the dominant voice in the affairs of the land. I think the people here are very tolerant. What would happen in your own country if men came from all over the world and took your positions and continually sowed the seeds of discontent and disorder? Think it over.

I have never been asked what my religion was in applying for work, nor do I ever ask any applicant such a question. A man that can and will strike a hard blow with a sledge or wield his tools vigorously is my friend and brother regardless of his religious views. Religion is all guess-work anyhow, and to my way of thinking one guess is as good as another. We send missionaries to China to convert the Chinese from their ancestor worship. I think our ancestors are entitled to a little veneration. They made it possible for me to own a "flivver!" What are you leaving to your descendants? A baseball bat, probably, and weak digestive organs, and also a disinclination for anything that looks like work.

New Freight House Truck Man Drives Nails with His Fist



Eugene Metivier of the Freight House

Eugene Metivier, a new trucking hand in the Freight House, has astonished several groups of people who gathered to witness the spectacle, by driving ten-penny nails into pine

boards of varying degrees of thickness with one blow of his powerful fist. He does this stunt with absolutely nothing to protect the palm of his hand but an ordinary handkerchief. Of course everybody doubts that such a thing can be done, and as proof we present the accompanying photograph of a piece of spruce $1\frac{9}{16}$ inches thick through which Mr. Metivier drove a ten-penny nail. The small nail was bent by three fingers of his left hand.



Section of spruce plank $1\frac{9}{16}$ inches thick through which Mr. Metivier drove this ten-penny nail with one blow of his fist

Mr. Metivier comes from Montmagny, Quebec, Canada, and has been working around automobile garages. He says he saw another fellow drive nails with his fist two or three years ago and after practicing for some time has now learned the stunt himself. He also can lift things with his teeth. He has not as yet, however, given any exhibitions along this line.

Some idea of the force of the blow required to drive a nail with a single stroke through a board of the thickness shown in the picture can be gained from the fact that an ordinary man couldn't do it in less than two strokes with a hammer.

So Would We

Pat and Mike were walking along Broadway when they happened to see the words "Lucky Strike" being written across the sky in letters of smoke by an aviator.

Says Pat to Mike: "Begorra, I'd hate like the devil to be up there in one of them machines."

Says Mike to Pat: "And, I'd hate like the devil to be up there without one of them."



1. Niagara Falls from the bridge. 2. The brink of the Falls. 3. T. C. MacMahon of East Douglas, and William Dunleavy of the Draughting Room on the Mohawk Trail. 4. Warren G. Harding's grave at Marion, Ohio.

William Dunleavy of the Drafting Room and T. M. MacMahon of Douglas, made a seventeen day tour in their Ford coupe, covering Niagara Falls; Buffalo; Detroit; Marion and Columbus, Ohio; part of Kentucky; Wheeling, West Virginia; Philadelphia; New York, and back to Douglas. This trip totalled 2,490 miles. Mr. Dunleavy took some very good pictures of the trip, especially of Niagara Falls, which he has kindly let us use for publication.

George Gannon of the Drafting Room, when he heard of the fine trip his fellow draftsman, William Dunleavy, had experienced, decided to make his honeymoon tour over the same ground. He has just recently returned after a three weeks' absence and verifies the report of the fine roads and scenery which Mr. Dunleavy and Mr. MacMahon were so enthusiastic about.

John Connors recently made a date with a school teacher friend of his. Just before the date came off, the young lady got her hair bobbed, and when John went to meet her, he walked right by her without knowing her.

George Hanna and William Denoncourt went to New York to attend the World Series.

The boys in the Supply Room are waiting for invitations to Dalton's wedding. "You mean cigars!" added Shelly Jollimore with a wink.

Fall Tennis Tournament

At the present writing the fall Tennis Tournament has gone into the semi-final round, leaving four players, Hamilton Sylvester, John Lasell, Richard Whitin and E. Kent Swift, as contenders for the championship. Those competing in the tournament were as follows: Harry Lees, Wilfred Aldrich, Harold Johnston, Raymond Meader, James Truslow, James Brown, Wesley Webster, Fred Whiteside, Earl Liberty, Harry MaLette, E. S. Alden, M. F. Carpenter, William Appleton, Walter Cain, Carlos Pruneda, Hamilton Sylvester, Harrie Phipps, John W. Latsalle, Sidney Mason, Richard Whitin, L. M. Keeler, M. J. Brines, E. K. Swift, E. S. Collins.



A photograph of Wilfred Aldrich and his pup, taken about 15 years ago

Costume Party

The girls of the Main Office attended a costume party held at the home of Katherine Walsh on Crescent Street. The hostess, Miss Walsh, arrayed herself as Charlie Chaplin. Catherine Munt was supposed to be Rudolph Valentino, and if the "sheik" had only been around that evening, he could have enjoyed a hearty laugh. Eva Feen portrayed the role of a Puritan maiden with surprising ability, while Jane Currie was a perfect model of Gloria Swanson. (A model, you know, is a small imitation of the real thing!) Florence Baldwin, with her lovely, languorous, limpid eyes was, of course, the "wampire," and the ruined family on whom the sheik and the wampire had practiced their wiles was: Alice Magill, mother; Lucia Bates, father; and Gwenny Searles, the questionable child. Doris Aldrich was another lovely baby distantly related to the plot, and Mary Cook was the bad old lady who lives in an attic, and dresses in rags, and exercises her evil influences over the young and beautiful. Oh, yes, we almost forgot Gladys Hanny—she was the horror-stricken grandmother. The first prize for the funniest costume—a handsome tin toothpick—was awarded to Miss Lucia Bates. The prize for the most beautiful gown—a custard pie of standard dimensions—was presented to Miss Jane Currie.

Herbert Rankin of the Comber Job brought in a fine specimen of twin tomatoes which were grown on Hill Street. For twin tomatoes we have never seen two more perfect.

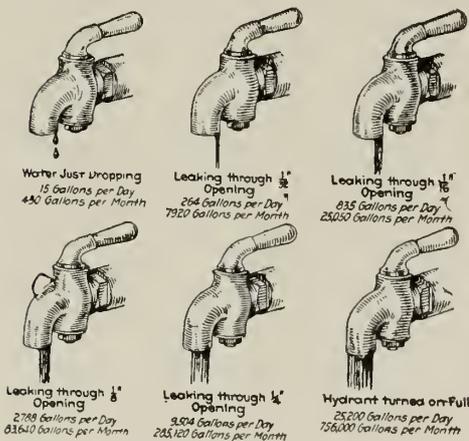


LADY NO DOUBT THAT MEN THINK HE'S "NATURAL" NEVER WERE MEN LIKE THAT'S GUS' CHARACTER WHEN BRILLIANT BRUDDER TO 21 CENTS A GALLON, GUS' READ THE SIGN HEARD AND THOUGHT HE WAS GETTING 200 1 GASH

Save Our Water

While Whitinsville is particularly fortunate in having an adequate supply of pure water at this time, other communities within the immediate vicinity are beginning to feel the pinch caused by the drought which has continued for many weeks. Let us be careful with our supply at all times. Faulty plumbing and leaky faucets should be reported immediately to J. R. Ferry.

The cut below, from the *Electric Railway Journal*, gives some almost astonishing statistics of water leakage from even so small a thing as an ordinary faucet.



Let us be careful with our supply. We may be called upon to furnish our neighbors with water!

Richard Ferguson of the Spinning Job lost a valuable beagle hound, which was run over by an automobile on the night of October 4.

(From the Cape Cod *Harness Weekly*)

Last Sunday evening all automobiles coming up the Cape were stopped at this town and questioned about a bag of fish that was found on the road at Orham. Finally two gentlemen who gave their names as Mr. J. Spencer and A. Richardson, and who claimed residence in Whitinsville, Mass., were held up because someone had reported that they were looking for a bag of fish which they had lost.

Their names and addresses, and the fact that they were looking for fish, sounded so fictitious that the constable, after cautioning them about fishing on the Lord's day, confiscated the bag of fish, and let them depart.



Left: A 2 $\frac{1}{4}$ lb. potato 7 $\frac{1}{2}$ " long, 5" wide, 3" thick, one of two brought in by Bill Dermody. At the right is a perfectly formed 2 lb. potato raised by Herman Harringa. We will announce the owner of the freak turtle potato next month

Baseball Banquet

A banquet was given to the members of the Whitin Machine Works baseball team, champions of the Triangle Industrial League, at the Uxbridge Inn, on the evening of September 27. This occasion brought to a close one of the most successful seasons in which the shop has been represented in baseball. The team won fourteen of its games and lost but four, leading their nearest opponent by three and one-half games.

The banquet, which was one of Mr. Stevens' famous chicken suppers, was interspersed with singing by those present, led by our song leader, M. J. Brines. Three solos were sung by Thomas Roche of the Milling Department, and famous umpire of the Sunset League, which were received with a great deal of enthusiasm.

E. K. Swift, Treasurer and General Manager of the Whitin Machine Works, gave a short address in which he spoke of the value of baseball to a community, and congratulated the players on their successful season.

The entertainer of the evening, Jack Sydney of the White Bureau of Boston, was greatly appreciated.

Those present were: Irving Dalton, Harry Kearnan, William Murray, Richard Malgren, Frank Leonard, Charles McKinnon, Chris. McGuire, Thomas O'Neil, Geo. Hartley, Frank White, John Leonard, Anthony Campo, Mesrop Saragian, E. K. Swift, G. B. Hamblin, S. R. Mason, D. C. Duggan, W. T. Norton, M. F. Carpenter, M. J. Brines, R. E. Lincoln, Robert Keeler, Henry Crawford, James Clark, Harold Johnston, Andrew McKaig, George Deeks, Thomas Roche, Winford Jones, David Clark, Patrick McGuinness, James Hayes, John Heys, John Shaw, Jack Sydney, Ernest Hill and James Cawley.



George Poulin of the Outside Paint Department in his role as "The Whitinsville Human Fly"

George Poulin, who has been a member of the Outside Paint Job for the past twenty years, is shown in the above photograph on top of the belfry. Mr. Poulin has had the task assigned to him of painting the weather vane for the third time in twenty years. George reports that some of the boys consider this task an easy one, but says he will give any one of them a chance to spend a few minutes up there if they desire. As a result of his invitation he has not as yet received any applications for the job. It was necessary before painting the weather vane with gold leaf, to thoroughly clean it and to add a special priming coat. Mr. Poulin states that the fine Indian summer weather which we have been experiencing was a great help in his work.



The
WHITIN
Spindle



A Part of the Ayrshire Herd at Castle Hill, a Farm of the Whitin Machine Works

NOVEMBER
1923
Vol. 5 No. 3



"UP ON THE FARM"

1. A group of new cows being kept separate from the rest of the herd so as to guard against tuberculosis.

2. View showing the farm equipment.

3. Left to right: P. S. Chesley; Julian Minot; Ernest Carey; John Paquin; Henry Vanderberg; R. O. Robie, Manager; Walter Robie; Robert Carey; Roy Willard; Robert Smith; William Smith, Herdsman

4. A group of yearlings raised at Castle Hill.

5. Homes of the Castle Hill Farm workmen.



Castle Hill Farm Horses

Castle Hill Farm

Castle Hill Farm, a very picturesque and attractive spot, is situated directly behind the Whitin Machine Works, on the top of the hill which rises from the southern banks of the Mumford River. The founding and development of this farm is a distinct compliment to the splendid character and high purposes of its original owner, John C. Whitin.

Early History

The financial panic which followed the Civil War brought with it a long period of great industrial depression, which was keenly felt by both the owners and the workmen of the Shop during those dark and uncertain days. Of chief concern to the owner, John C. Whitin, during this period, was the welfare of his many employees. Accordingly, he divided up the shop work so that all married men could have employment for at least three days a week. He then conceived the idea of providing more work for his men by clearing the ground which is now known as Castle Hill Farm. Any of his employees who so desired went to work on this project and were paid \$1 a day for their services. The ground first cleared is now known as the "hundred-acre field." Today this field is surrounded by a massive stone wall, in some places from 12 to 14 feet wide, which was built from rocks and stones picked up by the workmen during the clearing process. Peter Topp who attends the back gate of the Shop says that the building

of this wall was begun by his grandfather, Peter Topp, 1st, and completed by his father, Peter Topp, 2nd.

Although it is called the "hundred-acre field," it contains actually only about 70 acres of cleared ground, the rest still being brush wood. We are told that this project, which Mr. Whitin very appropriately called his "sinking fund," cost him enough one dollar bills to actually cover the ground cleared, when laid side by side.

In connection with this field, Mr. Levi Rasco, one of our retired veterans, tells an interesting story. He says that he accompanied Mr. J. C. Whitin the day he went up to measure the ground. According to Mr. Rasco, Mr. Whitin measured the circumference of one of the wheels on his buggy, and then tied a piece of rope around one of the spokes. As they drove over the ground, Mr. Rasco had the delightful task of counting the number of times the wheel went around. In this manner, the dimensions of the cleared ground were first discovered.



View showing the original barn, with its many wings and additions

Mr. Julian Minot, or "Joe" as he is popularly known by his associates, will have been on the farm for 48 years the first of next March. Another old stand-by is "Bob" Smith who worked for twenty years in the Shop, and who has been connected with the farm for the past 17 years. We are indebted to these men for furnishing us with most of the farm's early history.

Mr. Minot tells us that a man by the name of Henry Cook was the first farm manager that he remembers. This man, Henry Cook, was also foreman of the Shop Yard. When he died, he was succeeded by Donald Monroe, who remained only about two years. Following him was a man by the name of Nelson (his full name we were unable to secure), who held the position for about 16 years. He was followed by a man by the name of Whittemore, who stayed only about a year and a half. Then came W. M. Jones, who served for close to 17 years, and who died in August, 1920.

The original barn, which is today almost entirely covered up by new wings and additions, was erected shortly after the ground was cleared. The other buildings which make up the property, including the homes of the workmen, have been built for the most part within the past few years.

This farm was purchased by the Shop from the estate of John C. Whitin in January, 1918. The present manager, Mr. R. O. Robie, came December 15, 1920. Under his able



Pansy

the names of the farms on which they were bred, the first and last being from Alta Crest Farm, and the second from Grey Rock Farm.

The cows, all of Ayrshire stock, are most interesting. The farm's pride is "Pansy," a cow which milks around 57 pounds a day. "Madeline," the other "apple of the farm's eye," is an excellent specimen of the pure-bred Ayrshire. Because of the present cream demand, it is impossi-



Madeline

supervision the farm has expanded appreciably. Special mention should be made of the work of Herdsman William Smith, who is responsible for the splendid condition in which the herd has been kept.

Mr. Robie's Management

When Mr. Robie took charge in 1920, the farm had about 60 head of cattle, harvested about 90 tons of hay, and cut nearly 200 tons of ensilage. Today the herd has been increased to a hundred head of cattle. The farm harvests approximately 130 tons of hay, and cuts very nearly 400 tons of ensilage. The rest of their equipment consists of 7 horses, 2 tractors, a Reo Speed Wagon, 2 double teams, a single team, and a pair of oxen.

Of the seven horses used on the farm, three are prize winners. A mare named "Kate," and her colt "Major," whose pictures appear on this page, recently won first prize at the New England Fair. "General Grant," the farm's yearling draft stallion, also took a second prize at the same fair.

The farm at present has three bulls, Alta Crest Buntie Lad, four years old, Grey Rock General Haig 2nd, two years old, and Alta Crest Indian Chief, one and a half years old. The long names of these animals include



Kate Major General Grant

ble to raise on the farm's skimmed milk the necessary number of calves required each year to keep the herd going. Each year, therefore, Mr. Robie is obliged to purchase from other Ayrshire dairies a certain number of young cattle. In spite of the fact that these cows come from accredited herds, it is the policy of the management to be absolutely certain that they have no trace of tuberculosis in their blood. They are, therefore, kept separate from the rest of the Castle Hill herd until such time as the tubercular tests can be made.

When Mr. Robie came three years ago, about 225 quarts of milk were produced daily. At present there is a daily distribution of 600 quarts

to the people of Whitinsville and vicinity. It takes almost 11 quarts of milk to produce one quart of cream, and cream production at the farm runs between 6 and 12 quarts a day. This cream is of a very high variety, testing from 48% to 50% butterfat.

As soon as the cows have been milked, the milk is brought to the dairy, where it is clarified and run over a surface cooler. It then goes through the bottling machine, which fills and caps the bottles. This is a very interesting device, for it can fill 20 quarts, or 32 half-pints per minute. For distribution in the local schools, this machine turns out



A group of calves being started at the farm

approximately 300 half-pint bottles a day. When the milk has been bottled, it is stored in tanks of ice-water until needed for distribution.

This past year the management of the Castle Hill Farm took over the cultivation of the Taft Hill Farm at Northbridge, for the purpose of raising hay. This farm, comprising close to 90 acres, now gives Manager Robie a total of something like 465 acres of ground to look after. In spite of all his worries, however, a glance at his picture on the inside cover would seem to indicate that he is standing up pretty well under the strain.



Alta Crest Buntie Lad, Grey Rock General Haig, Alta Crest Indian Chief

Woman's Club Presents Pageant

A very pleasing pageant was staged by the Whitinsville Woman's Club on the evenings of November 15 and 16, in the Pythian Lodge Room. Those who attended have spoken very highly of the acting of the entire cast, and especially of the costumes which, we understand, were in most every case designed by local talent.

Thomas E. Donahue, foreman of the Outside Paint Department, was responsible for the designing and painting of the properties and the stenciling and painting of the costumes.

The Committee and personnel of the cast were as follows:

COMMITTEE

Mrs. A. S. Richardson, *Chairman*
 Mrs. E. M. Taft Mrs. R. G. McKaig
 Mrs. W. H. Greenwood Mrs. H. H. Bullock
 Mrs. E. S. Alden, Jr. Mrs. J. H. Park
 Mrs. T. E. Donahue

THE CAST

Sun God, Amen Ra: John W. Lasell
 Captive Princess: Miss Elizabeth Lasell
 King's Daughter: Miss Doris Scribner

Prologue: R. G. McKaig

Priests of Temple

H. H. Bullock B. L. Benner

King's Guards

Harmon Nelson, Jr. Kenneth Liberty }
 Earl Liberty, Jr. Kenneth Richardson }
 Kenneth Meader Walcott Owen
 Ira Bates Burnham Bigelow
 Harold Adams William Taft
 John Deeks John Richmond, Jr.

Horoscopus: Sylvester Richardson
 Heirogrammaticus: Arthur McClellan
 Scribe: William W. Brewer

Flower Girls
 Elva Ann Spaulding Betty Ballou
 King: William O. Aldrich
 Queen: Mrs. J. M. Lasell

Fan-Bearers

E. S. Alden, Jr. W. A. Courtney

Embassadors

C. Leon Houghton Robert L. Metcalf

Princesses

Mrs. R. E. Lincoln Mrs. L. J. Mulcahy
 Priest of Aton: E. J. Driscoll
 Priest of Amen Ra: A. S. Richardson

Flower Bearers

Mrs. J. H. Spencer Miss Helen Cotter
 Mrs. L. T. Barnes Miss Gladys Hanny

Harpists

Miss Lucia Bates Miss Irma Redmond
 Miss Marjorie Meader Miss Ruth Stuart

Fruit Bearers

Mrs. J. W. Dale Mrs. W. W. Brewer
 Mrs. John Redmond Miss Grace Searles

Palm Bearers

Mrs. S. R. Mason Mrs. L. M. Keeler
 Mrs. Louis Veau

Dancing Girls

Miss Marianna Noyes Miss Dorothy Ball
 Miss Virgilyn Noyes Miss G. Williams
 Miss Gwendolyn Phipps Miss Lois Nelson

Soldiers

Senior Leader, Gym Corps, from
 Worcester Y. M. C. A.

Harold Aldrich Fred Bryant
 Arthur Cameron Philip Nichols
 William Midgeley Milton Orcutt
 Albert Cederlund Clyde MacKay
 Francis Tobin Ellis Redcliff
 Fred Wilson Oliver Cammi

Northbridge Tennis Championship Won by E. K. Swift

The most interesting tennis match witnessed in Whitinsville this year came at the conclusion of the fall tennis tournament, on Monday, October 29. The finals were played between Mr. E. K. Swift and Mr. Hamblin Sylvester, on the J. M. Lasell Court. Mr. Swift, with the sets against him two to one, staged a steady comeback and won the fourth set 7 to 5, and the fifth set 6 to 4.

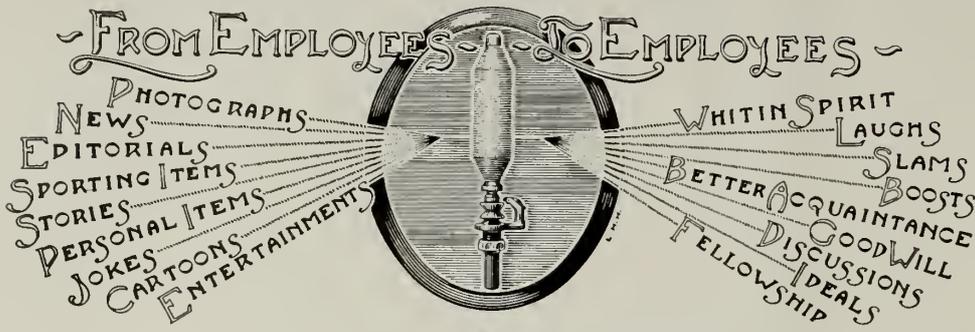
A large gallery of tennis followers showed a great deal of enthusiasm, and after the match were almost unanimous in stating that it was one of the most pleasant and exciting afternoons they had experienced on the courts.

Joseph Cahill Loses Buck-Saw

The other day Joseph Cahill came into the Shop with a buck-saw and parked it in the hallway of the Freight House entrance. Some time later, when he returned for it, he found that someone had taken it. He immediately looked up Officer John Regan and put him on the trail of it. Joe was greatly aggravated over the loss of his saw, and swore that if it wasn't returned to him within twenty-four hours, somebody was going to jail. Arthur Jackman saved the local authorities the expense and trouble of a night's lodging by returning the saw within the stipulated time limit.



Tut Ankh Amen's Sun Festival, produced by the Whitinsville Woman's Club in the Pythian Lodge Room. November 15 and 16, 1923



Published Monthly by Employees of the Whitin Machine Works, Whittinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonists

L. G. Lavallée Robert Hargreaves
John Minshul

Illustrator, L. H. Horner

Member of Industrial Editors Association of
New England

You And Your Income

How much a man receives for his services depends entirely on his own abilities. You cannot increase your income unless you increase your usefulness. Some men seem to think that their incomes should be determined by the length of their service in a particular concern. Cold calculating business pays men just exactly what they are worth—no more and no less; and while loyalty and faithfulness are always appreciated, sentimental factors seldom enter into their considerations in determining the wage scale. You can increase your earning capacity only by increasing your efficiency or your production. Make yourself a first-class workman, and thus lift yourself out of the ranks of the contented average.

While it may not always be possible for a man to control all the factors which determine his income, there is absolutely no excuse for a man's inability to apportion and spend his earnings in a sensible manner. The real test of a man's business capacity and his personal wisdom is his ability to *live within his income*, whether it be large or small. In other words, as someone has so aptly expressed it, "Don't try to run a Pierce-Arrow sedan on a motor-cycle income!"

That is one of the greatest faults of our American workmen. They

do not know how to handle their funds. They are not thrifty. If the salaries of some men were doubled tomorrow, they would still be borrowing money from their friends to "make ends meet." The things that they desire are always eight or ten paces ahead of the things they can afford. Stop "hollering" about the greed of the capitalists, and give yourself a good "raking over the coals."

If a man earns only \$20 a week, that is all that he can afford to spend. To argue that a man can't live respectably on \$20 a week is foolishness. It means sacrifice, to be sure, but it *can* be done, because *it is being done*. There comes to the mind of the writer the illustration of a personal friend, a Swedish minister, who is supporting a family of seven successfully on \$25 a week. When a man does not know how to live successfully on \$20 a week, how can he be expected to know how to handle \$100 a week?

In a little booklet recently issued by the Treasury Department of the United States Government, entitled: "How Other People Get Ahead," we find this useful and instructive table.

How Three Men Divide Their Incomes

	Tightwad	Spendthrift	Thrifty Man
Living expenses	37%	58%	50%
Education	1	1	10
Giving	1	1	10
Recreation	1	40	10
Savings	60	0	20

Which class are you in?

"Very, very sad, sir," said the doctor, "I greatly regret to tell you your wife's mind is completely gone."

"Well, I'm not surprised, Doc," returned the husband, "she's been giving me a piece of it every day for the last fifteen years."

Any Fool Can Quit

Whether you are a day laborer or president of a large company, office boy or superintendent of the works, you are sure to come to the point sooner or later at which things will not go to suit you, and you will be an unusual person if the first thing you think of is not—to quit your job.

This is the very place where you will need self-control. Just remember that any fool can quit, but the person who sticks, and makes a success of his job, overcoming every obstacle to do so, is a genius.

There are unpleasant occurrences in every job; there are obstacles to overcome by all who would rise above the work which a person can do with his hands, without the use of his head; and the extent to which a person meets these conditions philosophically, with a smile instead of a frown, will mark that person's degree of success.

If you can control yourself when you feel like saying, "I will quit," you will soon control the conditions which make you want to quit.

—NAPOLEON HILL.

The Open Mind

Someone has very wisely said that the more a man insists that he is right, the greater the probability that he is entirely wrong. A discovery may be made in some field tomorrow morning which will completely revolutionize all our accepted theories and notions along that particular line of thought.

Each one of us clings tenaciously to hundreds of creeds and doctrines which we accept as unquestionable, and which we in religious fervor are constantly seeking to thrust upon others. Our beliefs are just like houses. The man who remains constantly within the narrow confines of his own little homestead, can never appreciate the beauty of other households, nor will he ever realize that his own house needs repairing until the rains and winds have beaten through its ever-decaying shell, and damaged some part of its interior—the only part of his house which he ever sees.

Interesting Facts About Cotton

"Four score and seven years ago our forefathers brought forth on this continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal. Now we are engaged in a great Civil War, testing whether that nation, or any nation, so conceived and so dedicated, can long endure." These are the words of Abraham Lincoln himself concerning the cause of the Civil War.

Cotton and the Civil War

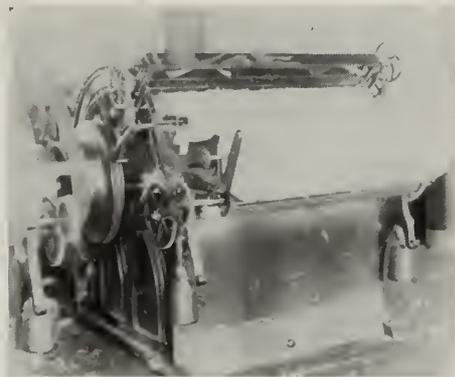
Underneath this main cause, however, if we examine more closely, we find that the country was divided into two opposing factions; the South producing raw cotton, and the North manufacturing this raw cotton into goods.

As we Northerners look back on this bitter conflict, we should strive to get rid of some of the old prejudices which have been handed down from our forefathers, and try to appreciate the Southern side of this great war. The men of the South were just as sure that they were right and just as determined in their purposes as the men of the North. That the South did not succeed does not at all prove that they were entirely wrong, nor does the Northern victory prove for one minute that the North was entirely right.

Ever since the foundation of this government, the Southern statesmen had for the most part maintained that theory of the federal Constitution which regarded the ultimate sovereignty as residing, not in the nation as a whole, but rather in the individual states themselves, which this theory—the theory of Calhoun and Hayne—held to be supreme and independent commonwealths. This Southern view concerning the sovereignty of individual states was upheld by the decision of the Supreme Court in the famous Dred Scott case (1857), when it was ruled that Congress had no right to prohibit slavery in any territory, and that slaves themselves were mere property, whose secure possession in any territory of the Union was guaranteed by the Constitution.

This question as to how far the federal government may supersede what are regarded as state rights, is even yet unsettled, as evidenced by the fact that a few of the states have not yet ratified the prohibition amendment to the Constitution, and the authorities of these states make no attempt to enforce the federal law.

As in every war, all sorts of exaggerated stories and insidious propaganda were spread through the North to arouse anti-slavery feeling. As is always the case, the truth was frightfully distorted; but the more frightful the story, the greater the antagonism aroused, so the means were justified! While there may have been individual instances of unfair and brutal treatment of the slaves on the part of a few owners, the sincere affection of Southern white children for their negro "mammies", the fine old Southern songs, "Way Down upon the



A Whitin card of the Civil War period

Swanee River", "Old Black Joe", "Massa's in the Cold, Cold Ground", and the fact that many slaves still clung devotedly to their old masters even after the Emancipation Proclamation, all stand as mute testimonials to reproach the sinister charges of the fanatic Northerners.

In the year 1793, the average price of cotton in Liverpool, England, was 36 cents a pound. For the four years preceding the Civil War, the average price had dropped to about 14 cents a pound. This great reduction was made possible by cheap slave labor, and Eli Whitney's invention of the cotton gin. The Southerners held that if any particular state desired slavery, it was no one's business but their own. They regarded it as a harmless but necessary evil. They could not profitably produce cotton

without slaves. The North, who used their raw cotton, paid (naturally) just as little for it as they could. Was it any wonder, then, that the South should resent the Northern demand to abolish the very factor which made possible cheap production of cotton in the South?

The persistent meddling of the North in an affair which the Southern states considered purely "personal", and the South's general adherence to the Calhoun-Hayne theory of the federal government, led to the inevitable conclusion—they would withdraw from the Union. The situation might vividly be compared to a large household, in which one particular member or group of members is being continually criticized by all the rest of the family. When the haggling reaches an unbearable point, the criticized party or parties threaten to leave the house. They are forcibly restrained from doing so by the other members of the household.

Considering the Southern frame of mind, they did exactly what any other state or group of states would have done under similar circumstances, and while their plans for secession may not have been wise, they felt that they were justified.

To summarize—one thing is certain: Had it not been for cotton, there would have been no slaves in the South. If there had been no slaves in the South, the North would not have interfered with what the South regarded as its own business. Without this interference, there would have been no desire on the part of the South to secede from the Union, and without such a desire on the part of the South, there would have been no Civil War. One little word explains almost everything, and that little word is COTTON.

Next month we shall devote our attention to the origin and development of cotton manufacturing in the South since the Civil War. There will be a detailed discussion of the economic factors which have made possible the tremendous growth of this industry in the South during the past few years, and also an account of the national battle being waged against the boll-weevil, the pest which annually destroys from 35% to 50% of our cotton crop.



Cards Lead the Shop League

The week ending November 17, the Card team was leading the Shop Bowling League by a safe margin, and only a complete upset will take the lead away from them. However, their position is not secure by any means, as all the teams, with the possible exception of the "Down Homers," have the necessary strength to come to the front at any time. The "Down Homers," an organization of men who come from the State of Maine, have not been hitting their stride, with the exception of William Hall, who has an average of 93.5.

On the opening night, George Hanna of the Picker team rolled a three string total of 300, with individual strings of 111, 92 and 96. Willard of the Spinning team is the outstanding star so far this season, having an average of 99.2. In rolling this average he has totals of 308, 253, 307, 331 and 289.

On the opening night of the season, Montgomery of the Pattern team rolled a three string total of 304. On the evening of October 24, Roche had a high string of 124, and a three string total of 306. Gentis, of the Card team, rolled a total of 304 on October 21, and on November 14 rolled for a total of 316, with individual strings of 122, 101 and 93. Broadhurst of the Bolsters rolled three of the most consistent strings of the season on November 5, with strings of 104, 107 and 106, for a total of 317. Willard rolled against him on the same evening and secured his high total of 331, with strings of 122, 98 and 111. Nash of the Cards

chalked up 306 on November 7, with strings of 100, 116 and 90. Marien, on November 16, rolled a total of 308, with 116, 98 and 92. Malgren, on November 14, rolled 316 with strings of 111, 103 and 102.

There have been only four matches, with a team total of more than 1,400, in the first five weeks of bowling. These were rolled by the Cards on October 29 with 1,432; the Bolsters on November 5 with 1,428; the Cards on November 7 with 1,408, and again on November 14 with 1,453. In the latter match, every man on the team rolled an average of better than 90.

Marien of the Spindles, and Nash of the Cards, lead the list of high individual strings—each having rolled a string of 125, and are closely followed by Roche of the Cards, with 124.

SHOP LEAGUE STANDING

	W	L	%	Pinfall
Cards	17	3	850	6,957
Spinning	12	8	600	6,849
Foundry	11	9	550	6,685
Patterns	10	10	500	6,766
Pickers	10	10	500	6,841
Bolsters	9	11	450	6,803
Spindles	9	11	450	6,708
Down Homers	2	18	100	6,434

Individual Averages

Broadhurst	102.0	Campo	90.0
Willard	99.2	Saragian	89.7
Roche	97.0	Dorsey	89.1
Marien	95.4	Wood	89.0
Montgomery	95.3	Hartley	88.9
Hanna	95.2	Baker	88.7
Malgren	95.0	Peltier	88.7
Gentis	94.7	Hutt	88.6
Nash	94.5	Ballard, E.	88.4
Connors	94.4	Veau	88.4
Spratt	94.1	Tebeau	88.0
Boyd	93.8	Donovan, F.	87.7
Hall, W.	93.5	Donovan, L.	87.6
Crompton	91.7	Benner	87.3
Ballard, P.	91.3	Finney	87.2
Bisson	91.1	Shugrue	86.6
Melia	91.0	Young	86.3
Paquette	90.7	Hall, J.	85.6
Brown	90.5	Hasson	85.3
Kane	90.5	McGowan	85.0
McQuilken	90.3	Green	82.5
O'Brien	90.1	Clark	78.7

High Three Strings

Willard	331	Nash	306
Broadhurst	317	Roche	306
Gentis	316	Connors	304
Malgren	316	Montgomery	304
Marien	308	Hanna	300

High Single String

Marien	125	Spratt	114
Nash	125	O'Brien	114
Roche	124	Campo	112
Gentis	122	Donovan, F.	112
Willard	122	Hanna	112
Hutt	117	Malgren	111
Saragian	116	Montgomery	111
Connors	114	Broadhurst	110

First Round of Office League Completed

The Office Bowling League has entered on the second round of its schedule, each team having rolled once against the other. As a result of the first round, the team that shows the most strength is team No. 3, under Captain Jerry Foley. No. 4 team, under Captain Noble, which was picked as a leader on paper before the season opened, is in second place at this writing, being only four points behind the leaders. Four points as they are scored this year practically stands for half a match.

On the opening night of the season Henry Crawford, on No. 5 team, established a five string total of 503, which has not been passed up to date. Harold Johnston, Captain of No. 1 team, rolled a total of 496 on the same night, and on November 6 came close to passing this total when he rolled 494.

On October 30 the high team total of the season was rolled by team No. 2, under Captain John Connors. They came within 9 pins of breaking the League record for this total, which stands at 1,898. Irving Dalton of the Supply Office, rolling as the last man on the team, was the dark horse of the evening, coming through with an average of 97.2 for the evening, with strings of 91, 100, 96, 97 and 102. Connors had an average of 98, and James R. Ferry, the veteran bowler of the League, finished with an average of 97.6. They were prevented from whitewashing their opponents in the third string, which they lost by four pins.

No. 3 team, under Captain Foley, had a large evening on November 13

when they defeated No. 1 team 7 to 0. In shutting this team out Foley rolled an average of 99.8, tying his team-mate, McGoey, for the honors of the evening. This team had the best chance any team has had to break the high team total, but were prevented from doing so due to a slump by Park, who secured only 404 pins, in comparison with his 463 on the opening night of the season.

On Thursday, November 14, team No. 6 hung up the high team string total with 419. In making this score, Lincoln rolled 119, Driscoll 107, Carpenter 99, and W. Crawford 94.

With one quarter of the season through we are still nine pins behind the high five string record of last year, and eight pins behind the high single string record. There is no reason to believe that the records of last year will not be passed with the teams going as well as they have been.

If these records are beaten it will show that the individual bowlers are improving, as last year we broke practically every record in the League.

Harold Johnston is the outstanding bowler of the season, with an average of 97.8. His rolling has been very consistent, having obtained the following totals in his first five matches: 496, 482, 481, 494, 492. With this average he leads the League, followed by Cain of the Production Department, with 93.5.

OFFICE LEAGUE STANDING

	W	L	%	Total Pinfall
Team No. 3	25	10	714	9,000
Team No. 4	21	14	600	8,771
Team No. 6	20	15	571	8,811
Team No. 2	17	18	486	8,786
Team No. 5	14	21	400	8,647
Team No. 1	8	27	229	8,615

Individual Averages

Johnston, H.	97.8	Lamb	87.1
Cain	93.5	Scott	87.0
Foley	93.4	Carpenter	86.5
McGoey	92.3	Crawford, W.	86.5
Connors	92.2	Park	86.2
Ferry	90.7	Wild	85.0
Driscoll	89.9	Dalton	84.8
Lincoln	89.9	Greenwood	83.8
Crawford, H.	89.6	Johnston, E.	83.3
Noyes	87.7	Ball	82.2
Adams	87.5	Whipple	81.0
Brennan		80.3	

High Single Strings

Connors	120	Cain	114
Lincoln	119	Crawford, H.	114
Foley	116	Scott	112
Johnston, H.	115	Ferry	111
Noble		111	

High Five Strings

Crawford, H.	503	Cain	490
Foley	499	Connors	490
McGoey	499	Driscoll	490
Johnston, H.	496	Ferry	488
Dalton		486	

Avoid Infections



"Nothing but a scratch," said Jim as he bound a slightly bleeding thumb in his soiled handkerchief. He continued with his work.

Two weeks later, Jim awoke to find a nurse holding his pulse. He found himself, as he remembered he had been before the anaesthetic, on a hospital cot.

"You will never use that right hand again," said the doctor with a sympathetic inflection of voice.

That, briefly, is the history of "nothing but a scratch." Let Jim tell you his experiences after receiving the scratch.

"I was workin' out in the yard, at the plant. I had been carryin' scrap for the furnaces, loadin' it on the carry-all. One of the pieces was ragged and edged and when I dropped it, it sort of caught my thumb, scratching it. Didn't even hurt. You know the kind.

"I just pulled my handkerchief out of my pocket and wound it around my finger as I always had done before when I got scratched. Forgot it all and went about my work.

"Next morning, when I got up, I noticed my thumb was a little sore. I didn't pay any attention to it even then, thinking that it would be all right in a day or so. But the next day my arm ached, and that night, when the pain reached my shoulder, I went to the doctor.

"Blood poisoning," said the doctor and from the look on his face I could tell it was something pretty serious.

"Well, he had to lance my arm two or three times to drain it and finally, after about two weeks, I had to have my thumb nearly cut away and new skin grafted on. My hand and arm swelled to nearly double its ordinary size. Now look at it. Besides being useless to me it sure won't help me in getting any blue ribbons in beauty contests. I never saw anything so fast in my life as this blood poison when it gets you. Believe me, next time I'm going to hike for first aid immediately if not sooner."

Jim's case is only one of hundreds of others occurring daily. On every piece of material—in the air, even—lurk microscopic germs, each one a potential destructive force. Their potentiality lies only in an open wound. If they gain access to the blood or even to the tissue through a scratch, cut, laceration, abrasion, etc., a surgeon's attention is usually necessary.

Blood poison, lockjaw, and erysipelas, any one of which may prove fatal and any one of which is, at the least, extremely dangerous, are caused from infections of scratches, cuts, lacerations, and abrasions, left unattended.

The cuts or scratches should be treated at once. If there is no plant nurse or physician or no private physician within easy distance treat the wound yourself immediately.

Wash the part thoroughly with soap and water, flushing the abrasion out well to remove any particles of dirt. Then dry it with a clean towel or a piece of gauze and paint it and the surrounding area of skin with tincture of iodine, 5 per cent. Lastly, apply a small pad of antiseptic gauze over the wound and bandage it up. If this is done carefully, it will always prevent infection and its consequences.



A string of 32 yellow perch, caught by Charles Burlin at the Cape, recently. The shingles on this house are 6 inches long

Steam Hammer Reflections

By C. T. BURLIN

In previous articles we have told a very truthful story of what happened to a blacksmith in ancient times. We will now relate the story of an interesting blacksmith of modern times, taken from a book owned by E. T. Clary, entitled *Forty Immortals of Worcester and Its County*, and issued by the Worcester Bank and Trust Company.

Elihu Burritt

The "Learned Blacksmith";
Reformer and Linguist
1810-79

By the time Elihu Burritt was thirty years of age he had mastered fifty languages, and this while toiling all day at a Worcester forge. He spent his nights alone in study.

He scarcely had had a common-school education, for he had been set to work as soon as he was old enough, and had saved his earnings with the hope of getting an education. The little money that he had scraped together was swept away in the financial panic of 1837—and all of the hopes of getting to Europe went with it. So Elihu Burritt walked from his birthplace in New Britain, Connecticut, where he had been born in 1810, to Boston. The ship on which he hoped to take passage had sailed, and young Burritt, hearing of the American Antiquarian Society in Worcester, tied up his few earthly possessions in a handkerchief and trudged from Boston to Worcester—in order to see the wonderful library where books might be read for the asking.

He secured work at a local forge, where he was given \$12 a month wages. Slowly his fame as a linguist spread, until one day a manuscript, apparently written in Danish, was brought to him for translation. Harvard had given it up. After some difficulty Burritt succeeded in translating the strange account of a vessel that had been wrecked on the South Sea Islands. The paper proved to be written in the dialect of the natives, and Boston underwriters awaited the story which Mr. Burritt produced. This and other successes gave the

young linguist the courage to write to William Lincoln of Worcester, offering his services as a translator of German. The communication greatly impressed Mr. Lincoln, and he saw that it reached the hands of Governor Edward Everett, who read it before a Teachers' Institute. There Burritt was given the name that has come down in history—the "Learned Blacksmith." Boston papers printed the Everett speech; other papers copied it; and shortly afterwards an opportunity came for the young blacksmith to lecture in various places. He also was connected with the *Christian Citizen*, a weekly paper published in Worcester, devoted to temperance, self-culture, anti-slavery, and peace. This is said to be the first publication in America giving definite space to the cause of peace. The idea of international peace took possession of Elihu Burritt's mind. So saturated was he with the idea that in 1846, feeling that he had a message for Europe, he sailed on the *Hibernia*. His "League of Peace" mission which had taken firm root in America was destined to bear rich fruit across the Atlantic. He was given a royal reception in England, and the League which he formed there was called the "League of Universal Brotherhood." Peace congresses were held at Brussels, Paris, Frankfort - on - the - Main, London, Manchester; and famous names—among them those of Victor Hugo and Carlyle—were associated with the meetings.

The great blow to Elihu Burritt's League came, not in Europe, but in America, on the outbreak of the Civil War. It seemed to this apostle of peace that all of the splendid work done on both sides of the Atlantic went for naught. At the close of the Civil War he served the United States as Consular Agent at Birmingham, England, the scene of his early efforts on behalf of international peace, and while there he was instrumental in reducing the postal rates between England and America. In 1870 he retired to his birthplace, New Britain, Connecticut, and there passed the quietest portion of his life. His death occurred in 1879. Today few know Elihu Burritt as the "Learned Blacksmith," fewer still know him

as the apostle of international peace, but book-lovers know his "Walk from London to John O'Groat's" and "A Walk from London to Land's End and Back." Burritt stands alone in that he had mastered fifty languages.

John Minshull Tries Nail Driving Stunt

John Minshull recently undertook to build himself a radio, so he asked John Rauth to help him put it up. They planned to have the antenna run from the house down to the garage. All they needed were a few insulators, so Minshull went to the Supply Room and purchased from Frank Mateer two insulators which he thought would serve his purpose.

His lack of knowledge of insulator brackets (which are, of course, made of hard wood) resulted in Johnny's attempt to drive no less than nine spikes through one of them, without the faintest idea as to what the holes in the brackets were made for. After several rounds of "heavenly communication," John disgustedly wrapped up the bracket and returned it to the Supply Room. He could not understand why Frank had sold him such hard wood. Frank Mateer showed the bracket to Thomas Hamilton and Henry Dolliver, each of whom in turn asked John what the holes were for. If any of you readers of the SPINDLE think you can run fast enough, just ask John what the holes were for, the next time you see him.



John couldn't seem to drive a nail through this hard wood

Service Pins Awarded in the Month of November

25-Year Pins

James Leitch John Mulraney
Oliver Thomas

20-Year Pins

C. S. Ball Robert E. Ferguson

15-Year Pins

James Bryant James Clarke
J. W. Crabtree James Donovan
S. C. Frieswyk William Hockendyke
J. J. Reneau

10-Year Pins

Frank McGowan Chris. Maguire

5-Year Pins

Raymond Basinait William Farland
Joseph Lemoine Alice Magill
Horm. Poulin Sidney White
J. F. Howell

John D. Feen Writes From California

Former Freight House Hand Is Greatly Impressed by Picture Showing Traffic Regulation at the Freight House Entrance which Appeared in the August-September Issue of the "Spindle."

c/o Western Electric Co.,
680 Falsom St.,
San Francisco, Cal.
November 10, 1923

Editor,
Whitin Spindle,
c/o Whitin Machine Works,
Whitinsville, Mass.

DEAR SIR:

I've just received the September and October issues of your magazine, and believe me they sure were interesting.

I'd like to make a few comments, and hope neither the Editorial Staff nor the readers will take any offense at what I write.

Kindly refer to your photograph of the traffic scene in front of the Freight House (Aug.-Sept. issue, page 17). I crave information as to who is the traffic cop on duty there? Say, what in the world is he doing there? Some day he'll get hit if that auto ever comes through town again. The banana wagons sure make the picture artistic. Yes, it always looks better to have a little foreign taste in a

traffic scene; either a banana wagon or a hot tamale shop. Now don't you think that the traffic cop should be transferred to that busy district in front of Saffit Mohammed & Co.'s Grocery Store? You mentioned something about the place being robbed.

Somebody told me Patsy Sullivan was a member of the police force. More power to you, Patrick! I wonder if he still attends the weekly ladies' sewing circle.

I notice another picture. It was of Johnny Orr returning from a fishing trip. He was wearing army fatigue clothes. Sure looks natural in 'em.

Say, is Johnny Steele married? If so, why not? Wise crack No. 764,408.

Putting all foolishness aside, the town has certainly improved since 1919. That picture of the view of Memorial Square was sure a good sight. If the town is as it looks in that picture, it must be a paradise. I wish I could be there now. It sure looks clean, and I can boast that there isn't a town in the country that's got anything on "Whitinsville." I'm only hoping for the day when I can go back.

I've been working for the Western Electric Company for over a year in the General Offices in this town. This last remark, I know, will be a surprise to many who knew me when I was younger. I'm making good out here, and here I stay till I get what I'm staying for.

Well, "bon sewer," as us Irish say.

JOHN D. FEEN



Left to right: Hilda Vanderklock, Sadie Wiersma, Grace DeVries, Rose Beaudoin

Strategy

"I told him he must not see me any more."

"Well, what did he do?"

"He turned out all the lights."

Service Pins to be Awarded in the Month of December

30-Year Pins

Enoch Malkassian John Morrow

25-Year Pin

Robert K. Marshall

20-Year Pin

Moos. Vartanian

15-Year Pin

Moses Malkassian

10-Year Pins

George Hetherington Osman Mamed

5-Year Pins

Edmund Bruillette Theodore Douville
Margaret Duncan H. N. Hayward
George Henderson Robert Thurston
Norman White M. J. Young

NOTE: We neglected to include John Williams, who should have received a thirty-year service pin during the month of October.

B. R. Sweet Promoted

B. R. Sweet has recently been promoted to No. 2 Office and is now supervisor of Spindles and Bolsters. Mr. Sweet has been a member of the Whitin Machine Works since 1879, and has been connected with the Spindle job since 1888. He was made second hand in January, 1889, and foreman in 1899. It was in appreciation of these thirty-five years of service as foreman of the Spindle job, that Mr. Sweet was presented by the members of the department with a Hamilton watch and a chain on Saturday, November 10.

Mr. Sweet was taken entirely by surprise. Prior to the presentation, he was asked to come down part way on the job to investigate a minor trouble; at the same time everybody left their machines and came over, apparently to "butt-in" on the investigation. The reason for the extra interest was soon discovered, and congratulations were extended to the former leader of the department.

Community Gymnasium Notes

Spirit

Have you ever stopped to think what the word "spirit" means when applied to a group such as colleges, schools, communities, etc.? Spirit to my mind is the full-grown, full-blooded brother to Loyalty. In fact, both are so closely related that it would be very convenient to think of them as twins. Behind every large project which has been destined to aid humanity has been that indomitable spirit, that loyalty to a cause, to see it through, to forge ahead, to make it a success. Every individual who is the honest, upright, blue-blooded type of humanity has within him a spirit and loyalty unto himself which, if handled in the proper way and at the proper time, will not die. And when any individual sees anything worthy of his support, he enters into it with all his own spirit and determination to help make it a success.

Now one person alone cannot swing any important movement, but his spirit and humane qualities will become contagious, and soon others will enter in to help push a worthy cause ahead, and so after a little while you have many people working toward the same goal and ideals; and any enterprise which has behind it the good will, loyalty and spirit of human welfare and development is bound to win.

Why do colleges and schools have their cheering sections at all of their games? Their big rallies before the games? Nothing more than to create a spirit in the team and let them know that everyone is behind them to a man, and will stick with them regardless of the outcome.

Here is a team that has lost the game, yet you see hundreds of the people rush out to the field or floor and pat the players on the back, and congratulate them on the plucky fight which they put up, and encourage them one and all. What are they doing? They are merely showing their appreciation for the effort given. Anyone can congratulate a winner;

this takes no effort at all, it is merely natural; but to congratulate the loser, one must have the spirit of true brotherhood and loyalty to a cause.

Now it is a ten-to-one shot that none of these fellows knew each other before coming to college, not even each other's name, age, where he came from, what his religion is,—it made no difference; they had one thing in mind: *Their College*. Is there any difference when we turn it around and say—*Our Community*? *None!* We are all human, born of the same God and Master; all of us should be striving to help the other fellow at all times. Johnny Jones may be a little colored boy. Is he different? Is he not one of God's children? A human being with the responsibility of living and existing among the rest on this earth? Here are a lot of other people representing many different nationalities and creeds; some may be Baptists, others Catholics, Congregationalists, Methodists, Mohammedans, and so on down the line, but still they are all human, our brothers and sisters—each one an integral part of this great, live, throbbing universe. Is there any reason why one should feel above the other? *None!* Rather, I should say, feel beneath him, and try to lift him up out of his difficulties. This would be a more worthy deed to perform.

Our new community building was built with one big ideal and goal ahead—"to bring together, on common ground, all factions, and all people, and all creeds and religions, and thereby create a community spirit and fellowship among us which would foster the true ideals of mankind."

Soon there will be community association teams of various types representing our community in competition. Let us all vow to stand for clean and wholesome sport and fair tactics from the beginning. Let us all help build such a reputation that other communities will know us and speak of us as the "square deal town," where sport is for sport's sake. Let us lend our moral support and loyalty to our community, so that all will know that there is a spirit in Whitinsville that is true, wholesome, and one that will never die.

HARRY L. MALETTE.

Life Saving Corps Started

From the second until the seventh of November, Captain Robert B. Miller of the American Red Cross was in Whitinsville to assist Mr. MaLette in examining and starting the first life saving corps ever registered in this town. Owing to other pressing engagements, Captain Miller was unable to stay as long as he would have liked to, and consequently had to leave before all the members who were out to take the test could finish up. However, Mr. MaLette will finish them up in the very near future.

Those who came out to take the test were the following:

Senior men: Albert Porter, Pete Houghton, Robert Henson, Leon Houghton, Arthur Ashworth.

Senior women: Mrs. Mulcahy, Bertha Wood, Edith Fullerton, Linda Birchall.

Junior boys: Jack Brines, Robert Marshall, James Houghton, John Longmuir, Leo Donahue, Oliver Walker, Edward Kearnan, Chester Lamb, John Driscoll.

Junior girls: Ruth McSheehy, Constance McSheehy, Agnes Donahue.

The following are the ones who finished, and successfully passed the examinations: Jack Brines, Oliver Walker, James Houghton, John Longmuir, Robert Marshall, Ruth McSheehy.

The other above-named will finish their test as soon as possible.

A large and efficient Red Cross Life Saving Corps is one of the ambitions of Mr. MaLette for the town of Whitinsville. Surrounded by so much water there is urgent need for such a corps to patrol our shores. This is a good start, and it is hoped that by next summer there will be at least fifty members of the Life Saving Corps to help avoid any recurrence of last summer's tragedy in the ponds. When the next examinations are held we hope to see more persons out to avail themselves of this valuable information of how to save yourself and also others.

Hank says to his wife the other night, "I sure miss that cuspidor."

"You always did miss it," says Mrs. Beasley, "that's why I threw it on the trash pile."—*Universal Winding*.

"Nut Leagues"

The Basketball Nut Leagues are in full swing now in the Community Gym, with definite organization in each League. The Leagues are in the following classes:

Men's Class: 8.05 to 9.20, Tuesdays and Fridays. President, Harold Johnston; Secretary, Newell Wallace; and six Captains: Mike Jackman, William Scott, George Deeks, James McGuigan, W. J. Bogie and Zebe Smith. The above-named men make up the Executive Committee of this League.

High School Class: 2.30 to 3.45 Mondays and Thursdays. Executive Committee: President, Robert Marshall; Secretary, Billy Graham; Captains: Bubber Carroll, Billy Graham, "Slats" Adams, Ed Kearnan, Jack Brines and Robert Marshall.

Employed Boys' Class: 7.00 to 8.00, Tuesdays and Fridays. President, William O'Connell; Secretary, James Colthart; Captains: Tim Horan, Walter McGuire, H. Rasco and James Ashworth.

Some very close games are being played in all the Leagues and the fight for the championship pennant is destined to be a close one. This system of "Nut Leagues" is the method used by Mr. MaLette to develop basketball players to represent the Association in future years, all schooled in the art of defense and offense, clean basketball and good sportsmanship.

The Pastor: "So God has sent you two more little brothers, Dolly?"

Dolly (brightly): "Yes, and he knows where the money's coming from. I heard daddy say so."—*Fleur de Lys.*

Pat: Shure, Mike, an' can yez tell me what an anthem is?

Mike: Yes, Pat, an' oi can. If oi was to say to yez, "Pat, give me that shovel," that wouldn't be an anthem; but if oi was to say "Pat, Oh Pat, give me, Oh give me, give me, Oh Pat that shovel, that shovel, Oh Pat, that shovel, that shovel, Amen, Amen," why that would be an anthem.



A High School Gymnasium Class

High School Class

Much interest is being shown in the High School classes at the Gym. The boys have their Nut League in basketball fully organized, and some very close games are being played.

Each boy has contributed twenty cents as an entry fee into the League. All this money will go toward purchasing a large championship banner, to be given the winner at the end of the season. This banner will be on display in Mr. MaLette's office in a few days.

The boys in the above picture from left to right are: Adams, Crawford, Brines, Walker, Tom Marshall, Hinchliffe, Walsh, Postma, Snow, Ashworth, Sullivan, English, Haggerty, McGuinness, White, Lamb, Redmond, R. Marshall, Malkassian, Keeler, Kearnan, Magill, Carroll, Brines, Martin, Cooney, Barnes, Brennan, Davidson, Powlowski, Keyes, Longmuir, Benton, Taft, Bolliver, Deeks, Nelson.

A POINTED QUESTION

It was at a college dance. The young man had just been introduced to her, and after a brief and awkward silence he ventured: "You are from the West, I understand?"

"Yes, from Indiana," she replied. "Hoosier girl."

He started and flushed deeply. "Why er-really," he stammered, "I—I don't know—that is, haven't quite decided yet."—*Boston Transcript.*

November Health Jabs

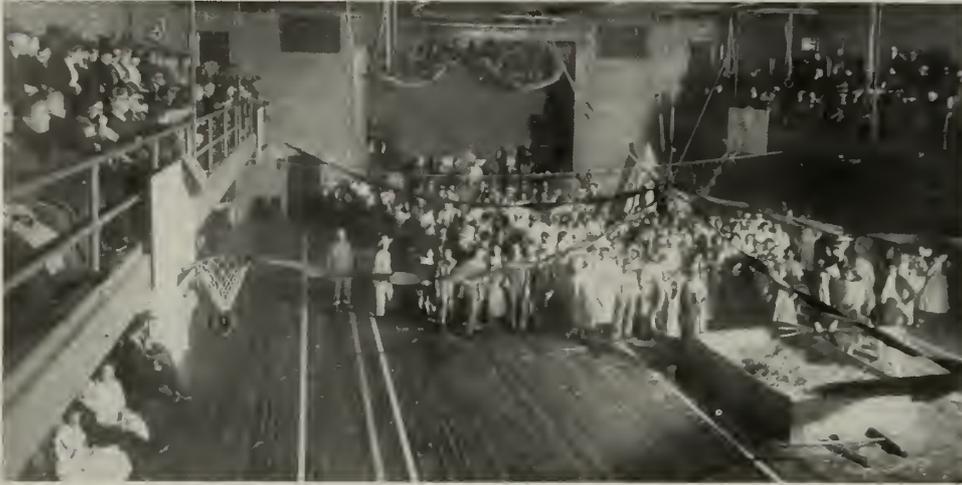
1. Sleep with your window open and your mouth shut.
2. Stand up straight, there's a lot more ahead of you than there is on the ground.
3. Thin soup never made anyone fat.
4. Health is wealth; don't be a spendthrift.
5. Those holes in your bread are to hold butter.
6. When you're hungry between meals, eat a glass of water.
7. A stooping body is like a kinked hose.
8. Setting-up exercises keep you on your feet.
9. Three hearty meals are worth a whole day of bites.
10. The first course of every meal should be served in a wash bowl with two hands and a bar of soap.

Gym Jottings

The basketball season will open with a series of games which will begin December 1, Saturday. Save your Saturday nights for basketball. Admission will be well within the reach of everybody.

Older Men's Volley Ball Tournament

In the men's class, at 5.15 every Monday and Thursday, interest is running high in the Volley Ball tournament. There are four teams in this class, with the following Captains: Phil Walker, Mr. Alden, Mr. Larkin and Mr. Foley.



The Halloween Dance

Halloween Hick Dance

Some dance! That's the way everyone felt about it. The Gym was decorated in Halloween colors, orange and black, and the stage was a beautiful picture to look upon.

Over 900 people in all enjoyed the evening, and it is our pleasure to express their appreciation to those who conceived the idea and who had this affair in charge. It was no easy task, though a pleasant one, to decorate and arrange. But one thing is certain, we never need go far away to seek for talented decorators.

The whole affair sprang from an unselfish and commendable idea of Miss Marion Wood, "To raise some money to help defray the expenses incurred in maintaining the building." The Chairman of the Entertainment Committee, Mr. Albin Nelson, knew whom to select to make sure of a success—Charles Snow, whose genius for interior decorations made possible the attractive stage. Misses Katherine Munt, Marion Wood, Edith Fullerton, Katherine Walsh, Mrs. Sylvester, Messrs. Henry Crawford, George Hartley, Harold Johnston, Edward Driscoll, and William Carrick constituted the Committee.

It is impossible here to mention individually the work of the Committee members, but it would also be unfair not to say that each one labored earnestly and unselfishly to make the dance a success, whether it was decorating, serving cider, doughnuts, or patiently selling tickets. All praise to them for their splendid spirit. Let's all follow their example.

The slide afforded fun for all, and many a hearty laugh followed the descent of some slider or "slideress" who plumped into the straw with dignity forgotten and the joy of Halloween in its place.

Then how we did like to hear our future told and weren't those dances fun! A good quadrille holds as much real fun as any modern dance—more, many of us think, and we're no old fogies either!

Hick costumes prevailed with all sorts of trimmings, from rabbit skin whiskers to the real thing. But Halloween costumes lent color and contrast. The judges of the costumes were, Mrs. Lincoln, Mr. Halpin, Mr. Robert Brown and Mr. Daniel Dugan.

Harold Firth won the first prize for the best hick costume. You were certainly there Harold! The prize was a rooster. Lucky for Harold, Albin Nelson had it in a crate. Mrs. Joyce deservedly won the ladies' prize—a jug of cider, b'gosh! Irene Rothwell won the prize for the best Halloween costume, with Miss McEndy a close second. There were many who didn't even know Mr. Lawrence Keeler was there; his disguise was corking! Only the lack of a winsome, demure expression was his hard luck (and think of the prize).

"Don't forget the cops." We won't. They, too, showed a real spirit of unselfishness.

"SOME DANCE! LET'S HAVE ANOTHER."

Safety Meeting

On November 7 the Safety Meeting, which was primarily and principally for the foremen of the different manufacturing concerns in the town of Northbridge, was held, and others who were interested were asked to attend. A very interesting and helpful evening was enjoyed. Mr. Lewis McBrayne, manager of the Massachusetts branch of the National Safety Council, was the speaker. His topic was "Safety in an Industrial Community."

The Committee on Arrangements consisted of Mr. William Aldrich, Mr. William Norton, Mr. Amos Maddox and Mr. Stuart Brown. The Whitin Machine Works graciously provided the guests with corn-cob pipes and packages of Mayo's tobacco, which were appreciated as evidenced by the expressions of thanks which were given out by those who received them.

Three films were shown: two comedies, "The Traveling Salesman" and a "Chaplin" comedy; and a safety film which was especially made by the National Safety Council called, "Ask Daddy."

The benefits of such a meeting are very urgent, and it is hoped that in the future several such meetings will be held. The manufacturing concerns represented were: Whitin Machine Works, Whitinsville Spinning Ring Co., Whitinsville Cotton Mill, Linwood Cotton Mill, Paul Whitin Manufacturing Co.

Ed Driscoll of the Payroll Department took a day off on Monday, November 19, to go to Worcester to see the *Shenandoah*, the giant Navy dirigible. The big airship was plainly visible from Whitinsville, and most of the people who went to Worcester to see it got there too late.

While the girls from the Main Office were watching the ship from the roof of the Administration Building, Mrs. Sylvester claims that the commander leaned out and waved to her. We are not surprised!

The boarders on the third floor of Blue Eagle Inn have complained to the management that Harold Johnston is taking ukelele lessons.



1. Camping party at Washington, D. C. Left to right: Mr. and Mrs. Joshua Carter, Mr. and Mrs. Harley Keeler Mr. and Mrs. Wybe Kortekamp. Joshua Carter, now of Washington, was formerly a member of the Carpenter Shop. He helped to build the Chester Lasell House. 2. The camp at Gettysburg. Mr. Kortekamp and Robert Keeler prepare supper. 3. Some peanut roaster. 4. Monument of the Twelfth Massachusetts Volunteers at Gettysburg. 5. One of the joys of motoring.

A set of vacation photographs were given us by Harley E. Keeler, foreman of the Cylinder job, which are evidence of a pleasant camping trip of over 1,400 miles. The party consisted of Mr. and Mrs. Keeler and their son Robert and daughter Margaret. Accompanying them in another machine were Mr. and Mrs. Wybe Kortekamp. Mr. Kortekamp is also a member of the Cylinder job.

In the two weeks on the road they visited Gettysburg, Pa., and were much interested in the trip through the battlefield. They spent six days at Washington, and took in Atlantic City and Philadelphia on the return trip. They report mighty fine roads throughout the whole trip. They came back via the Mohawk Trail.

A clergyman, anxious to introduce some new hymn books, gave the clerk a notice after the sermon. The clerk had a notice of his own to give with reference to baptism of infants. At the close he announced: "All those who have children they wish baptized, please send in their names at once." The clergyman, who was deaf, assuming that the clerk was giving his notice, arose and said: "And I want to say for the benefit of those who haven't any, that they may be obtained from me any day, between three and four o'clock, the ones with the red backs at 25 cents and the ordinary little ones at 15 cents."

—FORBES.

Blacksmith Shop Goes Freight House One Better

Frank Fowler Drives Ten-penny Nail through 2½" Brick with His Fist

After reading in the last SPINDLE about Mr. Metivier of the Freight House driving ten-penny nails through spruce and pine planks, Charlie Burlin and Frank Fowler of the Blacksmith Shop set to work on a series of experiments. As a result of their investigations, one of the SPINDLE editors was called to the Blacksmith Shop office, and witnessed an exhibition of strength which far surpassed anything in this particular line that he had ever seen before.

Mr. Fowler placed an ordinary pocket handkerchief over the palm of his right hand and grasping the head of the nail with his fist, drove it straight through the brick shown in the accompanying photograph. The exactness of Mr. Fowler's aim,



The famous brick through which Frank Fowler drives ten-penny nails

and the tremendous impact of the blow, is indicated by the fact that the brick did not break off at the point where the nail entered it; in fact, it did not even crack.

Mr. Fowler, who lives at 44 D Street, was born in England in 1887. He is 5' 8½" tall, and weighs around 140 pounds. He came to this country when he was a young man, and began work in the Whitin Machine Shop in May, 1907. He is married, and has six children.

When asked concerning the source of his remarkable strength, he replied: "I always get into bed before midnight or as near thereafter as possible; I eat three meals a day, and work nine hours a day, except on Saturday when I only work five hours. My motto of life is 'Live and grow strong,' and I can say after the fashion of Coue, 'Every day in every way, I am growing stronger and stronger.' I have never known a sick day in my life and I've had everything from dandruff to ptomaine poisoning. I have no living relatives except my wife and children, and a brother who was killed in the Spanish War."

Sachu-Literary Club Gives Supper

At the home of Blanche Gregory on Sunday evening, November 4, the ladies of the Sachu-Literary Club gave a chicken salad supper—mostly lettuce. Mr. Montgomery said that he had so much chicken that he got the chickenpox.

The literary program included a long discussion of Captain Billy's "Whiz Bang," and the story "Poor, but Beautiful," which appeared in the October issue of the *True Story Magazine*.

Following this impressive literary indulgence, the rest of the evening was spent playing games. In some unknown manner, Arthur Jackman, the Postmaster, broke the hall bannister.

"Waiter," said the customer, after waiting fifteen minutes for his soup, "have you ever been to the zoo?"

"No, Sir."

"Well, you ought to go, you'd enjoy watching the turtles whiz past."



On the seat: William Scott and Leo Kennedy. Standing: William Skeels and Daniel Sheehan

Bugs from the Cupola

John Jellesma who has just taken unto himself a wife, began his duties one cold morning as household fireman. After lighting the oil stove, he went down into the cellar to do some chores. When he returned he was shocked to find that his wife's complexion had changed from white to black. A conversation ensued which lacked the usual endearments of newlyweds, after which John was fully instructed as to the proper method of lighting oil stoves.

"Bill" Deane has shot two foxes ahead of his new dog this season.

The annual Rabbit Pie Supper of the hunters, known among themselves as the "Upstreets" and "Downstreets," was held at the Mumford Gun Club on Thursday evening, November 15. Eighteen rabbits went into the various home-cooked pies to make up one of the best suppers prepared by the various sporting clubs of this vicinity.

Including the guests there were thirty-eight people who sat down to the banquet board, and everybody paid attention to the business on hand, from the time the first pie was opened until the final wind-up of apple pie and ice cream called for an intermission.

The guests of the hunters wish to take this occasion to thank those who secured the rabbits and prepared for the evening. They appreciate the fact that there was a great deal of

work behind the feast, and appreciate the unselfish interest that the hunters have in inviting others to share the results of their sport. Those present were: C. T. Moffett, George Ferguson, Robert Ferguson, William Donlon, Fred Tebo, Peter Tebo, George Tebo, Archie Fournier, Wilfred Aldrich, Edward Barnes, Leon Barnes, Raymond Meader, M. F. Carpenter, Winford Jones, C. M. Stuart, D. S. Goodspeed, W. F. Hewes, C. E. Paine, Harry Moore, J. E. Leonard, R. H. Price, A. J. Brown, Arthur Bisson, Charles Reilley, H. L. Kearnan, James Kearnan, William Kearnan, L. R. Veau, Leon Wood, James Marshall, Richard Marshall, Harry Drinkwater, Thomas Crompton, Lucien Barnes, William Ward, William Deane, B. S. Hill and Edward Driscoll.

The Committee in charge was: W. W. Jones, Harry Drinkwater, Robert Ferguson, W. Donlon, Harry Kearnan, Peter Tebeau, Leon Barnes, and Louis Veau.

Bob Ferguson, a member of the "Upstreets" hunting organization, secured his annual bird on Saturday, November 19. Many of the boys had begun to worry whether he was coming through or not. We are glad to hear you are keeping up the good work, Bob.

"What is your occupation?"
 "I used to be an organist."
 "And why did you give it up?"
 "The monkey died."—*Exchange*.

Time Out!

Charles Higgins of the Pipe Room needs the services of a good time-piece. His wife went to the movies the other night, and Charlie promised to call for her and bring her home after the show. When the performance was over Mrs. Higgins looked vainly for her husband, but he was nowhere to be found. To add to the mystery, when she arrived home he was not there, so she went to bed.

In the meantime, Charlie arrived at the theater and was walking up and down the side-walk waiting for the people to come out. Pretty soon the Manager appeared and asked him if he was on patrol duty.

"No," replied Charlie, "I am waiting for my wife."

"Your wife?" ejaculated the Manager. "Why she must be home and in bed by this time! The show was out a long time ago!"

Congratulations are being extended to Richard Ferguson on his promotion as foreman of the Spindle job, which took place at the time Mr. Sweet was transferred to No. 2 Office. Mr. Ferguson has been a second hand in the department for the last few years, and previous to that time was a tool-maker attached to the Spindle job. Mr. Ferguson has a large task ahead of him, and we wish him every success in his new position.

Jane Curry attended the Army-Navy Game—at Wood's radio station on Hill Street.

Mary Cook attended the Harvard-Yale game at Cambridge last Saturday. She says she had a "Don" good time.

On Sunday, November 4, Alice Magill, Lucia Bates, Florence Barr, Mr. and Mrs. Sylvester, Mary Cook, Frank Jefferson, Raymond Adams, and Mark Chetwyn and Dick Wellington of Worcester, journeyed to a camp in Boylston where they held a steak bat. The steak, we understand, was smothered in onions. Mary Cook, we are told, developed an enviable reputation as a dish-washer.

RESULTS OF THE OCTOBER SWIMMING MEET

SENIORS		
Event	Winner	Point Winner
Forty-yard dash	Ynte Postma	
One-hundred-yard swim	Arthur Ashworth	
Eighty-yard swim	Henry Crawford	
Twenty-yard back stroke	Peter Houghton	Peter Houghton, 8 points
INTERMEDIATE		
Forty-yard dash	Malkassian	Malkassian, 15 points
Eighty-yard swim	Malkassian	
Twenty-yard breast stroke	Malkassian	
JUNIORS		
Twenty-yard dash	John Stevens	
Forty-yard dash	John Longmuir	John Longmuir, 14 points
Twenty-yard back stroke	John Longmuir	
Twenty-yard breast stroke	James Houghton	

FOURTEEN POINTS IN GOOD SPORTSMANSHIP

A GOOD SPORT

"DOES"

1. Plays fair at all times.
2. Gives his opponent a square deal.
3. Plays hard to the end.
4. Keeps his head.
5. Plays for the joy of playing and for the success of his team.
6. Is a good team worker.
7. Keeps training rules.
8. Backs his team in every honest way. But—
9. Does his best in all school work.
10. Obeys orders of coach or captain.
11. Is respectful to officials. Accepts adverse decisions graciously. Expects the officials to enforce the rules.

"DOES NOT"

- Does not cheat.
- Does not take any technical advantage.
- Does not quit. Is not "yellow."
- Does not lose his temper, even though wronged.
- Does not play for money or other reward.
- Does not play to the "grandstand."
- Does not abuse his body.
- Does not bet. Does not think betting necessary to show loyalty.
- Does not neglect his studies.
- Does not shirk.
- Never blames officials for defect. Does not "crab." Does not "kick." Does not complain.

WHEN HE LOSES

12. Congratulates the winner. Gives his opponent full credit. Learns to correct his faults through his failures. Does not show his disappointment. Is not a "sorehead." Does not "alibi." Does not make excuses.

WHEN HE WINS

13. Is generous. Is modest.
14. Is considerate. Does not boast. Does not crow. Does not rub it in.

(Reprinted from *American Physical Education Review*.)

Mild But Suggestive

The more than usual lack of intelligence among the students that morning had got under the professor's skin.

"Class is dismissed," he said, exasperatedly. "Please don't flap your ears as you pass out."—*Froth*.

The Frenchman—"You told me zat ze words 'sight' and 'vision' vair ze same."

His Friend—"Sure they are."

"Well, mon Dieu! Why did my girl give me ze—vat you call?—razzberries when I call her a 'sight'?"



Arthur Ashworth, Jr., son of Mr. and Mrs. Ashworth, both of whom were former employees of the Whitin Machine Works.

The Safety Lesson of Christmas

To most of us, Christmas is the happiest time of the year, and the most unselfish time. We open our hearts and our pocketbooks, and find happiness in making others happy. We contribute freely for the relief and enjoyment of those who are less fortunate than ourselves. We go out of our way to perform little acts of courtesy and kindness to others. The motorist is more considerate of the pedestrian, and the pedestrian is more inclined to wait for the traffic change. Under the influence of the Christmas spirit, there is less desire to get ahead of the other fellow and run the chance of an accident.

There are some who through illness or accident cannot enjoy Christmas; there are some who are too self-centered to feel the joy of Christmas. Both are to be pitied.

Like the spirit of Christmas, the spirit of Safety is unselfish. If only ourselves were concerned, it would make very little difference whether we got hurt or not. But a belief in safety, and in the practice of it, is necessary even more for the sake of those who love us and whom we love than for ourselves alone.

Perhaps you are thinking, "What can I give the family for Christmas?" The best present you can give them is your own self, safe, happy and healthy. That is the greatest gift. Carry this thought with you during the coming year.

The National Safety Council joins with us in wishing everyone a Merry Christmas and a safe New Year.

Yelle Hooyenga of the Drafting Room wishes to thank his many friends for their interest and aid during his wife's recent illness.

In spite of his troubles, Mr. Hooyenga still has his usual line of stories with which he is very generous. One of the latest is as follows:

Young man out skating with attractive partner: "Please, dear, can I place my burning love at your feet?"

A. Y. L. replies: "With great pleasure, because my feet are ice cold."



Katherine Kearnan, Grace McKennedy, Blanche Gregory, Helen Carpenter

William A. Donlon Entertains

One of the most brilliant social events of the season was that held at the palatial country residence of William A. Donlon, the Ki Yi Club. The lake, reflecting the splendor of a glorious autumnal moon, and the spacious lawns and lovely Italian gardens of the Donlon estate, looked like a phantom fairyland to passing motorists who gazed in envy at the beautiful scene and listened spell-bound to the tender strains of Litz and Chopin, as a cool evening breeze wafted them gently over the smooth state boulevard.

In true plebeian fashion, the guests dribbled in one by one until the multitude was assembled, when, at the signal of "Bill," there was a mad rush for the dining-room. "I could hear them coming behind me," said Pep O'Brien in relating the story to us. "It was an oyster supper with 'low tide' soup an' everythin'." After an intermission of fifteen minutes, during which time the servants, who had been standing guard at the door and around the tables, received first aid treatment, the supper was resumed in earnest. Mr. Donlon was obliged several times to ask "Gummy" to stop eating so that Miss Kearnan's conversation could be heard.

Following the supper, Mr. Donlon announced that the servants had been so badly injured that they were physically unable to do their work, and in response to a call for volunteers, Miss Katherine Kearnan undertook the job of washing the dishes. To show his appreciation, "Bill" bawled her out unmercifully for not

placing the dishes correctly in the cupboard.

Next came a game of "parlor rugby," in which Katherine Kearnan was thoroughly exhilarated and got the thrill of her life when she was overzealously charged by Sir Arthur Jackman, the Whitinsville Lancelot. "Pep" O'Brien just barely escaped serious injury in this scrimmage and we are glad to report that there were no casualties.

"Gummy" and Miss McKennedy entertained, or rather we should say "amused," the gathering with an exhibition fox-trot. They made Rudolph Valentino and his celebrated wife look like a couple of snowballs in July when they rendered their own interpretation of the tango.

Miss Carpenter enjoyed the seclusion and quiet of the veranda for such lengthy periods that she was several times supposed to have gone home. "Bill" Donlon is constantly reminded of the presence at his party of Grace McKennedy and Fred Lesco when he surveys his broken hammock.

We have been asked to announce that the next social event of this merry group will be a turkey supper, to be held on Saturday evening, December 1, providing _____.

James Aldrich, William Carville, and Archie Burroughs went hunting recently, but without success. Suddenly a nice black crow hove in sight. Archie Burroughs levelled his gun at it, but the gun wouldn't shoot because the safety was on. While Archie was readjusting the trigger, he became somewhat excited and started to shout at the crow, "Hey, there! Wait a minute! Wait a minute!"

The Moulder's Refrain

(A New One from the Dead House)
It used to be in the iron, Paddy Ryan,
But now, me bucks, it's nothing but
shucks;

You ram and squeeze, get on your
knees

And pray for luck,

But all you get is just a shuck.

O Shucks!

I riddle and fiddle over me sand,

Put up me moulds and think thim
grand;

Whin cast is cleaned I understand

They all have shucked to beat the
band.

O Shucks!

—W. H. H. in *Universal Windings*.

We regret to report the death of Anthony Kapolka on Saturday, October 20, 1923. The deceased worked in the shop under George L. Gill for eighteen years. He leaves four sisters, two brothers, three sons, and four daughters. The SPINDLE extends its sympathy to his family.

Some Car!

(*Worcester Daily Telegram*)

LATE 1921 OVERLAND TOURING.
Best of condition. Quick sale \$2.25.
W. H. Ballard, 193 Front St., Worcester, or Wilkinsons, Mass.

Where the Wetness Ends

The mark indicating the mythical three-mile limit outside New York Harbor is known as the nun buoy.

Undoubtedly a typographical and topographical transgression. Should be "None buy" or "None, boy!"—*Philadelphia Public Ledger*.

Wrong Number

"I believe," said the impatient man as he put aside the telephone, "that I'll go fishing."

"Didn't know you cared for fishing."

"I don't, ordinarily. But it's the only chance I have of finding myself at the end of a line that isn't busy."

—*Boy's Life*.

First Salesman: "Have a cigar?"
Second Ditto: "No—don't smoke now."

First: "Sworn off?"

Second: "Nope, stopped entirely."
—*Tar Baby*.

Motoring

Autoing ceases to be a pleasure when the destination is not reached until too late. We know from personal experience in the last month, having started for Boston for a ten o'clock meeting and, due to coil trouble, arriving about four o'clock in the afternoon. Then, after a late meeting in the evening, which adjourned at 11.30, the car went dead again and refused to start under our amateur guidance. Instead of coming back to Whitinsville that night, as planned, it was two o'clock in the morning when we were signing a hotel register for a few hours' sleep.

An experience along this line was had by Henry Minkema of the Speeder job and James Burns of the Picker job, who, with two young ladies, started for the Charlestown Navy Yard on Armistice Day. The car went wrong in the traffic in Boston and after pushing it to a side street, they secured a garage man who fixed them up, but they arrived at the Navy Yard too late for admission. Leaving Boston at 9.30 that evening, they arrived in Whitinsville at 5 o'clock the next morning. The party made a long stop-off between Holliston and Milford, where various telephones were kept busy, and as a result one of the brothers of the young ladies came from Woonsocket with a wrecking car. He succeeded in getting the car going on one or two cylinders when Henry Minkema's father arrived with John Harmsen of George Gill's job, who towed them home.

Such a trip is not exactly our idea of pleasure, but to the many friends of those undergoing the ordeal, it has its element of interest.

Clyde Turner who works for Mr. Ramsey recently took ether and had some of his teeth removed. During the process of extraction, Clyde expressed in no uncertain terms his very private opinion of all dentists.

If you would like to get a brief character sketch of yourself, feed Clyde a little ether. He'll tell you!

Elmer Blanchard, for years foreman of the Spinning Parts Department, has recently been promoted and is now attached to the Drafting Room. We understand that his new duties have to do with special specification work. He was recalled to the old job recently, presumably to answer a few questions, but was surprised to be presented with a traveling bag by his associates. The SPINDLE joins with his many friends in wishing him every success in his new work.

Most of the trouble in this world is produced by those who don't produce anything else.—*Universal Windings*.



View of Lackey Dam, looking east

A Good Theory

Mrs. Tick—"Why do you speak of your husband as a theory?"

Mrs. Tock—"Because he so seldom works."—*Forbes*.

Why is it that Some people are quite as Happy when this Paper panhandles their Irrefutable dignities as when it sends Through WhitiNsville some good story whIch knocks winD out of all local MexicaN athletes? SmiLe at yourself. You should, once in a while.

Bert Hill's Family Records

Bert Hill visited Woonsocket the other day and purchased for his family a new set of phonograph records. Coming home on the train—wait a minute there, honorable reader! Don't try to get ahead of me—he didn't break any records at all, he lost them! Never mind, "Bunk" old boy, just wind up the victrola, and let's have: "Yes, We Have No Bananas," again.

Higher or Lower

"Upper or lower?" politely asked the man at the Pullman window.

"What's the difference?" asked S. Martaleck.

"Well, you see the lower is higher than the upper," said the aroused Pullmanite. "And the higher price is for the lower. If you want it lower you will have to go higher. We sell the upper lower than the lower. In other words, the higher the lower. Most people don't like the upper, although it is lower on account of it being higher. When you occupy an upper you have to get up to go to bed and get down when you get up. You can have the lower if you pay higher. The upper is lower than the lower, because it is higher. But if you are willing to go higher it will be lower. Which will you have?"

The only way to secure friends is to be one.—ELBERT HUBBARD.



"We have an old-fashioned tomAHto"—contributed by one of our gardeners.



THE BRIDESMAIDS

Left to Right: Gwendolyn Searles, Eva Feen, Florence Baldwin, Helen Cotter, Marion Smith,
Doris Aldrich, Lucia Bates, Lillian Cederholm, Marjorie Meader



Miss Marion Smith as the bride



William A. Donlon
"He Was a Judge, a Great Judge, Too"

Whitinsville Follies

It is going to be most difficult in print to do justice to the third season of the "Whitinsville Follies," under the direction of the Abigail Batcheller Chapter D. A. R. Mrs. Chester W. Lasell, as chairman of the committee, personally deserves much praise for the success of the occasion. Mrs. Lasell was an active chairman and had general supervision of the remarkable stage setting as well as the program itself. Working with her on the committee were Mrs. Thomas Walker, Mrs. Arthur Richardson and Mrs. Charles A. Allen.

It was estimated that there were nearly one hundred Whitinsville people included in the cast, to whom the general committee extend their appreciation for their part in the success of the show. Special appreciation was extended to Mr. Thomas Donahue and Mr. Joseph Hetherington for the stage setting, curtains, etc., and to Mr. and Mrs. M. J. Brines and Mrs. Lester Blair for their work in training the cast of the operetta.

The best write-up of the entertainment will be found in the Saturday edition, December 15, of the *Worcester Daily Telegram*, from which we quote as follows:

"Whitinsville town hall assumed a metropolitan atmosphere tonight with the presentation of the third annual Whitinsville Follies, under the auspices of Abigail Batcheller chapter, D. A. R., and with Mrs. Chester W. Lasell as general chairman.

"Nearly 70 tables were set about the floor, bordering on a runway down from the stage, and dinner was served for 500 persons, including many from out of town.

"The program was divided into two sections, the first, a varied cabaret, presented during dinner, and the second a presentation of the Gilbert and Sullivan operetta 'The Trial By Jury,' following general dancing.

"Everyone taking part in the Follies was a Whitinsville resident, a feature of the annual event which has been maintained since its start.



Edith Fullerton

Henry Bouvier

Thomas Roche

David Gallatly

"The entire performance displayed a finish and precision unusual for an amateur performance, both the cabaret and operetta running like clockwork. A new curtain and drops in two tones of old blue for the stage, supplemented by novel properties for the individual acts, made the setting attractive.

"Miss Mary Cook led a group of eight girls for the opening song and dance number, 'Bambalina,' for which words had been paraphrased to carry reference to some of the town's leading residents. Members of the chorus were Misses Florence Baldwin, Gwendolyn Searles, Lucia Bates, Florence Barr, Alice Magill, Elizabeth McCrae, Katherine Walsh, Marion Wood, Doris Aldrich and Catherine Munt.

"Leon Houghton delivered a weighty address which was freighted with humor in his appearance as an old-fashioned small town dignitary. Henry Diette followed with a song and dance number, 'I Want to Be in Tennessee.' In a gypsyish setting, Miss Elizabeth Lasell, daughter of Mrs. Josiah M. Lasell, gave a finished Spanish dance, with incidental song. A series of three popular songs were next given by Thomas Roche in a comedy costume. Mr. Roche's numbers included 'Oh Gee, Oh Gosh, Oh Golly,' 'You Tell Her, I Stutter Too Much' and 'Maggie (Yes, Dad.)'

"An Hawaiian dance given by Miss Edith Fullerton met with much ap-

proval. Valmore Boljic played banjo accompaniment, and Miss Fullerton also sang 'Neath the South Sea Moon.' Preceding the Hawaiian number was a proficient horizontal bar turn by Charles Harriman, who was introduced to his audience by Leon Houghton. A Colonial scene, in which Misses Velma Balcom and Helena Veau, as maid and man, sang 'I Know Where a Garden Grows,' was given with grace.

"David Gallatly, who was particularly debonair in his Sailor's Horn-



Charles Harriman

pipe, won encore. The 'Dance of India,' given by Mrs. Hildegard Lasell Watson (Mrs. Sibley Watson of New York), daughter of Mrs. Chester W. Lasell, as a solo number, was strikingly beautiful, with the dancer's cloth-of-silver costume and headband gleaming above the dimmed lights of an Indian setting, and slaves bearing fans in the background.

"Following the dance came the Liszt 'Rhapsodie XI,' given with a polish which commanded the applause of the audience. A John Ireland composition was the encore. The final cabaret number introduced a group of children of the town in 'The Toy Soldiers,' with scene set in a toy shop, and Robert Metcalf, as the old toy man in charge of the dolls which stood in boxes about the room. To the music of 'The Parade of the Wooden Soldiers,' nine small boys gave their drill in imitation of the famous 'Chauve Souris' number.

"The boys taking part were John Redmond, William Taft, Chester Lamb, Curtis Carr, Herbert Barnes, Harold Baszner, Elmer Schoeman, Robert Schoeman, William Walker.

"These were the small dolls: Barbara Greenwood, Billy Greenwood, Louise McGinniss, Peggy McGinniss, Betty Ballou, Marion Ballou, Christine Richardson, Barbara Allen, Pauline Driscoll, Keith Brown.

"Edgar Baszner was soloist.

"After an intermission for dancing, came 'The Trial by Jury,' which in addition to its own fame, carried a Whitinsville tradition, having been given in the community Oct. 30, 1878. Three of the members of the original cast, Mrs. J. Howard Burbank, Mrs. E. C. Heath and Miss Susan Pollock, sang in the court scene last night. All the familiar characters of the operetta came to life again, along with such favorite songs as 'He Was a Judge, a Great Judge, Too,' and 'The Bridesmaid's Chorus.'

"The bride herself, who appeared as plaintiff in the breach of promise suit, was Miss Marion Smith, while the defendant was Henry Bouvier. William A. Donlon gave a dignified performance as the judge, and Archie Bowen was foreman of the jury. Charles Paine was seen as counsel for the plaintiff. Eugene Beaudry

was the groom's usher, and these were the eight bridesmaids: Misses Marjorie Meader, Lillian Cederholm, Lucia Bates, Doris Aldrich, Helen Cotter, Eva Feen, Florence Baldwin, and Gwendolyn Searles.

"All rehearsals of the cast during a period of a month had taken place at the home of Mrs. Chester W. Lasell, chairman. The remainder of the general committee were: Mrs. Thomas Walker, Mr. Arthur Richardson, and Mrs. Charles Allen. An orchestra furnished music, and there was a capable corps of stage assistants, not to mention the chefs, smartly garbed and hatted, and wearing little twisted mustaches and pointed goatees where none had grown before."

The Key to Independence

Thrift means good management; vigorous growth. "Thrift is the best means of thriving."

Thrift means spending less than you earn; saving systematically. It does not mean that you should stop spending.

Thrift means securing interest on your savings. Money kept in hiding never earns anything. Put your money to work. You work for money; make it work for you.

Learn to know values; the value of your work; the value of the fruits of your labor. Investigate and study merchandise values. Know what you buy *before* you buy it. Read advertising. Get acquainted with brands and trade-marks, and their significance. Weigh expenditures. Put on your thinking cap and keep it on.

The wise individual is he who so regulates his income and outgo that "emergencies" are provided for automatically. He knows the meaning of "peace of mind," because he has money laid by. His chin is up, his step is brisk, he is master—not the slave—of circumstances.

To get ahead you must have a *simple and definite plan. Hit or miss methods won't do; in the accumulation of money they are positively fatal.* Do not read further until you see the truth of this statement.

If opportunity knocks at your

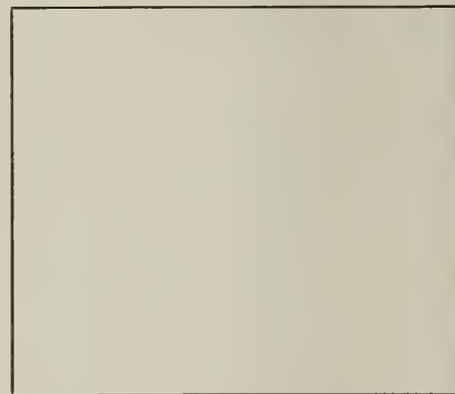
door, can you measure up to its requirements now?

What will \$100, \$1,000, \$5,000, do for you 60 months from today? Will you need money to educate your son or daughter? Pay off the mortgage on your home? Take a trip to Europe? Buy a new car? Get married? Start a new business enterprise?

There is not a reasonable desire that the average person should not be able to gratify if he will practice thrift. It is remarkable how quickly money accumulates when laid by regularly and systematically, and increased by compound interest.

Financial independence is within your reach, but you will never reach it by standing still. Start saving and see it through. The longer you save the easier it becomes.

Thrift does not look toward the future alone. Thrift means better living *now*, better foods, better clothes, greater enjoyment of recreations, greater dividends from life itself. Why? Because you have put your financial affairs on a sound basis.
—U. S. TREASURY DEPARTMENT.



The SPINDLE is proud to reproduce here a wood-cut, representing all that is best in the modern treatment of the old world art. The above is the work of Gobbo Gobboon, the well-known Slovak artist. It vividly shows the remarkable handling of black and white which typifies all of Gobboon's work. The title of the picture is "The Monarch of the Snows." It presents a splendidly life-like view of a great polar bear reposing upon a huge iceberg gobbling greedily at a marshmallow sundae—a sheer wonder of harmoniously blended whites.—*Exchange*

Beware of Stock Salesmen

In the *Boston Herald* for Thursday, November 22, there appears the story of Dr. Cook, the famous arctic explorer, whose activity in a fraudulent oil stock company is going to cost him fourteen years in prison, and a fine of \$12,000. This story should be of particular interest to all those who have been "stuck" by buying up fake stock, and should serve as a timely warning to any of the rest of our men who are contemplating investments in uninvestigated enterprises.

"Cook," said Judge Killits in his condemnation, "this deal of yours is so damnably rotten that it seems to me your attorneys must have been forced to hold their handkerchiefs to their noses to have represented you. It stinks to high heaven. . . . You ought to be paraded as a practical warning in every state where you have sold stock."



One of Cook's associates, a man by the name of S. E. J. Cox, was sentenced to eight years in jail and fined \$8,000. Mr. Carpenter, our editor, found in his desk a section of a booklet edited by S. E. J. Cox which he received about three years ago. The accompanying picture of Mr. Cox is taken from one of the pages of this pamphlet. Following several talks of an inspirational nature, the reader is craftily urged on the very last page to invest in the oil concern that Mr. Cox represents.

Below his picture in the booklet, appears the following:

"Once I was asked if my father

left me anything when he died, to which I replied: 'Yes, he left me the whole wide world in which to work faithfully and make a fortune.'

"The rich heritages which my mother handed down to me are so many that I would not know how to enumerate them, but of all that she taught me as a youngster, while my mind and character were being moulded, I believe the verses appearing on the following pages have remained most vivid in my mind."

Now that he has eight years of confinement ahead of him, he may possibly find time to contemplate on a few of the things that his mother really told him that were evidently overlooked during the *moulding* of his *moldy* character.

Here is another little gem from the pen of this brilliant crook as he discusses the successful man.

" . . . Then, if that same man can go home and, surrounded by his family, know that he has given to his loved ones the best that is in him, and that *he has taken nothing unjustly from any man to contribute to his family's comfort, but that all which they have has been earned and deserved*—that, my dear friends, is happiness, the kind of happiness which everyone is striving for and must admit is real SUCCESS."

Think of it! And for the past four or five years this carrion crow has been feeding on the scanty earnings of widows, orphans, and undoubtedly a great many trusting workmen. Eight years for a man of his type is only a "teaser." A life sentence would be considered needlessly merciful by most people.

"You can fool all the people some of the time, and some of the people all the time, but you can't fool *all* the people *all* the time." Dr. Cook and his crew are among the many who have doubted this truth and have sought to prove its converse with the usual consequences.

Honesty is one of the fundamental warps in our social fabric. We may haggle about the Bible and science, creeds and doctrines, and the failure of Christianity to prevent the World War, etc., etc., but it seems to be universally agreed that "Honesty is the best policy."

Service Pins to be Awarded in the Month of January

25-Year Pins

Henry Frieswyke Herbert Adams

15-Year Pins

Amd. Asadoorian Joseph Benoit
Owen McGrath C. A. Allen
Charles Noble Frank Donovan

10-Year Pins

C. A. Britten Bernard DeVries
Asadoor Najarian Louis Paquette
G. D. Simmons

5-Year Pins

Gert Bosma A. W. McNeil
Henry Kooistra John Minshull
Edmund Morrell Mrs. J. Carr
G. B. Smith Henry Pariseau
Elmer Wheeler Wm. F. Waterhouse

Forty-Year Men

When we first went to press, we had planned to run the story of the forty-year men. Unfortunately, however, the group picture taken on Saturday morning, December 15, has not yet been completed to our entire satisfaction. We are, therefore, compelled to postpone this article until a later issue.

Service Pins Awarded in the Month of December

30-Year Pins

Enoch Malkassian John Morrow
John Williams

25-Year Pin

Robert K. Marshall

20-Year Pin

Moos. Vartanian

15-Year Pins

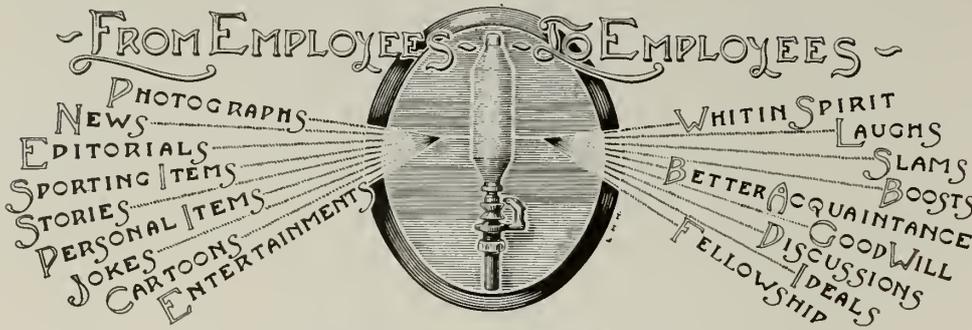
J. McInness
Moses Malkassian

10-Year Pins

George Hetherington Osman Mamed

5-Year Pins

George E. Clapp Theodore Douville
Edmund Bruillette H. N. Hayward
Margaret Duncan Robert Thurston
George Henderson M. J. Young
Norman White Grace Frieswyke



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonists

L. G. Lavallée Robert Hargreaves
John Minshul

Illustrator, L. H. Horner

Member of Industrial Editors Association of
New England

Are You a Good Sport?

The men in our Shop for the most part are all good sports. They all like their fun, and the rougher it is, the better some of them like it. There are a few fellows, however, who go around with chips on their shoulders which even a man's breath might blow off. They fuss and fume at the slightest provocation and make life miserable for everybody.

Unfortunately we have been able to find but little local material and only a few stories for publication in the SPINDLE which have the double virtue of being amusing without irritating someone. The sad part of it is, that the man who laughs the heartiest at other people, invariably raises the biggest howl when the joke's on himself.

There isn't a man in the Shop who at some time or other hasn't done some bonehead stunt. Even we editors do them. We do and say all sorts of crazy and ridiculous things. When we refuse to admit our stupidity to others, and to laugh at our own foolishness, someone, somewhere, sometime will get hold of the story, and we pray for the day when it shall have been told for the last time.

The SPINDLE does not wish to hurt anyone's feelings. In the June issue it stated specifically that it wanted "to discourage anyone from

trying to use our paper to air their personal grudges." Notes which have the obvious purpose simply to "ride" someone, are never printed. Quite often, however, we do print things which we believe are funny, but which inevitably annoy the people concerned. We publish such incidents always with the hope that those folks will prove themselves good sports and join in the laughter with the rest.

The SPINDLE is your paper. Make of it what you will. If you men can't stand a good-natured poke in the ribs now and then, it's pretty nearly time for the last issue to appear.

Let's all be good sports. Laugh, and the world laughs with you. Kick—and you sleep alone.

MERRY CHRISTMAS AND A HAPPY
NEW YEAR!

The Editors.

As you think, you travel; and as you love, you attract. You are today where your thoughts have brought you; you will be tomorrow where your thoughts take you. You cannot escape the result of your thoughts, but you can endure and learn, can accept and be glad. You will realize the vision (not the idle wish) of your heart, be it base or beautiful, or a mixture of both, for you will always gravitate toward that which you, secretly, must love. Into your hands will be placed the exact results of your thoughts; you will receive that which you earn; no more, no less. Whatever your present environment may be, you will fall, remain, or rise with your thoughts, your vision, your ideal. You will become as small as your dominant aspiration.

BY JAMES ALLEN.

Interesting Facts About Cotton

In the last issue of the SPINDLE we attempted to show how cotton was one of the main underlying causes of the Civil War. Although we promised in this issue to discuss the growth of the cotton mill industry in the South and also to give an account of the battle being waged against the cotton boll-weevil, limited space this month will permit only of the former. The cotton boll-weevil story will have to go until the next issue.

The Growth of the Cotton Manufacturing Industry in the South

As cotton is a subtropical plant and the lint is easily separated from the seed by hand, and as the fibre can be spun and woven in as simple a way as wool was manufactured in primitive communities, it would seem that the cotton manufacturing industry should have developed near the source of the raw material; but the countries suited to raising cotton were largely inhabited by people with agricultural instincts, who needed comparatively little clothing, hence the manufacturing industry developed in colder and more thickly-settled communities, remote from the cotton fields.

In America, for example, the Southern people were interested primarily in agriculture and they spent their time raising raw cotton, giving little or no time to the manufacturing of the material into cloth. New England, on the other hand, with its colder climate and its numerous streams and waterfalls, readily adopted the new mechanical contrivances of the English and busied itself perfecting these early machines and in spinning and weaving the raw cotton into yarn and cloth.

As recorded in a previous article in this series, the first power spinning mill in America was built by Samuel Slater at Pawtucket, R. I., in 1791. The first cotton mill in the South was the Bolton Mill, built on Upton Creek, Wilkes County, near Washington, Ga., in 1811. This factory was erected on the site of Whitney's Cotton Gin Plant, and was run on the same water wheel power.



Cramerton Mills, Inc., Cramerton, N. C., a typical Southern mill, using Whitin Machinery exclusively

As a result of the invention of the cotton gin and the high price of cotton prevailing at that time, Southern capital became concentrated upon the cotton growing industry. When cotton prices declined in the early forties to 5 or 6 cents a pound, Southern capital and energy promptly turned to railroad and industrial development. It was during this period (between 1840 and 1860) that the South first began to manufacture cotton goods in earnest. Then came the Civil War with its accompanying period of complete industrial stagnation and depression in the South.

In the beginning, the South had been content to let other sections of the country and England turn its cotton into cloth, but when it had recovered from the effects of the Civil War, the Southern states began to realize the advantage of manufacturing cotton at home. And so this industry took a firm hold in the business life of Southern communities.

Today, in the older cotton manufacturing sections of the Southeastern states, the thriving mill villages of former days have developed into cities humming with industrial activity. Col. Henry G. Hester, like many other cotton authorities, is convinced

that the expansion of the textile industry will practically all occur in the South, with some of the New England mills moving bodily to Southern locations. In fact, it is maintained that this movement has already begun.

It is believed by many that New England, which produces neither coal nor cotton, cannot successfully compete against the Southern states where cotton is raised, and within whose borders lie almost 10% of the total area of America's known coal fields. At a meeting of the Associated Industries of Massachusetts held in Boston on March 5, President Charles R. Gow spoke of the great handicap which is upon industries of New England in competition with industries in the South by reason of the greater cost of power in this section. At the present time, he said, Massachusetts is largely dependent for its power upon an adequate supply of coal, and not only is the cost of this constantly increasing, but for various reasons it is becoming more and more difficult to get.

New England believes that the only remedy for the situation is to find some other adequate and more reliable source of power. To this end at the meeting of the Associated Industries of Massachusetts quoted above, some of the greatest engineers of the country were called in and asked for their opinions. Among other things, it was pointed out that there are very few, if any, undeveloped sources of water power in New England, and that Massachusetts, if she is to maintain her supremacy as an industrial state, must look to Canada, where there are undeveloped hydro-electric power sources within transmission distance capable of supplying many times the requirements of New England.

Accordingly a committee was appointed to make a survey of the power facilities, requirements and possible sources of supply of New England, who were to make suitable recommendations as to what procedure should be followed in the matter of their development. The Canadian possibility, of course, involves an enormous expense and many international considerations. Meanwhile New England, believing that her states constitute the home of skilled labor, is determined to keep skilled labor here, and so is developing her natural water power to its fullest extent.

Nevertheless the industry in the South is progressing steadily. With unsurpassed climate, with abundant water power available, and hydro-electrical developments on a large scale, with a growing skilled population to operate the mills, and last but not least the great value of manu-

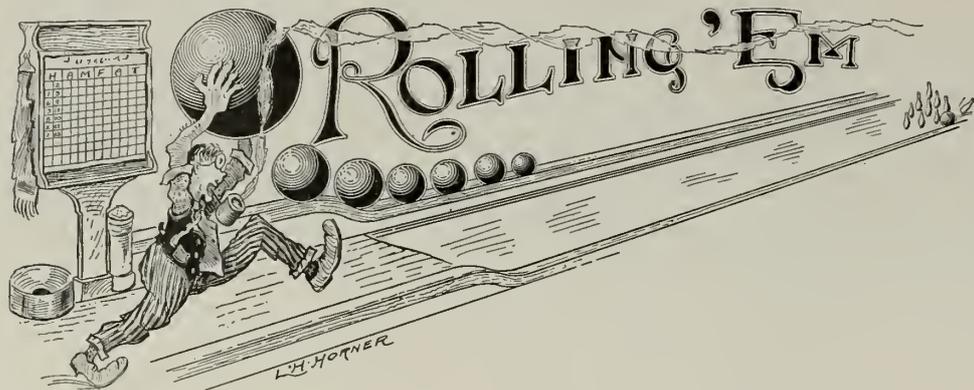
Continued on page 14, column 3



Typical Negro cabin



Negro woman picking cotton



Office Bowling League

The week ending December 15, No. 3 team under Captain Foley holds its lead in the Office Bowling League, increasing its lead by three points over the nearest competitor since the last issue went to press. The team to make the greatest gain during the past four weeks was team No. 2 under Captain Connors, which has come up from fourth place into a position within two points of team No. 4 under Captain Noble. Team No. 6 under Captain Lincoln has gone into a decided slump, having lost sixteen points out of a possible twenty-one in the last three matches. With about twelve matches to go, the season is not quite half over, and it is possible for decided upsets to occur even yet.

The consistent rolling of Harold Johnston is without doubt the feature of the League. His scores for the season are interesting in that they are about as consistent as any set of scores rolled by any bowler of the Office League since its existence. They are as follows: 496, 482, 481, 494, 492, 502, 478, 475, giving him an average of 97.5.

The high five strings was broken by Foley on Tuesday evening, November 20, by two pins, when he rolled a total of 505. In this match he also secured the high single string with 129. It was exceptional bowling in the last three strings that broke the record. Foley started with an 83 string and a 75 string, and came back with 129, 108 and 110. McGoey, on Thursday night, December 6, broke Foley's record for five strings when he totaled 517, rolling strings of 126, 104, 94, 97 and 96. With the exception of Johnston's consistent

rolling, Foley and McGoey were the only other feature rollers of the past month.

High individual strings were rolled by Connors on November 20 with 111, Carpenter on November 22 with 110, H. Johnston on November 22 with 107, Adams on December 5 with 115, Brennan on the same evening with 111 and Harold Johnston with two strings of 107, and Foley with 112 and 108 on December 6.

The League standing and individual averages of the bowlers are as follows:

OFFICE BOWLING LEAGUE STANDING
(Week Ending December 15)

	W	L	C ₂	Pinfall
Team No. 3	41	15	732	14,419
Team No. 4	33	23	589	14,056
Team No. 2	31	25	553	14,057
Team No. 6	25	31	446	13,976
Team No. 5	22	34	393	13,904
Team No. 1	16	40	286	13,848

Individual Averages

Johnston, H.	97.5	Lamb	87.8
Foley	94.2	Wild	87.2
McGoey	93.4	Park	86.7
Cain	92.6	Carpenter	85.6
Connors	92.6	Crawford, W.	85.3
Lincoln	90.6	Duggan	84.9
Driscoll	88.8	Greenwood	84.8
Adams	88.7	Dalton	84.6
Ferry	88.6	Alden	83.2
Crawford, H.	88.3	Ball	82.8
Noyes	88.2	Johnston, E.	82.6
Hamilton	88.1	Brennan	82.3
Noble	88.1	Whipple	79.5

High Five Strings

McGoey	517	Connors	490
Foley	505	Driscoll	490
Crawford, H.	503	Ferry	488
Johnston, H.	502	Dalton	486
Cain	490	Adams	484

High Single Strings

Foley	129	Cain	114
McGoey	126	Crawford, H.	114
Connors	120	Scott	112
Adams	115	Brennan	111
Johnston, H.	115	Ferry	111
Noble			111

Shop League

During the past month the board of strategy of the Shop Bowling League has met at least three times and discussed the problem of assigned players. The rivalry has been very keen and each team has been anxious to keep up the calibre of its rollers to the highest possible point. At this writing all points of discussion have been settled for at least, we hope, a week, and seven of the eight teams are in a position to take the lead away from the other at any time.

The card job and spinning job are the two nearest rivals at present, being separated by only four points. The Cards have rolled one more match than the Spinning team. The "Down Homers" as an organization have been going smoothly, but have not been able to win points, and have taken their position in the cellar like good sports.

Willard of the Spinning team has been the outstanding bowler of the past month, breaking the high three string total for the season with 324. This was accomplished on December 10, and was made with the following strings, 115, 122 and 87. Marien of the Spindle team rolled over 300 on successive evenings, with totals of 308 on both evenings.

Campo, on November 21, rolled a string of 108, and at the same time Joseph Hall, who was rolling against him, got 114. Paquette, on December 3, rolled a first string of 110 and followed this up with a 78. On December 3, Charles Hutt rolled 112, Spratt 111 and Joseph Hall 111, Champagne rolled 108, Nash 112, and Gentis 113 in a three string total of 310 on the same evening. On Wednesday, November 7, Willard had individual strings of 115 and 122, and Veau 102 and 108 with a total for the evening of 298.

Broadhurst still holds the lead in the individual averages with 98.3, and is being closely pressed by Willard with 98 and Marien with 97.1.

The League standing and individual averages are as follows:

SHOP BOWLING LEAGUE STANDING
(Week Ending December 15)

	W	L	%	Pinfall
Cards	24	12	667	12,394
Spinning	20	12	625	10,896
Spindles	21	15	583	12,075
Patterns	19	17	528	12,199
Bolsters	16	16	500	10,844
Pickers	14	14	500	9,478
Foundry	14	18	437	10,674
"Down Homers"	4	28	125	10,373

Individual Averages

Broadhurst	98.3	Hartley	90.0
Willard	98.0	Dorsey	89.8
Marien	97.1	McQuilken	89.7
Montgomery	95.4	Hall, J.	89.6
Roche	95.1	Hutt	89.3
Hanna	95.0	Saragian	88.9
Nash	94.9	Crompton	88.8
Gentis	94.8	Peltier	88.7
Spratt	93.3	Brown	88.2
Connors	92.9	Donovan, L.	87.8
Malgren	92.6	Ballard, E.	87.5
Paquette	91.6	O'Brien	87.3
Hall, W.	91.3	Donovan, F.	86.8
Bisson	91.1	Benner	86.4
Boyd	91.1	Hasson	86.3
Kane	90.8	Shugrue	86.1
Ballard, P.	90.7	Young	85.9
Campo	90.6	Finney	85.8
McGuinness	90.5	McGowan	85.4
Wood	90.4	Green	83.6
Veau	90.2		

High Single Strings

Marien	125	O'Brien	114
Nash	125	Paquette	113
Roche	124	Campo	112
Gentis	122	Donovan, F.	112
Willard	122	Hanna	112
Davidson	122	McGowan	112
Hutt	117	Hall, J.	111
Saragian	116	Malgren	111
Connors	114	Montgomery	111
Spratt	114	Broadhurst	110

High Three Strings

Willard	331	Nash	306
Broadhurst	317	Roche	306
Gentis	316	Connors	304
Malgren	316	Montgomery	304
Marien	308	Hanna	300

sists that "Monty" has sold his birthright for a pot of porridge and that the savory bird could have been relished just as heartily on the family table as elsewhere.

However that may be, the turkey, weighing twelve pounds, was cooked and eaten at the Ki-Yi Club. Those present regretted the absence of "Bill" McGoey, but wish to announce that the pies that his mother sent were most excellent.

For a week after the supper, Bill Donlon did not show up at the Blue Eagle for any meals, and it is rumored that he has secretly thanked Mr. Montgomery for his week's board. "Monty" said that it was the first square meal that the gang had had in a long time, and added, as he rubbed his stomach, that the corners still hurt.

At the close of the supper, many of the indoor sports recorded in the last SPINDLE were indulged in. Those who attended were Grace McKennedy, Blanche Gregory, Catherine Kearnan, Bill Donlon, "Pep" O'Brien, Arthur Jackman, Helen Carpenter, and the distinguished philanthropist who contributed the turkey, Hon. William A. Montgomery, who has graced our Shop with his beaming personality and his fun-provoking witticisms for a little over twenty-four years.

Efficiency?

The head of a large firm, while passing through the packing room, observed a boy sitting on a case of goods and whistling cheerily.

The chief stopped and looked at him frowningly.

"How much do you get a week?" he demanded.

"Ten dollars," came the brief retort.

"Then here's a week's money; now clear out."

The boy pocketed the money gleefully and departed.

"How long has he been in our employ?" the chief inquired of the shipping clerk, who was perched nearby on his tall stool.

"Never, so far as I can remember," was the unexpected reply. "He just brought me a package from another firm."
—*Disston Crucible.*

The Oratorical Aperture

(A scientific treatise on the uses of the mouth, taken from the latest edition of "The Wind Blowers," by Professor Borzem.)

Mouths is used by practikly most everybody, the main exception bein' in many cases, which aint much, corpses.

They (mouths) is used for a wide and useful variety of uses, among the most pleasant of which is kissing, or "osculation" as the *elite* says, or "mugging," as it is terminated in the moronic vernacular. But, as Romeo and Juliet once said, "What's in a name? Let's go!"

Kissing is one of the most thrilling uses for which a mouth is for, but snoring and terbaccer chewing is superflucious uses of a mouth at where more than one is concerned.

"Chewing the rag," or "chewing the fat," is ordinary names for gossiping. Them are a use of the mouth what is confined to the ladies, says the men. "No, vice versa!" hollers the women, thus proving that the men is right.

Some people tells how men is bald-headed because of over-work of the brain. Mebbe that's why women don't never have no wiskers on their jaw. "There's somethin' in that," said the burglar, as he stepped through the window into the bath-tub.

William Montgomery Wins 12-Pound Turkey

By rolling a three string total of 338, "Monty" won the Thanksgiving turkey offered as a prize by the Pythian Bowling Alleys. In the last SPINDLE it was announced as a sequence to the party given by "Bill" Donlon, that a turkey supper would be held on December 1, "providing —." We have discovered since what the rest of this sentence is: "providing that someone did not beat Mr. Montgomery's high three string total and win the turkey upon which they had planned to feast."

From all reports it would seem that Mr. Montgomery's generous contribution of his turkey as the main attraction of another social gathering, was not enthusiastically greeted by the immediate members of his family. In fact his brother Albert still in-

Three Shop Members Enjoy Theatre Party

On Friday, December 7, "Dave" Brown of Marshall's job, "Jim" McRoberts of Halpin's job and "Bob" Keeler of the drafting room, thought that they would like to go down to Providence and see "Sally, Irene, and Mary." (This is the name of a play!) "Bill" McGoey immediately offered to secure tickets for them through a young lady acquaintance of his who sold tickets at the Opera House in Providence. Accordingly, he called this young lady by phone and found that she was out. Undaunted in his purpose, he then went to Wood's office and asked "Johnny" Connors to call Belcher and Loomis of Providence, and ask one of their salesmen who frequently visits Mr. Wood's office, to pay for and reserve three tickets to "Sally, Irene and Mary," under Mr. Wood's name.

John, meanwhile, got his wires crossed, and instead of following directions, called Duncan and Goodell of Worcester, and had one of their men reserve tickets for Mr. Wood to "Sally," another musical comedy playing in Worcester. This was very graciously done, the gentleman performing the service paying a total of \$11.55 for three tickets.

That evening the aforementioned three gentlemen mounted Keeler's chariot and in the due course of time arrived at the Opera House in Providence. They made application at the box office for their tickets and were surprised to learn that the name of Newell W. Wood was entirely unknown to the ticket seller. In reply to "Bob's" remonstrances that the tickets had been reserved that very afternoon, the gentleman in the office further astounded them by telling them that the house had been sold out two weeks in advance.

On the verge of mental distraction, Keeler then called up Mr. Wood, who informed them that the tickets reserved were for "Sally" in Worcester. Not realizing for the time being that the tickets had been reserved in his name, Mr. Wood laughed heartily when he learned that Keeler was calling from a hotel in Providence. "Bob" promptly reminded him in

whose name the tickets had been reserved and further explained that they cost \$3.85 apiece, whereupon Mr. Wood's laughter subsided to a marked degree. Keeler then averted a financial complication by calling the Worcester theater and transferring the tickets for the following night.

To round out the evening, the trio went to a vaudeville show at Fay's Theater, drawn thither by the brilliant show cards of "Miss Ideal," supposed to be the only woman ever to swim the Niagara Rapids. In connection with her act, there was staged a diving contest for local amateurs. McRoberts promptly got into the swim, and won the first prize, a nickel-plated bathing suit. Brownie, who also entered, was a close second, bringing home a gorgeous set of cement ear stoppers. Keeler explained that he didn't try for any of the prizes because he knew that he would have all he could do to bring his Chevrolet home.

Jack Kelliher Makes a Slight Error

Jack Kelliher, foreman of the polishing job, has a surprise coming to him when he reads this story. We do not believe that he thinks anyone in the Shop knows the story and we are pretty sure he hasn't told it.

Jack has been in the habit of getting up about 6.10 A. M., at which time during this period of the year it is dark. One morning about two weeks ago Jack arose and took a quick glance at the clock and then woke up the family. In due time he finished his breakfast. He was ready to start for work when it occurred to him that he hadn't heard a sound from his next-door neighbors, the family of Dennis Mack. Jack didn't want Dennis to be late for work so he very conscientiously and with the kindest of intentions, woke up the Mack family. In a short time it was brought to his attention that he was two hours early. Instead of it being close to seven o'clock it was not quite five. Mr. and Mrs. Maek and their son John and daughter Vera thanked Mr. Kelliher personally for his kind solicitations.

Steam Hammer Reflections

BY C. T. BURLIN

It has been claimed (and I think justly so) that Worcester County has given to the world more inventors and brainy men than any other spot in the country of the same size. The remarkable fact is that a majority of these men have been blacksmiths, such as Whitin, Washburn, Coes, Burritt, Bigelow, and others too numerous to mention.

But, of course, the blacksmith has a very old family tree, for wasn't Adam's grandson, Tubal-cain, a blacksmith, and didn't they in later times make gods of them? (Take Vulcan, for example!)

(I have never seen any of the sacred books that mentioned a machinist or a moulder.)

The man we are going to tell about now was a great genius. His inventions were not simply improvements, they were original, and are used today in practically the same form as when they were first made.

Thomas Blanchard, inventor, was born at Sutton, Mass., June 24, 1788. His original American ancestor was one of a body of thirty Huguenot families who, in 1710, fled to Massachusetts and were granted by Governor Joseph Dudley a tract of land in what is now the towns of Oxford and Sutton in Worcester County. After about twenty years the settlement was broken up by the Indians, but subsequently the settlers returned. The father of Thomas Blanchard was a respectable farmer who never gave any indications of mechanical genius, and the son seemed to be altogether misplaced, for he had no taste for farming and there was nothing in the entire district to call out his inventive faculties. He received the ordinary school instruction, but he was accounted a dull boy due to an impediment in his speech, and to the fact that all his faculties seemed concentrated upon mechanical construction.

He was noted, as a boy, for his efficiency in the New England accomplishment of whittling, making wonderful wind-mills, and water-wheels with his knife. When he was

thirteen years of age he made an apple-paring machine, with which at the paring-bees held in the neighborhood he could accomplish more than a dozen girls. At the age of eighteen, his elder brother started a factory to make tacks by horse power, and he employed the youth to head the tacks, which had to be done one by one, by means of a vise. The boy was no sooner among the machinery than his dormant genius was aroused and before many months he had constructed a machine by which he turned out 200 tacks a minute, and more perfect in form than those made by hand. This machine he afterwards modified so that it made 500 tacks in a minute, and experts assert that it is not capable of any further improvement. He worked at tack making for some years, then sold his patent for \$5,000 and turned his attention to the improvement of gun barrels.

On the Blackstone River in Millbury, not far from his brother's factory, there was an extensive armory engaged in supplying guns to the government. The proprietor, Colonel Waters, had introduced improvements by which with a simple lathe he could turn the barrel round, and of a uniform thickness; but to turn the irregular form of the butt baffled all his efforts and those of every gun maker in the country. The butt had to be reduced by hand filing, and that cost \$1 per gun. After a year of experimenting the proprietor of the works heard of the rustic genius who had invented the tack machine and sending for him told him what was wanted. Thomas looked at the machine and after deep study for a short while, suggested a simple but altogether original cam-movement. This removed the difficulty instantly, and turning to the young man the delighted proprietor said: "I would not be surprised if you turned a gun stock." This was deemed impossible by mechanics. In two years' time he produced a machine which revolutionized the business of gun making. The news travelled over the country, being received at first with incredulity, then with amazement. Orders began to pour in for the machine and the young man's reputation and



A picture of a corner of the G. Marston Whitin Estate taken several years ago

fortune were made. For eight or ten of these machines ordered by the British government he received \$40,000.

He was soon requested by the U. S. Government to take charge of the stocking of guns at the Springfield Armory. Here he invented an instrument that would cut on a straight line, bore a round hole, and cut down and round in any direction, so that when the mortise was completed the lock fitted closely to the stock. All his experiments were failures until he observed the cut of the borer-worm in an oak log. Splitting open the log he studied the creature's operations with a microscope, and thus got his design—nature's own mechanical contrivance.

Mr. Blanchard's patents alone number twenty-five, and many of his contrivances were not patented. Before locomotives were thought of he invented a steam wagon, and also a machine for bending large timber, an improved steam boat for ascending rapids, a machine for simultaneously cutting and folding envelopes, and various improvements in railroad machinery; in short he was a mechanical prodigy. In his early years all his powers seemed to be centered in that of construction, but as he grew older his other faculties were developed and his speech impedi-

ment was conquered, so that he came to be recognized as a man of more than ordinary intelligence and culture. He died in Boston, Mass., April 16, 1864.

How long will it take you to answer the following?

What is the date of the War of 1812?

Who was Bismark, the great German statesman?

How long did the Thirty Years' War last?

Who wrote H. G. Wells' *Outline of History*?

If oranges sell for 40 cents a dozen, how much will 12 of them cost?

If the Fourth of July falls on a Sunday, what day of the month will it be?

What is Einstein's theory of relativity called, and who discovered it?

Name one book that Elinor Glyn, the author of "Three Weeks," wrote.

If the square of the hypotenuse of a right triangle is equal to the sum of the squares of the other two sides, what is the shortest distance between two points?

If "Dinny" Harrington has now run his car for seven years, how long will he have run it at the end of fifteen years?

Community Gymnasium Notes

The Job of the Christian Physical Director in the Community

A few days ago while sitting at my desk, a friend of mine from out of town happened in the office to pay me a brief visit. After looking over the building we came back to the office for a chat, and out of a clear sky this question was shot at me, "Harry, just where do you think you fit in this community? How have you sized up your job? Where do you think you're going, and why?"

Now, if this question has been asked me once, it has been asked a dozen times since arriving in Whitinsville, so under the circumstances I thought it a natural thing that I ought to try to answer it.

Now there are a lot of you folks that read this article who will heartily disagree with what I am going to say. In fact, that is just what I want you to do. Disagree with me—because disagreement brings controversy, controversy brings knowledge, knowledge brings truth and truth brings happiness; so you see, we will eventually arrive at a better and more wholesome understanding through disagreement than through agreement without reflection.

The job of the Christian physical director in the community is *not* primarily:

1. To see how many knee bendings, arm raisings, and trunk lowerings he or she can give in one lesson on the floor.
2. How many fat boys he can reduce.
3. How many athletes he can produce.
4. How many games his basketball team can win.
5. How many championships his building can acquire.
6. How much credit he can get in the papers.
7. How he can spend his time getting on the good side of some of the fellows who don't like him.
8. How much muscle he can produce on this fellow.

But his job *is* primarily:

1. To make himself responsible in a moral as well as physical way for the welfare of the whole community, individually as well as collectively.
2. To see that the people are provided in their leisure time with wholesome play and recreation.
3. To grasp every opportunity to advise along lines of good sportsmanship, fellowship and brotherhood toward each other.
4. And last but by no means least, to conscientiously direct all individuals toward greater spirit, deeper loyalty and better health throughout the community.

There, now, I have given you all my opinion, and nothing would please me better than to have those of you who do not agree come in and tell me so, and those who agree, give me your silent commendation and open co-operation.

Just one more thing in closing: Let us all strive to see that all of our visitors go away with good impressions of our community tucked away in the back of their heads; and let us remember that those impressions are obtained from the spirit which prevails in our community gatherings.

HARRY L. MALETTE.

Life Saving Corps

The Red Cross Life Saving Corps is still growing. Mr. MaLette has just finished some more examinations. Al Porter of the blacksmith job has been made an examiner, and has been assisting Mr. MaLette with the examinations.

Peter Houghton, Arthur L. Marshall, Edith Fullerton and Mrs. Mulcahy have successfully passed their examinations in the senior division. The Corps now numbers 12 members, and Mr. MaLette hopes to have at least 15 before the first of the year.

Two of the championship pennants for the Nut Leagues (Senior Nut League and the High School Nut League) have arrived and can be seen in Mr. MaLette's office.

Basketball

The Whitin Community Association Basketball Team has started off in great shape. After the first two practise games which were held with Rockdale and Millville, the regular schedule opened on Saturday, December 8, with the Lynn Y. M. C. A. Reserves. The game was won by the W. C. A., 34 to 27, and in consideration of the fact that the W. C. A. is a wholly new aggregation and that the regular Lynn Y. M. C. A. team holds the Y. M. C. A. championship, at least of New England, it signifies a fairly good start for the home team.

Last Saturday night the second game of the season was played with the Inter-Nos Club of Providence. This game was also won by the W. C. A., 24 to 15.

A final cut was made by Mr. MaLette after Saturday night's game, so that the following men will compose the squad which will represent the W. C. A. for this season:

FORWARDS	GUARDS
Jackman	Bogie
Saragian	Hartley
Kizerbohosian	Ballard
Leonard	Smith
Wallace	Hayes
H. Johnston	Scott
	CENTERS
	Vaughan
	Crawford

On quite a few Saturdays during the season it will be necessary to keep a team home and send a team away. Therefore, it is necessary to have a squad of 14 men; but it is Mr. MaLette's hope to develop these 14 men so that they will all be of about the same caliber, so that the W. C. A. can be equally well represented at home and away.

A captain has not yet been chosen by the squad, but a canvassing of the squad for nominations brings the selection between Leonard, Bogie and Hartley. A captain will be elected from these three men in the near future.

On Saturday, December 22, the W. C. A. will play the fast Cambridge Y. M. C. A. Reserve team and a good game is looked for.

The season's schedule is as follows (all games at home unless otherwise specified):

December 22—Cambridge Y. M. C. A. Reserves.

December 29—Worcester Boys' Club.

January 5—Crompton & Knowles Co.
 January 12—Pending Brown Seconds.
 January 19—Worcester Y. M. C. A. Reserves.
 January 26—Millville A. C.
 February 2—Springfield College Second Team.
 February 9—Cambridge Y. M. C. A. (away).
 February 16—Worcester Boys' Club (away).
 February 23—Inter-Nos Club of Providence.
 March 1—Pawtucket Boys' Club.
 March 8—Open.
 March 15—Clark University Second Team.

The colors for the W. C. A. were finally decided upon—royal blue and gold—and the basketball suits have been ordered and are expected at any time.

December Health Jobs

1. He who cleans his teeth has good taste.

2. Every mother should lower some fruit down her son's neck each day in the week—and if her son happens to be a daughter, do it anyway.

3. Long nights of sleep mean long years of health.

4. When you are washing, remember you are the only one who cannot see the back of your neck.

5. A regular hour for every meal, not a regular meal for every hour.

6. Get out the dictionary now and then and find the meaning of the word "soap."

7. Take a shower now and then and avoid looking like a storm.

8. Laughing is much better exercise than kicking.

9. For a healthy complexion apply one apple to the face and rub in until it disappears.

10. When the reckless escape uninjured, it's only another accident.

Many of our weather prophets are predicting an open winter for this season. We like to be optimistic and hope that all the signs they are so sure of are in accordance with nature. In the meantime, we are pessimistic enough to remember the open winters of the past and are not too young to remember a few years back, when the first snow fell on January 6 and left us March 21. Here's hoping they are right.



SOCCER FOOTBALL TEAM

Front row, left to right: Fred Cowburn, or.; William Ratcliffe, jr.; Edward Nuttall, c.; Frank Lightbown, ch.; Harry Jackson, ol.
 Second row, left to right: James Ashworth, rh.; James Scott, lh.; Robert McFarland, rf.; Robert Holmes, lf.; McCracken, il.
 Third row, left to right: John Davidson, sub; David Blakely, secretary; William Wilson, g.; James Mateer, trainer; Abraham Lightbown, treasurer.

Soccer

The Soccer Football Team in the Triangle Industrial League this year finished in second place, losing the championship to Draper Corporation. Our team won eight games and lost two. The club has held the championship for the past two years in this League.

After the League finished its schedule the six teams entered into a competition for a cup offered by the Winchester Company. This was played for in an elimination tournament. The Whitin team met Nortons at Worcester on Saturday, December 8, and were defeated for the third time this season.

On Saturday, December 15, the team showed its ability and came back from its ragged playing by defeating the Worcester Rangers, league leaders of the Massachusetts Central League, and who are now in the semi-final round of the state cup, and the second round of the national amateur cup ties. The score against the Rangers was 3 to 2 in our favor. This defeat was the first one experienced by the Worcester Rangers this year.

Frank Lightbown, Edward Nuttall and Fred Cowburn played in practi-

cally every game this season, and were members of the club when it was first organized. The Club as an organization has been in existence for fifteen or sixteen years, and with the exception of one or two years has been champion of the league organization to which it belonged.

This year's manager, Eddie Nuttall, center-forward on the team, scored over half the goals for the club, despite the responsibility of managing the team. Credit should be given to Manager Nuttall for the successful season.

Greatness, in the last analysis, is largely *Bravery*—courage in escaping from old ideas and old standards and respectable ways of doing things. This is one of the chief elements in what we vaguely call capacity. If you do not dare to differ from your associates and teachers you will never be great or your life sublime. You may be the happier as a result, or you may be miserable. Each of us is great insofar as we perceive and act on the infinite possibilities which lie undiscovered and unrecognized about us.—JAMES HARVEY ROBINSON.



NORTHBRIDGE HIGH SCHOOL FOOTBALL TEAM

Front row, left to right: Louis Brown, manager; Kenneth Liberty, hb.; Henry Lawton, e.; Robert Frost, fb.; Frank Gow, t.; John Trinnier, hb.; Capt. Earl Liberty, t.; Philip Pilebosian, t.; Francis Horan, g.; Ushar Malkasian, t.; A. Ampagoomian, assistant manager.
 Rear row, left to right: Joseph Johnston, g.; Walter Cambo, e.; Arthur McClellan, e.; Aurelius Laplante, coach; Brendon Cahill, qb.; Burhan Bigelow, c.; Ralph Smith, g.

The Northbridge High School completed the first football season in many years, and considering the fact that the boys had never played together before, had a successful season, winning four games, losing three and tying one. The results of the games scheduled were as follows:

Northbridge	0	Milford	39
Northbridge	0	Hudson	12
Northbridge	12	Danielson (Conn.)	6
Northbridge	37	Southbridge	0
Northbridge	12	Ashland	0
Northbridge	6	W. Warwick	6
Northbridge	18	St. Johns	13
Northbridge	0	Hudson	6

Total points scored:

Northbridge	85	Opponents	82
-------------	----	-----------	----

In glancing through the *Southern Textile Bulletin* of Thursday, December 6, we came across a column entitled "Who's Who among Southern Salesmen," and were surprised to recognize the photograph of one of the Whitin Machine Works force, Mr. W. D. Lyerly. The column had the following good things to say about one of our representatives in the South:

"W. D. Lyerly has a big job that takes him over the entire Southern states, but he makes his headquarters at Charlotte.

"He is superintendent of Southern erection for the Whitin Machine Works and the volume of their business keeps him busy.

"Mr. Lyerly was born in Rowan County, N. C., near Salisbury, on April 3, 1882.

"He had a long practical mill experience, being for 18 years with

the Cannon Manufacturing Company. A wide experience with such successful mills gave him the experience that peculiarly fitted him for his present position. The job of superintending the erection of machinery for the manufacture of yarns from the coarsest waste yarns to the finest combed yarns and the keeping of an organization of erectors, scattered throughout the South, requires tact and executive ability and W. D. Lyerly has filled the position to the entire satisfaction of his employers.

"He has been with the Whitin Machine Works for twelve years and won his present position through the service he rendered the Whitin Machine Works and their customers.

"Mr. Lyerly is married and has one child."



W. D. Lyerly

Sunset

My mother's father used to sit
 And watch the setting sun.
 With tear-dimmed eyes he followed it
 Until the day was done.

One night I sat upon his knee,
 My curly head he blest;
 And then he told what he could see
 Out in the flaming west.

"There on those piles of snowy fleece
 That mount the western sky,
 The sunbeams paint with careless ease
 The dreams of days gone by.

"See! There's the old, old homestead
 With mother at the door!
 And there's the barn, the woodshed,
 The fields of childhood lore!

"And look! The blue brook flowing
 Across MacDonald's plain!
 And there! The cattle going
 To pasture down the lane!"

And ever as the flaming sky
 Would change to suit his whim,
 Familiar faces drifted by
 And sweetly smiled at him.

Visions clear, he saw once more,
 Of friends long laid at rest,
 Who beckoned from that golden shore
 That lies beyond the west.

—E. C. LEONARD.

Interesting Facts About Cotton

Continued from page 7, column 3

facturing practically at the source of raw materials, eliminating long freight hauls of fuel and supplies, the South is in a position to become the cotton manufacturing center of the world.

During the cotton year ending July 31, 1922, the Southern mills operated over 16,000,000 of the country's 32,000,000 spindles, and consumed 3,733,000 bales of American cotton, compared with a consumption of 2,178,000 bales in the mills of the United States outside of the cotton growing states. It will be interesting to watch New England's battle against this stupendous Southern competition.

The story of the cotton boll-weevil will appear next month.

Robert Robinson of the electrical department brought home a ten point buck which he shot near Barre, Mass., on the opening day of the deer season. Rob says that he has been hunting for thirty-five years and as this was his first deer he was willing to tell the world about it.



Leon Malkassian, son of Moses Malkassian of the Foundry

Frank McGowan, foreman of the picker job, came to work one morning and found an interesting note on his desk from the night watchman, Peter Dunlop, which reads as follows:

"I thought perhaps you would be interested in this story of an amusing thing that happened last night. There was a rat under the waste can which I chased up the stairs about five o'clock. It was really an amusing sight to see it run up before me, and right at the top step on the stairway it stopped and faced me. The rat then stood up on its hind feet and I thought sure it was going to jump at me, but no, sir, it laid down and rolled over on its side stone dead. That rat died of fright. If not, it was a poor sport and died of a broken heart because it lost the race up the stairs, or maybe when it got one good look at me it was too much for it. I have never seen anything like it in my ten years' experience chasing rats at night around the Shop."

(Signed) PETER DUNLOP.

Contributed by One of the Foremen

A correspondent writes in to say that he has seen a blind newsdealer, at a downtown corner, tap his way along the curb to a waste paper container in order that he might throw away an empty tobacco bag. Most of us have our eyes. Few of us take half that much trouble to keep a city clean.—GROVE PATTERSON.

Walter Brown Passes Away

On Thursday evening, December 13, Walter D. Brown, a member of the Production Department, died at his home at 20 Brook Street. Mr. Brown had been suffering for several months with heart trouble and had twice before been very near to death. About one month ago he returned to the Shop after a courageous struggle with his illness, and it was thought by extra care he could continue with his work.

In talking with Mr. Brown a few weeks ago, the writer was very much impressed with the hopeful attitude he took in regard to his condition, and with Mr. Brown's many friends, was very sorry to hear of his final illness. He had been employed in the Whitin Machine Works for twenty-two years, and in his duties in following up castings had a wide acquaintance in the Shop.

The funeral was held on Sunday afternoon at the Presbyterian Church.



Walter D. Brown

That the "American" gangster-killer is almost invariably the product of the foreign quarter of our great cities is something that will bear study. Conditions that breed such degenerates are intolerable; they must be changed.



Alexander Malkassian, six-year-old son of Moses Malkassian of the Foundry

One on the Judge

In a magistrate's court the other day a witness was being examined in a case where the defendant was charged with breaking the windshield of an automobile with a large stone.

"Was it as big as this book?" inquired the judge.

"Why, yes, it was much larger," replied the willing witness.

"Was it as big as these two books together?"

"Much bigger."

"Was it as large as my head?"

"It was as long, but not so thick," replied the witness, amid much laughter. —Selected.

On December 10th, a daughter, Roselia, was born to Mr. and Mrs. Alfred H. White, and on the same day, a son, Richard Charles, came to the home of Mr. and Mrs. Albert Buma. Both Mr. White and Mr. Buma work for Foreman Bragg on the drawing roll job. The rest of the men on the job have received cigars from Mr. White, and they would like to know when Mr. Buma is going to pass around his free smokes.

Experience is a dead loss if you cannot sell it for more than it cost you. —Clipped.

George Tebeau Tries to Tune Out Hebrew

On Friday night, December 14, George Tebeau, Mrs. Tebeau and their guest, Dick Casey, gathered around George's radio for a little entertainment. They listened for a few minutes to a lecture on Americanism and then George hunted around for a little music. He soon found some, which didn't prove to be very good. He tinkered around a little bit more, and shortly found a station which was unusually loud and distinct.

All three listened very attentively for fifteen or twenty minutes, and while it seemed loud and clear enough none of them could seem to understand what the lecturer was saying. Meanwhile George was adjusting and readjusting the apparatus in a desperate attempt to understand what was being said.

Suddenly the speaker ended, and an announcer informed them that they had just listened to an address in Hebrew by some well-known Rabbi. "Holy Moses," said George, "I hope that doesn't get into the SPINDLE."



An interesting picture of how they used to do it

The man who is looking for a soft spot, usually finds it under his hat. Bang the dents out of your skulls with the hammer of honest work and get rid of the idea that you can get something for nothing.

As the SPINDLE was completed for press last month, we were sorry to hear of the death of David V. Brown, a member of the inside paint job. Mr. Brown was one of our forty-year veterans, having a continuous service record of forty-two and a half years. Practically all of his service in the Shop was in the capacity of a painter.

The funeral service was held November 21, at 33 Forest Street, where he made his home. Rev. Walter H. Commons, pastor of the Village Congregational Church, officiated. The bearers were Robert K. Brown, Robert K. Brown 2nd, David T. Brown, William McAllister, Herbert F. Hall and Robert E. Henson.



TOOL JOB, 1895

Front row, left to right: W. S. Bragg, E. W. Ridley, A. H. Whipple, W. Sheehan, J. Fitzpatrick, E. Hall.
Middle row, left to right: A. J. Brown, H. B. Kenney, E. Beeman, J. A. Johnston, Robert Deane.
Back row, left to right: S. W. White, Robert Gordon, F. B. Hopkins, W. F. Tibbetts.
Robert Gordon is working in North Grafton. E. Beeman is in Greenfield. Hall when last heard from was in Chicago. W. Sheehan is retired and living in town. Brown, Fitzpatrick and Ridley have died.

The heads of a big manufacturing plant had this notice posted at the beginning of the summer season:

NEW RULE FOR OUR EMPLOYEES

All requests for leave of absence on account of toothache, severe colds, and minor physical ailments, and on account of church picnics, weddings and funerals and the like, must be handed to the foreman in charge of your department before 10 A. M. on the morning of the game.

—Houston.



The
WHITIN
Spindle



Pine Street, Whitinsville, Mass.

JANUARY
1924
Vol. 5 No. 5



FORTY TO FIFTY YEAR VETERAN EMPLOYEES OF THE WHITIN MACHINE WORKS

Front row, left to right: Frank Aldrich, 49 years; William Johnston, 48 years; James Brown, 47 years; David Brown, 47 years; Charles Sisson, 46 years; A. R. Fletcher, 46 years; William J. McSheehy, 46 years; Robert Vail, 46 years; George E. Barnes, 46 years; Patrick Cahalane, 45 years; Louis Brothers, 45 years; James McGuinness, 45 years; Louis Basinait, 46 years; B. R. Sweet, 44 years; Bart Callahan, 44 years.
 Second row: Daniel Leonard, 44 years; Frank Bassett, 44 years; Smith H. Brown, 44 years; James R. Ferry, 44 years; John Crompton, 44 years; William Norberry, 43 years; W. F. Tibbets, 43 years; George Barslow, 43 years; John Duggan, 43 years; John Fanning, 43 years; Joseph Dwyer, 43 years; William Rankin, 43 years; Paul Bruillette, 42 years; W. S. Bragg, 43 years.
 Third row: J. C. McGuire, 42 years; Dennis Mack, 42 years; Benjamin Brines, 42 years; J. A. Johnston, 42 years; Charles H. Wood, 42 years; Dennis Dunn, 42 years; George A. Riley, 40 years; William Cahill, 42 years; Percy Houghton, 41 years; Hugh Ferguson, 41 years; Peter Savage, 41 years; J. F. Carroll, 40 years; A. J. Brown, 40 years; John Feen, 40 years; John Regan, 40 years; Oscar L. Owen, 40 years.
 Unable to be present for picture: George Wood, 48 years; Albert Dunn, 47 years; Samuel Wallace, 43 years; Robert Britton, 43 years; Chester W. Lasell, 41 years.

A Brief Review of the Service Records of Our Forty-Year Men

In the picture on the opposite page is to be found all the men in the Whitin Machine Works who have been here for forty years or more, with the exception of four or five men who for one reason or another were unable to be on hand when the picture was taken.

Our limited space, of course, does not permit us to give a detailed account of each man's service record as we should like to do. Any man who has stayed by his job for more than forty years deserves the fullest measure of praise. On the other hand, it is a distinct compliment to the management of the Whitin Machine Works that they have made working and living conditions here so satisfactory that they have been able to retain such a large number of workmen over such a long period of time.

We hope that the long service records of these men will reveal to our younger workmen the splendid spirit of co-operation which has always existed in the shop between management and employees and that this spirit will continue to grow to even greater proportions in the years to come.

FRANK ALDRICH, formerly of the tool job, has worked here for 48 years. He started on October 21, 1874, as an apprentice for Thomas Lowe on the old repair job. After a year he was transferred to the card job under Henry Flanagan and Howard Burbank, and for six months was a member of the railway-head and drawing-roll jobs under George Carr. He returned to the card job, where he completed his time. For almost seven years he served as second hand on the drawing-roll job. From there he was transferred to the small-tool room under William Dixon, and later was sent to the spindle job as a tool-maker for Henry Woodmancy. He then returned to the small-tool room, where he was employed until his retirement last year.

GEORGE E. WOOD of the Foundry, who was unable to be present when the picture was taken, first came to work in the Shop in April, 1875, when he was 20 years of age. His first job was machine work under John Snelling, foreman of the bolt job. Then he worked for George Searles of the licker-in job, and then for Mr. Heath of the gear job. He was transferred to the Yard under Foreman Cook. From there he went to work in the Foundry, serving his time under Foreman Gray, and is at present employed at the moulders bench.

WILLIAM JOHNSTON, foreman of the Drawing Department, came into our employ in May, 1875. His first job was pegging cylinders for George Armsby, on cards. He started as an apprentice for Lloyd Smith on fluted rolls and a year later was transferred to Remington and Bathrick on spinning. He also worked for Malcolm Burbank on looms, and Howard Burbank on cards. Before completing his time, he became a member of the drawing job under Fred Houghton where he has been employed ever since.



President of the Whitin Machine Works

CHESTER W. LASELL, President of the Whitin Machine Works, started in the Machine Shop in September, 1882. He worked on various jobs throughout the shop for two years and became a member of the main office in 1884. In 1886, soon after the

death of Josiah Lasell, his father, he was made President of the Works.

WILLIAM RILEY, of the piping job, entered the Shop when he was 18 years of age, in August, 1873, and went to work on the loom job under Henry Warfield, where he remained for 2 years. He next worked for Howard Burbank on cards, and then on the roll job for Foreman Carr. Then he was laid off, and came back to work for Malcolm Burbank on looms in 1879. From there he went to the bolster job under Oscar Taft, and then to the pickers under Benjamin Graves. He was next transferred to the piping job, where he is still to be found.

JAMES BROWN, of the Repair Department, started to work for the Shop in March, 1876, on the bolt job, under Mr. Snelling. When he entered he was 13 years old. He started on his time in 1879 for Malcolm Burbank on loom parts, and has since that time worked for L. W. Smith on spinning rolls, Remington and Burbank on spinning parts, Burbank on cards, and then back to finish his time for Remington and Burbank. After working for a short time for Graves on pickers, he was promoted to the tool job under A. H. Whipple; from there he was transferred to John Snelling to do repair and tool work for the Blacksmith Shop and later became a member of the Blacksmith Shop tool room. From there he went to the repair job under Mr. Dale.

DAVID BROWN, of the spooler job, has completed 47 years of service. He first came to work in November, 1876, at the age of 15. He started on the roll job under B. L. M. Smith and was transferred to the spinning job under George Bathrick, and from there to drawing rolls under George Carr, and then for Ben Graves on pickers. He also worked for Houghton on drawing, Lowe on cylinders, Burbank on cards, and Metcalf on the chuck job. His last transfer was to Cleveland on spoolers, which department is now under John Wood.

CHARLES S. SISSON, of the box job, came to work for the Shop in

January, 1877, when he was 17 years old. His first job was cutting pegs for cylinders for George Armsby. He served his time there. Then he went on the road setting up cards for five or six years. He then became outside foreman on repairs for the House Department. He then succeeded Booth on repairs, and now has charge of a new department known as the box job.

JOHN J. REGAN came to the Shop from Providence on August 16, 1883. He first went to work as a helper, building looms for Joshua Dale. He worked at this for about twenty-three years and then took up his duties as a watchman, in which capacity he is still serving.

A. R. FLETCHER, foreman of the card job, came to work in April 1, 1877, when he was 23 years old. He first worked on the loom job under Henry Warfield and Malcolm Burbank. He was then transferred to the card job under Howard Burbank and from there he was transferred to the railway job under Dave Smith, where he finished his time. Under the instruction of Gustavus Taft, Mr. Fletcher built the first coiler in the Whitin Machine Works. He was then appointed assistant foreman to Howard Burbank and was later made foreman of the card job.

W. J. MCSHEEHY, on Gill's job, was about 15 years old when he came to work in the Shop, back in June, 1877. His first work was on the bolt job under John Snelling. Then he went to the bolster job under Oscar Taft, where he remained for 13 years. Next he went to work for Mr. Cleveland on spoolers, and in November, 1890, started on the roll job under B. L. M. Smith, where he has worked for 33 years, during which time Mr. Smith has been succeeded by G. L. Gill.

ROBERT VAIL, of the Foundry, first went to work at the floor bench in the Foundry in June, 1877, when he was about 15 years old. He has remained there for 46 years and has served under Foremen Fletcher, Gray, Cole, Lincoln, and Moffett, his present foreman.

GEORGE E. BARNES, a rough straightener on the spindle job has been here since Aug. 9, 1877. He was

19 years old when he came, and except for a few odd jobs during slack periods has done the same work for practically all of his 46 years.

PATRICK CAHALANE, on Fletcher's job, has been with us since May, 1873, except for five years during the business panic of 1875-6 when he went to work in Fitchburg. While he has been here, he has worked on the following jobs: Lowe, on pulleys; Wade, on milling; Flanagan and Burbank, on cards; Warfield, on looms (on which job he finished his apprenticeship); Lloyd Smith, on rolls; Cleveland, on spoolers; and back to the card job again, where he has been working for about thirty years.

LOUIS BROTHERS, service date, July, 1878. When he entered, he was about 19 years old. He went to work on the roll job under a foreman by the name of Heath. He remained there for 24 years and was then transferred to the chuck job under Metcalf. From there he went to the packing job under Smith Brown, and then to Charles Pollock, foreman of the paint job. He started in the polishing room under Pat McSheehy, and is now at the same work under Foreman Kelliher.

JAMES MCGUINNESS, of the Foundry, first started to work in July, 1878. He was 20 years old at the time, and his first job was in the cast-iron room under Tom Roche. From there he went to the Foundry, where he has served under Gray, Cole, Lincoln and Moffett.

LOUIS BASINAIT came in the spring of 1877 when he was 18 years old. He went to work on spinning setting up for Charles Pollock and worked on that job for forty years, except for about a year when he was setting up looms for Joshua Dale. For the past five or six years he has been running an elevator.

B. R. SWEET, service date, April, 1879. Mr. Sweet commenced work at the age of 17, for B. L. M. Smith on rolls, and was later transferred to David Smith on railway-heads. He then went to the tool job under Herbert Barnes. In 1888 he was placed in charge of the spindle job, which was then under the supervision of Henry Woodmancy, who was not able to have active charge on account of

ill-health. In 1895, he was appointed foreman of the spindle job, which position he held until November, 1923, when he was promoted to No. 2 office and made supervisor of spindles and bolsters.

BART. CALLAHAN, of the core room, started to work in May, 1879, out in the Yard for Foreman Cook when he was 19 years old. He has since worked for Oscar Taft on bolsters, and in the Foundry under Foremen Gray, Cole, Lincoln and Moffett. Three years ago, he went to the core room, where he has served under Foremen Cotter and Ward.

DANIEL LEONARD, on Fletcher's job, was a mere lad of 13 when he first came to work in June, 1879. His first work was on the roll job under Louis Smith where he stayed for about five years. He then came up on the card job and worked for John Harrington. Then he went on the drawing job under Fred Houghton. From there he returned to the roll job and worked under George Carr. He worked for Malcolm Burbank on looms, after which he took up his present work on the card job.

FRANK BASSETT, on Blanchard's job, first came to work in August, 1879. We were unable to get an account of his service record, because he has been out sick recently.

SMITH H. BROWN came to work in the cast-iron room in August, 1879. He remained there for two days, when he was transferred to the Yard. After a month, he went back to the cast-iron room, where he worked for one day. He was then transferred to the packing job, where he remained until he retired on August 11, 1922, after 43 years of service.

JAMES R. FERRY, of the Service Department, came to work first in August, 1879, when he was 20 years old. He worked for 15 years on spindles under Henry Woodmancy. He then went to the office on repair work and later took charge of this department. For the past 15 or 20 years he has been in charge of the tenements, and has been a member of the No. 2 Office and the Service Department.

JOHN CROMPTON started to work November 21, 1879, for Charles Pollock. He has since worked for

Joshua Dale on looms, Benjamin Graves on combers, John Wood on spoolers, Thomas Crompton and Frank Bates on spinning. He worked for 17 years on spinning, and retired this year.

WILLIAM NORBERRY came in January, 1880, when he was about 30 years old. His first job was in the polishing room under John Aldrich. He then worked for Joshua Dale for one year setting up looms, after which he returned to the polishing room. Mr. Taft then put him on the mason work in the old carpenter shop. From there he went to the spindle job under Henry Woodmancy. He has worked on this job for forty years.

W. F. TIBBETS, of the Production Department, entered the Shop in February, 1880, when he was 17 years old. He started on the spinning job for Remington and Burbank, was transferred to the planer job under Robert Brown, and from there to the drawing job under Fred Houghton, where he finished his time. He worked on pickers for Benjamin Graves, and served 25 years on the tool job, a part of which time he was foreman. For six years he was a member of No. 2 office, and for the past 9 years has been a member of the Production Department.

SAMUEL WALLACE, of the Foundry, first came to the Shop in March, 1880, when he was 17 years old. He started in the Foundry under Dave Gray, where he served his time. He has also served under Cole, Lincoln, and the present foreman, Moffett.

GEORGE BARSLOW, of the Carpenter Shop, came to work in the Shop in April, 1880, when he was 22 years old. He first worked for J. T. Carter on railway-troughs and spooler-boxes, on which job he was appointed second hand. He was transferred to loom work under H. C. Peck, where he worked for about 14 years. He then worked for 7 years for George Parker on spinning, and has been on speeder work, his present job, since it was started in the Shop in 1911.

JOHN FANNING, of the core room, came in April, 1880, when he was 26 years old. He worked in the Foundry for 38 years, when he was transferred to the core room on account of rheu-

matism. He has been at his present work for about six years.

JOSEPH DWYER, of the comber job, started to work for the Shop April 8, 1880, when he was 23 years old. He worked for Louis Smith for 1 year and then for Charles Pollock on spinning for 2 years. He then spent 27 years on the roll job under Lloyd Smith, and then came to the comber job where he has been for the past 13 years.

JOHN DUGGAN, of the Foundry, was 21 years old in May, 1880, when he started to work for the Shop. His first job was in the Yard under Cook. He then went to the roll job under B. L. M. Smith, and from there to the Foundry, where he has worked all the rest of the time, except for the slack periods when he worked at Castle Hill under Monroe.

WILLIAM RANKIN, of the card job, started May 3, 1880, when he was 17 years old. He first worked on the loom job for Malcolm Burbank, where he stayed for 20 years. He then went to work for Mr. George Barnes on the card job, for whom he worked until the job was moved upstairs under Mr. Fletcher.



ROBERT BRITTON, foreman of the Screw Department, entered in September 1880. In 1888 he set up the first screw machines in the Shop, and shortly after, he installed the first automatic screw machines, which were quite a curiosity in those days. He was appointed foreman of the

Screw Department in 1895, which position he still holds.

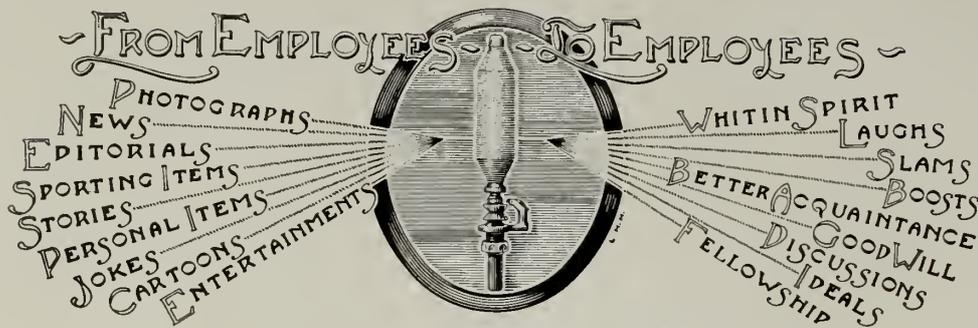
PAUL BRUILLETTE began work for the Shop in May, 1881. His first job was in the cast-iron room under Tom Roche. Then he went on the packing job for Mr. Rhodes, who was later succeeded by Mr. Wilmot. He also worked for Joshua Dale on looms, and for Oscar Taft on bolsters. He remained on the bolster job until the time of his retirement in 1918.

W. S. BRAGG, foreman of the drawing roll job, came Oct. 6, 1880, when he was 19 years old. He worked on spinning for B. L. M. Smith, planers for Robert Brown, on drawing for Fred Houghton, and on spoolers for Cleveland, where he finished his time. He then went back to Houghton and from there was transferred to the drawing roll job under George Carr. Next he worked for Whipple on the tool job, and upon the death of George Carr was appointed foreman of the drawing roll job.

J. C. MCGUIRE, of the card setting up job, began his work here March 1, 1881, when he was about 17 years old. He started for Charles Pollock setting up spinning, where he stayed for 12 years. Then he worked for about 30 years setting up cards under Joseph Schofield and the present foreman, A. R. Birchall.

DENNIS MACK, of the drawing job, was 17 years old when he reported for work in April, 1881. He worked for three or four years on cards for John Harrington; one year on spinning for Remington; for Joshua Dale setting up looms; for Charles Cleveland on spoolers and coilers for five or six years; and then came to the drawing job, then under Fred Houghton, in 1897.

BENJAMIN BRINES, on spinning, first appeared at the Shop in April, 1881, at the age of 26. He went to work setting up looms for Joshua Dale and stayed on that job until the outbreak of the World War, when the Shop stopped making looms. Since then he has worked on the spooler job under John Wood, on combers under E. P. Barnes, on quillers under Bates, on cards under Birchall, back on spoolers and twisters, and then to the spinning setting up floor under Bates.



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonists

L. G. Lavallée Robert Hargreaves
John Minshul

Illustrator, L. H. Horner

Member of Industrial Editors Association of
New England



American Extravagance

Chamfort once said that change of fashions is the tax which industry imposes on the vanity of the rich. In America this tax seems to be imposed on everyone.

A short time ago a black collar was put on the market, and large numbers of our young men immediately laid aside their perfectly good white ones and adopted the raven-hued variety. The fad lasted just about as long as "Yes, We Have No Bananas." The dark collars, for the most part, have now been discarded, and the money spent for them is a total loss as far as the young men who bought them are concerned.

Next came the shoe-string neckties which fasten onto the front buttons of the shirt. This style waned with the moon, and there's no telling what will come next.

Every year men's clothing is changed so completely from the apparel of the previous season, that the year-old clothing is readily recognized as hopelessly antique, that is, by those men who really make an attempt to keep up to date.

Fortunately, however, the fashion fever is much less prevalent among the male of the species, than it is among the fairer sex. There is a good reason for this. Most business men are level-headed enough to appreciate the folly involved, mainly because of its abnormal drain on their exchequers. A certain class of women, on the other hand, have no time to consider receipts; they are concerned only with expenditures, and the more they can spend, the better they like it.

The really bad part of the fashion fever epidemic, however, is to be found among the ladies of the more exclusive sets of our American society. These social leaders spend yearly for their wardrobes, alone, anywhere from \$5,000 to \$25,000. Any number of expensive gowns and slippers are worn but once and then relegated to the "old clothes pile."

With the slums of our great cities echoing with the cries of poverty-stricken families against hunger, sickness and death, such an abuse of wealth for personal clothing should be branded as a high crime.

"We sacrifice to dress till household joys
And comforts cease. Dress drains our
cellar dry,
And keeps our larder lean; puts out our
fires,
And introduces hunger, frost and woe,
Where peace and hospitality might reign."
—Cowper.

Hot Dog, a popular magazine of rather exclusive circulation, says:

"The only thing that some people use their heads for is to keep their ears apart."

Interesting Facts About Cotton

In a recent edition of the *Literary Digest*, there appears a cartoon which pictures the American industries resting upon a huge bale of cotton the base of which is being eaten away by the cotton boll weevil pest. The application is clear. America's prosperity for any particular year is greatly influenced by the size of the cotton crop. Between the years 1909 and 1921 there has been an average yearly destruction of 10% of our cotton crop by the boll weevil, the figures falling as low as 1.28% in 1911, and rising to as high as 30.98% in 1921.

As manufacturers of textile machinery, the battle against this cotton pest should be of particular interest to us, because this little insect is mainly responsible for the quiet at present prevailing in the textile industry.

The Cotton Boll Weevil

The pest known as the Mexican Cotton Boll Weevil was first found in Central America and in the West Indies. Its ravages stopped the cultivation of cotton in the Monclova district of the State of Coahuila in 1863. It appeared in Matamoros, Mexico, about 1888, and spread across the river to Brownsville, Texas. By 1902, it had infested practically all of the best cotton growing regions of Texas, where in 1901 and 1902 its ravages were estimated at about \$10,000,000.

The adult insect is a small, long-snouted, grayish weevil less than a quarter of an inch long. Throughout the season it punctures and lays its eggs in the squares and bolls of



Adult cotton boll weevil, enlarged and natural size

the cotton plant. The larva is a fat, white maggot about three-eighths of an inch long when full grown. It lives upon the internal tissues of buds and bolls. When the square is attacked, it usually drops, but most of the damaged bolls remain upon the plant and become stunted or dwarfed, except late in the season when they



Larva of the cotton boll weevil, enlarged and natural size

either dry or rot. The larva pupates within the boll, which may contain several larvae. The adult weevils hibernate in grass, in late cornstalks, in old bolls on the cotton plants, and in piles of seed about the cotton gins.

The weevils appear when the cotton blossoms or earlier, and feed on young twigs and leaves. There are four or more generations each summer, the larvae being found as late as December. No food plant other than cotton is known. The infestation of a field is evident from the falling blossoms. The Department of Agriculture recommends as the best remedies early planting, thorough cultivation, the planting of wide rows in order to admit the sun, and the destruction of the plants by fall plowing and fire in the autumn.

The pest is now found in all the cotton growing states. During the past year it has caused unusual damage and brought about great loss to the cotton growers. There is some impatience that our scientists have not been able to bring it under complete control, but this failure has not been due to lack of effort. The campaign has been waged with unremitting vigor and each year some gains are made, notwithstanding the increased damage which is being done.

The results of the calcium arsenate dust treatment give increasing assurance that where this method of

control is properly applied, it will be found most helpful. Recent experiments made in co-operation with the Air Service of the War Department give hope that the use of airplanes for the distribution of this poisonous dust may not only reduce the cost, but extend the use of this treatment throughout the South.

In the *Textile American* for December, 1923, under the title: "An Inexcusable Excuse," is to be found an excellent discussion of the boll weevil problem. The writer implies that there is too much being said about the boll weevil menace, and too little being done to exterminate the pest. He accuses the cotton farmers of planting greater areas than they can successfully cultivate, and maintains that there is a general lack of co-ordination of effort in a matter which is of such great importance to the whole industry. "Instead of organizing throughout the affected section, and even beyond," he says, "they attempt to fight the insect in one place, while it over-runs another. It is fought on one farm, while the neighboring farms are infested. There never will be satisfactory results until the whole cotton growing industry acts as a unit, and government aid will be ineffective unless drastic measures are enforced."

According to the *New York Times*, the boll weevil problem was discussed at the Science Convention recently held in Cincinnati. We quote:

"Science now thinks it is on the way to a solution of the boll weevil problem, which costs the world millions of dollars every year through the destruction of cotton plants, according to Dr. N. E. McIndoo of the Bureau of Entomology at Washington.

"It is now believed that the boll weevils find their way to cotton fields miles away by a very acute sense of smell, and are attracted by a peculiar odor given off by the cotton plants.

"So experiments are being made to determine whether this odor cannot be done away with, or imitated in such a manner that the boll weevils can be lured into traps before they get to the cotton fields.

"The reactions of the boll weevils

to such odors as peppermint, wintergreen, honey, citronella and various syrups have been tested, according to Dr. McIndoo, but none of these odors seems to act as a siren's song to lure the boll weevil to ruin. He said Dr. F. B. Power and V. K. Chestnut of the Bureau of Chemistry are now working in the laboratory on vast numbers of cotton plants, which they have distilled in the hope of getting an extract with a 'Lorelei' odor."

When we consider the scientific accomplishments of the past decade, the problem of exterminating the boll weevil should be merely a playful pastime for the penetrating minds of our modern scientists.

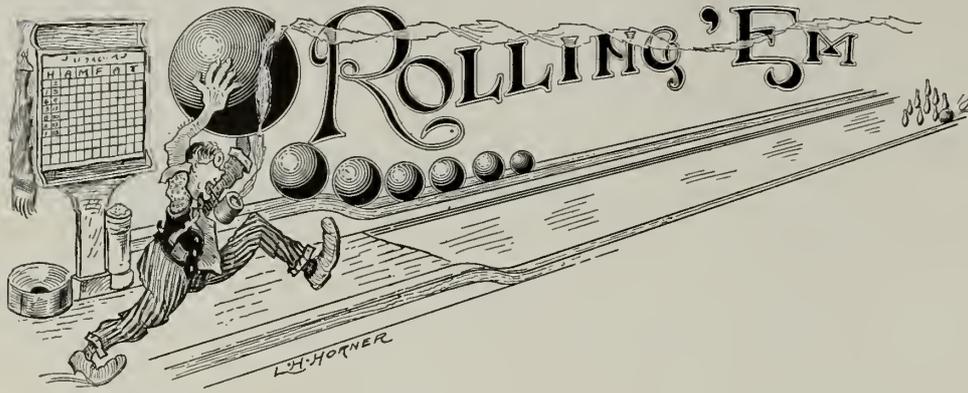


Work of the cotton boll weevil

The Whitinsville Follies

Several people have commented upon the excellence of the pictures of the bridesmaids and others, which appeared in last month's issue of the SPINDLE. Inasmuch as we neglected to give due credit to the photographer who took these pictures, we are taking this opportunity to inform our readers that the work was done by E. A. Adams of Whitinsville. The SPINDLE wishes to compliment him on these pictures, and to express its appreciation for his many favors.

Frank Mateer, coming home from Woonsocket on Saturday, January 19, burnt out one of the bearings on his Buick machine. He went into Uxbridge to get a repair man, leaving his car at the side of the road. When he returned, he found that some gasolene Samaritan had taken one of his rear wheels, his spare tire, and his robe. If this note should happen to come to the attention of the "gentleman" who performed this service, he is requested to call at Frank's garage for the rest of the car.



Cards Still Leading Shop League

The standing of the Shop Bowling League in the first three places remains the same as that of last month, the Card job leading the Spinning by three points, while the Spinning leads the Spindles by one point. The Card job in keeping its lead has won every point during the past month. The Foundry organization has been the feature team of the month, having come from seventh place into fourth place.

In the individual averages Willard takes the lead away from Broadhurst with practically a 98 average. A glance at the individual averages will give an idea of the caliber of bowling this year. Eighteen men have better than a ninety average, eight of whom have 95 or better. Champagne, a new roller on the Spindle team, who started a few matches ago, is already among the high rollers with an average of 93.9, and has annexed the high individual string with 130.

In the match between the Foundry and Down Homers on December 19, Bart Connors had a high string of 114. The second string of the match was won by two pins and the third string by six pins. Malgren of the Pickers in a match with the Foundry team, had a high string of 108, and Leon Wood of the Spinning team had a string of 106 against the Down Homers on December 31. Gentis of the Card team started the new year with a total of 297, having a bad string of 79 for a start and finishing with one of 122. On the same evening Marien of the Spindle team rolled 122 in his third string, and finished the evening with a total of 305. Roche of the Card team rolled

a string of 106 against the Down Homers on January 7, and Gentis rolled 108 in his first string.

The Spindles in rolling the Pickers on January 7, broke the high single team string total with 520, or an average of 104. This was made possible by Champagne's string of 130 and Davidson's string of 113. On the same evening Marien of the Spindles rolled 112 in his third string.

SHOP BOWLING LEAGUE STANDING Week Ending January 12

	W	L	%	Pinfall
Cards	32	12	.727	15,178
Spinning	29	15	.659	14,984
Spindles	28	16	.636	14,846
Foundry	20	20	.500	13,358
Patterns	19	21	.475	13,518
Bolsters	17	23	.425	13,517
Pickers	17	23	.425	13,410
Down Homers	5	39	.114	14,222

Individual Averages

Willard	97.9	Hartley	89.3
Marien	96.2	Hutt	89.3
Montgomery	95.6	Dorsey	89.2
Broadhurst	95.5	Saragian	89.1
Gentis	95.5	Ballard	88.7
Nash	95.3	Peltier	88.6
Davidson	95.1	Hall, J.	88.5
Hanna	95.0	Kane	88.5
Roche	94.0	Brown	88.4
Champagne	93.9	Crompton	88.2
Minshull	93.5	McQuilken	87.9
Connors	92.9	O'Brien	87.9
Malgren	92.8	Donovan, L.	87.7
Bisson	91.9	Ballard, E.	87.5
Wood	91.2	Donovan, F.	87.0
Veau	90.4	McGuinness	87.0
Hall, W.	90.2	Finney	86.5
Melia	90.2	Hasson	86.5
Boyd	89.9	Benner	85.8
Paquette	89.4	Young	85.4
Campo	89.3	Clark	82.7

High Single Strings

Champagne	130	O'Brien	114
Nash	125	Paquette	113
Marien	125	Campo	112
Roche	124	Donovan, F.	112
Gentis	122	Hanna	112
Willard	122	McGowan	112
Davidson	122	Mall, J.	111
Hutt	117	Malgren	111
Saragian	116	Montgomery	111
Connors	114	Broadhurst	110

High Three Strings

Willard	331	Nash	306
Broadhurst	317	Roche	306
Gentis	316	Connors	304
Malgren	316	Montgomery	304
Champagne	311	Hanna	300
Marien	308		

Office Bowling League

The only difference in the league standing of the Office Bowling League between this month and last is the position of Team No. 6, which has dropped from fourth place to a tie for the cellar championship.

A glance at the individual averages compared with those of last month will show that there has been a mid-season slump in the bowling, the averages dropping one and two points in a large number of cases. Harold Johnston, who led the league last month with a 97.5 average, has dropped to 96.4; McGoey has dropped from 93.4 to 92.8 and Foley from 94.2 to 92.0; Connors from 92.6 to 90.8. The only one of the leaders who increased his average was Cain of No. 4 team who jumped from 92.6 to 92.8.

Carpenter of No. 6 team had his annual big night on December 18, with an average of 94.8 and a high string of 107. This was after a match the week before with an average of 78.8 and was followed with a back-to-normal stride of 84.8 the following week.

On December 18 Foley had a high string of 107 to offset three 78 strings in the same match. On the same evening Park of the same team rolled 106. In this match Lamb of No. 5 team started off with 112 and Brennan and Crawford finished with 107. On January 1 Ferry had two heavy strings, starting with 107 and finishing with 116. On January 1 Bill Greenwood came nearer his usual average when he rolled 92.2, with a string of 106.

On January 3 Henry Crawford started back toward his high standard of the opening of the season with a 94.6 average and a first string of 111. He was tied for honors with his team-mate, Raymond Adams, who had the same average and a high individual string of 104. On January 8 Harold Johnston came within two pins of tying the high single string when he rolled 127 in his fifth string, and totaled 509 for the evening. He improved with each string, starting off with 83 and following this up with 87, 103, 109 and 127. James R. Ferry, who has been one of the most consistent bowlers of the season, had a high string

of 110 on January 8. Arba Noyes obtained 119 in his third string on January 10. His second and fourth strings were 75 and 79, respectively, and his first and fifth strings 90 and 98.

OFFICE BOWLING LEAGUE STANDING

Week Ending January 12

Team No.	W	L	%	Pinfall
Team No. 3	51	26	.662	19,509
Team No. 4	46	31	.597	19,428
Team No. 2	42	35	.547	19,300
Team No. 5	32	45	.415	19,189
Team No. 6	30	47	.389	19,136
Team No. 1	30	47	.389	18,886

Individual Averages

Johnston, H.	96.4	Lamb	87.8
Cain	92.8	Driscoll	87.4
McGoey	92.8	Park	86.8
Foley	92.0	Carpenter	86.5
Connors	90.8	Greenwood	86.1
Lincoln	89.3	Dalton	85.3
Noyes	89.0	Crawford, W.	85.1
Ferry	88.8	Parcher	84.8
Crawford, H.	88.7	Brennan	84.4
Noble	88.7	Duggan	84.4
Adams	88.2	Alden	82.8
Wild	88.2	Ball	82.8
Hamilton	88.0	Johnston, E.	82.6
Scott	87.9	Whipple	79.5

High Single Strings

Foley	129	Adams	115
Johnston, H.	127	Cain	114
McGoey	126	Crawford, H.	114
Connors	120	Lamb	112
Noyes	119	Scott	112
Ferry	116	Brennan	111
Noble			111

High Five Strings

McGoey	517	Connors	490
Johnston, H.	509	Driscoll	490
Foley	505	Ferry	488
Crawford, H.	503	Dalton	486
Cain	490	Adams	484

Whitin Team Defeats
Crompton & Knowles

On Friday, January 11, the All Star Bowling Team of the Crompton & Knowles Loom Works rolled a representative team from the Shop Bowling League of the Whitin Machine Works in one of the closest matches ever staged on the Pythian Alleys. The Whitin Machine Works finally won by four pins, defeating their opponents by a total score of 1,388 to 1,384.

Crompton & Knowles finished the first string with a lead of 21 pins. In the second string the Whitin Machine Works cut down the lead, winning the string by 11 pins. Beginning with the third string two spares by Montgomery with eight on the first and three on the second, and one spare by Gentis with six on it, tied

the score at the completion of the first two boxes. At the end of the fourth box the Whitin Machine Works led by 3 pins, and at the end of the sixth box had a lead of 15 pins, and 8 pins at the completion of the eighth box. Two spares, one by Gentis and one by Willard, won the match in the ninth box. Our team had a lead of three pins when the last man of each team stepped up to roll his final two boxes. One can imagine the excitement when Willard got a spare in his first box, with seven on it, and Loiselle of Crompton & Knowles secured a spare in his last box. Willard got nine on his spare, making it impossible for Crompton & Knowles to win the match, but a strike on the last ball would tie the score. He got six pins on his spare and the match went to the Whitin Machine Works by four pins, as stated in the first part of this article.

A return match will have been rolled at the Worcester Boys' Club Alleys in Worcester, by the time the SPINDLE comes into the readers' hands. An account of this second match will appear in the next issue.

WHITIN MACHINE WORKS

Roche	85	95	98	278
Nash	32	97	80	259
Montgomery	84	106	101	291
Gentis	86	89	96	271
Willard	93	100	96	289
	430	487	471	1,388

CROMPTON & KNOWLES

Coyle	88	93	93	274
Johnson	86	97	102	285
Porcaro	105	98	88	291
Ash	83	96	81	260
Loiselle	89	92	93	274
	451	476	457	1,384

Joseph Paquette, motorman on the Linwood Street Railway, usually rises at five o'clock in the morning. One morning recently, however, his alarm clock rang an hour early. He got up, called up the Power House and had them turn on the power, and drove his car down as far as the cemetery. Not meeting any of his usual customers, he took out his watch and discovered his error.

Has Orange 54 Years Old

Henry Jennings of the comber job, in answer to his description of an orange which had been preserved for fifty-four years, received a letter from the Burroughs Nature Club as follows:—

Dear Mr. Jennings:—

Your letter about your orange is particularly interesting to the writer, who for years owned one fully petrified. It was heavy and cold as any stone, and, of course, solid. Being a navel orange, the seed question did not enter into the puzzle. This specimen was given to the writer as a child, and nothing was known of how it met the conditions which transformed it to stone. But petrification is a simple enough process, due to infiltration into organic matter of water in which much mineral is dissolved, so that gradually a deposit of mineral forms all through the organic tissues, turning them to stone. The orange in question had probably been thrown or dropped somewhere in the region of mineral waters, in climatic conditions that made decay slow, so that the mineral deposit had taken possession of the orange before decay could set in.

In the case of your specimen, we can only guess that this orange dried up in very clear, un-moist air, in which the juice in the pulp was quickly evaporated, leaving the delicate tissue that holds the juice empty, so that it became desiccated, as did the skin. The whole substance thus becoming a leathery shell, would no doubt withstand the atmosphere indefinitely, almost as shell does. Of course as we are not examining the specimen, we can only guess. You do not state whether the skin is intact, and shows no puncture through which the juice might have been drawn off by sucking through a tube. The seeds are not very moist, anyway, and even normally withstand decay a long time, just shrinking dryer and dryer until practically like shell.

You certainly have an interesting curiosity, and we have enjoyed hearing from you.

Cordially yours,

BURROUGHS NATURE CLUB.

Steam Hammer Reflections

BY C. T. BURLIN

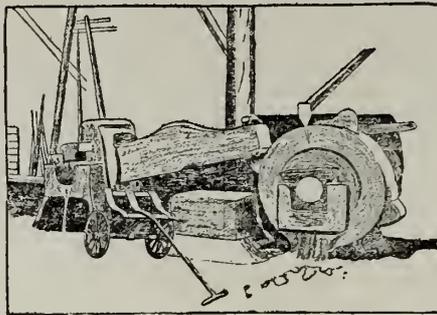
Previous articles have dealt with the histories of famous blacksmiths. We shall now try to show where and how the material worked by them was made.

It is not known when or where iron was first used. In the ruins of Nineveh (famous for its fish stories) have been found saws and knives and harpoons for catching whales, not much different from those now in use. It seems incredible that Noah could build the ark without spikes, or navigate for three years without an anchor, as a pout-fisherman's anchor, that is, a rope tied around a stone, is very often a delusion and a snare. (The writer knows something about this.) We are certain, however, that Tubal-Cain and Company furnished such things made from iron.

Egyptian sculptures of 1500 B. C. show bellows similar in design to those used by some blacksmiths of the present day that have not yet gone into the automobile business. The reason that so many of the tribe of blacksmiths have taken up the auto business is that the automobile when first introduced was so complicated that it could not be readily understood by any other class of mechanics.

Pliny says that in his time (50 A. D.) iron and steel were made in Spain. He says that the quality of the steel depends on the nature of the water used in hardening it, and also that oil is preferable for small articles. Aristotle (350 B. C.) refers to a steely iron made into knives which sometimes were brittle through excessive hardness. He must have tried to pull a cork out of a bottle with his pocket knife. We used to do that here a few years ago, and found the same brittleness, so there has not been much improvement made in steel during the last 2500 years.

Through the agency of the Romans, iron making was introduced into all countries where it was not previously known. In England it was introduced by King Canute, the Viking from the North, hence the



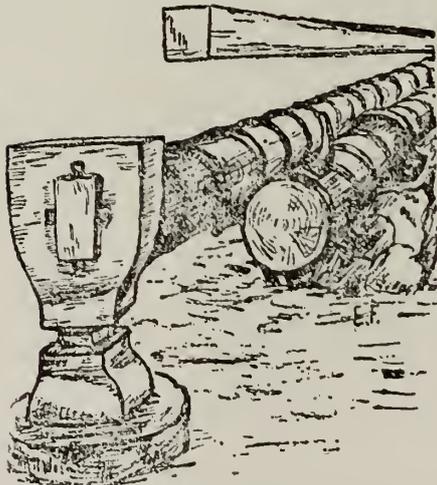
Bloom hammer, water wheel type

name Viking steel, of which we have a goodly supply in the Shop. As late as 1685, there were only 16,000 tons of iron made in England in a year. Forges for making iron on a large scale were started in Sweden about 1525, and by 1660 the yearly production was 23,000 tons. Hammers run by water power were used for drawing out the bars.

The working hours were six hour shifts. Shops were run continuously from 6 o'clock Sunday night until six the following Saturday night, excepting for the nail forgers, who worked from 4 in the morning until 9 at night, every day in the week.

The first rolling mill in England was started in 1783. The first puddling furnace to use mined coal was patented in 1784. The steam hammer (Nasmyth) was patented in 1856.

The most conspicuous steel in this country today is "U. S. Steel" which was first invented in Wall Street. This steel is subject to a great deal of expansion and contraction, and lots of people have been burned by catching hold of the hot end of it. It must not, on that account, be called "blister steel," because that



For drawing bars, run by water wheel. Note the way the bottom log lifts the hammer beam bound by iron bands

is entirely another product, being manufactured in Russia.

Then we have high speed steel, which was first discovered by a blacksmith in Pennsylvania. Steel is peculiar in many ways: if you put your tongue on it on a frosty morning, it becomes covered over with skin; it also has a great deal of personal magnetism and has a tendency to get into your eyes, in which case it gives you a steely look. Blacksmiths love good steel, yea, even better than their favorite bootlegger.—AMEN.

Pride

It was in late September,
Or perhaps it was November,
I was walking down the street in
drunken pride.
My knees began to stutter, and I
fell down in the gutter,
And a pig came up and lay down by
my side.

As I lay there in the gutter,
My heart was in a flutter,
And I chanced to hear a passing lady
say,
"You can tell a man that boozes, by
the company he chooses,"
And the G. D. pig got up and ran
away.

Yelle Hooyenga, a member of the drafting room, wishes to thank those with whom he works, for his 1924 supply of "smokes," which were presented to him just prior to Christmas. Yelle says he is sure to make good use of his Christmas presents during the long coming winter evenings.

We have a short note from the Blacksmith Shop which states that two locally well known Dodge car rooters were "Dodging" home from Woonsocket one night lately when one said to the other:

"Here, man, you will have us in the ditch yet."

Astonished, the other said: "Who! me? I thought you were driving."

No names were mentioned by the writer of the note, but the chances are that he was trying to protect the authorities of Woonsocket from the Marine Corps Clean-up Squad which Philadelphia is now experiencing.

Service Pins Awarded in The Month of January

40-Year Pins

Oscar L. Owen

25-Year Pins

Henry Frieswyke Herbert Adams
P. T. Baker

15-Year Pins

Amd. Asadoorian Joseph Benoit
Owen McGrath C. A. Allen

Charles Noble

10-Year Pins

C. A. Britten Bernard DeVries
Asadoor Najarian Louis Paquette
G. D. Simmons George E. Clapp

5-Year Pins

Gert Bosma A. W. McNeil
Henry Kooistra John Minshull
Edmund Morrell Mrs. J. Carr
G. B. Smith Henry Pariseau
Elmer Wheeler Wm. F. Waterhouse
May Cooper Paul Kingston

AND THOSE CENTIPEDES

"How old is your little brother, Johnny?" inquired Willie.

"Just a year old," replied Johnny.

"Huh, I've got a dog just a year old, and he can walk twice as well as your brother."

"He ought to; he's got twice as many legs."—*Nev. Courier.*

Intellectual Biscuits

(Or extracts from the literature of the "Wise Crackers.")

Mr. Brines of the Community House found the following note in the suggestion box:

"I suggest getting a basketball team after seeing the December 31st game with the Alumni."

At a dance New Year's Eve in Woonsocket, "Bill" Donlon reminded "Pep" O'Brien that 1924 was leap year. "Pep" looked at the crowd of girls with great alarm, and taking out his watch said to the girl they were talking with:

"Hey, Kid, we've still got twenty minutes. How would you like to become an O'Brien?"

Vaughn: "Say, Ben, how do you make that Hungarian goulash?"

Ben Ware: "We don't make it, Moco. It just accumulates."

"That was un-called for," said the Postmaster.

Dearborn: "Henry Ford ought to be a rattling good president."

Independent: "Yes, I think he will make another Lincoln."

Service Pins to be Awarded in the Month of February

25-Year Pins

Elmer H. Hilt Jacob Kooistra

20-Year Pins

Hugh McCracken

15-Year Pins

William Daniels

10-Year Pins

Harry Bailey Malk Moserian

5-Year Pins

Amb. Baker Arthur Brooks

David Brunelle James F. Burke

William Finney Robert Gusney

Iver Johnson Ronald Poulin

J. A. Shippy

"You have heard what the last witness said," persisted counsel, "and yet your evidence is to the contrary. Am I to infer that you wish to throw doubt on her veracity?" The polite young man waved a deprecating hand. "Not at all," he replied. "I merely wish to make it clear what a liar I am if she's speaking the truth."—*Tit-Bits.*

By the shores of Cuticura,
By the shining Sunkist waters,
Lived the Prophylactic Chiclet,
Danderine, old Helmar's daughter.

She was loved by Instant Postum,
Son of Piedmont and Victrola,
Heir apparent to the Mazda,
Of the tribe of Coca Cola.

Through the forests strolled the
lovers,
Woods untrod by Ford or Saxon.
"Oh, my lovely little Beech Nut,"
Were the burning words of Postum.

"No Pyrene can quench the fire,
Though I know you're still a miss,
For my Pepsodent desire
Is to marry Chiclet, Djer Kiss."
—*Mink.*

"Oh, Charles, you dear thing!"
said the enraptured one as she
opened her Xmas present. "A diary
is the very thing I wanted."

"All right," said the hard-boiled
lover, nonchalantly, "see that you
keep it."—*Pelican.*



CLARK GRAMMAR SCHOOL, 1883

Back row, left to right: Unknown, William Ashton, Clifton Babson, Arthur Knight, Ella Young Arnold, Belle Crane, Myra Taft, Mabel Searles, Grace Taft, George Orvis, Miss Ella Aldrich, Teacher, John White, Unknown.
Next row, left to right: John Veau, G. Ellis Blanchard, Henry Searles, Kate Currier Thom, Mary A. Sheehan, Marjorie Rexford, Mary Thurber, William Brown, Ernest Robie, William Heathcote.
Next row, left to right: Unknown, Dora Wade (?), Ethel Bostwick Brown, Julia Harrington, Belle Snow Blanchard, Nellie McGuinness Carroll, Nellie McCann, Laura Burbon Blanchard, Edna Snelling, Lila Swift.
Next row, left to right: George Foster, Albion Searles, William Sproat, John Ward, John Wood, Walter Batcheller, William Anderson, Charles S. Thurston, William L. Carrick, Leon Dixon, Alice Howland, Roxanna Kelley.
Front row, left to right: John Whitelock, Henry Ward, Bernard Houghton, John Dixon, J. W. Dale.

Community Gymnasium Notes

Basketball

Interest in basketball in the new gymnasium has recently developed to the point which the game itself warrants. As a winter game it is one of the most popular in the country. On Saturday, January 5, the Whitin Community Association team played to an audience of 800 people and the following Saturday played to another large crowd.

The caliber of basketball, considering the fact that it is practically a new sport in town, due in the past to our lack of a suitable building in which to play, is certainly of a high standard. The team has already met several fast aggregations, the most outstanding one being the Crompton & Knowles team of Worcester, which team they played on January 5. They surprised the local followers by holding this fast aggregation to the tight score of 24 to 22.

At present it has not been possible to pick any one team of five players which has been outstanding as a combination, and as a result a squad of fourteen players have had an opportunity to show their ability in most of the games played. It is the plan of the coach of the team, Harry MaLette, Physical Director of the gymnasium, to organize two fast teams, making it possible to play two games in an evening. This policy seems to please the followers of the game and gives them a double value for their time and money.

This policy also has another good feature in that it is possible to develop players who have not had the past experience necessary to make the first team, but who with actual participation in competition will soon be contenders for a regular berth.

On December 26 an election for captain took place in which it was necessary to have several ballots. Those nominated for the position were Elmer Leonard, George Hartley and John Bogie. In the final ballot Leonard was selected.

It has been interesting to notice the way in which the defence of the team has been working out in play. The good floor work has been made possible through the coach and through the enthusiasm shown by the players in showing up for practices, anywhere from two to three times a week.

The readers of the SPINDLE who are interested in sports and have not yet had the opportunity to watch a Saturday night game, are denying themselves a real pleasure.

The results of the games played to date are as follows:

W. C. A.	34	Lynn Y. M. C. A. Reserves	27
W. C. A.	31	Rockdale	25
W. C. A.	26	Cambridge Y. M. C. A. R.	19
W. C. A.	24	Worcester Boys' Club	25
W. C. A.	22	Crompton & Knowles	24
W. C. A.	23	Uxbridge Community H.	14
	160		134

Petting Larceny

I stole a kiss the other night,—
My conscience feels so black,
I think I'd better do what's right,
And put the darn thing back!

Boxing

W. H. Walsh, under the direction of Harry L. MaLette, is offering at the Whitin Gymnasium an excellent course in boxing at a very nominal fee. It is planned to stage some amateur bouts in the spring, and Mr. Walsh says there is a splendid opportunity for some of the boys to take part.

Every man in the community should learn at least the fundamentals of the art of self defense. We never know when we may find ourselves in a situation where we will have nothing but our two hands to protect us. If we don't know how to use them, we will sincerely regret the day we let the opportunity to learn go by.

Classes will be held at eight o'clock on Friday nights, until further notice.

Mr. Walsh is an oldtimer at the game, having fought such men as Jack Savage, Belgium Brown, Young Brusso, and having trained Joe Pangraze who won the semi-final to the Latzo-Ward fight. Let's back up Mr. Walsh in this movement, and put boxing on the map in this vicinity.

January Health Jobs

1. Wash before you eat and again before you sleep.
2. Get out the dictionary now and then and find the meaning of the word "soap."
3. Laughing is a much better exercise than kicking.
4. A bathtub is not a finger bowl.
5. Don't sit down in the valley and look up at the hills, run up on the hills and look down in the valley; and while you're up there give your lungs a chance.
6. The thoroughbred horse gets a rub down every day; what sort of a horse are you?
7. Don't be so wealthy you can't open your windows at night.
8. The next time you order a soda try vegetable soup.
9. Wash the neck of your milk bottles—also your own.
10. Just because you take a bath in private don't think the public can't tell whether or not you have had one.



WHITIN COMMUNITY BASKETBALL SQUAD

Seated, left to right: Henry S. Crawford, Manager; Edward Balland, center; Mesrop Saragian, forward; George Hartley, guard; Harry L. MaLette, coach; Elmer C. Leonard, Captain, forward; Harold Vaughn, guard; Michael Jackman, forward; Everett Johnston, Assistant Manager

Standing, left to right: Harold Johnston, forward; Newell Wallace, forward; William Scott, guard; William W. Smith, forward; James Ashworth, guard; John Bogie, guard; James Hayes, guard

Whitinsville Highly Pleased With Swimming Exhibition

The swimming exhibition given at the George Marston Whitin Memorial Gymnasium will long be remembered by those who attended as an unusual event in the history of the town. To witness such a remarkable exhibition of aquatic skill was a rare treat and a privilege for the people of so small a town as Whitinsville. In all probability these swimmers will not appear in New England again until after the Olympic games.

The famous mermaids who performed were brought to Whitinsville through the efforts of Harry L. MaLette, physical instructor of the association, for the purpose of booming swimming in this section. They were accompanied by Miss Charlotte Epstein, manager of the team, and Miss Mary J. Lynch, assistant manager.

All of the visitors from New York liked our pool very much, and Benjamin Levias of Boston, one of the A. A. U. officials, was so pleased with it that he even suggested that he would like to run off his New England championships here.

The afternoon performance was given for the benefit of the school children, about 200 of whom packed the gallery. Of particular interest to them were the feats accomplished by little six-year-old Anne Kinnaly. This dainty little star was secured by Miss Epstein at the last minute, and she swam and dived with all the composure and confidence of her older and more experienced companions.

The evening exhibition was for adults, and there was an attendance which brought into use every availa-



Agnes Geraghty Adelaide Lambert Aileen Riggan Helen Meany Anne Kinnaly

ble foot of space in the gallery above the pool. At this performance two world swimming records were established by Miss Agnes Geraghty, and a third broken by Miss Adelaide Lambert, both of New York.

Agnes Geraghty, Metropolitan District breaststroke champion, and national record holder at 220 yards battered the mark of 5 minutes 8 4/5 seconds, for the 300-yard breaststroke, set by Ruth Thomas, in Atlantic City on December 28 by 13 seconds, swimming the distance in 4 minutes, 55 4/10 seconds.

Adelaide Lambert, national record holder of the 75-yard, 100-yard and 300-meter, swam the 40-yard free-style in 22 2/10 seconds and the 60 yard in 36 4/10 seconds, in neither of

which events was there a previous record. Both Miss Geraghty and Miss Lambert performed in the presence of three official timers of the New England A. A. U.

Aileen Riggan, Olympic and national fancy diving champion, and junior national backstroke champion, brought out round after round of applause for her perfect poise and control in all her dives. Her execution of the front dive with a full twist was remarkable considering the limited space and the turn she had to make before entering the water.

Helen Meany, national high diving champion and a member of the 1920 Olympic team, could not, of course display her specialty in our pool as there is no high diving equipment. She gave a splendid account of herself on the spring board, however, and vied with Miss Riggan for the honors.

Anne Kinnaly, six-year-old junior star of the women's swimming association of New York proved herself "swimmingly" precocious. She was most entertaining, and her part in the program was genuinely appreciated at both performances.

The stunts of Daniel O'Connell of Worcester were an interesting feature of the exhibition. Mr. O'Connell, popularly known as "the human



Daniel O'Connell, the "Human Cork"
Floating on stomach



Floating on back with hands and feet out of the water

cork," was secured through the efforts of Mr. W. L. Carrick and Mr. D. C. Duggan. He dived into the pool wearing a full set of clothes over his bathing suit and floated on his back with his hands and feet out of the water. He then, without swimming a stroke, removed his shoes, coat, shirt, and trousers. His last and most difficult stunt was that of floating on his stomach with his hands and feet out of the water. If you think this is easy, just try it sometime.

PROGRAM

1. Backstroke Exhibition—Aileen Riffin—Helen Meany
2. 40-Yard Free-style Swim—Adelaide Lambert, to establish a record at this distance.
3. Demonstration of crawl stroke:
 - Aileen Riffin using arms
 - Adelaide Lambert using legs
 - Swimming together—Miss Riffin using arms, and Miss Lambert using legs. (Showing comparison of value.)
4. Double and Triple Oar Swimming, Free-style and Backstroke—Aileen Riffin, Adelaide Lambert, and Helen Meany
5. 60-Yard breaststroke—Adelaide Lambert, to establish a record
6. Anne Kinnaly—Exhibition
 - One length—Free-style
 - One length—Backstroke
 - Diving
 - Double oar—Free-style and backstroke with Aileen Riffin
7. Agnes Geraghty—300-yard breaststroke against time to break established record of 5 minutes 8 4/5 seconds.
8. Underwater Swimming—Adelaide Lambert
9. Fancy Diving—Aileen Riffin and Helen Meany

Nut Leagues

The second round of the nut leagues started Friday night, January 11. In the first round of the senior league, the Chestnuts, captained by Bogie, came out on top, winning ten out of eleven games. The other members of Bogie's team were: "Hank" Crawford, "Mizzy" Sarajian, Murphy and Barlow.

The employed boys' league did not turn out well because so many

members dropped out. The second round has just started with but two teams left.

The Walnuts, composed of Carroll, White, Cooney, Jack Ashworth, Babe Deeks, Doc McSheehy, and Francis Blouin, were victorious in the first round of the high school league.

Springfield Gymnasium Team to Come Here

On Saturday, March 1, the Freshman Gymnasium Team of Springfield College, will give an exhibition in the Whitin Memorial Gymnasium. According to Professor Leslie Judd who coaches the gymnasium teams at Springfield, the Freshmen group is almost as good as the Varsity squad. These Springfield teams travel all over the East, and if it were not for the fact that we have a Springfield College alumnus among us in the person of Mr. MaLette, in all probability it would not be possible to get this team to come to Whitinsville.

The exhibition will begin at 7.15 and will last until about 9 o'clock, when a basketball game will be played between the Pawtucket Boys' Club and our local team.



"A Study of Old Auckland"

The Foreman: "Send in young Clancy. I saw him smoking on a load of powder a while ago, and I'm going to fire him." Rafferty: "Here's a part of his hat!"—*American Legion Weekly*.

Shop Echoes

It is whispered in certain circles that Grace McKennedy of the Freight Department received an anonymous telephone call at five o'clock on Wednesday evening, January 2, and spent so much of her time trying to find out who it was that she missed her car. Mr. Wilmot very kindly invited her to ride with him, and they took Blanche Gregory along to complete the party. Down at the Linwood Bridge, it is said, the two girls waited about fifteen minutes and all they got was the air. Grace has provided herself with a tomahawk and a scalping knife and is looking for the owner of the fascinating voice that led her so merry a chase.

On Wednesday morning, January 9, "Bill" McGoey of the Freight Office, came to work with only one rubber on. At noon, he wore the other one to work, and at night wore them both home. He's almost as bad as the young fellow who put his umbrella to bed, and stood up in the corner all night.

One Saturday recently, Robert Deane, of the tool job, started for Uxbridge. He purchased his ticket and entered the train, but when the conductor came by, the ticket was missing, so "Bob" was obliged to pay another fare. We wonder who got the ticket?

William Fullerton of the tool job and Mrs. Fullerton, received a set of etchings from New Zealand where their cousin, Louise Helps, is at present studying art. We are reproducing on this page one of the sketches entitled "A Study of Old Auckland," which will undoubtedly be of interest to many of our readers who are making a hobby of drawing.

Henry Gentis, a member of the roll job, wishes all those who are interested in arranging a bowling match with a first-class team to write him at his address, Linwood, Mass. He is a member of the Linwood A. C. bowling team and sends out this general challenge to all comers.

On Monday, December 24, 1923, Martin Carpenter, "Sally" Jones, "Bob" Ferguson, Harry Drinkwater, Lester Dermody, and John Lasell, went off on a little hunting expedition.

While John Lasell and Lester Dermody were holding a consultation in a swamp, they suddenly heard someone approaching through the thicket. Pretty soon a voice shouted: "Hey! Wotcher doin'? Git out o' thar!"

"Who's that?" asked John, alarmed.

"I dunno," replied Dermody, "sounds like a cop."

Hastily John hid himself behind a tree, for he had neglected to bring along his hunting license.

Then, after a moment of breathless silence, Dermody spoke. "Is that you, Ferguson?" he asked.

"Yes," chuckled "Bob" from the bushes, whereupon John lunged toward him and threatened him with all sorts of horrible deaths for frightening him so. Bob fell into a paroxysm of laughter, and thus the incident ended.

Harry Drinkwater recently got the radio fever, and Peter Hanson caught it from Harry. They read all the "dope" offered in the current newspapers and from it hatched up a combination that in their own minds was a world beater.

Then they went to Worcester and bought their parts with the idea of building their own radios, and putting it over on some of the boys with ready-made sets. Between the hardware stores and Woolworth's, they got most of what they needed, and a good lot they didn't.

Pete began putting his together, and one of his friends has told him it is absolutely N. G., while some of Harry's pals guarantee his to be the best. Pete doesn't know at the present time whether he has a radio or a radiola, and Harry says he'll get Japan before George Tebeau does, anyway.

To be continued next month!

On Sunday, January 6, while walking across the ice on the Mumford River, Edward Baldwin of the loom repair job, broke through the

ice and fell in. Some Dutch fellow whose name we were unable to secure ran and got a rope and after tying a noose at one end, threw it out to Baldwin, who was splashing around in the icy water. As most anyone would be under similar circumstances, Baldwin became somewhat confused and put the noose around his neck. When his rescuer pulled on the rope, of course the noose tightened, and when Baldwin was finally hauled out, he was almost strangled.

This incident reminds the writer of the story of the man who had threatened to commit suicide. A short time after the threat, his wife found him hanging in the attic with a rope around his waist. "What are you trying to do?" she queried. "I am committing suicide," he replied without emotion. "Well," she said, "if you are going to commit suicide, why don't you put the rope around your neck?" "I had it up there," he replied meekly, "but I couldn't breathe!"

On a recent rabbit hunting expedition, M. F. Carpenter of the Employment Department, took only five shots at a rabbit which "Sally" Jones scared out for him. Martin says that he is very fond of the little bunnies, and wouldn't hurt them for the world.



Eleanor H., one-year-old daughter of Mr. and Mrs. Preston Barr, Jr. Mr. Barr works on the spindle job

Freight Office Costume Party

A very unique costume party was held at the home of Miss Grace McKennedy in Linwood, Wednesday evening, January 9. The most unusual feature of the affair was the fact that nobody attended. Blanche Gregory, who won first prize for her Turkish costume, spent the evening at her brother's home; Fred Lesco, the winner of the first prize for men, appeared as Rudolph Valentino, but was unable to recall where he spent the evening; "Pep" O'Brien, who arrayed himself as Little Boy Blue, went to see "The Covered Wagon" in Worcester. (He claims that the driver gave him a complimentary ticket.) "Bill" McGoey got real angry when he was accused of being an Indian at the costume party. Alice Magill employed her diminutive stature to advantage in her role as Little Red Riding Hood. Katherine Kearnan, who most vehemently denied knowing anything about the party, was dressed as a gypsy girl.

A very real, romantic touch was given the gathering by the appearance of "Bill" Donlon as an aviator, and Miss Alice Geer of Uxbridge as a Red Cross Nurse. Miss Grace McKennedy, costumed as an Irish girl, says that there was no such party at her house and that she went to bed early that night. Evidently she retired just before the guests arrived.

The first prize for the best lady's costume was a vanity compact, won by Miss Gregory. Mr. Fred Lesco carried off the honors for the men, winning a beautiful pair of silk socks, and a handsome knitted necktie.

"Monty" received an invitation at the last moment, but declined to attend because he felt that he was imposing unless he had a turkey or something to contribute.

"Benny" Leonard also received an invitation, but he didn't go because he knew right along there wasn't going to be any party.

Foreman: "Yes, I'll give ye a job sweepin' an' keepin' the place clean."

"But I'm a college graduate."

"Well, then, maybe ye better start on somethin' simpler."—*Life*.

Forty-Year Men

Continued from page 5, column 3

J. A. JOHNSTON, of the spindle job, came in June, 1881, when he was only 13 years of age. He worked for Remington on spinning, for Benjamin Graves on pickers, for Robinson on card work, and then went back to Graves on pickers. He next worked for Thomas Lowe on loom parts after which he again returned to Graves, where he built the last two old-fashioned pickers put out by the Shop. From there he went to the tool job, where he served under Whipple and Tibbetts. He then came to the spindle job, where he has served under Woodmancy, Sweet, and Ferguson.

CHARLES H. WOOD, of the Foundry, came to work in July, 1881, when he was only 12 years old, as a helper for his father who was employed in the Foundry. He has been in the Foundry ever since, serving under Gray, Cole, Lincoln and Moffett.

DENNIS DUNN, of the card job, came here in August, 1881, when he was 20 years old. He started on the card job under John Schofield, and except for about a year which he spent on loom work, has been on the same job for practically 40 years.

GEORGE A. RILEY began work in the Shop in June, 1883, when he was only 15 years old. He went to work for Louis Smith on the roll job, and from there moved over to the chuck job, then under Louis Metcalf. He served his time in the Foundry under William Cole, remaining there for about twenty-five years. The different foremen in the Foundry, whom he remembers working for include Mr. Lincoln, Mr. Drohan, and the present foreman, C. T. Moffett. He is now employed in the Packing Department under Mr. Wilmot.

WILLIAM CAHILL, of the Carpenter Shop, entered in October, 1881, when he was 15 years old. He first worked for Louis Smith on rolls, then for Oscar Taft on bolsters, Charles Pollock on spinning, and went to the Foundry in March, 1888, where he served thirty years as a floor moulder. From there he went to the cast-iron room and from there to the Carpenter Shop. He is now working for Charles Snow on trucks.

PERCY HOUGHTON, foreman of the wood pattern job, was 20 years old when he entered the Shop in April, 1882. He went to work on old railway-troughs for J. T. Carter, and has since worked on almost every job in the Carpenter Shop. He helped build the extension on the S. R. Mason house and then returned to the Carpenter Shop. He worked for five years on loom work for Peck and then came to the wood pattern job, where he was appointed foreman in 1910.



ALBERT DUNN, of the cast-iron room, first worked for the Shop in 1877. He holds the unique record of 47 years at the same job, having started in the cast-iron room, where he is still to be found. He was unable, on account of sickness, to be present when the picture was taken.

HUGH FERGUSON, of No. 2 office, started to work in June, 1882, when he was 14 years old. He worked for four years on looms for Malcolm Burbank. He served his apprenticeship on spinning, planers, and in the tool room. He became a tool-maker on the spinning job under Charles Pollock. He was then given charge of the needle job. Next he was sent to Providence Machine Shop when we bought that concern, and after one year he returned to the Shop and was placed in the Superintendent's Department in charge of jigs and fixtures.

PETER SAVAGE, of the core room, came to work August, 1882, when he was about 25 years of age. He began in the Foundry under Grey and re-

mained there until two years ago when he was transferred to the core room.

J. F. CARROLL, of the roll job, came here when he was 13 years old, January 1, 1883; he began work on the roller job for B. L. M. Smith, where he stayed for four years. He then worked for Remington for one year on spinning. He returned to Smith's job where he stayed for 10 years. For six months he worked for Malcolm Burbank on the loom job, after which time he went back to B. L. M. Smith. George L. Gill succeeded Mr. Smith on the roll job, and shortly after, in 1907, Mr. Carroll was appointed assistant foreman.

A. J. BROWN, foreman of the pattern loft, first came to work here in February, 1883. His first experience was trying to mix core sand in the winter time with the water constantly freezing. Mr. Brown started to work in the pattern loft under William H. Cole in the summer of 1896, and was made foreman of that department in October, 1896.

JOHN FEEN, in charge of the tool crib on the bolt job, first came to work in June, 1883, when he was 17 years old. After serving in the cast-iron room for three years, he was transferred to Walter Ellis's job, where he stayed for two years. From there he went to the bolt job, where he has been for 35 years. During this period Foreman John Snelling was succeeded by Elmer Hilt. Mr. Feen worked for 32 years on the presses, and for the past three years has been a tool grinder and has had charge of the tool crib.

OSCAR L. OWEN entered the Shop as a draftsman in January, 1884. In July, 1888, he was put in charge of the drafting room, and in January, 1909, was placed in charge of patents and cataloging.

Whatever convenience may be thought to be in falsehood and dissimulation, it is soon over; but the inconvenience of it is perpetual, because it brings a man under everlasting jealousy and suspicion, so that he is not believed when he speaks the truth, nor trusted when perhaps he means honestly.

—TILLOTSON.

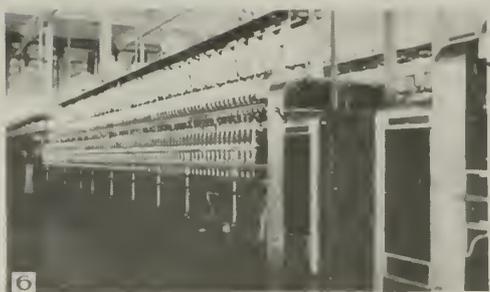


The
WHITIN
Spindle



Office Force of the Freight Department

FEBRUARY
1924
Vol. 5 No. 6



1. Market scene in France. 2. Frank Adams and William Ferguson en route to U. S. A. 3. A village in Northern Italy near the Swiss border. 4. Two of William Ferguson's right hand men at the Fremaux Mill, Lille, France. 5. View of canal transportation near Lille. The woman is actually towing the large barge. 6. A spinning frame in the Fremaux Mill. 7. Women and girls employed in the Fremaux Mill. The oldest one in the group is 76 years old and has been an employee of that mill since she was in her 'teens, which proves that they have long service records in France as well as here. 8 Railroad station at Lodz, Poland. 9. Street scene in France, showing a conveyance typical of that country.

The WHITIN Spindle

VOLUME 5

WHITINSVILLE, MASS., FEBRUARY, 1924

NUMBER 6

Whitin Machine Erectors Home from Europe

Nearly a year ago William Ferguson, a member of the Erecting Department, sailed for the European continent to set up machinery in several mills. He was joined in September by Frank Adams, another member of the same department. Mr. Adams sailed on September 7, 1923, and went directly to Lille, France, to work on six spinning frames which were being erected in the Fremaux Mills. He relieved William Ferguson, who had been at this mill most of the summer, and who went into Spain and Italy to supervise the erection of several other units of machinery.

Mr. Adams and Mr. Ferguson returned to this country in the latter part of December and brought with them some interesting photographs, which we are publishing in this issue of the SPINDLE.

Their account of the trip is one that would hold anyone's attention, especially the stories in regard to the difficulty which they met in handling foreign exchange. Mr. Adams tells us of having to carry his money in a large bundle in order to meet his ordinary expenses.

After leaving the Fremaux Mill, Mr. Adams stopped off in Paris and had the pleasure of observing Armistice Day in that famous city. He then went to Milano, Italy, on business, and from there to Vienna, Austria. He tells us of a very long and tedious trip through Czecho-Slovakia, arriving finally at Warsaw, Poland. This trip from Paris, with a few stop-overs, took him about a week. At Lodz, Poland, he spent considerable time putting up twistlers in the Ludwig-Geyer Mills, and also some spinning in the Steigert Mills.

He showed us a hotel bill for a week at Lodz which amounted to 34,478,000 marks. From this you can get an idea of the difficulty one has in keeping track of his incidental expenses. One of the pieces of paper money which we reproduce here was good for carfare, which on the face of it



Above: Polish Money. Left: German Money. Right: Austrian Money.

calls for 50,000 Polish marks. A Polish mark is of more value than a German mark. Their rate of exchange when he first arrived in Poland amounted to 2,000,000 marks to the dollar, and when he left they were worth 3,500,000 to the dollar. At this rate we wonder, as undoubtedly the readers are wondering, what they would be worth today.

After completing his work in Poland, Mr. Adams was advised to return to Paris en route to America via Venice, because of the difficulties in the Ruhr section. While, perhaps, he would not have been in any personal danger, it was feared that because of the political situation he might have been held up for weeks fussing with technical details in relation to his passports.

In Paris he was joined by William Ferguson, and he tells us that as a visitor in France, although he had not been there as long as Mr. Ferguson, he has at least one advantage over him. This advantage was evident in a restaurant where they were served with an order of snails. Frank admits that he enjoyed the

dish very much, but noticed that Bill's imagination was such that he did no more than try them out. Frank also admits that he is very partial to frog's legs.

Frank tells us that the people of the European continent not only have a different diet than the people of our country, but that their laws and regulations are different. For instance, he states that in Paris if a pedestrian gets hit by an automobile, the victim is at once arrested for obstructing the traffic. In some cases this is not such a bad rule, and we wonder if it would not help to cut down the large number of automobile accidents which we have in this country. At the same time, to our minds, it is a question just wherein lies the justice of the law.

We wish it were possible to publish all the photographs which they brought back with them.

If only a father could instruct his son in how to avoid feminine bait as efficiently as a mother instructs her daughter how to cast that bait what a different world it would be.

The Freight House Office

The first shipping office of the Freight House was in a corner next to the connection on Mr. Fletcher's job. A small but more modern office was later built where Tom Devlin's office is now located. The ever-increasing business of this department soon necessitated the enlarging of this smaller office, and the subsequent establishment of the two present offices.

Prior to the arrival of the present manager, Mr. George Wilmot, in January, 1892, machinery was transported to the station by teams under the direction of Mr. Moses F. Cram and a group of six or seven helpers. These teams brought back on the return trip, coal, pig-iron and other supplies. The packing in those days was done by six men under the supervision of S. H. Brown.

When Mr. Wilmot took charge in 1892, no records whatever had been kept of freight either forwarded or received, except the bills of lading and paid freight bills furnished by the railroads. Mr. Wilmot, who originated and put into effect the present system for handling shipments, had as his only assistant at that time Mr. Peter Regan.

The year before Mr. Wilmot came, railroad tracks were laid between the railroad station and the shop, and freight cars were hauled between these two points by means of eight heavy horses. A picture illustrating this method of transportation appeared on the last page of the December (1923) SPINDLE.

The following spring, however, the first electric locomotive used in this country was built and put into service hauling our freight. The first electric passenger cars were run on the morning of January 1, 1900. On this day approximately 600 passengers were carried, and today there is a daily average of close to 3,000 passengers. Visitors coming into Whitinsville over the Linwood Street Line are agreeably shocked when the conductor returns a nickel for the usual dime.

Not only does Mr. Wilmot have charge of the handling of freight, the Linwood Street Railway, and the large and small packing jobs, but the



MAIN FREIGHT OFFICE

Robert Gibson, Joseph Cahill, Alfred Lesco, Albert Montgomery, Edgar Bazner, William Kearnan, Geo. Wilmot, Arthur Jackman, Frank Fredette, Blanche Gregory, Katherine Kearnan.

cutting-off job under Mr. Aldrich also comes under his supervision. And then, too, for three or four years following the death of Yard Foreman Mr. Cook, the outside yard also was included in Mr. Wilmot's department.

Mr. Wilmot at present has 14 assistants in the freight office. W. J. Kearnan, assistant traffic manager, has been in the employ of the shop for 27 years, and for the past 22 years has assisted Mr. Wilmot in the freight office. Joseph T. Cahill has worked for the shop for 37 years and has been employed in the Freight House office for 22 years, as a receiving clerk. Albert Montgomery, a clerical assistant, came in January, 1905. Robert Gibson, another assistant, started in December, 1906. Arthur Jackman, another receiving clerk, has been in this department since June, 1907. F. H. Fredette, clerical assistant, has worked here for 14 years, having started in August, 1909. Edgar P. Bazner started in May, 1917, and is employed as a clerical assistant, as is also Alfred A. Lesco, who came in December, 1920. In this office, there are also two stenographers, Miss Katherine M. Kearnan who came in June, 1920, and Miss Blanche Gregory, whose service date is June, 1923.

The smaller office, known as the packing office of the Repair Department, is supervised by Thomas F. Devlin, who has worked for Mr. Wilmot for 23 years. Mr. Devlin has three assistants, W. J. McGoey, clerk, who came in June, 1916; Miss Grace McKennedy, whose service date is April, 1920; and Miss Helen L. Carpenter, who started in September, 1923.



First Electric Locomotive used in America

The following records from Mr. Wilmot's books comparing shipments for the year 1894 with the year 1923, illustrate admirably the growth of the whole shop, as well as the development of the Shipping Department. In 1894, the shop employed between six hundred and seven hundred men.



PACKING OFFICE OF THE REPAIR DEPARTMENT

Helen Carpenter, William McGoey, Thomas Devlin, Grace McKennedy (Somewhere behind Mr. Devlin.)

Whitin Home Garden Club to Meet

The Whitin Home Garden Club will have its annual meeting on Wednesday evening, March 5, in the Apprentice Schoolroom of the Employment Department. The Executive Committee of the Club announces that the annual election of officers will be held that evening, together with the annual reports and the new business for the coming season. It is hoped by the present officers of the club that this will be the largest and best season.

The Farm Bureau of Worcester will extend its usual policy of coöperation to every gardener connected with the club in order to make each garden produce the best possible.

We know of no better investment from a standpoint of financial return than that offered by the Home Garden Club. It is possible to make through these facilities, more than 100% profit on the cost of seeds and time. Coupled with the financial gain there is the benefit from the physical side which every man gets by spending an hour or two several nights a week in this healthy outdoor work.

For the benefit of those who have not had a garden before, or to those who have recently come to Whitinsville, it might be well to explain the aid which the Whitin Machine Works gives toward making this club a success. The Whitin Machine Works gives, free of charge, a plot of ground to every man who joins the club, ploughs it for them and furnishes the material for spraying.

All membership in the club expires March 1, 1924, and for the small fee of \$1, membership may be obtained or renewed. The Executive Committee hopes that every man will give this proposition, which is all to his advantage, serious thought, and hopes that they will make the most of this excellent offer made through the club by the Whitin Machine Works. Please be present at the meeting, if possible, to show your interest in the success of the season.

Today there is a total of almost 2,800 employees in the shop alone.

514 Twisters
1824 Spinning Frames
703,348 Spindles

We were very sorry to hear of the death of Peter Savage, one of the members of the forty-year group of service men. Mr. Savage died on Wednesday, February 13, from a short but severe attack of pneumonia. His photograph was in last month's Spindle of the forty-year group, and a short account of his service record appeared therein.

Mr. Savage was a member of the core room and until recent years, a moulder in the foundry. He started to work in the Whitin Machine Works in 1882.

The funeral was held on Saturday morning, February 16. We extend our sympathy to his family.

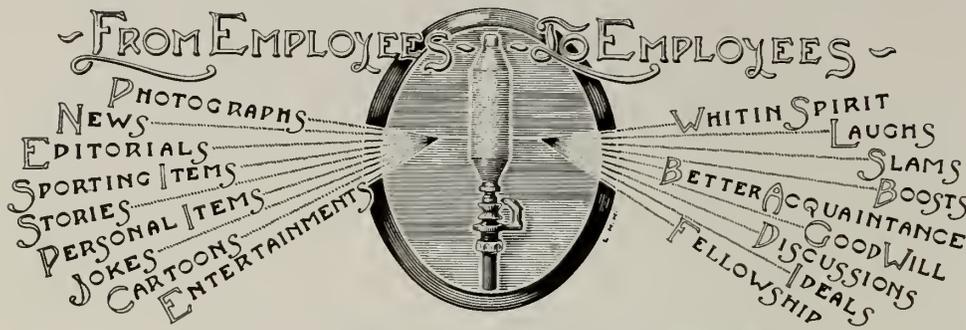
Another old employee of the Whitin Machine Works, George Ferguson, died on Friday, February 15, at the home of his son, Robert Ferguson, on Overlook Street. Mr. Ferguson had not been actively engaged in the shop for more than five years, and was in the past a member of the Spinning job. The sympathy of the many friends of his family employed in the Whitin Machine Works is extended through the SPINDLE at this time.

1894

95 36-Inch Cards
107 40-Inch Cards
89 Heads of Drawing
34 Railroad Heads
2884 Looms
18 Quillers
4 Reels
21 Spoolers
6 Twisters
444 Frames

1923

1084 40-Inch Cards
69 45-Inch Cards
6 48-Inch Cards
41 51-Inch Cards
213 Heads of Drawing
185 6 Delivery Combers
34 8 Delivery Combers
36 Ribbon Machines
33 Sliver Machines
9 Pickers
10 Openers
1 Willow
4 Feeds
5 Condensers
3 Card Feeds
54 Quillers
98 Reels
154 Spoolers
723 Roving Frames



EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford
C. T. Burlin

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Tax Reduction Versus Adjusted Compensation

Because of the great public interest which has been taken in the Congressional dispute between Mr. Mellon's tax reduction plan and the bill for adjusted compensation for our veterans of the World War, and because it is a question of vital concern to every American citizen, we have undertaken in the following paragraphs to lay before the readers of the SPINDLE what we believe to be a fair discussion of the main arguments on both sides of this interesting controversy.

Too often we are inclined to read in the current newspapers and magazines only those discussions and articles with which we heartily agree. The result is that we are blissfully ignorant of the contentions of those who oppose our views, and hence it is impossible for most of us to fully comprehend and take a rational stand on any particular public question of the day. Read the following discussions, and then form your own opinion.

The American Legion's Attitude

President Coolidge in his December message to Congress, said in substance that while he believed that everything possible should be done to properly care for our disabled ex-

service men, he did not favor a soldiers' bonus. The American Legion seems to understand his position fully, and says that no president under similar circumstances would ratify a bonus bill based on the figures that Mr. Mellon has presented to Congress.

President Harding had said that the ex-service men's account would be settled when the country could afford it, and when the bill for adjusted compensation was presented to him, he vetoed it because Secretary Mellon had predicted a deficit of \$650,000,000 for the current year. According to the Legion's figures, there was an actual surplus of \$313,000,000 for the year 1923, and it is charged by the Legion that this discrepancy of almost one billion dollars was knowingly made by Mr. Mellon with the malicious intent of defeating the adjusted compensation bill by lying about the condition of the country's finances.

Having won his point for the time being, he now seeks to take another wallop at the bonus bill by presenting a plan for the general reduction of taxes. To the popular mind, of course, it does not seem possible to reduce taxes, and at the same time to pay the soldiers a bonus. The Legion maintains, however, that taxes can be decreased to an even greater extent than Mr. Mellon plans, and still pay the bonus, and they have brought forth figures to prove their contention.

While it is still generally believed that America went into the war with everything to lose and nothing to gain, foreign critics have sneeringly pointed out again and again that America has cornered and controls at present most of the world's gold. Veterans have returned from overseas

and have noted with amazement the hundreds and hundreds of the *nouveaux riches*, comprised entirely of men who stayed at home and engineered the throbbing industries of the war period. And now, when the veterans ask for just a wee slice of the pie, Congress tells them that they have promised the people to reduce taxes, and that payment of a bonus at this time would completely annihilate any kind of a plan for tax reduction. Furthermore, they poke fun at the veterans' demands, and ask them "how they can eat their cake, and still have it."

With the millions that were wasted by the government during the war through incompetent officials and inefficient methods, and with the numerous government funds that were diverted into private hands by unscrupulous individuals and corporations, it does not seem right, in spite of the popular demand for tax reduction, to deny to our veterans this time-honored reward for the hardships and gruesome experiences that they underwent for the sake of the land they love.

The Other Side

Mr. Mellon, Secretary of the Treasury, is hailed by many prominent economists as a man of unusual ability and common sense, and a Godsend to America in the present economic battle between tax reduction and adjusted compensation for the veterans of the World War. In the last analysis, it is the people who pay government expenditures, and if the bonus bill is passed, it will be paid out of funds collected from the people or else from the interest on foreign debts due the people.

Regardless of all other arguments, the first point to be made is the fact that a general plan for tax reduction will benefit the whole country at large, while the bonus bill will benefit only a portion of the entire population at the expense of everybody. There is a distinct minority among the veterans themselves who hold the view that while they could very nicely use the four hundred or five hundred dollars that would be coming to them, they are not in favor of the bonus because the veterans, themselves, who are taxpayers, would be

contributing toward the general fund from which the bonus would be paid, and they would thus be simply taking money from one pocket to put into another. They say it is like taking a bucket of water from a lake, carrying it along the shore for two or three miles, and then dumping it back in.

Congress has appropriated generous sums of money to aid our disabled soldiers, and President Coolidge said in his December message that the government is more than anxious to do everything possible for them. The abuse of these funds, as revealed by the exposure of the veteran scandal should not in any way cast discredit upon the good intentions and generosity of our Congress. It reveals only a characteristic weakness in our system of government expenditures and one which should be remedied as soon as possible.

According to the *World's Almanac* for 1924, the net public debt of the United States Government for the year 1923 was \$22,155,886,403. This sum includes, of course, over 10½ billion dollars borrowed from the American people and loaned to foreign countries. The interest alone on our national debt totals almost 900 million dollars. The interest due us on our foreign debt is approximately 500 million dollars. The latter subtracted from the former leaves 400 million dollars interest still to be paid on our public debt. The surplus of ordinary receipts over ordinary disbursements for the year totaled around 700 million dollars. If the balance of the interest due on the public debt is paid out of this surplus, we have a balance surplus of 300 million dollars for the current year, which is approximately just what the Legion estimated. If, however, the national budget included plans for a stipulated reduction on the principal of our public debt of even one billion dollars, there is a total deficit of 700 million dollars for the present year, which is only 50 million dollars above Mr. Mellon's predicted deficit of \$650,000,000. The Legion insists that it is still possible to reduce taxes, decrease the public debt, and pay a bonus all at the same time, but no one of them has yet demonstrated how it can be done.

Interesting Facts About Cotton

The depredations of the boll weevil in the cotton belt of the United States has raised a general alarm throughout the textile world. The unfortunate part of the whole matter seems to be the apparent present inability of the rest of the world to make up for this American loss in production.

As one solution of our domestic problem, it has been suggested that the cotton belt be extended. Virginia on the north of the present cotton belt line claims to be beyond the boll weevil habitation, and is turning to cotton production rather rapidly. While this state up to the present time has been growing a little fringe of cotton along its southern border, George W. Keiner, State Commissioner of Agriculture, predicts that next year the fields of Virginia will be white with cotton. The staple has been grown successfully as far north as Richmond, one farmer in that section producing fifty bales on fifty acres last year.

The cost of cotton production in the United States today, however, is so prohibitive that the rest of the world cannot afford to pay for it. There are hundreds of places in India and in Brazil where the cost of the whole process of cotton production does not begin to approach the expense for fertilizer and calcium alone which has to be allowed annually in the United States. On a recent tour through the United States which Arno S. Pearse recently undertook, he says he heard many a cotton farmer, merchant and manufacturer acknowledge that America as "an economic cotton producer" is played out, and the sooner this fact is realized, the better it will be.

Because of this feeling, which seems to be prevalent throughout the textile world, cotton users are beginning to turn their attention to the development of cotton fields in new lands. European nations are looking to their colonies and dependencies to fill the wants created by America's failure to "produce the goods."

England's attempts to develop the cotton growing industry in Egypt

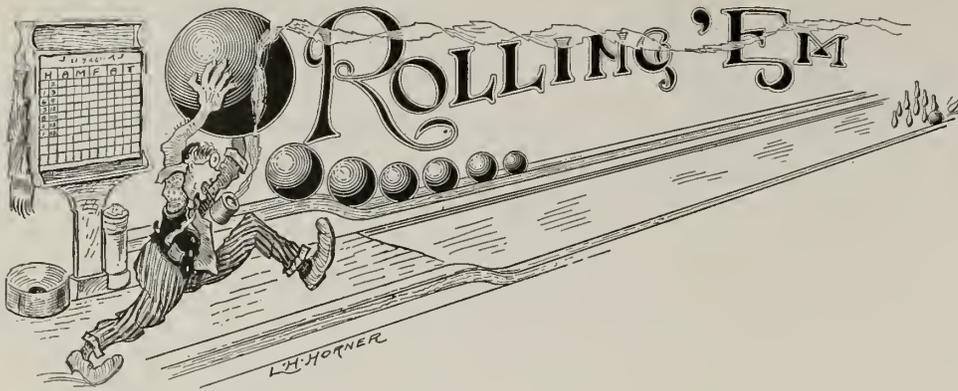
have, for the most part, been rather unsuccessful. In the Sudan, however, the prospects are much brighter. It is maintained that if some arrangement could be made with Abyssinia to exploit fully the irrigation of the Blue Nile, some five million acres of the finest cotton growing land in the world would be capable of immediate development. Uganda is making notable progress in this industry, and the possibilities in Nigeria also appear great. Nyasaland, another small country under British dominion is beginning to present very promising prospects. The development of cotton raising in South Africa presents difficulties too numerous to warrant definite action at the present time. In India, cotton production is increasing steadily each year, but progress is very slow and not much help is looked for in this region for the immediate crisis. The British West Indies is now producing annually about 4,500 bales of the famous Sea Island cotton, but this staple can be used only for a luxury trade in the finest variety of cotton goods.

In the Belgian Congo the annual output has increased from 6 bales in 1916, to 4,000 bales in 1922. Because of the peculiar climatic condition in this region, it is possible to grow cotton here throughout the year. In the north, efforts are being made to increase the annual output of raw cotton.

In the Dutch East Indies, Sea Island strains of cotton flourished for a year or two, but no permanent results followed, although the Dutch have been experimenting in this region for almost a century. They are now devoting their attention for the most part to the growing of cotton seed, and produce annually at Palembang in Sumatra from 4,000 to 6,000 tons of seed.

The principal colonies which supply France's raw cotton are: Algeria, Madagascar, French West Africa, New Hebrides, New Caledonia, and Tahiti. The Association Cotonniere Coloniale, a French Colonial cotton organization, has been at work since 1904, and it is claimed that 20,000 bales are annually grown under its auspices.

In regard to Italy's efforts along



Foley's Team Leads Office League by One Point

Since the last SPINDLE there have been fifteen matches rolled in the Office League, and as a result team No. 3 under Captain Foley is only one point ahead of team No. 4 under Captain Noble. The interesting part of the position of these two teams is the fact that on Tuesday night, February 12, No. 4 team met No. 3 team and defeated them 6 points to 1, beating them 102 pins on the total. Team No. 4 rolled an average of 92.4. Alden, who usually rolls in fourth place for the team, was high man for the evening with a total of 479 pins for the five strings. Starting with an 84 string, he rolled 95, 109, 92 and 99. Noyes rolled 110 in his last string.

With only four more matches to go for each team it is almost impossible for any other team to lead the League outside of these two teams, and it will be interesting to watch the coming results. Team No. 6 under Captain Lincoln and team No. 1 under Captain Johnston have been fighting it out for the cellar championship for several weeks, and on Tuesday, February 12, team No. 6 defeated team No. 1 by 6 to 1, giving them a three point lead.

Captain Johnston of team No. 1 continues his consistent rolling and on Tuesday, February 12, hit an even total of 500.

The high five strings or high individual strings have not been changed during the last month. Those who have rolled 110 or better during the past five weeks are: Adams on January 15 with 116, Cain on the same evening with 116 and 113, Noble on January 22 with 112, Lamb

on January 29 with 113, Brennan on the same evening with 112, Johnston on January 29 with 111, Park on February 5 with 110, Hamilton on February 5 with 110, and Noyes on February 12 with 110.

OFFICE LEAGUE STANDING

	W	L	%	Pinfall
Team No. 3	71	41	.634	28,302
Team No. 4	70	42	.625	28,250
Team No. 2	57	55	.509	28,122
Team No. 5	49	63	.437	28,118
Team No. 6	46	66	.411	27,923
Team No. 1	43	69	.384	27,462

Individual Averages

Johnston, H.	96.3	Lamb	87.8
Cain	93.2	Ferry	87.7
McGoey	91.4	Wild	86.9
Foley	91.3	Park	86.6
Connors	90.1	Carpenter	86.0
Lincoln	89.5	Dalton	85.3
Adams	88.9	Duggan	85.1
Driscoll	88.9	Parcher	85.1
Noyes	88.8	Crawford, W.	85.0
Noble	88.5	Alden	84.0
Crawford, H.	88.0	Brennan	82.7
Hamilton	88.0	Leonard	81.9
Scott	87.9	Whipple	79.5

High Individual Strings

Foley	129	Ferry	116
Johnston, H.	127	Crawford, H.	114
McGoey	126	Lamb	113
Connors	120	Brennan	112
Driscoll	120	Scott	112
Noyes	119	Noble	111
Adams	116	Hamilton	110
Cain	116	Park	110

High Five Strings

McGoey	517	Cain	491
Johnston, H.	509	Connors	490
Foley	505	Ferry	488
Crawford, H.	503	Dalton	486
Driscoll	493	Adams	484

Shop League Outcome Doubtful

In the Shop League it looks as though we were going to have another close finish. The first four teams are in position to win the League leadership, the Spinning and Spindles being six and five points, respectively, ahead of the Cards and Bolsters. Keen rivalry exists between all four of these teams, but the Spinning and Spindles are planning to start the next four weeks with

every effort to win out. The Card job, when we went to press last month, were three points ahead of the Spinning, but since that time have lost four out of five matches. On January 16 they lost three points to the Pickers. On the twenty-third they lost four to the Spinning, but won three from the Foundry on the twenty-eighth and then lost three to the Spindles on February 4 and three to the Bolsters on February 13.

The Spinning job, on the other hand, has won every game and tied one, winning three from the Patterns, four from the Cards, three from the Spindles, three from the Foundry, and breaking even with the Pickers.

The Spindle job has won four out of its last five matches, taking four points from the Down Homers, four from the Foundry, losing three to the Spinning, and taking three from the Cards and Patterns.

In the individual averages, eighteen men have an average of 90 or better, which gives one an idea of the exceptionally good class of bowling the Shop League is putting on this season. Willard continues to lead the League with 96.7 for an average, but Montgomery of the Pattern team has been coming up rapidly and is now in a tie for second place with Marien, with an average of 96.2. Marien, on the other hand, held his average.

In glancing through the score sheets for the past month we find that several bowlers have rolled 300 or better. Davidson of the Spindles rolled 309 on January 14, rolling strings of 109, 108 and 92; McGowan of the Picker job on January 16 had strings 87, 106 and 113, for a total of 306; and Malgren of the same team on the same evening rolled 105, 226 and 95, for a total of 326. On the twenty-eighth Willard of the Spinning hit 305, with strings of 86, 99 and 120; Montgomery of the Patterns on January 30 had a total of 302, with individual strings of 109, 99 and 94; and Gentis on February 4 with strings of 118, 100 and 101, had a total of 319. Montgomery hit 317 on February 13, with strings of 92, 110 and 115; Donovan of the Spindles rolled 307 on the same evening, with strings of 91, 119 and 97; and McGuinness of the Bolsters rolled 308, with strings of 97, 102 and 109.

SHOP LEAGUE STANDING

	W	L	%	Pinfall
Spinning	44	20	.687	21,809
Spindles	43	21	.656	21,817
Cards	38	26	.593	21,869
Bolsters	38	26	.593	21,363
Patterns	27	33	.450	20,209
Foundry	26	34	.433	19,960
Pickers	25	39	.406	21,310
Down Homers	11	53	.172	20,765

Individual Averages

Willard	96.7	Melia	89.8
Marien	96.2	Paquette	89.7
Montgomery	96.2	Hutt	89.3
Gentis	95.4	O'Brien	89.3
Davidson	95.2	Donovan, L.	89.0
Hanna	94.2	Dorsey	88.9
Broadhurst	93.9	McGuinness	88.9
Malgren	93.2	Hall, J.	88.9
Nash	92.9	Peltier	88.8
Roche	92.5	Saragian	88.7
Minshull	92.4	Ballard	88.4
Bisson	92.1	McQuilken	88.3
Connors	92.1	Brown	88.0
Champagne	92.0	Crompton	87.6
Hall, W.	91.0	Donovan, F.	87.4
Wood	90.7	Shugrue	86.5
Veau	90.2	Hasson	86.1
Ballard, P.	90.1	Finney	86.0
Boyd	89.9	McGowan	85.2
Campo	89.9	Clark	82.4

High Single Strings

Champagne	130	Montgomery	115
Nash	125	Connors	114
Malgren	126	O'Brien	114
Marien	125	Paquette	113
Roche	124	Campo	112
Gentis	122	Donovan, F.	112
Willard	122	Melia	112
Davidson	122	McGowan	112
Donovan, L.	119	McGuinness	112
Hutt	117	Broadhurst	113
Saragian	116	Hall, J.	111

High Three Strings

Willard	331	Davidson	308
Malgren	326	McGuinness	308
Gentis	319	Donovan, L.	307
Broadhurst	317	Nash	306
Montgomery	317	Roche	306
Champagne	311	Connors	304
Marien	308	Hanna	300

A Calendar Romance

Our hero was the common sort, when all is said and done;
 He worked his head off daily and was out to get the MON.
 The reason for his diligence was commonplace, 'tis true—
 He tried to swell his salary so it would suffice for TUE.
 And maybe that's the reason why one day he lost his head,
 And falling on his knees, he cried, "Oh, maiden, wilt thou WED?"
 He may have thought this sudden, but it seemed not so to her;
 She lisped a quick acceptance and said forcibly, "Yeth, THUR."
 But when they went to keeping house he feared that he would die;
 For, oh, that modern maiden could neither bake nor FRI.
 She could not run a bungalow, or even run a flat,
 So on many sad occasions in a restaurant they SAT.
 But he forgave her everything—as man has always done,
 When she presented him one day a bouncing baby SUN.
 —JACK CANUCK.



SAFETY LESSONS FROM HISTORY THE IDES OF MARCH.

Safety Hints from History

(The Ides of March)

History tells us that the Ides of March—the fifteenth, according to our calendar—was an unlucky day for Julius Caesar. Disregarding all warnings to make himself scarce or employ the necessary safeguards, he appeared in public and was struck down.

The soothsayers warned him of what was coming. They were supposed to have supernatural powers, but it is more likely that they had the "low down" on the plot that was being hatched against him.

Mrs. Caesar, otherwise known as Calpurnia, begged her husband to play safe. He was almost persuaded, but when Brutus and Cassius came along and told him that the warnings of Calpurnia and the soothsayers were a lot of "safety first" bunk, Julius decided to take a chance and go along. He may have had his suspicions, but he felt that being cautious was unbecoming to the first citizen of Rome. He had plenty of courage, but there was one thing he was afraid of—that other people would think he was afraid. As a result, he fell with fifty-seven dagger wounds showing plainly.

The Ides of March is still a dangerous day for the fellow who thinks that an accident is something that happens to someone else. It is full of traps for the jay worker, jay walker or jay driver, and there are thirty more days in March which are just as dangerous. *But to the man who uses his head and watches his step, all days are safe.*

The Safety Valve

A fool there was;
 He took a chance;
 They carried him off
 In an ambulance.

An uncured cough may end in a coffin. See the doctor first.

Look before you leap and you won't limp.

Safety is first aid to the uninjured.

Are you insured in the Safety Mutual? The premiums are only a little thought and carefulness every day and you and your family reap the benefits while you live.

Listen to the Safety rules or you may listen to the ambulance gong.

Don't hang Carefulness in the locker with your overalls. You need it on the street and at home.

"Hands off" sometimes means "fingers on."

Stop and think, but don't stop thinking.

Think before you take a chance, someone else may have to take the consequences.

—National Safety News.



Cornelius Van Brug received a letter from Germany last month with thirteen stamps on the back and two on the face, each valued at 5,000,000,000 marks, making a total of 75,000,000,000 for ordinary postage to America. This ought to give some idea of the financial standing of the German mark even in its own country. Who wants to buy any? We expect you could buy all there are in Whitinsville for five cents and lose 500% on your investment. There are a few billion here, at that.

Fishing Through the Ice

After many disappointing Saturdays from the standpoint of cold weather, and after much dispute over the safety of the ice, the local fishermen finally succeeded in getting their tilts into action. On two Saturdays, February 9 and 16, the Northbridge ponds were opened to residents of the town for ice fishing. On the first Saturday ninety-nine permits were given out. This Saturday proved to be ideal fishing weather and without doubt every man made the best of his permit. It is estimated that over 250 people were on the pond during the day, as there seemed to be a great deal of interest in the sport, and tales of each group's catch were carried from place to place and results compared frequently.

Sixty-seven fish was the largest number caught by any particular group. This record fell to the same fishermen who caught the largest number last year, which also was 67. Winford Jones of the Pattern job, who was the organizer of this fishing party, gets the credit for finding one of the best locations. The best



location undoubtedly was that space utilized by Homer Flinton and Joseph Reneau, who had a total of forty fish by ten o'clock, and were forced to quit on account of the weight limitation.

On February 16, the last ice-fishing day of the year, the results were not as good as on the first Saturday, and the fishermen had to withstand a brisk northwest wind which made it uncomfortable on the ice. And there was a great deal more work in getting started, as they had eighteen or twenty inches of ice to cut through for each hole. If one has never been up early enough in the morning to set up his quota of tilts, he has a surprise coming to him when he finds out how tired he can be after the day's sport. Almost all of the fishermen were complaining of sore muscles the following day.



Top Row—Robert Marshall, Jr., Martin Carpenter, Winifred Jones, Robert Ferguson, James Marshall, Robert Marshall, Charles Riley, James Scott, Leon Barnes. Frank L. Curtiss Carr. (Pickerel held by Dalton weighed 3 1/4 pounds.) Homer Flinton. Glenwood Creamer, Sam Brown. Bottom Row—Bert Hill (just the



Mrs. Edward Nuttall and daughter, Edward Nuttall. Ralph Orff, Peter Frieswyck. Center Row—Richard Marshall, Irving Dalton, Winifred Jones, Leon Barnes, (sitting up). The record catch of 38 pickerel and 29 perch. Forest Peck, Edmund Peck. George Wood, Joseph Cheechi, Charles Wood.

Community Gymnasium Notes

Rifle Club

The annual meeting of the Whitinsville Rifle Club was held on Monday evening, February 18. The following officers were elected for the coming year: Albert Hasson, President, Joseph Morrell, Vice-President, M. F. Carpenter, Secretary, Harry E. Lees, Treasurer, and B. R. Sweet, Frank W. Willis, L. H. Horner, Robert Hussey and Joseph Damour, Executive Committee.

The dues for the coming year will be \$2 for members of 1923, \$3 for those joining this year who have belonged to the club before, and \$4 for new members. The addition of \$1 and \$2 was thought advisable to be charged, due to the many additions to the Rifle Club's equipment during the past season.

At the present time the Rifle Club enjoys the privilege of the indoor range at the Whitin Community Association, and the members are in turn supervising the range each evening during the week. The outdoor facilities have been greatly improved recently, as the club building has been moved to the new firing point at 300 meters from the rifle pit. An additional building has been joined to it which is going to be rebuilt into a long firing shed. The club looks forward to a prosperous year.

The Whitin Community Association rifle range has been completed and is now ready for use. The operation of the range will be under the supervision of the Whitinsville Rifle Club. This Club has two evenings set aside for their practice. Anyone wishing to join the Whitinsville Rifle Club may secure information from M. F. Carpenter or any of its members.

The use of the range is permitted to seniors and intermediates, and to those juniors who may be enrolled with the Winchester Junior Rifle Corps or the Boy Scouts. No one will be permitted to use the range unless qualified to do so. The range will not be open for use except when in charge of a capable range officer.

The range is 75 feet long and a fifty



W. C. A. GIRLS' BASKETBALL TEAM

Seated, Left to right: Margaret McKaig, Catherine Munt, Capt. Marion Wood, Lucia Bates, Evelyn Flinton. Standing Left to right: Helen Cotter, Alice Currie, (Mrs.) Harriet Wood, Coach Miss Ruth Calhoun, Margaret Marshall, Mary Britton, Doris Aldrich.

foot target is to be erected for juniors. It is hoped that a junior rifle team may be developed that will compete with similar teams throughout New England.

The rifles to be used for the juniors will be Winchester, model 04, single shot, 22 caliber; and for seniors, regulation United States Army Winchester muskets, 22 caliber, will be in use. A small charge will be made for all those outside the club using the rifle range, which will cover the cost of cartridges and targets.

Girls' Basketball Team Wins in Worcester, 42-3

On Wednesday night, February 13, the women's basketball team of the Whitinsville Community Association played its first game at the Y. W. C. A., Worcester. Their opponents were a sextette from the Worcester Bank and Trust Company, and the score was surprisingly in favor of the young ladies from Whitinsville, the official score being 42 to 3. It is with no little amusement that the girls recalled the invitation of the Worcester people to come up a little early in order that they might have time to be shown some of the finer points of the game.

This game was shrouded with a great deal of mystery—in fact, nobody outside of the team and management knew just when the game was to be played, or with whom it was to be played. Evidently the team was not sure of its ability, and rather than disappoint a large following which was very anxious to witness the game, chose to keep its movements secret and succeeded very well. Only two or three of their loyal rooters who happened to be in Worcester on the evening of the game attended the contest. As a result of this victory the team are playing a regular schedule, and will have made their first appearance on the home floor by the time this SPINDLE comes off the press. We extend our congratulations to the success of the team.

This is the first time that most of the young ladies have played basketball, and the success of the team is no doubt due to the good coaching of their Physical Director, Miss Ruth Calhoun.

Swimming

Jack Barnicle of Worcester has been engaged to coach the boys' and girls' swimming teams of the

Association. He also will give private instruction in swimming to those of the members who wish to take advantage of his offer. The price is 75 cents for a one-hour lesson.

His Nose Knows

Those who enjoy stunts with billiard balls were given a treat on Tuesday evening, February 12, when Professor Lewis, of everywhere and nowhere in particular, gave an able demonstration of how to run a hundred points so fast that the scorer couldn't mark them off fast enough. But—he didn't do it with a cue. The Professor is an expert at hand billiards, and equally expert when it comes to shooting 'em with his nose as a cue. But most remarkable of all was the fact that he is 80 years old and a veteran of the Civil War. If playing billiards is the secret of youth, the Professor has it.

Results of Pool Contest, Thursday, January 31, 1924

SENIORS		INTERMEDIATES	
J. McQuilken	45	T. Horan	50
H. Johnston	50	B. McSheehy	29
J. Magill	50	R. Frost	28
M. Sarajian	37	J. Trinnier	50
H. Bullock	46	Donahue	50
A. Marien	47	F. Gow	50
	275		257

Results of Pool Contest, Tuesday, February 12, 1924

MANCHAUG		WHITIN	
Poirer	100	McQuilken	95
Baker	80	Donahue	100
Brisson	100	Magill	94
Routani	100	Broadhurst	43
McFarlen	100	Marien	91
	480		423

Volley Ball

The interest in volley ball in the men's class is still running high. Team B won the first round of the tournament by winning 7 and losing 2. Team C was a very close rival, winning 6 and losing 3. Team D is composed of the following men: Phil Walker, Captain, Mr. Phipps, Mr. Donlon, Mr. Bullock, Mr. Carpenter, Mr. Clarke, Mr. Courtney, and Mr. Liberty.

The second round got under way on January 3, and the standing to date is as follows:

	Won	Lost
B	11	2
C	7	5
D	5	8
A	2	10

Teams C and A have a game to play off which is responsible for the above standing of these two teams, with only 12 games played instead of 13.

Men's Basketball

The Whitinsville Community Association basketball team in the last four weeks has met some fast outside teams, which included the Worcester Y. M. C. A., Osgood-Bradley Company, Springfield College Seconds, Worcester Boys' Club and Whittalls. Of those mentioned we were only victorious in one game, and that was against the Osgood-Bradley team, which we won after a spirited contest, 25 to 23.

It seems to have been the general tendency of the team during the past month to be slow in getting under way, and to hold their opponents fairly even in the second half. Just how we are going to keep getting points against the best teams during both periods of play is still a problem for the coach and team to work out between themselves.

Perhaps the one game that we wanted more to win than any other was the one with the Worcester Boys' Club at Worcester, after being defeated by one point here in Whitinsville. The taking of the strongest team to Worcester on Saturday, February 16, which incidentally was unable to stop the brilliant attack staged by the Worcester quintet, weakened the home team to such an extent that the play was much inferior to what the fans were in the habit of witnessing. As a result there was a good deal of discontent over the arrangement, but the team has not lost any of its fighting spirit and we can assure the fans that they will more than get their time and money's worth for the remainder of the season, as there are no more out-of-town games to be played.

The team has developed remarkably since the first of the season considering the fact that many of the boys never played basketball before

this year, and deserve a great deal of credit for the fine showing they have made. Everything is to their credit for making such a fine showing against the Worcester Boys' Club as they did in their two games with them, a team which has been defeated only once to our knowledge this season. The games played since the January SPINDLE are as follows:

W. C. A.	17	Worcester Y. M. C. A.	29
W. C. A.	43	Millville	19
W. C. A.	25	Osgood-Bradley	23
W. C. A.	36	Springfield College 2nds	50
W. C. A.	20	Cambridge Reserves	33
W. C. A.	26	Worcester Boys' Club	59
W. C. A.	12	Whittalls	24
	179		237

Boxing

Only a few men have reported to take advantage of Billy Walsh's offer to give expert instruction in boxing. It is reported that those who are giving attention to this manly sport are already showing remarkable improvement. No other sport develops cool-headedness and control of one's temper as does boxing. Get into it!

Coming Wednesday Evening Events at the Whitin Gym

MARCH 5

Illustrated Lecture—Travel Talk, by Mr. L. O. Armstrong of the Bureau of Commercial Economics. Subject: Trails Under the Northern Suns, "Labrador to Alaska." Don't miss this!

MARCH 12

Senior Women's Night. Program under direction of Miss Calhoun.

MARCH 19

Lecture—A Poet's Gospel of Good Will, by Dr. Dennis A. McCarthy. The following is one of the lecturer's poems:

THIS IS THE LAND WHERE HATE SHOULD DIE

By Dennis A. McCarthy, LL. D., in "Heart Songs and Home Songs"

This is the land where hate should die,
 No feuds of faith, no spleen of race,
 No darkly-brooding fear should try
 Beneath our flag to find a place.
 Lo, every people here has sent
 Its sons to answer Freedom's call,
 Their life-blood is the strong cement
 That builds and binds the nation's wall.

This is the land where hate should die—
 Though dear to me my faith and shrine,
 I serve my country well when I
 Respect beliefs that are not mine.
 He little loves his land who'd cast
 Upon his neighbor's word a doubt,
 Or cite the wrongs of ages past
 From present rights to bar him out!

This is the land where hate should die!
 This is the land where strife should cease!
 Where dark, suspicious fear should fly
 Before our flag of light and peace.
 Then let us purge of poisoned thought
 That service to the state we give,
 And so be worthy, as we ought,
 Of the great land in which we live!

MARCH 26

A musical program with a movie feature—to be announced.

Men's Night at the Whitin Gymnasium

It was a happy, jolly bunch of over 800 men that gathered for the first Get-Together of the senior men members, January 30. The way they sang and laughed and shouted ought to mean that they added a few months to their lives, if what the doctors tell us is true. The program, which was a "corker," consisted of some splendid singing by an impromptu glee club that ought to become a regular organization; community singing that was great to listen to—so those who listened in on the outside tell us; boxing under Billy Walsh's guidance; a volley ball game between the firemen and the men's class of the gym, won by the firemen; and, as a big feature, a basketball game between the Old Timers and the Whitin team, won by the latter.

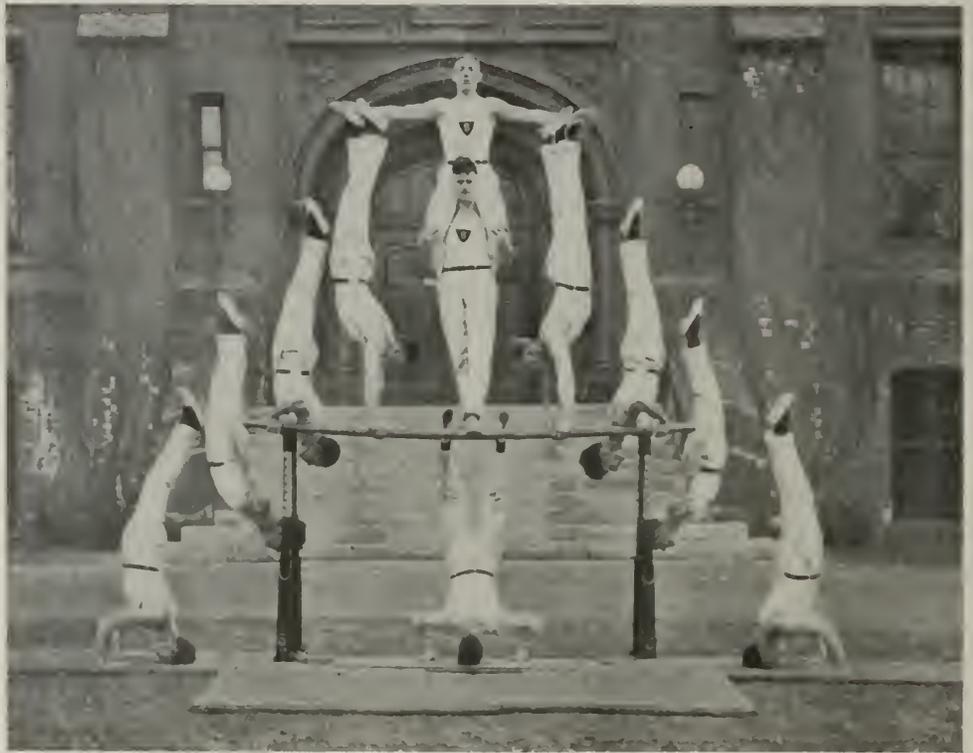
Judging from the expressions of appreciation, the whole affair was a decided success.

Nut Leagues

The High School Nut League, as well as the Senior Men's Nut League, is going along very nicely.

In the High School Nut League indications point toward another win by the Walnuts, but in the Senior Men's League there is a bitter fight on for the championship of the second round. The Chestnuts, Hazel Nuts and Walnuts are all tied for first place in the second round of the tournament, each having won four games and lost two. The winner of the second round will play the Chestnuts, who won the first round, for the championship of the Senior Men's League. The league standing is as follows:

	WON	LOST
Chestnuts	4	2
Walnuts	4	2
Hazel Nuts	4	2
Peanuts	3	3
Hickory Nuts	2	4
Cocanuts	1	5



Springfield College Gymnasium Team

Junior Life Saving Corps

On January 26 a team from the Junior Life Saving Corps of the Whitin Gymnasium, consisting of John Longmuir, James Houghton, Robert Marshall and Jack Brines, with Mr. Albert Porter in charge, attended the swimming meet held by the Red Cross Life Saving Section at the Boston Y. M. C. A. tank in Boston. Longmuir and Houghton won second place in the finals for the cross chest carry. Marshall and Brines won second place in their heat, but as only the winners of first place took place in the finals, they did not make the final heat. The boys did well in all events in which they entered and made a decidedly creditable showing. Captain Miller who was in charge of the meet praised the efforts of the boys and felt that in the short time they had been doing this work, the work of the team was remarkable.

Announcement

On March 1, the Springfield College Gymnasium Team will give an exhibition in the Whitin Community Gymnasium. Immediately following the exhibition there will be a basketball game with the Pawtucket Boys' Club team. One admission will entitle you to both attractions—

Members, 50 cents; Non-Members, 75 cents. Hold this night open and don't miss the chance of seeing this gymnastic team in action.

Boy Scouts

On February 11 Mr. J. B. Wadleigh, head scout-master of the Worcester Council of Boy Scouts of America, and Mr. Whittemore, his assistant, came to Whitinsville and met with thirty-six interested boys and men to form a scout troop here in Whitinsville. Mr. Wadleigh was delighted with the showing of the boys.

The meeting took the form of a regular meeting of a Boy Scout troop, and was given up to educational and recreational features.

On February 25 an organization meeting is to be held, at which time the tenderfoot test will be given to those desiring to become charter members. Mr. Robert Marshall, who has had considerable experience with boy scouting, will be supervising scout-master; Louis Brown will act as scout-master, and his assistants will be Kenneth Liberty, Ralph Smith and Ira Bates. Others are to be chosen later. The committee to advise with the scout-masters will be made up of interested men who are willing to give some of their time to aid in making "boy scouting" a success in Whitinsville.

"A Law for the Jay-Walker"

By LEWIS A. DEBLOIS, President of the National Safety Council

Take a pack of cards, shuffle them, lay them face down on the table and draw the ace of spades. The chances are fifty-one to one against success. If you repeat the operation a great number of times you will draw other cards fifty-one times as often as the ace of spades. This follows a mathematical law, called "the law of probabilities" to which there are no exceptions. You may draw the ace on the first attempt; if so you will call it "luck." However, it is not luck; it follows the law of probabilities. Repeated attempts—a sufficient number of them—will prove it.

Accidents (with the possible exception of catastrophes caused by such natural phenomena as earthquakes, tornadoes, lightning, etc.) do not just "happen" but are "caused" by combinations of circumstances. These combinations are not controlled by luck but follow the law of probabilities. It is not luck, for example, that permits me to step out from behind a trolley car and escape injury from an automobile coming in the opposite direction; it is merely that the necessary combination of circumstances has not yet been completed. Under the law of probabilities if I continue to repeat the performance the missing circumstance will some day make its appearance—it may be a mere particle of dust blown into my eyes or a stumble due to re-soled shoes or some other trivial happening—but it completes the combination and I have lost the gamble in which I staked my life against an infallible "system." Like any other gambler I believed in "my luck."

There is just one way to beat the game—don't play it. Give up taking chances with your life and you will have no cause to complain of your "luck." Thousands have already learned this, but thousands more will learn it too late. Don't be one of them.

Wright, if you'd only learn to write right, right now, you'd be all right.

Service Pins to be Awarded in the Month of March

40-Year Pins

F. L. Brown

30-Year Pins

H. A. Graves

25-Year Pins

D. S. Goodspeed Charles Williams

20-Year Pins

Tony Remauski

15-Year Pins

Simon Platukis Anthony Wasiuk

10-Year Pins

William Wrenn Phil Farrell

R. Rollins George Ferguson

Tim Skerry

5-Year Pins

William Baines W. A. Courtney

Leon Barnes Margela Garand

Arthur Coburn Dan Kezirian

Ynte Vanderbrug

Service Pins Awarded in Month of February

25-Year Pins

Elmer H. Hilt Jacob Kooistra

20-Year Pins

Hugh McCracken

15-Year Pins

William Daniels John McGuinness

10-Year Pins

Harry Bailey Malk Moserian

5-Year Pins

Amb. Baker Arthur Brooks

David Brunelle Robert Gusney

William Finney Ronald Poulin

Iver Johnson J. A. Shippy

Interesting Facts About Cotton

Continued from page 7, column 3

this line, the Duke of Abruzzi, a cousin of the King of Italy went to Benadir shortly after the European War to study the possibility of an intensive cultivation of that country. As a result of his activity, great drainage works are now nearing completion. It is expected that when the task is done extensive tracts of irrigated lands will be available for cotton planting. The success of the Duke in this enterprise he lays to the system of co-operation which he

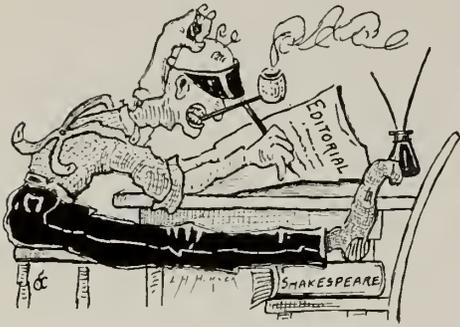
has established with the natives, who have immediately recognized the advantage they can draw from this new method of cultivating their land.

Japan, just at present, is making a systematic effort to render her cotton industry entirely independent of outside resources. The program involves annual increases in the cotton area of Korea, and it is confidently expected that by 1928 at least 250,000 acres of American cotton and 85,000 acres of native cotton will be under cultivation.

In 1914 Russia (then including Poland) imported less than 600,000 bales of cotton for her nine and one-quarter million spindles, and provided from her own cotton fields approximately 1,500,000 bales. After the Revolution, her cotton production fell off rapidly, and in 1922 she produced only a little over 500,000 bales. The restoration of the irrigation works will soon be taken in hand, and keeping in mind her former production, the Russian possibilities seem very great.

In South and Central America cotton production looks most promising. Argentina produces annually nearly 700,000 bales; Ecuador provides a yearly total of 15,000 bales, while Peru, which is free from the boll weevil, raises close to 180,000 bales per annum.

The reign of cotton as "king" in the South seems to be drawing to a close. America cannot hope to compete successfully against the much cheaper costs of cotton production in other countries. Undoubtedly the extermination of the cotton pests in the South will appreciably reduce American costs, but even then, the low cost of labor in other lands seems to be a handicap as far as the world market is concerned, which America can never overcome. At present, the textile industry looks for the most part to America for her supply of raw cotton. Another failure to supply the demand, such as that of last year, will ruin the cotton growing industry in the South. If the southern planters are awake to the situation they may be able to save themselves by co-operative enforcement of drastic measures against the boll weevil during the coming year.



Steam Hammer Reflections

BY C. T. BURLIN

Previous articles have dealt with lives of blacksmiths and the methods of making iron and steel in ancient times. We will now describe when, where and how iron came to be manufactured in this country.

It is a curious fact that the Aztecs of Mexico and the Incas of Peru at the time of the discovery of this continent, knew how to smelt copper, gold and silver, but they did not know the far simpler way of making iron. This seems to belie their Asiatic origin, and favor the idea that they belonged to the same race as the Egyptians. Egypt had no iron ore, and as far as we know, no blacksmiths; and, as a consequence, they had a stone age civilization.

The early explorers of this continent were too intent on looking for gold and fountains of youth to have time to teach the natives the art of making iron. Iron-making in England made very slow progress on account of the enormous quantity of charcoal required in iron production. A blast furnace used 60 cords of wood to make the charcoal for smelting 15 tons of iron per week. A forge for making this pig iron into bars used 18 cords of wood to produce 3 tons a week. This wasteful method threatened to denude the country of forests, so Queen Elizabeth's government put a stop to it, and imported their iron from Sweden.

In 1585 Sir Walter Raleigh sent out several expeditions looking for and finding iron in the Carolinas, but it was 150 years later before any iron was made. The first American iron works were erected in 1622 at Falling Creek, Virginia. A large number of artisans were imported from England to operate the plant.

It happened that the Indians, being great patriots and 100% Americans, objected to foreigners in general and Englishmen in particular, so they massacred them all and burned the works, which were never rebuilt.

The first successful iron works, built in Lynn, Mass., in 1645, consisted of a blast furnace and a forge for making bar iron. The old Bloomerie at Taunton, Mass., was established in 1652, and was in existence for over 200 years, being owned practically all of this time by the Leonard family.

NAIL-MAKING AMONG THE FIRST USES OF IRON

The building of a house in those days was a simple matter. The timbers were all hewn by hand and were produced by the builder himself, who also generally built his own chimney. As there was no plastering to be done, the builder did not have to ask the permission of the Carpenters', Bricklayers', or Plasterers' Union before starting. The only thing he had to worry about was a supply of nails which had to be ordered from the local blacksmith about three months in advance.

About 1658, a blast furnace and forge were built at New Haven, Conn. Another forge was built at Pawtucket, R. I., in 1675, and by the end of the century, New England, with the exception of Vermont, New Hampshire and Maine, had a great number of iron-making establishments. Even the metropolis of Northbridge Center could boast of such an establishment.

In the year 1750, England forbade the building of more iron works in the Colonies for the production of other than pig iron and raw bar iron. Joshua Gee said that all attempts to set up any manufactories in the Colonies that are carried on in Great Britain should be crushed in the beginning. The British Parliament forbade the export of any machine engine tool, press paper utensil, or implement used in various lines of manufacturing, and also made it a serious offense to entice any blacksmith out of the kingdom.

These restrictions were the chief cause of the war. Four of the signers of the Declaration of Independence were manufacturers of iron, and more than twenty of the

leading officers in the Colonial army were interested in iron-making. Colonel Augustine Washington, father of George Washington, who succeeded John Hanson as President of the United States (see history of Maryland); was interested in iron-making in Virginia.

When the war started, it was found that in spite of restrictions the plants in the Colonies were able to furnish the cannon and all the material necessary for making muskets, swords and bayonets. In the old Sterling Iron Works in New York, run by Blacksmith Peter Townsend, there was a chain made that weighed 180 tons. Each link was made of 2½-inch square iron and weighed 100 pounds. This chain was a mile long, and was stretched across the Hudson to prevent the British ships from passing.

In 1781, Bergman of Upsala, Sweden, showed that the difference between wrought iron, steel and cast iron, were due to the variation of carbon contents. This discovery laid the foundation to scientific steel metallurgy. As I have discussed steel in a previous article, and as space is limited, I will only add that with its vast resources of coal and ore, this country now takes the lead of all other countries in the production of iron and steel. From a production of 15 tons a week in the old blast furnace to 1,000 tons in 24 hours in a modern one, is some jump. In this year of grace 4 A. V. (Anno Volstead), the year's production will probably exceed 50 million tons. I thank you.

On a recent information blank which we had our employees fill out, "Al" Porter of the Blacksmith Shop had listed under *Other Dependents*—
"One Dodge Touring Car!"



HOW DO YOU GET THAT WEIGH?



"Hank" Hewitt of the Speeder Parts job recently asked a special friend of his in Webster, what she would like for a Christmas present, and the members of the job have found out that he was told that she very much desired a time-piece. Hewitt thought this was a good suggestion, and bought her a Big Ben Alarm Clock which was placed on the parlor shelf. She now gets even with him for the humor of the situation, by setting the alarm for the time when he should leave. Joe Defoe says this is a good one on "Hank," but is congratulating him on being a good sport.

Gene Clossen of the Speeder Parts job bought a "tin Lizzie" from a friend of his by the name of Percy Smith. In the sales argument he was told that it was a 1917 model, but in purchasing accessories for the car he now requisitions for 1913 parts. This is true even to the crank of the car. Emory Burroughs has put in a bid to trade him even for his horse and wagon, stating that he has planned to put a truck body on it. Gene says he is holding out for an even bid with Dennis Harrington. We are all interested in this trade and hope he has good luck in making the swap.

Lawrence Ramsey, foreman of the Speeder Parts job, informs us that he picked pansies from his garden on January 18. This story ought to hold its own in competition with the stories we were hearing about strawberries and robins in Portland, Maine.

A few days ago Mr. Ramsey informed us that he had been successful in an interesting experiment of rais-

ing rhubarb in his cellar during the winter months. He claims that it is worthwhile, trying and that he is enjoying fresh rhubarb pie and sauce every week. Mr. Ramsey is a member of the Home Garden Club, and we don't doubt but that he has benefited himself from his associations with this organization.



William Baker, formerly of Bates' job, who worked in the shop for 18 years and left in October, 1920, for Florida, is reported to be doing very well in our sunny Southland. He has a new home and now owns about forty head of cattle. The accompanying pictures will undoubtedly be of interest to his former associates.



A very interesting three-legged race was recently staged in Post Office Square, Providence, R. I. Oscar Honnors of the Production Department furnished two of the Legs, and a valuable leg of lamb was the third party of the comedy.

Mr. Honnors had done his week-end shopping and was returning in an Overland Sedan owned by Mr. Charles of the Superintendent's Office. One of the doors of the car was rattling, and in an attempt to close the door the leg of lamb fell out. Mr.

Honnors spent considerable time running around Post Office Square looking for the leg of lamb, and even inquired of the Traffic Officer if he had seen the package. On returning to the car to report his misfortune to those with whom he was riding, he noticed the leg of lamb lying on the running board. The two legs had done most of the running, but the third leg won the race.

The Whitin Machine Works bowling team defeated Crompton & Knowles at the Worcester Boys' Club, in a return match, on Friday evening, January 18. The shop team had won the previous match in Whitinsville by four pins. This match was rolled with duck pins, and it was thought that we would have considerable difficulty in defeating Crompton & Knowles with candle pins in Worcester. It was more evident that we were going to have difficulty after the first string, which Crompton & Knowles won by 16 pins. In the second string Gents rolled 99, Broadhurst 94, Montgomery 113, Marien 128 and Willard 98, making a total for the string of 532, or an average of 106.4. In this string alone the Whitin Machine Works had a 104 pin lead over their opponents, who were having a bad string, and as a result we won the match by 77 pins.

The shop team was composed of the highest five bowlers in the Shop League and it is the general opinion that we have a quintet which is able to hold its own with the teams in this part of the State.

"Pep" O'Brien, on Bates' job, received the following document in the mail on Tuesday, January 30. The letter, with the stamp in the left-hand corner, was addressed: Mr. Pepper O Byran, Blue Eagle Inn Boarding House, Whitinsville, Mass. The letter follows:

Whitinsville Mass
Jan 29

Dear Mr. Pepper,

Pleas excoose me for takeing thee oppounity for adressng you by you last name first. I am thee sam girl you danse with at Od Fellow Hall one Saturday night about three

week ago and I ben thinking ever cents I would like too meat you som time if you ant got some ob- jecshum. If you want to meat me Thursday night I will be all alone in my house has my father will gone on the moving pitchers and my mother he is spending his voca- tion down Munville pleas come buy the back dore becos the front door is somthing thee matter with the lock. You can start from your boarding house at 8 oclock so my father will bee gone buy thee time you get here

Yours Truly,

EVA T.

P. S. Dont forget too bring som chocklat with you becos I like chocklat ever so much. Goodbye.

Yelle Hooyenga, our breezy humor- ist from the drafting room, con- tributes for this issue of the SPINDLE the following two "locked-up" jokes (you know what we mean—the kind you can't seem to get in on!).

1. David Savage got a call by radio from the drafting room asking if he was doing any more barbering. He replied that he was, and was told that it was time to cut Yelle's hair. Yelle went and got his hair cut, and says that Savage did a very good job.

2. The title of this one is "Not Particular." It seems that there was a certain preacher who was doing some canvassing in a small town. When visiting one of the homes, he saw a piece of cloth lying on the table. "My!" he said to the lady of the house, "that's a nice piece of cloth you have there! I'd like to have it." "I need it myself," replied the woman. "I just got it last night." "Where did you get it," he asked. "My husband stole it," she informed him. "Kind of rough, ain't it?" he ventured. "Yes, that's what I said," she replied. "But when it's too rough for shirts on the back, we make sheets for the bed out of it!"

We are glad to announce the birth of a baby girl to Mr. and Mrs. John W. Lassell, on Sunday, February 17.



We received a letter with the above photograph from George E. Clapp, a member of the Erecting Department, who is now located in one of the cotton mills in Lenoir, N. C. He writes as follows:

Editor, Whitin Spindle,
Whitinsville, Mass.

Dear Sir: I see by the Spindle for December that I was to be awarded a five-year-pin during that month. I have already received my five-year-pin but expect my name was put in the wrong column, as I am expect- ing a ten-year-pin, as I completed my ten years December 1, 1923. I thought I would call this to your attention and I await the arrival of the ten-year-pin. You will find enclosed a picture of combers in the mill at Glover, N. C., which I took. The man on the left is the overseer of the department, and the next man is the comber-fixer and the man on the right is the operator who runs ten combers.

Yours truly,
GEORGE E. CLAPP.

Since Firpo and Dempsey have been making more money than the U. S. Mint, some of the big fellows in the shop are getting a little chesty, so an elimination contest, as follows, would be somewhat in order:

	Weight	vs.	Weight
George Ferguson	220		Noel Wood 250
Henry Owens	210		Billy Dion 275
Sydney Schat (Unknown)	vs.		
	Charlie Stuart,	Catch weight	

Joe Barker (weight, something less than 400) says he'd fight, but he'd have to battle too many. Be sure and get your tickets early.

Preston Barr of the Spindle job announces the birth of a baby boy, born on Monday, January 28. Mr. Barr tells us he is a husky baby, weighing 9 $\frac{1}{4}$ pounds. We congratulate Mr. Barr and hope his son will grow to be as nice a child as his daughter, whose picture we published in last month's SPINDLE.

A letter was forwarded to us re- cently from Philip J. Reilly of the Shanghai Office of the Whitin Machine Works in China. Mr. Reilly tells us that he has read the story of the Japanese earthquake as written by Major Crane in a recent SPINDLE, and brings to our attention the fact that in spite of the tremendous construction loss, it was remarkable how much has been accomplished in replacing the cities affected. One of the paragraphs of his letter brings out this point in particular, which we quote as follows:

"When one looks around and sees the giant steel structures stand- ing like so many gaunt skeletons, one almost believes these buildings must have been in the process of construction; but some are badly cracked, some stand with parts of walls shaken out and some are half destroyed. All this evidence points to the fact that these skeletons were not in process of construction, but are the results of the terrible shaking- up produced by the earthquake, and one cannot help but feel sorry for the nation that had to undergo this disaster. This feeling is even now evident, although all signs of the great loss of life which occurred simultaneously with the loss of the buildings, has been removed.

"While standing in the office of Mr. Asabuki of the Mitsui Company, looking over the square miles of the partly constructed buildings, I can- not help seeing what a wonderful moving picture scene this would make, thus giving a bit of knowledge to the world, of what these people have done in action as well as in spirit, to build up new homes in the past two months. On every inch of land available are buildings of wood, sheet iron and some even of cement.

"It is most difficult for Japanese citizens, to say nothing of foreigners, to locate some of the old firms on account of the changed conditions of streets and buildings. There are no landmarks left to guide you. Mr. Asabuki and several other men from the Mitsui Company, and my- self, have had our difficulties in finding the offices of many of the largest concerns. The present Mitsui Office is a couple of blocks from the

Imperial Hotel, and is a large wooden building standing on the ground of their former club. It looks like a big exhibition hall at a State Fair, with hundreds of people working in the same room. It is in buildings like this, some larger, some smaller, that Japanese business is being saved by men of courage and determination. All seem to be working for the glory of Japan, from the humblest coolie to the private official. There is little mourning, in fact all seem to be happy."



The above photograph of Church Street, Whitinsville, was taken many years ago, and we should judge from the view that it was snapped from the old Congregational Church tower. Most of us today will recognize the Dudley Block on the right hand side of the street. The church shown in the photograph is the old Catholic Church. This picture shows that many changes have been made since it was taken. The old fences and houses give an appearance of a typical New England village. We are indebted to Joseph Johnston, Town Clerk, for this view.

Home Garden Club

The Secretary of the Whitin Home Garden Club, Joseph T. Cahill, has written the following announcement, which he wishes every member of the Whitin Machine Works would read:

Planting time is fast approaching, and it is now time for us to plan for our garden this season. Are you going to have one? To be sure you are. You can have the same garden as last year, or if not satisfied, arrangements can be made for a differ-

ent plot. The Whitin Machine Works are ready, as they have been in the past, to give to all a garden. They will plow, harrow and give fertilizer sufficient to plant, provided your garden is on land controlled or owned by the Works, but will not plow, harrow or fertilize land not owned by them. You will be given spraying material, but you must do your own spraying. Seed potatoes can be procured from the Works the same as in previous years, but order early.

Small seed will not be handled by the Works.

The terms for a garden are the same as last year, \$1.00 for membership in the Whitin Home Garden Club. Present your receipt to the Yard Office and a garden will be assured, but remember you must belong to the club to get a garden. All membership in the club expires March 1, 1924, and to retain your membership the dues of \$1 should be paid as soon after that date as possible. Pay all dues to Fred Burroughs, Treasurer of the club.

Don't forget that the annual meeting of the Club, held for the purpose of electing officers and such other business as may come up, will take place in the schoolroom of the Employment Department on Wednesday evening, March 5, at 7 P. M. Please try to be present.

JOSEPH T. CAHILL,
Secretary.



Mr. Chester Gow of the Spindle job has just returned from a trip with Mr. B. R. Sweet to our sunny Southland. They were doing some work in the Southern mills for the Whitin Machine Works. While there, Mr. Gow made many friends, including "Tarzan," the dog shown in the

accompanying picture. This animal is of the mastiff breed, and it is impossible to get a complete idea of its true size from the picture. However, if the reader will note Mr. Gow's shoulders, and the dog's head he may be able to make some comparison.

"Tarzan" weighs 186 pounds, and when he crosses the street in Greenville, S. C., the traffic is held up, for no "cop" would take a chance on his being run over. He belongs to a doctor in the city, but you can always find him somewhere in the center on a sidewalk, in a doorway, or just coming out of a restaurant, where, if the menu was satisfactory, he has just dined. This picture was taken by Mr. J. W. Safriet, one of our roadmen.



This cheerful-looking gentleman standing beside his Studebaker Sedan is Mr. J. W. Safriet, one of our Southern fitters. When last seen, Mr. Safriet was at Duncan Mill, Greenville, S. C. Any of the boys from the shop who are in the South and can get in touch with Mr. Safriet may rest assured that he will not be happy himself unless they are comfortably placed. Mr. Safriet is not only considered an especially efficient mechanic with Whitin machinery by the manufacturers of the South, but a gentleman, in every sense of the word.

Lost

Blue fountain pen, between shop and Flagg's drug store. Finder please return to packing office. Reward.

Ethel: "Would you marry a lawyer, dear?"

Clara: "Gracious, no! I want a man who isn't too clever to give me grounds for divorce."

—New York Sun and Globe.

Patriotism and World Peace

The world has not yet learned the lesson taught by the great war. Dr. E. R. Turner, Professor of European History in the University of Michigan, says that the greatest of all the causes of the war was Germany herself. Through high intelligence, industry and excellent organization they had within a comparatively short time developed into a clever and mighty race. But success turned their heads, and they developed immediately an exaggerated opinion of themselves which is known in psychology as the "superiority complex." Nietzsche, the German philosopher, wrote that the Teutons were the aristocracy of humanity, and that Teutonic blood flowed through the veins of all of the great men of history. These teachings were broadcasted throughout the empire, and after a while were generally believed.

Because of their military successes, they believed themselves to be superior in war. They had humbled all with whom they had fought, and firmly believed that the day was not far distant when Germany would rule the world. They glorified war as the means through which this ambition would be realized, and were convinced that any methods employed to gain this end would be justified.

Here in America, but on a smaller scale, of course, we are spreading this same dangerous doctrine. Any red-blooded American youth will tell you without the slightest hesitation that America "any day in the week can wipe all of the other nations right off of the face of the earth." This juvenile frame of mind is the result of the manner in which American history is being taught in our schools. With utter disregard for the truth, our children have been led to believe that America has never made any mistakes and has never yet suffered a military or naval defeat at the hands of any foreign country, and that the founders of this great and glorious country were men of unimpeachable character, god-like intelligence, and unquestioned integrity.



CLARK SCHOOL, FIRST GRADE, 1895

Front Row: James Smith, Robert English, George Smith, John Drost, James Lawlor, Daniel Driscoll, William Callahan, Robert Brown, 2nd, James Devlin, and Robert Johnson.

Second Row: William Duggan, Sarah Dixon, Dona St. John, ——— Benoit, Joseph Nicklaw, Elsie Hokendyke, Miss Healy, Deliah Rasco, Maria Gordon, Elizabeth Houston, Marjorie Felson, Sadie Felson (Mrs. George Ferry) Miss DeBoer, Jessie Dolliver (Mrs. James Quinn), and Clara Gregoire (Mrs. Dion).

Third Row: Robert Waldow, John Leonard, Rena Stuart (Mrs. Oppawall), Charles Wood, Mary Duggan (Mrs Powers), John Lawlor, Oliver Boucier, Miss St. John, Miss LeBlanc, and Josiah Brown.

Back Row: Edrich Rasco, ——— Hopkins, Amelia Roy, Lillian McHenry, Nellie Wood, Robert McBratney, William Ledue, Joseph Bassett, Fred Gauthier, William Brewer, Ralph Balcome, Amos Whipple, George Smyth Alexander Hamilton, and George Drost. Teacher: Anna Blackman.

The history teacher who would dare to tell the students, for example, that John Hancock was an outlaw wanted by the British Government for smuggling, and that his primary interest in the Revolution was the saving of his own neck, would immediately lose his position in the school. Anyone who would for a moment insinuate that the Colonists had sympathizers in the British Parliament, and that England's attempt to quell the Revolution was only half-hearted, would be instantly accused, of spreading British propaganda. The unquestioned defeat of the Americans at Bunker Hill is painted by our historians as a glorious moral victory, and when the writers describe our successes in the War of 1812, they forget to tell us that England had on her hands at that time another war with France of far greater magnitude than our little skirmish ever dreamed of approaching.

Today our government is spending millions for the development of war machinery and chemicals, while the Senate laughs at the Bok Peace Plan and hints that it may not be sanctioned *even if the people want it*.

We must get rid of the kind of patriotism which runs down our neighbors and makes mountains out of the mole-hills of our own accomplishments, and with "malice toward none, and charity for all" extend

the hand of fellowship, sympathy and understanding to our fellow-beings across the seas who are laboring under the same delusions which have beset our own native land. Then, and only then, can we ever begin to hope for world peace.

Acknowledgment

We gratefully acknowledge and thank the employees of the Foundry for their kind expression of sympathy at the time our bereavement.

The family of Peter Savage.



Front Row: Harold Johnston, Henry Johnston
Back Row: Wm. Horan, Henry Bouvier, Walter Smith



The
WHITIN
Spindle



Airplane View of the Whitin Machine Works from the Northeast

MAR. - APR.
1924
Vol. 5 No. 7



PERSONNEL AND VIEWS OF THE SERVICE DEPARTMENT

1. Back Row: W. T. Norton, Henry S. Crawford, James R. Ferry, John Deane, John W. Lasell, Martin F. Carpenter. Middle Row: E. C. Leonard, C. A. Allen, Dr. E. W. Barry, Paul Kingston, Gordon Goode. Front Row: Helen Cotter, Marion Currie, Ethel Kenney, Martha Walker. 2. First Aid Room. 3. Doctor's Office and Examination Room. 4. Employment Office. 5. Apprentice School Room. 6. Treatment Room.

Service Department

The last in a series of shop departments and office groups to be featured in the Whitin Spindle is that of the Service Department. Unlike the majority of departments in the shop, it has not a long history, and, in fact, is one of comparatively recent organization.

In the fall of 1918 the management of the Whitin Machine Works decided to install a centralized department for the handling of labor matters. At that time graduate schools of the various colleges of the country were giving war emergency courses in Employment Management. William T. Norton, who was then the assistant paymaster of the Whitin Machine Works, was selected to install the Employment Department. He enrolled with the Employment Management class at Harvard University on Armistice Day, November 11, 1918.

Early in 1919 the work of the Employment Office began with headquarters in the Superintendent's Office. This location did not prove to be the most satisfactory possible, due mainly to the fact that the interviewing room, located at the door near the Cashier's Office, was too far away. The records essential for efficient interviewing could not very well be separated from the clerical work which was necessary to be done on them, and, therefore, the interviewer was much handicapped.

With the plans for a Shop Hospital in the spring of 1919, it was decided to place the Employment Department and the Hospital in the location now occupied. The Hospital was completed in July and the Employment Department moved to its present headquarters in February, 1920. The scope of the Service Department work covers a field of various activities, the most important being as follows:

Interviewing, hiring and placing the men in the shop, together with all records necessary in keeping

track of their hourly wages, transfers, leavings, laid-offs, promotions, etc. An idea of the number of men that apply for work in the shop may be gained by the fact that in 1923 over 5,000 people were interviewed.

In the Shop Hospital it is not unusual to treat over 150 patients a day. Here, every man who enters the Whitin Machine Works undergoes a physical examination, and all shop accidents are treated except a few major accidents which are referred to outside hospitals. In the latter case first aid is rendered. The hospital encourages the employees to be cautious against possible sickness, by reporting their disability as soon as the first symptoms are noticed, and thus is doing considerable preventive treatment. The records of the accidents and the matter of paying compensation are also important phases of the work.



William T. Norton

The Whitin Machine Works has over nine hundred tenements, the supervision of which is carried on in the department.

The Apprentice School, founded in the fall of 1919, has a membership of 35. This is part of the educational work of the department.

THE WHITIN SPINDLE, which was started in August, 1919, is printed for

the employees of the shop and has its headquarters in the Service Department.

The various athletic activities use the department as a clearing house and arrange their schedules and make arrangements for various games.

A few remarks concerning the personnel of the department might be of interest to the readers.

William T. Norton started in the Whitin Machine Works in 1905 as stenographer to Albert H. Whipple, Superintendent of the shop. The following year he was placed in the Main Office, and afterward was made assistant paymaster, which position he held until November, 1918, when he was made Employment Manager.

James R. Ferry, a veteran of forty-five years' service in the Whitin Machine Works was in charge of tenements when the Employment Department was established, and has continued on this work and has been connected with the department since its establishment.

Henry S. Crawford was stenographer of the Superintendent's Office until February, 1920, when his full time was given to the Employment Department.

Martin F. Carpenter started in the department in April, 1919.

Harriet B. Glidden was placed as head nurse in the department in July, 1919.

Charles A. Allen, formerly a member of the Drafting Room, took up his duties as instructor in the Apprentice School in the fall of 1920.

Ethel Kenney, graduate nurse, became a member of the hospital force in May, 1920.

John Deane, who was formerly coachman for the late George Marston Whitin, has had the position of doorman and janitor since February, 1921.

Marion Currie has had charge of the hospital records since September, 1921.

Helen Cotter came to the Employment Department from the Pay Roll Department in the spring of 1922.

In February, 1923, Elmer C. Leonard, a senior at Clark University, was brought to the department to help on the SPINDLE and other activities.

John W. Lasell came to the Employment Department from the Production Department in August, 1923.

Gordon Goode, instructor in the Apprentice School, is a part time member of the department and joined us in the fall of 1923.

Paul Kingston became the regular orderly in the hospital in the fall of 1923. Mr. Kingston had helped out several times before in hospital work.

Paul Wheeler, another part time member of the department, is a member of the Tool job. From seven to eight-thirty every morning he is to be found in the hospital as a first aid man. Mr. Wheeler did not appear in the group picture as he had charge of the hospital while the photograph was being taken.

In the hospital there were two nurses who were previously employed. They were Miss Anderson in 1919, and Miss MacDonald in 1920. Grace Brown was the first clerk in the hospital and left us in 1921.

In the Employment Department there were Florence Currie, who started in January, 1919, and left to be married in 1921; Hazel Anderson who started in June, 1919, and left in May, 1922; and W. D. Morrison who started in July, 1919, and left in September, 1923.

When the Creator made all the good things, there was still more dirty work to do, so He made the beasts and reptiles and poisonous insects, and when He had finished He had some scraps left that were too bad to put into the rattlesnake, the scorpion and the skunk, so He put these together, covered it with suspicion, wrapped it with jealousy, marked it with a yellow streak, and called it a *Knocker*.

This product was so fearful to contemplate that He had to make something to counteract it, so He took a sunbeam and put it in the heart of a child; then He added the brain of a man, and wrapped all in civic pride, covered with brotherly love, gave it a mask of mirth and a grasp of steel, and called it a *Booster*.

Albert H. Whipple

Throughout the works there was a general feeling of sadness on Thursday, March 20, when the news was received of the death of Albert H. Whipple, superintendent. His death was very sudden, being the result of a shock which occurred about six o'clock in the morning, proving fatal in the early afternoon.

Mr. Whipple was appointed superintendent of the shop in 1897. Previous to that time he was foreman of the Tool job twelve years. He had a continuous service record in the shop, of fifty-two years and two months, having started to work in January, 1872 as an apprentice.



Albert H. Whipple

Mr. Whipple had never been placed on the inactive list of old employees and took a keen interest in the general supervision of the shop. He spent the full day before his death at the works; and to those who came in contact with him he appeared to be in perfect health.

His funeral was held from the Village Congregational Church on Monday, March 21, the Rev. W. A. Commons officiating.

During the service the power in the shop was shut off for a short time and work was discontinued. The sympathy of the readers of the SPINDLE is extended to Mrs. Whipple, his widow, and to his son, Dr. Earl Whipple of Steelton, Pa.

When you walk and when you fliv
Look both ways and try to live.

—National Safety News.

A Friend

I've never known a dog to wag
His tail in glee he didn't feel,
Nor quit his old-time friend to tag
At some more influential heel.
The yellowest cur I ever knew
Was, to the boy who loved him, true.

I've never known a dog to show
Halfway devotion to his friend,
To seek a kinder man to know
Or richer, but unto the end
The humblest dog I ever knew
Was, to the man that loved him, true.

I've never known a dog to fake
Affection for a present gain
A false display of love to make,
Some little favor to attain.
I've never known a "Prince" or "Spot"
That seemed to be what he was not.

But I have known a dog to fight
With all his strength to shield a friend,
And whether wrong or whether right,
To stick with him until the end.
And I have known a dog to lick
The hand of him that men would kick.

And I have known a dog to bear
Starvation pangs from day to day
With him who had been glad to share
His bread and meat along the way.
No dog, however mean or rude,
Is guilty of ingratitude.

The dog is listed with the dumb,
No voice has he to speak his creed,
His messages to humans come
By faithful conduct and by deed.
He shows, as seldom mortals do,
A high ideal of being true.

—American Field.

Those connected with the SPINDLE are especially sorry to lose the services of Elmer Leonard, a member of the Employment Department since February, 1923. Mr. Leonard has been largely responsible for the SPINDLES during the past year.

He has also been very active in athletic lines, having been Captain of the Whitin Community Association Basketball Team, and a strong supporter of the program of the association.

Mr. Leonard has many friends in Whitinsville and in the works who wish him the best of luck in his future work.

Gerrit Ebbeling of the Foundry who went to Memorial hospital for an operation has returned home. He would be glad to have his friends call on him.

There is always something wrong with a man, as there is with the motor, when he knocks continually.

—Columbia Record.

Another Forty-Year Veteran

We are glad to welcome to the ranks of our "Forty-year Men" Edward L. Brown, of William J. Walker's job. Mr. Brown first came to work for the shop when he was a boy 12 years old, beginning on the Roll job, then under the foremanship of Lloyd Smith. After working here for about nine years he was transferred to the Loom job under Tom Lowe, where he remained for only a short time. He next went to work for Rene Lowe on Cards, and remained there for about three years when he was again transferred, this time to the Drawing job under Fred Houghton. He then worked for two years on Spoolers under Cleveland, for three years on Spinning under Remington and Burbanks, and for four years under Ed. Hanny on the Milling job. From Mr. Hanny he came to the Small Spinning Parts job where for the past fifteen years he has served under Foremen Remington, Blanchard and Walker.



Edward L. Brown

Plans are under way to reorganize the Triangle Industrial Baseball League this season, and invitations to join the league are being considered by the following companies: American Optical, Slaters, Chase Mills, Norton, Hamilton Woolen, Whitin Machine Works, Whittall Carpet, and Millville Rubber Works.

Service Pins Awarded in the Month of March

40-Year Pin
Edward L. Brown

30-Year Pin
H. A. Graves

25-Year Pins
D. S. Goodspeed Charles Williams

20-Year Pin
Tony Remauski

15-Year Pins
Simon Platakis Anthony Wasiuk

10-Year Pins
William Wren R. Rollins
George Ferguson Tim Skerry
Phil Farrell

5-Year Pins
William Baines Ynte Vanderbrug
Margela Garand Leon Barnes
W. A. Courtney Dan Kezirian
Arthur Coburn

BORN—on January 19th to Mr. and Mrs. Thomas F. Devlin, a daughter, Mary Agnes. Mr. Devlin is in charge of the Shipping Office of the Repair Department.

Harold E. Adams of the Stock Room office, announces the birth of a baby girl—Phyllis Ruth—on Thursday, February 7. Congratulations!

Service Pins to be Awarded in the Month of April

40-Year Pin
Thomas Drohan

25-Year Pins
Louis Blaine F. A. Walker
Andrew Cahill

20-Year Pins
John Grandpre S. Sahagian
Joseph Lacosse Peter Welch

15-Year Pins
Sam Bedrosian F. M. Langlois
Kasper Hagopian Mike Guertin
Ger. Roach Peter Ledoux
H. J. Burns W. A. Sproat

10-Year Pins
Albert Coburn F. O. Jacques
James Kelly Fred Muse
Richard Felson

5-Year Pins
Arthur Dion Elaine Brown
Simon Ploegstra Mildred Sylvester
Charles Ernschaw F. C. Hathaway
Pat Donnolly W. Brewer
Abraham Twilight M. F. Carpenter



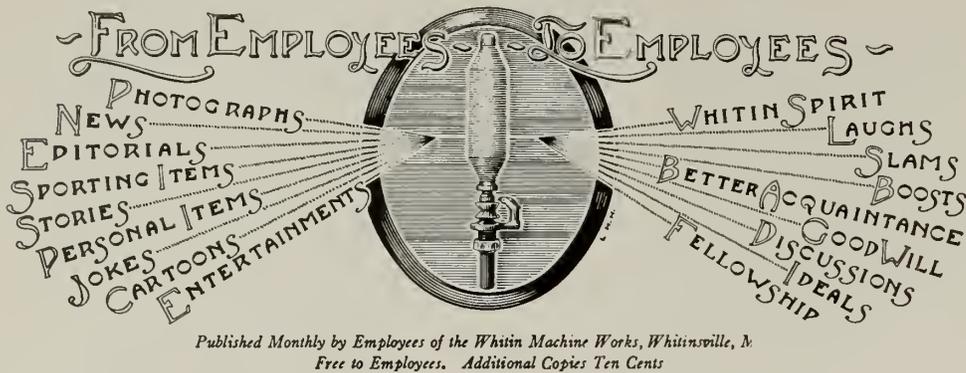
William O. Aldrich

On March 27, William O. Aldrich, manufacturing superintendent of the Whitin Machine Works was promoted to superintendent by the management of the Works. Mr. Aldrich started in the Whitin Works in April, 1884, working on the Roll job under Lewis W. Smith. He also worked on the Spinning job under Remington and Burbank, and on the Card job under Howard Burbank, and on Drawing under Houghton. In 1895 he became a member of the Tool job and in 1896 was appointed second hand for Snelling on the Bolt job. In 1907 he was made an assistant to the superintendent, Mr. A. H. Whipple, and was appointed manufacturing superintendent in 1921. We extend our congratulations!

Until the business of the textile industry becomes a bit more optimistic the WHITIN SPINDLE will be published once every two months, and the next issue will appear around the middle of June.

The first copy of the WHITIN SPINDLE was published about the first of August, 1919, and except for the summer, when we combined the July and August issues in 1922 and the August and September issues in 1923, the SPINDLE has appeared every month, making a total of fifty-three issues.

Those rehearsing for Gilbert and Sullivan's Comic Opera Pinafore, which is to be given under the direction of the Whitins Community Association this summer, had a fine opportunity to hear it broadcasted from W. G. Y. Schenectady, Wednesday, April 9th.



EDITORIAL STAFF

Martin F. Carpenter
Elmer C. Leonard
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Make Motoring a Pleasure—Not A Peril

We are all looking to the warm weather and open roads when we can take the family out into the country for the week-end. The whole family can hardly wait. Dad has the family bus in shape ready for the first chance to take a long spin. Let's hope he hasn't forgotten the brakes and steering gear in his overhauling.

The motoring season has its perils. This year there will be more cars than ever on the highways, hence more care will be needed than ever before.

There are enough rules on safe driving to fill a large book but the National Safety Council recommends these three especially: Keep your car in good condition, keep it under control and let the other fellow have his share of the road. Follow these and your chances of keeping out of court and out of the hospital are excellent.

The motoring season is open season for the nut who risks his family, himself and his car in the most assinine of outdoor sports—racing a train to the crossing. With several months of motoring ahead this season and several more seasons to come, it's worth while to play safe.

It is just as important to play safely as to work safely. When you are hurt through your own recklessness

while motoring, you must foot the bills yourself. There isn't even the slim benefit of a compensation check.

Don't make the summer season the silly season. Make it safe and enjoyable for your family and yourself.

The Safety Valve

Every hard boiled egg is yellow at heart. When a job requires real courage the braggart and the chance-taker can't qualify.

The best safety sermon is a good example.

A safeguard may make a machine "fool proof" but some fool can always find a way to remove it.

Watching your step brings promotion quicker than watching the clock.

Out of this nettle, danger,
We pluck this flower, safety.
—Shakespeare.

Many a man is carried out feet foremost because he rushed in head-long.

Tell me not in mournful numbers
Safety first is but a joke;
Accidents will stop your pay check
Doctor bills will leave you broke.

Sing a song of gasoline,
A driver full of gin,
He tried to run into a cop
And the copper ran him in.

They put him on the rock pile
Because the judge had said
"You're guilty of a serious crime
It's lucky no one's dead."

The Romance of Cotton Machinery

Through the courtesy of George Bannon of the Drafting Room, the SPINDLE is to be favored with a series of articles on "The Romance of Cotton Machinery." The "Interesting Facts about Cotton" series, which have been appearing regularly in the SPINDLE for the past year, have been concluded, and the space given over to Mr. Gannon's material. The first instalment of this new series, printed below, is both interesting and instructive, and should prove very popular to the readers of the SPINDLE.

Centuries and centuries ago, before recorded history began, we are told by the archeologists that clothing made from textiles was then worn by the better classes, and that the method of making cloth was by means of a crude spinning distaff, and an ingenious hand loom.



A Primitive Hand Loom

Today we find many countries of the world ready to claim that they were the discoverers of the use of cotton, but it is impossible to learn where it was first used. The Egyptians credit the goddess Isis with its discovery; the Greeks claim that Minerva, the goddess of wisdom, gave it to their people; while the Chinese say that the great Emperor Yao invented it. In Greek mythology we read that Hercules, when in love with Omphale, debased himself by taking the spindle and spinning a cotton thread at her feet. Spinning was considered a work belonging to women only, and by spinning for her in this position, he was thought to have greatly humiliated himself.

How the ancients may have first discovered the art of spinning cotton is a very interesting speculation. If the reader will take a little cotton in the left hand, and by means of the first finger and thumb of the right

hand, take a few cotton fibres and gently twist them together, and at the same time draw the thread thus formed outward, it may be easily seen how a continuous thread is formed. To prevent the newly made thread from becoming tangled, one would, of course, wind it around a stick or some similar object.

According to Mr. Marsden, (who supposes the first spinner to have been a shepherd boy) a twig which was close at hand, would be the very thing to which he could attach his twisted fibres. He also supposes that, having spun a short length, the twig by accident was allowed to dangle, and in this position immediately began to untwist by spinning round in the reverse way until it ultimately fell to the ground. Instantly, the boy would argue to himself that, if this revolving twig could take the twist out, by reversion of its movements, it could be adjusted to put it in. In this idea, the spinning spindle probably had its origin, and very likely, Marsden's explanation is not very far from the truth.

A weighted twig or spindle would next be used, and as each length of spun thread was finished, it would be wound on to the spindle and fastened. As it would be extremely awkward to work the fibre up without a proper supply, a bundle of cotton was fastened to a stick and carried under the left arm, thus leaving the right hand free, as is done in some country districts in northern Europe



The Jersey Wheel

today. The modern name for this stick is "distaff" from low German.

The reign of Henry VII is said to have witnessed the introduction into England of the spindle and distaff. At the beginning of the 16th century, what was known as the Jersey wheel came into common use. Next came the Saxony or Leipsic wheel. Here for the first time is seen the combination of spindle flyer and bobbin. This machine was so arranged that by means of two grooved wheels of different diameters, but both driven by the large wheel similar to the Jersey wheel, the spinner obtained two speeds. The bobbin was attached to the smaller wheel, and the spindle, to which was fastened the flyer or twister, was driven by the larger wheel. By the spindle and flyer both revolving at the same velocity, the thread was attenuated and twisted as it was carried to the bobbin. The bobbin, driven by the smaller wheel had a motion of its own, much quicker than the spindle. In this way a bobbin of yarn was built up, and the saxony wheel no doubt gave many fruitful ideas to the inventors who appeared later on.

In the year 1720, in order to stimulate her woolen industry, Great Britain passed a law prohibiting the use or wear of any variety of cotton cloth under penalty of forfeiting to the informer the sum of five pounds.

Eighteen years later, however, we find a man by the name of Louis Paul recording an invention of a drawing frame. This drawing frame was a wooden apparatus on which were mounted three sets of rolls.

The top rolls were wood covered with leather. The bottom rolls were of brass and were covered with grooved wood. This was indeed a very crude machine, and was operated by hand.

About 1738, John Watt of Litchfield, England, built a house for the manufacture of cotton yarn and hired help to run it. The business failed but his idea interested enterprising men of that day, and in 1742, we find a mill operating at Birmingham, giving employment to ten girls as operatives, and utilizing a two-ass-power power plant. Two asses were attached to a turnstile and as they walked around in a circle, they transmitted power to his crude machines. It took more work to whip the asses around their circuit than it did to run the plant. This enterprise, like Watt's attempt, was also a failure.

About this time, a man named Kay invented a shuttle for the hand loom, thereby adding another important component to the manufacture of cotton cloth.

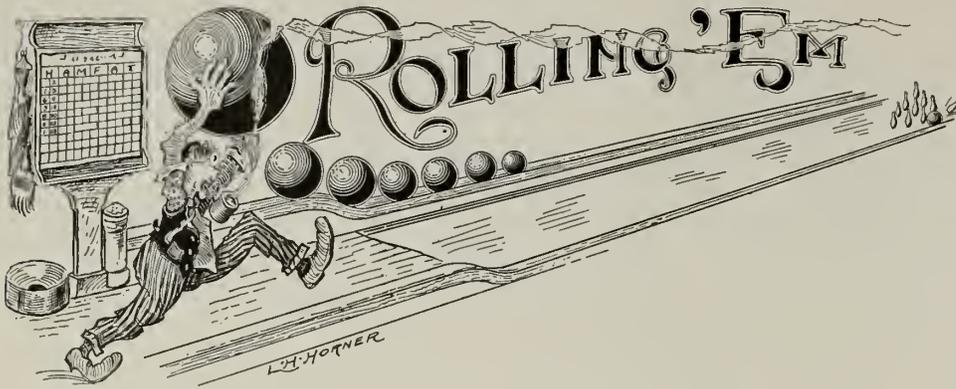
The year 1763 was epoch-making for the cotton spinners. We find Watt patenting a steam engine, and Sir. Richard Arkwright showing a model of his machine for spinning cotton. Arkwright was a barber, and afterward became a dealer in hair and dye of his own manufacture. He was financed by Messrs. Need and Strutt (the latter being the inventor of the stocking frame) and a factory was built with one horse as the power plant.

After a great many legal battles, he finally won his patent rights and being a man of unusual and extraordinary business ability, he accumulated a fortune of \$2,500,000 (a vast amount for those days), and won for himself the title in history as "The Father of the Factory System." Inasmuch as he was over fifty years of age before he acquired even the rudiments of learning, his achievements attracted the attention of the nobles, and in 1786, while lecturing before the King, he was knighted.

Next month there will appear a review of the early inventions of Hargreaves and Crompton, and the first Yankee attempts to start the cotton industry in America.



The Distaff



Spinning Wins Shop Bowling League

The Shop Bowling League finish lacked the close race staged last season, when the Spinning won out over the Spindles and the Cards in a three cornered race on the last night. This year the Spinning enjoyed a comfortable lead during the last two weeks of the season. The race for second place between the Bolsters and Cards, who were tied for third place in February, was interesting, the Bolsters finally winning over the Cards by two points. The Spindles, who had been runners-up to the Spinning team practically all season, finished in fourth place. They had a decided slump during the last three weeks of the season, even being defeated by the cellar champions, the Down Homers, three to one.

Montgomery, who, ever since the SPINDLE has been issued and many years previous to that time, has been the leading bowler of Whitinsville, proved his right to this title by leading the league with an average of 97.7. He started the first of the season in fifth place and has been overtaking his opponents each month. For example, he was in fifth place in November, fourth place in December, third place in January, tie for second place in February and defeated Willard, who had led the league practically all season, for first place by 1.4 points at the conclusion of the season. In order to do this Monty had to bowl an average of over 300 in the matches during the last month.

The prizes for the season are awarded to the following:

Winning Team	\$30	Bisson (Capt.)
		Willard
		Wood
Spinning		Kane
		Ballard
		Donovan

High Ind. Ave.	\$7	Montgomery
2nd High Ind. Ave.	\$3	Willard
High Single String	\$4	Gentis
High Three Strings	\$5	Willard

Second Place	\$15	Hutt (Capt.)
		Ballard
Bolsters		McGuinness
		Broadhurst
		Minshull

High Ind. Ave. on each team	\$4	Willard
Spinning		Broadhurst
Bolsters		Gentis
Cards		Marien
Spindles		Montgomery
Patterns		Connors
Foundry		Malgren
Pickers		W. Hall
Down Homers		

High Individual Average (Handicap):		
1st prize	\$5	Thos. Hamilton
2nd prize	\$4	Wm. McGoey
3rd prize	\$3	Patrick Duggan
4th prize	\$2	John T. Wild

High Five Strings:		
1st prize	\$5	Wm. McGoey
2nd prize	\$4	Harold Johnston
3rd prize	\$3	Jerry Foley
4th prize	\$2	Henry Crawford

High Single String:		
1st prize	\$5	Jerry Foley
2nd prize	\$4	Harold Johnston
3rd prize	\$3	Wm. McGoey
4th prize	\$2	John Connors
5th prize	\$1	Thomas Driscoll

High Team Total	\$8	Connors (Capt.)
		Ferry
Team No. 2		Dalton
		Duggan

SHOP BOWLING LEAGUE STANDING

	W	L	%	Pinfall
Spinning	59	25	.702	28,678
Bolsters	52	32	.619	28,169
Cards	50	34	.595	28,625
Spindles	46	38	.548	28,436
Patterns	38	46	.452	28,429
Foundry	36	48	.428	28,103
Pickers	31	53	.369	28,060
Down Homers]	20	60	.250	27,346

Individual Averages			
Montgomery	97.7	Melia	89.8
Willard	96.3	Peltier	89.8
Marien	95.6	Dorsey	89.7
Gentis	95.4	Saragian	89.7
Malgren	94.0	Campo	89.6
Broadhurst	93.	Ballard, P.	89.1
Minshull	93.	McGuinness	89.0
Roche	92.5	Hall, J.	88.7
Connors	92.3	Hutt	88.7
Davidson	92.0	Boyd	88.6
Bisson	91.7	Donovan, L.	88.6
Nash	91.6	O'Brien	88.6
Hanna	91.4	Ballard, E.	88.3
Champagne	91.3	Donovan, F.	88.2
Hall, W.	91.0	Brown	88.1
Wood	90.4	McQuilken	87.9
Kane	90.2	Crompton	87.4
Paquette	90.0	Hasson	87.2
Veau	89.9	Shugrue	86.8

High Single Strings			
Gentis	132	Saragian	116
Champagne	130	Connors	114
Malgren	126	O'Brien	114
Nash	125	Paquette	113
Roche	124	Campo	112
Bisson	123	Donovan, F.	112
Broadhurst	123	Dorsey	112
Willard	122	Melia	112
Davidson	122	McGowan	112
Donovan	119	McGuinness	112
Hutt	117	Hall, J.	111

Montgomery	116		
High Three Strings			
Willard	331	Marien	308
Malgren	326	Davidson	308
Montgomery	324	McGuinness	308
Gentis	320	Donovan, L.	307
Broadhurst	317	Nash	306
Dorsey	316	Roche	306
Champagne	311	Connors	304
Hanna			300

Foley's Team Wins Office Championship by One Point

Thursday night, March 13, determined the championship of the Office Bowling League when Team No. 3, under Captain Foley defeated Team No. 5 under Capt. Lamb by a score of 5 to 2. They won the championship by one point from Team No. 4 under Capt. Noble.

Team No. 2 under Capt. Connors had a fighting chance even in the last week, in case either of the leaders went into a bad slump, but Noble's team defeated Johnston's team six to one, which put Team No. 2 out of the running. It also made it necessary for the champions to take four points away from their competitors on Thursday night in order to tie for first place and five to win.

Capt. Foley's team led the league practically all season, being hard pushed by Team No. 4, with Team No. 2 always threatening to overtake them. Even in January the No. 3 Team was only one point ahead of No. 4.

The best improvement and the most consistent bowling in the league was shown by Harold Johnston, who held the high individual average all the season, showing an improvement of about four points over last season's bowling. McGoey was second in improvement and although not quite as steady in his bowling, had several exceptionally good nights which place him in a position for many prizes.

In announcing the winners of the prizes it must be kept in mind that no bowler can have more than two individual prizes, no bowler can have more than one average prize, and, regardless of all other prizes won, any bowler is entitled to team prizes as won by his team.

McGoey of the championship team wins five prizes but according to the rules will have to give up one, which undoubtedly will be the fourth high individual average, in which case the prize will go to Connors.

The prize winners are as follows:

Winning Team—	\$25	Foley (Capt.)
		McGoey
Team No. 3		Park
		Hamilton
		Larkin
High Individual Averages:		
1st prize	\$5	Harold Johnston
2nd prize	\$4	Walter Cain
3rd prize	\$3	Jerry Foley
4th prize	\$2	Wm. McGoey

OFFICE BOWLING LEAGUE STANDING

	W	L	%	Pinfall
Team No. 3	85	55	.607	35,494
Team No. 4	84	56	.600	35,311
Team No. 2	81	59	.579	35,293
Team No. 5	59	81	.421	35,168
Team No. 6	58	82	.414	34,859
Team No. 1	53	87	.379	34,720

High Single Strings

Foley	129	Ferry	116
Johnston, H.	127	Crawford, H.	114
McGoey	126	Lamb	113
Connors	120	Brennan	112
Driscoll	120	Scott	112
Noyes	119	Noble	111
Adams	116	Hamilton	111
Cain	116	Park	111

High Five Strings

McGoey	517	Cain	491
Johnston, H.	509	Connors	490
Foley	505	Ferry	488
Crawford, H.	503	Park	487
Driscoll	493	Dalton	486

Individual Averages

Johnston, H.	95.5	Park	87.8
Cain	93.0	Hamilton	87.6
Foley	91.6	Greenwood	86.1
McGoey	91.2	Duggan	86.0
Connors	90.4	Parcher	85.8
Lincoln	89.6	Carpenter	85.4
Adams	89.5	Dalton	85.3
Driscoll	89.3	Alden	85.1
Wild	89.3	Crawford, W.	84.9
Noyes	88.4	Johnston, E.	83.2
Lamb	88.3	Leonard	83.2
Crawford, H.	88.2	Ball	82.8
Ferry	88.1	Brennan	82.8
Noble	88.1	Whipple	79.5
Scott	87.9		

	Individual	Averages	(Handicap)	
Hamilton	95.1	Driscoll	91.1	
McGoey	94.8	Carpenter	90.9	
Duggan	94.0	Crawford, H.	90.9	
Wild	93.8	Connors	90.7	
Park	92.5	Crawford, W.	90.3	
Foley	92.2	Greenwood	90.3	
Ferry	92.1	Lamb	89.8	
Lincoln	91.3	Whipple	88.2	
Noyes	91.3	Brennan	87.7	
Ball	91.2	Johnston, E.	87.7	
Alden	91.4			



At it again! Harold Vaughan and ?

The owner of a big plant, addressing a new employee: "Did my foreman tell you what you will have to do?"

"Yes, sir, he told me to wake him up when I see you coming."

—Forbes.

Johnston: "Have you heard that new song about the wheelbarrow?"

Dalton: "No, how does it go?"

Johnston: "You push it."

Open your windows, and don't be afraid of the night air. That's the only kind there is, after the sun goes down.

Irate Housewife: "Ain't you the same man I gave a mince pie to last Christmas?"

Tramp (bitterly): "No, mum, I'm not; and wot's more, the doctor says I never will be."

—El Paso Herald.

Doctor: "If anything comes to worry you, cast it aside—forget it."

Patient: "Thanks, doctor, I'll remember that when your bill comes in!"

—The Humorist.

The Whitin Home Garden Club

"Fresh from the Garden"

SPEAK QUICK! Choice lots are going fast. There will be more gardens this year than ever before, and you will have all the time you want to work them. Remember, every one will be supplied, but you must "speak quick."

All applications must be presented at Burnap's Office by April 15th. After that date, your chance may be gone. Come in with us. Raise your own supply of vegetables. "Fresh from the Garden" is our slogan. MAKE APPLICATION NOW. Membership in the Club will cost you one dollar, and your garden is assured. Books and pamphlets on Gardening, Poultry, Bees, Flowers, Strawberries, and many other subjects can be procured by applying to the Officers of the Club.

J. T. Cahill, Secretary.

As the World Wags

By PHILIP HALE

Objections to "The Star Spangled Banner" come up every year. Friends of those who have written patriotic verses are especially loud in demanding a substitution. Mr. Will U. Takit writes to us with regard to the statements that "The Star Spangled Banner" is hard to sing. It occurs to him that this difficulty would fade away if the refrain were known.

This appears to be the burden of the following verse found in my scrapbook and of unknown origin:

"Oh! say, can you sing, from the start to the end

What so proudly you stand for when orchestras play it,

When the whole congregation, in voices that blend

Strike up the grand tune, and then torture and slay it.

How valiant they shout when they're first starting out,

But 'The dawn's early light' finds them floundering about;

'Tis 'The Star Spangled Banner' they're trying to sing,

But they don't know the verse of the precious brave thing.

Hark 'The twilight's last gleaming' has some of them stopped.

But the valiant survivors press forward serenely,

To 'The ramparts we watched,' when some others are dropped

And the loss of the leaders is manifest keenly.

Then 'The rockets' red glare' gives the bravest a scare,

And there's few left to face 'the bombs bursting in air.'

'Tis a thin line of heroes that manage to save

The last of the verse and the 'Home of the brave.'

—Boston Herald.



Steam Hammer Reflections

BY C. T. BURLIN

When the editor of this very interesting paper told me the other day to write up something about Blacksmiths, I was very much surprised, as the understanding in the first place was that I was going to write all I knew so that I would never have to write any more. I have done so, and thought I was resting on my laurels.

However, he insisted and I agreed with the one provision that there be no salary attached to it. To this he very enthusiastically agreed, saying that that was just what he had thought himself. His enthusiasm on that subject was a little more whole-hearted than I anticipated, so I will get square by putting in some poetry loaned from Clement B. Shaw's translation of Tegner's *Frithiof's Saga*:

KING BELE AND THORNSTEN

"Let might now stand as guard to our nation's door,
And peace unsullied flourish from shore to shore!
The sword is for defense, not for slaying foemen,
And shields were forged as locks for the barns of yeomen.

"Who would oppress his land, were a foolish man,
For kings can only do what their subjects can;
The mountain tree now verdant will fade to-morrow,
If from the earth no moisture its roots may borrow.

* * * * *

"Boast not ancestral glory! Each stands alone;
Canst thou not bend the bow, it is not thine own.
What wouldst thou do with merit that lieth buried?
By their own force the currents of seas are hurried.

"A man of friends bereft, though he yet be strong,
Like oak despoiled of bark, cannot sojourn long!
With friends, he thrives as tree in the forest groweth,
Refreshed by brooks and safe from the storm that bloweth.

* * * * *

"Choose not the friendship first upon thee imposed;
An empty house stands open, the rich is closed.
Choose one; vain quest for others aside be throwing,—
The world doth know, O Halfdan, what three are knowing.

"Great strength is given by heaven; but, Frithiof, know
That power unlinked with wisdom can naught bestow.
A bear with twelve men's strength is by one man mastered;
The shield defeats the sword-thrust,—the law, the dastard.

"The proud is feared by few, but despised by all,
And arrogance, O Frithiof, precedes a fall.
Aloft have many soared now on crutches bending;—
Crops come by weather, fortune the winds are sending.

"Trust not the one-night ice, nor the spring-day snow,
Nor sleeping snake, nor suppliant maiden's vow;
For woman's heart is turned on a wheel that rolleth,
And neath the hue of lily caprice controlleth.

"To thee and thine comes death as the common lot,
But one thing know I, Frithiof, that dieth not:
The self-writ records left by the men who perish;
Choose therefore thou the right, and the noble cherish!"

THE PLAIN OF IDA
"In Gimle the lofty
There shall the hosts
Of the virtuous dwell,
And through ages
Taste of deep gladness."

—Howitt

"Sir, your daughter has promised to become my wife . . ."

"Well, don't come to me for sympathy; you might know something would happen to you, hanging around here five nights a week."

—Honeycomb Briefs.

Mr. Eichenstein returned home from business and found his wife rocking the baby and singing, "By-low, baby, by-low; by-low, baby, by-low—"

"Dot's right, Sarah. You teach him to buy low, and I'll teach him to sell high."

—Everybody's Magazine.

"Say, dad, I got in trouble at school today and it's all your fault. Remember when I asked you how much a million dollars was?"

"Yes, I remember."

"Well, teacher asked me today, and 'helluva lot' isn't the right answer."

James Leitch, one of our fitters in the South, writes us from Roxboro, N. C., enclosing an editorial on North Carolina's roads. Mr. Leitch says that the state's present road-building enterprise, as well as the excellent roads already completed, have been made possible largely by the increase of cotton manufacturing in the South.

"Discussing North Carolina's road-building, H. K. Witherspoon in *North Carolina Commerce and Industry* says that the average layman cannot grasp the magnitude of the road-building enterprise in which the state is now engaged, nor does he realize the investment that the state is making in a network of modern highways. At the present time road and bridgework under contract and construction totals \$39,277,527 and includes a mileage of 1,952 miles. If built in a single stretch, this mileage would extend more than twice across the state, following the route of the Central Highway. Approximately 1,022 miles of this total is being hard surfaced at a cost, in round figures, of \$29,925,000, while 922 miles are being graded and surfaced with sand clay, topsoil or gravel at a cost of \$8,341,000.

" . . . The coming of motor cars and the realization of the thinking people of the state that North Carolina, like a human being, was no better than its arteries, have wrought a marvelous change in conditions. Within a few years this state will have a system of all-the-year-around roads unsurpassed anywhere, the outgrowth of which will be the development to the highest point of the industrial and agricultural resources of North Carolina."

"It is every man's duty," says A. P. Giannini, "to strive to give his children the best possible equipment for life. But to leave millions to young sons is dangerous. Each of us is better for having to make our own money in the world. God meant us to work. Those who don't work never amount to anything. To take from any one the incentive to work is a questionable service."

—American Magazine.

Safety Hints from History "All Fools' Holiday"

Custom dating back to nobody knows when has set aside April 1 as "All Fools' Day." In ancient times every king had a court fool whose job was to enliven the court by his foolish antics. Now, nearly every manufacturing department has at least one fool who keeps the foreman everlastingly on the lookout lest his foolishness result in accident to himself or others.



Probably the stone age fool experimented with a stone hatchet to see if it were harder than someone else's skull. When firearms came into use he looked in the muzzle instead of the breech or pointed it at a friend to see if it were loaded. He's still at it. He also likes to monkey around the business end of a machine to see if it will bite.

Fools range from the plain dumb variety to the purely cussed. Some can be cured if taken early and treated rough. Others are hopeless. They can't be trusted with a rubber razor.

The practical joker is perhaps the worst pest. He never knows that his joke is loaded until the ambulance is called for his victim.

Fools seem to have proverbial luck. Usually it is the other fellow who is the victim of their foolishness. But the fool himself is sure to get the fool killer's axe eventually.

Don't be like the "expert" fool once employed on a construction gang. He had two left hands, his

fingers were all thumbs and his head was merely a knot to keep his spine from unraveling. He got into trouble every time the foreman turned his head and his injuries cost the company a neat sum for compensation and medical treatment. He got the gate one day when the foreman discovered him standing at the rear of a mule trying to braid its tail. The mule would have kicked his brains out but it knew he hadn't any and did not want to crack his hoofs against solid substance.

Two young surveyors working in a Louisiana swamp spied what they at first thought was a hoop snake; but at second glance they saw that two snakes, each with the other's tail in its mouth, were strenuously trying to swallow each other.

On reaching camp that night, they told their snake story to the cook, a gray-haired veteran of the swamps.

"That was a mighty curious sight, boys," said the old man, "a mighty curious sight. I reckon you wouldn't have believed it if you hadn't seen it, would you?"

"Probably not," agreed the boys.

"Well," said the old man, "I didn't see it."

The Ten Commandments of the Boss

1. Don't lie. It wastes my time and yours. I am sure to catch you in the end, and that's the wrong end.

2. Watch your work, not the clock. A long day's work makes a long day short, and a short day's work makes my face long.

3. Give me more than I expect, and I'll pay you more than you expect. I can afford to increase your pay if you increase my profits.

4. You owe so much to yourself that you can't afford to owe anybody else. Keep out of debt or keep out of my place.

5. Dishonesty is never an accident. Good men, like good women, can see temptation when they meet it.

6. Mind your own business and, in time, you'll have a business of your own to mind.

7. Don't do anything which hurts your self-respect.

8. It's none of my business what you do at night. But if dissipation affects what you do the next day and you do half as much as I demand, you'll last half as long as you hoped.

9. Don't tell me what I'd like to hear, but what I ought to hear. I don't want a valet to my vanity, but I need one for my money.

10. Don't kick if I kick. If you're worth while correcting, you're worth while keeping. I don't waste time cutting specks out of rotten apples.

—The Rotarian.



SPINDLE JOB IN 1895

Those now working in the shop are: First row (2) G. E. Barnes, Spindle job, (6) B. R. Sweet, Supt., Office; second row (1) Patrick Murphy, Spindle job, (8) L. W. Kane, Screw job; third row (5) George Peck, Milling job; fourth row (6) George Boutilier, Spindle job, (8) Thomas Fitzpatrick, Spindle job; fifth row (2) Louis Morrell, Spindle job, (3) L. J. Roy, Spindle job, (5) William Austin, Spindle job, (6) William Norberry, Spindle job, (8) Dexter Wood, Spindle job.

Community Gymnasium Notes

Women's Night

A very interesting and enjoyable time, for ladies only, was held at the Whitin Gymnasium on Wednesday evening, March 12th. Miss Calhoun started the program promptly at 7:30 in spite of the contentions of some of the men folks that it couldn't be done.

Community singing led by Miss Alma Houghton, Supervisor of music in the public schools, opened the program. Following this came a play "O'Keefe's Circuit" staged by the Senior girls. Margaret McKaig as "Mr. O'Keefe himself" did most of the talking, and her portrayal of a fussy, flashy boss with lots of "pep" was most commendable. Edith Fullerton as "Maggie" the gum-chewing stenographer fulfilled all expectations, and Linda Birchall as "Bill" the impudent office boy, provided no little fun. Lucia Bates and Alice Magill as "Mose" and "Charlie" in a colored song and dance were obliged to repeat their stunt. Elizabeth McCrea as "Spirituella" a fake spiritualistic medium, communed with the spirit of her dead canary, and brought forth many amusing local anecdotes and jokes which evoked round after round of laughter. Miss Lillian Cederholm sang "Long, Long Ago," and Doris Aldrich in a ludicrous costume recited a number in Swedish dialect. Catherine Munt, "The Deacon" who appeared with Lily Bogie as "His Wife," was most realistically "vamped" by Mary Cook who appeared as Ruth Sandy Knee, a dancer. Helen Cotter in a Spanish Costume sang "The World is Waiting for the Sunrise." Her number was well received. Evelyn Flinton with her light bobbed hair, and Helen Gellatly with her dark bobbed hair were most captivating as "The Hippy Hoppity Twins" in an Irish jig. Mildred Sylvester "did her stuff" as piano accompanist for the crowd.

After another round of community singing, featured by an impromptu orchestra in Italian costume, which, with the aid of dish pans, rolling pins, sweet potato whistles, shovels, etc., rendered "O Solo Mio," and "Santa Lucia," the Senior women put on a play called "Patsy."

Mrs. Hall as Nita Farrell was particularly good, and Mrs. Marshall as "Patsy" the Irish maid provided a great many laughs. Mrs. Redman who took the part of "Aunt Lu" did the coaching for this play and great credit is due her for its success.

To close the festivities, a series of volley ball games was played between the Senior girls and the Senior women, the latter winning two out of the three contests.

April Twenty-third

O'Leary's Orchestra which made such a decidedly fine impression in February will be the attraction at the big Easter Wednesday dance to be held April 23rd. The orchestra has consented to give one or two extra concert numbers preceding the dancing and sometime during the evening. The regular prices will be charged.

April Thirtieth

Dr. Denis McCarthy who was to have lectured at the building on March 19th will be with us April 30th instead. Dr. McCarthy is so well known that it is hardly necessary to speak of his splendid readings, and those who are fortunate enough to be able to attend his lecture, will feel amply repaid for so doing. It is not often that a man of his calibre is heard in Whitinsville. His lectures are totally different from those given by the ordinary platform speaker, being helpful, entertaining and instructive, and given by a man who has a keen insight into human nature.

Girls' Basketball

The girls played their first home basketball game of the season on Saturday, February 23, as a preliminary to the local team's second game with the Inter Nos Club of Providence. Many of the spectators had never seen a girls' basketball game before and the floor regulations and the different girls' rules was sometimes confusing to them. Our girls came out on top, defeating the Worcester Girls' Club by a 29 to 19 score.

The girls' third game was played in our gymnasium on Wednesday evening, February 27th with girls

from the Worcester Post Business Institute as their opponents. In spite of the fact that the Northbridge High School was playing a championship game with Oxford High School on the same night, there was quite a large crowd who gathered at the gymnasium to watch the girls play. In what appeared to be a rather rough game, the girls from the Institute were defeated 26 to 7.

On Friday evening, March 7th, the local girls journeyed to Worcester and again took the Worcester Girls' Club into camp to the tune of 25 to 21. During the intermission between halves, a party of four arrived from Whitinsville, and they claim that their presence and "wise cracks" were responsible for the three baskets that were dropped in in rapid succession during the last few minutes of play, and they accept full credit for winning the game.

As a preliminary to the game of W. C. A. against the Clark College Seconds, played on Saturday evening, March 15th, the local girls' team lined up against the Wickwire-Spencer girls. In a nip and tuck battle, the game ended 16 to 16, and the referee disappointed the gallery by announcing that the league rules forbid the girls from playing off tie games.

Edith Fullerton, the popular and dashing center on the girls' team is leaving shortly to take up training as a nurse at the Children's hospital in Boston. The girls gave her a farewell shower on Saturday evening, March 8th, and she received many very lovely gifts. About 20 girls attended the affair.

Big Circus Coming To Whitinsville

On May 9th and 10th, the Whitin Memorial Gymnasium will be the scene of one of the largest and best circuses that has ever come to Whitinsville. The committee is hard at work, and with the apparent local talent, it is expected that a show will be staged which will provide no end of fun for the participants and an amusing spectacle which the townspeople will be more than willing to support.

Basketball

The Whitinsville Community Association basketball team closed its season on Saturday, March 22, by defeating Osgood Bradley, runners up for the Industrial Championship of Worcester, by the score of 38 to 16.

On the same evening the W. C. A. Seconds, who have been kidding the fans all year, ran away from the Milford Y. M. C. A. and defeated them by the score of 64 to 18—the highest score that has yet been made on the home court.

The following is a brief review of the season:

W. C. A.	34	Lynn Y. M. C. A. Reserves	27
W. C. A.	31	Rockdale	25
W. C. A.	26	Cambridge Y. M. C. A. Res.	19
W. C. A.	24	Worcester Boys' Club	25
W. C. A.	22	Crompton & Knowles	24
W. C. A.	23	Uxbridge Community H.	14
W. C. A.	17	Worcester Y. M. C. A.	29
W. C. A.	43	Millville	19
W. C. A.	25	Osgood Bradley	23
W. C. A.	36	Springfield College 2nd	50
W. C. A.	20	Cambridge Reserves	33
W. C. A.	26	Worcester Boys' Club	59
W. C. A.	12	Whittals	24
W. C. A.	44	Inter Nos Club	18
W. C. A.	28	Pawtucket Boys' Club	24
W. C. A.	47	Knights of Lithuania	42
W. C. A.	14	Clark College Seconds	20
W. C. A.	38	Osgood Bradley	16

510

491

At a meeting of the basketball squad at Mr. Malette's home, on Saturday afternoon, March 22. Edward Ballard, star guard of this year's team, was chosen to captain the squad next year. In appreciation of Mr. Malette's services as coach, the members of the squad presented him with a smoking jacket. Mr. Brines announced that all the members of the present squad, including Everett Johnston, would be awarded a white sweater with a Whitin Community emblem. Mr. Everett Johnston will manage the team next year. A light luncheon of sandwiches, cake and coffee was served, and the memory of Mrs. Malette's chocolate cake still lingers on the palates of those who thoroughly appreciate good cake.

General singing and "wise cracks" made up the rest of the program. When it was announced that Edward Ballard had been elected captain for the following year, "Bill" Smith informed the boys that everyone present had had his last ride in his car.



NORTHBRIDGE HIGH SCHOOL BASKETBALL TEAM

Front row, left to right: Timothy Horan, Capt. Henry Lawton, William Kearnan, Manager John Deeks.
Back row, left to right: John Trinnier, Brendon Cahill, Francis Gow, and Burnham Bigelow.

The Northbridge High School Basketball Team, pictured above, came within one game of winning the High School Championship of the Southern Worcester County League. Their only League defeat of the season was in a final game at Oxford, when the Oxford boys defeated them by the decisive score of 47 to 29. George Ray of the Electrical Department is their coach.

Didn't Believe in Self Service

A visitor from abroad who had never been in a self-service restaurant was advised by a friend to try a cafeteria for lunch, says a writer in *National Hotel Review*. Accordingly he entered the place that was pointed out to him, seated himself at a table and waited for a waiter to take his order. After he had been sitting there for about twenty minutes one of the bus boys noted his plight and directed him as to the manner of securing tray, napkin and silver, after which he joined the line in front of the serving counters. As he was about to carry his tray to a convenient table he was accosted by the cashier, who demanded payment in advance for the food he had taken.

In relating his experience to Mr. Daschner that evening he wound up

with: "But ze American restaurant man—he ees not so wise. I do—vat you call eet—I put one over on heem."

"How did you do that?" queried Mr. Daschner. "You had already paid, hadn't you?"

"Yes, I pay," chuckled the man from abroad. "But I slip out very quietly and did not wash ze deeshes!"

In the feature section of the *Providence Journal* for Sunday, March 23, almost a half page is devoted to a picture and a most interesting discussion of our fifty-veterans.

"Half a century of continuous work," says the writer by way of introduction, "in one establishment is—even in an individual case—a record of note. Few shops can boast of more than one, or at best a very small group, who have achieved the distinction. But up in Whitinsville, Mass., it is commonplace.

"In the plant of the Whitin Machine Works there are so many employees who have exceeded 50 years on their jobs, that were they organized into a social club, they would be one of the leading organizations. These veterans of continuous industry have established for the company a record which is believed to be unmatched in the annals of American manufacturing."



A DINNER

(Contributed by Yelle
Hooyenga)

Host: "Why don't you eat your meat?"

Guest: "It's too hot, yet."

Host: "Well, then, why don't you blow on it?"

Guest: "I would, but I'm afraid I'll blow it away!"

Louis R. Veau of the Foundry, received the following interesting letter from O. W. Smith, Angling Editor of *Outdoor Life*, a popular sporting magazine:

March 7th, 1924.

Mr. Louis R. Veau,
Whitinsville, Mass.

My dear Sir:

I have your good letter of recent date, together with trade picture-paper.

I certainly am surprised you have such good fishing in old Mass., and it speaks volumes for your conservation officers. Judging from the pictures in the trade paper you have better ice-fishing than we do in the West. Unless the Middle West States awaken they are going to be sans fish, sans game, sans trees, sans everything of an outdoor nature. I certainly appreciate the encouragement your letter and paper brings. I am wondering if you are wise to allow winter fishing at all.

Very truly,
(Signed) O. W. Smith.

Vassel Baker on Lucien Barnes' job has received a letter stating that he must give up his girl or chewing tobacco. Evidently he preferred the girl, because the boys tell us, that he has stopped "bumming" tobacco.

Edward Jacobson, a member of the Tin Shop, brought us in a couple of hens' eggs which measured an inch by three-quarters of an inch in diameter. At first we thought Ed was showing us some pigeons' eggs, but he swears by the fact that they were found in the nests in his hen coop, which during this time of the year are pigeon proof. Mr. Jacobson lives at 67 Border Street, and has a flock of thirty-five hens.

We have shown in the past the largest eggs produced by our many hen fanciers, and these two are by all means the smallest.



Paul Ockzousian

We were sorry to hear of the death of Paul Ockzousian who for the past five years had been fighting a hard battle against tuberculosis at the Lakeville State Sanitarium, Middleboro, Mass. He was born in Armenia in 1892 and worked for the Whitin Machine Works for about ten years, being employed during that time on the Needle job and in the Tin Shop. Mr. Ockzousian was unable to rise from his bed during the last three and one-half years, but was a very cheerful patient. The funeral was held from the Armenian Club Rooms here in Whitinsville, Saturday, March 15.

The famous Dodge car of the Blacksmith Shop sank for the third time in the flood at Plummers, on Sunday, March 9. Its owner, Al Porter, who has recently passed the Red Cross Life Saving test in the new gymnasium, showed his rare ability by reviving the patient and from the last reports from the temporary hospital located in his garage, the patient is now off the dangerous list.

John Heys of the Spinning erecting floor has a new spring lock device on the office door which he will be glad to demonstrate. The only stipulation is that whoever has the demonstration will kindly hold the key to the door during the performance. There are apt to be a few difficulties involved in case the key is left in the office, as happened recently during the preliminary demonstration.

Charles Stuart, foreman of the Metal Pattern job, has nothing but praise for the results accomplished in the Whitin Gymnasium during the winter months in the class of which he is a member. However, in demonstrating the exercises to a few of his friends at the Pythian Hall, he found that getting out from underneath the chairs is not quite as gracefully accomplished as when the floor is cleared for action.

The Whitinsville fox hunters have had a very interesting season, although in some cases it has not been as profitable as hoped for. Billy Britton of the Electrical Department, who has been hunting this season with his father Robert Britton, and Leon Wood, brought us in some photographs showing some unusual results. The two faithful dogs should get some credit for these pelts, and Robert Britton, 2nd, who acted as mascot, also come in for his share of the prize. The results of the catch were as follows: William Britton, 4 pelts; Robert Britton, 2 pelts; Leon Wood, 2 pelts.



Above: Robert Britton, Foreman of Screw Job, and below, his son, William Britton, of Electrical Department.

Fred Clough Resigns

Fred Clough, foreman of the Electrical job, has recently resigned to take up new duties with the New England Power Company at Davis Bridge, Vt., where he will be stationed as electrical mechanic at the new power station.

Mr. Clough joined the Whitin Machine Works in November, 1908, and worked on the Roll job as a lathe hand, and was later transferred to the freight department where he was put in charge of the newly formed Cutting-off job.

In February, 1910, he returned to Maine and for five years was chief operator at the Hydro-Electric Station of the Hollingsworth & Whitney Paper Company at Waterville, Me.

In December, 1915, he was re-employed at the Whitin Machine Works as assistant to Harry Hazelton, foreman of the Electrical Department. Mr. Hazelton resigned in September, 1919, at which time Mr. Clough was appointed foreman of the department. Mr. Clough has made many friends in the Whitin Machine Works and they are all very sorry to have him leave.

The members of the Electrical Department presented him with a Waltham watch and chain.

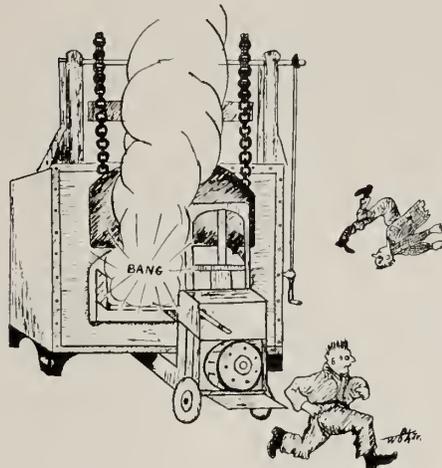


A new artist in the person of Curtis Fitzgerald of the Foundry, has been discovered. The above pen and ink sketch is one of several specimens of his drawings which were submitted to the SPINDLE.

What do they mean?

News item from *The Shuttle*, La-Grange, Georgia:

A lot of the young people from here were out kodaking Sunday evening.



THE CHARGE OF THE FLASHLIGHT BRIGADE

Mr. Paul Weber, a photographer from Boston, with Martin Carpenter and Benny Leonard of the Employment Department, recently went through the shop to take flash-light photographs of the different jobs. All during the tour and especially while they were "pouring-off" in the Foundry, the flash-light powders were handled very gingerly and the utmost precaution was taken to guard against any possibility of their being ignited from sparks from the molten iron.

Everything went nicely until the new Annealing room was reached. Here with his usual precaution, Carpenter placed the powders on top of a pile of castings in the farthest corner of the room, as far away from the furnaces as he could possibly get. They interrupted the work of the electric truckman for a few moments while they took a picture of him removing a charge from one of the new electric annealing furnaces. When the picture was taken the truckman continued to re-charge the furnace with the help of his electric truck. Suddenly there came a sharp report and from the half-open door of the furnace there issued huge volumes of white smoke which completely filled the whole room.

At first it was not known what had happened, but when Mr. Carpenter looked for his flash-light powders, he discovered that the castings on which he had left them had been put into the furnace.

The eternal triangle may be likened to a chess game—a king, a queen and knight without the aid of a bishop.

The Return of the Prodigal Sons

On Tuesday night, March 11, during the worst part of the recent blizzard, Harold Vaughn and Newell Wallace, both of the Production Department, together with Charles MacKinnon, night watchman, and William Smith of Stoddard Avenue, Plummers, left Whitinsville about 7.15 to go to Manchaug to see a basketball game. When they reached Manchaug about 8.10, they found the entire town without lights and the basketball game called off on account of darkness.

Leaving Manchaug, they decided to go home through Sutton and Millbury. At the foot of Putnam Hill in Sutton, they got stuck in a snow drift, and although they put on chains and shovelled snow for almost an hour, they were unable to get through. "Moco" Vaughn in a desperate effort to help out, got behind the car and began to push. "Bill" Smith was at the wheel and as the car sputtered forward a few feet, "Moco" measured his length in the slush.



Finally they gave it up as a bad job and went to a nearby farmhouse and asked for lodging for the night. The Polish inmates were most hospitable, and provided for the "orphans of the storm" two mattresses, one white man's blanket, and one horse blanket. In the toss up, "Mac" and "Smitty" won the horse blanket, while "Moco" and "Pee Wee" Wallace gathered themselves under the folds of the white man's blanket.

"Smitty" to insure his share of the horse blanket, slept with his fingers through the rings provided for the harness, and lulled by the fragrant aroma of their covering, fell peace-

fully to sleep dreaming of the old farm.

At 5:45 they were aroused from their slumbers by the Polish Barn-Yard Symphony Orchestra. After hastily donning their clothes (one pair of shoes apiece), they paid the farmer for their night's lodging and again stepped out into the blizzard.

Abandoning the car which was then almost hidden in snow, "Moco" broke the trail back to Manchaug. Upon reaching this "city of the unburied dead," they aroused the keeper of the local dog-cart and compelled him to prepare them a goodly breakfast of ham, eggs, and beans.

With their spirits thus rejuvenated, they came in unto the city of East Douglas, where they were able to get into telephone communication with America. After a brief rest, they again "hit the trail" and reached their native habitat around 11:30. When their parents saw them, they ran and fell on their necks, and wept.



Another freak egg was brought in by Paul Kmiotek who was recently laid off on the Roll job. This egg has the semblance of a summer squash and is very small in size, being about the size of a bantam hen's egg. Paul has twelve hens which he keeps on his place near Craggy Peak, Plummers section.

The small egg above is referred to on page 14, column 2.

Educational Advantages at Harvard

Headlines from the *Worcester Daily Telegram*:

HARVARD YOUTH WINS COUNTY EGG-LAYING CONTEST

Bert Hill of the Foundry is getting out his fishing outfit and is going to look it over in preparation for the coming season. We hope that his rheumatism does not return this year because he knows too many good fishing spots.



Tony Marteka who works on the Roll job, tells us that he used to be a coal miner. In the above picture, indicated by an arrow, we find Tony in his mining outfit. The Victor Mine where Tony worked was a mile and a half below the surface. Some of the other mines of this group which is known as the Russell Mines were three miles down. Tony was obliged to mine coal in a space 2 feet 8 inches high, and 30 feet wide. During the war, Tony earned \$20 a week for short time, and sometimes over \$100 a week with overtime, but out of his earnings was obliged to purchase his own tools and dynamite which consumed about 25% of his wages.

"Ray" Meader of the Foundry has been drawn for the grand jury for the spring term of the Federal Court at Boston.

W. P. Montgomery of the Production Department established a new high three string record on Friday, February 15th at the Rockdale Allies when he rolled a three string total of 370, consisting of individual strings of 127, 121, and 122. The former record was 352.

A large oil furnace and core oven is being installed in the core room. One of the old style coal ovens will be removed to make room for the new oven.

Frank Shugrue of the Foundry will be glad to show his samples of clothing to any one desiring a suit. He is local agent for the Style Center suits. His prices are \$31.50, and \$49.50. The fit is guaranteed.

Pete Saragian of Charlie Stuart's job and Walter Flinton of Welch's job started out one evening to keep a date in Worcester. They got on the street car at New Village, and intended to get off at the garage and use Pete's machine for the rest of the trip. However, during the brief trolley ride, Pete showed Flinton one of his love letters, and it was so interesting that they both had to walk back to the garage from Memorial square.

Uncle Jack: "It is very good lemonade, I'm sure, but tell me, Bonnie, why do you sell yours for three cents a glass when Charley gets five for his?"

Miss Bonnie: "Well, you mustn't tell anybody, Uncle Jack, but the puppy fell in mine and I thought it ought to be cheaper."

"Mamma, are peaches good canned up?"

"Yes, dear."

"Would the new maid be good canned?"

"Of course not. Why ask such foolish questions?"

"Because I heard papa tell her she was a peach."

"Ah! then she shall immediately be canned."

Indiscretion in public office, which leads to the questionable association of private interests with the interests of the nation, may command as great a penalty as downright dishonesty. There are men involved in the investigation of oil leases who are known to be honest, able men. Their friends cannot doubt that. But men in public life sometimes have to pay a high price for not thinking things through.



The
WHITIN
Spindle



His Majesty's Ship Pinafore at Picnic Point, Whitinsville

MAY - JUNE
1924
Vol. 5 No. 8



THE PRINCIPALS IN PINAFORE

Eugene Beaudry as Dick Deadeye; Mrs. Dyson Barker as Little Buttercup, William Donlon as Capt. Corcoran; Mrs. Hildegard Lasell Watson as Josephine; Moses J. Brines as Ralph Rackshaw; Edward Dwyer as the Rt. Hon. Sir Joseph Porter, Miss Sarah Hopkinson as Hebe, and David Gellatly as Tom Tucker.

Comic Opera Pinafore Presented by Local Singers

"His Majesty's Ship Pinafore" written by the famous composers Gilbert & Sullivan, was presented in Whitinsville by an entire local cast, on the afternoon and evening of May 31, and on the evenings of June 2 and 3, at Picnic Point.

This production, without doubt, surpassed any entertainment, either musical or dramatic, that has ever been staged in the Town of Northbridge. Those who attended the "Whitinsville Follies" in December were very much impressed with the talent which it was possible to obtain here in town. Everyone was more than pleased with the result, but the staging of "Pinafore" was another great step forward.

To Mrs. Chester W. Lasell the greatest credit must be given, for it was under her personal direction that the cast was brought together; that the remarkable ship on which the play was staged was built, and the orchestra of local talent was formed.

The ship "Pinafore" was built to specifications by the members of the



The Hornpipe Dancers

carpenter shop of the Whitin Machine Works, as also was the auditorium platform on which it was possible to seat approximately 1500 people. The electrical department comes in for its share of praise for the efficient work in lighting the ship and the entire grounds.

We are glad to print herewith a short article about the play as written by Mrs. Lasell.

"The voyage of H. M. S. Pinafore was not all roses, but she was manned by one hundred heroes and heroines and cast anchor amid safe rejoicing.

"The two pilots, Mr. Torrens with his baton and Mr. Leigh with his rouge pot and his despairing cry of—'Ladies, ladies', kept her off the reefs of the lower Mumford. Besides, the men who laid her keel did it so solidly, and she was so magnificently painted and lighted, and the band played so well, and the police along the coast were so extraordinarily efficient. In fact, not only was there splendid cooperation in the cast, but each and every one who had anything whatsoever to do with the performance showed the deepest interest and happiest ability in the work."

"The best amateur performance of Pinafore ever given" said the critics from Boston, Worcester and Providence, and we know they were

sincere because they said it not only to us but to people who had no hand in the show. Also we rather agree with them.

"A little timely sunshine would have doubled our gate receipts and enabled us to give to the Hospital and the Village Relief. But just think what we *have* accomplished in spite of the weather and in spite of the expense of the ship and the grandstand, an expense equal to that of building a new theater for one play.

"There has been a rumor that these entertainments were largely subsidized. This was not true of the 'Follies' which each time cleared about \$500, or this entertainment which was so handicapped by the continued postponement due to bad weather, that although our receipts were approximately three thousand dollars, showing marked appreciation of the splendid performance, it will not be sufficient to cover the entire expense involved.

"We want this cast not to break up, but to organize and form charter members of 'The Musical and Dramatic Society', open to all who have something to express and the gift of expressing it; a society without dues, but with the genuine spirit of cooperation—no outcome of Pinafore could be finer."



Mrs. Chester W. Lasell under whose direction the opera was given



A Group of Sailors

Cast of
H. M. S.
Pinafore

The Rt. Hon. Sir Joseph Porter, K. C. B.,
First Lord of the Admiralty
Mr. Edward Dwyer
Capt. Corcoran, Commanding H. M. S.
Pinafore, Mr. Wm. Donlon
Ralph Rackstraw, Able Seaman,
Mr. Moses J. Brines
Dick Deadeye, Able Seaman,
Mr. Eugene Beaudry
Bill Bobstay, Boatswain's Mate,
Mr. Harry Whittaker
Bob Becket, Carpenter's Mate,
Mr. William Spratt
Tom Tucker, The Midshipmite,
Mr. David Gellatly
Josephine, The Captain's Daughter,
Mrs. Hildegard Lasell Watson
Hebe, Sir Joseph's First Cousin,
Miss Sarah Hopkinson
Little Buttercup, A Portsmouth Bumboat
Woman Mrs. Dyson Barker

CHORUS

Doris Aldrich	Katherine Walsh
Edyth Ashworth	Arthur Adams
Florence Baldwin	Charles Adams
Mrs. Dyson Barker	James Ashworth
Lucia Bates	Ernest Ballard
Mrs. Andrew Baird	Raymond Bazinet
Mrs. Merwin Brown	Eugene Beaudry
Lily Bogie	Moses J. Brines
Lillian Cederholm	Henry Bouvier
Helen Cotter	Irving Dalton
Jane Currie	William Donlon
Marion Currie	Edward Dwyer
Eva Feen	David Gellatly
Mrs. T. G. Flagg	Harry Jackson
Mrs. Kirby Hall	Edward Kane
Belle Hamilton	George Kane
Alma Holton	George R. Kay
Sarah Hopkinson	Albert Kidd
Gladys Hyde	William Larmour
Ethel Kenney	R. W. Larmour
Blanche Lescoe	Robert Marshall
Alice Magill	William McGoey
Marjorie Meader	James McRoberts
Mrs. Harry Moore	Robert Morey
Mrs. Harold Oakes	Edward Nuttall
Gwendolyn Searles	Albert Porter
Geraldine Searles	Thomas Roche
Grace Smith	Charles Paine
Marion Smith	William Spratt
Mrs. William Spencer	Harry Whittaker
Ruth Stewart	

Mrs. Hildegard Lasell Watson

THE ORCHESTRA

Raymond Adams	Grace Kizirbohosian
Ira Bates	John Lasell
Merwin Brown	Harmon Nelson
Siguard Helland	Mrs. Harmon Nelson
Orlando Holland	John Pichette
Harry L. MaLette	George Thompson
William Kearnan	Miss Holton
	Mrs. Brines

HORNPIPE DANCERS

Agnes Hackett	Catherine Gellatly
Helen Gellatly	David Gellatly
Evelyn Flinton	Muriel Barker
	Margaret Gellatly

SAILORS WHO DRESS THE SHIP

Harry Lees, Walling Kuekan, David Magill,
Oscar Martin, Francis Fredette, Benj.
Hall, James R. Clarke, Robt. Clark, Kenneth
Liberty, Joseph Pelier, Wm. Kearnan,
Edward Birchall, Geo. Dyer, Wm. Baines,
Albert Kelly, Arthur Fullerton, Edw. Kear-
nan, Robert Henson, Raymond Fullerton,
Philip Kuekan, Norman Reed, Harold
Adams, Everett Johnston.

You Can't Prove It by Us

Sometimes the English language might just as well be Chinese or ancient Egyptian, as far as we are concerned. Dr. E. W. Balmer showed us a clipping from a medical journal which we don't doubt he has been digesting as easily as if it were a third grade primer. For your own interest we suggest you at least glance over the following paragraph.

"In February, 1922, (1), I had the opportunity of reading a paper before the Philadelphia Neurological Society, embodying my preliminary observations with those of a number of other physicians, on the non-narcotic, hypno-analgesic drug, allonal, representing a chemical combination of a new hypnotic, allyl-isopropyl-barbituric acid, and the analgesic element, phenyl-dimethyl-dimethyl-amino-pyrazolon (amidopyrin). Actuated by the promise of therapeutic value in the field of neurology which first experiences with allonal indicated, among them the results obtained during the spring and summer of 1921, by Dercum, reported by Gilpin (2), in a case of a malignant growth involving the cauda equina, associated with considerable pain which had resisted even morphine, I presented some observations on it before the society."



They Arrived with Sir Joseph's Party



Richard Donovan

Veteran of Sixty-One Years' Service

Our oldest employee in length of service, Richard Donovan, died in the latter part of May, at his home on High Street. He commenced work in the Whitin Machine Works in 1863, sixty-one years ago, and started his apprenticeship in the foundry at the rate of 62 cents a day. He was a moulder for fifty years. After that he was a member of the core room until his retirement about a year ago. We extend our sympathy to the members of his family.

Presented Forty-Year Pin

Thomas Drohan of the Foundry became a member of the forty-year veterans in the month of April. For almost thirty-five years he has been employed as a moulder. His first job in the Whitin Machine Works was with Lloyd Smith where he started as a filer boy. After a year and six months he was placed on the Loom job under Malcom Burbank, and six months later was transferred to the Milling job under Leslie Wade. He was employed there for two years. He was next placed at work on the core bench where he made cores for three years and then started as an apprentice in the foundry. The members of the shop and foundry extend their congratulations to Mr. Drohan on his service record.

The members of the Cylinder job are sorry to lose the daily presence of Jeremiah Connors, who was recently placed on the retired list, after a service record of fifty-six years in the Whitin Machine Works. Mr. Connors has recently recovered from a slight heart attack and he has decided to take it easy for a while at least, rather than to attend his usual duties.

We were sorry to hear of the sickness of Thomas Gorman, a member of the Spinning job. Mr. Gorman started in the Whitin Machine Works in 1864, and except for a period of twenty years, during which time he served as postmaster in Whitinsville, he has been steadily employed in the Whitin Machine Works. Mr. Gorman, this month, received a forty-year pin, in recognition of this long period of employment.

John Marshall of the Bolster job is another of the forty-year service veterans since the last Spindle went to press. His forty years terminated May 24. Mr. Marshall has a unique record in that he has always been a member of the Bolster job. When he first came to work the department was located where the large Tool job is at present, and later it was moved to the room occupied by the Service Department. Upon the completion of the west wing of the same building the Bolster job was moved to its present place. His work has been mainly connected with the polishing and grinding of bolster cases.



John Marshall Completes Forty Years' Service



James Rankin

Fifty-Six Years with Whitin Machine Works

Another of our fifty-year veterans, James Rankin, was lost to us by death, on Friday, May 16. He was a member of the Whitin Machine Works for fifty-six years. Previous to that time he worked for nine years in the old cotton mill where the power house now stands. A large part of his service in the shop was spent on the Spinning job, from which he was retired within a year on account of ill health. We are indeed sorry to lose some of the old guard of the Whitin Machine Works, and extend our sympathy to the relatives of Mr. Rankin, of whom there are many working for us today.

Is Recognized as a Forty-Year Veteran

A forty-year service pin was presented to Jeremiah Haggerty of the Core Room who completed this term of continuous service in the shop on May 1, 1884. Mr. Haggerty started in the Whitin Machine Works for Mr. Regan in the Cast Iron Room and worked there for about two years when he was transferred to Joshua Dale on Looms. He was there for three or four years when he was transferred to the Foundry as a helper. A few years later he learned the moulding trade and was employed continuously at that work until 1917, when he was transferred to the core bench.

Whitinsville Circus

The spring is the great season of the Circus, and Whitinsville has had its Circus week-end without perhaps the thrill of watching the arrival over the road of the animal trains and the great tents. The youth of America in the great majority of the small towns have for many years looked forward to Circus day.

The Circus in Whitinsville was staged in the Geo. Marston Whitin Community Building and was put on by members of the association, 154 of whom took part. On Thursday evening, May 8, at 6.30 P. M., there started from the building a circus parade which was the delight of many of the older people as well as the children of the village.

Following the parade one had the pleasure of attending the side shows and witnessing the Circus acts as carried on in the ring in the main auditorium. With all this was the usual array of clowns, bally-hoo men and fakers.

On Friday afternoon a special performance was put on for the children, the final show being staged on Saturday night. The feature animals of the Circus were the elephant, giraffe and ostrich.

Other good features were the excellent advertising posters and the circus wagons, which were prepared by W. O. Halpin. The Committee responsible for the success of the Circus was composed of Albin Nelson, James Clark, W. O. Halpin, Mrs. Chester Lamb, Edward Driscoll, C. S. Snow, Miss Ruth Calhoun, Harry MaLette and M. J. Brines.

Those who took part were:

COMEDY TUMBLING ACT

Peter Houghton	Gordon Goode
William Smith	Charles Harriman
Arthur Ashworth	Robert Stewart

ELEPHANTS

Ralph Smith	Kenneth Liberty
	Lewis Brown

PROPERTY MAN

Robert Marshall, Sr.

GIRAFFE

Robert Marshall, Jr.

CLOWNS

Harold Vaughan	Joseph Hetherington
Newell Wallace	John Trinnier
	James Ashworth

OSTRICH

Jack Brines

AMBULANCE

James Houghton	Chester Lamb
----------------	--------------

COWBOYS, INDIANS, MONKEYS

William Greenwood, Jr.	Adam Davidson
George Talbot, Jr.	Paul Devlin
Bernard Kennedy	Elmer Connors
Gordon Spence	Geoffrey Gough
Merrill Jenkins	Walter White
James Bollivar	Howard Riley

David Magill
William Taft
Elmer Schoneman
Robert Schoneman

Harry Drinkwater
Edward Carroll
Arthur Broadhurst
Bert Tashjian
Charles Devlin

ELEPHANT TRAINER

Thomas Colthart

PIANIST

Mrs. Mildred Sylvester



CIRCUS SIDE SHOW

Left to right: Mrs. Chester Wood, Miss Helen Cotter, James Davidson, Earl Wood, James Hayes, Harley Keeler

ENTRANCE TO SIDE SHOW

James Clark and William O. Halpin, Barkers
A few of the clowns and performers

- RUBE COUPLE**
 Ruth Stewart Lily Bogie
- INDIAN DANCERS**
 Marjorie Meader Doris Aldrich
 Alice Currie Bertha Bohanan
 Lynda Birchall Mrs. Merwin Brown
 Evelyn Flinton Agnes Hackett
 Nellie Vail Elaine Brown
 Eva Feen Lucia Bates
- GIRL CLOWNS**
 Mrs. Eva Magill Florence Baldwin
 Mrs. Charlotte Hall Belle Smith
 Gwendolyn Searles Mrs. Edyth Casey
 Geraldine Searles Margaret Wood
- RING MASTER**
 M. J. Brines
- BEARS AND MONKEYS ANIMAL ACT**
 Mrs. Grace Cotter Mrs. John Spencer
 Mrs. Annie Carville Marion Gallotte
- SIDE SHOW**
 Helen Cotter Mrs. Harriet Wood
- ITALIAN STREET BAND**
 Alma Holton Mrs. Clara Owen
 Mary L. Shaw Margaret Love
 Grace Hodgdon Catherine Cheney
 Ivy Vinton
- TICKET SELLERS AND TAKERS**
 Mildred Gay Dorothy Vander Schaa
 Esther Hallowell Gladys Hanny
 Isabel Hamilton Mary Britton
 George Deeks
- BOOTH SUPERVISORS**
 Harold Firth William Scott
 Arthur Fullerton Harry Barlow
 Marion Wood James Colthart
 Mike Jackman William McGoey
 Tom Colthart Henry Johnston
 Linden Scott Arthur Marien
 Harold Johnston Robert Keeler
 Clinton Paine Ernest Hill
- SIDE SHOW**
 William Kearnan, Jr. James Hayes
 Francis Haggerty Harley Keeler, Jr.
 Leonard Hinchliffe Earle Wood
 Gordon McGuinness James Davidson
- BOOTH SUPERVISORS**
 Henry Crawford Andrew McKaig
 Thomas Roche
- CIRCUS COMMITTEE**
 Albin Nelson Edward Driscoll
 James Clarke Robert Brown, 2nd
 William Halpin Charles Snow
 Mrs. Chester Lamb Philip Walker
 Ruth Calhoun John Lasell
 Katherine Munt
- ANIMAL CONSTRUCTION**
 Samuel Currie Robert Henson
 Mrs. Tabor
- BAND**
 George Riley Wilfred Booth
 Fred Martin Arthur Wentworth
 Harmon Nelson Robert Metcalf
 Joseph Blatt John Baker
 Raymond Adams William Noble
 Chris Kane, Sr. James Brown
 Geo. Kane Vance Butterfield
 Roscoe Stevens R. H. Barlow
- Ralph Wood Harold Andrews
 William Walsh Francis Horan
 T. O'Connell
- Katherine Walsh Elizabeth McCrea
 Mrs. Aaron Adams Mrs. Eva Hickox
 Margaret Marshall Mrs. Gertrude Horner
 Yvonne Letourneau

- P. M.—INTERMEDIATE BOYS**
 2.00 to 3.00 Class for non-swimmers
 3.00 to 4.00 Class for swimmers
 5.00 to 6.00 Free swimming for senior men
- NIGHT—SENIOR GIRLS AND WOMEN**
 7.00 to 8.00 Class for non-swimmers
 8.00 to 9.00 Class for swimmers

- TUESDAY AND FRIDAY**
- A. M.—JUNIOR GIRLS**
 9.30 to 10.30 Class for non-swimmers
 10.30 to 11.30 Class for swimmers
- P. M.—INTERMEDIATE GIRLS**
 2.00 to 3.00 Class for non-swimmers
 3.00 to 4.00 Class for swimmers
 5.00 to 6.00 Senior girls life saving tests

- NIGHT—SENIOR MEN**
 7.00 to 8.00 Class for swimmers
 8.00 to 9.00 Class in life saving

- WEDNESDAY—LIFE SAVING TESTS**
- A. M.—JUNIORS**
 9.00 to 10.30 Girls
 10.30 to 12.00 Boys
- P. M.—2.30 to 3.00 Senior Women**
 3.30 to 4.00 Children under 9 yrs. will be allowed in pool for 1/2 hour, once a week, provided they are accompanied by their mother or someone else who is directly responsible for them, who must also enter pool with child.

- SATURDAY**
 No organized classes for instruction will be held on this day, but the following hours will be set aside for free swimming.
- A. M.—9.00 to 9.45 Junior Boys**
 9.45 to 10.30 Junior Girls
 10.30 to 11.15 Intermediate Girls
 11.15 to 12.00 Intermediate Boys
- P. M.—2.30 to 4.00 Senior women and girls**
 4.00 to 5.30 Senior men

Service Pins to be Awarded in the Month of July

- Amos Allard *30-Year Pins* J. H. Brown
 C. T. Moffett
- Joseph Rasco *25-Year Pins* O. Nigohosian
- 15-Year Pins*
 Samuel Ashworth Belle Hamilton
 Gilbert Harwood George Leech
 Abraham Lightbown Louis Vincent
- 5-Year Pins*
 James Barr Eli Belanger
 Arthur Bisson George Burns
 Charles Coombs John Corrigan
 Emmet Cronin Jessie De Boer
 Mrs. Emma Mason George Morris
 William F. Scott K. Visser
 Leon A. Wood Emma Ham

Service Pins to be Awarded in the Month of August

- 40-Year Pin*
 Albert Lasco
- 30-Year Pin*
 Homer Bruillette

- 25-Year Pins*
 James Finney James Livingston
 Samuel Finney John Spencer
- 20-Year Pins*
 Joseph Bergeron Joseph Lancour
- 15-Year Pins*
 Mil. Bourgeois Gar. Bedrosian
- 10-Year Pins*
 I. H. Daubney Adel. Godbout
 William Smith Alf. Woodcome
- 5-Year Pins*
 Jennie Baker Raymond Fullerton
 Margaret Gellatly L. E. Hix
 Peter Moran Angus Parker
 Geo. Pendleton Rebecca Gusney
 Marj. Lafleur Mich. Zylstra
 C. A. Wentworth Minn. Visbeck

Gold and Flowers Presented

Miss Ruth Calhoun, physical director of the women's classes at the gymnasium, was given a very pleasant surprise. At the regular evening class on April 26, while the girls were marching around the room the morning class fell into line. This unusual procedure was quite out of order, but Miss Calhoun was quite willing to be entertained during the rest of the evening at various games. Light refreshments were served and Miss Calhoun was presented with a twenty-dollar gold piece and several bouquets of flowers.

W. M. W. Schedule in Triangle League

- WHITIN MACHINE WORKS GAMES ON THE TRIANGLE INDUSTRIAL BASEBALL SCHEDULE FROM SATURDAY, JUNE 28TH ON
- June 28—Norton Company vs. Whitin Machine Works (at Worcester)
- July 5—American Steel & Wire Co. vs. Whitin Machine Works (At Whitesville)
- July 12—American Woolen Company vs. Whitin Machine Works (At Webster)
- July 19—Hamilton Woolen Company vs. Whitin Machine Works (At Southbridge)
- July 26—American Optical Company vs. Whitin Machine Works (At Whitesville)
- August 2—American Woolen Company vs. Whitin Machine Works (At Whitesville)
- August 9—American Steel & Wire Co. vs. Whitin Machine Works (At Worcester)
- August 16—Norton Company vs. Whitin Machine Works (At Whitesville)
- August 23—American Optical Company vs. Whitin Machine Works (At Southbridge)
- August 30—Norton Company vs. Whitin Machine Works (At Worcester)
- September 1—Hamilton Woolen Company vs. Whitin Machine Works (At Whitesville)

Swimming Pool Schedule

- MONDAY AND THURSDAY**
- A. M.—JUNIOR BOYS**
 9.30 to 10.30 Class for non-swimmers
 10.30 to 11.30 Class for swimmers

Sixth Season of Sunset League

The Sunset League started its season on Monday night, May 5. This was the commencement of the sixth season since the beginning of the league. This year the teams are designated as the Foundry, Speeders, Spinning and Yard. The Foundry and the Yard are the two teams whose names really designate their territories, the Speeders and Spinning being made up of two large sections of the machine shop. The schedule has been drawn up and consists of fifteen weeks, making a total of thirty games.

Those responsible for seeing that the teams are on the field ready to play for the Foundry, are Thomas Joyce and Winford Jones; for the Speeders, James Ashworth and Richard Malmgren; for the Spinning, John Steele and Thomas O'Neil and for the Yard, William Baird and Anthony Campo.

The umpires of last season were re-elected this year. They are Patrick Duggan and Thomas Roche.

The opening night saw as exciting and as close a game as will be seen this season, when the Foundry defeated the Yard 3 to 2. This was done in the last two innings after the Yard had secured a 2 to 0 lead. Both teams secured five hits. It was a good pitcher's battle with Jones striking out seven and Campo six. Four of Campo's six strikeouts came in the last two innings, during which time the Foundry made its three runs. A base on balls combined with three hits and costly errors were the reasons for the defeat.

On Wednesday, May 7, the Spinning defeated the Speeders 14 to 5. Errors and erratic playing in the first inning defeated the Speeders, when the Spinning collected eight runs.

The following Monday, May 12, was the first of four weeks in succession in which the Foundry was forced to postpone its game with their opponents on account of rain. These four games are the only ones thus far which have not been played. We have had more rain in May this year, than we have had since the Sunset League started.

On May 14 the Spinning defeated the Yard 10 to 8, and on May 19 the Speeders defeated the Yard 6 to 2. On May 26 the Spinning defeated the Speeders 9 to 3.

On June 2, the Yard defeated the Spinning 10 to 4. On June 9 the Foundry defeated the Spinning 13 to 7, in the first game which the Foundry team had played in five weeks.

On June 11 the Speeders defeated the Yard in a slugging match, the final score being 18 to 11. The Speeders got thirteen hits and the Yard eleven in a six inning game.

It is too early in the season to say much about the strength of the various teams. They are pretty well balanced with the exception of the Foundry, which, at the present time, seems to be a bit stronger than their opponents. However, the Foundry has only played two games up to the week ending June 14, and has thirteen more to play.

Raymond Barlow of the Speeders, the dark horse of the season, secured three hits out of four times at bat in the opening game, two of the hits being for three bases, and is leading the league with the starting average of .615. One gets the impression by looking at the batting averages that this is a heavy hitting league. On the other hand it must be remembered that three of our best pitchers are barred from pitching in the league because of their ability and connection with the regular shop team, whereas all the other players with the regular team are qualified.

The batting averages and league standing are as follows:

SUNSET LEAGUE
BATTING AVERAGES TO WEEK ENDING
JUNE 14

	AB	R	H	AVE.
Simmons	4	2	3	.750
Barlow	13	4	8	.615
Keeler	7	0	4	.571
McGuire, F.	7	2	4	.571
Smith	7	3	4	.571
Walsh	16	6	9	.563
Malgren	10	6	5	.500
Denoncourt	6	4	3	.500
Leonard, J.	2	2	1	.500
O'Neil	19	6	9	.474
Ballard, E.	12	4	5	.417
Bisson	15	3	6	.400
Melia	15	6	6	.400
Jackman	5	1	2	.400
Levasser	5	0	2	.400
McGuire, C.	5	2	2	.400
Leonard, F.	13	3	5	.385
Murray	13	4	5	.385
Ashworth, J.	11	1	4	.363
Henson	11	4	4	.363

Herberts	16	5	5	.313
Steele	16	2	5	.313
Britton	10	3	3	.300
Saragian, M.	17	7	5	.294
McGowan	11	4	3	.273
Ashworth, H.	4	1	1	.250
Campo	13	4	3	.231
Benoit	9	4	2	.222
Nash	14	6	3	.214
Saragian, P.	15	4	3	.200
Corron	10	2	2	.200
Sweeney	5	1	1	.200
Hall	16	4	3	.188
Pryor	14	0	2	.143
Cooney	7	1	1	.143
Johnston	7	1	1	.143
Donovan	11	0	1	.091
Ballard, P.	1	0	0	.000
Morey	1	0	0	.000
Burroughs	2	0	0	.000
Haskins	3	0	0	.000
Jones	3	0	0	.000
Kearnan	3	0	0	.000
Hayes	7	0	0	.000
Buma	9	0	0	.000
Clark	9	0	0	.000

LEAGUE STANDING

	W	L	C%
Foundry	2	0	1.000
Spinning	3	2	.600
Speeders	2	2	.500
Yard	1	4	.200

PITCHER'S RECORDS

	W	L	C%
Jones—Foundry	2	0	1.000
Britton—Speeders	2	1	.667
Nash—Spinning	3	2	.600
Campo—Yard	1	4	.200
Benoit—Speeders	0	1	.000

DATE	TEAMS	GROUNDS
JUNE		
M—30	Speeders vs. Yard	New Village
JULY		
W— 2	Foundry vs. Spinning	"
M— 7	Spinning vs. Speeders	"
W— 9	Foundry vs. Yard	"
M—14	Yard vs. Spinning	"
W—16	Speeders vs. Foundry	"
M—21	Spinning vs. Foundry	"
W—23	Yard vs. Speeders	"
M—28	Foundry vs. Yard	"
W—30	Spinning vs. Speeders	"
AUGUST		
M— 4	Speeders vs. Foundry	"
W— 6	Yard vs. Spinning	"
M—11	Speeders vs. Yard	"
W—13	Foundry vs. Spinning	"

After two heavy hitting games the Office and the Tool Job stand tied, and are preparing to play off the deciding match. Scores are: Office 22, Tool Job 14; Tool Job 15, Office 8.

If you have never stopped to realize what the possession of all your fingers means to you, try to shave, button your collar or fix your tie with one hand.

Triangle League Stronger This Year

The Industrial Triangle League was organized this year at a meeting in Worcester where representatives of six of the largest industrial concerns in Worcester County were represented. The business organizations represented were the American Steel & Wire Company of Worcester, the American Woolen Company of Webster, the American Optical Company of Southbridge, the Hamilton Woolen Company of Southbridge, the Norton Company of Worcester, and the Whitin Machine Works.

It is thought at the first of the season that the league was stronger and faster than ever, and the games so far this year have without doubt proved the point. Last year our team captured the pennant without a great deal of competition, but this year it looks as if we will have to fight an up-hill fight to come through.

We were set back in the first game by the American Woolen Company at Webster, when they defeated us 6 to 4. We were leading the Webster team until the last half of the seventh inning, when the opposing pitcher started the rally which won his own game for him. Luszkowski hit a home run over the center field fence, on a waste ball, more than shoulder high. The fans who have been on the Webster field will realize what a terrific clout it was. The next man up got a three bagger, and scored later. A two base hit by Starotsa in their half of the eighth inning scored two more runs and won the game.

The American Steel and Wire team played in Whitinsville on Thursday evening, May 22, in one of the most interesting games we have witnessed here. The score was four to three, and the result was in question until the last man was out. Malgren of the Whitin team pitched a very good game, striking out eight men and allowing but four hits.

We walked away from the Hamilton Woolen Company on the Southbridge field on Saturday, May 24. Murray pitched one of his good games, whitewashing the Hamilton Woolen team while our men were scoring nine times. Only thirty-



HIGH SCHOOL TEAM WINS COUNTY LEAGUE CHAMPIONSHIP

Front row, left to right: John Trinner, 1b; Robert Frost, ss.; William Sullivan, c (Capt.); John Sullivan, p.; Earl Liberty, p.
 Second row: left to right: Timothy Horan, cf.; William Keeler, rf.; Alfred Roy, lf.; William Murphy, 3b; William Carroll, 2b; William Graham, p.
 Third row, left to right: Merrill Perkins, Mgr.; Walter McGuire, 2b; Aurelius Laplante, Coach.

four men faced him during the game, of which he struck out ten.

On Memorial Day the Whitin Machine Works team defeated the American Optical in a one-sided game in which Murray repeated his good work of the previous Saturday, the score being 8 to 1. The one run for the Optical Company was scored in the eighth inning.

On the following day on our home field, Malgren pitched for Whitinsville and won his game against the American Woolen Company by the score of 7 to 6.

Our first real upset came in Worcester against the American Steel & Wire Company on Saturday, June 10, when we were soundly defeated by the score of 15 to 2. The President of the League, Carl Leafe, of the Norton Company, in speaking of the game said he never saw the Whitin Machine Works show such weak form, and that it was an off-day for what he always considered a very strong aggregation. Pitching, alone, was not to blame for the defeat, as the team made many errors.

Continuing the bad upset of the previous Saturday, the Whitin Machine Works team took three innings

before they could get over their ragged playing. In the meantime the Norton Company had scored fifteen runs. Murray was taken out of the box in the third inning with three men on bases and none out. Malgren finished the game and shut them out after the third inning, allowing but two hits. In the meantime we scored eight runs but were too far behind to overcome the lead piled up.

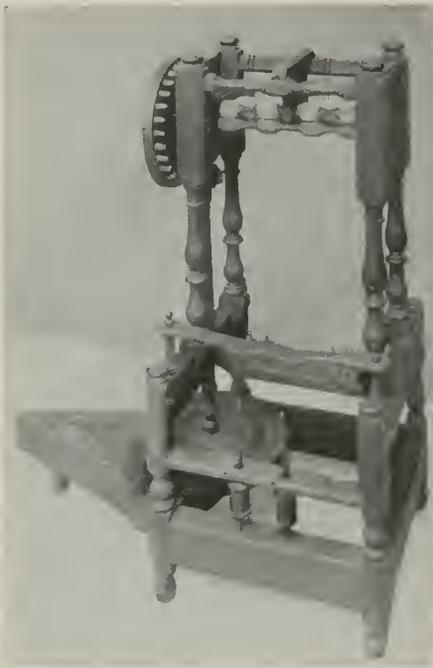
BATTING AVERAGES

	AB	R	H	%
Kearnan	29	5	12	.414
Ballard	22	5	8	.364
Steele	25	4	9	.360
Keeler	26	5	9	.346
McGuire	9	0	3	.333
Malgren	11	2	3	.273
Leonard	28	9	7	.250
Ashworth	6	2	1	.167
Denoncourt	27	3	4	.148
Murray	15	2	2	.133
O'Neil	18	3	2	.111
Cooney	19	1	2	.105
Saragian	3	0	0	.000
Team Average				.260

The Safety Valve

There are sure to be hazards wherever haphazard methods are used. Effort and thought will remove them.

Statistics show that 4,359 men were killed by gas last year. Sixteen inhaled it, 45 lighted matches in it and 4,298 stepped on it.



Arkwright's Spinning Jenny

Romance of Cotton Machinery

The first installment of a series of articles by George Gannon of the Drafting Room, on the "Romance of Cotton Machinery" appeared in the last Spindle. In that issue Mr. Gannon briefly told us how the ancients first discovered the art of spinning cotton, and traced the development of this art through the periods, showing the invention of the spinning frame by Sir. Richard Arkwright. This month's article gives a brief review of the early inventions of Hargraves and Crompton and the first Yankee attempts to start the cotton industry in America.

"James Hargraves, the inventor of the Spinning Jenny, was born near Blackburn, England, and worked at Stanhill as a carpenter and later as a weaver. In 1760 he built a crude type of card machine and thereafter was recognized as an inventor of note. In 1764 he built his first machine to



spin cotton, and six years later the success of his machine brought him much fame, but almost proved his ruin later when his patent was for some reason proved invalid. He continued, however, as a yarn manufacturer until his death in 1778.

All the promising inventors of England were now aroused over the wonderful possibilities of new machines for spinning cotton, and many types were erected, but Arkwright's claim finally proved strong enough to keep their machines from being put into extensive use.

Probably it was this condition that forced Samuel Crompton, in 1776, to construct a radically new method of spinning cotton. His idea gave to the world the spinning mule. Mr. Crompton was born in Bolton, England, in 1753, and had worked at cotton manufacturing until he became an inventor about 1770. He sold his spinning mule for sixty pounds after working on it for five years. This invention revolutionized the manufacturing of British Muslin and brought wealth to all except the inventor, who died, a very poor man, in 1827.



Crompton's Spinning Mule

Now that England had Watts' Steam Engine and Machinery for cotton manufacturing, we find that the first steam power factory was built at Popplewick Notts, England, in 1785, and in the same year, Dr. Edmund Cartwright, a friend of Arkwright, invented the power loom. Cartwright was an exceptionally bright man. It was after several close inspections in Arkwright's Cotton Spinning Mills that the idea of a power loom came to his mind. He also took out patents for combing wool. He even joined Robert Fulton in his efforts at perfecting steam navigation.

In America in the meantime the Colonial Laws of England, which prohibited the manufacture of cotton, were overthrown by the Revolutionary War, and the Yankees started to manufacture cotton yarn in the first American mill at Beverly in 1788, and planted the first Sea Island Cotton in America in 1789.

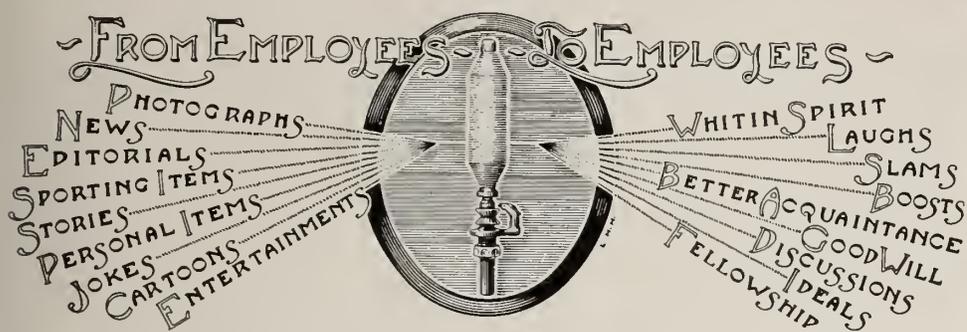
In 1793, Almy Brown and Slater pooled their resources and ingenuity and set up a very successful cotton mill. This mill consisted of 72 spindles with the necessary machinery for preparing the cotton for spinning. This preparation of cotton consisted of hand picking, which amounted to about four pounds of cotton per day per person. Next came the Slubber without a differential motion and then a fly frame. From the fly frame the roving was set in a creel and drawn through a three roll drawing frame and then over a guide bar that was wound on bobbins by means of flyers. There were eight spindle frames of Arkwright patent style. They were mostly all of wooden style. The product of this mill was cotton yarn which was sold by peddlers to the people in the countryside who wove it into cloth on crude hand looms.

It was then seen that the power loom was an absolute essential if they were to be able to weave as much cloth as they could produce yarn for at the cotton mill, so we find that Kirk and Leslie procured the first American patent on the power loom in 1792.

The next great boom to cotton manufacturing was made by Eli Whitney of Westboro, Mass., a graduate of Yale, who invented the cotton gin, thereby increasing the production of plain cotton a thousandfold.



Whitney's Cotton Gin



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Prospect Street—W. A. Courtney.
Fairlawn—Gilbert Harwood (Old Fairlawn).
Fairlawn—O. M. Jacobs (New Fairlawn).
Taylor Hill—Jos. Cahill, Lot No. 1.
Taylor Hill—Fred Hathaway, Lot No. 2.
Taylor Hill—A. M. Meader, Lot No. 3.
Taylor Hill—C. A. Wentworth, Lot No. 4.
Taylor Hill—James Hayes, Lot No. 5.

Princeton professors pick "loyalty" as the chief word in the language. At least this word leads the list in a questionnaire put to eight teachers. Their judgment is good. A man or woman who takes money from any institution and is not loyal to that concern is not honest and will never make a good citizen. Loyalty to the people in whose service you are employed is fundamental. If you can't be loyal, be honorable enough to quit.

It was quite a shock to the members of the foundry to hear of the death of John Rice. Mr. Rice died suddenly of heart failure while putting on screens at his home. Mr. Rice was one of the assistants to the foremen in the foundry, and worked with Charles Stewart on moulding machines. A military funeral was conducted by the Jeffrey L. Vail Post, American Legion, Whitinsville.

Our sympathy is extended to Mrs. Hugh Ferguson on the death of her father, George Witze, of Schenectady, N. Y. Mr. Witze was eighty years old. We have been very grateful to him in the past for copies of the Schenectady News, a works paper of the General Electric Co., which we have received through his son-in-law Hugh S. Ferguson, a member of the Superintendent's Office.



The above snapshot was taken in Spain, on Mr. L. M. Keeler's last trip to Europe. At the left is Mr. Alfred A. Ramoneda, son of Mr. Ramoneda of Ramoneda y Sindreu, American Textile Machinery Corporation Agents in Barcelona, Spain. At his left are: Mr. and Mrs. L. M. Keeler, and Murray W. Keeler.

Alfred Ramoneda has been in this country during the past year, and the first of May reported at the Whitin Machine Works, where arrangements had been made for him to work on our various machine jobs. He had hoped to add some more experience to his knowledge of textile machinery, but on the morning that he was to report for work, a telegram was received stating that his father was very ill, and Mr. Ramoneda sailed at once for Spain. We hope he will be able to return at a future date.

A son was born to Mr. and Mrs. Thomas Driscoll on May 9, at the Whitinsville Hospital. Mr. Driscoll tells us the boy weighed 8 pounds and 10 ounces, and that they have decided to name him John Riley. We extend our congratulations.

Congratulations are being extended by the many friends of Harry Kearnan of the Metal Pattern job on the occasion of the birth of twin girls. Mr. Kearnan reports that the babies and the mother are doing nicely, but that at present it has not been decided what to name them. The babies were born on Sunday, June 15.

Mr. and Mrs. Andrew Vierstra wish to thank their friends at the Whitin Machine Works Garage for the beautiful gifts presented them on the occasion of their marriage, April 2, 1924.

Gardening Very Popular This Year

The Whitinsville Home Garden Club has started off what will undoubtedly be one of its most prosperous years. Every garden available was taken at an early date, making a total of 140 garden plots. This summer it is planned to have a mid-summer examination of the gardens, and prizes will be awarded for those in the best condition.

In the fall a garden show will be a big attraction at the George Marston Gymnasium, followed by an entertainment and dance. Previous to the opening of the evening exhibition of the garden products, there will be a supper in Odd Fellows Hall for all the gardeners.

The officers of the club for this season are Harley E. Keeler, President, Fred Burroughs, Treasurer, and Joseph T. Cahill, Secretary.

The supervisors and their districts are as follows:

SUPERVISORS—WHITIN HOME GARDEN CLUB

- Brick School—John Dufries, Lot No. 1 left side.
- Brick School—K. Dufries, Lot No. 2.
- Brick School—J. Haringa, Lot No. 3.
- Brick School—T. Taylor, Lot No. 4.
- Crescent Street—William Walsh.
- Orchard (Linden Street)—Carl Rankin.
- Reservoir—A. C. Ball.
- Taylor Spring—James Currie.



We have had the privilege of inspecting two very fine diamond rings which belong to two of our young ladies of the Main Office. It is needless to say that these rings are the announcement to the members of the office of the engagements of Miss Gladys Hanny to Thornton Munson, and Miss Elaine Brown to Allan McCrea.

Mr. Munson will be remembered by quite a number of people in Whitinsville as the Employment Manager of the Aberthaw Construction Co. He was here with that concern while they were building the Whitin Community Association building, the new shop opposite the Blue Eagle Inn, and the garage.

Mr. McCrea always lived in Whitinsville until recently, when he accepted a position with the American Optical Company in Southbridge.

There seems to be an exodus of Englishmen, from the works, back to the old country for the summer. Some of those who have gone are Joseph Hetherington and George McGrath of the Carpenter Shop and Abraham Lightbown of the Bolster job.

We understand that Richard Hargraves of the Drawing job and his son Robert Hargraves of the Drafting Room are planning a trip to England.

We should also mention the fact that Roy Foster of the Carpenter Shop has been in France during the months of May and June.

Mr. Albert Birchall, foreman of the Card job, and Mrs. Birchall, sailed on May 31, for England, where they are going to spend three months.

During this period they expect to make a visit to the continent, taking in the battlefields of France, and will also go to Switzerland. Mr. Birchall came here from Bolton, Lancashire, England, thirty-four years ago, and is now returning to visit his old home town.

George Rae and William Britton of the Electrical Department were on a canoeing cruise at Picnic Point where they were making estimates on the material needed to wire the grounds and the ship "Pinafore" for electric lights. Billie, in making pencil jottings, must have pressed too hard on his pencil and not being a pencil pusher by trade, lost his balance and fell into the pond. George told Billie he might as well measure the distance for an underground cable as long as he was in condition for the job.



Master Kenneth Owen Blair has just had his bath and been weighed and found not wanting. We don't know whether we like that last phrase or not, but at least by the looks on the boy's face, we are sure he doesn't look as if he wanted much. He seems to be perfectly at his ease. Kenneth Blair was six months old in March, when this picture was taken, and weighs fourteen pounds and thirteen ounces. He is a grandson of Oscar Owen of the Main Office, and William Blair, foreman of the Planer job.



Marston W. Keeler with a trout he caught in the Whitin Preserve. It was 13" long and weighed 2½ pounds. It is considered the largest one caught in Whitinsville.

Louis Streeter and Alphonse Sunn of the Screw job and Charles Schone-man, owner of the Linwood Avenue Garage, were together on a little fishing trip down the Mumford River. A few hundred yards west of the Linwood Mill, after an exciting time teaching the bait to swim, they decided to pull upstream for home. They hadn't figured on the current and wind and after many minutes of hard work in which they found themselves no nearer home than when they started, they pulled for shore and left the boat down there. To make matters worse it began to rain, making the atmosphere more damp and heavy than ever.

Stamp this trademark on your work "Built safely by the man who made it safe for others to use."

The friends of Mr. and Mrs. Edward C. Whittaker will be pleased to hear that announcements have been received from Shanghai, China, telling of the birth of their son, Robert Edward Whittaker, who was born on April 10, 1924. Mr. Whittaker is now in China as a representative of the Universal Winding Company.

The Main Office Defeats Production Department at Bowling

One of the most interesting bowling matches we have had this year was put on, on the evening of May 13, at the Pythian Alleys. The teams were composed of members of the Main Office and members of the Production Department. The match was counted on points, the Main Office team getting five to the Production Department's four. It was an eight string match with the total pinfall counting one point. Broadhurst of the Office rolled one string of 125 and had a grand total of 832 or an average of 104. Montgomery rolled the high total for the losers with 767.

The scores were as follows:

Main Office—Broadhurst 116, 86, 114, 102, 125, 100, 101, 88—832; Johnston 94, 102, 80, 88, 95, 110, 94, 86—749; Foley 91, 75, 85, 87, 82, 106, 88, 80—756; Lincoln 102, 84, 92, 112, 83, 98, 94, 91—756. Totals 403, 347, 371, 389, 385, 414, 377, 345—3,031.

Production Department—Montgomery 96, 115, 88, 95, 92, 90, 106—767; Cain 89, 90, 91, 110, 99, 89, 113, 77—758; Adams 85, 94, 85, 101, 94, 103, 84, 90—736; Roche 92, 78, 96, 87, 96, 91, 90, 98—728. Totals 362, 377, 360, 393, 374, 375, 377, 371—2,989.

We were glad to welcome back to the shop on June 11, William Johnston, foreman of the Drawing job. He dropped in for the first visit to his department in several months. Mr. Johnston has had a very severe case of pneumonia and has made a remarkable recovery. One thing that made his sickness more severe than it would have been, was the fact that he had spent a great deal of energy this spring taking care of his son and his wife who have both been very ill. We sincerely wish that Mr. Johnston and his family will enjoy good health from now on.

We were sorry to hear of the sickness of Charles Snow of the Carpenter Shop. At the time this was written we were glad to hear that he had improved and was able to be about the house.



Planer Job of 1895

Charles Nigohosian, a member of the Freight Department and a quarter century veteran of the Whitin Machine Works, has the satisfaction of telling his friends of the success of his boy John Nigohosian, who is studying at the Museum of Fine Arts, Boston, Mass. Mr. Nigohosian brought into the Freight House Office a painting of the Madonna and Child which his son had just completed for an Armenian Church in Reedley, Cal. His son was presented a purse of \$1,500.00 for his work.

John Nigohosian has been studying in the Museum of Fine Arts for eight years, and graduated on Monday, June 2. He started his career as an artist when he was fourteen years old and secured a position in Boston copying pictures. His first contract called for two thousand pictures at fifty cents apiece. When he had completed them he was charged \$150.00 for material giving him a net profit of \$850.00 for his work. Next year he intends to study abroad and it is needless to say, we hope, as does his father, that he will have continued success.

Anyone finding a Jet Black Cameo Ring kindly return same to the Employment Department, where it will be returned to the owner. This ring was believed to have been lost around the shop but it is also possible that it might have been lost in some one of the tenements. The owner is employed in the Outside Painting Department.

We are glad to print above a photograph of the Planer job, which was taken in 1895. They are, reading left to right in the front row: Harry Hanson, Robert Brown, Olney Lucas, W. G. Blair, foreman, J. R. Galvin, Robert West. Back row, left to right: Patrick Donovan, Charles Hobart, Carl Haltsman, John Morrow, Anthony Ratcliffe, Fred Burroughs, assistant foreman.

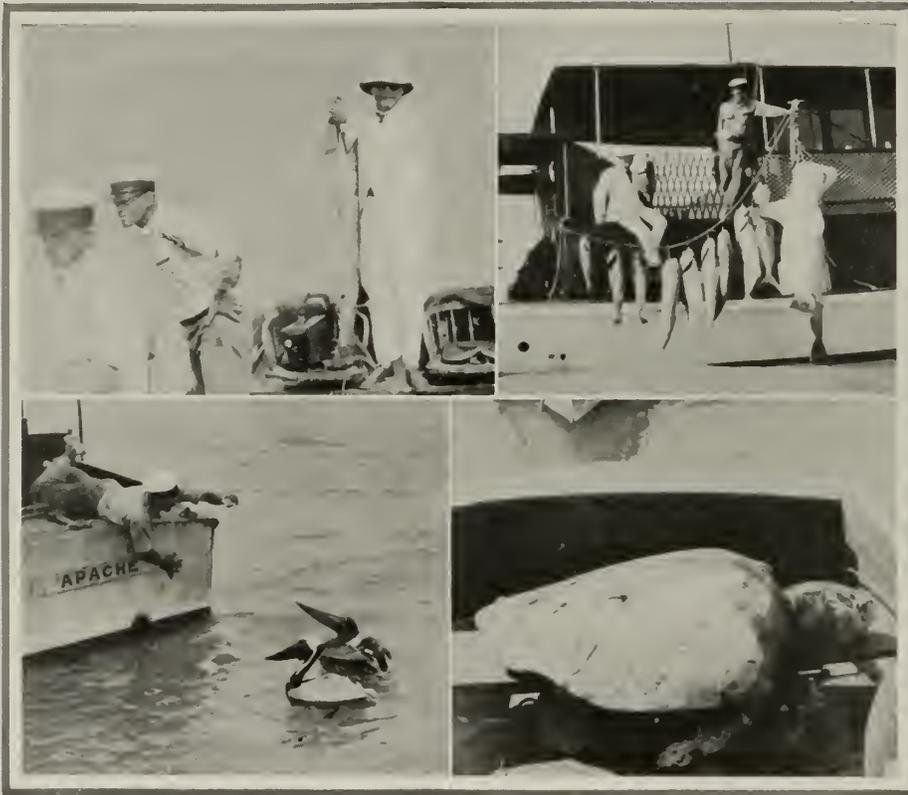
The following was overheard in the Production Department recently.

Miss H—— “I went to Woonsocket last night. I did not know it until I got home.”

The contributor of this note writes a postscript in which he asks, “Where does Isabelle visit in Woonsocket?”



Misses Ruth Stewart and Lily Bogie as Rubes at the Circus



A FISHING TRIP AMONG THE FLORIDA KEYES

No. 1. E. K. Swift holding a Baracuda. These fish often grow as large as six feet and are as dangerous as shark. They belong to the pike family which accounts for its similar appearance to the pickerel in the Whitinsville ponds.

No. 2. At the right is the photograph of a shark caught on a twenty-one strand line. He was played on the line for two hours and a quarter before being caught.

No. 3. Feeding the Pelicans.

No. 4. Loggerhead sea turtle which was harpooned from on board ship.

In the latter part of the winter Mr. E. K. Swift, Treasurer and General Manager of the Whitin Machine Works, had the privilege of spending a few days in Florida and we are re-producing here a few photographs taken on his fishing trip.

Vacation Pictures Wanted

During the next two months a large majority of the members of the Whitin Machine Works will be spending their annual vacations at the seashore or at the mountains, and we will be very glad to get any photographs which they may take during that time.

We were glad to hear that Frank Larkin was able to take a trip to Boston for the week of May 10. Mr. Larkin has had a long siege of sickness and has shown remarkable courage. It was necessary for him to stay in bed four days of the week he was away, in order to keep up his strength.

Comes Fourth in Egg Production

George Williams, a member of the Carpenter Shop, during his spare time has found both pleasure and profit in keeping hens. Mr. Williams has a very nice residence on Prospect Street and at the present time has 300 hens, part Rhode Island Reds and part White Plymouth Rocks. This spring he is raising 500 chickens.

In the Worcester County egg laying contest, which is carried on for a period of six months, Mr. Williams entered 20 of his White Plymouth Rocks and had a score of 89.72 percent, placing him in fourth position. During these six months his twenty hens laid 2,204 eggs on 1,050 pounds of grain, not including the green food. This competition was carried on from November until May. We believe that is making a hobby worth while.

Mr. and Mrs. Frank F. Clark announce the birth of their son, Roland Francis, who was born on March 23. Mr. Clark is a member of the Spooler job. We extend our congratulations to them.

Purchasing Agents Meet

On Tuesday, April 29, the Worcester County Purchasing Agents Club held its monthly meeting in Whitinsville. About fifty members were present. In the afternoon several members of the office force acted as guides and showed the visiting club members through the shop. In the evening a banquet and entertainment was given in Pythian Hall, which was a real success from the beginning to the end.

After the last course had been served, Mr. E. K. Swift, Treasurer and General Manager of the Whitin Machine Works, gave the address of welcome. An entertainment followed which included readings by James Higgins of Boston; a dancing act by the Gellatly Troupe; a mystery act by W. O. Aldrich and Wilfred Aldrich, and songs by Thomas Roche.

The committee in charge of the program was highly complimented on the success of the occasion. It consisted of R. E. Lincoln, Whitin Machine Works, Chairman; William J. Rich, Hamilton Woolen Company, and Harry F. Scott, Whitin Machine Works.



The above photograph is a picture of Yvonne Boutiette, daughter of George Boutiette of the Screw job, and Ruth Norton, daughter of William T. Norton of the Service Department. This photograph was taken in April. The next point of interest, now that we have named the girls, is that of the tomato plant, which you will notice in the center. It has two ripe tomatoes. This plant was grown this winter in the house by Mrs. William Norton. At this writing, in the middle of June, the plant is still bearing tomatoes.

Among the Mills

Christian Miller, a member of the Flyer job, has been very much interested in the various references to cotton mills which we have been publishing from time to time in the Spindle. Chris Miller is an old cotton mill man and at one time was connected with the Saint Croix Mills, in Calais, Me. Mr. Miller brought us in a photograph of the Mill which was taken in 1903. This mill has a large amount of Whitin machinery installed in it.

There is a rather unique feature about the mill. The mill buildings themselves are not really in Calais, Me., but are in Canada. The boundary line between the United States and Canada runs the length of the dam, and in that way cuts off the main buildings from some of the smaller buildings across the river. Since this picture was taken a weave shed has been built in the immediate foreground.

Mr. Miller was a weaver in the mill and later was in charge of the manufacture of flannels there. He came to the Whitin Machine Works in 1905.

The river is a wonderful fishing stream. During the spawning season of salmon, it is nothing unusual to see the fins and backs of these fish as they go upstream to spawn.

Mr. Miller has a peculiar piece of flint rock that is brought up from the West Indies as ballast on board the boats that touch near the mill. This rock is thrown over after they enter the harbor in order to lighten the ships. Friends of Mr. Miller who wish to see this rock will be surprised to notice that it has two distinct faces. He discovered it immediately on picking the rock up on the shore of the harbor.



Saint Croix Mills, Calais, Maine



Front row: Everett Johnson, Sidney White, Frank McSheehy, William McSheehy, Roland Noyes.
Back row: Leroy Rollins, James Callahan, Arthur Jones, William Fanning, James Ferry, Leon Barnes, Leon Wood

If at any time one wonders what becomes of the boys of Whitinsville this picture might give somewhat of an answer. Of the photograph above, seven of the "Jolly Nine" baseball team, taken in 1906, are now working in the Whitin Machine Works. This photograph was taken in front of the Grove School and will be of great interest to those in the shop who have worked here for a number of years.

The Office Bowling League of the Whitin Machine Works enjoyed a banquet at the Hotel Warren the last week in April. About twenty-five members were present and everybody reported a mighty fine time. After the banquet the members adjourned to attend the "Actors' Week Show" in Poli's Theater.

Frank Larkin, a member of the league at the first of the season, and who has been on the sick list since last fall, was unable to be present. He was sent a basket of fruit by those present. Mrs. Larkin wrote a very nice note to M. F. Carpenter, as Secretary of the League, as follows:

"Mr. Larkin wishes me to extend his heartiest thanks and appreciation to all the members of the Office Bowling League and its guests, who so kindly remembered him with a basket of fruit. Needless to say, he very much enjoyed its contents and were

he able would personally thank each donor, but since this is impossible, kindly accept this note as a fair substitute."

Sincerely yours,
Alice B. Larkin.

Some Old and New Blacksmith Shop Philosophy

If money talks teach it to say "Good Morning" to you more often than "Good Night." Remember it takes four days per week of hard work to bring it back.

Some of us are born actors and some the audience. If of the latter class, you try to imitate the former, don't get angry at the gallery hisses. Perhaps they are showing more intelligence than you.

Do not act as if you had a thousand years to throw away. Be good for something while you live for it is in your power to be so.

Take note that all events turn out justly, and everything in time gets its due.

If you think your work is not appreciated, examine yourself and you might find the reason. To be an honest man is the only way to be a wise one.

The Blacksmith Shop anti-prohibitionist says "My clay with long oblivion has gone dry, but fill me with the old familiar juice, methinks I might recover by and by."



Supt. of Perearnau Mill in Spain and William Ferguson one of our Erecting Force

H. L. Williams, one of our roadmen, dropped us a note from Wilkesbarre, Pa., stating, "Dear Sir:—I saw the following article in the New York American and am sending it to you, thinking that perhaps you would like to reproduce it in the Spindle."

WHITINSVILLE, April 5—Fred S. McClelland, keeper of the North-bridge town farm, shaved off the beautiful black mustache he has worn for thirty-five years and came near losing his wife.



Conveyance from the Hotel to Mill in Mauresa

He promised Mrs. McClelland, who was going to Worcester on a shopping tour, he would meet her there in a certain restaurant. Then he got primped up at the barber's.

"Shave the darned thing off," Fred told the barber. "I've been threatening to do it for thirty-five years."

"Look younger'n you have since I first seen you," remarked the barber. And other customers agreed.

Fred went to Worcester, waited around in the restaurant, got hungry and began to eat. Mrs. McClelland, breathless from her shopping tour, entered.

She looked around the table tops for the family moustache. She was about to give up and go home when McClelland attracted her attention.



Antonio Perearnau Mill at Ripoll, Spain

We have had several stories this month about birthday congratulations to Raymond Adams, when the telephone connection was misdirected and one of the foremen on the Spinning department received congratulations instead.

But as good as that story was, it doesn't quite compare with the episode at Walker's Garage in which Ray took the leading part. Ray is very fussy about the appearance of his new Essex and after spending more than an hour washing it, Milton Ball appeared on the scene and quietly asked if he intended to wash his own car after he was through with Mrs. Hamilton Walker's. We wonder if Ray was in a hurry to go anywhere.

Robert Hargraves, a member of the Drafting Room, has a canoe in first-class shape which he is willing to put on sale to the highest bidder. If one is in search of a real good canoe, we recommend that they see Mr. Hargraves.



Ramon Bach Y Hermanos Mill in Mauresa, Spain

On April 9 a carrier pigeon flew into the foundry very much exhausted. He was perched upon one of the steel girders and was very willing to be caught. Louis R. Veau took him home with him and kept him for several days until he was completely rested. He was then allowed to continue on his trip. It would be very interesting to know where this pigeon came from and what was his destination. A ring on his foot had the following marks, IF23C8326.

Men's Class Appreciates Gymnasium Privilege

The members of the men's class of the Whitin Community Association presented Harry MaLette, the physical director, with a traveling bag in appreciation of the fine times which have been enjoyed during the winter months on the gymnasium floor. Much interest has been taken in the setting-up exercises and especially in the volley ball matches which have been very well attended.



Mr. Ferguson, the Supt. and his son of the Ramon Bach Mill in Mauresa, Spain



The
WHITIN
Spindle



Blue Eagle Inn, Whitinsville, Mass.

JULY - AUG.
1924
Vol. 5 No. 9



BLUE EAGLE INN

Lobby and Corner of the Card Room. Pool Room. Dining Room. Group of Employees—1st row: Martha Wickstra, Theresa Donavon, Margaret Nobel, Belle Murphy, Doris Clifford, Gertrude Vandersee, Molly Dalton. 2nd row: Florence Wentworth, Katherine Feemstra, Bertha Wassenaar, Ann Dassey, Tilley Mildema, Nan Montgomery, Ellen Managh. 3rd row: Henry Bertram, John Dassey, Mildred Riley, Grace Frieswyck, Elsie Frieswyck, Benj. Ware, James Murphy, Charles Tahos, Stephen Durrell

Blue Eagle Inn

The Blue Eagle Inn is the largest of the boarding houses operated by the Whitin Machine Works. It has a rooming capacity for 200 people, and is ideally located opposite the center of the Works, which is also practically the center of the village. It is the only hotel in town catering to transient trade, and from the many recommendations it has received from this group of people, the Blue Eagle management has reason to feel proud of the establishment.

Adjoining the lobby of the hotel one will find spacious rooms which might be designated as the card room, pool room and library, as well as the main dining room. These rooms take up practically the first floor of the first building. The hotel itself is made up of three large buildings connected by wings and is three stories high. Between two of the buildings there are two smaller buildings, one of which is used for the kitchen, over which the rooms for the employees are located, and the other includes a three chair barber shop.

The rooms themselves are mainly single rooms but there are more than half a dozen suites which are reserved for transients and guests.

The first section of the Blue Eagle Inn was completed in June, 1901. The



Stephen C. Durrell, Manager

second section, together with the kitchen wing, barber shop and pool room, was opened for occupancy in January, 1910, and in the early part of 1923 the third addition was ready for use.

The first manager of the Blue Eagle Inn was Edward Loughman, who was employed because of his experience in running the boardinghouse in Whitinsville for school teachers.

In August, 1903, the present Manager, Stephen Durrell and Mrs. Durrell were placed in charge. They came here from Flagstaff, Maine, a village twenty miles from Rangely, and about thirty-five miles from the Canadian line. Mr. and Mrs. Durrell were managing a hotel in that place and were often the host and hostess to camping parties from Whitinsville who were spending their vacations at the camp of Cyrus Taft, former Agent of the Whitin Machine Works.

The hotel employs a staff of about twenty-seven, including beside the Manager and office help, four table girls, a chef and two helpers, pastry cook, laundry man and wife, and two barbers. The others are known as combination girls whose duties are to take care of the rooms and to assist in waiting on tables.

Many of the men who have estab-

lished their homes here in Whitinsville spent their first year or so at the Blue Eagle Inn—in fact, the majority of the boarders at the Blue Eagle Inn will be found to be young unmarried men. However, there are exceptions to this rule as some of them have been there from fifteen to twenty years.

The Blue Eagle Inn has been the home of the District Nurses for at least the past ten years.

The Inn has also been a center for many pleasant evenings. The card room and pool room especially will be found filled to capacity in the winter evenings.

Quoting Rev. Mr. Gregg who, with his wife, made the Blue Eagle Inn his home for two and a half years, "I never saw a boarding house where everything was so quiet



Horace Bassett, Assistant Manager

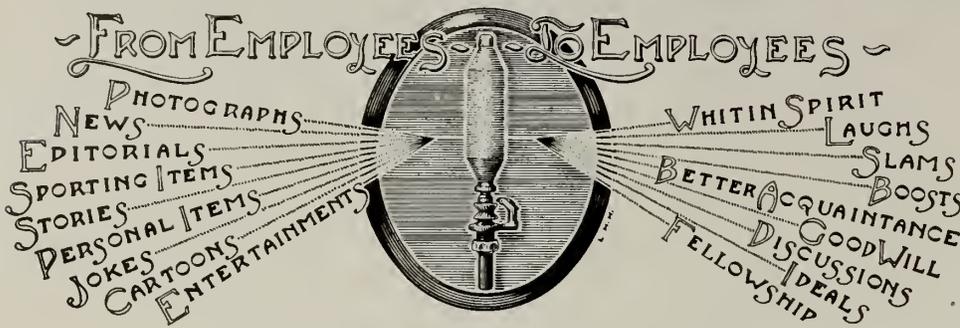
after the early evening hours and where so little trouble was experienced and where such good-fellowship was found."

We might even go further in carrying out the thought of this statement. In the department where the SPINDLE is published, only this week a business man connected

Continued on page 14, column 1



Mrs. Stephen C. Durrell



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Why Not Vote This Year

Collier's Weekly has sent us an interesting letter in which they bring to our attention that in the last presidential election less than fifty per cent of the voters eligible to vote actually participated. In contrast in 1896 eighty per cent of those qualified to vote did vote.

Every thinking American knows that this is a condition that should not exist, for we believe in the principle of the majority rule. An election based on less than fifty per cent of the voters is not a representative election. We find this idea not only in *Collier's*, but everywhere we hear thinking people express their concern over the carelessness on the part of the individuals to exercise their constitutional rights. It is a privilege we all have, and we all ought to use it.

Here are the figures on some of the national elections since 1896: In 1900, seventy-three per cent of the voters voted; in 1908, sixty-six per cent; in 1912, sixty-two per cent; in 1920, less than fifty per cent, or of the 54,421,832 registered voters only 26,786,753 ballots were cast. Such is the descending curve of American democracy. Unscrupulous politicians get what they want by herding the masses of unthinking voters to the polls. "Instead of being a parlor patriot, a rocking-

chair Paul Revere, let each American prove his right to citizenship."

Let us make 1924 the year of the big vote.



Don't Turn Your Back on Danger

Standing within range of the business end of the mule and gazing elsewhere is tempting fate. Some mules are outlaws or man killers, but most of them will only pull rough stuff when they think they can get away with it. They will behave when they know who's boss and the boss's eye is on them.

Are you the boss of your machine? Many machines are just like mules; they are safe enough when watched, but the minute the operator's eyes are turned or his attention wanders from his work they are ready to bite or kick. Punch presses, buzz saws, jointers and automobiles are not the only things that need watching. Hammers, chisels, picks and wheelbarrows also figure in the accident records.

The ostrich's way of avoiding danger is to bury his head in the sand. As a result, his tail feathers find their way to a millinery shop. Not unlike the ostrich in his habits

is the person who walks across the street with his head buried in a newspaper or an umbrella.

Few accidents happen when we are wide awake and facing danger. The trouble begins when we turn our back on it, forget about it or let our thoughts wander elsewhere.

A Trade as an Ideal in Education

In this present generation when so much stress is being laid on the necessity for the higher education in classical subjects in America, it is somewhat refreshing to come across an article by as good an authority as James J. Davis, United States Secretary of Labor, who brings out the point that there is an evil in the tendency to be convinced by our higher school graduates that education is a substitute for work rather than a tool. Under the idea of this latter phrase, he writes the following three paragraphs which we believe are of real value.

"We have allowed the conviction to grow among many of our younger citizens that education is a substitute for work rather a tool to work with, an end rather than a means.

"The ultimate outcome of this system continued without reform or amendment would be the creation of a nation where every man and woman would have the learning of books, and none would have that learning of the hands which is so vital to national prosperity and progress.

"We must restore the dignity of labor by teaching the trades in our schools. We must offer to every child that training of hand and heart, as well as head, which will enable him to go forth into the world equipped to care for himself and to take his place as a self-supporting, self-respecting citizen, a credit to himself and an asset to society. My ideal is to turn out of our schools children equipped with a high school education, as that education is now known—and a trade."

A Danger Sign

"Rastus, I see your mule has 'U. S.' branded on his hindquarters. Was he in the army?"

"No boss, dat 'U. S.' don't stand for 'Uncle Sam' it means 'Unsafe.'"



Albert Lesco

Long Service Series

In the month of August we had the pleasure of presenting a forty-year service pin to Albert Lesco, a member of the Roll Job. Mr. Lesco came to Northbridge from Chicopee, Mass., in August, 1884. He had been employed in Chicopee as a mule spinner in one of the cotton mills there. His first position in this locality was in the Linwood Mill, where for two years he continued his old trade. He started in the Whitin Machine Works, on the job on which he is now employed, under B. L. M. Smith.

Mr. Lesco informs us that he has always been connected with this job with one exception of two months when business was slack and he was transferred to Pickers under Benjamin Graves.

He has had an opportunity during his forty years to work on practically every process which this department affords, and he has seen the department grow from a small one, employing from ten to twelve men, to its present size.

Mr. Lesco made his home in Whitinsville on Pond Street during the first four or five years, and after that bought a home in Linwood.

The members of the Roll Job and his many other friends in the Whitin Machine Works extend their congratulations to him at this time.

Lucky Fido

Wife—"Horace, darling, drive carefully, won't you? Remember we have Fido with us."

Loses Barn and Stock

On Thursday night, August 8, George Parslow, a member of the Foundry force, was returning home in the automobile that carries him back and forth from work, when he received a distinct shock on finding that his barn was going up in flames. The Whitinsville Fire Department arrived just before him, but too late to save the barn, which had been struck by lightning a few minutes before five o'clock. Parslow lost a horse, nine cows, one pig and thirty-five tons of hay, together with several units of farm machinery.

This is a severe loss to Mr. Parslow who has been working hard the last few years to make his farm a successful one. Some insurance on the barn will help toward the loss, and at the present time a committee has been appointed among many sympathizers in Whitinsville to solicit contributions among those who are willing to lend a helping hand. We sincerely hope that a large collection will be taken.

Retires with Good Record

William Haworth recently retired from the Carpenter Shop and has returned to England. He was employed with us for fourteen years, during which time he established a unique record. He was always at his work bench fifteen minutes before the machinery started in the morning. The foreman of the department states that he does not recall a single day when he was not at least that early. We are sorry to have Mr. Haworth leave us but are glad he is about to enjoy the fruits of his many years of labor.

Before coming here he spent several years as a construction carpenter in New Zealand. Many of the readers of the SPINDLE will remember a series of articles which we ran four years ago on Mr. Haworth's experiences in that country.

Who'll Take a Chance Next

Business man (engaging chauffeur)—"I suppose I can write to your last employer for your character?"

Chauffeur—"I'm sorry to say, sir, that my last two employers died in my service."



A QUARTET OF ROADMEN
Charles Bass, George Clapp, Benjamin Poirier
J. B. Riely.

Leonir, N. C., has been the scene of several months' activity by some of the erecting force of the Whitin Machine Works. The above photographs show Messrs. Bass, Clapp, Benj. Poirier and Riely in front of an old shanty. The man in the left foreground of the first photograph is D. N. Crenshaw, boss carder and spinner, with four helpers, in the Boger and Crawford Spinning Company, Lincolnton, N. C.

Frank Adams dropped in on his return from Georgia and left us a couple of snapshots taken at the freight receiving door of the Dunster Mills in LaGrange, Georgia. The photograph below shows a delivery of a new Whitin Drawing Frame to that mill.



Sambo says "It's a New Whitin"

Romance of Cotton Machinery

The second installment of a series of articles by George Gannon of the Drafting Room on the "Romance of Cotton Machinery" appeared in the last SPINDLE. In that installment Mr. Gannon briefly reviewed the early inventions of Hargraves and Crompton and the first Yankee attempt to start the cotton industry in America. In this month's article there are some interesting general descriptions of the early manufacturing processes here in America. It also briefly describes several of the early types of machines.

The first successful cotton mill in America was that of Samuel Slater, and it is interesting to note the machinery used in his mill about 1794—that is, prior to the common use of Eli Whitney's cotton gin.

The cleaning of the cotton was done by hand and the average production of an operator was three pounds per day. The cleaned cotton was then fed to a crude type of slubber which had a friction washer drive on each bobbin, as the differential motion was not yet invented.

From the slubber the cotton was fed to a similar machine where it was drawn down much finer, thence to a drawing frame and wound on bobbins by flyers of top and bottom bearing type.

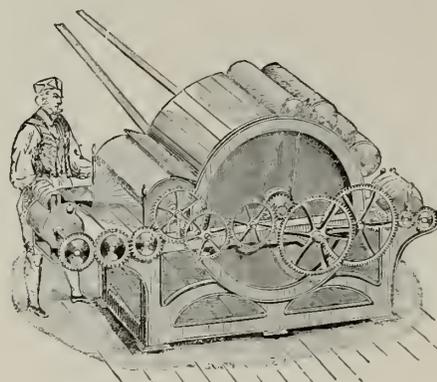
The Arkwright frame of that day was a machine of eight spindles each. A second spinning was necessary for the filling yarn, and it was then wound on a small bobbin of a size suitable for the shuttle. The construction of these machines at Slater's Mill was chiefly of wood, as cast-iron was not yet in common use. The product of the mill was yarn, and as such it was sold by peddlars to the inhabitants who did their own weaving on crude hand looms. With the acquisition of Whitney's cotton gin, Slater created a comparatively large quantity of yarn. Many smaller mills followed suit in producing yarn in the next few years.

By the year 1830 methods of production had developed marvelously, for we find records of an English mill with the following equipment.

- 2 Conical Willows running at 350 R. P. M.
- 5 Breaker Pickers running at 1600 R. P. M.
- 5 Beater Lappers running at 1600 R. P. M.
- 186 Cards, the cylinder revolving at 114 R. P. M.
- 24 Drawing Frames.
- 24 Forty Spool Fly Frames.
- 50 Sixty-four Spindle Fly Frames.

- 78 Throstle Frames.
- 56 Hand Mules containing 144 Spindles.
- 1100 Power Looms running at 120 picks.
- 5 Winders having 240 Spindles.
- 32 Dressing Machines.

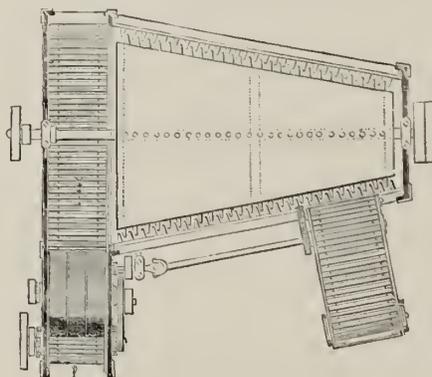
THE CARDING ENGINE.



Arkwright's Complete Carding Engine

The mills of this date were usually of stone construction and their chief product was spun yarn. The water wheels, machine shop, and storerooms for finished product was in the basement. The first floor contained the carding room, the second floor the drawing and roving, and the third floor the spinning.

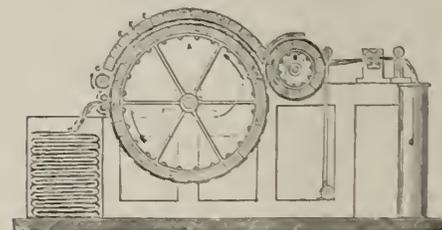
In the card room we find that double carding was used and the breaker and finisher processes were on the same machine. They contained an endless apron equally divided, on which the operator placed an equal amount of cotton, hand weighed. The loose cotton was conveyed by this apron through feed rolls to an 18-inch cylinder covered with wire clothing, the latter being fixed to the cylinder parallel to its axes. The cotton was then carded by wooden card flats which were supported on the top of the cylinder, and these flats were stripped by hand. A wooden doffer, eight to ten inches in diameter, and covered by the same wire clothing, was supported in front of the cylinder



An Old-Type Conical Willow

by the main framework, and from this doffer the cotton fleece was taken by a crude oscillating comb. This fleece was then drawn through a trumpet and a pair of condenser rolls into a can in the form of a sliver. Many of the mills stripped the card cylinders by hand in this period.

The sliver was then laid diagonally on the apron of the finisher card and the carding process was repeated. From the cards the sliver was fed to rude drawing frames. These machines had a brass bottom roll covered with grooved wood; the top rolls were leather covered with wooden rolls similar to Louis Paul's invention in 1738. From the drawing frame the sliver was fed to the fly frame. To compensate for the increase in diameter of the bobbin in the absence of a differential motion, a friction washer of cloth was in common use between the bobbin and its driver. The spindles had top and bottom bearings, the driving pulley being placed above the top bearing, and it was driven by a horizontal wooden cylinder. The flyer consisted of two solid arms with



Finisher Carding Engine

an eye twisted at the bottom and another eye in the top. The average frame contained 30 spindles, had three lines of rolls mounted on a wooden beam, and the sliver passing through was drawn finer and wound on the bobbin which was traversed in a vertical plane by a wooden rail.

From this roving frame it was fed to a similar frame and the yarn drawn out finer.

Another roving frame is found in this period where no twist is given the roving but it is conveyed by two endless belts of woollen cloth from the rolls to a can.

The last process was the spinning frame of the flyer type, as mules were as yet uncommon. These machines were similar to the fly frames but smaller in size and contained more spindles. The first power looms that

are recorded were used in 1813 by the Boston Manufacturing Co., at Waltham.

The greatest invention in cotton machinery of this period was the Aza Arnold differential motion, which was patented by him in 1823, but which since then has been called the Houldsworth Differential. This motion gives us the mechanism of the roving frame of today, and although many other mechanisms have been designed by machine builders, there are few which surpass it in simplicity.

The Editor of the Southern Textile Bulletin wrote in last month and asked permission to reproduce the articles on Romance of Cotton Machinery appearing in the SPINDLE. We were glad to give our consent and they agreed to give credit to Mr. Sannon.

Textiles, a bi-monthly magazine of the cotton and woolen field of business is running a series of six articles by George Sannon. Those interested in detail and technical information on the various textile machines will find the magazine in the shop library. The first article appeared in the July fifteenth issue.

Daniel Duggan of the Yard Office returned from the mountains with an interesting golf story, in which he was the lucky man. He told his friends about shooting a hole in one. Dan informs us that this ought to make him eligible to wear golf knickers at all sporting occasions.

Harry Dalton of the Bolster Job says his Overland can beat them all at climbing fences; otherwise it compares favorably with the standard makes.

Safety says "Be Careful." Old man Accident says "You should worry"—and you surely will if you follow his advice.

If ignorance is bliss, this ought to be a blissful world, says the traffic cop.

Those who go to church may learn a lot about heaven, but those who go joy riding or jay walking may get there first.

Recklessness is pep without common sense.

Life is short, but there is time enough to remove that hazard.



A BIT OF OLD ENGLAND

Houses of Parliament. The royal family. George McGrath, Joseph Hetherington and friend on deck, happy to be on their way back to America. A wreck off Liverpool bar. A bowling green near Carlisle.

Joseph Hetherington and George Magrath have returned to the Carpenter Shop after almost three months of vacation in Scotland. They made a trip of several days to London and took in the Wembley Exhibition. Mr. Hetherington tells us that on the day he was there, there was an official record of 169,000 people at the exhibition. We have received several reports from the travelers of the shop who have taken in Wembley on their trips to Europe this year, and we have certainly been impressed by their stories of this remarkable carnival. We are publishing some of the photographs brought back by Mr. Hetherington.

Why not enter the "Century Swim?" Read about it on page 10.

We were very much pleased to receive word from Albert Birchall, foreman of the Card Job, who is spending his vacation in England and in visiting the European continent. We show here a reproduction of one of the postcards we have received, showing the great British

Empire Exposition at Wembley, England.

Harry Mitchell, who has just returned from a visit to Scotland, tells us that this exposition is almost beyond the power of human description and that one could spend days and days there without covering the same ground. He reports that Machinery Hall showing models of all kinds of machinery was one of the most interesting places he had ever visited.

Several other members of the Whitin Works had the privilege of being at this exposition. Among them were Mr. E. K. Swift, Treasurer and General Manager of the Works, Joseph Hetherington and George Magrath of the Carpenter Shop.



View of British Empire Exhibition at Wembley



WHITIN MACHINE WORKS

1st row: Thomas O'Neil, 2b.; William Denencourt, ss.; John Steele, p.; William Steele, mascot. 2nd row: Harry Kearnan, coach and cf.; Herbert Ashworth, lf.; William Sullivan, c.; Mesrop Saragian, cf.; Chris Maguire, 3b.; 3rd row: Irving Dalton, manager; William Murray, p.; Edward Ballard, rf.; Richard Malmgren, p.; Robert Keeler, c.; Frank Leonard, 1b.; Henry Crawford, scorer

Whitin Leads in Industrial League

In the last two months the Whitin Machine Works team has continued to fight its way through the Industrial Triangle League schedule and by August 15 had lost but three games, losing one each to the American Steel & Wire Company, the American Woolen Company, and Norton Company.

There have been many up-hill battles, in which the Whitin Machine Works has overcome an early lead of its opponents. Typical games of this sort were with the American Woolen Company in the first week of August, when they had a 6-0 lead over us at the end of the sixth inning and we came through with nine runs in the seventh inning. The other example was against the Norton team, who led 4-2 up to the eighth inning, when we scored two runs, tying the game and saving it temporarily, at least, from counting against us.

Malmgren and Murray have been sharing the burden of the pitching honors. They have both been going very well this year, but the main strength of the team has been in the batting, seven of the players batting over .300.

Kearnan has been the outstanding star, not only of the shop team, but of the league, running the bases with exceptional ability and leading the

league in batting. This is in spite of the extra responsibility which he carries in each game as coach of the Whitin Machine Works team.

At the present writing we are two and one-half games in the lead and have six games more to play. Although we have not won the championship, we have every reason to believe that the team will come through as it is playing better ball now than it was at the first of the season.

The batting averages and league standing are as follows:

LEAGUE STANDING			
	W.	L.	%
Whitin Machine Works	11	3	.786
American Steel & Wire Co.	9	6	.600
American Woolen Co.	9	7	.562
American Optical Co.	7	8	.467
Norton Company	6	10	.375
Hamilton Woolen Co.	4	12	.250

BATTING AVERAGES				
	ab.	h.	r.	%
Kearnan	58	17	28	.483
McGuire	47	10	20	.425
Steele	44	8	16	.363
Ashworth	40	14	14	.350
Leonard	65	19	22	.338
Malmgren	22	6	7	.318
Keeler	61	11	19	.311
Murray	38	8	8	.210
Denoncourt	58	9	12	.207
Ballard	45	7	9	.200
O'Neil	53	11	9	.173
Saragian	3	0	0	.000
Sullivan	2	0	0	.000

How Three Men Divide Their Incomes

	Tight wad	Spend thrift	Thrifty Man
Living expenses	37¢	58¢	50¢
Education	1	1	10
Giving	1	1	10
Recreation	1	40	10
Saves	60	0	20

U. S. Treasury Dept.

Great Interest in Sunset League

The Sunset League schedule officially closed on Wednesday, August 12, with the Spinning team in the lead. However, there are six postponed games to play off, of which the Foundry is included in five. The best the Yard team can do is to tie the Spinning or Foundry for the championship. By winning its three games while the Spinning loses twice, these two teams will be tied for first place. Should the Foundry win all its five games it will win the championship, provided the Spinning loses two. The postponed games are to be played the last two weeks of this month.

The interest in the Sunset League this year has been greater than in any one of the last five seasons. The automobiles have lined up from the backstop to the first tenement on Lake Street. It was estimated that when the Yard and Foundry played there was as many as five hundred people watching the game.

It is a heavy hitting league, due to the fact that our best pitchers are barred because of their participation on the regular shop team, and as a result almost two-thirds of the players are hitting over .300, with six of them hitting for .500 or better.

There is always plenty of action and much criticism, good and otherwise, from the side-lines. Credit should be given to the courage of the two umpires, Patrick Duggan and Thomas Roche, for their faithful work this season. They have umpired every game.

The Yard made a new find in Eddie Connors who has been filling the pitchers box and has won three games straight, allowing one hit in one game and two hits in another. Manager Baird of the Yard claims that with this pitcher at the beginning of the year he would have cinched the pennant. In fact, he still has high hopes of doing it in spite of the odds against him.

The Foundry with its long row to hoe is very confident of overcoming the Spinning team. The managers of all four teams have kept the various boards of strategy busy settling various disputes which are bound to come up in keen competition.

The present records of the league are as follows:

LEAGUE STANDING

	W	L	%
Spinning	9	4	.692
Yard	6	6	.500
Foundry	5	5	.500
Speeders	4	9	.308

BATTING AVERAGES

	AB	R	H	%
Ashworth, H.	10	6	7	.700
Leonard, J.	25	7	14	.560
Veau	28	15	14	.500
Carroll	12	3	6	.500
Cooney	16	6	8	.500
Sullivan	6	3	3	.500
Simmons	28	6	13	.464
Walsh	37	13	17	.459
O'Neil	39	16	17	.436
Denoncourt	33	19	14	.424
Keeler	34	6	14	.412
Leonard, F.	31	6	12	.387
Fowler	13	5	5	.384
McGuire, C.	13	4	5	.384
Jackman	16	3	6	.375
Steele	32	8	12	.375
Malgren	35	9	13	.371
McGuire, F.	30	11	11	.367
Britton	34	7	12	.353
Herberts	39	11	13	.333
Campo	33	8	11	.333
Wallace	9	3	3	.333
Ashworth, J.	34	10	11	.323
Ballard	35	3	11	.314
Johnston	33	9	10	.303
Barlow	33	4	10	.303
Melia	34	8	10	.294
Henson	14	1	4	.286
Jones	25	6	7	.280
Connors	19	2	5	.263
Saragian, M.	45	15	11	.244
Donovan	30	9	7	.233
Corron	30	7	7	.233
Smith, E.	18	6	4	.222
Saragian, P.	32	7	7	.219
Hall	16	5	3	.188
Clark	30	3	5	.167
Nash	37	8	6	.162
Benoit	29	6	4	.136
Murray	8	1	1	.125
Kennedy	16	4	2	.125
Moss	6	0	0	.000
McGowan	6	0	0	.000

PITCHERS' RECORDS

	W	L	%
Connors (Yard)	3	0	1.000
Leonard (Foundry)	1	0	1.000
Ballard (Spinning)	5	1	.833
Nash (Spinning)	4	3	.571
Peloquin (Speeders)	1	1	.500
Jones (Foundry)	4	5	.444
Campo (Yard)	3	6	.333
Britton (Speeders)	2	3	.400
Ashworth (Speeders)	1	3	.250
Moss (Speeders)	0	2	.000

RESULTS TO DATE

May 5	Foundry	3	Yard	2
" 7	Spinning	14	Speeders	5
" 14	Spinning	10	Yard	8
" 19	Speeders	6	Yard	2
" 26	Spinning	9	Speeders	3
June 2	Yard	10	Spinning	4
" 9	Foundry	13	Spinning	7
" 11	Speeders	18	Yard	11
" 16	Foundry	12	Yard	3
" 18	Spinning	16	Speeders	8
" 23	Speeders	8	Foundry	3
" 30	Yard	9	Speeders	5
July 2	Foundry	10	Spinning	1
" 7	Spinning	7	Speeders	6
" 14	Spinning	11	Yard	1
" 16	Speeders	14	Foundry	13
" 21	Spinning	7	Foundry	6
" 23	Yard	15	Speeders	6
" 28	Yard	12	Foundry	10
" 30	Spinning	8	Speeders	7

We continue our automobile episode of last SPINDLE, in which Mrs. Hamilton Walker and Mr. Raymond Adams of the Production Department figured. Ray in the last story mistook Mrs. Walker's Essex for his own, and had almost completely washed it for her before discovering his error. We find now that there is more reason than ever for painting in large letters the owner's name on the outside of the car.

It seems that Mrs. Walker parked her car in front of the Church Street garage and a few minutes later Mr. Adams drove up and parked just ahead of the other Essex. When Mrs. Walker came out of the garage she was on her way into Ray's car, when he had the great pleasure of telling which one was which. He feels now that he has been paid for his extra labor.

Why We Talk Safety

We talk safety in our magazine and on our bulletin boards to remind men of important things which they are constantly forgetting, not to supply any defects of their intelligence. We believe that the average man is normally careful, but human resolutions and purposes are frail things, and it is these lapses, rather than willful recklessness, that constitute nine-tenths of what is usually called "carelessness." Our safety talks and safety rules are signposts to prevent you from wandering unintentionally from the path of safety into the slippery detours of negligence and unsafe practices.

If there is any place where an accident can't happen, insurance companies would like to find out where it is. In 1923, one company paid claims for 143 accidents caused by shaving, 82 by slipping in bath tubs and, strangest of all, 39 which happened while the insured was getting in or out of bed!



AMERICAN STEEL & WIRE CO.

1st row: Elmer, rf.; Gould, 2b.; Malone, c.; Cronin, 3b.; Soderburg, ss. 2nd row: Gates, 1b.; McCune, coach; Hubbard, cf.; Benson, p.; Turner, lf.

Aug. 4	Foundry	16	Speeders	4
" 6	Yard	4	Spinning	1
" 11	Yard	2	Speeders	1
" 13	Spinning	5	Foundry	2

Runs scored by	Runs scored against
Spinning 99 (13 games)	Spinning 83
Yard 79 (12 games)	Yard 87
Foundry 88 (10 games)	Foundry 63
Speeders 92 (13 games)	Speeders 125

Sympathy

"As I was walking down the street," says a contributor to 'The Line' in the *Chicago Tribune*. "I saw an auto with the sign, 'Say It with Flowers,' appropriately tied to the bumper. Isn't that what you'd call the essence of forethought and politeness?"

Not all the jay-walking is done on the streets. Some is done on the gas accelerators.

Driving onto oiling stands at the garages is sometimes rather uncertain business, but appears more difficult than it really is. However, the drivers do miss hitting the run-ways now and then, as Edward Driscoll, Works Cashier, will testify. He tried his luck at the Linwood Avenue Garage recently, and the better part of half an hour was spent extracting his car from the driving racks. Of course many of Mr. Driscoll's friends had to turn up at this time and many explanations were made.



Members of the W. C. A. at Picnic Point
Our Directors, Harry MaLette, Ruth Calhoun and Moses J. Brines
(Photos by Phillip Walker)

Several members of the Whitin Community Association spent Saturday afternoon, June 28, at Picnic Point. A basket lunch was served in the evening. It was an exceptionally fine afternoon and those who participated had as congenial a time as one would ask for. The afternoon was spent in games of volleyball, short distance races, and in very humorous sack and three-legged races.

The ladies defeated the men in a baseball game by the close score of 55 to 49, or something similar—we don't quite remember the score.

Photographs shown above were snapped by Philip Walker of the Carpenter Shop Office.

Why dream of the Florida beaches. Swim all winter in the Whitin Pool and enter the "Century Swim" contest.

"Where there's a will there's a way," said the speeder. Unfortunately he didn't make his will first.

Swim from Springfield to Boston

The Whitin Community Association plans to make the "Century Swim" one of the outstanding events of the year. This event will carry through from the fifteenth of September until the last of May.

"What is the 'Century Swim'?" To put it briefly, it will be a swimming contest in which every member is invited to take part in a hypothetical swim from Springfield to Boston. It will be carried on at scheduled times under special leaders, and each competitor's distance in the pool will be recorded and will be charted up on a large poster in the main lobby. On the route from Springfield to Boston there will be ten different test stations. At these stations the competitor may increase his number of points by undergoing certain designated swimming strokes and diving tests.

What is the object of this contest? There are a large number of swimmers

at the present time using the pool, and it is believed that greater accomplishments will be made if there is a definite incentive added to the natural sport of swimming. There will be friendly rivalry in the different groups and the women and girls will be competing against each other as well as against the men. Many of the swimmers would be surprised at the distances they could make with the same energy they are now spending with no definite purpose. A fraction of a mile or more each time one goes in swimming will shortly count up to real distances. It might be well to remember that there are eighty-eight lengths of the pool to the mile, or a total of eight thousand eight hundred to complete the swim. The rules covering the contest are as follows:

Rules Governing the "Century Swim"

1. Swim will start September 15 and continue until May 30, 1925.
2. All competitors must be members of the Community Association, and must be definitely signed up for the swim. Those who wish to sign up may do so with any of the following—Mr. MaLette, Miss Calhoun, Miss McKaig, Mr. Colthart.
3. Swim will be divided into groups consisting of Senior, Intermediate and Junior, with a champion declared in each group, thus eliminating any unfairness in having a junior swimming against a senior or an intermediate. There will not be any division according to sex.
4. Competitors must always swim under the supervision of one of the following judges, during the hours when you are allowed to use the pool: Mr. MaLette, Mr. Porter, Arthur Ashworth, Peter Houghton, Leon Houghton, Arthur Marshall, Dr. McSheehy, Mr. Brines, Mr. Colthart, Misses Munt, Feen, Calhoun, Birchall, Meader, and Mrs. Hall. Any number of lengths swum without the supervision of one of the above judges will not be official and will not be recorded.
5. Swim will be conducted on a strictly point basis—so many points awarded at each station reached, and so many points given for successfully passing each one of the optional tests in strokes and dives, which will be distributed along the swim at regular designated stations on the big map which will hang in the lobby. The correct number of points given at each station and for each test will be posted separately later.
6. The optional tests are put in for the specific idea of *education* in swimming and diving. These tests are *not* compulsory, but if taken will serve two purposes: (a) to help the individual to become more proficient in swimming and diving; and (b) to add points

to the total distance which one swims. Test stations will be designated by red dots on the big map.

7. The winner in each division (Senior, Intermediate, Junior) will be the person who, on May 30, 1925, has amassed the greatest number of points.

8. Small tags will be hung on the map with the name of each competitor. These will be hung at the respective station as the person arrives at that station, and will subsequently be changed as the person arrives at the next station.

9. Remember, this is all educational as well as healthful, because after you have covered the required distance, you have not only improved your health, but have accomplished new strokes and new dives.

10. Competitor must swim at least six lengths at each try before credit will be given for any distance covered at that trial.

11. Only lengths which are done on one try in one day will be recorded. *Example:* A person cannot swim fifteen lengths and rest, then go back and swim fifteen more and get credit for thirty lengths.

12. *Century Swim Slogans:*

1. Beat him in and beat him out.
2. Boston or bust.
3. Get in the swim.
4. All "fish" and no "crabs."

For Your Information

The program for the coming year in the Whitin Community Association has not yet been fully completed, but you may rest assured that a bigger and better program is being planned.

All organized gym classes will start October 6 and will terminate sometime during the latter part of April or the first part of May. The old familiar Men's Nights and Women's Nights will again be part of our fun, and it is hoped to have a few one-act skits distributed throughout the year.

Another Gymnastic Exhibition by Springfield College will be given, this time by the Varsity Team instead of the Freshman. Swimming Exhibitions will be held and it is hoped that we can get some of the Olympic champions here again.

A bigger and better basketball schedule is being planned, and we hope to show the members some new opponents on the floor.

A small schedule card having hours of classes and all dates of activities will be published and distributed sometime before October 1, 1924, so that all interested persons, especially members, can reserve their nights ahead.

The Boys' Swimming Team will again represent the Association, and it is hoped that the girls will get busy and get a team organized. Some interesting meets for the boys will be held.

During the month of September, certain days will be set aside for physical examinations. Get interested in your body and watch the development.

Members are requested to familiarize themselves with the new locker system. The chart can be seen in the Physical Department office at any time upon making request to the proper authorities.

Physical Dept., W. C. A.



The above photograph shows Miss Dorothy Aldrich and a little four-months-old Airedale puppy named "Pepper." "Pepper" has only been a few months on this earth, but already has made quite a name for himself in Northbridge Center. He is no relation to the famous "Whiffus" of the *Boston Herald* fame but is one of the brightest "Whoffers" in captivity. If he is asked how old he is, he will bark in his "whoffing" way four times. If asked to say "Hello," he will whoff once, twice for "Yes," and three times for "No."

Loren Aldrich tells us he is the smartest dog that ever went over Northbridge Hill. He has a special liking for doughnuts, but will never eat more than two at one time—and what is more remarkable, he eats them hole and all. He will balance a doughnut on his nose and will remain in that position as long as his trainer points his finger at the doughnut. As soon as the finger drops, the dog tosses the doughnut in the air, whereupon it immediately disappears.

There have already been several offers of good money made for the dog and with his present ability to learn tricks he should be eligible to sign up with Barnum & Bailey at the end of six months.

Mr. Aldrich tells us that these stunts have all occurred during "Pepper's" stay at the Aldrich home while William Greenwood of the Main Office, who is owner of the dog, was on his vacation. For further information on the development of this dog's ability we refer you to Mr. Greenwood



Martha Machoian

A very sad accident happened in the family of Stephen Machoian of the Comber Job, on Wednesday, July 2. His daughter Martha was accidentally shot while visiting at her grandfather's home in Uxbridge. She was instantly killed. All the members of the shop felt keenly the sorrow which has come to the Machoian family, and we are reproducing here a picture of Martha during one of the many happy moments of her life.

A lesson ought to be brought home to everyone of us in thinking of this accident—that loaded guns should never be allowed around the home under any circumstances.



PERCIVAL D. BAXTER
Governor of Maine



CHANNING COX
Governor of Massachusetts



F. H. BROWN
Governor of New Hampshire



WILLIAM S. FLYNN
Governor of Rhode Island



REDFIELD PROCTOR
Governor of Vermont



CHARLES A. TEMPLETON
Governor of Connecticut

Governors

of
New England

States

Support

New England

Week

Boost New England

New England Week September 15 to
September 20

Are you proud to be a New Englander? So are we. You will be given an opportunity to show that you are; in fact, it will be your duty to prove that you are a proud and progressive citizen of this proud and progressive group of states.

The week of September fifteenth to September twentieth inclusive is to be set aside for the purpose of bringing to the attention of other groups of people in these United States the fact that New England is very

much on the map, especially in the industrial field, and is a power to be reckoned with.

So much for the effect upon the country at large; but there is a lesson to be learned by New Englanders themselves in this forthcoming demonstration—not only must we impress the outside world with the intrinsic values to be found within our borders but we must renew our own appreciation of them as well.

The following facts should be absorbed by each and every New Englander:

New England is suffering from a severe industrial depression.

The *causes* for this condition may be attributed in a great measure to New Englanders themselves. Our attitude toward our industries has not always been constructive—we have lacked pride in and appreciation for our own products and in this way have allowed outside competition to creep in and replace the work of our minds and hands.

The *results* are seen in a falling off of demand for what New England can produce; they are seen in the movement of shoe orders to the West, they are seen in the movement of the textile industry to the South and they are seen in the almost utter lack of New England participation in the great automobile industry of today.

The *remedy* for the most part rests in the hands of the dwellers themselves in New England. We must renew and revive our pride in the quality of our products; we must see that they are featured at home and, finally, we must insist on being sold New England products, at least for the week of September 15—New England Week.

“By your works shall you be known.”

WORK FOR, BUY IN,
BOOST NEW ENGLAND!

After a long illness covering more than half a year, Frank Larkin, a member of the Production Department, died at his home on Church Street in the month of July. It was known for some time that there was little hope held out to the family of Mr. Larkin for his recovery, and it was with remarkable courage that Mr. Larkin came to the end of his life's journey.

He had been employed here since September, 1912. His first position was as a member of the Spindle Department. Later he was transferred to the Automatic Chuck Job, and then to the Production Department soon after it was established. He was employed in that department as a piece-rate setter.

He was very much interested in the social life of the shop, and for several years was captain of one of the Office Bowling League teams.

The sympathy of his friends in the Whitin Machine Works is extended to his family.

The Blacksmith of Old

We have heard a great deal in the past SPINDLES about the merits of the blacksmith, as written by our competent editorial writer and foreman of the Blacksmith Shop, Charles Burlin. We have decided that he has pretty good background for his authority because we recently, ran across, in a clipping, a reference to the blacksmith among the very ancient writings now in possession of the modern civilized world. It is a short paragraph entitled "The Smith of Long Ago," and reads as follows:

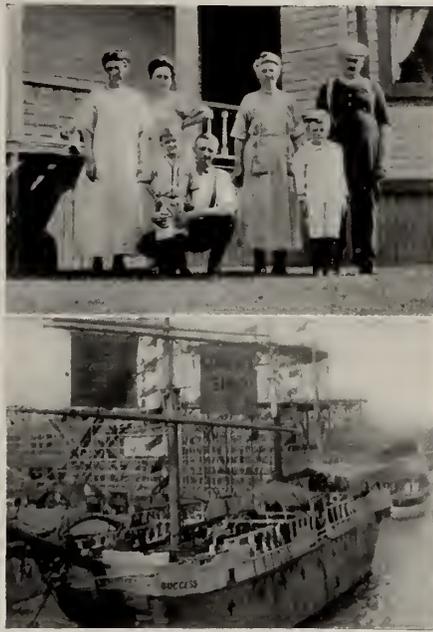
"The smith also sitting by the anvil and considering the iron work, the vapour of fire wasteth his flesh, and he fighteth with the heat of the furnace; the noise of the hammer and the anvil is ever in his ears, and his eyes look still upon the pattern of the thing that he maketh; he setteth his mind to finish his work, and watcheth to polish it perfectly.—*Ecclesiasticus.*"



Old Timers

Barney Devlin, one of our old-timers and a member of the Spinning Job, has evidence of having done some steady work during the last three or four years. The hammer shown above had its handle practically worn out in three years balancing coupling heads. The file handle was worn out during four years' service and was used on filing spinning trucks.

In grasping the handle we noticed that it was impossible for us to make our fingers fit into the grooves as worn by Mr. Devlin's hand. George Giguere, assistant foreman on the job, was taking considerable pleasure in watching our performance, when it dawned on us that the handles might fit the left hand. We discovered then that Mr. Devlin is left handed.



DETROIT TOURISTS

Mrs. Harnke Buma, Mrs. Sydney Buma of Detroit, Dirk Buma and his son Sydney, Mr. and Mrs. Wendermeer and son William of Worcester.

Dirk Buma, a member of the Roll Job, spent his vacation on an automobile trip which took him to his destination in Detroit, Mich. The trip took in all about eight days, and was made via Albany, Buffalo, Cleveland and Toledo. At Detroit they visited at his brother's home.

While in Detroit they had the opportunity to visit the Convict Ship *Success*, which has been in this country for several years, and is the last one of the convict ships which sailed between England and Australia. It has a very gruesome history and Mr. Buma tells us he was very much impressed by the contrast between the torture methods of the old days and the manner in which we treat prisoners today. That comparison is the object of the ship. More than half of its passengers have been known to die from maltreatment and confinement on the passage to Australia.

Joseph Pelletier and William Horgarth of the Metal Pattern Job were trying their luck fishing in Meadow Pond recently, when they hooked a large bass. All efforts were concentrated on landing the big catch and much advice was passed back and forth. Finally the big bass settled the question by breaking both the pole and the line and disappearing into the watery depths in a cloud of blue smoke originating from the boat.

Garden Show in Community Building

The fall exhibition of the Whitin Home Garden Club is to be held this year at the George Marston Whitin Memorial Gymnasium on September 19. Extensive plans are being made by the committee and without doubt it will be the best garden show that we have had in this town. Those who remember the past two garden shows will certainly want to plan to be present.

The exhibition will be open in the afternoon and evening. An entertainment will be furnished from 8 to 9 p. m., which will be followed by dancing from 9 to 12.

At six o'clock the members of the Whitin Home Garden Club will have a banquet in Odd Fellows Hall, during which vegetables from the gardens will be served.

The committee in charge of the entire exhibition wish it to be distinctly understood that not only are the members of the Home Garden Club eligible to exhibit, but that anyone in Whitinsville having a garden is urged to send in his best varieties.

Besides the garden products there will also be an exhibit of cut flowers.

The chairmen of the committees are as follows: Hall and Reception, Harley E. Keeler; Decorating, Fred Hathaway; Printing and Publicity, Fred Burroughs; Supper, Gilbert Harwood; Entertainment and Dance, Joseph Cahill.

Automobiles in Whitinsville will have to have a name or some definite mark of distinction if the members of the shop are not to continue to get into amusing situations.

We have two more cases to record this month in the SPINDLE. The first one is that of Hugh Ferguson of the Superintendent's Office and William Stewart, one of our elevator operators, who make it their custom to ride home with George Gannon of the Drafting Room whenever Gannon comes to work in his Ford sedan. One afternoon Mr. Ferguson and Mr. Stewart waited in the Ford until twenty minutes past twelve for their chauffeur to come down from the Drafting Room. They finally got discouraged and walked home to dinner. They found out

later they had been waiting in the wrong sedan, as Mr. Gannon had gone home fifteen minutes early that noon.

The second case was that of one of the former members of the Employment Department, William Morrison, now a resident of Waterbury, Conn. He had parked his car in front of the Main Office and was inside seeing some of his old friends, when Jerry Foley, a member of the Main Office, parked his car ahead of Mr. Morrison's. When Morrison came out of the office he got into the front car and was having some difficulty in getting it started when he was asked from across the street by an amused onlooker if he hadn't better look at the number plates before driving his car away. He did, and decided to get into his own car with the Connecticut number plates.

Blue Eagle Inn

Continued from page 3, column 3

with one of the largest insurance companies in America stated that he preferred to spend the night at the Blue Eagle Inn rather than the big hotels of Worcester, because after ten o'clock the jazz orchestras and general hotel noises were eliminated. He further added that the food was excellent and much more to his liking than the general hotel fare.

Mr. Durrell informs us that he has heard this expression many times from his guests.

Mr. and Mrs. Durrell make the Blue Eagle Inn their home and take a personal interest in what might be called their large family. In fact, we know of a time before the District Nurses were boarding at the Inn, when Mrs. Durrell personally nursed as many as four of the boys who were sick, and even with the nurses there her interest has been such that many people refer to her as "Mother Durrell."

Mr. and Mrs. Durrell have been ably assisted by Horace Bassett, who has been with them a little more than ten years, not including the time which he served in the World War.

Mr. and Mrs. Durrell's son Blynn was Manager of the Blue Eagle Inn Annex for a year and a half. His record showed that he was a very efficient Manager, and there was



Joe Cheechi in his role as song leader. Sally Jones and the prize fish. The fishermen, before the hard day's battle on the briny deep.

a great deal of sadness felt by the employees of the Whitin Machine Works when his death occurred in September, 1918, during the epidemic of influenza.

Their daughter-in-law, Mrs. Sadie Durrell, has been living with them and has taken active part in the running of the hotel. At the time the group photograph of the employees was taken she was spending her vacation in Maine.

The cost of living at the Blue Eagle has been made very reasonable for the conveniences available. Double rooms with board can be had for \$9.25 a week and single rooms at \$9.75. For transients the price is \$3.50 a day or \$20 a week.

With the Cod and Haddock Off Swampscott

On Saturday, July 12, a group of twenty-five members of the Whitin Machine Works enjoyed a fishing trip off the coast of Swampscott, Mass. The party left here about five o'clock in the morning and put out to sea a little after seven. It was a very successful day, the largest fish which weighed about fourteen pounds going to Sally Jones of the Pattern Loft. The sea was very calm and no casualties were suffered from seasickness. In fact the trip was such a success that another one was planned for August 23.





Sections of telephone wire burned out by lightning

The above photograph of ragged looking wire insulation was taken from the telephone line leading into the home of Chester W. Lasell, President of the Whitin Machine Works. The wire was entirely melted out of the insulation during an electric storm which occurred in the week ending July 12. In this same storm, one of the severest of the summer, lightning struck the homes of C. W. Lasell, Mrs. G. M. Whitin and E. Kent Swift. Very fortunately no fires were started and no one was hurt.

Garden Prizes Awarded

David Marshall, foreman of the Loom Job, and Nazairre Laferriere of the Foundry, were the prize winners for the best gardens in the mid-summer inspection made by the Whitin Home Garden Club. Herbert Reiner, Assistant Agricultural Agent of the Worcester County Extension Service, was the judge of the gardens. The task was no easy one as he had to inspect nearly 150 gardens and rate them on the basis of 20 points for condition, 10 for value, and 10 for variety. David Marshall won first place with 36 points out of a possible 40, and Nazairre Laferriere won second with 35 points.

Special prizes were given for the best potato patches, of which there were 50. Robert Smith won first prize and H. A. Graves second, with four tied for third place.

A special prize was also given for the garden in the best condition, and was won by Lawrence Donovan and Arthur Clark. Their garden had 19 points out of a possible 20 for condition. In this garden Clark and Donovan had set out 1600 strawberry plants this year.

The list of prizes is as follows:



1st, Garden of Jacob Harringa; 2nd, Garden of Arthur Clark and Lawrence Donovan; 3rd, Garden of Harley Keeler; 4th, Garden of Naz. Laferriere; 5th, Garden of Robert Smith; 6th, Garden of David Marshall

TAYLOR HILL			
Lot No. 1.....	Garden No. 11.....	36 points.....	David Marshall.....\$1.00
Lot No. 2.....	Garden No. 8.....	26 points.....	Fred Hathaway..... 1.00
Lot No. 3.....	Garden No. 34.....	31 points.....	A. Hamilton..... 1.00
Lot No. 4.....	Garden No. 38.....	34 points.....	W. W. Sproat..... 1.00
Lot No. 5.....	Garden No. 65.....	34 points.....	H. E. Keeler..... 1.00
Best garden on Taylor Hill—Garden No. 11, David Marshall..... 1.00			
NEW FAIRLAWN			
Garden No. 9.....	32 points.....	T. Van Dyke.....\$2.00	
OLD FAIRLAWN			
Garden No. 7.....	34 points.....	Gilbert Harwood.....\$2.00	
CRESCENT STREET			
Garden No. 9.....	35 points.....	Naz. Laferriere.....\$2.00	
BRICK SCHOOL			
Lot No. 1.....	Garden No. 13.....	31 points.....	John Baker.....\$1.00
Lot No. 2.....	Garden No. 6.....	32 points.....	Klaus Dniries..... 1.00
Lot No. 3.....	Garden No. 24.....	34 points.....	J. Harringa..... 1.00
Lot No. 4.....	Garden No. 60.....	32 points.....	A. Carriere..... 1.00
Best garden at Brick School—Garden No. 24, J. Harringa..... 1.00			
BEST POTATO PATCH			
1. Garden No. 10.....	Robert Smith.....	38 points.....	New Fairlawn.....\$3.00
2. Garden No. 7.....	H. A. Graves.....	37 points.....	Taylor Hill..... 2.00
SPECIAL PRIZES FOR POTATO PATCHES SCORING 36 POINTS			
Garden No. 3.....	James McQuilken.....	Taylor Hill.....\$1.00	
Garden No. 18.....	Robert Gusney.....	New Fairlawn..... 1.00	
Garden No. 1.....	George Armston.....	Old Fairlawn..... 1.00	
Garden No. 5.....	Jeremiah Connors.....	Old Fairlawn..... 1.00	
SPECIAL PRIZE FOR GARDEN IN BEST CONDITION			
Garden No. 2 and No. 3.....	Lawrence Donovan and Arthur Clark.....	Old Fairlawn.....\$3.00	
TWO BEST GARDENS			
1. Garden No. 11.....	David Marshall.....	36 points.....	Taylor Hill.....\$5.00
2. Garden No. 35.....	Naz. Laferriere.....	35 points.....	Crescent Street..... 3.00



The
WHITIN
Spindle



Whitinsville Social Library

SEPT. - OCT.
1924
Vol. 5 No. 10

112001



IMPRESSIONS OF EUROPE AS RECORDED BY THE CAMERA

- | | | |
|--|--|--|
| 1. A view in Karlsbad. | 8. Two Swiss girl candy venders. | 15-16. Beach scenes at Ostend. |
| 2. German boys. | 9. R. T. Comer at lunch. | 17. Ice delivery wagon. |
| 3. Austrian Tyrol. | 10. Here's how. | 18. The Thames from the London embankment. |
| 4. The summer palace in Vienna. | 11. View of Place Vendome, Paris. | 19. Swiss village. |
| 5. A view of Bautzeu. Bautzeu, Germany. | 12. Notre Dame. | 20. Aquitania being docked. |
| 6. German block house near Ypres. | 13. Peasants in the field. | |
| 7. House in Neustadt, where Martin Luther stopped. | 14. Mr. Walker of the American Textile Machinery Corporation and Mr. Swift at Lille, France. | |

The WHITIN Spindle

VOLUME 5

WHITINSVILLE, MASS., SEPTEMBER-OCTOBER, 1924

NUMBER 9

E. Kent Swift Finds European Industrial Conditions Better than Generally Believed Here

At the suggestion of the Editor of the SPINDLE I am very glad to give a few impressions of the trip which I made to Germany, Austria and France during August of this year. Two weeks were spent in Germany, in the industrial section, particularly that part centering around Dresden and Chemnitz in Saxony. A visit of this length of time allows, of course, an opportunity for only a superficial study of the conditions there, but to the person who is interested in investigating conditions sufficient information is at hand to get a fairly clear idea of just what the situation is. Particularly is such a study interesting to one engaged in manufacturing, as Saxony is one of the great workshops of Germany.

As one motors through the rolling country, where every bit of the land is cultivated—either set apart for forests or for grain fields—and dotted with villages, each of which has its factories and smokestacks, one is impressed with the wonderful wealth-producing qualities of the country. This section is somewhat apart from the Ruhr, the occupied section of Germany, and so has not been touched directly by the war and the occupation. The writer travelled through this section very thoroughly and from all outward appearances found the people well cared for and reasonably prosperous, with no evidences of starvation, with no beggars on the streets, with the cheap restaurants and amusement places fairly full of people, and with no signs of unemployment. While the clothing of the people seemed to be of rather inferior quality and showed evidences of wear, yet in no way did the German people seem to be suffering.

On the other hand, through this section were seen new additions to factories, new factories, and new equipment being installed, and up

to the last few weeks the factories were very fully employed and had plenty of work. The wages at which men and women were employed were very low, in the cities a skilled workman receiving from \$6 to \$9 a week, and in the country districts about \$1 a day. Farm labor and rough labor received \$1 a day, where they boarded themselves. Women received anywhere from \$3 to \$4.50 a week, depending upon the location. The hours of labor ranged from 51 to 53 hours a week, and in the farming district labor was employed 10 hours a day.

In the mechanical equipment the German factories were equal to what we have in our own country, with the exception that there was not quite so much automatic machinery, and the speeds of the machines were not quite so high as is customary



Mr. E. K. Swift is a representative of one Nationality among five in this group

here. On the other hand, the piece-rate system was quite universal, and the workmen were given, if anything, more machines to operate than they are here.

In other words, the impression which one receives from industrial Germany is that she is very well and fully equipped with all the tools of industry and has a large population of skilled and experienced workmen ready and anxious to work and willing to work at a very low wage; that while the standard of life of the German workman is very much below that of the American workman—in fact, he has to be content with very much inferior clothing

and food and lives in a small apartment house, as a general rule, with few rooms—yet taking it all in all, he is not suffering, and when this industrial machine which exists in Germany is put into full operation, with its low wages, America and other countries will be brought into contact with a competition which it is going to be exceedingly difficult for us to meet.

What is holding back Germany today is the lack of ready money necessary for buying raw materials and carrying on the operations of business. It is the great hope of the German Industrialists that the Dawes plan will be put into effect, and that a large loan will be made to Germany which will enable her factories to reach out and extend their operations into the rest of the world. The writer came home feeling more and more convinced that if we are to protect the standard of living which the American workman enjoys it is absolutely necessary that his labor be protected by a tariff on the product which he manufactures, as it is a matter of simple arithmetic to see that if you can manufacture the same article in another country at one-third to one-quarter of the labor cost of this country the article can be sold here at such a low price as to take away the work and the bread of the American workman.

This article is not intended to be either political or economic, but the writer would like to bring home to the readers of the SPINDLE the fact that the economic prosperity and progress of American industries must be based on a tariff adequate to protect the scale of living and the wages of the American workman, as the same article can be made abroad much cheaper than it can here. If Germany is financed, as it now seems likely she will be, it is not at all inconceivable that in the next ten years Germany may, along economic and business lines, win the war after all, as her industrial situation today is better than that of her great commercial rival, England, where there

are over a million people unemployed at the present time. Furthermore, Germany's industrial capacity to produce in districts outside of the occupied area is far greater than it was previous to the war, and her factories are enlarged and improved and all ready to do their part, with a population willing and ready to work at a very low wage.

During this interesting trip, the writer went into a great many of the mills and also into some of the large machine shops over there. We consider the Whitin Machine Works an excellent institution, but one plant, that of Hartmann & Company at Dresden and Chemnitz, manufacturing cotton, woolen and worsted machinery, likewise boilers, engines, pumps, etc., and employing something like 14,000 people in all, would be a revelation to us.

Travel in Europe today is somewhat difficult, owing to the differences in the exchange rate. The dollar seems to be the standard for the world, and when in a three and a half weeks' trip one deals in currencies in which one has to figure German paper marks at four billion to the dollar, Czechoslovakian kronen at 33 to the dollar, Austrian kronen at 70,000 to the dollar, French francs at 18.50 to the dollar, and English pounds at \$4.50, with all the various fractions connected with these denominations, one's head frequently gets in a whirl. In every way, the traveler pays. One continental custom that is rather new is the adding of taxes to hotel bills. Service is now recognized as being a proper charge, and appears on the bill. In one hotel in Germany the writer received a bill to which were added the following items: 10% for the State, 20% for the City, and 20% for service—or an addition of 50%.

In going through something like seven countries in three and a half weeks, one has many impressions. From necessity this short article cannot cover them all, but one can say this—that one always returns to America after a trip away a better American than ever before and with the feeling that we have more of the blessings of civilization, a more contented people and a better country to live in.



MORE EUROPEAN VIEWS

1. The market place.
2. A group of fishing boats.
3. French bread for sale.
4. A corner in the housing district.
5. A cart in common use.
6. Harbor View.
7. A detailed view of the beach at Ostend, showing the means of bringing the bath houses to the water.
8. A goose girl.

Riding the Restless Waves

The second deep sea fishing trip from the Whitin Machine Works took place the latter part of August. The autos left here at four o'clock in the morning for Swampscott where the party transferred to a forty foot fishing boat and was soon out among the ground swells. Of the thirty fishermen, twelve succumbed to that uncomfortable illness of the restless sea.

Winford Jones of the Pattern Loft and James Marshall of the Sales Force passed one of the quietest days of their lives, but made a great fight against big odds.

The first prize was captured by Harry Drinkwater, foreman of the Flyer job.

The third deep sea fishing trip was held off Scituate on September 24. Of the thirty fishermen at least half a dozen were among those who suffered from seasickness on the last trip. They all counted on a smooth sea but were disappointed and were again unfortunate.

The prize for the largest fish went to Robert Ferguson of the Comber job, and second prize went to Leon Wood of the Spooler job.



Two down, but the rest are ready for action



Frank Aldrich

Long Service Series

Congratulations are being extended to Frank Aldrich of the Tool job, who completed fifty years of continuous service in the Whitin Machine Works the week ending October 18. An article in our long service series, February 1923 issue, gave a brief sketch of Mr. Aldrich's work here in the shop. We think it deserves reprinting at this time.

He came to work in the Whitin Machine Works on October 21, 1874, and started as an apprentice for Thomas Lowe on the old Repair job. After a year he was transferred to the Card job under Henry Flanagan and Howard Burbank and for six months was a member of the Railway and Drawing-roll jobs under George Carr. He returned to the Card job where he completed his time. For six and one-half years he served as second hand on the Drawing-roll job. When business became slack in this department he was transferred to the Small Tool Room under William Dixon, and later was sent to the Spindle job as a toolmaker for Henry Woodmancy. He returned to the Small Tool Room in 1892 and has been a member of that job ever since.

Mr. Aldrich was born in Upton in 1857, and for thirty-five years has been running his grandfather's farm on Quaker Street, Upton, as well as working in the shop. Mr. Aldrich is a direct descendant of one of the first settlers of the Blackstone Valley. His present home is over one hundred years old. We

asked Mr. Aldrich how he managed to keep up his work in the shop and at the same time run the farm, and he informed us that for the past thirty years the same hired man has been with him and that except for about three weeks in the summer he leaves the farm work entirely in his hands—a remarkable record as an employer of labor.

He has walked to work, a distance of two miles and a half, every morning for the past ten years with one or two exceptions. He attributes his good health at present particularly to this exercise. In the past forty-eight years Mr. Aldrich says he does not believe he has been late more than six mornings.

Mr. Aldrich is also an automobile enthusiast and has had several models of cars. At the present time he swears by the Studebaker Special Six. His duties in the shop and responsibilities of the farm would be too much for many workmen to carry. When his car calls for him as the shop closes, he has an opportunity to enjoy a few minutes of the reward of his hard labor.

Bert Hill held a reception on Lebeau Hill during his week off. We are not sure whether Bert enjoyed the job or not, but the boys all admired the pretty baby in the beautiful baby carriage. We do not know of any more useful occupation.

Soccer Season Starts

The Whitin Soccer Football Club entered the Massachusetts Central League this year, an organization composed of seven teams including, besides the Whitin team, the Clan Scotts of Worcester, Clinton Uniteds of Clinton, the Scandinavian A and B teams of Worcester, the Crocker-Burbank team of Fitchburg and the Worcester Rangers.

To date the team has played three games. Two games were tied, the score being 2 to 2 against the Clinton United and the Worcester Rangers. The Scandinavian A team, considered by most of the soccer fans as being the fastest team in the league, defeated the Whitin team 5 to 2. This is the fastest team the Whitin team has played in several seasons, in fact, several of our players admitted that they were badly winded after the first half of the game.

This year's team is composed of the following players: William Wilson, goal; Herbert Ashworth, right back; Alexander McFarland, left back; Fred Cowburn, right half-back; Robert Holmes, left half-back; Edward Nuttall, center forward; Robert Wilson, center half-back; Harry Jackson, outside right; James Ashworth, inside right; William Smith, outside left; John Davidson, inside left. Daniel Gonlag and George Wilson are being used as utility men. The team is being managed by Thomas Colthart.



Between Bites the Fishermen face the Camera

A Brief History of Japan's Cotton-Spinning Industry

How Has It Grown so Rapidly as to Be at the Top of the Principal Industries of the Country at Present?

Mr. T. Asabuki, sole agent for the Whitin Machine Works in Japan, sent us a letter from his office in Tokio, in which he stated that he was enclosing a copy of a translation about the cotton spinning industry in Japan. This article appeared in one of the leading journals in that country and Mr. Asabuki believes it will be of interest to us. We certainly ought to be as well posted as possible on the cotton spinning industry in the leading nations of the world, and are very grateful to Mr. Asabuki for contributing this article.

The cotton-spinning industry of Japan has attained a rapid progress in comparatively a brief period and at present it may be named as one of the principal or basic industries of the country, when considered from the magnitude of its invested capital as well as from the colossal amount of the imported raw cotton and also the exportation of the manufactured yarns.

Kagoshima Spinnery, the Pioneers in Japan

In order to trace the origin of our cotton spinning industry which attained the present state of prosperity, we must go as far back as 1863, when Lord Hisamitsu Shimazu, following up his father's bequeathed designs, had imported some spinning machines from England, and erected a modern spinnery at Isonohama in Kagoshima. The products from this spinnery having been favorably received by the public, the Kagoshima Government, intent on extending the industry to other provinces too, opened another spinnery at Sakai.

In 1864 the prices of commodities having advanced abnormally in Yedo (Tokyo), the Tokugawa Shogunate gathered the views of the leading merchants, as to the best means to force down the prices, when Mampei Kajima, a cotton merchant, emphatically advocated of the importance of establishing modern spinnery for cotton. Accordingly, Mr. Kajima was commanded to speed up the erection of some such mills. He then tried hard to get the people interested in subscribing toward the

enterprise. Machines were ordered from England at last. But this scheme was interrupted by the War of Restoration by which the Shogunate Government was overthrown. After a lapse of a few years in which much hardship was suffered, spinnery was at last established in 1872 at Takinogawa, a suburb of Tokyo, which was the pioneer of people's spinnery. In 1877 Nagoya Spinnery was established and in 1879 Himeji Spinnery and also Dojima Spinnery made appearance.

After the war of 1877 (Saigo Rebellion), the Governmental finance was seriously handicapped by a depreciation of the currency, and the then Deputy Minister of Finance, Matsukata (afterward Prince), had, in order to restore trade balance, encouraged the establishment of modern spinnery in the cotton producing districts, and took steps to import some spinning machines from England which were sold to the people on easy terms of 10-year installment, free of interest. At the same time, the model spinnery was founded at Hiroshima and Nagoya. In 1882, under the espousal of Mr. E. Shibuzawa (now Viscount) and late Mr. D. Fujita (afterward Baron), Mr. J. Yamabe who was abroad at that time was commissioned to visit England to investigate her spinning industry. Subsequently the Osaka Spinnery (afterward Toyo) was established with a capital of Y. 250,000. This was the sole joint stock company in Japan at the time.

The Beginning of a Rapid Growth of the Industry

Since about 1887 cotton spinneries began to be established in various localities, and they laid the foundation of the present development of the industry. Later in 1893 the direct steamship line to Bombay was opened up and the importation of the Indian cotton has grown rapidly since. In the following year, the import duty on cotton as well as the export duty of yarns were abolished. We were thus enabled to expel the foreign-made yarns from the home markets and at the same time our yarns found the outlets in the Chinese and Korean markets.

Thus our spinning industry which grasped an opportunity in expanding abroad, has, through the two wars—the Chino-Japanese and Russo-Japanese—effected a phenomenal growth. Subsequently, the world war gave our spinning industry a golden opportunity to invade the Oriental and South Sea markets. Of course, the high and ebb tides as there were experienced along with the financial vicissitudes, domestic as well as international, the spinning industry was, on the whole, able to tide over the crisis and it succeeded in solidifying its foundation and the internal circumstances were much improved.

In short, Japanese cotton spinning up to 1893-1894 was in its cradle period. If we could classify it as the first stage of the growth, then

THE WORLD'S ACTUAL SPINDLES

	On Aug. 1, 1923	Percentage	Year Before
Great Britain	56,532,000	36.11	56,605,000
United States	37,397,000	23.88	36,943,000
Germany	9,605,000	6.13	9,500,000
France	9,600,000	6.13	9,600,000
India	7,331,000	4.68	6,870,000
Russia	7,245,000	4.63	7,100,000
Japan	4,877,000	3.12	4,645,000
Italy	4,877,000	3.12	4,645,000
Czechoslovakia	3,503,000	2.24	3,549,000
China	2,680,000	1.71	2,247,000
Spain	1,812,000	1.16	1,805,000
Brazil	1,700,000	1.09	1,600,000
Belgium	1,682,000	1.08	1,609,000
Switzerland	1,512,000	.97	1,200,000
Poland	1,200,000	.77	1,200,000
Canada	1,078,000	.69	1,310,000
Austria	1,022,000	.65	1,022,000
Other Countries	3,171,000	2.03	3,104,000
Total	156,576,000	100.00	154,555,000

N. B.: The above list was compiled by the International Cotton Spinning Association and Japan's spindles seem to include those in the course of installation also, and by no means they will agree with the actual number in operation.

the period subsequent to the Chino-Japanese war would be the second stage, and the period after the Russo-Japanese war the third stage, and the period after the world war must be its fourth stage.

The Position of Japan's Spinning in the World's Arena

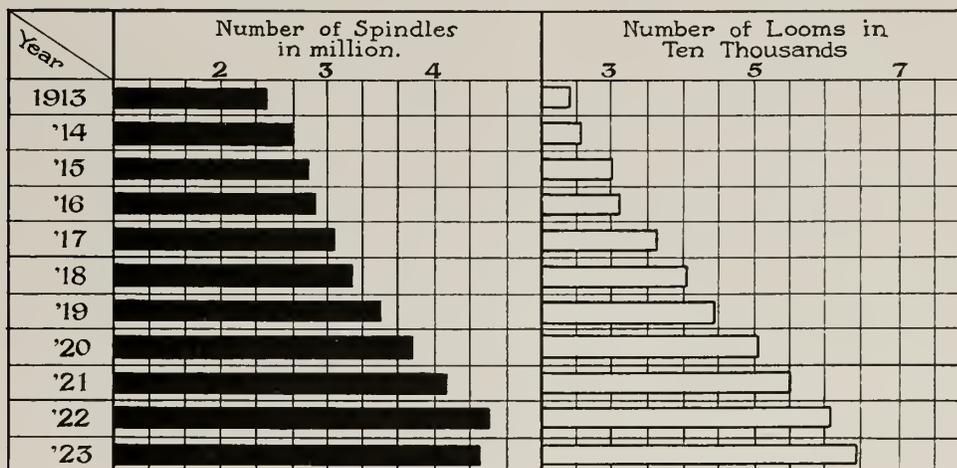
As already set forth, our cotton spinning has thus made a wonderful stride. Now let us compare it with that of other countries. It should be noted that in 1899, the Japanese spinners combined, had only 12/1,000 of the total spindles of the world. Although it has made an extraordinary progress since that time, yet compared with that of Great Britain and also of the United States, our inferiority is still too great. Namely Great Britain possesses over ten times as many spindles and United States seven or eight times as many as ours. Next we find Germany and France, each having about 9,000,000 spindles. Even India and Russia are far above us in their spindles. Japan's position is the 7th in the world, Italy coming close to her heels. Recently the Chinese spinning industry has made a remarkable progress and we must concede that it is no easy work for us to compete with them who are favored by exceptionally low wages, coupled with their geographical advantages they occupy toward the Chinese markets which our spinners have held as one of the principal outlets of their products, in competition with the British and American spinners.

At any rate let us enumerate herewith the number of spindles of the world by the country having over 1,000,000 spindles, together with its percentage as known at the date of August 1st, 1923, also the comparative number at the same date in the year preceding.

Spinning Industry on a Firm Basis

Unavoidable as were fluctuations of the returns of the industry to be encountered with in each period of general industrial developments, our spinning industry was peculiarly successful to tide over the crisis, whether by the encouragement of export or by limitation of productions. Therefore, despite serious de-

Growth of Japan's Textile Industry



pressions were felt from time to time by the other lines of the industries of the country, the spinning companies alone, especially those of the first and second rates, were enabled to maintain tolerably good dividends. So much so, their foundation was made solid and internal circumstances improved. That is why the shares of the first-rate spinning companies were generally welcomed by the public, and the promissory notes of the spinning companies were accepted by the bankers as the gilt-edged papers. Now look at the total returns of the Japanese spinning companies since 1913. Their reserves have been increasing year by year, and at the end of the second half of 1923, they had comprised over 70 percent of the paid-up capital. And as these were reserves transferred as part of fixed capital, or utilized for operating funds, they have smoothed the working of business that much and as they have succeeded in redeeming a large amount of fixed capital each year, their circumstances thereby improved and the business was made easier to run. Although their semi-annual returns now-a-days are showing some decrease in their net profits in comparison with the period of the world war, yet when compared with that of the other countries, they have been keeping up incomparably better showings. The average of the dividends is now lower than that of the highest period, which was 45 percent. But in the second half of 1923 when a general depression of business was felt the country over

the spinning industry alone was able to maintain such a nice average in dividends, 16.7 percent.

Year	Companies	Spindles	Looms
1867	1	5,000	—
1877	3	8,000	—
1887	21	76,000	—
1897	65	97,000	2,105
1907	42	1,540,000	9,462
1913	44	2,414,000	24,224
1914	42	2,657,000	25,441
1915	41	2,807,000	30,068
1916	40	2,874,000	31,295
1917	43	3,059,000	36,181
1918	43	3,226,000	40,391
1919	54	3,487,000	44,401
1920	56	3,813,000	50,583
1921	61	4,160,000	54,996
1922	64	4,515,000	60,765
1923	70*	4,436,000	64,460

*For those in 1923, repairing being not completed yet, Odawara Spinning & Weaving Co. and Jomo Mouslin Co.'s Nerima Mill are omitted.



The members of the "Elm Tree Club" present in the above photograph are L. T. Barnes, E. C. Smith, William Walker, Frank Cross, William Foster, A. R. Fletcher, and Timothy Nutter. There is hardly a quorum present, but these particular members of the club can be found almost any noon hour talking over the order of the day.



1. The Argonne cemetery.
2. A shell hole on the battlefield.
3. The marker at the Jeffrey L. Vail grave.

4. A view of the tower of London.
5. An idea of the damage done by German shells in Verdun.

From London and the Battlefields

Mr. and Mrs. Albert R. Birchall of Forest Street, Whitinsville, spent the months of June, July, and most of August visiting in England and touring the war torn districts of France. Mr. Birchall has been a member of the Whitin Machine Works for nearly thirty-five years and has been foreman of the Card job since February, 1916. Mr. Birchall, at our request, has given us an account of his trip and has let us have a large selection of photographs from which to choose the ones printed here. The account of the trip is as follows.

"We left Boston, May 31, and arrived in Liverpool on the tenth of June. From Liverpool we went to Summerset near Manchester, which was our headquarters during our stay in England.

"We took in the great Empire Exhibition at Wembley where we spent several days. The Palace of Engineering we found particularly wonderful, in fact the whole exhibition was on such a tremendous scale that you could spend days and not go over the same ground twice.

"We found old London to be as

charming as ever, and took great pleasure in the many historical places which we visited.

"From London we crossed the channel to Boulogne, France, where we took a train for Paris. This was the twelfth of July. The next day being a national holiday, as all France was celebrating the Bastille Day, we had the pleasure of seeing about 50,000 soldiers parade to the grave of the Unknown Soldier and there lay flowers on the grave.

"In Paris we visited the birth-place of the League of Nations in Versailles, Notre Dame, and other historical places.

"From Paris we made a trip over a large section of the battlefields. Verdun was still in very bad condition and it was indeed a terrible sight. Whole streets were in ruin and many of the beautiful outstanding buildings were badly damaged.

"Leaving Verdun by automobile we went clear through the sector where the Allies and the Germans fought for four years. In some places it has been left just the same as it was when the war ended; barbed wire entanglements, trenches and dug-outs are there yet, after nearly six years.

"From Verdun we motored to

the American Cemetery. On the way we passed through the village of Montfaucon, which was the headquarters of the German Crown Prince. We came to the ruins of the building he occupied during the battle of Verdun, on which the American government has erected a bronze tablet which reads, 'Montfaucon, after being held for four years by German forces, was captured by the 313th Infantry, 157th Brigade, 79th Division, U. S. Army, on September 17, 1918. It was the headquarters of the German Crown Prince, from which he observed the battle of Verdun. The periscope used by him was captured and sent to West Point.'

"We arrived at the Meuse-Argonne Cemetery which is 45 kilometers from Verdun. The American government has a force of men at work there who are converting it into a beautiful spot. But the sad, depressed feeling of the war certainly grips one when he gazes across the field of 25,000 crosses, each one marking the grave of an American soldier. The cemetery is very well cared for by the government.

"We found the superintendent of the cemetery, a Mr. Shields, who showed us around. As all of the



A. R. Birchall at the Grave of the Whitinsville Soldier for whom the local American Legion Post was named

graves are numbered he took us at once to the spot where Jeffrey L. Vail is buried.

"From the cemetery we went to Metz and from there to Reims, where more beautiful buildings were in sad ruin.

"And Americans must take in the Chateau-Thierry battlegrounds, the location of one of the turning points of the war.

"On August 16 we left Liverpool for Boston on the steamship *Devonian*. It was a very pleasant trip across until we arrived within sight of Boston Light. This was on August 26, when a terrible storm arose. The fog shut down on us quickly, first covering the light, and soon it was impossible to see a ship length ahead. The wind sprang quickly to ninety miles an hour. Being so near the shore and not able to see anything, the captain ordered the ship to turn about and head out to sea. This was about noon of the twenty-sixth, and we did not get into Boston until the next day. On board ship they did not let anybody on deck during the storm; in fact all passengers were ordered to lie down in their bunks. Many of those who did not obey orders were injured. It was a rather rough climax to what was otherwise a very enjoyable trip.

"It was my first trip back to the old country since I came to America in 1890, and both Mrs. Birchall and myself enjoyed very much the visit with our people in the old country."



SPINNING TEAM

First row, Peter Nash, outfield, David Clark, catcher, Thomas O'Neil, shortstop, John Steele, outfielder. Second row, Lawrence Donovan, third base, John Walsh, first base, George Kane, first base, Edward Ballard, pitcher, Peter Saragian, outfielder, William Hall, catcher.

Champions of Sunset League

The Spinning team of the Sunset League came through this season and took the championship away from the Foundry. The Yard and Foundry teams were the early season favorites and it was with considerable surprise to the fans that the Spinning team gained such a big lead on the others. The season was without doubt the best one since the league started, in the spring of 1919.

The games enjoyed a better attendance than ever. The crowds equaled those of the Saturday and Thursday twilight games.

Baseball players are by nature superstitious and the Spinning team attributes part of its success to the lucky horseshoe which was presented

to them by William Reilly, a member of the Spooler job, and a fifty-year veteran of the Whitin Machine Works. The horseshoe can be seen in the photograph of the Spinning team shown on this page.

The members of the Automatic Chuck job, under the leadership of Sidney Schat, had a shock from which they are very slow in recovering. On the morning of October 9, after Cornelius Ebbeling had punched his card, he removed his hat and started in for the day's work. You can imagine the amusement of his fellow workers when they discovered Mrs. Ebbeling's dust cap on the head of her industrious husband. Corn took the joke on himself good-naturedly, and passed it off by telling the boys it was an exceptionally cold morning.



The Baby Clinic in charge of Miss McKaig, Head District Nurse of Whitinsville, has started what appears to be another popular season



A Face in Stone

The above rock was photographed by Chris Miller of the Flyer job. Mr. Miller tells us there are seventeen different faces and figures in this rock. As an example of one we show below a detail photograph of the left center of the rock. Here you will see plainly the monkey appearing object. This is just an example of a hobby which Mr. Miller takes a pleasure in. He has a large variety of stones, with various faces in them, in his collection at home.



Ernest Buker of the Planer job, who is eligible for one of the offices of the heavyweight club of the shop, spent his vacation this summer in Maine. While he was there the newspapers reported a severe earthquake. Bill Smith and Dave Corcoran, having gathered several bits of evidence from the natives of the state of Maine, claim that Buker fell out of his Ford sedan at the identical hour that the earthquake was reported.

Members of the Works have collected more than enough money to pay for a ticket for William Cleland to return to his home in Ireland. Mr. Cleland has been very ill for more than a year, and we are glad to know he is able to carry out his wish to return to his native land.

Norman Reed, a member of the Bolt job, raised a very excellent crop of cucumbers in his garden. When he went to pick them he found that they had all disappeared, whereupon he went back to his house and after spending an hour painting, posted the following notice, "Please leave the ground, it belongs to the Whitin Machine Works."



The first week in September found Philip Kuekan, "Red" Paine, and James Orrell enjoying the famous trip over the Mohawk Trail. They are stationed, in the photograph above, beneath the Elk Statue at the top of the trail. The photograph at the right shows the trail—looking down toward the Hairpin Turn on the North Adams side of the mountain.

The radio season has begun again and many a radio yawn is suppressed during working hours. However, this enthusiasm usually wears off after a few two o'clock night sessions.

Rob Henson was listening in at 11.30 one evening and the next thing he knew he was much startled by somebody announcing "Good morning." The hour hand was pointing to the wee small hours and the announcer had just signed off.



Harry Lees has had very good success with his Graflex camera and while at the Davis Cup semi-final matches at Longwood, he snapped the above photographs. The tennis enthusiasts of the works will recognize the world's greatest tennis player, William Tilden, and two of the French champions, Brugnon and Lacoste.



Down the Mohawk Trail

Only Too Obvious

Professor—"Can any person in this class tell me what steel wool is?"
Pie Bate—"Sure. Steel wool is shearings from hydraulic rams."—Stanford Chaparral.

Garden Show a Real Success

The Whitin Home Garden Club brought to a close one of its most successful seasons on the afternoon and evening of September 17, at its exhibit in the G. Marston Whitin Memorial Gymnasium. The vegetables represented the choice specimens from the 156 gardeners of the club.

In the afternoon the vegetables, canned goods and flowers were judged by Herbert Reiner, Assistant Agricultural Agent of the Worcester County Extension Service, and Miss M. C. Thomas of Worcester, Mass.

About 175 members and guests of the Home Garden Club attended a banquet in Odd Fellows Hall at six o'clock. A vegetable dinner was served, composed of the vegetables from the club gardens. The prizes for the best gardens were given out at this time.

Mr. Edward R. Farrington, Editor of the *Horticultural Monthly*, was the speaker of the evening, and told some very interesting stories about raising garden truck and flowers. After his talk he was asked many questions and the members of the club would have been glad to have asked even more but the time was limited, as a feature garden picture was to be shown in the Community Building at eight o'clock.

Members of the club marched behind the band to the Community Building and a full capacity house witnessed a motion picture film on gardening. This was followed by dancing.

The garden section having the best display this year was that of the gardeners of Taylor Hill, with 87 points; second, Brick School District, with 86 points; third, Crescent Street District, with 84 points; and fourth, Fairlawn District with 78 points.

The vegetable, preserves, fruit and flower prizes were as follows:

VEGETABLES

Judged by Herbert Reiner, Assistant Agricultural Agent, Worcester County Extension Service, Worcester, Mass.

	Prize	
Japanese Squash	2 J. Harringa	
Crook Neck Squash	1 G. Harwood	
	2 G. Harwood	
	3 Charles Burke	
Green Hubbard Squash	1 Lawrence Donovan	
	2 P. H. Sullivan	
Golden Hubbard Squash	1 P. H. Sullivan	
	2 H. E. Keeler	
Blue Hubbard Squash	2 T. Frieswyk	
Marrow Squash	2 J. H. Koistra	
	3 George Seagraves	
Pumpkin	2 Wilfred Harwood	
	3 Raymond Harwood	
Cabbage	1 Andrew Bulwalda	
	2 S. Platukis	
	3 Lawrence Donovan	
Red Cabbage	1 Andrew Bulwalda	
	2 T. Frieswyk	
	3 W. Harwood	
Cauliflower	1 T. Frieswyk	
	2 A. Bulwalda	
	3 G. Harwood	
Green Peppers	1 Andrew Bulwalda	
	2 David Brown	
	3 T. Frieswyk	
Celery	1 J. Koistra	
Scollop Squash	1 George Seagraves	
	2 J. Harringa	
	3 Albert Kelley	
Carrots	1 N. Lafferiere	
	2 Fred Hathaway	
	3 T. Frieswyk	
Beets	1 Albert Kelley	
	2 T. Frieswyk	
	3 Fred Hathaway	
Long Rooted Beets	2 J. Hays	
Stock Beets	2 J. Hays	
Citron	1 P. Sullivan	
	2 A. Bulwalda	
String Beans	1 J. Harringa	
	2 J. Koistra	
	3 J. Koistra	
Shell and Broad Beans	1 W. W. Brewer	
	2 David Marshall	
	3 Robert Marshall	
Cucumbers	1 G. Harwood	
	2 G. Harwood	
	3 J. Harringa	
Onions	1 T. Frieswyk	
	2 H. E. Keeler	
Corn	1 T. Frieswyk	
	2 J. Koistra	
	3 T. Frieswyk	
Pop Corn	3 J. Koistra	
Tomatoes	1 W. W. Brewer	
	2 T. Rogers	
	3 T. Frieswyk	
Potatoes—Cobblers	1 H. E. Keeler	
	2 H. E. Keeler	
	3 T. Frieswyk	
Potatoes—Green Mountain	1 B. R. Graves	
	2 Henry Graves	
	3 Fred Hathaway	
Potatoes—Rose	2 J. Koistra	
	3 J. Koistra	
Potatoes—Cowhorn	3 J. McKenna	
Beans—Kidney	1 H. E. Keeler	
	2 A. Bulwalda	
	3 G. Harwood	
Beans—Broad	2 Robert Marshall	
	3 David Marshall	
Beans—Rainbow Broad	2 David Marshall	
Beans—Bush Horticultural	1 H. E. Keeler	
	2 T. Frieswyk	
	3 A. M. & R. F. Meader	
Beans—Low's Champion	3 T. Frieswyk	
Beans—Bountiful	2 T. Frieswyk	
Beans—Black Wax	1 H. E. Keeler	
	2 T. Frieswyk	
	3 George Seagraves	

Beans—Yellow Eyed	1 A. M. & R. F. Meader
	2 A. Bulwalda
Beans—Variety Unknown	3 G. Harwood
Beans—Golden Wax	1 R. Graves
	2 George Seagraves
FRUIT	
Prize	
Apples	1 W. Kortekamp
	2 P. H. Sullivan
	3 S. Pollock
	2 B. R. Graves
Plums	
Collection of Crabapples	1 W. Kortekamp
Grapes	3 W. Kortekamp
FLOWERS	
Prize	
Gladioli Display	1 C. Albert Emmons, N. Uxbridge, Mass.
Collection of Dahlias	1 T. Frieswyk
	2 J. Johnston
Individual Vase of Roses	1 W. O. Aldrich
VASE COLLECTION OF CUT FLOWERS	
Gladioli	1 Mrs. H. E. Keeler
4 Different Varieties	2 Mrs. H. E. Keeler
Asters	3 Mrs. William Sherry
DISPLAYS	
Town Farm Display	1st Prize
PRESERVES	
Judged by Miss M. C. Thomas, Worcester, Mass.	
Prize	
Carrots	1 Mrs. H. E. Keeler
	2 T. Frieswyk
	3 Mrs. B. R. Graves
String Beans	1 T. Frieswyk
	2 T. Frieswyk
	3 W. Lavine
Corn	1 T. Frieswyk
Pineapple	1 T. Frieswyk
Peas	1 T. Frieswyk
Beets	1 T. Frieswyk
	2 Mrs. H. E. Keeler
	3 Mrs. D. K. Simmons
Strawberries	1 Mrs. D. K. Simmons
Cherries	1 Mrs. H. E. Keeler
Gooseberries	1 W. Lavine
Blackberries	1 W. Lavine
Blueberries	1 T. Frieswyk
	2 W. Lavine
	3 G. Harwood
Rhubarb	1 Mrs. D. K. Simmons
Plums	1 Mrs. H. E. Keeler
Apple and Raspberry Jam	1 Mrs. B. R. Graves
Blackberry Jam	1 Mrs. B. R. Graves
Collection of Jellies and Jams	1 D. T. Brown
Peaches	1 Mrs. H. E. Keeler
	2 Mrs. B. R. Graves
	3 Mrs. B. R. Graves
Pepper Hash	1 Mrs. H. E. Keeler
Piccaililli	1 Mrs. H. E. Keeler
Mince Meat	1 Mrs. D. K. Simmons
Tomato Ketchup	1 Mrs. H. E. Keeler
Pickles	1 T. Frieswyk
	2 W. Lavine
	1 T. Frieswyk
Mustard Pickle	
Single Glass of Jelly	2 T. Frieswyk
Pickled Onions	1 T. Frieswyk
	2 Mrs. H. E. Keeler
Pears	1 T. Frieswyk
	2 G. Harwood
FANCY WORK	
Collection of Fancy Work	1 Mrs. Bertha Jones



The Window Washing Crew on the Foundry Roof

During the spare hours at the end of the weeks last summer, the above men found the task of window washing to be not such a tedious job as at first one might suppose. They seem to have had a good time at it during those pleasant days, and they certainly have brightened up the various departments where they have been at work.



Allan Burt, a former member of the Wood Pattern job, recently returned to the shop for a visit with his various friends. The above photograph shows him in conversation with F. W. Willis, Percy Houghton and Jim Scott, telling of his experiences in Maine.



A Saturday afternoon group at the Rifle Range

W. M. W. Baseball Team Wins League Championship

In the last SPINDLE printed in the latter part of August, it was predicted that the Whitin Machine Works baseball team was in a position to win the championship of the Triangle Industrial League. By defeating the Norton team on the evening of September 5, it made it impossible for any other team to take the championship away from us. This is the second season in succession in which we have won the championship, finishing in second place three seasons ago.

The credit for the good playing of the team is pretty evenly divided between the players. The strength of the team seemed to be in its offensive rather than its defensive work, the majority of the players batting for three hundred or over. Harry Kearnan, who coached the team, led the Triangle League in batting with an average of better than 470.

On Wednesday evening, October 1, a banquet was given for the members of the Whitin Machine Works baseball team at the Warren Hotel. It was attended by about twenty-eight of the players and their guests.

Carl Leafe of the Norton Company, President of the Triangle Industrial League, gave a brief history of the league.

A vote was taken to accept a pennant this year instead of the Silver Cup.

Poli's Theater furnished the entertainment after the banquet, where a "Spring Revue" made the big hit of the evening.



At the 300 Metre Firing Point of the Whitinsville Rifle Club

Bowling Season Opens

The Office Bowling League at this writing is scheduled to start on Tuesday night, October 21, at 7 o'clock, on the Pythian alleys. The league this year varies from past seasons in that there will be four teams of five men each instead of six teams of four men. They were organized in the same manner as last year, the four highest men being captains of the four teams. Montgomery is captain of No. 1 team, Broadhurst of No. 2 team, Cain of No. 3 team and Minshull of No. 4 team. The other bowlers are assigned according to their averages of last year.

The bowlers are looking forward to a very successful season, the schedule calling for matches on Tuesday and Wednesday evenings of each week. The rules will be the same as governed the league last year. The teams are as follows:

- | | |
|-------------|-------------|
| TEAM NO. 1 | TEAM NO. 2 |
| Montgomery | Broadhurst |
| Lincoln | Connors |
| Adams | Driscoll |
| Scott | Noble |
| Park | Duggan |
| Robertson | Benner |
| TEAM NO. 3 | TEAM NO. 4 |
| Cain | Minshull |
| McGoe | Foley |
| Noyes | Lamb |
| Ferry | H. Crawford |
| Pareher | Carpenter |
| W. Crawford | Dalton |

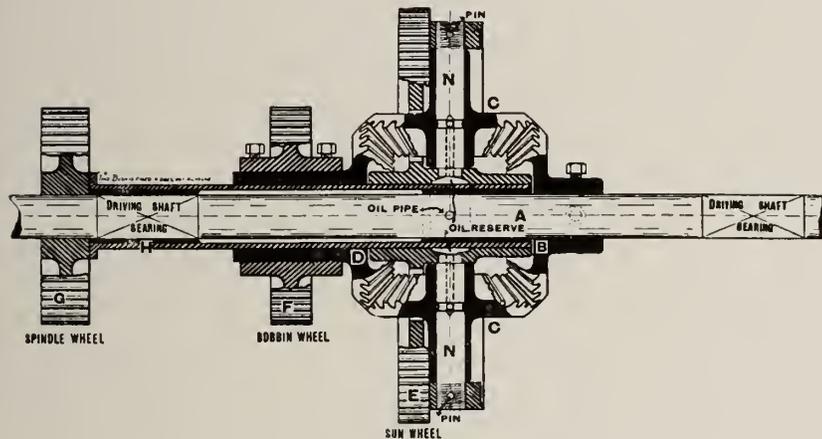
Romance of Cotton Machinery

Continuing his descriptions of the early type of textile machines, in this the fourth installment of a series of articles on the "Romance of Cotton Machinery," Mr. Gannon points out several new inventions and begins to describe some of the improvements over the earlier machines.

In this article will be found short paragraphs on the Draper Loom, the Whitin Picker, the Heilman Comber and the MacLardy Spinning Frame, as well as descriptions of the early spindles.

In the year 1816 Ira Draper invented a rotary temple for a loom which thereby permitted the weavers to handle two looms where they formerly ran one.

The Aza Arnold differential, often called the Houldsmith motion (Figure I), for roving frames, was invented in 1823. This unit permitted a direct drive to the spindle at such



Aza Arnold Differential
Fig. I

a winding surface speed as would always equal that delivered by the front rolls of a roving frame, regardless of the increase in the diameter of the bobbin.

The first knowledge we have of ring spinning is the account of John Thorpe, who invented a ring spinning machine in 1828. Coupled with this invention came the cap spinning frame invented by Danforth in 1829.

In 1826 Paul Whitin & Sons of Northbridge were operating a small cotton mill, iron smelting plant and forge. In the iron smelting plant and forge they were employing four men making repairs for cotton mills, also hoes and scythes for agricultural use. From this small beginning the Whitin Machine Works had its start.

In 1831 John C. Whitin took out a patent on a picker, the success of which laid the foundation for the present growth of the Whitin Machine Works.

A short time after the first Whitin picker was on the market, there was written by Daniel W. Snell, in his "Managers Assistant," "There are no machines of this or indeed any kind, which are more perfectly adapted to their office than those turned out by Messrs. Whitin of Massachusetts."

The year 1845 brought forth the Heilman comber. This comber is the basis of all modern cotton combing and the original Heilman combers are being sold today. This was a marvelous idea because it was absolutely original and produced such an excellent straight fibre sliver that it was indispensable for fine yarns.

The ring spinning frame as we know it today is said to have been invented by Mr. Jencks of Pawtucket, but this is not certain as there are no early prints to be consulted. The earliest English patent procurable is No. 13127, dated 1850, taken out by William MacLardy. This is a combination ring and throstle as shown in Figure II. In this frame the bobbin is fast to, and turns around with, the spindle, while in the case of the old throstle the bobbin was loose on the spindle and was dragged around by the yarn. To prevent over-running of the bobbin it rested on a woolen friction washer.

At the London Exposition in 1851 a ring frame was imported from America and was the chief center of attrac-

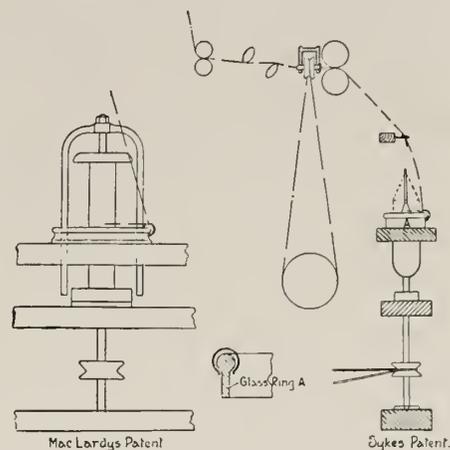


Fig. II

Fig. III

tion. While reading Evan Leigh, however, I find that he states that ring and traveller spinning was introduced into England for the first time in 1833.

There were two brothers named Sykes from Huddersfield, England, who invented another trick on a spinning frame, as shown in Figure III. Their invention consisted chiefly of a glass ring and a steel traveller, so as to obtain high speeds without the usual amount of friction.

The early spindles of the ring frame were very cumbersome. The blade of the spindle was straight and not tapered as today. The bobbin fitted the spindle like a roving bobbin with slot and key construction. High speeds were impossible on the early spindles.

The first real improvement on the spindle design was by T. H. Sawyer in 1870, who chambered out the bottom of the bobbin and carried the bolster up inside, thereby supporting the load which the spindle had to carry near its center. This is shown in Figure IV, a Booth-Sawyer spindle made by Howard & Bullough in 1874.

In that year F. J. Rabbeth of Pawtucket brought forth the famous Rabbeth spindle, and it was introduced at the Paris Exhibition in 1878 by John Bullough who had purchased the patent after viewing it at the Philadelphia Exposition. The Rabbeth spindle is shown in Figure V.

The steel spindle "A" is carried by a base or bolster "B", which is fastened to the spindle rail "C" by means of the nut "D." The upper portion of the bolster extends to

"F" where it is bored out to fit the spindle. The lower portion at "M" is also bored out to fit "A." Between these two points the bolster is recessed so as to form an oil chamber. The upper bearing at "F" is usually fitted with a thin bushing of some anti-friction metal. Above the bearing at "F" a sleeve "G" is tightly fitted over the spindle and is continued downward to form the wharve "H".

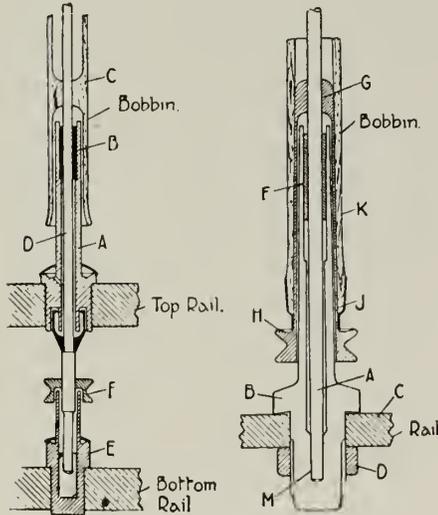


Fig. IV
Booth-Sawyer Spindle

Fig. V
Rabbeth Spindle

Health Is the Best Wealth

Mike is known to all for his unflinching good humor. In five years he has been with the company no one has ever seen him with a grouch and the pay roll records show that he hasn't missed a day through sickness. The foreman says he can do more work than any two men in the shop and it is confidently expected that when promotions come, Mike will move up.

The secret of Mike's good health and good nature is that he keeps fit. A look at the contents of his dinner pail tells why. It is all good, wholesome, digestible food. Mike never reads health magazines and doesn't know anything about vitamins and carbohydrates, but he does know the foods that are good for him. Today he has brought three sandwiches, one meat, one egg, and one cheese—two of them of whole wheat bread and one of white. There is also a piece of cake and a big red apple. The milk wagon calls every morning and he has a standing order for a pint. Mike never takes pills, tonics or blood purifiers. He is a stranger to constipation and indigestion, and he walks to work. He may feel tired when he gets home at night, but it is a healthy fatigue and he wakes up the next morning after a good night's sleep feeling as fresh as ever.

Steve, who works next to Mike is a chronic



Mike says "Learn to Keep Fit"

grouch. His favorite sport is relating the symptoms of his numerous diseases to anyone who will listen to him. He has a grievance against the foreman, the superintendent and big boss, and most of the men in the plant, and is always claiming that you have to have a pull to get promotion. When the whistle blows at noon he rushes for his dinner pail and swallows three or four sandwiches, an enormous piece of cake and a couple of pieces of pie. He insists that he has to eat a man's size meal to keep up his strength to do the hard work in the factory. By three o'clock the pint of coffee he drank with his lunch has lost its kick and he is convinced that hard work is ruining his health. He has frequent headaches and never fails to carry a box of cathartic pills and a package of aspirin tablets with him. Steve worries constantly about his health, his work and affairs at home.

It isn't necessary to read all the health books ever published and take up every new fad that comes along to keep in good condition. Eat moderately of good, wholesome foods, take plenty of exercise, sleep with the window open and don't worry. Eat pie and cake if you want to, but go slow on them. Eat plenty of fresh fruits and coarse vegetables, such as turnips, tomatoes, cabbage, carrots, parsnips. Eat whole wheat bread frequently although it may become tiresome as a steady diet. Prunes and figs are valuable and if you eat these along with coarse vegetables there's no danger of getting the pill habit.

Coffee and tea are not particularly injurious to adults but it is not advisable to drink them with every meal, even though it may not seem to harm. Milk is a safe drink as well



The black spot behind Harry Moore is a Maine fish on its way to Mass.

as a valuable food, both for adults and children.

Above all, keep cheerful. It's a fine aid to digestion. If you aren't blessed with a naturally pleasant disposition, you can cultivate one and it will be well worth the effort.

Health is better than wealth! says the National Safety Council.

Who Pays Wages?

Wages are the price which is paid for our product. You and I and the other fellow deliver a certain amount of effort for which we receive a certain amount of pay.

We are not paid for putting in our time. We are paid for what we do during the time we put in. We are paid for what we produce.

If we are paid for more than we produce, then somebody must be getting less than he pays us for. For a certain amount of production, we are paid a certain amount of wages.

Wages are not paid for our services. They are paid for the product we produce by our services, and we all know that wages are paid us by—the employer.

Where does our employer get the money to pay our wages? He pays our wages out of the money he gets for what he delivers. What does the employer deliver? He delivers the product of the business, which is largely the product of our services. If the employer cannot sell the product of our services for enough to pay our wages and all other expenses he loses. Every employer who keeps losing is forced out of business.

Who buys the product of our services from our employer and pays him the money which he must have to continue to pay our wages? Of course we all know it is—the customer.

Who is the customer who pays his money to our employer for the product of our services, so that the employer can pay our wages?

Who buys all the boots and pays for them with money which pays the shoe merchants and shoe manufacturers, the workers in stores, leather warehouses, tanneries, tannery owners and cattle ranches?

Who buys all the clothes with money which pays wages to those who work for clothing stores, garment factories, textile mills, cotton plantations, sheep ranches and every industry that produces wool or cotton?

Who buys the tables, hats, socks, newspapers, carpets, kettles, churns, bread, scissors, toothpicks, tobacco, mops, watches, fish hooks and firecrackers with money which pays the wages for making all these things?

A twenty-five pound goose-fish, captured in the first five minutes of fishing by Winford Jones, was one of the most horrible exhibitions of the deep sea seen by the members of the September fishing trip off Scituate.

Jones, after looking it in the face, took the count of ten for the rest of the day.

A Recent Review of a Past Vacation

One of the many friends of the President of the Whitin Home Garden Club, Harley E. Keeler, sent us the following story on Mr. Keeler's vacation trip. We believe our readers will enjoy it.

"Harley Keeler has gone on a camping trip accompanied by his friend and guide, Wybe Kortekamp. The writer of this article does not know whether this vacation will be as enjoyable as the one they had a year ago. We hope they profit by their previous experience. In the first place we hope they will not get lost. Last year's story is mighty interesting to me.

"They started their journey in the best of spirits and health. The hum of the engines as they rolled along the country roads, far from the hum of the textile cylinders, acted as a tonic to their tired brains. Harley was content and enjoying himself to the fullest, one finger in the armpit of his vest, the other on the steering wheel. Everything was progressing satisfactorily and augured well for a vacation of complete rest, pleasure and enjoyment. Before he realized it he was leaving the secluded shade of the country roads and towns and was again coming into a city that was full of life, bustle and excitement. He was soon in the middle of a swirling throng of humanity. In the excitement of the traffic he was separated from his faithful guide, who, I may say, has enjoyed his companionship for many years. Kortekamp had disappeared from view. With alarm he ran his car from pillar to post hunting for his guide.

"Kortekamp in the meantime was not in a happy frame of mind. He had lost his foreman and his thoughts



Fred Burroughs captures what appears to be a cross between a bull dog and a caterpillar

were far from being as pleasant as could be wished. An idea struck him. Knowing that Harley was one of our stalwart officers of the law of the town of Northbridge, he naturally invoked the aid of the law of a far away state to help him in his difficulty. He approached a policeman and inquired of him whether he had seen Mr. Harley E. Keeler, constable, of Northbridge, Mass. The officer replied in the negative, whereupon Kortekamp was surprised and gave the officer the number of Harley's car and a full description of our stalwart friend. The policeman directed Wybe to a certain stop and told him to await the coming of Harley, informing him that if he saw Mr. Keeler he would direct him to the place where Kortekamp was stationed.

"After a five hour wait, Kortekamp, weeping, wailing and bemoaning the loss of his old friend, was agreeably surprised to see Harley's car coming down the street. Like in the story of the prodigal son, he ran forth and kissed him, saying, 'Behold, he who was lost is found; bring forth the fatted calf. (Pork and beans!) Let us eat, drink and be merry.'

"The meal was soon prepared, but the worry over the lost one had taken away the appetites of their respective wives, and they refused to eat. 'Never mind,' said the old guide, 'so much the more for us.' And all went as well as a marriage feast.

PART II

"After a feast which was fit for a king, they resumed their journey without mishap and arrived at the day's destination.

"The choice camping spaces had

all been taken and it fell to the lot of our friends to pitch their tents near a dumping ground. Harley and Kortekamp did not mind that, all they wanted was rest and sleep after the weary search of the day, and they were soon in the land of dreams.

"During the night they dreamed of the humming of the engines, but soon realized, even in their dreams, that this humming was not caused by the smooth running Chevrolet or Ford. A whole swarm of insects had arrived at the camping ground and at once threw it into a turmoil. They could neither sleep nor rest, and knew not what to do. Harley, with his wide knowledge of farm life and home gardening, had had considerable experience with flies and mosquitoes, so he called forth his friend and guide for a consultation. The problem was soon thought to be solved. Keeler marshalled out the forces of both camps. Giving instructions to the people to be seated in their cars, he directed that all the auto lights be turned on. The order was then given to reverse the engines, and the old boats started backward on their journey. Millions of flies and mosquitoes were attracted by the rays of the brilliant lights and followed the autos away from camp. Suddenly Harley gave the order 'All lights out and full speed forward.' The flies and mosquitoes were all lost and did not know where to go. And peace and contentment reigned in camp.

"If any of our friends intend going on a camping trip, we suggest that they profit by the experiences of the veteran campers, Keeler and Kortekamp. Do not get lost, but lose the flies and mosquitoes."



A noon hour group



Thomas Crompton and daughter enjoying a vacation on the Shore Rocks of Maine



Susan Pollack of the Cashier Dept. had a right to feel satisfied with the above gravestein apples from her orchard

Gymnasium Notices

The athletic director of the Community Association, Harry MaLette, announces that all the candidates for the men's basketball squad should report for the first practice on Friday evening, October 31, at 8 P. M.

All candidates for the women's basketball squad are to report on Tuesday, November 4, at 5 P. M.

On Tuesday and Friday nights it is the intention of the physical department of the gymnasium to substitute for regular work the game of basketball. All senior members are urged to join the basketball league, similar to the Nut League of last season. It is expected that there will be eight teams.

All those who prefer to have their physical examinations at the gymnasium building instead of at the office of their family doctors, as was at first suggested, may do so by making arrangements with Harry MaLette for appointment with the Doctors.



Chris Miller of the Flyer Job Ocean Beach

GYMNASIUM SCHEDULE

SEASON 1924-25

MONDAYS AND THURSDAYS

<p>Men and Boys 2.20—3.50 High School Class 4.10—5.00 Junior Class 5.05—6.15 Older Men's Class</p>	<p>Women and Girls 6.20—7.30 Senior Girls 7.20—8.30 Senior Women</p>
---	--

Note: Members of High School class must be on the floor by 2.40. No one will be allowed on floor after 2.40 on days of classes.

Members of Junior Boys' class must be on the floor by 4.25. No one will be allowed on floor after 4.25 on days of classes.

Thursday 10.00—11.00 A. M. Senior Women

TUESDAYS AND FRIDAYS

<p>7.10—8.45 Senior Men</p>	<p>2.20—4.00 High School Girls 4.10—5.00 Junior Girls 5.00—6.45 Basket Ball Practice for Senior Girls</p>
-----------------------------	---

Note: Members of Senior Men's class must be on floor by 7.30. No one will be allowed on the floor after that hour.

Members of High School Girls' class must be on floor by 2.40. No one will be allowed on floor after that hour.

Members of Junior Girls' class must be on floor by 4.25. No one will be allowed on floor after that hour.

The hours posted above represent the time members of classes can enter locker room. Class work starts ten minutes later.

SATURDAYS

<p>9.30—10.30 Boys' Leaders Corp Practice 10.30—11.30 Junior Boys 11.45—1.00 Senior Men 2.30—3.30 Intermediate Boys 3.30—5.30 Senior Men</p>	<p>9.30—10.30 Junior Girls 10.30—11.30 Girls' Leaders Corp Practice 1.30—2.30 Intermediate and Senior Girls</p>
--	---

Schedule Subject to Change

POOL SCHEDULE

FREE SWIMMING

MONDAYS AND THURSDAYS

<p>Men and Boys 4.00—4.30 High School Boys 5.00—5.30 Junior Boys 6.15—6.45 Senior Men</p>	<p>Women and Girls 7.15—7.45 Intermediate Girls 8.00—8.30 Senior Girls or Women 9.00—9.30 Senior Girls or Women</p>
--	--

TUESDAYS AND FRIDAYS

<p>7.15—7.45 Intermediate Boys 7.45—8.15 Senior Men 8.45—9.15 Senior Men</p>	<p>3.30—4.00 Senior Women 4.00—4.30 High School Girls 5.00—5.30 Junior Girls</p>
--	--

SATURDAYS

<p>10.30—11.00 Junior Boys 3.30—4.00 Intermediate Boys 4.30—5.00 Senior Men</p>	<p>9.30—10.00 Junior Girls 1.30—2.00 Intermediate Girls 2.30—3.00 Senior Girls or Women</p>
---	---

CENTURY SWIM SCHEDULE

MONDAYS AND THURSDAYS

<p>4.30—5.00 High School Boys 5.30—6.00 Junior Boys</p>	<p>8.30—9.00 Senior Girls or Women 9.30—10.00 Senior Girls or Women</p>
--	--

TUESDAYS AND FRIDAYS

<p>8.15—8.45 Senior Men</p>	<p>4.30—5.00 High School Girls 5.30—6.00 Junior Girls</p>
-----------------------------	--

SATURDAYS

<p>11.00—11.30 Junior Boys 4.00—4.30 Intermediate Boys 5.00—5.30 Senior Men</p>	<p>10.00—10.30 Junior Girls 2.00—2.30 Intermediate Girls 3.00—3.30 Senior Girls or Women</p>
---	--

Note: Century Swimmers are privileged to go in pool also at Free Swimming time.

Claude Gilson, Foreman of the Oil Reclaiming Department, had his vacation the latter part of September and the first of October in New Brunswick. He reports a mighty good time fishing for trout, bringing in a string of 42 one day and 66 another. While motoring to a trout fishing rendezvous he noticed a cow moose in the field.

The day following the discovery of the cow moose, Mr Gilson and one of his friends in New Brunswick started out after a bull moose and succeeded in shooting it within an

hour of the time they set out. It weighed over 400 lbs. dressed.



Twin Cucumber picked from Moses Gilbert's Garden

WHITIN MACHINE WORKS
ESTD 1831

The
WHITIN
Spindle



Chrysanthemums awarded first prize and gold medal at Worcester Horticultural Show.
Entered by Mrs. G. Marston Whitin

NOV. - DEC.
1924
Vol. 5 No. 11



Views of the Fire Contributed by E. Kent Swift and Robert Metcalf

The WHITIN Spindle

VOLUME 5

WHITINSVILLE, MASS., NOVEMBER-DECEMBER 1924

NUMBER II

Home of Josiah M. Lasell Badly Damaged by Fire

Woodlawn, the home of Josiah M. Lasell, a director of the Whitin Machine Works, came very near being burned to the ground on Friday, November 5. Only the quick response of the Whitin Machine Works Fire Department and the hard fighting of the firemen saved the house from being a total loss. When the firemen arrived at 8.45 A. M., flames had broken out through the roof in the center of the house around the chimney, and it could be seen at once that it had spread throughout the roof, as smoke was pouring out through both the east and west gables.

The fire was discovered by Josiah Lasell and his chauffeur, Arthur Deeks, who were leaving for Boston at the time. Their suspicions were aroused by the strong smell of smoke which had been slightly noticed several times before, but was not thought to be anything serious.

Five streams of water of over 150 pounds pressure were directed on the fire. It was confined to the roof in all but one gable, where it reached to the second floor, but it was one of the most obstinate fires experienced by the department, due to the fact that the entire roof was insulated with seaweed filling, which made it almost impossible to get at the blaze. The smoke from it was more than usually disagreeable and stifling.

Three firemen were hurt. James Clark was knocked down by the water close up to the nozzle of the hose. His eyes were injured. The smoke was so thick in the room in which they were fighting the fire that it was not possible for the hose man to see Clark at the time. The other firemen injured were George Poulin and John Spencer.

The furniture in the main part of the house was removed by volunteers and practically everything of value was saved with the exception of a few things in the attic. The lower floors suffered from water damage, as it was necessary to keep all the streams



A View of the Fire from the South. This picture gives a good idea of the task the firemen had before them. It was taken just after they arrived

of water going from quarter of nine in the morning until half past one or two o'clock in the afternoon.

Although it was a cold morning it was not too severe to hinder the work, and the firemen were fortunate in not having a heavy wind to contend with.

This fire was the third which has visited the Whitin-Lasell family within the last six years. The first one was the destruction of the G. M. Whitin Manor-house on January 30, 1919, and the second was the loss of Windy Brow, the home of L. M. Keeler, Agent of the Whitin Machine Works, on May 1, 1921.

Work was commenced the morning following the fire to roof in the house and to dry it out.

The people of Whitinsville regret to see these nice homes ruined, and one could not help but be impressed by the many expressions of sorrow among those who watched the fire.

We are all glad to learn that the house is to be rebuilt as it was before the fire.

Josiah Lasell 2nd sailed for Paris, France, this month. He tells us he plans to return a year from next summer; our best wishes went with him.

The Flower Basket

Our cover this month shows a basket of 25 large chrysanthemums grown in the greenhouses of Mrs. G. M. Whitin. These flowers were shown at the Horticultural Show of the Worcester County Horticultural Society, which was held at their headquarters at Elm and Chestnut Streets, Worcester, November 6.

The *Worcester Daily Telegram* stated in its write-up of the show, "A display of 25 large blooms by Mrs. G. M. Whitin surpassed, in the opinion of the judges, anything ever exhibited in this section of the state."

The chrysanthemums not only received the first prize, but also a gold medal, which was presented by the Horticultural Society.

Peter Y. Robb, head gardener of Mrs. G. M. Whitin's estate, has a right to be proud of the beautiful flowers from the greenhouses.

On Armistice Day, November 11, our General Manager and Treasurer, E. Kent Swift, became the father of a baby boy. Mr. and Mrs. Swift have named the baby E. Kent Swift, Jr. The baby's three sisters have all agreed that he is the best baby boy in the world.



1. Wilfred O. Aldrich
 2. Alma Bassett
 3. Brenton L. Benner
 4. Elmer S. Blanchard
 5. Thompson Boyd

6. Wesley S. Bragg
 7. Joseph Brannigan
 8. Jesse DeBoer
 9. Alice Ferguson
 10. Richard M. Ferguson

11. George Fullerton
 12. E. T. Gilman
 13. Ellis Hartley
 14. F. K. Hendrickson
 15. Louis Kenney

Promotions and New Members. Changes in the Offices, Experimental Rooms, and among the Foremen and Assistants

During the past year there have been a number of promotions among the foremen and assistant foremen of the departments in the shop. Also there have been a number of promotions and new faces among the personnel of the office staff and experimental force.

All of us are interested in the progress of our co-workers and enjoy making the acquaintance of those who have recently commenced to work with us. It is unfortunate that space does not permit an article each month to be published in the SPINDLE, giving a brief account of each new employee. If such were possible it would help to make us all even better acquainted than we already are. We believe there are few shops in the country where the employees take more interest in each other than we do here. It is a friendly interest which creates a desirable spirit both in the shop and in our community life.

Included in the list of promotions and new employees are:

Wilfred O. Aldrich attended Worcester Academy and Wentworth Institute and New Bedford Textile School. One year with the Paul Whitin Cotton Mill. Entered Whitin Machine Works in February, 1920. Started on the Card job under Mr. Birchall. Transferred to Spindle job under Mr. Sweet and to the Tool job under Mr. Deane, where he was placed on special work including the installation of the new electric furnaces in the Annealing Room. Second-hand for the Automatic Screw job in the summer of 1924, and later made second-hand of the Picker Erecting job in November, 1924.

Alma Bassett graduated from Northbridge High School. Started in the Whitin Machine Works in February, 1917, on the Brush job under Mr. Peck. After a short time on production work was placed in charge of production board work.

Was transferred to the Production Department in March, 1924.

Brenton L. Benner entered the Whitin Machine Works in January, 1904, and was placed on the Card Clothing job under J. A. Parsons. Later he started for Mr. Sweet on the Spindle job and was later transferred to the Comber job under Mr. Benjamin Graves. Was appointed assistant foreman on April 1, 1913, and foreman in January, 1922. On May 1, 1924, he took over an additional Comber Department, which gives him full responsibility for all machine work on comber parts.

Elmer S. Blanchard started in the shop on August 27, 1889, on the Spindle job for Henry Woodmancy, where he worked for eight months. He was then transferred to the Picker job under B. R. Graves, then to the Spooler job under Charles Cleland. In February, 1892, was appointed assistant foreman of the Spinning parts job. In 1907 he was appointed foreman of this department. About the first of November, 1923, was promoted to the Main Office, where he is working on master sheet work in connection with specifications.

Thompson Boyd entered the Whitin Machine Works in March, 1914, on the Spinning Erecting floor under Mr. Crompton. His first job was on Pease frames under James Ferguson, who was one of the old timers on spinning. Transferred to the Picker job in July, 1914, where he worked for three years, when he was placed on the Speeder Erecting floor under John Welch. In October, 1923, he was made an inspector of speeder frames. In January, 1924, was transferred to the Picker job and appointed second-hand in July, 1924. Was appointed foreman October 1, 1924. Mr. Boyd is the youngest foreman in the Whitin Machine Works, and tells us that of the 36 textile machines built in the shop, 12 are erected on the Picker floor.

Wesley S. Bragg started in the Whitin Machine Works as an apprentice on October 6, 1880. During his apprenticeship he worked for B. L. M. Smith on rolls, Cleveland on spoolers, Brown on planers, and Houghton on drawing. He finished his apprentice-

ship in 1883, and after staying on the Drawing job for some time, was later transferred to George Carr, foreman of the Drawing Roll and Railway job. He was then transferred from there to the Tool room under A. H. Whipple, and was made foreman of the Steel Roll job, his present department, in January, 1902. The Speeder Spindle job was combined with his department in October of this year.

Joseph Branigan graduated from Worcester Trade School. From there he entered the employ of the Peterson Engineering Co., Worcester. He became a member of the drawing department of the Draper Corporation, Hopedale, where he was employed for seven years. He was employed with the Lawdett Company of Providence for a short time before he entered the Drafting Department of the Whitin Machine Works in February, 1924.

Jessie De Boer worked for a week on the Hank Clock job under James Marshall in August, 1918. She was then transferred to the Ring job under H. B. Stuart. She was made responsible for all the clerical work including the figuring of piece rates. In September, 1924, she was transferred to the Production Department.

Alice Ferguson. Miss Ferguson attended Northbridge High School for two years and in June, 1924, graduated from the Woonsocket Commercial School. She has been employed as a stenographer in the Production Department since August, 1924. She claims the distinction of being the youngest employee of the Main Office, having not yet reached her eighteenth birthday.

Richard M. Ferguson commenced for Mr. Pollock on the Spinning job in 1895. From there he was transferred to the Loom job under David Marshall and later to the Spindle job under Mr. Sweet. In 1895 Mr. Ferguson started to serve his time as an apprentice and worked on the Spinning, Card, Drawing and Tool jobs. On the Tool job he worked for two and one-half years, when he was transferred to the Spindle job, in 1904, as a tool maker. He was appointed assistant foreman in 1922 and was made foreman in November, 1923.



16. Cornelius Lane
 17. Lee McFarland
 18. Frank McGowan
 19. David Marshall
 20. Edward Mills

21. Edward Perry
 22. Thomas Roche
 23. William Skillen
 24. Louis Streeter
 25. Bertram R. Sweet

26. A. J. Swenson
 27. James Truslow
 28. William J. Walker
 29. George West
 30. Fred Whiteside

George Fullerton entered the shop in 1912. After working two years on the Needle job under Mr. Harris, he entered the employ of Brown & Sharpe of Providence as an apprentice. His apprenticeship was interrupted by the World War. Returning from the service he finished his apprenticeship in December, 1920. On January 12, 1921, he entered the Whitin Machine Works and started on the Tool job under Mr. Dixon. He was transferred to the Spindle job as third-hand on January 2, 1924, and was appointed second-hand in December, 1924.

E. T. Gilman is a graduate of the Lowell Textile School and has had an experience of over twenty years in the operation of power plants and the manufacture and operation of cotton textile machinery. During this time he has been employed in the Lowell Machine Shop, the Merrimac Manufacturing Co., and the Bott Mills. He entered the Whitin Machine Works in February, 1924, and was given charge of the Electrical Department, April 1, 1924.

Ellis Hartley has had a very wide experience in thirty-four years on textile machinery and machine tools, etc. For several years he was chief draftsman on worsted textile machinery with Messrs. Hal-Stells, Ltd., Keighly, England, in which concern he was also employed as foreman of the Tool Room for several years. He was Works Manager at the Alma Machine Tool Works, Liversidge, England. Prior to coming to the United States, was for several years Consulting Engineer on textile machinery. He has also had experience as a teacher in engineering subjects in the Keighly schools. Mr. Hartley started in the early spring of 1924 in the Whitin Machine Works, and is employed on special experimental work.

F. K. Hendrickson is a native of Copenhagen, Denmark, where he was born in 1880. Was educated in the Worcester grammar and high schools and later took a course in mathematics and mechanical engineering in the International Correspondence School. Became a member of the American Society of Mechanical Engineers in 1914. He was chief engineer for Prentice Bros. Co. After

the consolidation with the F. E. Reed Co., was chief engineer for Reed-Prentice Company for 12 years. Was engaged by Whitin Machine Works on January 12, 1924. Mr. Hendrickson's whole life has been devoted to mechanical problems and designs. His work here includes the supervision of the Drafting room and the Wood and Metal Pattern Departments.

Louis Kenney started to work in 1914 for Hamilton Walker on the Automatic Chuck job, where he worked for three years. He then entered the Worcester Trade School. He returned to the Automatic Chuck job and was later transferred to the Tool job. From there he was placed in charge of the automatics on the Gear job under Mr. Heath, and was later transferred to speeder work under Mr. Ramsey. For several years he worked on the boards for the Production Department, and in October, 1923, was transferred to the Production Department office.

Cornelius Lane started his career with Messrs. Prince-Smith & Sons, well-known makers of worsted textile machinery of Keighly, England, where he was employed for ten years. He was also employed as an erector for Messrs. Hall & Stells, makers of worsted textile machinery, with whom he served for five years. Later he was head engineer for 15 years for Messrs. W. Fairbanks, a worsted spinning concern at Bradford, England, and was engaged by the Whitin Machine Works for special experimental work on April 23, 1924.

Lee McFarland first started in the Whitin Machine Works in February, 1917, on card parts under Mr. Burbank, where he served for three years and six months, and was then transferred to the Comber floor under Ernest Barnes, and from there to drawing under Mr. Johnston. The last department in which he worked was that of Mr. Heath on gears, where he was employed for nine years and four months. He was transferred to the Production Department office on November 17, 1924.

Frank McGowan came to the Whitin Machine Works from the Atherton Picking Machine Company of Pawtucket in 1923, where he was

assistant superintendent. He was placed in charge of the construction of pickers at that time, and in the early part of 1924 was promoted to the sales force.

David Marshall began his career in the Whitin Machine Works in August 1887 when he worked under Malcolm Burbank and Frank Gibson on looms. Three years later he was promoted as assistant to Mr. Gibson and served with him after Mr. Burbank retired. He was also assistant foreman under E. B. Burbank until 1894 when he was placed in charge of what was then known as the old Ring job. He continued as foreman of this job for twenty years, until it was discontinued in March, 1914, and he became assistant to Mr. Foster on the Picker job. On March 1, 1921 he was made foreman of the Picker job and in October, 1924, his work was increased when he took over the Card Roll job.

Edward Mills was for many years with Messrs. Taylor-Lang & Company of Taylor Bridge, near Manchester, England. In this textile machine shop he had specialized training in erecting picking machinery and has set up machinery in many of the large textile centers in the European continent as well as in the British Isles. Was later appointed manager of their picking machinery department. Entered Whitin Machine Works, April, 1924, and is at present engaged on special experimental work.

Edward Perry graduated from the Northeastern University as mechanical engineer in June, 1923. Started to work for the Whitin Machine Works in July, 1923, on the Doffer job. In July, 1924, was appointed second-hand on the Picker job under Mr. Marshall.

Thomas Roche started to work on the Spindle job when he was fourteen years old, in 1903. He was later transferred to the Doffer job under Sidney White and then worked for ten years under A. R. Fletcher on the Card job. He was transferred to the Production Department in May, 1923, and to the Production Department office in February, 1924, where he is now employed as a rate setter.

William Skillen started to work on ring holders, setting up dobbies and loom work under David Marshall in 1908. After a year he started as an apprenticeship for Elmer Blanchard, and in 1910 was transferred to the Large Tool job, where he was employed until he enlisted in the army in March, 1918. In June, 1919, he returned to the Large Tool job and worked there until he was transferred as assistant foreman of the Flyer job under H. W. Drinkwater in October, 1924.

Louis Streeter entered the Whitin Machine Works on April 8, 1915, on the Bolster job. He was transferred to the Screw Department under Robert Britton on November 1, 1915. Was appointed assistant foreman of the department on April, 1916, and was appointed foreman on August 4, 1924.

Bertram R. Sweet started to work in the Whitin Machine Works in 1879. In the fall of 1888 he was placed in charge of the Spindle job under Henry Woodmancy, who at that time was in ill health. In 1895 Mr. Sweet had full responsibility, as Mr. Woodmancy was engaged in experimental work. He was officially appointed foreman in 1899. In December, 1923, he was promoted to the Superintendent's Office, and now has the supervision of the Spindle and Bolster jobs, besides serving in an advisory capacity to the Superintendent.

A. J. Swenson started in 1910 to learn the machinist and grinding trades at the Norton Grinding Company, Worcester. Later he held an assistant foreman's position and was a grinding machine demonstrator until the slack time in the Norton Company in 1920. He has had experience in automobile manufacturing, having worked in the H. H. Franklin Company, Syracuse, N. Y., and the Rolls-Royce Company, Springfield, Mass. He started to work in the Whitin Machine Works in October, 1921, on the Steel Roll job under Mr. Bragg. In November, 1921, he was selected to set up Norton Grinders for roving spindles on E. R. Abbott's job. In April, 1922, he was appointed assistant to Mr. Abbott. In May,

1923, Mr. Abbott left the shop on account of ill health and Mr. Swenson was appointed foreman of the department. In October, 1924, he was transferred to the Superintendent's Office, and is now specializing on speeds and feeds.

James Truslow graduated in mechanical engineering at Massachusetts Institute of Technology in 1922. In 1922 and 1923 he worked in various departments of the Pacific Mills of Lawrence, Mass. In April, 1923, he started to work in the Whitin Machine Works, and has been employed in the Pattern Shop, Foundry, Repair Department, Large Tool jobs, Card job, Speeder job and Spinning job. In January, 1924, he was promoted to the Production Department office routing new types of machines. On November 29, 1923, he was placed in charge of the experimental room.

William J. Walker started to work in the Whitin Machine Works on October 7, 1891, on the Tool job under B. L. M. Smith. On February 6, 1893, he started on the Loom job under Frank Gibson. On November 21, 1898, was transferred to the Card Department under J. Howard Burbank. In July, 1907, he was appointed assistant foreman of the Spinning job under E. S. Blanchard, and was appointed foreman of the department on February 28, 1924.

George West is a native of Fraserburgh, Scotland, where he served his apprenticeship with the Consolidated Pneumatic Tool Company. During the World War he was in the machine gun section of the British air forces. Returned to his old job after demobilization. In April, 1923, he joined the staff of Babcock & Wilcox, boiler makers in Dunbarton, Scotland. Came to the United States in September, 1923, and was with the Iver Johnson Company of Fitchburg until January, 1924, when he entered the drafting room of the Whitin Machine Works.

Fred Whiteside entered Harvard College in 1918 and worked summers in a ship-yard, logging camp, on a newspaper, as photographer, and in a cotton mill. After graduating with a degree, he started to learn the machinery business in the Whitin Machine

Works. He has worked at setting-up spinning, combers, speeders, cards and pickers. He has also been on the road erecting pickers, roving and spinning. He is at present in the experimental room.

Charles Burlin author of "The Ancient Blacksmith in King Neb's Court" was returning home one evening recently and walked into his next door neighbor's house, that of Robert K. Brown, and no explanations were made but we understand that he was composing his next article for the spindle.



Winford "Sally" Jones, fisherman, hunter, ball player, etc., of New Village, and a member of the Pattern Loft, was recently in the Wood Pattern Department. While talking with Harry Lees he noticed a camera on the bench and asked a few questions about it. Harry showed him how it worked and without his knowing it the photograph here shown was taken.

The Wood Pattern Department this month tells us that they have welcomed three new pattern-makers, Fred McCutcheon of Ashland, Mass., Patrick McGovern of Marlboro and Fred Marquis of Pawtucket, R. I.

"Why all the noise about dangerous motor cars?" asks one editor. "Overfeeding kills more people than overspeeding."



Louis Brothers

Our Long Service Series

We heard that Louis Brothers, one of the old timers of the Polishing job had an exceptionally good photograph taken, and we are only too glad to have an opportunity to reproduce it at this time. Mr. Brothers has been employed in the Whitin Machine Works for the past forty-six years, and came here from the town of Manchaug.

He was talking with John Donovan, one of the watchmen in the shop in 1878, when Carlos Heath, foreman of the Gear job, and father of the present foreman, asked him if he would like to have a chance to work. Mr. Brothers said he would, and started on the morning of July 6, at \$1.25 a day. This seemed like big pay to him as he had been receiving only \$4.25 a week in Manchaug at that time. Mr. Brothers worked on the Gear job for twenty-four years.

Mr. Brothers says that if anyone wants to hear a good egg story, ask Burt Gill who was working with him on the Gear job when the joke was carried out.

About twenty years ago Mr. Brothers had trouble with one of his legs and finally had to have it amputated. When he returned from this serious operation he was transferred to the Polishing job under Bart McSheehy. He has been employed there for the past twenty-two years.

He tells us that he can remember John Whitin around the shop, and

can remember one day when he came on the Gear job and worked on the end of a spinning cylinder that was loose.

He tells us that when he first came here there were no sidewalks in the town. He further states that he is going to finish fifty years of service here, anyway, and that he has a very good chance as he is only sixty-six years of age. We certainly hope he is successful in his desire.

John Farrand, one of the pensioned employees of the Whitin Machine Works, died at his home in South Sutton this last month. Mr. Farrand had been employed here for thirty-six years and was retired on January 1, 1924. Mr. Farrand was very active in the Masonic Lodge, for many years holding the office of secretary. He followed the trade of a fitter and was employed on the Comber Erecting job for many years. He was very popular with the members of the department, and was respected as a man of exceptionally good character.

At the last moment as we go to press the foreman of the Metal Pattern job informs us that one of his men, Richard S. Baker, died at his home on Williams Hill, December 15. Mr. Baker had been ill for three or four months. He started in the Whitin Machine Works in September, 1899, and most of his service was connected with the Metal Pattern job.

Leon Barnes of the Tool job, on Saturday, the last day of the hunting season, shot a doe in Barre, Mass. Leon tells us that he was still hunting at the time, and had practically given up all hope of seeing a deer, as he had been in this particular place for four hours.

Harold Cummings of the same department knocked down a deer, but after following it for five miles had to give up the trail as somebody else had cut in.

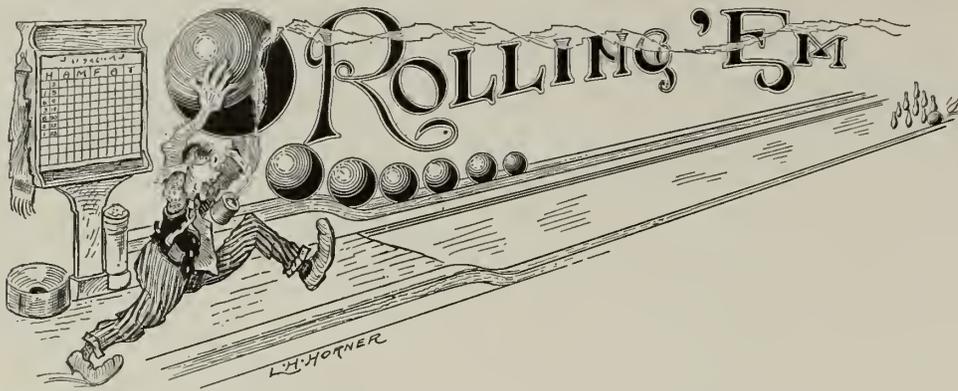


Harry DerKazarian

We were sorry to hear of the death of Harry DerKazarian, who has been absent from the Comber job since the first of June due to sickness. Mr. DerKazarian entered the shop in 1911 and was employed on the Comber job until he left us in June. He lived at 63 Border Street and was survived by his wife and two children. We extend our sympathy to them.

William Wright, a thirty-five year veteran of the Whitin Machine Works Foundry, died in Uxbridge, Sunday night, December 14. Mr. Wright was 73 years old and had been employed in the Foundry during his entire service in the Whitin Machine Works. He was a moulder by trade, working on the squeezer machines. The funeral was held on Tuesday morning, December 16, and was attended by a delegation from the Foundry.

John Walsh, a member of the Tool job, on taking a second look at his feet after he had arrived at work recently, discovered that he had equipped himself with an odd pair of shoes. It didn't take the boys long to find it out, but as near as we can discover the odd shoes didn't affect John's production. They might have been black and tan.



Bowling Leagues Have Good Start

Shop League

The Shop Bowling League for the first time in its existence is this year rolling candle-pins, and from the official records so far it does not seem to have made much difference in the averages.

The Yard has a big lead over its nearest rival, the Down Homers. The teams this year are rolling on six alleys, and every team in the league is together on Monday night. This increases the interest, as each team can watch the other in competition and it brings all the bowlers together at one time.

Broadhurst, one of last year's leading bowlers, is in the lead this year with an individual average of 94.6, while Hall of the Down Homers holds the high three string total.

Peltier, of the Foundry, who has only rolled one match this season, the last match before we go to press, has the high individual string with 123.

The high total this year is held by the Yard with 1,430 or an average of 95.3 for the team. The next total to this is 1,401, which is held by the same team.

The league standing and averages are as follows:

Week ending December 13th

	W	L	%	P. F.
Yard	20	8	.714	9,594
Down Homers	13	11	.542	7,904
Pickers	14	14	.500	9,188
Foundry	11	13	.458	7,915
Bolsters	12	16	.428	9,331
Garage	10	18	.357	8,926

INDIVIDUAL AVERAGES

Broadhurst	94.6	Donovan	89.7
J. Davidson	93.8	Kane	89.1
Marien	93.3	R. Davidson	88.2
Connors	93.1	LaFleur	87.9
Malmgren	92.1	Wood	87.7
Campo	92.0	Young	86.9
W. Hall	91.9	McQuilken	86.6
Brown	81.3	Green	86.3
Nash	91.3	Dorsey	86.1
Paquette	91.2	Vautour	84.8
Spratt	91.2	Shugrue	84.7
J. Hall	90.7	Stanovich	83.0
McGuinness	90.5	Rothwell	82.0
Boyd	89.8	Spence	80.0
Gahan	89.8		

HIGH THREE STRINGS

W. Hall	319	J. Hall	305
McGuinness	312	Connors	301
Peltier	311	Broadhurst	299
Kane	307	Nash	298
J. Davidson	306	Gahan	297

HIGH INDIVIDUAL STRINGS

Peltier	123	W. Hall	115
J. Hall	119	R. Davidson	113
Donovan	118	Boyd	112
LaFleur	117	McGuinness	112
J. Davidson	115	Nash	111

Office League

The Office Bowling League after the eighth week appears to be pretty well balanced between the four teams. Team No. 1 under Captain Montgomery, with the highest pinfall, leads by four points over its nearest rival, Team No. 2 under Captain Broadhurst. Team No. 4 until the eighth match was within one point of the leaders, but after winning 17 out of 21 points, lost 7 in one match to the present cellar champions, Team No. 3.

Team No. 3 has been in a slump after a remarkable start. In the first two matches they won 12 out of a possible 14 points, and followed this up by dropping 31 out of 35 points.

The outstanding bowlers have been Cain of Team No. 3, who has rolled totals of 499 and 521; Parcher of Team No. 3, with 495; Broadhurst of Team No. 2, with 506; McGroly of Team No. 3, with 524; Lincoln of Team No. 1, with 504, and Montgomery of Team No. 1, with 530 and 562.

The high single string of 132 went to Arba Noyes in the eighth match, when he got a spare, a strike on the spare, and a strike on the strike, and finished up the tenth box with another spare. Montgomery says that 132 is a very low figure, and that he will soon be back in the lead.

Montgomery, by bowling 530, broke the high five string total of 525, established by the Office League in the last five years of bowling, and the following week when he did 562, everybody felt as though a total had been set up which would be safe for some time to come.

The league standing and individual averages are as follows:

Week ending December 13th

LEAGUE STANDING

	W	L	%	P. F.
Team No. I	33	23	.589	18,211
Team No. II	29	27	.518	17,808
Team No. IV	27	29	.482	17,789
Team No. III	23	33	.411	17,839

INDIVIDUAL AVERAGES

Montgomery	100.5	Adams	88.7
Broadhurst	94.3	Noyes	88.5
Cain	93.3	Noble	88.4
Foley	92.9	Ferry	88.3
Lincoln	92.6	Duggan	87.8
Lamb	91.1	Driscoll	87.7
McGoey	90.6	Carpenter	87.4
Parcher	90.1	H. Crawford	86.9
Park	89.9	Scott	86.9
Connors	89.1	Dalton	86.8
Minshull	89.0	Benner	85.5

HIGH FIVE STRINGS

Montgomery	562	Lincoln	504
McGoey	523	Connors	496
Cain	521	Parcher	495
Broadhurst	506		

HIGH SINGLE STRINGS

Noyes	132	Lincoln	118
Montgomery	131	Broadhurst	117
Cain	127	Benner	114
Connors	126	Carpenter	113
Lamb	123	Foley	113
Dalton	122	Minshull	113
McCoey	120	Parcher	112

Noel Leads in Century Swim

The Century Swim which is being conducted among the members of the Whitin Community Association is proving one of the most popular diversions of the pool, not only from the competitive standpoint, but from the health standpoint.

Many persons who have entered the swim have found to their surprise that they are now able to swim a half mile, and some one mile, at one try without stopping, in the half hour allotted.

The Century Swim is doing much to establish in the minds of the competitors confidence in themselves while in the water, and many have found that they can really swim much farther than they ever hoped they could.

Just by way of comparative illustration, the world's record for the mile swim with 17 turns is 23 minutes 30-4/5 seconds, made by Beaurepaire in 1921. Some of the girls and boys as low in age as 12 years are swimming a mile, which is 88 lengths of our pool, in 30 minutes, with 44 turns, so there has been quite a bit of progress made. Who knows but what we will see a long distance swimming champion from Whitinsville sometime in the near future.

Mr. MaLette, the Physical Director at the Association, who is the inventor of this Century Swim idea in its present form, and who has charge of this Swim, has received several letters from other cities and towns asking for the particulars so that they may start a similar swim.

There are about 20 competitors who have not reached two miles, whose names are not included in this compilation.

Following is a list of the names of all competitors who have passed the two mile station, beginning with the leader, giving number of lengths of pool swum, and approximate number of miles.

The above compilation is complete up to and including Thursday, December 11, 1924.



	Lengths	Approx. Miles
Carrington Noel	2876	33
Josephine Belanger	2601	30
Arthur Broadhurst	2572	29
Joan McSheehy	2432	28
Mrs. Bertha O'Neill	1966	22½
Marion Hickox	1917	22
Constance Gough	1848	21
Arthur A. Hall	1830	21
Doris Hickox	1800	20½
Elizabeth Casey	1718	20
Jack Brines	1638	19
Robert Walker	1436	18
Barbara Greenwood	1384	17
Geoffrey Gough	1367	17
Lillian Bogie	1268	16
Mrs. Eva Magill	1253	16
Ralph Houghton	1233	15½
Virgilyn Noyes	1187	13½
Mrs. Charlotte Hall	1106	12½
Grace Taylor	1101	12½
Clara Johnston	1081	12
Marianna Noyes	979	11
Mary Driscoll	949	10½
Eric Jackson	948	10½
Marion Bogie	941	10½
Milicent Cramp	918	10
Edward Carlson	894	10
Buddie McSheehy	872	9¾
Edward Carroll	838	9
Clare Walker	786	8½
James Bollivar	782	8½
Elmer Connors	749	8
Helen Carpenter	706	7½
Arthur Ashworth	692	7
Mrs. Mulcahy	673	7
Louise Stimpson	610	6½
Robert Marshall	606	6½
Gladys Williams	575	6
Myrtle Magill	561	6
Ula Hanny	520	5½
Phillip Walker	490	5
Dorothy Driscoll	421	4
Eva Gammelin	414	4
Robert Spratt	392	3½
Betty Parker	390	3½
Mary Kelleher	389	3½
Sister Stevens	363	3½
Francis Blouin	289	3¼
Jack McSheehy	259	3
Veronica Kane	258	3
Pauline Driscoll	244	2¾
James Stevens	229	2½
Lois Nelson	228	2½
Muriel Barker	198	2¼
Marion Gallotte	194	2¼
Elmer Schoneman	187	2

Rockdale's Fall Baseball Nine

The Rockdale baseball team was well known to the Whitinsville baseball fans this season, and we have been asked by several of the Rockdale fans if we would publish a photograph of the team for them. We are only too glad to do this. The above picture was taken at one of the games played in October on the Rockdale field. In this game Rockdale had secured the services of "Rabbit" Maranville, formerly of Pittsburg and now of the Chicago Cubs, and Hartnett of the Cubs. As most of you know, Hartnett is a local boy, being born and brought up in Millville. The players, left to right are: Gould, DeOrsey, Martel, Belanger, Spates, Maranville, Ashworth, Hartnett, Contois and Demoe.

Swimming Champions Coming January 3rd

Those who saw the swimming exhibition last year will not want to miss the evening of January 3 at the Whitin Gymnasium Swimming Pool. On the program this year are Gertrude Ederle, Aileen Riggan, Helen Wainwright and Agnes Geraghty. They are coming here under the auspices of the New York Women's Swimming Association, of which Miss Gertrude Epstein is manager. Reserved seats are on sale at the Community Building and should be secured at once in order to secure the best possible chance to see these World Champion swimmers and divers.

Romance of Cotton Machinery

Last month's issue of the SPINDLE started a treatise on spindles, dealing briefly with the Booth-Sawyer spindle and the Rabbeth spindle, which were forerunners of the modern spindle.

This article, by George Gannon, Drafting Room, will continue with a brief description of the different kinds of spindles and their origin.

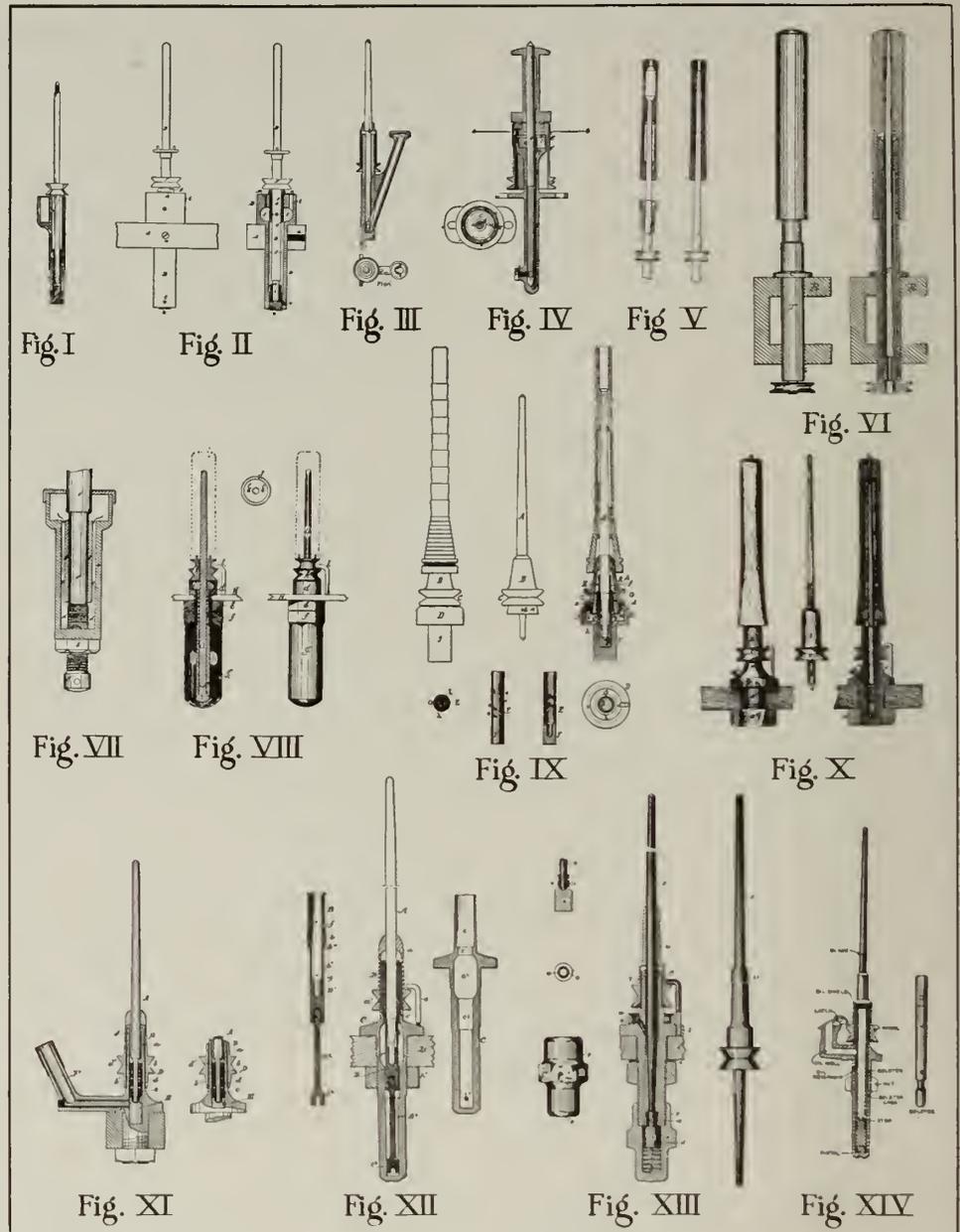
In 1857 a British patent was granted to David Cheetham, a machinist of Rochdale, England, on a spindle (Figure I) supported by, or rather built into, one rail. Cheetham did not use a loose bolster but a stationary bushing as an upper bearing, and an adjustable screw for a bottom or step bearing. The latter is similar to the arrangement used on Draper spindles of the present day.

In 1860 a U. S. patent was granted to Erastus N. Steere, of Providence. Unlike Cheetham's spindle, it was removable and was held in the spindle rail by means of a set screw. This was a completely self-contained spindle (Figure II) supported by one rail only. The method of oiling his spindle was Steere's main interest.

In 1866 a patent was granted to John E. Atwood of Mansfield, Mass. (Figure III shows the sleeve whirl, of which Atwood was the inventor), which brought the pull of the driving band in line with the upper spindle bearing. Atwood was also the first to use the oil spout on a self-contained spindle.

The Rabbeth and Atwood spindle (1867) is a self-oiling spindle. As shown in Figure IV, there is an oil reservoir, and also a channel leading into the interior of the base. This spindle is supported on one rail only, as were the Cheetham and Steere spindles. This saved labor in oiling the spindle.

In 1870 Oliver Pearl, overseer of the Atlantic Mills, in Lawrence, Mass., conceived that the power required by a spindle could be reduced by cutting off a part of the spindle above the bolster bearing, keeping the balance of the spindle by cutting off weight and length from its lower end. Thus a substantial amount of power was saved. The Pearl spindle was of the two-rail type (Figure V).



I. Cheetham Spindle.
II. Steere Spindle.
III. Atwood Spindle.
IV. Rabbeth-Atwood Spindle.
V. Pearl Spindle.
VI. Sawyer Spindle.
VII. Tompkins Spindle.

VIII. Carter Spindle.
IX. Birkenhead Spindle.
X. Rabbeth Yielding Bolster and Spindle.
XI. Draper Spindle.
XII. Taft-Woodmanay Spindle.
XIII. McMullan Spindle.
XIV. Modern Whitin Gravity Spindle.

Next came the Sawyer spindle (Figure VI). This spindle of Mr. Jacob H. Sawyer, agent of the Appleton Mills at Lowell, entirely revolutionized spinning. He chambered out the bottom of the bobbin and carried the bolster up inside, thus making the center support the load which the spindle had to carry. The saving in power was enormous. Here again in the Sawyer spindle we have the two-rail type. But after the Sawyer spindle the two-rail type practically disappeared.

In 1867 Charles R. Tompkins received a patent for showing a loose bolster having projections to prevent it from revolving (Figure VII).

In 1874 came the Carter spindle, patented by Euclid D. Carter of Pawtucket, R. I. (Figure VIII). This spindle had a suspended bolster which completely surrounded the lower portion of the blade, but the bolster was not free to move.

In 1878 John Birkenhead of Mansfield, Mass., showed a spindle having an elastic bolster (Figure IX). In fact he preceded Rabbeth in having a yielding bolster in combination with the sleeve whirl.

In 1880 Francis J. Rabbeth was granted a patent for a yielding bolster (Figure X). The yielding bolster, consisting of a flexible sleeve, was patented by Birkenhead in 1878.

Rabbeth's was a yielding bolster constructed as a separate piece. He introduced the felt or woolen sleeve surrounding the loose bolster.

During the next twenty or thirty years hundreds of other spindle patents were granted. In 1882, three patents were granted to George Draper and William F. Draper of George Draper & Sons, now the Draper Corporation of Hopedale, Mass. These show various forms of wicks or packings which surrounded the spindle, keeping it in place and yet forming a yielding support (Figure XI). Many of these spindles are now in use, using fabric or leather packing or a spiral spring as a cushion.

G. E. Taft and Henry Woodmaney of Whitinsville, Mass., patented the Whitin gravity spindle (Figure XII) in 1882, which has been used in modified forms by the Whitin Machine Works and other manufacturers. This spindle had no cushion but depended on a light springy stem, secured to the lower end of the step, to give it the desired freedom. The modern Whitin spindle does not use the stem, but the bolster and step are still in one piece, resting on the bottom of the base but allowing freedom on the sides.

The McMullan type was patented in 1890 by James H. McMullan, agent of the Saco Water Power Machine Shop, now part of the Saco-Lowell shops, Biddeford, Maine. The main feature of this type of spindle is the loose lock step (Figure XIII), which is free to find its own center but is not free to revolve. The modern McMullan spindle has an additional cushion due to the film of oil between the loose step and the bolster.

Figure XIV is a sectional view of the modern Whitin gravity spindle and is indeed a masterpiece in design and efficiency.

We wish to thank my fellow workers for their kindness to us in our recent bereavement. The gifts and sympathy were very much appreciated and very acceptable.

C. E. HARRIS
ERNEST H. HARRIS
GEORGE F. HARRIS



Ye Ancient Lock to Ye Wine Cellar

The Ancient Blacksmith in King Neb's Court

By C. T. Burlin

Some time ago I told you about the life adventures of the blacksmith who did the iron work on the temple of Solomon. I also told of his captivity and removal to Babylon, where he became a great favorite of King Neb on account of his ability in the flivver line. I will now relate a truthful story of some more of his activities.

It came to pass one day that the King became afflicted with a great dryness and he commanded Selah, the keeper of the wine cellar, to bring some of the gin from Nineveh. Selah, returning in a little while, prostrated himself, declaring "O King of Kings, the gin is all gone and so is all the rest of the private stock." Upon hearing this the King waxed wrathful and cried, "How can this be. Only yesterday there was plenty of all kinds." To which Selah replied, "I suspect some of your servants, or else some prohibition officers have made a raid on it, for you know, O King, that they need no warrant now but can come like a thief in the night and take your stuff away."

And the King bewailed his luck and said, "What am I to do with three or four christenings this week, not to talk about the weddings. With the water low in the reservoir and full of seeds we will in truth have pond lilies growing in our stomachs; also my bootlegger from Nineveh will not be here for a week. His last load was captured by highjackers, although

the barrels were marked 'whale oil.' Surely if there ever was a King out of luck, it is I."

To this Selah announced, "O light of the world, why not have your servant, the blacksmith, make a lock so we can lock up the cellar." And the King commanded him to do so, and the blacksmith wrought early and late and made a lock, and the wisdom of the Chaldeans or the cunning of Aldrich and Houdini could not prevail against it. And the King rejoiced and gave him a purple coat and gave him two of his daughters for wives, and sat him at his right hand, and all was well again in the land of Babylon.

And it came to pass afterwards that the King got neglectful of his cellar, and he went out and drank water and eateth grass with the cattle, and was cuckoo, and Babylon was captured by the Persians, and the lock was brought to Persia and from there to Rome. How it came into my possession will be told in the next issue.



The three little children in the above photograph are Nancy May Lees, daughter of Harry Lees of the Wood Pattern Department, Joseph Murphy, son of James Murphy of the Pool Department, and Priscilla Simmons, daughter of Denton Simmons of the Carpenter Shop.

Louis Veau of the Foundry was receiving congratulations on November 12 on the occasion of the birth of a baby girl. The baby has been named Rita Baldwin Veau.



CREW THAT INSTALLED WATER WHEELS THIRTY YEARS AGO

First row, left to right: 1, Eugene Brayton, boss of Repair Department, cotton mill; 2, ?; 3, Mr. Pichetter; 4, Dirk De Boer; 5, Mr. Streeter; 6, Captain Adams, Superintendent; 7, ?; 8, Samuel Jefferson, at present on the Card job; 9, ?, 10, Nat Hill, mill engineer; 11, John Spratt
Back row, left to right: 1, ?; 2, William O. Aldrich, Superintendent of the Whitin Machine Works; 3, ?; 4, Everett Avery; 5, ?; 6, Charles Taft.

New Power Wheels for Old Cotton Mill

In the Whitinsville Cotton Mill, which was recently purchased by the Whitin Machine Works, they have recently removed two vertical waterwheels. These wheels were capable of developing 293 horsepower by making use of the Hill Belt & Idler system. These Wheels were installed thirty years ago under the direction of Mr. Streeter, and the above photograph shows the gang which was employed at that time.

It is a strange coincidence that in these last two month, a little over thirty years since the wheels were put in place, they were taken out and replaced by new ones under the direction of the same man, Mr. Streeter, who is representing the Holyoke Machine Company. Henry Owen, an engineer of the shop, is supervising the construction.

These new wheels are being replaced in the same old cases that held the old ones, and by using all the water going through will develop 350 horsepower. The electric generator will be located directly on top of the wheel cases. The power from the wheels will be transmitted to our power-house switchboard for general use in the shop.

The photograph was given to us by W. O. Aldrich, Superintendent

of the Whitin Machine Works, who will be recognized in the middle in the back row.

Christmas Pageant at Gymnasium

On the evening of December 22, 1924, the gymnasium classes of the Whitin Community Association presented in pageant form "The First Christmas." This pageant was staged and written by Miss Ruth Calhoun, assistant physical director. The pageant was divided into two parts, the first half depicting the first Christmas and the second half a present day Christmas. Practically every member of the women's classes, seniors, intermediates and juniors, were included in the cast. Also several members from the men's classes.

The costumes and stage effects were to be highly commended. Miss Calhoun stated that she received remarkable cooperation from the members of the gymnasium and wishes especially to thank the committees, whose duties were especially hard. These committees included the Property Committee—Mrs. Marshall, chairman, Mrs. Hickox, Mrs. Wood, Mr. Marshall and Mr. Walker; Scenery Committee—Mr. Halpin, chairman; Costume Committee—Mrs. Greenwood, chairman, Mrs. Carroll,

Mrs. Hall; Stage Committee—Mrs. Thorlacius, Mrs. Casey.

Miss Hopkinson, a teacher of music in Whitinsville, arranged the music and played the accompaniments throughout the pageant.

Engagements Announced

The stenographers' room sprang a surprise on the rest of the office force when two of its members appeared during the month of November with beautiful diamonds sparkling from their ring fingers.

The first of these two was Miss Florence Barr, who revealed her engagement on Saturday morning, November 8. The fortunate young man in the case is none other than Raymond Adams, a member of the Production Department.

Miss Alice Magill appeared the day after Thanksgiving with her diamond, and tells us that her husband-to-be is Frank Jefferson, a former member of the shop, now working with Morton Carr of Whitinsville.

We extend our congratulations to both of these young ladies.



Judith Brines

Age two years. Daughter of Moses J. Brines, Director of the Whitin Community Association.

A Press Notice from the South

The Whitin Machine Works were represented at the Southern Textile Exhibition held in Greenville, S. C. The members of the experimental room and sales force who were present at the show report back that they had a very successful and interesting time.

A clipping from the Greenville News reads as follows:

PLEASED WITH GREENVILLE

"The South is a land of sunshine, and the warmth of the sunshiny Southern skies is but a reflector of the hospitality of Greenville," said J. Currie, a Scotchman, who is here representing the Whitin Machine Works of Whitinsville, Mass., and as good a Scott as ever burred an "r" or tolled an "I". "Oh, I like Greenville, and I like the people in it. This is my first trip South, and I think it's all wonderful. Up home, Massachusetts, they're wearing overcoats and looking for snow. Down here we didn't need any overcoats, and wouldn't need 'em now but for the rain.

"Mr. Currie and his co-workers will be in Greenville until about Friday, by which time they will have the big exhibit of machinery sent to the exposition packed and ready for shipment back North. But they won't take as much back as they brought down, because a lot of it was sold during the exposition."

We do not believe Mr. Currie knows anything about this, and it is the first time, to our knowledge, that he was credited with being a Scotchman. One day we asked him if anyone ever took him for a Scotchman, and he replied, "Sure they have. Although I was born in the north of Ireland, I spent most of my younger days in Scotland."

While on a recent rabbit hunting trip, Leon Barnes got into a briar patch where there were so many rabbits he didn't get a shot. "Cooky" tells us the dog was almost twisted up in knots following the cross trails."



A Few More Members of the Elm Tree Club

Harry Lees of the Wood Pattern job took a snapshot of the following members of the Elm Tree Club as they had just finished the post mortem on the annual election. They are, left to right, "Chris" Miller of the Flyer job, "Lon" Gill of the Hank Clock job, "Al" Fletcher of the Card job, Irving Peck of the Brush job, "Jack" Kershaw of the Spooler job, "Jack" Spencer of the Pipe Fitting job and Arthur Wright of the Flyer job.



Caught In The Act

Look who we have here. This time the camera caught Cy Hemenway, Foundry electrician, enjoying his favorite hobby, that of a quiet snooze on the front porch. Cy was spending a week-end at Sterling Camp Grounds when he was caught in this most pleasant occupation. We know that Cy has never seen this photograph and has no idea it is in existence.

If safety isn't first, there may be no opportunity for other things.

Miss Walsh Leaves the Office

A surprise shower and dinner party was given to Miss Catherine Walsh, a member of the Main Office of the Whitin Machine Works, in the Uxbridge Inn on Wednesday evening, December 11, at which time she was presented with a floor lamp. The occasion was in honor of her coming wedding to James J. Spillane of Worcester, instructor of French at Holy Cross College. The girls of the office were present, and several other friends of the bride-to-be from Whitinsville.

Miss Walsh was married on December 26, at St. Patrick's Church, Whitinsville, and after a honeymoon trip will be at home at 25 Granite Street, Worcester, Mass.



Cow Moose photographed in Maine by Claude Jillson of the Oil Reclaiming Dept.



An idea of the Civil War going on in China. These photographs were sent to us from the Whitin Office at Shanghai, China, by our representative, Phillip J. Reilly. They were taken very near the city limits of Shanghai.

On October 6th the Pay Roll Department extended congratulations to Mary Meade on the occasion of her engagement to William J. Galleshaw of Pawtucket, R. I. We understand she has kept her ring from public gaze for nearly a year, but are congratulating her and Mr. Galleshaw, nevertheless, at this time.



Charles O. Smith of the Picker Erecting Department took the above photograph while on his vacation in Canada. It is a picture of the Victoria Bridge which spans the St. Lawrence River between Songneuil and Montreal. It is possible for four modes of travel to cross this bridge at one time, space being reserved for foot passengers, trolleys, automobiles and railroad cars.

Our greatest undeveloped resource is the odd looking spherical knob attached to the upper end of the spinal column of each American citizen.

Peter Tebeau is in the market for a new alarm clock. He arrived an hour before daylight on a trip that was planned to bring in the rabbits for the annual rabbit pie supper at the Mumford Gun Club. "Pete" took a trip around town and finally Harry Drinkwater took him in and warmed him up for a half an hour before the cold morning broke.

Fresh air is free; get plenty of it this winter.



Harry Lees of the Wood Pattern job gave us the above photograph which he took of Leo Hartnett and Rabbit Maranville, Chicago Cub players who played with Rockdale at the end of the National League season.

Report on Deer Hunting

On the opening day of the deer hunting season Robert Robinson, assistant foreman of the Electrical Department, and Samuel Brown of Cottage Street, Whitinsville, went into the woods at Orange, Mass. On one occasion Robinson, wrapped up in a blanket, was sitting on a stone, dreaming about how he shot his deer last season, and not having much confidence that he would be as lucky this year. (Last fall, as he was resting in the woods, a deer passed him a short way off, and he shot it just as it passed through a small opening.) While he was thinking of this he noticed a small brown object moving beyond the stone wall, and a little later, as the stone wall dipped with the natural grade of the ground, there passed an eight point buck. Mr. Robinson threw off the blanket and in a very short while the buck was his. That is what we call "hunting de luxe."

The following day they were tracking a deer through the woods and Sam Brown brought down a 200 pound doe.

A little care is better than dare everywhere!



The four children in the above picture stopped long enough in their play to have their picture taken. The first little girl is Lois Baynes, whose father works on the Tool job, and the other three are the children of Arthur St. Andre, in charge of the express office in the Freight House.



Whitin Machine Works Foundry photograph contributed by Louis Veau of that Department



The
WHITIN
Spindle



A View from the Office Window

JAN. - FEB.
1925
Vol. 6 No. 1



Paul Wheeler
Earl E. Hammond

Alex T. Brown
Margaret M. McKaig
Harry Colbrook

George C. Newbegin
John H. Ames

The WHITIN Spindle

VOLUME 6

WHITINSVILLE, MASS., JANUARY-FEBRUARY, 1925

NUMBER I

Promotions and New Members of the Past Two Months

During the month of January and February there have been two promotions in the shop among the assistant foremen. Alex T. Brown was made foreman of the Milling Department and Fred Burroughs was appointed foreman of the small Planer Department. From the shop employees Earl E. Hammond, automatic screw machine operator, was promoted to the Production Department.

There have been three new members added to the office force, Miss Margaret M. McKaig in the Main Office, John H. Ames in the Production Department, and Harry Colebrook in the Drafting Room.

In the Blacksmith Shop George Newbegin was appointed foreman to succeed Charles T. Burlin, who resigned last month.

A short outline of their previous experience follows:

John H. Ames began his industrial experience in the Foundry and Core Room of L. Schreiber & Sons Company and John B. Morris Foundry of Cincinnati, Ohio. This was in June, 1910. At the same time he entered the University of Cincinnati Engineering College, graduating from that university in 1915 as a metallurgical engineer. From July, 1912, until July, 1923, he was connected with Lunkenheimer of Cincinnati, during which time he worked a year in the Machine Shop on milling machines and lathes, a year on cost and time keeping, eleven months at heat treating, and was for several months in charge of the heat treating department. He also spent a year in the Sales Department. In August, 1917, he enlisted in the U. S. Army and was a first lieutenant in the Ordnance Department. He was an army inspector of ordnance at various arms ammunition manufacturing plants. After the war he returned to the Lunkenheimer plant and spent a year and nine months on

metallurgical research work, specializing in brass and foundry problems; and for a year and eight months was connected with the production control and planning department work. From October, 1922, to January, 1923, he was transferred to the sales engineering department, where he had charge of handling special installations and technical advice in connection with sales. In October, 1923, he became Works Manager of the W. S. Merrill Company, Cincinnati, and in October, 1924, Production Manager of Reed-Prentice Company, Worcester, Mass. He started working in our Production Department last month on special control work.

Alex T. Brown commenced for David Smith on the Railway Head Department on January 6, 1890. He was transferred to the Drawing Job in January, 1892, and later worked for a year on the Spooler Department. In 1893 he was placed on the Tool Job under A. H. Whipple, and was appointed assistant foreman of the Milling Job under E. H. Hanny, February 19, 1900. He was made foreman of the department January 1, 1925.

Fred Burroughs started to work in the shop under Fred S. Houghton on the Drawing Job in 1887. From there he was transferred to Malcolm

Burbank on the Loom Job and later to Henry Woodmancy on Spindles. He worked for a while under Remington and Burbank on Spinning, and in July, 1894, started as a lathe hand repairing spinning rolls for Lewis W. Smith. On October 24, 1894, he was sent to the small Planer Job under W. G. Blair. The second-hand, Robert Brown, retired in October, 1909, and Mr. Burroughs was made assistant foreman. He was appointed foreman of the department December 29, 1924.

Harry Colebrook attended the Worcester Trade School in 1915, where he took a course in drafting. He was employed in the Drafting Room of the Reed-Prentice Company, Worcester, for ten years. He came to the Drafting Room of the Whitin Machine Works from there February 9, 1925.

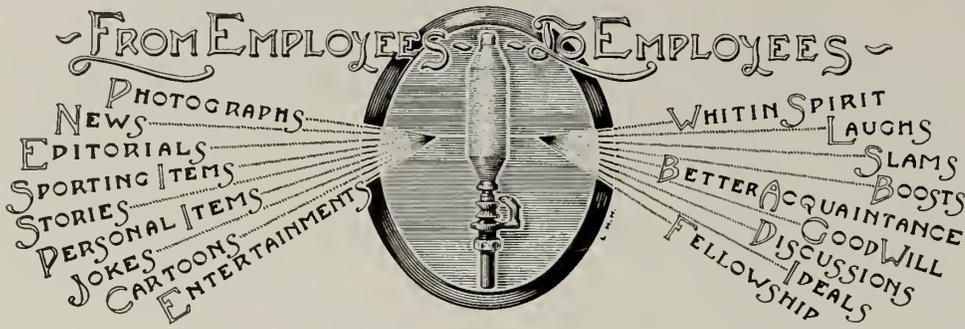
Earl E. Hammond came to the Whitin Machine Works at the age of 17, from Monson, Maine, and was employed on the Automatic Screw job under Robert Britton. This is the only department he has worked in here in the shop, but he has had an opportunity to master all the details connected with these complicated machines, having set up and operated all the automatics in the department. He joined the Navy, April 29, 1917, and served throughout the war, being discharged exactly two years from the date of his enlistment. Mr. Hammond started in the Production Department on Monday, February 16.

Margaret M. McKaig graduated from the Northbridge High School in 1918 and from the Woonsocket Commercial School in 1919. In April, 1919, she started to work for James Whitin, Inc., of North Uxbridge. She returned to Woonsocket for a short time to graduate from the Commercial School in June. She was employed at the Cotton Mill until it was closed down in June, 1923. On the seventeenth of June, 1923, she began her duties in the office of the G. Marston Whitin



Fred Burroughs

Continued on page 4, column 2



Published Monthly by Employees of the Whitin Machine Works, Whitinsille, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Let Us Have Contributions from All for the Spindle

It has come to our attention that we neglected a very important notice which should have been printed in the last SPINDLE concerning the death of one of our leading men in the shop. While it is our intention at all times to keep a list of the important events which should be put in the coming SPINDLES, it is often the case that we forget to jot them down or for some reason we do not find out about them. In order that nobody be disappointed and that the SPINDLE shall catalog the important news of the shop, we wish to bring to the attention of everybody that the life of the SPINDLE depends upon its voluntary contributions. We have had wonderful support from the members of the shop, and we hope that they will send in not only the outlines of what has been going on, but will continue to include the photographs and snapshots.

In sending in personal notes, especially, we hope that everybody will consider that it is not right to publish anything in the paper which would tend to hurt the feelings of the individual about whom it is to be published. Bits of humor and interesting episodes should not make out the individual to be either foolish

or stupid. The best sports among us all appreciate a good joke on ourselves and we all realize that we do strange things at which our friends have a perfect right to laugh. A real person does not object to being ridiculed in a friendly or harmless way.

It is always advisable to sign your name to any note sent in. In this way it is possible to understand the complete situation by finding out more details from the writer if necessary.

Promotions and New Members of the Past Two Months

Continued from page 3, column 1

Gymnasium, and was transferred to the Main Office of the Whitin Machine Works, Monday, December 22, 1924.

George C. Newbegin is a native of Maine, born in the town of Gorham, November 25, 1888. He served his apprenticeship as a die sinker at Thomas Laughlin Co., a marine hardware concern in Portland, Maine. In 1911 he was employed as a die sinker and drop forger by Billings and Spencer Co. He was promoted to assistant foreman of the die room and had charge of the die sinking school for apprentices. He was made chief inspector of the plant and later production superintendent. In 1922 he was employed by the Winchester Arms Co., New Haven, Conn., as forge superintendent. He entered the Whitin Machine Works in January, 1925, and is in charge of the Blacksmith Shop.

Paul Wheeler came here in 1907 from the Draper Corporation and started on the Tool Job, of which Winslow Tibbets was the foreman. He worked there also under Robert

Deane. From 1919 on, in addition to his regular tool work, he acted as first-aid man in the shop hospital. He was made assistant foreman of the Milling Department January 1, 1925.



Edward H. Hanny

Veteran Foreman Retires

On the first of January, 1925, Edward H. Hanny, foreman of the Milling Job, was retired after fifty-one years and ten months of service. Mr. Hanny came here in March, 1873, and served his time as an apprentice in the shop. In 1887 he was transferred from the Spinning Department to take charge of the Milling Job, succeeding the foreman, Leslie Wade. At this time there were eight old style milling machines, then called slabbing machines, on the job, and the department employed five men.

We are sorry to have Mr. Hanny leave us, but after his long service in the shop he certainly deserves a chance to employ his time in other ways. We congratulate him on his long service record and hope he has many years of happiness before him.

Two sure ways of catching a cold—overeating and overheating.

What we call bad luck is often the result of poor judgment.



William G. Plain

Retires in His Fifty-third Year of Service

William G. Blair, foreman of the Planer Department, retired on the first of January, after fifty-two and one-half years of service in the Whitin Machine Works. He was foreman of the Planer Department for thirty-six years and nine months.

Mr. Blair came here in July, 1872, from Norwich, Conn., and started in as an apprentice under Warren Smith on the Roll Job. He also worked under Warfield on the Loom Job. He was transferred from this department to the Tool Job under William Dixon; from there he was sent to the Planer Job as foreman. At that time there were but five men in this department.

Mr. Blair feels that for the sake of his health it will undoubtedly be a good thing for him to discontinue active duties in the shop, but confessed to us that it would be a strange feeling not to have a definite task set out for him each day.

About the first of this month we had an enjoyable talk with Mr. Blair in the office, and he tells us he is enjoying life immensely although sometimes he gets tired of being a gentleman of leisure.

The fox hunters have been having some good drives this winter. The last time we checked up with them George Gill of the Roll Job had two to his credit. The last one was shot on Christmas morning.

Eclipse of Interest to Whitinsville Residents

The eclipse came on time, or was it five seconds late? Anyway, the majority of the employees of the Whitin Machine Works had ample opportunity to watch the eclipse from its beginning until the last bit of the moon left the circle of the sun. Several groups from the shop took advantage of the closing of the Works on Saturday morning, January 24, and journeyed south into Rhode Island and Connecticut within the zone of the total eclipse. Others of us watched it from our windows or yards and saw a 99% show.



The Eclipse from Castle Hill, as photographed by Harry Lees of the Wood Pattern Dept.

Mr. and Mrs. Robert Hargraves are enjoying a new baby at their home on Cottage Street. The baby boy was born January 16, and has been named Roger Brown Hargraves. Mr. Hargraves is a member of the Drafting Room.



Boxed Whitin Machines ready for the Erectors at the Gonzales Cosio Hnos Cotton Mill, Santandar, Spain



Whitin Machinery in Spanish Mill

We received a couple of photographs from Spain where one of our roadmen, William Ferguson, has been erecting machinery this last fall and winter. The photographs are of the Gonzales Cosio Hnos Cotton Mill at Santandar, Spain. Mr. Ferguson is supervising the erecting of this machinery with the aid of Spanish helpers. He also has charge of erecting jobs in several other parts of the continent.

There was a good deal of discussion going around during the days before the eclipse, which undoubtedly was heightened by the interesting reports published by the country's newspapers. On the Card Job there was much disappointment expressed because a rumor was started that the eclipse had been postponed until Sunday due to the inclement weather that was expected on Saturday. As a result, a slight criticism of the idea of closing the shop down on Saturday morning was expressed among several. It was thought that any postponement that was to take place might have been foreseen before the policy of closing the shop was settled.

The Card Job was not the only department in which the postponed story had its followers, but regardless of the desire of some to bring about the eclipse on Sunday, the sun and the moon were evidently in consultation, as they carried out their program as we have already stated, practically on time.

The eclipse has gone from this part of the country for at least another hundred years, and it is doubtful if any of us live to strain our mathematical abilities to figure out the possibilities of another postponement.

Romance of Cotton Machinery

G. H. P. Gannon

Since the design of spindles used in the ring spinning frame was summed up in the last issue of this magazine, it would be advantageous at this point to study the principle employed by the spindle coupled with the ring and traveller in the modern spinning frame.

This ring traveller principle is without doubt the most marvellously designed unit in textile machinery because of its unusual simplicity and high efficiency. The spindle rotates the bolster at a very high speed, often around 10,000 revolutions per minute, and in its attempt to wind on the yarn it pulls the traveller around with it. There are two distinct actions here which happen simultaneously.

1. Each revolution made by the traveller puts one turn twist in the yarn.

2. The fact that the traveller lags behind the bobbin gives the result of winding the yarn on the bobbin.

Figures 6 to 10 will show clearly the twisting action of the traveller. Let us assume that the thread is a ribbon, as shown in Figure 6, with no twist whatever, and it will be much easier to analyze. Figure 7 shows the resultant twist after one-quarter turn of the traveller. Figure 8 shows the twist after one-half turn of the traveller. Figure 9 shows the twist at three-quarters of a turn of the traveller. Figure 10 shows that the thread has received one full turn twist after the traveller has made one complete revolution.

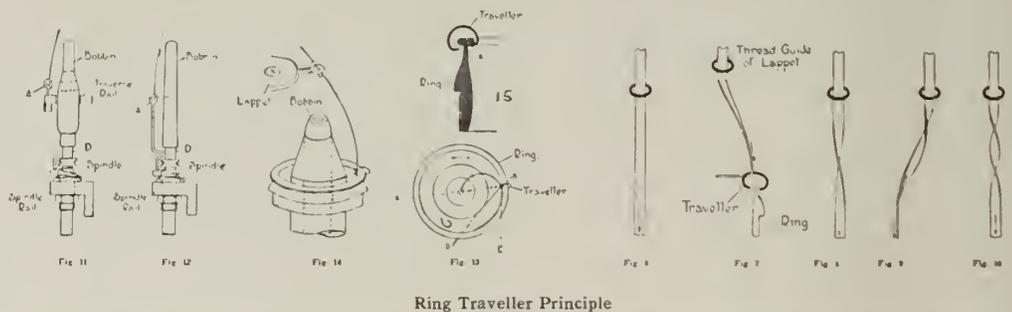
Let us now consider the winding. If we had a condition like Figure 11, where the traveller was a fixed guide as A, then the bobbin would simply wind on the yarn but there would be no twist.

Then again, if we had a condition like Figure 12, where the traveller is an eyelet fixed to the spindle, the result would be no winding but one turn twist for each revolution of the bobbin.

Figures 11 and 12 show that the winding and twisting must happen simultaneously if the yarn is to be

wound on and twisted as we know it is. If the front rolls delivered 200 inches of yarn per minute and the speed of the bobbin were 9,000 R. P. M., and the circumference of the bobbin were two inches, then the traveller must go 8,900 or a difference of 100 revolutions in order to wind up the 200 inches. The reason why the traveller always lags behind the bobbin may be easily seen. As the bobbin rotates at a high speed the yarn tends to pull the traveller toward the bobbin on a line BD, Figure 13, tangential to the outside diameter of the bobbin. This pull BD can be split up into two forces, BA toward the center of the bobbin and BC tangential to the ring. The traveller revolving at a high speed, say about 8,000 R. P. M., tends to fly outward away from the center of the bobbin. It is loosely held by the ring as in

Figure 15, and its leg, A, infringes with some force on the inner surface of the top flange of the ring. The force BC due to the mass and velocity of the traveller is very small in comparison to this centrifugal force exerted by the traveller against the ring and can be ignored. Hence, this centrifugal force has a decided retarding action on the traveller's motion around the ring. Moreover, the flying yarn, or ballooning effect of the yarn, between the thread wire and the bobbin has also a retarding effect. These forces are approximately constant, hence the lag is a constant proportion of the revolutions of the spindle. The weight of the traveller is proportionate to the counts of yarn to be spun and the bobbin speed. Therefore, since all the factors governing winding and twisting are approximately constant, the resultant yarn is fairly uniform.



Junior Rifle Corps Meets on Saturday Afternoons at Community House

Fifteen members of the Junior Rifle Corps meet at the Community Building, Saturday afternoons, under the direction of Albert Hassan, a member of the Spinning Erecting Department. In most every case the boys had not fired a rifle until they started this last November. Already, two of the members have qualified for pro-marksmanship medals given by the Winchester Arms Company for efficiency. The medals were presented to John Porter, son of Albert Porter of the Blacksmith Shop, and to Philip Walker, son of Philip Walker of the Carpenter Shop Office. To receive medals the boys were required to shoot ten targets at fifty feet, with a score of better

than 18 out of a possible 25 points. There are several others who are expected to get their pro-marksmanship medals very soon. Advanced medals for marksmanship will be presented as soon as a score of 21 or better for ten targets is made. The boys are using the model M4 single shot Winchester rifle with open sights.

Mr. Hassan deserves credit for the interest he has shown in developing these boys in rifle shooting. He is President of the Whitinsville Rifle Club, and one of the crack shots.

Francis Joslin, a member of the Wood Pattern Department, told us of the birth of a baby boy, born December 20, whom he and Mrs. Joslin have named Francis Arthur, after the baby's father and grandfather. We extend our congratulations.

Retires from Fire Department after Twenty Years

Ernest Barnes, foreman of the Comber Erecting Department, was given a rabbit pie supper on February 3, 1925, on the occasion of his retirement from the Whitin Machine Works Fire Department. He was a member for twenty years and was assigned to Company No. 1, which has charge of the Seagraves Pumping Engine. He was presented with a floor lamp and a box of cigars.

After the supper an informal game of cards and volley ball were played by the guests.

No silverware was missing from the supper table, but during the course of the card games several onions were found in the pockets of Leon Barnes, and there was much interest shown in a strange cigarette holder produced from the pocket of Harry Crowthers.

Those present were Ernest Barnes, W. F. Hewes, W. O. Aldrich, Sr., Leon Barnes, William Fullerton, John Scott, W. O. Aldrich, Jr., James Clark, Harley E. Keeler, Charles Mowry, Harry Drinkwater, Harry Crowthers, Frank Perry, Merwin Brown, Winford Jones, Robert K. Marshall, Leland Hemenway, George Poulin, Fred Osgood, Paul Blaine and Frank Fowler.

Yelle Hooyenga, janitor of the Drafting Room, wishes to thank the draftsmen for their Christmas presents, which included 150 cigars, two pounds of smoking tobacco and a warm house jacket. Yelle tells us this combination makes a fine present to look forward to evenings after a hard day's work.

His appreciation also inspired him to tell us one of his famous stories which goes as follows.

"Why does the girl always marry the best man?" The answer being, "Because she invites him to the wedding." We often wonder where Yelle gets all these hilarious jokes.

The Metal Pattern Department has increased its family circle. Two of its members announce the birth of babies in their homes.



The Worth Cotton Mill
Hearing News from Home Stations
Desert Sands

Thomas Bass and Herbert Ashworth second and fourth from left

A Texas Long Horn

Real Rabbit Country

A California R. R. Station Palm Tree

Ralph Orff is the proud father of a baby girl, born December 28. Eleanor has been chosen for her name.

George Kuindersma's baby boy was born on February 11, and has been named Henry.

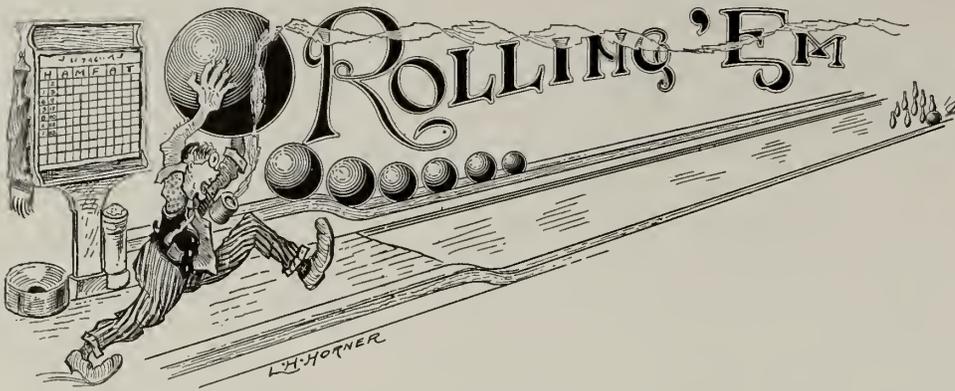
Anybody interested in the preserving or the growth of luxurious silken hair should talk over their plans with Allen Outhet of the Metal Pattern Department. Mr. Outhet has discovered a scientifically prepared hair tonic which he believes is a wonderful concoction. George Tebeau has already used a generous sample and recommends it highly. In fact, with the aid of the Production Department and several adding machines, they have estimated that Tebeau's hair production has gone up 20%. Mr. Outhet believes in returning worthwhile favors to his friends and has felt that a sample of this glorious hair tonic is one way of expressing his modest appreciation of all their kind deeds of the past. Have you got yours?

In the Southwest with the Whitin Erectors

Three of the Whitin Machine Works roadmen have been at the Worth Mill, Forth Worth, Texas, erecting machinery last fall and this winter. They are Frank J. Adams, Thomas Bass and Herbert Ashworth. Mr. Adams sent us several photographs of the southern country and tells us he is getting some experience rabbit hunting. He included in this collection of snapshots several pictures showing the dogs chasing the fleet Texas rabbits, but evidently they travel so fast that the snapshots are not quite clear enough to reproduce in print.

We are always glad to receive photographs from the roadmen and wish that more of them would let us know about the interesting things that happen on or off the job.

Science placed horse-power under the motor hood but only God can place horse sense under the driver's hat.



Shop Bowling League

In the week ending February 14, the Yard leads in the Shop Bowling League, being six points ahead of its nearest competitor, the Down Homers. With eight more matches to be rolled off, at the time this article was being written, there is a possibility of a close finish. The Down Homers are trying their best this year to come through on top, as they have been on the bottom during the last two seasons. This is the first time the Yard has been represented in the Shop League, although some bowlers on that team have rolled under other departments.

The Shop League is using candle pins while the Office League is using duck pins. An interesting argument is still unsettled concerning which pins pile up the greater scores. There are those who believe in both kinds for big totals. However, in looking over the SPINDLE for the past few seasons, as a rule the individual averages of the shop on duck pins have been higher than those in the office. This year the Office League seems to have higher averages among its leading men, and in the case of Broadhurst, who is rolling 96.6 on duck pins and 94.4 on candle pins, it would seem to point to the fact that duck pins are a little easier to knock over. The point is brought up by the exponents of the candle pins that the two leagues are bowling under different conditions. In the Office League a man rolls his entire string at one time, while in the Shop League the bowlers roll two boxes and then wait until the rest of their team have rolled two boxes before continuing. This has a tendency, it is believed, to throw a man off his stride, and also to stiffen his

muscles somewhat. Others contend that the rest between boxes tends to help the bowler and makes him concentrate more on each individual box. The question is still a good one to debate.

Spratt of the Bolster team is leading the league by 1.3 points over Broadhurst of the Garage team. The two Hall brothers, William and Joseph, are but one-tenth of a point apart, and both of them are rolling with the Down Homers. It is a coincidence that they are tied for the high three strings with 319, and also have the same high single strings with 119 each.

Interest is running high among the bowlers and there are but a few postponed matches to make up. Considerable credit should be given to the captains of the six teams for the good way in which they are handling the rolling of the matches. The captains of the various teams are: Yard, Anthony Campo; Down Homers, William Hall; Bolsters, George Lafleur; Pickers, John McQuilken; Foundry, Thomas Dorsey; Garage, Robert Rothwell.

SHOP BOWLING LEAGUE, WEEK ENDING FEBRUARY 14

	W	L	C	PINFALL
Yard	43	21	.671	21,831
Down Homers	37	23	.617	19,367
Bolsters	32	28	.533	19,335
Pickers	24	32	.428	18,411
Foundry	21	35	.375	18,357
Garage	23	41	.359	18,415

INDIVIDUAL AVERAGES

Spratt	95.7	Donovan	89.6
Broadhurst	94.4	McGuinness	88.9
Hall, W.	93.6	Lafleur	88.8
Hall, J.	93.5	Brown	88.4
Wentworth	93.3	Wood	88.3
Gahan	92.7	McQuilken	87.7
Davidson	92.6	Veau	86.2
Campo	92.3	Stanovich	86.0

Peltier	91.6	Dorsey	85.0
Connors	90.9	Shugrue	84.8
Nash	90.8	Vautour	84.7
Malgren	90.7	Godbout	84.4
Boyd	90.5	Green	84.1
Walsh	90.4	Rothwell	82.1
Young	90.0	Spence	82.1

HIGH SINGLE STRINGS

Peltier	123	Bailey	118
Gahan	120	Spratt	118
Davidson	119	Lafleur	117
Hall, J.	119	Young	117
Hall, W.	119	Boyd	116
Donovan	118	Campo	112

HIGH THREE STRINGS

Spratt	337	Gahan	311
Davidson	332	Stanovich	308
Campo	321	Broadhurst	307
Peltier	319	Wood	303
Hall, J.	319	Malgren	302
Hall, W.	319	Connors	301
Young	312		

Office Bowling League

For the first time in several seasons in the Office Bowling League, the teams are not closely matched as we get into the final half of the schedule. In the last two seasons the final match has decided the winning team, and it may do so this year between teams No. I and No. II, captained by William Montgomery and George Broadhurst, respectively. However, teams No. III and No. IV seem to have hit a stride which may lead to keen competition for the cellar championship, but their chances of overcoming the first two teams is hardly to be hoped for.

The exceptionally good bowling of William Montgomery, captain of the league leaders, and the recent improvement in the matches rolled by Ralph Lincoln, have been the main factors in securing an eight point lead for that team.

In eight of the last ten matches Montgomery has rolled 500 or better, the two exceptions being when he rolled totals of 489 and 499. His totals for the last ten matches are as follows: 530, 562, 535, 499, 513, 532, 489, 519, 529, and 523.

Broadhurst, captain of team No. II, has bowled very consistently during the season and has rolled in every match. Only two times has he been under 450, and has rolled

better than 500 on three different occasions, with totals of 506, 534 and 521.

Twice this season team No. I has rolled the high team total; with 2,387 on each occasion.

This month Montgomery also rolled the high single string, 139, previously held by Arba Noyes who had 132.

OFFICE BOWLING LEAGUE, WEEK ENDING FEBRUARY 14

	W	L	%	PINFALL
Team No. I	69	43	.616	36,603
Team No. II	61	51	.545	36,203
Team No. IV	49	63	.438	35,869
Team No. III	45	67	.402	35,877

INDIVIDUAL AVERAGES

Montgomery	102.1	Connors	89.6
Broadhurst	96.6	McGoey	89.2
Cain	95.1	Adams	89.1
Lincoln	93.9	Ferry	88.7
Foley	92.9	Driscoll	88.5
Lamb	91.5	Benner	88.4
Parcher	90.3	Noyes	88.4
Minshull	90.2	Carpenter	87.9
Park	90.1	Scott	86.8
Crawford	89.7	Dalton	86.5
Noble	89.7	Duggan	85.8

HIGH FIVE STRINGS

Montgomery	562	Cain	521
Broadhurst	534	Lincoln	510
McGoey	523	Park	497

HIGH SINGLE STRINGS

Montgomery	139	Dalton	122
Noyes	132	McGoey	120
Park	130	Minshull	120
Cain	127	Broadhurst	119
Lincoln	127	Benner	119
Connors	126	Crawford	116
Lamb	123	Benner	114



Volley Ball League in Action at Gymnasium

On Monday and Thursday nights at 5.30 the Volley Ball League meets at the gymnasium. This league was formed on Monday, January 26, and is composed of six teams, known as the Drafting Room, Main Office, Pirates, Metal Patterns, Pay Roll and Firemen. The captains of the various teams are: Drafting Room, L. H. Horner; Main Office, William Crawford; Pirates, Harrie J. Phipps; Metal Patterns, Charles M. Stuart; Pay Roll, J. Herbert Park; Firemen, Robert Henson.

The Pirates, the week ending February 14, had won all their

games and appeared to be also the best balanced combination in the league. The Metal Patterns, who were the leaders of the league on January 22, had won only two games. Their strength is somewhat depleted in the shifting of players due to an additional team joining the league. The schedule calls for six games on Mondays and Thursdays.

VOLLEY BALL LEAGUE

	W	L	%
Pirates	10	0	1.000
Fireman	6	4	.600
Pay Roll	5	5	.500
Main Office	4	6	.400
Drafting Room	3	7	.300
Metal Pattern	2	8	.200

We hope by the time the SPINDLE is received in the shop, that John Welch, foreman of the Speeder Erecting Department, will be back with us again. Jack has been out sick for the past five weeks, during which time he has been confined to his home on Spring Street.

A hunting party composed of Harry Drinkwater, Robert Ferguson, Winford Jones and M. F. Carpenter saw a flock of at least twenty robins in Sutton, Saturday, February 14.

A few days later George Gill, foreman of the Roll Job, reported seeing three robins near the Sutton Town Farm.

The old-timers tell us that this is a sure sign that spring is coming, as nature is not able to fool the robins.



Keeping Physically Fit. In the Men's Business Class at the Gymnasium



Amos Whipple



Horace Whipple



Amos E. Whipple

Amos Whipple, His Son and Grandson Have a Combined Service Record of 102 Years

Back in the years 1831-1840 when the Whitin Machine Works was founded, there were nine employees working with John C. Whitin. They were Amos Whipple, Arnold Whipple, Benjamin Innes, Harkness Inman, Amos Arnold, William Nicholson, Edward Fuller, John Wilmarth, and Sylvester Keith. Of this group Amos Whipple has today two descendants employed in the Works, Horace P. Whipple and Amos E. Whipple. The total service record of this family amounts to 102 years.

This fact, brought to our attention recently, should be the beginning of a series of interesting articles on the old families connected with the shop. We hope the readers of the SPINDLE will send us in information about their families, or about other families having long service records.

In the Whipple family the grandfather, Amos Whipple, is believed to have been employed on the original Whitin Picker, patented by John C. Whitin; the picker that was the inspiration that led Mr. Whitin to start in the textile machinery business.

Horace Whipple, a veteran of fifty-five years' service, informs us that Sylvester Keith told him that Amos Whipple worked for the shop before Mr. Keith came here in 1837, and it is on this fact that we base the probability that Amos Whipple was employed on the original Picker.

Amos Whipple left the Whitin Machine Works in 1864 and went to Hudson, N. Y., for a couple of years, when he returned to Whitinsville to

turn out and erect shafting for the Linwood Cotton Mills, after which he was employed in the Repair Department of the Whitinsville Cotton Mill.

Horace P. Whipple joined the Whitin Machine Works in March, 1870. He was one of the first apprentices to come under the \$100 bonus system guaranteed to apprentices upon completing the course. After fourteen years' service in the Carpenter Shop he was transferred to the Wood Pattern Department, where he has been during the last thirty-nine years, and has worked on almost every style pattern used in the shop.

His son, Amos E. Whipple, entered the shop in July, 1909. He was a member of the Drafting Room and was later transferred to the Repair Department. In 1923 he returned to the Drafting Room where he worked on master sheet work in connection with specifications.



Arnold Whipple

Arnold Whipple, a brother of Amos Whipple, was also one of the original employees of the Whitin Machine Works, but left here in the early forties for work in Hopedale and Worcester.

Supt. of Carpenter Shop and Father Have Eighty Year Service Record

Nineteen hundred and twenty-five marks the eightieth year of continuous service of the Snow family with the Whitin Machine Works. Charles Snow, father of the superintendent of the Carpenter Shop, started to work for the Whitin Machine Works in May, 1864, and was employed until the time of his death in October, 1910. He came here to work on the Josiah Lasell house, which was the one occupied by G. Marston Whitin at the time it was burned in January, 1919. After its completion Mr. Snow was retained by the shop and worked under George Armsby, the foreman of the Carpenter Shop.

Mr. Snow moved into the tenement at 19 Forest Street just before it was completed, and paid rent at this place for forty-six years and eight months.

For many years he was in charge of the construction work around the private homes of the owners of the concern. Unfortunately there is no picture of Mr. Snow in the possession of the family.

Charles S. Snow, the present superintendent of the Carpenter Shop, started to work for Mr. Gibson on looms in July, 1891. Incidentally, David Marshall, foreman of the Picker Department, was second-hand at that time. In September, Mr. Snow was transferred to the Foundry, where it was planned that he should learn the foundry business. He was employed there for three years, but did not especially care for the type of work and returned to the Carpenter Shop under Mr. Armsby in 1894. He was employed there for four years, when he went to work for his father on the various estates in the village. In May, 1907, he was made a foreman of the Carpenter Shop, and superintendent of the Carpenter Shop in 1922.

State Stocks the Whitin Machine Works Ponds

On Wednesday, February 11, 1,600 perch were placed in Carpenters and Meadow Ponds by Mr. Merrill, in charge of the State Fish Hatchery at Wilkinsonville. With this act the Whitinsville ponds are now under state control, as far as fishing goes, by agreement with the Whitin Machine Works. The ponds are closed by law from December 1 through April 20, after which fishing as specified by the state laws is legal. More yellow perch will be put in later by the state, also hornpout, pickerel and white perch.

Ice-Fishing Closed, Good Catches Reported

On January 3 the ponds were opened by the Whitin Machine Works for what proved to be the last ice fishing we will have on them for a long time. There must have been about one hundred fishermen who took advantage of this opportunity. Several large strings of fish were caught, the best ones being those of Leon Barnes and party, George Gill and party, and Winford Jones and party. These three groups caught an average of fifty fish each.

After the fishing was over it seemed to be the consensus of opinion among the fishermen that although there were a number of large pickerel among the catches, there were on the other hand a larger number than ever of small perch with spawn. The fishermen expressed their almost unanimous opinion that it would be a good thing to discontinue ice fishing for a while, at least. As a result, arrangements were made with the Fish and Game Commissioner of Massachusetts to stock the ponds and to close them during the winter months.

Sure Sign of Spring

One of the high school boys fractured his left arm playing baseball this month. Of course we may have two feet of snow when we first read this, but let's be hopeful.



This view was taken from nearly the same spot, fifty years ago, as the view on our cover. The old Dudley Store Block and Congregational Church are the buildings in Memorial Square.

Add These to Your Dictionary

While in the Drafting Room recently, we noticed pasted to the inside cover of the department's dictionary a clipping which we have reprinted below. It was taken from the magazine of the Cleveland Engineers Society.

These definitions have been submitted by R. W. Emery of Cleveland. They form a valuable addition to any dictionary of engineering terms.

Draftsman—A man who puts his own ideas on paper for the boss to change.

Checker—A man with a blue pencil but without a conscience.

Tracer—A slave who, knowing nothing himself, never understands what the draftsman thinks he knows.

Blue-Print Boy—A skunk with a dirty neck who smokes cigarettes, watches the clock and sometimes makes a print.

Tool Designer—A collection of erroneous ideas surrounded by a boss.

Drafting Room—A place where the time between arguments is spent in making drawings to be changed.

Data Book—A collection of information that nobody needs.

Tracing—A piece of linen used for taking high spots off erasers.

Engineer—A mechanical genius who spends his time thinking up ideas which he refuses to recognize when he meets them on a drawing.

He keeps the department clean and orderly.

He is careful of the safety of those under him. He sees that safety appliances are on all machines when necessary, and properly adjusted.

He is not above taking a suggestion from those under him.

He always shows his appreciation of good work. When it is necessary to criticize, he does it in a kindly way.

We can count on him for a square deal. If trouble arises, he hears both sides before making a decision.

He always has a pleasant "Good morning," or "Have you plenty of stock?" or perhaps "You don't need to rush that order; we're ahead of the schedule."

He shows his interest in those under him by inquiring about absentees, and expressing sympathy with the sick and bereaved.

He never shows partiality when a vacancy is to be filled. In making promotions and transfers he considers the ability of the person to be promoted, not his personal likes and dislikes.

He knows who is on the job each morning and who is absent, and knows who can fill a vacancy so that things will run smoothly.

He is clean-minded and respects women.

What sort of foreman is most admired? The answers of hundreds of workmen proved to be, in substance, as follows:

Community Basketballers Meet Fast Opponents

The Whitin Community Basketball Team has been playing to good audiences this winter at the gymnasium on Saturday nights, and although they have not won as many games as last season they are playing what is considered to be better teams. Many of the scores have been very close, and whenever the team has been on the losing end it has always been by a close score. The last game, against the Worcester Boys' Club, ended in a victory for the Boys' Club of 37 to 33. The Whitin team did not seem to get going until the second half, during which they outscored their opponents 22 to 11, but did not have sufficient time to overcome the lead. The squad this year is as follows: Edward Ballard, captain; Harold Johnston, Michael Jackman, Newell Wallace, Byron Taft, George McRoberts, Edward Connors, Harold Vaughn, John Bogie, Wilfred Turgeon, Francis Smith, William Smith, and Francis Gow. Everett Johnston is manager this year, and Hugh Currie, assistant manager.

Girls' Basketball Team

The Whitin Community Girls' Basketball Team has been very successful this year, having lost but two games. This is their second season and they have shown remarkable improvement over last year, which was considered a successful season, as even then they won the majority of their games. On Satur-



A View from the Christmas Pageant at the Gymnasium

day, February 14, they defeated the basketball team from the Merchants National Bank, Worcester, by a score of 21 to 12. The squad is as follows: Lucia Bates, captain; Marion Wood, Doris Aldrich, Margaret McKaig, Cecilia Kane, Belle Smith, Vera Carr, Edith Casey, Margaret Marshall, Margaret Brennan, Grace St. Andre, and Mary Britton, manager. The scorer is Helen Ballou and Eva Letourneau is timer.

Robert Hussey's Scrap Book Contributes a Choice Bit of Baseball Literature

(From J. Percy Smith-Brown, Esquire, Hotel Pazazza, Boston, to H. Etherington Bellingham-Cholomondly (pronounced Chumly). The Towers, Chorlton-cum-Hardy, Cirencester, near Stoke-Pennington the Lesser, Hants, England.)

DEAR OLD TOP:

Of all the extraordinary things in this extraordinary country the most deucedly extraordinary of all is the dashed game they call baseball.

It's a sort of glorified rounders watched by a lot of glorified bounders.

I went to see a match between "Red Sox" and "Senators." The match was a deadly dull affair—not a bit like cricket. The blighters score about one run an hour—fact,

'pon my honour. I've seen jolly old Ranji run up 670 runs in that time, by Jove, which shows that cricket is about seven hundred times as fast as baseball.

The bowler shies the ball to the wicket-keeper, who, by the bye, has no wicket to keep, and wears a wire muzzle—I suppose to prevent the beggar from eating peanuts during working hours.

But before I go on about the silly old match, let me tell you an extraordinary thing that happened. A person in the bleachings—as they call the seats—an utter stranger to me, I give you my word, banged my hat over my eyes when one of the rounder players had struck the ball, and yelled in my ear. "How's that for a three-bagger, kid?"

Kid! Three-bagger!

"Kindly refrain from touching me, my good man," I responded, "I am not in the least interested in your baggage."

The bouncer scrutinized me closely, and said in coarse tones, "Gee, what's the matter? You look human."

I drew myself up to my full height and crushingly answered, "I look what I am, sir, an English country gentleman."

"Oh-h, English," said he, "that explains it all."

"The sun never sets on England's possessions," I proudly reminded the blighter.

"Why should it?" he replied, "it ain't a hen and they wouldn't hatch anyhow."

Extraordinary, what? The person must have been loony. 'Pon my word, I believe most American subjects have a slate loose.

They have a jolly amusing Foreign Minister over here. A Mr. Bryan. He isn't a bit like ripping old Sir Edward Grey. It appears some Mexican rotters arrested a couple of officers from an American battleship and the jolly old American Admiral ordered them to fire a salute to the American colours. Reminds me of my old friend, Admiral Binnacle. "Smish-Brown," he'd say to me (I usually met him after dinner), "Smish-Brown, m'boy, never say anything to the beggars more than once. Shay it once; then, damme, show 'em your broadside. Only systhem, m'boy."

The Foreign Minister blooming well stops the jolly old admiral, and tells him to write the bally Mexicans another letter. By the way, the old top is awful keen on writing letters. He writes 'em to Mexican Federals, Constitutionalists, Zapatists, and assorted bandits. As none of 'em ever bothers to reply, it seems a harmless enough amusement.

It is dashed unclubby, dear old man, to refer to money matters between gentlemen. Your last letter was positively insulting, old chap, and I had a good mind not to ask you again to put up two pounds with the bookie for me, but it just occurred to me that the bally horse's price might shorten, so get the two quid on for me as soon as possible, there's a good fellow.

Your old pal, PERCY.
Per Wex Jones-Jones.



Manger Scene in Christmas Pageant at the S. Marston Whitin Gymnasium

Get Your Garden Early

Joseph Cahill, Secretary of the Whitin Home Garden Club, announces the Annual Meeting, and the prospects for the coming year as follows:

"Spring is just around the corner and planting time will soon be here. Be prepared to start early by reserving your garden plot. Gardens will be given out the same as last season, and will be ploughed, harrowed and fertilized at no expense to the gardener. All that is needed to secure one is to pay dues of \$1 and become a member of the Whitin Home Garden Club.

"Last season was the best in our history, everyone having great success with his crops. As a result there were fresh vegetables all summer and enough to last through the winter. Join the club now; get your garden; put in your seed, and let Nature do the rest.

"Work? Yes, there is a little work to it, but you don't get much without a little work. Pay your dues to Fred Burroughs, Treasurer, and don't forget to attend the Annual Meeting of the club, Wednesday evening, March 4, in the schoolroom at the Employment Department. At this meeting the election of officers

will be in order, also reports of the various officers will be read.

"JOSEPH T. CAHILL, Secretary."

The officers of the club are: Harley E. Keeler, President; Fred Burroughs, Treasurer; Joseph T. Cahill, Secretary; Executive Committee: Klaus Dufries and Gilbert Harwood; Purchasing Agent: Daniel C. Duggan.

Report of Last Year's Produce from Home Gardens

Harley E. Keeler, President of the Whitin Home Garden Club, following his policy of the past five years, has presented to the SPINDLE the 1924 report on the production of the home gardens. Last year was not necessarily the largest year from the standpoint of production that the club has had, but all of us know that the garden club deserves a great deal of credit for its work and cannot help but feel that last year's garden show at the Community Building was not only a great success from the standpoint of the exhibition, but was an evening of a general social good time.

The officers of the Whitin Home Garden Club are optimistic of the prospects for the coming year, and

expect there will be as many gardens allotted to the employees of the Whitin Machine Works as in the past season, when there were 125.

The names of the gardeners and their districts were as follows:

- TAYLOR HILL
 - Lot No. 1
 - Rein Nyholt Fred Burroughs
 - James McQuilken George Dyer
 - Joseph Cahill John Marshall
 - H. A. Graves Brenton Benner
 - Benjamin Graves Kenneth Benner
 - David Marshall Winford Jones
 - Robert Marshall
 - Lot No. 2
 - A. Kirkorian James Gellatly
 - Claude Gilson Gordon Boutilir
 - Robert Brown Theodore Larson
 - Fred Hathaway Joseph McKenna
 - Henry Crawford
 - Lot No. 3
 - John Oviau Fred Woodcombe
 - W. McGuire George R. Allen
 - Peter De Boer A. Hamilton
 - A. M. Meader Charles Snow
 - Ray Meader
 - Lot No. 4
 - Wm. Sproat William Crawford
 - William Harkema A. Tarawicz
 - A. Buma A. Tolka
 - A. Vander Brug David Burke
 - C. A. Wentworth Alton Burke
 - Thomas Rogers
 - Lot No. 5
 - S. Youngsma H. E. Keeler
 - Joseph McKinnon Edward Brown
 - R. Sanderson John Hayes
 - Harry Moore James Hayes
 - Donald Simmons John Martin
- NEW FAIRLAWN
 - Edward Barrett W. W. Clark
 - Earl Hammond Adelard Godbout
 - Fred Brown Andrew Buwalda
 - George Cochrane Solomon Peltier
 - Peter Ledeau O. M. Jacobs
 - S. Opperwall Robert Gusney
 - S. Zuidema Arthur Van Dyke
 - T. Van Dyke Henry Martin
 - Alben Griffin A. Parker
 - Robert Smyth S. C. Frieswyck
 - Klaus Jellesma Thomas Frieswyck
 - George Seagrave
- OLD FAIRLAWN
 - Henry Graves Joseph Fenner
 - Gilbert Harwood Arthur Clark
 - Albert Kelly Lawrence Donovan
 - Jerry Connors George Armston
- LINDEN STREET
 - Carl Rankin Arthur Deeks
- RESERVOIR
 - A. C. Ball
- NEAR J. M. LASELL'S GARDEN
 - James Currie Leon Barnes
- PROSPECT HILL
 - W. A. Courtney B. Devries
 - George De Boer
- CRESCENT STREET
 - Jerry Haggerty George Rogers
 - John Kershaw Peter Roberts
 - John Shaw Naz. Laferriere
 - William Walsh Winford Jones
 - John Fitzgerald Neil Currie
 - Timothy Kennedy
- BRICK SCHOOL
 - Lot No. 1
 - David Blakely John Baker
 - W. M. Smith John Dufries
 - John Smith John Gellatly
 - David Cochrane Chris Kane
 - Patrick McDonough A. Baillergone
 - Fred Harder R. Schotanus

1924 Production Report of Home Garden Club

Name	Taylor Hill	Crescent Street	Brick School House	Old Fairlawn	New Fairlawn	Total Crop
Potatoes—Bu.	625	140	631	122	274	1,792
Corn—Doz.	454	157	205	135	245	1,196
String beans—Bu.	23	40	40	22		125
Tomatoes—Bu.	45	73	31	15	50	214
Cabbage—Lbs.	790	691	2235	652	500	4,868
Turnips—Bu.	9		4	3	9	25
Carrots—Bu.	18	17	17	12	14	78
Beets—Bu.	21	16	25	9	12	83
Shell beans—Bu.	10		16		30	56
Pumpkin—Lbs.	242	220		40	25	527
Squash—Lbs.	420	400	112	450	150	1,532
Onions—Bu.	2		4			6
Green peas—Bu.	4	3½	13	4		24½
Parsnips—Bu.	5			½		5½
Cucumbers—Bu.	10		42	2	10	64
Dry beans—Qts.	270		236	96	60	662
Cauliflower—Lbs.	10		292	35		337
Peppers—Bu.	½		½			1
Swiss chard—Bu.	14		1½			15½
Total No. Gardens	42	10	42	8	23	125
Total Money Value	\$1,171.00	\$509.00	\$1,241.00	\$344.00	\$595.00	
Average per Garden	\$27.50	\$50.00	\$29.50	\$43.00	\$26.00	

Grand Total in Money—\$3,860.
Grand Average per Garden—\$30.80.

Continued on page 14, column 3



Robert Britton

Loss by Death of Veteran Foreman

Robert Britton, former foreman of the Automatic Screw Job, died at his home, Wednesday, February 4. Mr. Britton had been in ill health for several years. He fought a brave battle against strong odds and took his difficulties cheerfully, much to the admiration and respect of his friends.

He was a very popular leader among the employees of the Whitin Machine Works and was one of the leading members of the Knights of Pythias, where he was for many years Keeper of Records and Seals.

He entered the shop in September, 1880, and operated the first automatic screw machine to be set up in the shop. In 1895 a separate department known as the Automatic Screw Department was established and Mr. Britton was placed in charge. In 1923 he was required to give up his active work on account of ill health.

Our sympathy is extended to his family.

New Year's Day was one of celebration in the family of Mr. and Mrs. Thomas Joyce. They were presented with a baby boy which they have named Paul Rossiter Joyce. Mr. Joyce is a member of the Stock Room office and Mrs. Joyce was formerly employed in the Production Department.

The Whitinsville Rifle Club held its annual meeting at the gymnasium on Friday, January 30. The following officers were elected for the coming year: Joseph Morrell, President; John Baker, Vice-president; Harry E. Lees, Treasurer; M. F. Carpenter, Secretary. An Executive Committee composed of the following members was appointed: Bertram Sweet, Robert Hussey, Joseph Damour, Leon Honner, Frank Willis and Albert Hassan.

After the meeting the members of the club adjourned to the indoor rifle range where George T. Newbegin, foreman of the Blacksmith Shop, gave an exhibition of pistol shooting. Mr. Newbegin has medals in his possession to show that he is one of the crack pistol shots of the country, and a great deal of interest in this sport is expected to develop under his direction.

The Safety Litany

From the pinhead who takes chances to show his nerve;

From the unmitigated boob who doesn't believe in guards and removes them when the foreman's back is turned;

From the pest who plays practical jokes on his fellow workers;

From the conceited ass who knows too much to take advice;

From the poor nut who leaves tools, nails and boards all over the place for others to step on or trip over;

From the non-essential citizen who boasts of his law-breaking exploits;

From the guy who throws lighted matches and live butts around without thought of the consequences;

From the road hog and the drunken driver;

From these and all the other accident makers you can think of—

Good Lord Deliver Us!

Modern Emphasis

"Even if he does want to come back," she told a Post reporter, "he can't. When he gave me the air I thought that nothing was worth living for any more. But now I know that he is full of old shoes and my time would be better wasted doing Chinese crossword puzzles than going around with him."

"He can follow me around all day with a box of expensive candy in one hand and a handful of solitaires in the other and I won't even give him a tumble. He can drive up to my door in a gold-plated Rolls Royce with the Prince of Wales as his chauffeur and I won't even part the curtains. In other words I'm through and I don't mean maybe."



Bartholomew Callahan

A Moulder of the Forty Year Veterans Group Dies

We were sorry to hear of the death of Bartholomew Callahan at his home on Maple Street, on Thursday, February 12. Mr. Callahan had been in good health and was employed in the Core Room until the first of the month when he had a shock.

He started to work in the Foundry of the Whitin Machine Works in May, 1879, and except for the last several years, when he was a member of the Core Room, he was employed as a moulder in the Foundry. The funeral was held from St. Patrick's Church, Saturday, February 14.

Report of Last Year's Produce from Home Gardens

Continued from page 13, column 3

Lot No. 2

F. Peck	Simon Plantuke
Charles Willard	Ernest Parker
Klaus Dufries	J. Kooistra

Lot No. 3

S. F. Fessenden	Norman Reed
J. Harringa	Jake Travailley
M. Hoogendyke	Edward Mortell
Samuel McKee	Homer Flinton
Fieke Valk	George Benoit
Joseph Benoit	S. J. Boulay
F. N. Guertin	

Lot No. 4

J. Rogers	K. Kramer
B. Rogers	Thomas O'Connell
Fred Clark	Joseph Lafarriere
Thomas Taylor	John Van Dyke
A. Nolet	Farrand Van Dyke
W. Bigelow	



Not a Vaudeville Team although well recommended in that capacity

Sometimes the camera plays strange pranks with its victims who come within focus of its lens. In the above case two perfectly dignified gentlemen, Messrs. Hague and Clary, are made to appear in false light. One might think they were objects of investigation by hardened sleuths sworn to enforce the law as laid down by the eighteenth amendment of the constitution.

If the background was not one of the rolling hills found in the rocky state of Massachusetts, but was replaced with the waves of the briny deep, we might think that a severe case of sea sickness was just being thrown off. This snapshot was taken about the time the newspapers were reporting the first earthquake that Massachusetts had experienced in a long time. We might blame it to this phenomena, or could it be possible that the peculiar rays of the sun's eclipse might have been responsible for the above distortion?

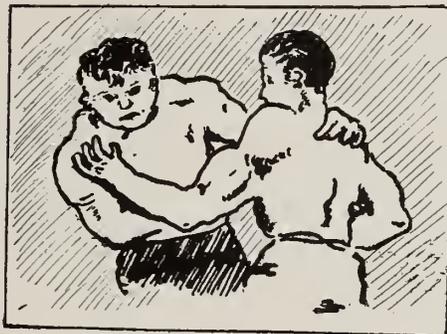
In spite of these horrible possibilities, Mr. Hague and Mr. Clary seem to be enjoying the situation.

When the Train Was Due

Passenger to negro porter, while on train for New York: "What time do we get to New York, George?"

Porter: "We is due to get there at 1:15, unless you has set your watch by Eastern time, which would make it 2:15. Then, of co'se, if you is goin' by daylight savings time, it would be 3:15, unless we is an hour and 50 minutes late—which we is."—*Life*.

John Lasell, a member of the Main Office, as he stepped out of Mr. Keeler's office recently, was handed a shop envelope by a member of the Billing Department. On opening the envelope he found a bill from the Whitin Machine Works for \$100 damages for equipment destroyed in the office from which he had just come. A minute before he received the bill Mr. Lasell had put his elbow through the plate glass on the bookcase near the desk. Mr. Lasell, while not explaining the accident to the bookcase, extends his praise to the Billing Department for its speed and efficiency.



A Wild Dream from the Picker Department

"Zabisco" of the Picker Job, an outstanding wrestler, will soon try to capture the laurels from Mum.

Every Wednesday and Friday night at Mechanics Hall, Boston, he has been bringing down all comers with his new "grapevine headlock."

He was telling the boys that last Friday night at Mechanics Hall, he had a hard match, but finally his opponet fell to the mighty "grapevine headlock."

His one and only defeat came at Norwood, Monday, Feb. 16, 1925, when his opponent floored him before he had a chance to work out his new headlock.

The boys on the job are now looking forward to see him bring home the crown.

"What's your idea of a damphool?"
 "A fellow who is afraid to take third light off a match but thinks nothing of racing a train to the crossing in his automobile."



The above is a picture of the bridge over the Blackstone River, leading to the Quaker Cemetery Corner, which replaced the old wooden structure. Next summer we will be autoing over this bridge when the construction begins on the Rockdale Bridge on the main Worcester and Providence highway. The photograph was taken by John Deane of Fiske Furniture Co.

The Changing World

In 1769, Joseph Cugnot operated the first steam-propelled vehicle through the streets of Paris. If everything went well it would run for fifteen minutes without stopping to generate more steam. One day while turning the corner at the dizzy speed of three miles an hour, the queer contrivance overturned and the authorities impounded it as a menace to public safety. Now everyone yawns at 20 per.

**The man who
rushes in
headlong—**

**usually comes
out
feet-first!**



Shanghai, China

One of the officials of the Whitin Machine Works received a Christmas card from Philip J. Reilley, a part of which he has very kindly loaned to us to reproduce in the SPINDLE. It is a photograph of the metropolitan center in Shanghai, China. The popular impression of the Chinese cities, we believe, varies from what this photograph reveals. One of the branch offices of the Whitin Machine Works is located in Shanghai and is under the direction of Mr. Reilley.



The above photograph is the six months old baby of Kizer Mardigian of the Spinning Erecting Department. The baby's name is Ira Naroian Mardigian and he looks as if he would be able to use his hands and feet in later life.

In Which Column Do You Belong Today?

Here is the actual record of one hundred men—a fair average that brings home some real truths that are worth thinking over now. Compiled by the American Bankers' Association. (Reprinted from *E. J. Workers Review*).

AT AGE 25

One hundred men, all strong and vigorous, able to work, and save money.

AT AGE 35

5 have died.
10 are wealthy.
10 are in good circumstances.
40 have moderate means.
35 have saved nothing.

AT AGE 45

16 have died.
3 are wealthy.
65 are self-supporting but without resources.
16 are no longer self-supporting.

AT AGE 55

20 have died.
1 very wealthy.
3 are in good circumstances.
46 are self-supporting, but without means.
30 are dependents on children, relatives or charity for support.

AT AGE 65

36 have died.
1 very wealthy.
3 are wealthy.
6 self-supporting by labor.
54 are dependent on children, relatives or charity for support.

AT AGE 75

63 are dead.
(60 of these left no estate.)
3 are wealthy.
34 are dependent on children, relatives or charity for support.
(95 per cent of these will not have sufficient means to defray funeral expenses.)

*Is there any way to change these figures?
Yes!!! Save regularly.*

"Why all the noise about dangerous motor cars?" asks one editor. "Overfeeding kills more people than overspeeding."

Something to Think About

Ever meet a fellow who was too "highbrow" to read safety bulletins?

Perhaps there is one in your department. He thinks that bulletins, rule books and safety talks are for the uneducated. He is quite able to do his own thinking.

If he does think, he doesn't show it when at work. He wears loose clothing around moving machinery. He leaves boards with nails sticking up for others to step on. He uses tools with mushroomed heads and only wears goggles for chipping or grinding when the foreman is watching him. If the foreman gave him all the watching he needed, he wouldn't have any time left for productive supervision.

And this bird kids himself that he



Something To Think About

is "intellectual." His thinking is an imperfect combustion of theories which causes back-firing in his brain cylinders.

Many a fellow who thought he was able to do his own thinking in safety matters has found himself in the hospital with only his thoughts for company. And thoughts in such surroundings are darn poor companions.

Think for yourself, by all means, but don't despise the thoughts and ideas of others as expressed in the safety bulletins. Make use of them and add to them or improve them, if you can. A little thought while working will save you many unpleasant thoughts later. The safety bulletin is your friend; it makes you think.



The
WHITIN
Spindle



A View of Meadow Pond Looking West from Border Street

MAR. - APR.
1925
Vol. 6 No. 2



SOUTHERN OFFICE OF THE WHITIN MACHINE WORKS

1. Office Building. 2. Conference Room: William D. Lyerly, Robert I. Dalton, William H. Porcher, I. Dean Wingo, Gilbert W. Pearse.
 3. Mr. Dalton in his office. 4. Mr. Porcher at his desk. 5 and 6. General views of the office.

The WHITIN Spindle

VOLUME 6

WHITINSVILLE, MASS., MARCH-APRIL, 1925

NUMBER 2

The Southern Office of the Whitin Machine Works at Charlotte, N. C.

The writer of this article unfortunately has never had the pleasure of a visit to the Southern Office of the Whitin Machine Works in Charlotte, N. C. However, judging from the many good reports which have been brought back to the Main Office here in Whitinsville, an opportunity to meet our Southern Office force at their home office is one to be looked forward to. Judging from the photographs which we have received of the office, they certainly are housed in very comfortable quarters, and considering the recent rapid development of the Southern Textile Mills, their work must indeed be very interesting.

William D. Lyerly, Road Superintendent of the South, is perhaps the one member of the Southern Office with whom we have had the opportunity to become better acquainted, and he has given us a bit of information of the development of the Southern Office which reads as follows.

"I find that the Whitin Machine Works Office at Charlotte, N. C.,

was established in 1894 or possibly 1895, and was located on the corner of College and Fourth Streets. The Works were represented by D. A. Tompkins Company, who, as nearly as I can learn, were only in charge of the office one year. After that time it was moved to the Johnston Building on the corner of Tryon and Fourth Streets, with Stuart W. Cramer in charge. This would be about 1896, and several years later it was moved to the Trust Building on South Tryon Street. In January, 1907, Mr. Cramer moved the office again, to the present building which was then known as the Cramer Building, and is located in the Court House Square. Mr. Cramer, in December, 1919, resigned and sold the building to the Whitin Machine Works, and the Southern Agency was given to the present men in charge, Robert I. Dalton and William H. Porcher."

The territory covered by the Southern Office is not bounded by any definite line which might separate the Northern and Southern Sales forces. Most of their sales, however, do occur in the territory from Virginia South through Florida, and West through Texas. Neither Mr. Porcher nor Mr. Dalton have definite territory assigned to them to cover, but as a rule Mr. Dalton will be found in the territory including Virginia, North Carolina and Tennessee, and Mr. Porcher South and West of these States.

We have not as yet considered the Atlanta Office, which was opened in January, 1924, at Numbers 1214 and 1215 Healey Building. I. Dean Wingo has been placed in charge of this branch of the Southern Office, and is taking over a large amount of the work in that vicinity.

Mr. Lyerly, whom we have already mentioned as Road Superintendent,



Laura Kirkman

has supervision of the erecting of the machinery in the mills of the South. He also acts in an advisory capacity as a service man, and salesman to the mills.

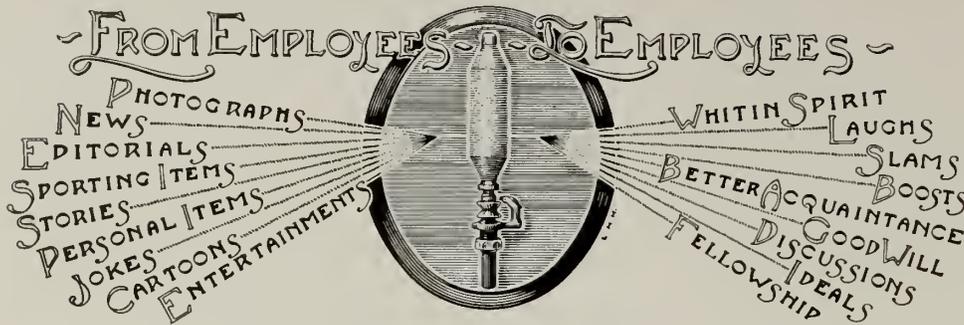
Gilbert W. Pearse is in charge of the Office as Secretary, and under him are Mrs. Josephine Levie, Mrs. Bessie Lee Meyers and Miss Laura Kirkman. Miss Kirkman joined the office force since the group photograph was taken, and has taken over the work formerly done by Mrs. Beulah F. Hummel. This is the reason why Miss Kirkman's photograph has been published separately.



I. Dean Wingo, Representative at Atlanta, Ga. office



E. Kent Swift, Treasurer and General Manager of the Whitin Machine Works, in the Doorway of the Southern Office Building



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Martin F. Carpenter
Henry S. Crawford

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

A Comparison of the Number of Drills Used Before and After Piece Rates Were Established

A very interesting comparison of the number of drills used in the various processes in one of the machine departments was made by its foreman. This investigation covers a period of five years previous to the establishment of piece-work on the job, as compared to a period of five years of piece work. The article reads as follows:

"Having often heard the expression throughout the works that job work was hard on tools, we began to wonder if that statement was really true. As far as our department is concerned, drilling takes more man hours than any other kind of work, and, we have, therefore, used that as a comparison.

"Having had charge of the department for over nine years on day work and over five years under piece rates, I thought it would be interesting to compile the drill costs during a given period. For the five years previous to 1920, or five years of day work, during which 2325 speeders were built, we ordered and received 1,588 ordinary size high speed twist drills, and for the five years from 1920 on, or five years of piece work, during which time 2,898 speeders

were built, we ordered and received only 834 drills, or a difference of nearly 50%. For chucking the spindle bearing on bolsters we use a high speed special length drill, which cost the company around \$20 each. During the five years of day work we bought 87, and during the five years of piece rates 35, or over 60% less, and built more speeders at the same time.

We believe the difference in the number of drills used is due to the fact that under piece work rates the extra bonus paid each month makes the jobs more desirable, which gives us a better class of help to do them, and puts us in a position to insist on good workmanship and proper care and respect for our equipment.

Do Not Let Your Children Use the Streets as a Playground

We received a very good suggestion from the Superintendent of the shop and Chairman of the Safety Committee, W. O. Aldrich, bringing attention to the danger the children of the village are in who insist on using the "kiddie scooters" on the main highways.

It is a distinct compliment to the streets of Whitinsville that the children prefer the highway to the sidewalks for their "scooters." On the other hand, it is much to the detriment of the nerves of the employees of the shop and the many automobile drivers on their way to and from work, to be on constant guard against these fast speeding pleasure vehicles. A child on a "kiddie scooter" has no definite destination to reach and is apt at any time to swing directly in front of an automobile or stop

short making it impossible to estimate what is to occur the next moment.

This condition is especially objectionable around the garage and fire station of the Whitin Machine Works, and we agree with Mr. Aldrich that the parents of these "scooter" riders should be cautioned against this hazardous fun, especially at the dusk hour of the evening, the noon hour, and between five and five-thirty. Playing in the streets is a bad practice at any time and should be discouraged.



Martin F. Carpenter

Spindle Editor Resigns

M. F. Carpenter, a member of the Employment Department for the past six years, severs his connections with the Whitin Machine Works on May 1. He will be employed by the Dennison Manufacturing Company after that time, in South Framingham.

Mr. Carpenter feels that Whitinsville has been very much his home and leaves his many friends behind with great reluctance. As Editor of the SPINDLE he wishes to express his appreciation for the fine cooperation given him by the members of the works. The contributions which have been so cheerfully given have made it possible to keep the paper running since its beginning in August, 1919. He expressed his sincere hope that the same spirit will be transferred to those who are to take over the responsibility of seeing that the paper is carried on.



George E. Wood

Our Long Service Series

Congratulations are being extended to George E. Wood, an active bench moulder of the foundry, on the completion of fifty years of continuous service here in the Whitin Machine Works.

Mr. Wood started working here after graduating from the eighth grade in the Grammar School, and commenced on the Bolt job under Foreman Snelling. He started his business career tapping nuts and cutting screws. He was transferred later to the Gear job under Mr. Heath. Before his first year was completed he was transferred to the outside work and was employed on Castle Hill Farm during the business depression of 1875-76, and for the next three years helped deliver ice throughout the village. He started in the foundry as an apprentice in 1878 and after serving his time became one of our regular moulders.

Mr. Wood tells us he enjoys very good health and feels that hard work such as foundry moulding, although more strenuous than most occupations in the shop, is not detrimental to one's health. We hope he will continue to enjoy his work for many years to come.

Whitin Baseball Team Entered in Blackstone Valley League

The Whitin Machine Works Baseball Team had its first workout on Saturday, April 4th, at Vail Field. Nearly every one of last year's team are available this year with the exception of Denoncourt and Herb Ashworth. The candidates this season for catcher are Keeler, Sullivan and Steel; for pitcher, Murray, Malgren, Campo and Connors; Jack Leonard for first base; Carroll, second base; O'Neil and Walsh for shortstop and McKee and McGuire for third base. Those out for the outfield positions are Hartley, Kearnan, Frank Leonard and Ballard. Harry Kearnan has been retained as coach.

This year the team has entered the Blackstone Valley League, which was recently organized. For the past four years we have been playing in the Triangle Industrial League of Worcester, and in many ways we are sorry not to be connected with that organization this season, but due to the fact that our opposing teams, Millbury, Fisherville, Rockdale, Uxbridge and Douglas are located within more convenient distances, and due to the fact that we desire twilight baseball, together with the fact that the fans desire this league in that they can support the team away from home as well as at home, the Blackstone Valley League seemed to be the logical choice. The new league seems to be well organized. The officers are composed of Archie Couper, Agent of the Rockdale Mills, President, and H. S. Crawford of the Employment Department, Whitin Machine Works, as Secretary-Treasurer, together with a board of directors composed of two delegates from each team who have supervisory control of the league.

The calibre of players is going to be limited to such an extent that one team will not have any great outstanding advantage over the other, and it is the purpose of the league to develop local players wherever possible.

Sunset League Expects to Start Seventh Season

At this writing a meeting of the Sunset League is to be held within a short time, and by the time the SPINDLE is read, undoubtedly plans will have already been arranged. From an interview with the captains of the teams of last year there seems to be no reason why this, the seventh season of the Sunset League, should not be as successful as those in the past. The games will be played as usual, undoubtedly, on Monday and Wednesday evenings, at 6.30 p. m., and the league will be composed of the same teams as last year, the Yard, Speeders, Spinning and Foundry.



H. R. Adams and James Leitch at a Southern Camp Ground

Mr. H. R. Adams of the road force has been down in the South this winter and sent us a few photographs of a Camp Ground in Salem, about three miles from Porterdale, Ga. Mr. Adams tells us that some of the buildings are more than a hundred years old. This is a religious center for many of the Georgia people and they come from miles around and bring their "rations," usually for a whole week. The cottages have bunks, a cook room, and dining room. It is the oldest Camp Ground in the South.

Mr. Adams writes us that the Tabernacle in the photograph above was built in 1826.

Romance of Cotton Machinery

George Gannon of the Drafting Room continues his articles on the "Romance of Cotton Machinery" this month by a description of the builder motion on the spinning frame. He includes in this article further explanation of how the builder motion applies to the warp and filling wind bobbins of the frame.

A very interesting component of the spinning frame is the builder motion, and those of all manufacturers have an identical underlying principle although the outside appearance of their builder motions varies considerably.

There are two types of bobbins to be built, namely the warp wind and the filling wind. Figure 1 shows a warp wind. In Figure 1 when the warp bobbin is empty the first layer is wound on from A to B. This distance becomes shorter for each layer until finally for a full bobbin the last layer is a length like DC.

Figure 2 shows a filling bobbin and the length of wind AB is always the same, but climbs upward as the bobbin is being filled.

Figure 3 shows the functional drawing of the general principle employed in filling builder motions. There is a main weighted lever H pivoted at K carrying a worm, worm gear, chain drum and ratchet on one end. The end of the chain starts at P and as the cam F rocks the lever H over one lobe, the ring rail rises through one layer. The next cycle, however, starts the ring rail at a new position N1, because the ratchet C has let out the chain, hence the end of the chain now begins



FIG. 1



FIG. 2

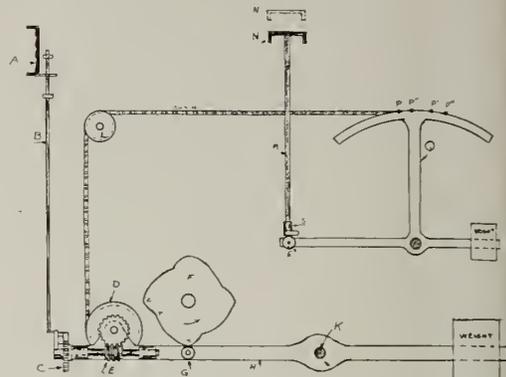


FIG. 3

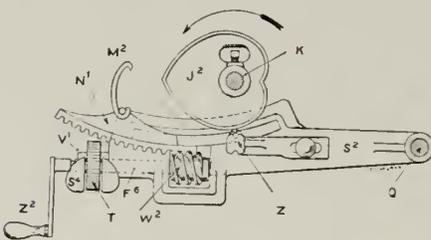


FIG. 4

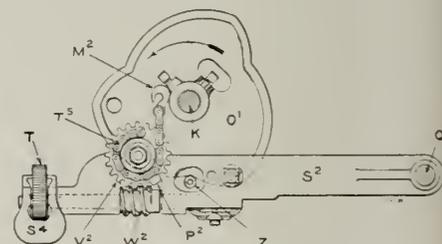


FIG. 5

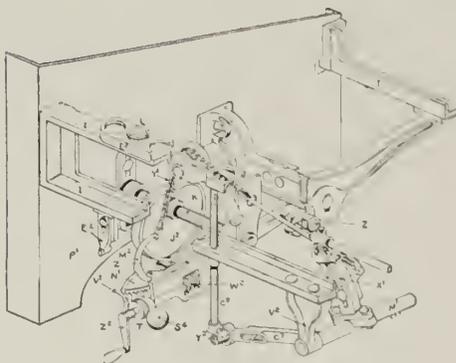


FIG. 6

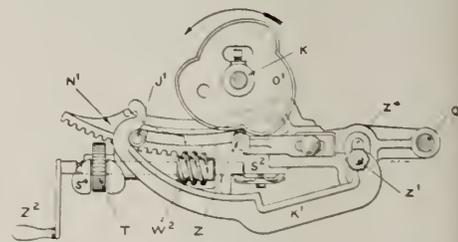


FIG. 7

1. Warp Wind Bobbin.
2. Filling Wind Bobbin.
3. General principle employed in building Filler Motions.

4. Warp Builder.
5. Filling Builder.
6. One position of builder installed on machine.
7. A combination Builder.

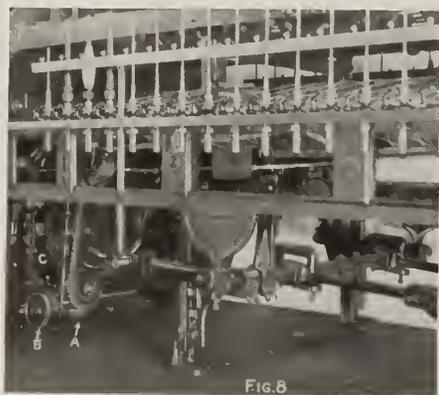


Fig. 8

Whitin Filling Builder on Spinning Frame

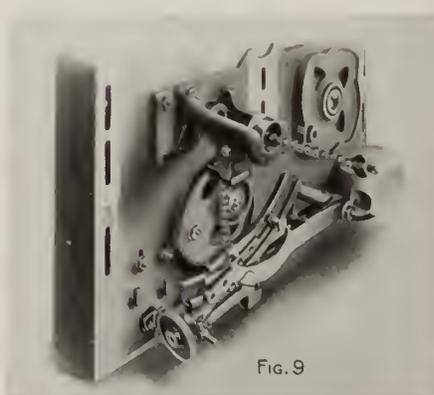


Fig. 9

Whitin Combination Builder hooked up for Warp Wind

at P and this is repeated until bobbin is completed.

Figure 4 shows a warp builder and Figure 5 is a filling builder. In the warp builders the same principle as filling is employed except that instead of a chain drum, there is a rack and worm changing the point of suspension of a chain.

Figure 6 shows one manufacturer's position of installation.

Figure 7 shows one type of combination builder which builds either

Continued on next page, column 1

Sons of Whitin Employees Play on Champion High School Team

The basketball season just closed proved to be one of the most successful in the history of Northbridge High School. The boys succeeded in winning the Championship of the Worcester County High School League, going through the Southern Division without losing a game and defeating Oxford, winner of the Northern Division, in a series of three games, winning at Whitinsville and Worcester by decisive scores, and losing in Oxford 12 to 11. The game in the George Marston Memorial Gymnasium drew the largest crowd ever at a game in Whitinsville, there being approximately 1300 tickets sold.

Following the winning of the championship of the Southern Division, the team was invited to participate in the Schoolboy Tournament at Worcester Tech. The team drew North High of Worcester, one of the favorites, in the first round and succeeded in defeating them after a hard tussle. They had a comparatively easy time winning their game in the second round, and this win placed them in the finals. After a hard game they lost out to Gardner High, winners of the Tournament in 1923 and 1924, by the close score of 20 to 16. This game was not decided until the closing minutes.

The team loses Capt. Trinner, Kearnan, Lawton and Bates by graduation, but should have a strong team next season with the following players returning to school, Bigelow, Graham, Campo, Crawford, Bedford

Romance of Cotton Machinery

Continued from page 6, column 3

filling or warp bobbins by a few simple changes.

Figure 8 shows a Whitin filling builder installed on a spinning frame and Figure 9 shows the famous Whitin combination builder hooked up for warp wind. This is without doubt the finest unit of builder motion mechanism on any spinning frame built today. In the upper right hand corner, Figure 9, can be seen the filling cam.



NORTHBRIDGE HIGH SCHOOL BASKETBALL TEAM

Front row: Harry Bedford, William Kearnan, John Trinnier, captain; Burnham Bigelow, Gordon McGuinness. Back row: Coach La Plante, Ira Bates, William Graham, Henry Lawton, Francis Crawford, Walter Cambo, Harold Adams, Manager

and McGuinness, as well as some promising material from the second team.

Much credit should be given Coach LaPlante for the manner in which he handled the team.

The boys are to be tendered a banquet at which time sweaters are to be presented to them in appreciation of their good work. The money for the purchase of these sweaters was raised by public subscription. Coach LaPlante is to be presented a sum of money at the same time, in appreciation of his good work.

It is hoped that Coach LaPlante will return to the school in September and that he will meet with the same success in the future that he has had in the past.

Mr. and Mrs. William Ashton celebrated their thirtieth wedding anniversary on Friday evening, April 3, at their home. They were presented a beautiful floor lamp by the members of the Rockdale Band on this occasion.

Mr. Ashton is a member of the Gear job and has been employed in the Whitin Machine Works for the past thirty-two years.

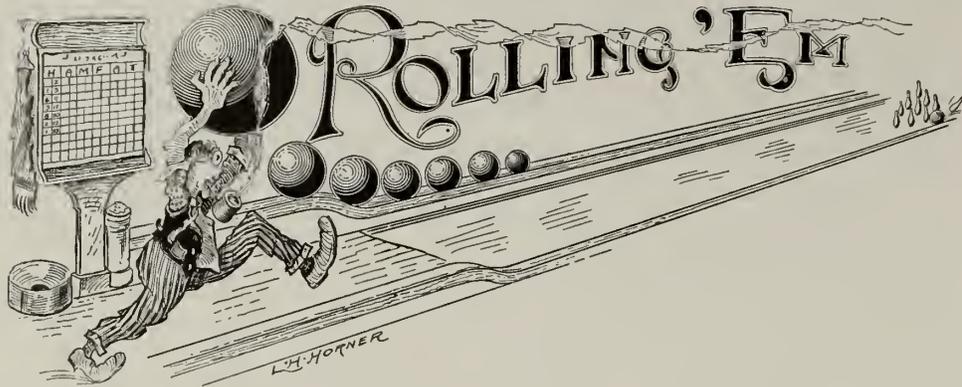
Real Tiresome

The colonel's negro orderly was missing and inquiry developed that he was confined to quarters as the result of a fight. Solicitous as to the welfare of his striker the old man visited him personally.

"How's this, Mose?" he inquired, "What's been happening to you?"

"Well, suh, you know Sat'dy was pay-day and after supper all us boys got into a big crap game. Long about 2 o'clock in de a. m. me an' Johnny Sims gits into a li'l' friendly argy-ment. Colonel, befoh I know it he hits me in de mout an' he knocks out fo' teef, and he hits me in de eyes and blacks dem, an' he mighty nigh busts mah nose and mah jaw. Den he gits me down on de ground and stomps me an' cracks three ribs. Fo' God, Colonel, ah never got so tiahd of a man in all mah life."

Anyone interested in securing household furniture at a reasonable price should interview Harry Mallette of the Geo. Marston Whitin Gymnasium, who is planning to sell some of his furniture between now and the first of June.



Season Ends for Office Bowling League

The Office Bowling League came to a close on Wednesday night, April 8. Unlike the last two seasons the last night did not determine the champion of the League, as No. 1 team, under Capt. Montgomery, were conceded the championship three or four weeks before. This was due mainly to Capt. Montgomery's phenomenal bowling, he finishing the season with an average of 101.7; and also due to the improvement of Ralph Lincoln, who stood third in the individual improvement for the season.

Considering the fact that the teams were based on an average rating, three pins improvement on Montgomery's part, and a four pin improvement on the part of Lincoln, gave that team quite an advantage.

The general average of the league this year was considerably higher than last season, due perhaps to a slightly larger pin. Fourteen of the twenty-three bowlers had an average of 90 or better.

Unfortunately there was no spirited fight between any two teams for a position. Team No. 4 had the experience of dropping from second place to the cellar in the middle of the season and returning to third position in the last four or five matches.

All the bowling records were broken in the Office League this season. Montgomery rolled a high five string total of 562 and Minshull and Broadhurst were close behind with 546 and 537 respectively. The highest

previous to this season was 525. The high single string is also held by Montgomery with 139, with Minshull a close second with 137.

A banquet for the Office League is being planned for the week beginning April 19, at which time the prizes will be given out and the cups presented to the winning team.

In announcing the winners of the prizes it must be kept in mind that no bowler can have more than two individual prizes, no bowler can have more than one average prize, but,



TEAM NO. 1. WINNERS OF OFFICE LEAGUE
Left to right: Harry Scott, James Robertson, J. H. Park, William Montgomery, Captain, R. E. Lincoln, Raymond Adams

regardless of all other prizes won, any bowler is entitled to team prizes as won by his team.

FINAL LEAGUE STANDING

	W	L	%	
Team No. I	103	65	.613	55,611
Team No. II	87	81	.524	54,531
Team No. IV	78	90	.464	54,407
Team No. III	68	100	.405	54,157

INDIVIDUAL AVERAGES

Montgomery	101.7	Crawford, H.	90.4
Broadhurst	96.6	Park	90.2
Cain	94.9	Driscoll	89.2
Lincoln	93.4	Ferry	88.9

Foley	92.8	Carpenter	88.8
Lamb	92.3	Benner	88.6
Minshull	92.2	Noyes	88.4
Noble	91.2	Dalton	87.4
McGoey	91.0	Scott	86.9
Connors	90.9	Duggan	85.8
Adams	90.7	Robertson	83.5
Parcher	90.6		

HIGH FIVE STRINGS

Montgomery	562	Lincoln	510
Minshull	546	Noble	507
Broadhurst	537	Connors	497
McGoey	523	Park	497
Cain	521	Adams	491
Lamb	518	Parcher	491

HIGH SINGLE STRINGS

Montgomery	139	Connors	126
Minshull	137	Broadhurst	126
Noyes	132	Dalton	122
Lamb	131	McGoey	120
Park	130	Benner	119
Cain	127	Crawford	118
Lincoln	127		

INDIVIDUAL AVERAGES (HANDICAP)

Parcher	100.3	Foley	96.7
Lamb	99.5	Ferry	96.3
Lincoln	99.3	Connors	96.0
Carpenter	98.9	Benner	95.5
Noble	98.6	Noyes	95.5
Park	97.9	Robertson	95.5
Crawford	97.7	Driscoll	95.4
Dalton	97.6	McGoey	95.3
Minshull	97.5	Duggan	95.3
Cain	97.4	Scott	94.5
Adams	96.7		

WINNING TEAM, \$24.00

Montgomery (Capt.)	Park
Lincoln	Scott
Adams	Robertson

HIGH INDIVIDUAL AVERAGES

1st prize	Wm. Montgomery	\$5.00
2nd "	Geo. Broadhurst	4.00
3rd "	Walter Cain	3.00
4th "	R. E. Lincoln	2.00
	J. J. Foley	

HIGH INDIVIDUAL AVERAGES (HANDICAP)

1st prize	Frank Parcher	\$5.00
2nd "	C. C. Lamb	4.00
3rd "	R. E. Lincoln	3.00
4th "	M. F. Carpenter	2.00
	J. H. Park	

HIGH FIVE STRINGS

1st prize	Wm. Montgomery	\$5.00
2nd "	John Minshull	4.00
3rd "	Geo. Broadhurst	3.00
4th "	Wm. McGoey	2.00

Continued on page 9, column 1.

Yard Wins Championship in Shop Bowling League

What proved to be a very close race in the Shop Bowling League was ended on Monday evening, April 13, when the Yard defeated the Bolsters 4 to 0, and the Down Homers were defeated by the Pickers 3 to 1. This placed the Yard in its undisputed position as the leader of the league.

The race between the Down Homers and the Yard has been a keen one during the past two or three months, with the Yard always in the lead but with the Down Homers threatening to take it from them. This is the first season that the Yard has been bowling as an organization. The Down Homers, however, should come in for high praise, for they have in the past invariably been at the bottom of the league. Their spirit as losers and as near winners has been very commendable.

The race between Spratt of the Bolster team and Walsh of the Picker team has not been decided at this writing, both teams having one postponed match to roll off. A few recent slumps on the part of Spratt dropped his average three-tenths of a point below Walsh's and there is to be keen rivalry when these matches are rolled off.

Broadhurst, who has been rolling in the Shop and Office Leagues, has the distinction of being in second place in the Office League and third place in the Shop League. His average of 96.6 with duck pins makes an interesting comparison with his average of 94.6 with candle pins. However, in making this comparison it must be kept in mind that the Office bowls five strings, the bowler



YARD BOWLING TEAM
Left to right: Peter Nash, Philip Boyd, Martin Rudolf, Anthony Campo, Captain, Pat. McGuinness, Louis J. Paquette

sitting out every two boxes whereas in the Shop League the bowler rolls two boxes and sits out eight, which may make some difference in their ability to maintain high averages. Which manner of bowling is advantageous to the bowler is still much in dispute.

The bowlers are planning a banquet at the end of the season at which time the prizes will be distributed. The prize winners and the prizes for the season are as follows:—

SHOP LEAGUE STANDING

	W	L	%
Yard	64	36	.640
Down Homers	56	40	.583
Pickers	54	42	.562
Bolsters	40	56	.417
Foundry	35	57	.380
Garage	35	61	.350

INDIVIDUAL AVERAGES

Walsh	95.3	Wood	89.4
Spratt	95.0	Paquette	89.3
Broadhurst	94.6	Nash	89.2
Gahan	93.5	Donovan	88.7
Hall, W.	93.2	McGuinness	88.5
Davidson	92.6	LaFleur	88.4
McCracken	92.5	Minshull	88.1
Campo	92.4	Brown	87.8
Connors	92.0	Shugrue	87.6
Wentworth	91.8	Godbout	87.0
Hall, J.	91.5	Vautor	86.1
Peltier	91.2	Dorsey	85.3
Malgren	91.0	Green	84.7
Young	90.2	Benner	84.5
Boyd	89.9	Rothwell	82.0
McQuilken	89.9	Spence	81.0

HIGH THREE STRINGS

Spratt	337	Connors	312
Peltier	323	Hall, J.	312
Davidson	322	Dorsey	311
Camp	321	Gahan	311
Broadhurst	319	Godbout	308
Hall, W.	319	McQuilken	308
McCracken	318	Wood	303
Young	318	Malgren	302
Walsh	314		

HIGH SINGLE STRINGS

Malgren	125	Hall, W.	119
Young	124	Donovan	118
Peltier	123	Spratt	118
Green	121	Connors	117
McCracken	121	LaFleur	117
Gahan	119	Boyd	116
Campo	119	Broadhurst	116
Hall, J.	119	Dorsey	116

WINNING TEAM, \$12.00

Anthony Campo (Capt.)	Pat McGuinness
Peter Nash	Philip Boyd
John Davidson	Louis J. Paquette

Malgren	HIGH SINGLE STRING	\$5.00
---------	--------------------	--------

Spratt	HIGH THREE STRINGS	\$5.00
--------	--------------------	--------

INDIVIDUAL AVERAGES		
1st prize	John Walsh	\$5.00
2nd "	Robt. Spratt	2.50
3rd "	Geo. Broadhurst	2.00

HIGH TEAM TOTAL, \$5.00

DOWN HOMERS	
William Hall (Capt.)	Martin Gahan
Joseph Hall	Melvin Young
B. L. Benner	

Season Ends for Office League

Continued from page 8

HIGH SINGLE STRINGS

1st prize	Wm. Montgomery	\$5.00
2nd "	John Minshull	4.00
3rd "	A. S. Noye	3.00
4th "	C. C. Lamb	2.00

HIGH TEAM TOTAL, \$10.00

Broadhurst (Capt.)	Driscoll
Connors	Benner
Noble	

Chester Boutilier, a member of the tool crib on the milling job, parked his Ford outside the No. 14 shop one noon recently. Chet had a very busy afternoon and was evidently planning a large evening for he walked home hurriedly after hours, only to discover that he had left his Ford behind. Rather than trust the Foundry employees who are always looking for serviceable material for the stacks, Chet returned in time to rescue his Ford and from all reports has decided to install a system of bookkeeping which will remind him of his property when it is taken out of storage.

Review of Basket Ball and Swimming Teams Contests at the G. Marston Whitin Gymnasium

Basketball Team Completes Its Second Season

On the whole, the season of 1924-1925 in Basketball can be considered a success, when it is taken into consideration that the Team here was up against much stronger Teams than they were last year. Any Basketball Team in its second year of existence which can come through with 50% of the games won, has a fair reason to consider itself a success for the season. Next year we do not predict what the outcome will be, but it seems reasonable to expect that with the two years experience behind it, the team will do even better than the season just closed.

The Coach, Mr. MaLette, wishes to take this opportunity to thank the fellows for their hearty cooperation, and the splendid spirit shown throughout the season. He wishes to commend them on their willing-



MEN'S BASKETBALL TEAM
Front row: William Keeler, Newell Wallace, Michael Jackman, Edward Ballard, captain; John Bogie, George McRoberts. Back row: Hugh Currie, assistant manager; Edward Connors, Harold Johnston, Francis Gow, Francis Smith, Harold Vaughn, Wilfred Turgeon, Everett Johnston, manager

ness to give up many nights to tedious practice and insistent plugging, thus

keeping themselves in proper shape for the long drawn out season which the past one has been. He also wishes to express his desire that they enjoy an even greater number of victories for the coming season. Even

though the present Coach will not be here next year it is his desire, that the Team will be able to enter some kind of a League. This should greatly increase the interest in the Team.



GIRLS' BASKETBALL TEAM
Front row: Grace St. Andre, Margaret McKaig, Mrs. Edith Casey, Lucia Bates, captain; Margaret Brennan, Margaret Marshall. Back row: Mary Britton, manager; Marion Wood, Mrs. Vera Carr, Cecelia Kane, Belle Smith, Doris Aldrich, Ruth Calhoun, coach

Following are scores of the Men's Basketball Team for the season 1924-1925.

Whitins	17	vs.	Worcester Tech	30
"	21	"	Worcester Sheltics	19
"	26	"	Worcester Boys' Club	42
"	16	"	Cambridge Y. M. C. A.	12
"	37	"	Osgood Bradley	15
"	54	"	Oxford Collegians	19
"	22	"	Crompton & Knowles	29
"	25	"	Presbyterians	31
"	20	"	Worcester Y. M. C. A.	24
"	20	"	Springfield College	29
"	33	"	Worcester Boys' Club	37
"	51	"	Worcester Rajahs	30
"	27	"	Cambridge	56
"	28	"	Brockton	47
"	50	"	Pawtucket Boys' Club	25
"	29	"	Brockton Y. M. C. A.	26
"	22	"	Worcester Y. M. C. A.	21
"	29	"	Brockton Y. M. C. A.	34
"	48	"	Providence Boys' Club	20
"	38	"	Millbury Collegians	29

Girls' Basketball Team Finishes Successful Schedule

On March 21, the Girls' Basketball Team played their final game of the season. The Agnesian Girls came to Whitinsville expecting to win but at the end of the best game of the season the score stood 22 to 10 in favor of Whitinsville. The result was much better than we hoped for as the Agnesians are considered a very fast team.

Practically every other team the girls played this year was a faster one than those played last year. It is very evident the team had rather improve by playing better teams, than to pick out those which would assure a string of victories. As it is they have eight victories and only six losses to their credit.

Perhaps the most exciting game the girls played was the one with the Presbyterian girls in Worcester. In the last minute of play a free try was made, breaking the tie and making the score 26 to 25 in favor of Whitinsville.

The Directors of the Community Association desire to thank especially Miss Lucia Bates, the Captain of the Team, Miss Mary Britton, Manager of the Team and Mrs. Richard Casey, Chairman of the Luncheon Committee. The duties of the Captain were not easy but judging from the spirit of good fellowship that reigns among the basketball girls, Miss Bates fulfilled her job of keeping everyone happy to the highest satisfaction of all. Never was it necessary to worry about arrangements for games. Letters, telephone calls, many times follow-up letters, anything that was necessary to be done was done on time and in plenty of time, by our efficient Manager Miss Britton.

Any of the visiting teams can vouch for the good eats that were so plentifully arranged for by Mrs. Casey. It was worth much to have someone who would assume entire responsibility and do the necessary work completely and in a most satisfactory way. It was through the good sportsmanship and sociability of the home team that visiting teams would

go away saying they were looking forward to another visit to Whitinsville because they had had such a good time. The people of Whitinsville might be glad to know that the visiting teams are judging the whole town by these representatives and would be well pleased if they could hear some of the favorable remarks made not only to the Whitin players but to other teams.

Surprise Party for Miss Calhoun

At the close of the basketball season for 1924-1925, the girls team held a surprise party for their coach, Miss Ruth Calhoun, at which time an exceptionally pretty Cameo Ring was presented to her. When Miss Calhoun showed us the new ring she told us of her appreciation for the thoughtfulness on the part of the girls, and how much it meant to her to have this fine expression of appreciation of her work and of their association together. We asked Miss Calhoun if she would write a short article about the surprise party which she consented to do. It reads as follows:—

On Thursday evening, March 26, the basketball girls gave me a delightful surprise party.

At that time they presented me a beautiful Cameo ring, which I shall cherish all my life, remembering the givers, who are the best sports and most lovable girls I have ever known.

But like the Association, the Team is a new organization and it has only been hard application and wonderful spirit that has brought them through two seasons of basketball, with considerably more victories than losses. More important still, they have won many friends by their fine treatment of all the visiting teams.

I am sure the town must be as proud of its girls as I am, for they can travel far before they will find fourteen girls who stand for truer sportsmanship.

To receive the lovely gift from girls like this is all the more wonderful, and deeply appreciated.



GIRLS' SWIMMING TEAM
Joan McSheehy, Veronica Kane, Constance
McSheehy, Margaret McSheehy, Josephine
Belanger

Swimming Team Makes Good Record Its First Year

The Girls' Swimming Team composed of Joan McSheehy, Josephine Belanger, Margaret McSheehy, Agnes Donahue, Constance McSheehy and Veronica Kane, have had a very interesting season.

The first meet they participated in was February 14, at the Worcester Boys' Club, at which time Joan McSheehy won first place in the 40-yard Free Style for girls under fourteen years of age. The next one was at Pawtucket on February 18. Pawtucket won the Meet with a score of 33 to 13, but the girls are not discouraged and expect to give them a much harder fight when Pawtucket comes here.

Agnes Donahue won first place in the Diving and Margaret McSheehy came in first in the 50-yard race.

On March 21, there was another meet at the Worcester Boys' Club. The N. E. A. A. U. 220-yard Championship Race was run off at that meet, and we were very glad when Margaret McSheehy showed some excellent swimming and came in first.

In the big meet, put on by the Whitin Community Association, Margaret McSheehy again came to the front and captured first place in the 100. That good little sport, Joan McSheehy wasn't far behind her sister, taking third place in the race.

The Officials of the Gymnasium extend their thanks to the girls for their good work, and want them to know they greatly appreciate what they have done for the building.



Bertha O'Neil, Carrington Noel, Arthur Broadhurst

Century Swim Winners

The Century swim just closed the latter part of March, after continuing from the middle of September 1924, proved to be a great success in more ways than one.

The individuals who won were: Mrs. Bertha Wood O'Neill in the Senior Division; Carrington Noel in the Intermediate Division; Arthur Broadhurst in the Junior Division. Each was presented with a silver loving cup as a reward for their efforts in this swim.

This can be considered a success from the standpoint of the many people who engaged in this sport, as it was a project furthered for the sole purpose of helping a lot of people to increase their knowledge of swimming, and also to give them confidence. It has enabled a lot of the boys and girls to cover long distances in swimming hitherto not considered by themselves as being possible. Many of the boys and girls who entered and started out by swimming seven and eight lengths of the pool at one time finished up by swimming anywhere from 50 to 90 lengths. The time given for the swim was one half hour, so one can see that a boy or girl swimming 44 lengths, which is equivalent to half a mile or 88 lengths equivalent to a mile, has accomplished quite a bit in the art of long distance swimming. There were quite a number of tests all along the route and a lot of the swimmers now, who did not know more than one stroke before, are proud possessors of possibly three or four different strokes, and several new dives.

Mr. MaLette, Physical Director at the Whitin Community Asso-

ciation, wishes to commend those who entered the swim and continued it, for their good spirit in staying through until the last. It is with this spirit only that any project can be seen through to a successful end. Mr. MaLette sincerely hopes that these people will have a chance to perform in a similar manner next year.

ing centers of New England has done much to help the game in general, because the public like to see plenty of competition and new faces.

"It has been a great pleasure to attend your meets in Whitinsville, and we here in Boston have enjoyed our trips thoroughly. We have noticed particularly the fine spirit of your competitors, and the enthu-



Group Picture of Contestants and Officials at Swimming Meet Held at Gymnasium

Boston Swimming Association Officials Commend Our Swimming Activities

The swimming activities of the Whitin Community Association are becoming well known outside our immediate vicinity. Mr. Brines, the Secretary of the Gymnasium, has received several letters in which the writers expressed their appreciation of the good work accomplished in Whitinsville by our swimmers. Excerpts from a letter from Gerald Harrison of the Federal Reserve Bank, and an officer of the Boston Swimming Association, read as follows:-

"The past season in indoor swimming has certainly been a very successful winter's campaign, and the fine work of your Whitinsville swimmers has done a great deal to arouse public interest. The mere mention of Whitinsville in the sports department of any of the Boston newspapers immediately calls for 'What is the swimming meet up there this week?'"

"The attention you have drawn to Whitinsville as one of the swim-

siam of your audiences and their loyalty to the local contestants was most praiseworthy."

Another letter from the Captain of the Boston Swimming Association, "Win" Marling, 100- and 220-yard New England Champion, and holder of many titles of other distances, contains the following paragraphs.

"I want to congratulate you, and all those connected with swimming at your Association, on the excellent work you have accomplished the past two years in this line of sport.

"You have certainly put Whitinsville 'on the map,' and have made a name for yourself in this short time. It has been quite an accomplishment and your community is now being recognized as a swimming center."

Sure Indications

If you wish to know whether a man has been at work, look at his palms. If you wish to know whether a girl has been at work, look at the third finger on her left hand.—(Chatham, Ont., News)

Boys' Swimming Team Developed Rapidly

The Boys' Swimming Team of the Whitin Community Association has enjoyed another very successful season, and the material as it stands now bids fair to cause very game competition for next year.

The members of the Team are as follows: Jack Brines, Captain; Carrington Noel, Captain Elect for next year; James Houghton, Bert Malkasean, Mike Pawlouski, Ray Baszner, Arthur Broadhurst, Bob Marshall, William Todd.

These swimmers have won Meets against the Pawtucket and Worcester Boys' Club, and had their goodly share of prizes in the Worcester Red Cross Meet held at the Worcester Boys' Club. Also Carrington Noel won second place in the Breast Stroke Swim at Cambridge in the School Boy Championship Meet, competing against boys from sixteen other High Schools. A Meet pending now with Plainfield Community Club is to be arranged for sometime in May.



BOYS' SWIMMING TEAM

Arthur Broadhurst, Mich. Palowski, Bert Malkassian, William Todd, Robert Marshall, Carrington Noel, James Houghton, John Brines, Raymond Baszner, Brendon McSheehy

and has been one of the leading promoters of a large number of entertainments at the building, as well as leader of the community band.

Mr. MaLette has several new positions under consideration, which include the directing of physical education in a middle western college, and two of a similar nature in large eastern high schools. This summer Mr. MaLette will be in charge of a boys camp at Lake Winnepesaukee, N. H.



Harry L. MaLette

Physical Director Resigns

Harry MaLette, Physical Director of the George Marston Whitin Gymnasium for the past two years, has sent in his resignation to take effect the first of June. Mr. MaLette has been with the Gymnasium since its start and during that time has organized many successful classes. He has also coached the basketball team

Trout Season Opens With Few Large Catches

The opening day of trout fishing was marshalled in with a loud clap of thunder about 2.30 A. M., together with a downpour of rain. This, however, did not dampen the spirits of the fishermen for this is supposed to be ideal weather for such sport. It continued to rain through the morning in real April shower fashion. At noon time the report came back by several of the fishermen that the best catch given in was that of Ray Kelliher of Snow's job with nine trout; Leon Wood of the Spooler job had seven and Clifford Arnold of the Drafting Room had six.

No Trespassing

Those of us who were in the army during the late war will appreciate the following joke sent in to us by a member of the Metal Pattern job.

The wife and daughter of Colonel Berry, Camp Commander, came to the gate after taps and demanded admission. The sentry objected.

"But, my dear man, you don't understand," expostulated the older woman. "We are the Berry's."

"I don't care if you're the cat's whiskers," retorted the sentry, "you can't get in at this hour."

Machine Protection

Machine guards are put there for your protection. A great deal of money and time has been spent to make this mill a safe place to work in. Do your part by keeping the guards in place. Do not remove them while machine is running. And always put them back before starting up, when removed for repairs or for cleaning.

There was a young person named Gray,
Who took the machine guards away,
He said "it's all bunk,
This safety first junk,"
His widow now works by the day.



View of Memorial Square. Photographed about 1880 from the Cupola of the John C. Whitin House

One of our good contributors brought us in a picture of the central part of the villege taken about the year 1880. On the extreme left in the background can be seen what is today known as the Dudley Block, then to the right is the Methodist Church, and the Congregational Church. The long building to the right of the second church spire is the old schoolhouse and next to it, standing where the bank is now located, is the old Dudley Store building. Across the street and in the corner of the estate is the Cyrus Taft house. Behind Memorial Hall is the old Cotton Mill used at that time as a carpenter shop for the Whitinsville Cotton Mills. It is interesting to notice how small the large trees which we see today around the estate appear in the photograph. This photograph was found in the attic of the Rebecca Brown house on Linwood Avenue and was procured at the time of the auction.

William Hogarth and Bernard De Vries wish to take this opportunity of thanking their fellow workers on the Metal Pattern job for making them the official delegates from the department to attend the lecture given by Donald MacMillin in the Whitin Gymnasium. The tickets were accepted in the spirit in which they were given, and the delegates will be willing to repeat the lecture to the members of the Metal Pattern job, after working hours, in case a class of more than twenty can be interested at one time.

We do not entirely understand what the difficulty is, but there evidently is a big boxing or wrestling bout to be staged in Harrington's Hall at midnight on Labor Day. This is to be a no decision affair and according to the Pattern Loft fans is to be staged between the famous umpire, William Montgomery, and Dick Magrath's protege, Hugh Currie, clerk of the pattern office. Dick has offered to act as referee but has been barred by Montgomery as being too interested in his opponent. We doubt anyway if we can get Montgomery and Magrath to appear in Harrington's Hall at midnight, especially if there is a high wind blowing and the usual possibilities of the spiritual world float through this famous emporium.

"Breden and sisten," said Parson Jones, "Ah got sumthin Ah wants to talk to you-all about, an' Ahm goin' to do it befo' the season gits any oldah. Las' wintah evry time th' frost came, an' you-all went out an' killed yer hawgs, Ah natchally expected to git me some poke. But all Ah ever got all wintah was jes' pigs' feet, pigs' feet. Ah got so ti'ad of pigs' feet Ah couldn't look a hawg in th' face. An' what Ah wants to announce to you all right now is, thet if you-all expecks me to preach in dishere congregashun DIS wintah, Ahm jest natchally goin' to have t' eat higher up on th' hawg—'ats all —HIGHER UP ON TH' HAWG!"

Picker Department has Varied Success in Poultry Business

Louis Haywood and Patrick McKeating of the Picker job have been very much interested in the poultry business during the past year; and in improving their flocks have been making mutual trades of fancy hens. The last swap included two hens which were highly recommended by Pat. The product from these two hens have resulted in only very freakish eggs, in fact, we had one of them brought to us for proof and we admit that it was something "the like of which we have never seen before." Pat claims the hens were homesick and that with a change of diet from his expert feeding was the cause of the difficulty, but Haywood claims that these eggs were on the way to development before they were traded to him, and thus the controversy runs.

We hope that the hen experts of the shop will enter into the discussion between Haywood and McKeating and help straighten out this tangle.



At Northbridge Center Kennels

It is a good trait of human nature to like puppies; in fact the most hard boiled individual will stop to play with a small pup who wags his stubby tail. The above photograph shows a few of the bird dogs at the home of Loren Aldrich on Northbridge Hill. Mr. Aldrich has had a varied and successful experience with all breeds of dogs and has promised us some very interesting photographs in the future of some of his most likely puppies.



Clarence A. Pollard

Retired Veteran Dies Suddenly

Clarence A. Pollard died suddenly at the Blue Eagle Inn on Friday, April 3. Mr. Pollard was in poor health for the past two or three years and was retired from the shop on October 25, 1924.

He started to work on the Spinning Erecting floor in December, 1900. This was his first experience in a machine shop and he became an expert fitter or machine erector. He had the unique experience of always having worked on the Spinning Erecting floor.

He boarded at the Blue Eagle Inn for more than eighteen years, and was well known both in the shop and at the hotel. He had a reputation of being a very good workman, always giving his best to the shop.

Married Men Defeat Spindle Bachelors

The single men on the Spindle job got very chesty last week and threw out a challenge to the married men to bowl them a three string total.

The single men chose Thursday night figuring that that would be the only night the married men would have seventy-five cents to pay for the bowling. Unfortunately for the single men the married men won and so the married men were able to return the seventy-five cents to their wives.

The score was very close and in fact was decided in the last box by

the two anchor men on each team.

Excitement reigned supreme in the box. Dex. Wood, the anchor man for the married men scored fourteen in his last two boxes. Hom. Greenwood got a nine box in his ninth and needed a ten box to beat the married men out on the total.

With his first two balls he took seven pins and left three pins up in a row and it looked like an easy win for the single men.

Homer fixed his four eyes on the three pins and let go.

The three pins are still standing there unless somebody kicked them down. The sensational bowling of the evening was done by Dex. Wood who succeeded on two occasions in getting nine boxes. Once in the first string and again surprising the fans by getting another nine box in the last string.

A good evening was spent. In fact, that was all the married men did spend. Whenever the married men get enough courage to borrow another seventy-five cents we will bowl a return match.

SINGLE MEN				
Stewart	82	91	93	266
Moore	73	81	73	227
Davidson	87	95	93	275
Donovan	86	81	86	253
Greenwood	76	82	88	246
				1,267
MARRIED MEN				
Lightbown	81	82	81	244
Fitzpatrick	94	95	85	274
Johnson	77	88	81	246
Baker	87	99	97	283
Wood	74	69	79	222
				1,269

A member of Mr. Halpin's organization sent us in a clipping which states a question and an answer. He claims that this might make a good creed for anybody under all conditions of life.

Q. "What were the famous words of the sailing orders issued by Sir John Hawkins to his ships? D.E.A.

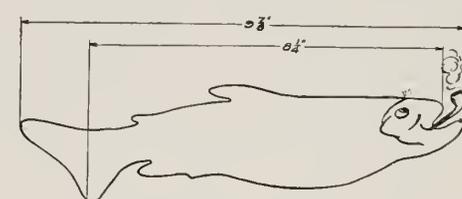
A. "Serve God Daily; love one another; preserve your victuals; beware of fire; and keep good company."

Rastus: "Here's dat quatah Ah borrowed from yuh last year."

Sambo: "Yuh done keep it so long dat Ah don't know if it's wuff while for me to change mah' pinion of yuh jes' fo' two bits."



At the monthly meeting of the Mumford Gun Club held the last Saturday in March, a very interesting experiment in mechanics took place. After the close of the official business, W. F. Hewes of the Superintendent's Office and Dick Britton and Harold Cummings of the Tool job were about to depart in Mr. Cummings' Studebaker. On the Mumford ground at this time of the year the soil is not in the best of condition for ideal autoing. Mr. Cummings found the hind wheels up to their hubs in mud, whereupon Mr. Hewes took charge of the situation and secured a plank, and with Britton's help, attempted to aid his brother in distress. Cummings stepped on the accelerator with more than usual vim, and as a result Hewes and Britton had an expensive tailor bill the following morning, and much of the Mumford soil was removed from the tailor shop to the dumping grounds.



Clifford Arnold of the Drafting Room reports a catch of a 9 7/8" trout on the opening day of fishing, April 15. The members of the Drafting Room grant that his measurements may be correct but present the above drawing to prove there may be some dispute over how to measure a fish.

You'll know him when you meet him,
And you'll find it worth your while,
To cultivate the friendship of
The "Man Behind the Smile."



WHITINSVILLE FIFE AND DRUM CORPS OF 1890

Standing:	12. John McClellan	23. James R. Ferry
1. Robert Marshall	13. Richard Marshall	24. George McClellan
2. James Marshall	14. James Currie	Sitting:
3. William Marshall	15. James McClellan	1. George McBratney
4. Albert McAllister	16. Robert Magill	2. William Kelley*
5. Daniel Currie*	17. Neil Currie	3. Ernest Booth
6. William Rollins*	18. Hiram Wood	4. Samuel Boyd
7. Harley E. Keeler	19. (Not known)	5. Frank Boyd
8. George Ferguson	20. John Spratt	6. Thomas Magill
9. George Brown*	21. James Morton	7. John Marshall
10. Joseph McKeon	22. Henry Magee*	*Dead.
11. Robert Spence*		

"The Flutes Tonight"

When the old fire station and band room, located between the freight house door and the Employment Department, was made over into the present autotruck loading room, the above group photograph was removed from its ancient and honorable position to that of the Carpenter Shop Office.

This photograph perhaps is of more interest than most of the old pictures that we have published in the SPINDLE in the past. One of the reasons is due to the fact that many fond associations are connected with this band organization. The band was very popular as the inspiring attraction during the famous political campaign in Whitinsville in 1892, when Cleveland defeated Harrison for President of the United States.

However, the outstanding reason why this picture should be of great interest to everybody connected with the shop at the present time is due to the fact that a majority of the players are now working here in the works.

The band was organized by Neil and James Currie at their home on Cottage Street, and the first meeting was held in the Dudley Block where the Bank Building is now located.

The instruments and uniforms were furnished the band by the Republican Club of Whitinsville.

To those who are not connected with the band, the following state-

ment will not be so very humorous, in fact it is still a puzzle to many of us just why the old timers take such great delight in recalling this phrase. Evidently there was a distinct Irish brogue attached to it, and the personality of its originator had much to do with its attraction. To get a smile from any of the old time band players, just ask them about "The flutes tonight, the drums tomorrow night, and the whole 'Dum' band the night after."

Blue Print Humor

Yelle Hooyenga, the famous story teller of the Drafting Room, always tells a story by giving us the title first. Under the title "Shaking the Wrong Stuff," Yelle tells us of the patient who when instructed to take a medicine by the doctor, read the label "Shake Well Before Using," and had his wife give him a severe shaking before each teaspoonful. He died.

He follows this one up with one entitled "Better Late Than Never." This story tells us about the man who owns a house and goes to the fire insurance agent to get insurance on the house. The agent asks the man how much the house is worth, and the owner replies, "You had better hurry up and make out the insurance because it is on fire now."

Mr. Hooyenga further wishes to announce to his many friends that he is now the original "millionaire kid." He wants to recommend his Uxbridge tailor who delivered him a suit with two pair of pants for the very reasonable price of \$12.50. Mr. Hooyenga will be glad to verify this statement on request.



BABY CLINIC AT GYMNASIUM

Miss Sanderson, Assistant District Nurse, Baby's mother, Dr. W. E. Balmer, baby exhibit A, Mrs. McKaig, District Nurse



The
WHITIN
Spindle



MAY - JUNE
1925
Vol. 6 No. 3



1. View from the first tee, it is 497 yards to the flag. You will notice how nicely surrounded it is with traps. 2. A view of the second hole, a short hole, but look out. 3. A view from the 8th tee, this is an elbow hole, the hole is to the left of the big tree. 4. A view from the 9th tee, this is a water hole and will require a long true drive to start, for if you slice it you're lost.

The WHITIN Spindle

VOLUME 6

WHITINSVILLE, MASS., MAY-JUNE, 1925

NUMBER 3

The Whitinsville Golf Club

There has recently been organized in Whitinsville, Mass., the Whitinsville Golf Club for the purpose of promoting all out-of-door sports, particularly golf and tennis.

At a meeting of Founder Members recently held, the articles of incorporation were signed, by-laws adopted and the following officers elected for the first year: Ralph E. Lincoln President, Wm. O. Aldrich Vice-President, Edward S. Alden, Jr. Treasurer, Robt. G. McKaig Secretary, and the following who with the above mentioned form the Board of Governors: Sydney R. Mason, Wm. H. Hoch, John W. Lasell, Dr. Frank B. Johnson and Ernest T. Clary.

Arrangements have been made by which the club house now in process of being erected and the golf course which was constructed last summer and fall, are to be turned over to the golf club by lease from the Whitin Machine Works.

This property which was formerly part of the Whitinsville Cotton Mill Farm is located about $\frac{1}{4}$ of a mile from the Whitinsville Town Hall on Fletcher St., the back road from Whitinsville to Uxbridge.

The club house is located at the northern end of the property, that nearest the town. This location is such that an excellent view of all but two of the nine holes of the course can be seen, and situated as it is on the banks of the Mumford River, the outlook is most picturesque.

The building, as planned, has a frontage of 96 feet with a depth of about 52 feet. It will be of one story construction with broad piazzas on three sides. On the first floor is a large living room 36 feet by 39 feet with an office and ladies room on one side and a dining room and kitchen on the other. In the basement will be located the men's and ladies locker rooms with shower baths and toilet facilities for each and provision is also made in the basement for a golf professional shop, living quarters

for the caretakers, storage room, heater room, etc.

The building is to be of wood construction with open finish on the interior. The design has been worked out by Jos. D. Leland, Inc. The construction work is being done by the Whitin Machine Works.

The golf course is nine holes and was laid out and constructed under the supervision of Donald J. Ross.

The tract of land chosen for this course was admirably adapted for the purpose and the major part of it, having been under tillage for a number of years made the actual clearing of the land and construction of the course a much less expensive problem than in most cases. The land is of the rolling type and offers many natural conditions that contribute to a first class golf course. The indentations of the Mumford River make it possible to have two water holes and a brook runs through the fairways of the first and sixth holes.

In laying out this course, Donald Ross was given carte blanche to make it the very last word in golf course construction and it is the general opinion that Mr. Ross has accomplished this result.

The total length of the course is approximately 3200 yards, the distances of the various holes and par for the same being as follows:

No. 1	497 yds.	par 5
No. 2	137 "	" 3
No. 3	383 "	" 4
No. 4	350 "	" 4
No. 5	440 "	" 4
No. 6	416 "	" 4
No. 7	170 "	" 3
No. 8	350 "	" 4
No. 9	420 "	" 4

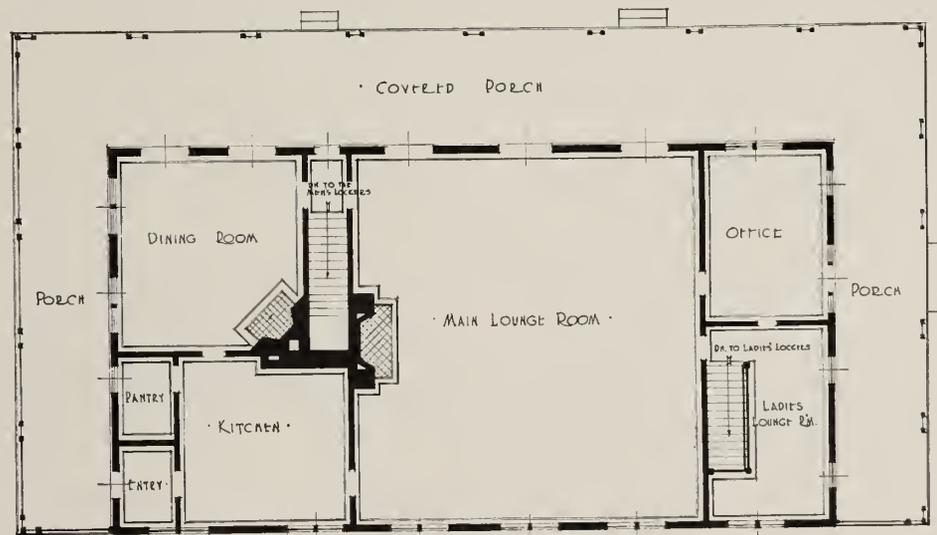
Hole No. 1 is a long slightly elbowed hole from a tee located about 50 yds. in front of the Club House over a ravine at about the 225 yd. mark to a large and well trapped green located on the top of a small hill.

Number two is the shortest hole of the course and will prove an unexpected stumbling block for the best of players. The tee shot must be very accurate as the elevated green is small with traps at the front and sides and rough grass at the rear.

Number three and four holes located across the road lend variety to the course in that they are on a different tract of land having woods on the sides and back. From the fourth tee located well back in the woods on a hill the vista is very beautiful. Both of these holes are trapped in a way to penalize the player who is very far off the line.

Passing back across the road the fifth tee is located close by No. 2

Continued on page 13



• FIRST FLOOR PLAN •

Romance of Cotton Machinery

George Gannon of the Drafting Room continues his article on the "Romance of Cotton Machinery" with an interesting description of the various differential motions.

The roving frame is one of the most interesting machines to the machine designer. The first section of the roving frame which appeals to the student is the study of differential motions. There are about six differentials in common use today, the oldest being the "Houldsworth" shown in Figure 14. When the sun gear G rotates opposite to the shaft A, it adds revolutions to the bobbin driver gear D to the extent of two revolutions for every revolution that the sun gear G makes.

Figure 15 shows the diagrammatic application of a "Houldsworth Motion" to a roving frame.

Figure 16 shows a differential similar to that of Howard and Bulough. There is a main shaft A which has a constant speed motion and carries around with it a short shaft D. The shaft D is free to rotate in A. On shaft D there are two bevel gears G and E. Gears H and F are loose on shaft A. H is called the sun gear and is driven by the bottom cone. F has 18 teeth, E has 30 teeth, E and G are keyed to shaft D. G has 16 teeth and C has 48 teeth.

When F is held stationary and shaft A is rotated one turn, the driven gear C received only $\frac{1}{3}$ of a turn.

Figure 17 shows a differential similar to Curtis and Rhodes. A is a main driving shaft on which is a loose bushing, M having a gear M (30T) on one side and gear N on the other. N receives variable speed from the bottom cone. Gear M meshes with K (25T) on stud L. J (17T) and K are fastened together. J meshes with G (30T). Gears G and E (14T) are fastened to a short shaft F which is free to rotate. The gear E meshes with an interval gear D (90T) on which is mounted a gear C. The short shaft F and the stud L which carry the gears E, G, J and

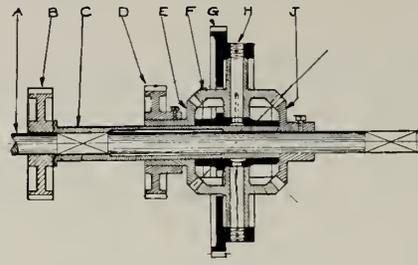


Fig. 14.

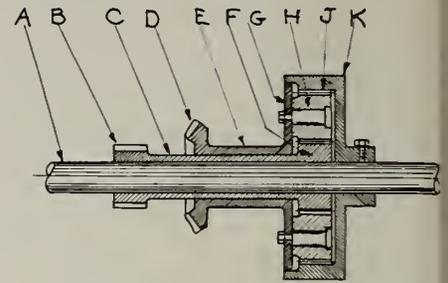


Fig. 18

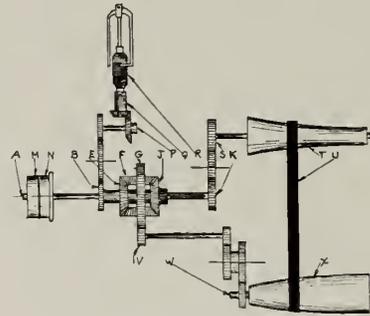


Fig. 15

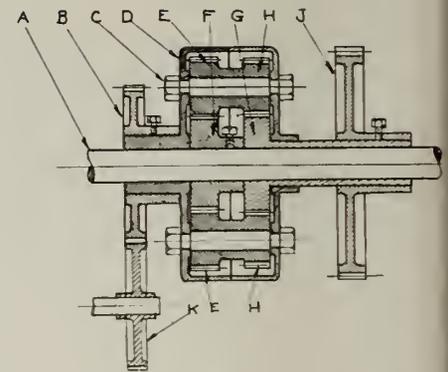


Fig. 19

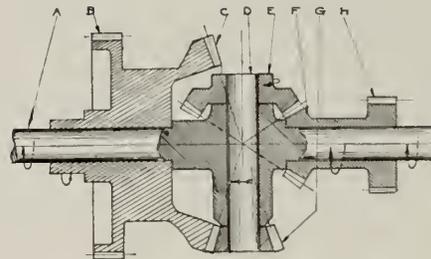


Fig. 16

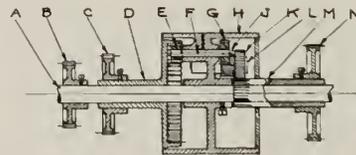


Fig. 17

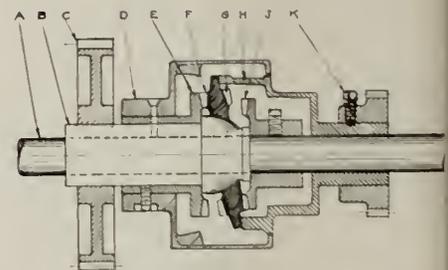


Fig. 20

K, are swung by the disk H which is fastened to the shaft A. The ratio of this gear is 119/1125.

Figure 18 shows a differential after the Daly principle.

Figure 19 shows a Brooks & Doxey type and Figures 20 and 21 show a Howorth differential, all of which will be explained at a later date.

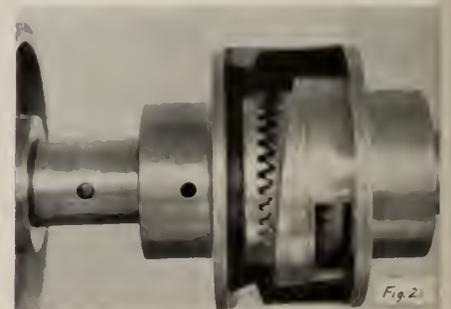


Fig. 21



Wm. J. Johnston

Our Long Service Series Foreman Completes Fifty Years Service

William Johnston, foreman of the Drawing job, completed fifty years of service in May. He entered the Whitin Machine Works in the spring of 1875, starting on the Card job under George Armstrong, and remained in there until March, 1877, when he started to serve his time as an apprentice. During his apprenticeship he worked for Lloyd Smith on Rolls, Remington and Bathrick on Spinning, Malcom Burbank on Looms and Howard Burbank on Cards. Before finishing his time, he was transferred to the Drawing job under Fred Houghton, and has been employed there ever since except during one or two business depressions.

Mr. Johnston was appointed second-hand of the Drawing job in 1888, and upon the retirement of Mr. Houghton in June, 1911, he was made foreman.

Found—Near Leland Road leading to upper East Street, a bag containing a set of calipers, a pipe, a supply of tobacco and other useful articles. Owner may have same by getting in touch with Thomas H. Driscoll of the Main Office.

You can say one thing for the Ten Commandments. It never is necessary to write them in code.

A Pre-Nuptial Dinner

A very attractive dinner party was given for Alice Magill at Odd Fellows Hall, May 27, by the girls of the office, in honor of her coming marriage to Mr. Frank Jefferson of town. Miss Magill was presented with a silver set.

During the evening a very clever entertainment was put on by some of the girls. Among the star performers were Catherine Munt, Margaret McKaig, Mary Cook and Helen Cotter. We understand that some of the large theatrical producers are on their trail.

Those present were Nellie Vail, Isabelle Hamilton, Jessie DeBoer, Alma Bassett, Elaine Brown, Alice Ferguson, Katherine Scott, Marion Wood, Susan Pollock, Lucia Bates, Margaret McKaig, Mary Cook, Mildred Sylvester, Mrs. Ballou, Gertrude Barlow, Mary Britton, Dorothy Vanderschaft, Jane Currie, Eva Feen, Mrs. George Bliss, Catherine Munt, Lena Roche, Florence Baldwin, Gwendolyn Searles, Mrs. Dorothy Hamblin, Ethel Kenney, Doris Aldrich and Helen Cotter.



Lester Dermody of the Production Department was at one time the proud owner of the five puppies shown in the above photograph. With the exception of the one in the middle, the other four are now the property of some of Whitinsville's famous hunters. How Mr. Dermody succeeded in keeping the pups quiet long enough to take such a good picture is more than we can understand.

Every man who makes his living with his hands needs the protection which safe guards provide.

Firemen's Field Day and Muster

The first annual field day and muster of the Whitinsville Fire Department was held on Vail Field, Saturday, June 5, with teams from the following fire departments competing in the various events, Milford, Hopedale, West Brookfield, Westboro, Ashland and Whitinsville.

The first event of the day was a baseball game between the Whitin team and the Town Talk team of Worcester, the visitors winning 8 to 6. The game was called in the seventh inning because of the intense heat.

The dry hose coupling contest was first on the program for the afternoon events and was won by the Milford team in the fast time of 17 $\frac{3}{4}$ seconds. The Whitinsville team made the same time as Milford.

The Ashland team took first prize in the wet hose coupling contest, the time being 15 $\frac{1}{2}$ seconds.

Following this event two teams picked from the Whitinsville Department staged a water polo game, team No. 1 defeating team No. 2 by a score of 2 to 1. Those on the winning team were Capt. Arthur Marshall, Harold Cummings, Fred Osgood, Robert Henson, George Williamson and William Britton.

The midway and booths were in charge of James R. Clarke and did a rushing business.

The following committee was in charge of arrangements, Charles A. Britten, Chairman, Louis R. Veau, Secretary and Treasurer, Daniel Duggan, James R. Clarke, Wilfred O. Aldrich and Winford Jones.

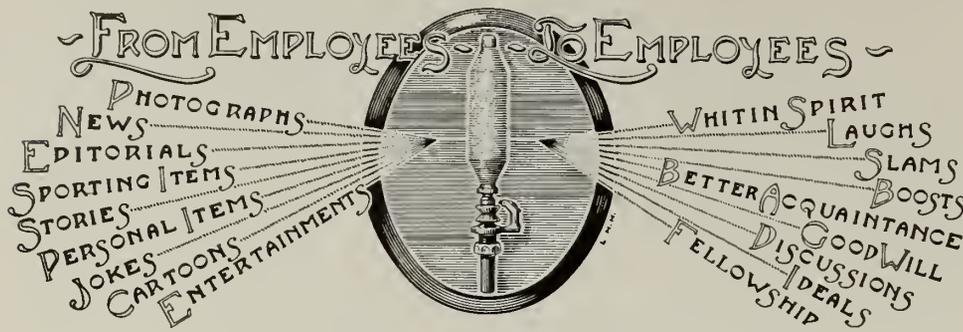
Disposed of

An ancient car chugged painfully up to the gate at the races. The gate-keeper demanding the usual fee for the automobiles, yelled:

"A dollar for the car."

The owner looked up with a pathetic smile of relief and said: "Sold!"

Your boss may determine your salary, but you yourself determine your worth. To get more, make yourself worth more.



Published Monthly by Employees of the Whitin Machine Works, Whitinsille, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

"I Don't Know"

The most exasperating individual in the business world is the person who, when asked for information, gazes at you with a lost look and says, dumbly, "I don't know." You do not mind a bit if the fellow whom you expect may be able to answer your query, happens to be ignorant, provided he can tell you where to find, out, or if he shows some interest in helping you to find the answer.

For a fact, one sure way to get ahead in any business is to establish a reputation for being able to answer questions. When your fellow workers get into the habit of asking you for information when they are stumped, you are surely on the road to a better job.

In almost every organization there is at least one such fellow. You can ask him a question that is a mile out of his line, and probably he can't answer it; but the very fact that he is unable to answer whets his curiosity, and he becomes as interested as you are in getting the facts. He has an idea where and how to find out, and he gets busy in the search. And your respect for him is just as great as though he were able to tell you right off the bat.

On the other hand, the person who blandly says, "I don't know," and shows no inclination to find out, goes

down several points in your estimation. And after a couple of such experiences, you put him down for a "Dumbbell." It is not necessarily the man who carries a hatful of miscellaneous facts around with him that wins the money. Walking encyclopedias are seldom found in big jobs. It's the man who knows where to find facts quickly, when he needs them, who counts.—*Selected.*

Whitin Home Garden Club

Harley E. Keeler, President of the Whitin Home Garden Club, predicts the most prosperous year in the history of the club. There were one hundred and sixty gardens given out by the first of May, exceeding last year's total by twenty.

There will be a mid-summer examination of the gardens as in past years, and prizes will be given those in the best condition.

Plans are already being laid for a bigger and better show in the fall, at the George Marston Whitin Gymnasium, followed by an entertainment and dance.

The supervisors and their districts are as follows:

Joseph T. Cahill, Lot No. 1, Taylor Hill.

Fred Hathaway, Lot No. 2, Taylor Hill.

A. M. Meader, Lot No. 3, Taylor Hill.

William Harkema, Lot No. 4, Taylor Hill.

James Hayes, Lot No. 5, Taylor Hill.

O. M. Jacobs, New Fairlawn.

Gilbert Harwood, Old Fairlawn.

William Walsh, Crescent Street.

John Dufries, Lot No. 1, Brick School.

Klaus Dufries, Lot No. 2, Brick School.

J. Harringa, Lot No. 3, Brick School.

Thomas Taylor, Lot No. 4, Brick School.

Surprise Celebration of 40th Anniversary

Mr. and Mrs. Yelle Hooyenga were pleasantly surprised at their home on C Street on the evening of May 19, by the members of the Drafting and Experimental Rooms, on the occasion of their fortieth wedding anniversary. Yelle was presented with a supply of tobacco which will keep him in smokes for some time to come, and Mrs. Hooyenga was presented with a beautiful flowering plant.

Mr. and Mrs. Hooyenga came to the United States from Holland in 1896, and lived in Northbridge for two years previous to coming to Whitinsville.

One of Yelle's numerous friends asked him if his visitors had brought any moonshine with them, to which he gave the following reply, "No, but they brought some sunshine."

Mr. and Mrs. Hooyenga wish to thank the members of the Drafting and Experimental Rooms for their kind remembrances on the occasion of their anniversary.

Some Safety Hints

Wear your goggles over your eyes and not on your forehead.

Don't look to others to think safety for you. Do it yourself.

Do not think that because an accident has not happened, it can not happen.

The best way to save time in the long run is to take time to do your work in the safest possibly way.



J. A. Parsons

It is with deep regret that we have to record the death of another long service employee, J. A. Parsons, foreman of the Card Clothing department, who died Monday, June 1, after a brief illness.

Mr. Parsons started working in the shop on top rolls under W. H. Thurber in August, 1889, and in September, 1892 was transferred to the Card Clothing job. He was made foreman of this department March 20, 1899 and served there until his death.

The sympathy of his fellow employees is extended to his family.

John G. Orr, a veteran of twenty-six years service in the Whitin Machine Works, died at his home on D Street, Monday, May 1. Mr. Orr had been in ill health for some time, due to paralysis, but seemed to be improving and his death came as a shock to his many friends.

He started to work in the Whitin Machine Works in August, 1899, and since that time had been employed on various jobs throughout the works. Previous to his illness he was employed as a watchman.

The sympathy of his friends in the Whitin Machine Works is extended to his family.

"How do you find marriage?"

"During courtship I talked and she listened. After marriage she talked and I listened. Now we both talk and the neighbors listen."

Rules as They Used to Be

It is always interesting to read of conditions as they existed in the past. The following list of "Regulations" has been contributed by one of the long service men in the shop, Mr. William Taylor. One of Mr. Taylor's relatives worked in the Amoskeag Mills and was required to sign this document, a copy of which she retained.

The Overseers are to be punctually in their rooms at the starting of the Mill, and not be absent unnecessarily, during working hours. They are to see that all those employed in their rooms are in their places in due season, and keep a correct account of their time and work. They may grant leave of absence to those employed under them, when there are spare hands in the room, to supply their places; otherwise they are not to grant leave of absence except in cases of absolute necessity.

All persons in the employ of the Proprietors of the Amoskeag New Mills, are required to observe the regulations of the room where they are employed. They are not to be absent from their work without consent, except in case of sickness, and then they are to send information to the overseer of the cause of their absence.

They are to board in one of the boarding houses belonging to the company, unless permitted by the Agent to do otherwise, and conform to the regulations of the house where they board.

The company will not employ any one who is habitually absent from public worship on the Sabbath, or who uses profane or indecent language in the Mills or elsewhere, or who uses ardent spirits as a beverage.

All persons entering into the employment of the company, are engaged to work twelve months; and are to work as many hours per day as the Mills run, considering that number a days work.

All persons intending to leave the employment of the company are to give two weeks notice of their intention, to their overseer; and their engagement with the company is not considered fulfilled unless they comply with this regulation.

Payments will be made monthly, including board and wages, which will be made up to last Saturday of each month, and paid in the course of the following week.

Any one who shall take from the Mills or the Yard, any yarn, cloth, or other property belonging to the company, will be prosecuted for every such offence.

These regulations are considered a part of the contract with all persons entering into the employment of the Proprietors of the Amoskeag New Mills.

Overseers hiring help are not allowed to set them at work until they produce a copy of these Regulations with the certificate below, signed by the person hired.

"The specialist I consulted yesterday advised me to go to a warmer climate."

"Just what a fellow told me today when I asked him for a loan of a few dollars."—New York Sun.



Nazairre Laferriere

Members of the shop were sorry to hear of the death of Nazairre D. Laferriere on Monday, May 18, at his home on North Main Street. Mr. Laferriere was a member of the Foundry organization and was employed in that department during his twenty-nine years of service in the Whitin Machine Works.

Mr. Laferriere was an enthusiastic member of the Whitin Home Garden Club, being a consistent prize winner at all shows held by the Club.

Our sympathy is extended to his family.

Mr. Robert Brighty, one of our retired long service veterans, brought us in the following information which he copied from one of the headstones in the cemetery at Northbridge Center. He was of the opinion that less than ten people in the town of Northbridge were aware of the fact that the Taft family had so many descendants.

"In Memory of Mrs. Lydia Taft, Wife of Capt. Ebenezer Taft, who died Jan. 29, 1829 in the 91st year of her age, leaving 2 children, 27 grandchildren, 89 great grandchildren and two of the fifth generation, in all 121 descendants now living."

The nice thing about telling the truth is that you don't have to remember what you say.



1. William Jr., son of William Ledeau, Card job.
2. Joseph A. son of James Murphy, Roll job.
3. Kurt F. son of Fred Harder, Spinning setting-up job.
4. Lucy, daughter of Alex. Ross, Planer job.
5. Charles A. son of John Ashton, Bolster job.
6. Morgan, son of Raymond Kelliher, Carpenter Shop.
7. Sadie Annie, daughter of John De Boer, Flyer job.
8. Shirley, daughter of Everett Stebbins, Card job.
9. Richard Henry, son of H. B. Thorngren, Blacksmith Shop.
10. Eleanor and Doris, twin daughters of Harry Kiernan, Metal Pattern job.

11. Lois Elizabeth, and Carol Gifford, children of Wm. Baines, Tool job.
12. Frances Estelle, daughter of Lewis Kenney, Production Dept.
13. Pauline, daughter of Robert Brown, Drafting Room.
14. J. Francis Glennon, grandson of Mrs. Dora Rascoe, Brush job.
15. Mary A. and James J., children of James Kane, Outside Paint job.
16. Leonel and Philip, children of Robt. Zuidema, Speeder parts job.
17. Leonice May, daughter of Albert Kelly, Spinning Parts job.

18. Joanna Minnie, daughter of John Vanderbaan, Drawing job.
19. Frank Milton, son of Wm. Crossland, Spinning Setting-up job.
20. Anna and Clara, daughters of John Dufries, Spinning Parts job.
21. Dorothy and William, grandchildren of William Dale, Repair job.
22. Nancy May, daughter of Harry E. Lees, Wood Pattern job.
23. Dorcas Mildred and Ronald Francis, children of Frank Clark, Comber Setting-up job.



- 24. Eileen and Eunice, children of C. J. Reilley, Automatic job.
- 25. Mary Elizabeth, daughter of Alfred Sutcliffe, Wood Pattern job.
- 26. Maria, daughter of Albon Nelson, Repair Department.
- 27. Marjorie Helen, daughter of John Kooistra, Drafting Room.
- 28. Audre Joan, daughter of John Dalton, Piping Department.
- 29. Wallace Earl and Dorothy, children of Earl Hammond, Production Department.

- 30. Mary, daughter of Timothy Londergan, Cast Iron Room.
- 31. John F., son of Thomas Rogers, Piping Department.
- 32. Albert George, son of George West, Drafting Room.
- 33. John and Francis, children of John Lash, Spinning Parts job.
- 34. Meredith, daughter of Philip Boyd, Tool job.
- 35. Philip Jr., son of Philip Boyd, Tool job.
- 36. Harold Crawford, son of Thomas Wallace, Planer job.
- 37. Rita Baldwin, daughter of Louis Veau, Foundry.

- 38. Alice June, daughter of David Gray, Automatic job.
- 39. Judith, daughter of M. J. Brines, Sec'y Whitin Community Association.
- 40. Francis Jr., son of Francis Joslin, Wood Pattern job.
- 41. Bernice, daughter of Anthony Campo, Yard.
- 42. Francis, son of Jos. Laporte, Automatic job.
- 43. Philip Flemming, son of William Skillen, Flyer job.
- 44. William A. son of Wilfred Aldrich, Picker job.
- 45. Beatrice M., daughter of Fred Tebeau, Brush job.

Whitin Team Making Good Showing in Blackstone Valley League

With four weeks of the Blackstone Valley Baseball League schedule completed, the Whitin team is in second place with six wins and two losses, two full games behind the Douglas team. After winning the first three games, they were defeated by Douglas and later by Rockdale. A summary of the games played up to the time the SPINDLE went to press follows.

The team opened the season in Uxbridge on Saturday, May 16, and won from their old rivals 7 to 3. Uxbridge got off to a two run lead early in the game, but the boys got to Jowett for six runs in the fifth inning and put the game on ice. With the exception of the fifth inning, it pitched good ball for Uxbridge and gave some of our heavy hitters considerable trouble. Murray pitched a good game, allowing but seven hits, which he kept scattered.

On Thursday, May 21, the Millbury team was defeated at Vail Field, 6 to 3. Vincent was in the box for Whitins and allowed but six scattered hits. Hartley's fielding and Sullivan's hitting featured this game.

On Saturday, May 23, the team went to Fisherville and had a comparatively easy time, winning by a score of 8 to 1. Malgren started for Whitins but was ineffective with men on bases and gave way to Murray in the fifth inning. Bill had one of his good days, only three men facing him in each of the last four innings. Hartley hasn't got over the "foul" ball he hit during this game.

On Thursday, May 28, a large crowd followed the team to Douglas and had high hopes of seeing the boys win, for three innings, but four runs in the fourth and fifth innings was too much of a handicap. Poor base running ruined any chance the team had of scoring in the sixth inning, after the first three men up had singled.

It has been a long time since a Whitin team succeeded in defeating Rockdale twice in succession, but this feat was accomplished on Memorial



WHITIN MACHINE WORKS BASEBALL TEAM
Front row: Campo, J. Steele, W. Steele, O'Neil, Carroll; second row: J. Leonard, Hartley, McKee, Malgren, Sullivan; Back row: Crawford, Treas., F. Leonard, Vincent, Kearnan, Coach, McGuire, Murray, Dalton, Mgr.

Day. The game in the morning, played at Vail Field, was not decided until the last man was out, McGuire's great stop of a hard hit ball putting an end to a Rockdale rally. This game was featured by Hartley's playing, both at bat and in the field, and the batting of Jack Leonard.

The teams played a return game in Rockdale on the afternoon of the holiday, Whitins winning 3 to 1. The Rockdale team could do nothing with Vincent, who allowed but three scattered hits, showing the best pitching to date. Hartley continued his good work of the morning, making three or four sensational catches out in left field.

The boys tried to make it three straight from Rockdale on Thursday, June 4, but were defeated 5 to 0. Donais, pitching for Rockdale, struck out thirteen and allowed but five scattered hits. Murray pitched well enough to win ordinarily but loose fielding put him in the hole several times when the side should have been retired.

In the first extra-inning game of the season, the Whitin team defeated Uxbridge in Uxbridge, on June 6, 8 to 7. It was a free hitting contest for the first five innings. Vincent relieved Malgren in the sixth and held Uxbridge to three hits during the

last five innings. Hartnett, who did so well against Douglas, relieved Jowett and did not fare so well against the Whitin sluggers, they scoring three runs off his delivery and winning out in the tenth.

With Murray and Vincent pitching good ball and Malgren coming around the team should figure high in the standing at the end of the season. The rest of the team is coming along fast and some good games will be seen at Vail Field during the year.

The league standing and the batting averages of the Whitin players are as follows:

BLACKSTONE VALLEY LEAGUE STANDING

	W	L	$\frac{W}{L}$
Douglas	8	0	1.000
Whitins	6	2	.750
Rockdale	3	4	.429
Fisherville	2	4	.333
Uxbridge	2	6	.250
Millbury	1	6	.143

BATTING AVERAGES

	AB	R	II	$\frac{R}{AB}$
Sullivan	9	1	5	.556
Leonard, J.	30	4	12	.400
Hartley	29	3	10	.345
Kearnan	29	8	9	.310
O'Neil	33	7	10	.303
McGuire	34	3	8	.235
McKee	9	0	2	.222
Steele	19	3	4	.211
Murray	11	0	2	.182
Leonard, F.	32	7	6	.156
Malgren	8	1	1	.125
Vincent	8	0	0	.000
Carroll	20	0	0	.000

Sunset League Opens Seventh Season Speeders Leading

The opening game of the seventh season of the Sunset League was postponed on account of rain. With the season only five weeks along, it has been necessary to call off four games due to the weather.

The teams represented this year are the same as last, the Speeders, Spinning, Foundry and Yard. With the exception of the Yard, the teams seem to be pretty evenly matched and some good games should be seen before the summer is over.

The Speeders, under the direction of "Wricky" Malgren and "Jim" Ashworth, have got away to a flying start, having won three games and lost none.

Raymond Barlow and Edward Savage are doing the umpiring this year, and considering the fact that neither of them had any previous experience, are doing good work. It has been noticed that some of the fans take a great delight in "riding" the umpires, and wonder if those who specialize at this could do any better.

The opening game on Wednesday, May 13, saw the Speeders come from behind and defeat the Spinning 10 to 6, after the Spinning team had

secured six runs in the first two innings with the help of five passes, three errors and two or three hits. The Speeders got to Postma for three doubles and three triples which helped account for their ten runs.

The Speeders won their second game on Monday, May 18, defeating the Foundry 6 to 5. The Foundry can attribute this defeat to Lozier, second baseman for the Speeders, who played a great game in the field, robbing the heavy hitting Foundry team of four or five hits when they meant runs.

The Spinning team broke into the win column on Wednesday, May 20, when they defeated the Yard 11 to 4. The Spinning team took advantage of eight errors contributed by the Yard team in scoring their eleven runs.

The Speeders defeated the Yard in the best game of the season on Wednesday, May 27, by a score of 3 to 0. After the first two innings, when the Speeders scored their three runs, Britton allowed them but one hit. Ashworth pitched good ball for the Speeders, allowing his opponents but four hits during the seven innings.

On Monday, June 1, the Spinning was out to trim the Speeders, getting four runs in the first inning, but one of the worst storms of the year made

it necessary to call the game before the Speeders had a turn at bat.

On Monday, June 8, the Yard team went completely to pieces and the Spinning team had a walkover, winning 18 to 3. Britton received very poor support, the Yard players contributing error after error on easy chances.

The league standing and batting averages through the week ending June 13, are as follows:—

SUNSET LEAGUE STANDING WEEK ENDING JUNE 13

	W	L	%
Speeders	3	0	1.000
Spinning	2	1	.667
Foundry	0	1	.000
Yard	0	3	.000

BATTING AVERAGES

	AB	R	H	%
McGuire, C.	4	0	3	.750
Keeler	3	0	2	.667
Ballard	4	3	2	.500
Britton	4	1	2	.500
Simmons	4	1	2	.500
Johnston	2	1	1	.500
O'Neil	11	7	5	.455
Postma	9	4	4	.444
Lozier	9	3	4	.444
Bogie	7	1	3	.428
McGuire, F.	7	0	3	.428
Nash	7	4	3	.428
Ashworth	10	2	4	.400
Steele, J.	5	1	2	.400
Jackman	8	1	3	.375
Corron	6	3	2	.333
Jones	3	1	1	.333
Malgren	-	-	-	.333
McKee	3	0	1	.333
Walsh	9	-	-	
Campo	7	2	2	.286
Carroll	4	1	1	.250
Veau	4	1	1	.250
Benoit	4	1	1	.250
Buma, S.	9	1	2	.222
Wallace	9	1	2	.222
Hall	11	4	2	.182
Brennan	6	3	1	.167
Sweeney	6	1	1	.167
Steele, W.	8	3	1	.125
Colthart	3	0	0	.000
Crawford	3	0	0	.000
Cooney	3	0	0	.000
Vautor	3	0	0	.000
Donovan	4	0	0	.000
Hartley	4	0	0	.000
Belval	5	0	0	.000
Clark	5	2	0	.000
Buma, P.	6	0	0	.000
Smith	7	0	0	.000



OLD RIVERSIDE TEAM

Front row: Wm. Ward, Arthur Woodcombe, Jos. Burns, Isaac Finney, Thomas Driscoll; Back row: Ray McCarthy, Dennis Connor, Pat Duggan, Fred McCarthy, "Sally" Jones, Louie Veau.

Many of the older employees of the shop will recognize the members of the old "Riversides" team. With the exception of "Sally" Jones and Louie Veau, who are still going strong with the Foundry team in the Sunset League, the rest of them confine their baseball activities to lending encouragement from the side lines.

Field Corn or Sweet

Any employees of the shop desiring to get a line on some good corn should get in touch with Simon Platukis of the Blacksmith Shop, who is acting as agent for Alex. Johnson. Simon's first customer was William Waterhouse of the Cast Iron Room. After Mr. Waterhouse finished planting he discovered he had purchased Field Corn and not Golden Bantam Sweet Corn as he had thought, and his visions of a cleanup on the corn market were smashed. Simon has yet to make his second sale and is contemplating handing in his resignation and confining his future activities to the Blacksmith Shop. We advise anyone to avoid mentioning the word "corn" while holding conversation with Mr. Waterhouse.

William Scott, of the Carpenter Shop, and Ralph Wood, formerly employed at the George Marston Whitin Gymnasium, left Whitinsville Monday morning, June 1, on a trip to California. In order to get well acquainted with that machine called the "Ford", which they are depending on to carry them across the country, the pair purchased one, three weeks previous to leaving Whitinsville. They expect to be gone for three or four months, and plan on stopping along the way to take in the various points of interest. When last heard from, they were leaving Detroit and going strong. Their many friends in the shop wish them the best of luck on the trip.

Vacation Pictures Wanted

During the coming three months many members of the Whitin Machine Works will be spending their vacations at the seashore or in the mountains. We would be pleased to print any photographs which may be taken during that time.

It is about as bad to be thrown down by a friend, as to be held up by a stranger.



ERNEST FULLERTON

The sailor pictured above was a familiar sight around the shop not so many years ago, having worked on several different jobs during his service here. Since leaving us to enter the Navy, Ernie has had the pleasure of seeing considerable of the world at the expense of Uncle Sam. The ship on which he is stationed was ordered to Shanghai where he expects to remain for the next year or two. Since joining the Navy, he has received several promotions and at the present time holds the position of second-class torpedo man.

Leon Barnes, of the Tool job, took his friend "Sally" Jones up into the country on a fishing trip during the last week in May. "Sally" had visions of bringing home a large string of fish to show to "Bob" Ferguson and some of his other friends, but upon arriving at their destination discovered that he had forgotten to bring his fishing rod along. The next day "Sally" had a hard time explaining to his many friends how he expected to catch fish without a rod. We wonder what was on "Sally's" mind to cause this temporary state of "amnesia."

The man who becomes so big and so successful that he has no time for a kind word and a helpful deed becomes a failure.

Winners in Swimming Meet

A swimming meet was held in the George Marston Whitin Gymnasium Pool on Saturday evening, May 23, to decide the various champions of the association for the year 1925. The competition was keen in some of the events and the times turned in were good. Following is a summary of the various events and the winners.

Fifty-yard free style, Burt Malkasean, time 29.3 seconds.

Fifty-yard free style for girls, Margaret McSheehy, 32.7 seconds.

Forty-yard breast stroke, Carrington Noel, time 30.3 seconds.

Forty-yard breast stroke for girls, Constance McSheehy, 38.5 seconds.

Forty-yard back stroke, Burt Malkasean, time 29 seconds.

Forty-yard back stroke for girls, Joan McSheehy, uncontested.

One-hundred yard swim, Jack Brines, time 1 minute 18 seconds.

One-hundred yard swim for girls, Josephine Belanger, 1 minute, 25 seconds.

Two-twenty yard swim, Jack Brines, time 3 minutes, 27½ seconds.

Two-twenty yard swim for girls, Margaret McSheehy.

Agnes Donohue won first prize in the diving competition for girls and Jack Brines for the boys.

Whitin Community Association Offers Special Summer Membership

A Summer Membership in the Gym is offered to you at the amazingly low price of \$1.00. Think of it—three months for \$1.00! Can you afford to miss this?

EVERYONE IN WHITINSVILLE A SWIMMER. WHY NOT—A THREE MONTHS SUMMER MEMBERSHIP IN THE GYM FOR \$1.00, IF YOU JOIN BEFORE JULY 1st. \$1.00 FROM NOW UNTIL SEPTEMBER 30th! YOU CANNOT AFFORD TO LOSE THIS CHANCE!

The Whitinsville Golf Club

Continued from page 3, column 3

green. The drive from this tee calls for a very long and straight shot in order to clear large yawning traps located on the top of a hill about 140 yds. from the tee. It is the only hole on the course on which the drive is blind. After getting by these traps the hole opens up wide straight rolling fairway to a green located near the river.

The green of the sixth hole, 416 yds. long is on a point of land 25 yds. in front of which a brook crosses the course. From this brook there is a steep slope going up to the green. In order to reach this green in two, a second shot with a very long carry will be necessary. It is predicted that the more conservative will play their second shots safe on this hole.

Number seven is a midiron shot over a deep valley to a well trapped green.

Number eight is where the water is first encountered. It is distinctly an elbow hole with a short distance over the river for the short driver and a gradually widening amount of water to carry the shorter the direct line to the hole one may choose to play.

Number nine is considered by Mr. Ross as one of the best "2 shot" holes in the country. The drive is over a neck of the river with a very long carry from the back tee probably 150 yds. and a short carry from the front tee probably 40 yds. The

hole then runs along the side of the main part of the river and a sliced ball will generally be penalized. The tee shot if played well will leave the ball on a plateau above the river; the second shot will then be over a valley to the green located on another plateau about 50 yds. to the right in front of the Club House with the river on the right hand side of the green.

All greens and teeing grounds have been constructed in accordance with the most modern practice. The greens are well propped up at the rear to allow for bold pitching and vary in shape and contour. Some are long and narrow, others short and wide, one is slightly terraced and none are without rolls of some kind. Ample teeing space has been provided at every hole, some holes having as many as four and some three and some with two and on holes where there is only one tee, this tee has been made large enough so that good turf will always be available.

Following his usual policy, Mr. Ross has left practically no blind shots either from the tee or to the greens. This feature is always attractive to beginners and veterans of the game.

All of the greens have been sown with creeping bent stolons, which method of raising grass has given excellent quick results with playable greens the first year after the stolons are put in.

Swimming Pool Schedule

SWIMMING HOURS FOR WOMEN AND GIRLS
MONDAY NIGHT

7:00- 8:00 Class for Non-swimmers.
8:00- 9:00 Class for Swimmers. (Sr. Women & Girls).

THURSDAY NIGHT

7:00- 8:00 Class for Swimmers.
8:00- 9:00 Class for Non-swimmers. (Sr. Women & Girls).

TUESDAY AND FRIDAY MORNING

9:00-10:30 Non-swimmers.
10:30- 11:30 Swimmers. (Juniors).

TUESDAY AFTERNOON

2:00- 3:00 Senior Women's Life Saving.
3:00- 4:00 Intermediate Swimmers.
4:00- 5:00 Life Saving Tests. (Juniors).
5:00- 6:00 Life Saving Tests. (Seniors).

WEDNESDAY AFTERNOON

3:00- 4:00 Swimmers. (Intermediate Girls)

WEDNESDAY NIGHT

7:00- 8:00 Free Swimming. (Senior Women and Girls).

SATURDAY MORNING

9:00- 9:30 Children under nine years.
9:30-10:30 Junior Girls.

SATURDAY AFTERNOON

2:00- 3:00 Senior Women and Girls.
3:00- 4:00 Intermediate Girls.

SWIMMING HOURS FOR MEN AND BOYS
MONDAY AND THURSDAY

9:00-10:30 Non-swimmers.
10:30-11:30 Swimmers. (Juniors).
3:00- 4:00 Intermediate Boys. (Non-swimmers).
4:00- 5:00 Intermediate Boys. (Swimmers).
5:00- 6:00 Men.

TUESDAY NIGHT

7:00- 8:00 Class for Non-swimmers.
8:00- 9:00 Class for Swimmers. (Men).

FRIDAY NIGHT

7:00- 8:00 Class for Swimmers.
8:00- 9:00 Class for Non-swimmers. (Men).

WEDNESDAY AFTERNOON

4:00- 5:00 Intermediate Boys.
5:00- 6:00 Men's Class.
8:00- 9:00 Free swimming for Men.

SATURDAY MORNING

10:30-11:30 Junior Boys.

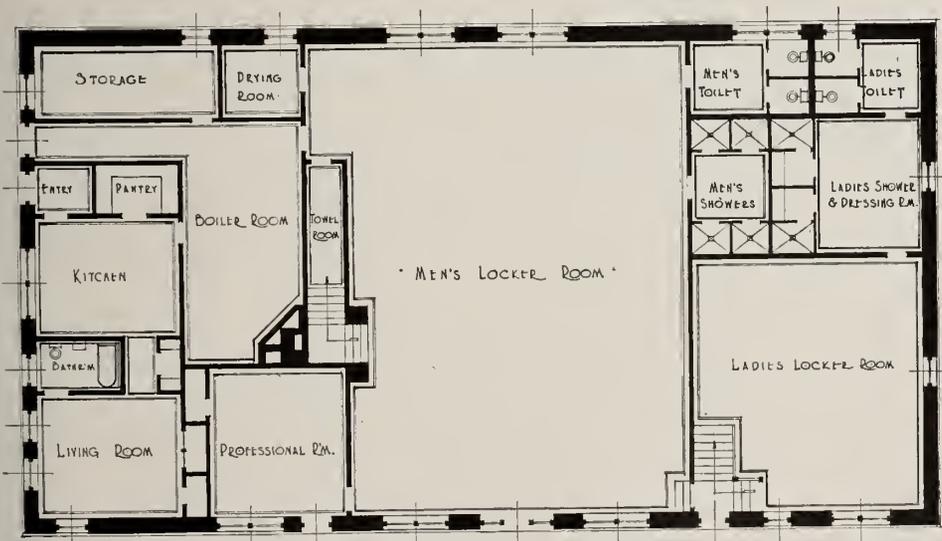
SATURDAY NIGHT

7:00- 8:00 Men. (Note—Unless there are more than four swimming in the pool at 7:30, the pool will be closed.)

It is hoped that with the early Spring this year, the course can be opened sometime in June, at which time it is planned to finish up the construction of the Club House.

A Scotch wife nagged and nagged her husband until the poor fellow died. Then she was sorry, very sorry, so she erected a fine stone over his grave on which she had carved the following inscription:

"Rest in peace until I join you."



• BASEMENT FLOOR PLAN •

Frank Adams Spending Vacation in California

Enjoying a well-earned vacation of several months in California, Frank J. Adams, who is one of our long-service erectors, has sent us a number of interesting snap-shots of the locality.

The caption over the picture below might well be "Eternal Youth and Old Age"; as Adams will always be young in spirit, while the venerable old redwood stands as a monument to Time Invincible.

Or, it might be, in posing for the photograph, Frank had in mind the immortal salutation of our own General Pershing, who, on his arrival in France, announced to a war-torn people that America stood ready to repay a patriotic debt of generations, with the words "Lafayette, we are here!"



FRANK ADAMS

This old Redwood has a theoretical age of four thousand years, has reached a height of two hundred and seventy-three feet, with a diameter at the bottom of twenty-nine feet and four inches. Following the local custom of naming the monarchs of the redwood forests, this tree has been given the name of Lafayette, in honor of the famous French general who supported Washington during the Revolutionary days of '76.

It may be hard to work, but it is harder to want.



LAWRENCE J. RAMSEY, JR.

Many of the employees of the shop will recognize the youngster in the photograph shown above, especially those who leave the shop from the freight house. He can be seen at the corner of Main and Forest Streets any noon or night helping his father direct the traffic at this busy corner. He is Lawrence Ramsey, Jr., son of Lawrence J. Ramsey, foreman of the Speeder Parts job. He is becoming quite efficient on the job and before long will be able to handle the traffic problem as well as his father does at present.

Not as the Crow Flies

Any member of the works contemplating a trip to Maine this summer should consult Charlie Melanson of the Foundry for information concerning the most direct route. Charlie, together with his trusty Ford, left Whitinsville on Thursday, May 14, to spend a few days in Maine, and arrived there safe and sound. We haven't found out yet whether Charlie ran out of gas or got lost on some country road on his return trip, but understand he left for Whitinsville early Saturday morning, May 16, and did not arrive home until around nine-thirty Sunday evening.

Charlie has received several offers for his Ford but due to the remarkable time made on the trip, has refused all offers.

Cecil Knowlton of the Spinning Erecting job is receiving congratulations on the birth of a son, Thursday, June 11. The baby has been named Kenneth.

When a girl transfers her affections frequently does the same with her powder.

Appropriate Memorial exercises were held in the George Marston Whitin Memorial Gymnasium on Sunday evening, May 24, under the auspices of the Rowse R. Clark Post No. 107 G. A. R., and the Jeffrey L. Vail Post American Legion. The following program was in order for the evening:

- | | |
|---|------------------------|
| 1. Medley—American Songs, | Orchestra |
| 2. America, (First and last verses) | Audience |
| 3. Invocation, | Rev. Walter H. Commons |
| 4. Song—"Tenting Tonight" | N. H. S. Glee Club |
| 5. Address of Welcome, | Com. Henry J. Bouvier |
| 6. Origin of Memorial Day, | Joslyn Deeks |
| 7. Song—"To a Wild Rose" (McDowell) | N. H. S. Glee Club |
| 8. Reading Roll of Honor (Civil War) | Rev. Willis J. Layton |
| 9. Reading Roll of Honor (World War) | Rev. Walter H. Commons |
| 10. Salute to the Dead, | Audience |
| 11. Medley—Civil War Songs, | Orchestra |
| 12. Lincoln's Address at Gettysburg, | Chas. Garabedian |
| 13. Solo—"Christ in Flanders" | Mr. M. J. Brines |
| 14. Address, | Hon. David I. Walsh |
| 15. Star Spangled Banner, (First and Fourth Verses) | Audience |
| 16. Benediction, | Rev. Willis J. Layton |
| 17. March, | Orchestra |

On Memorial Day the graves of the Veterans buried in the various cemeteries throughout the town were decorated by the Jeffrey L. Vail Post American Legion, assisted by the schoolchildren. After the exercises at the cemeteries wreaths were placed at Vail Field and Buma Square, after which Taps were sounded.



J. HOWARD BURBANK

In the death of J. Howard Burbank the town has lost one of its long-time and much respected residents. Mr. Burbank came to the shop in 1866 and retired from active work in January, 1909, devoting his later years to gardening and poultry on his Prospect Hill place.

During his long service in the shop he worked on the Card job, of which he was foreman for many years, previous to his retirement.

What This Country Needs Just Now

Not more liberty but fewer people who take liberties with our liberty.

Not a job for every man but a real man for every job.

Not more miles of territory but more miles to the gallon.

More tractors and fewer detractors.

Not more young men making speed but more young men planting spuds.

More paint on the old place and less on the young face.

Not a lower rate of interest on money but a higher degree of interest in work.

More following the footsteps of the fathers and fewer following the footsteps of the dancing master.—The Whistle Idea.

"I've decided on a name for baby," said the young mother. "I shall call her Euphrosyne."

Her husband did not care for the suggestion; but, being a tactful fellow, he was far too wise to say so.



NORTHBRIDGE HIGH SCHOOL TEAM—COUNTY TEAM
 Front row left to right, Lamb, Kearnan, McGuiness, The Mascot, W. Sullivan, Rankin.
 Second row, Graham, Malkasean, Bouvier, Asst. Mgr., Keeler, Cap., Smith, Mgr.
 Back row, Laplante, Coach, Liberty, Bigelow, J. Sullivan, Frost, Crawford, Trinnier.

"Splendid!" he said cheerfully. "The first girl I ever loved was called Euphrosyne, and the name will revive pleasant memories."

There was a brief silence. Then: "We will call her Elizabeth, after my mother," said the young wife with great determination and vigor.—Los Angeles Times.



The picture shown herewith seems to indicate that the old adage "No man can do two things at once" does not hold true in every instance. Mr. Halpin has found time in the midst of supervising his department to paint the sign of the "Galesmeet Kennels" in a most artistic way. This is not by any means the first of his pictures to be reproduced in the SPINDLE, but we are sure that our readers will agree that the dog

in this picture should contribute greatly to the success of the enterprise.

Bob Keeler's many friends are congratulating him on his narrow escape from drowning recently. Bob's ability to float saved him from going to the bottom "Bunk" Hill says. "Bunk" has the laugh on Bob this time but has been warned that "He who laughs last laughs best."

As the Editor Sees It

The angry citizen puffed into the office of the city editor.

"See here, sir," he yelled, "What do you mean by publishing my resignation from my political office in this way?"

"You gave the story out yourself, didn't you?" asked the editor.

"Of course I did," replied the angry citizen. "But your paper prints it under the head of 'Public Improvements.'"—Selected.

New King

"I like the flat very much, but I hear that the place is haunted."

Landlord—"My dear madam, I attend to that personally. The ghosts only appear to tenants who do not pay their rent and refuse to move out."—Brooklyn Eagle.

Scotch Field Day

The Clan Drummond O. S. C. will hold its fourth annual field day on Saturday, June 27, and with good weather, the people hereabouts will be treated to just as fine a field day as they were ever privileged to attend. By field day we refer particularly, of course, to a day which will feature outdoor sports, real athletic events, etc., rather than to a big mid-way attraction.

Our field day offers a splendid opportunity for those interested in sports. As an inducement to local sprinters, for instance, we put up a beautiful silver cup, known as the Clan Drummond Trophy. It is for the one hundred yard dash and to become a permanent possession, must be won three years in succession. A picture of the cup appears in this issue of the SPINDLE. We will also have a 100 yard dash (open), 220 yard dash (open), two mile race, scratch (open), shot put (open), running broad jump and running high jump. As a fun proposition we are featuring a novelty bicycle race, last man in wins. There will be races for the boys and girls, also the women. Something for everybody.



In the dancing competitions we are pleased to announce the addition of the Sailor's Hornpipe. This is a very fine dance and we feel sure will be enjoyed by all.

To maintain a thorough Scotch atmosphere, so to speak, we have

engaged the Boston Caledonian Pipe and Drum Band, and expect a large following of dancers with this band.

For the soccer fans (mind ye, their on the increase) we will have a football tournament, four teams competing, one from Whitinsville, one from Hopedale and two others who have not yet been decided upon.

We would close our story by repeating our opening assertion—given good weather, the people of hereabouts will be treated to just as fine a field day as they were ever privileged to attend. "Dinna ferget the date—JUNE 27."

Peter Hackett,
Official Clan Scribe.



In a collection of photographic plates which came to us several years ago, there was one of our famous bowler, George Broadhurst of the Main Office, enjoying one of his favorite outdoor sports. We doubt the selection of the place for a successful string of fish, but nevertheless the spot makes a very beautiful setting and those of us who are familiar with the outlying country around the village will recognize the falls at the foot of Carpenter's Pond as they appear every spring. When the water is high this is a very beautiful spot to visit.

Everybody should learn to drive a car, especially those who now sit behind the steering wheels.

Well Known Old Timer Visits the Shops



CHAS. WATJEN

The picture of Mr. Charles Watjen, shown above, will look familiar to most of the older men in the shop. He called at the office May 29, and wished to be remembered to his friends in Whitinsville.

Mr. Watjen came to the shop in 1872 and was afterwards made foreman of the Inside Paint Department, which position he occupied until 1915 when he retired. Mr. Watjen has changed very little in the past ten years and we were glad to see him looking so well.

HOW TO AVOID ACCIDENTS

Keep the working place in a safe working condition.

Materials or tools out of place constitute a menace.

No matter how safe a place may look, find out how safe it is.

Don't pass over danger signals lightly.

Don't hurry in order to get away early.

Don't risk your life or the life of others to save labor. Never attempt to carry a load heavier than you can handle.

Don't disregard others.

Don't roam or idle about machinery.

Don't forget to close all doors as you pass through.

Don't lower or raise elevator until you know the way is clear and gates are closed.—Selected.

The
WHITIN
Spindle



Thomas Frieswyck's Dahlia Garden

JULY-AUG.
1925
Vol. 6 No. 4



Views of Purgatory Chasm

The WHITIN Spindle

VOLUME 6

WHITINSVILLE, MASS., JULY-AUGUST, 1925

NUMBER 4

Purgatory

In a recent article in the Worcester Sunday Telegram describing Purgatory, the writer has made a liberal translation. Of a Latin quotation as follows: "It is easy enough to go down to hell but coming back is some job." This in a nut-shell is descriptive of the experiences of anyone who visits Purgatory and attempts to explore all of its possibilities.

Located in the town of Sutton, miles away from the well-travelled roads, its approach so rough and rock strewn and uneven as to be impassable for almost all types of vehicles, this gash in the face of nature remained obscure and little advertised for many years. Only during the past decade has any effort been made to bring Purgatory under state supervision.

Quoting again from the Worcester Telegram we learn:—

"Since 1919, Purgatory has been a state reservation and each year some work has been done on the road under the direction of the Purgatory Chasm State Reservation Commission consisting of Chairman Josiah M. Lasell, of Whitinsville, Secretary William L. Johnson of Uxbridge and Superintendent Herbert L. Ray of Sutton.

"Little money has been available, something like \$500, and the work has been slow, but with the road fixed up so as to be safe and comfortable for travel, this year a larger appropriation was made and an attractive pavilion has been built, as well as rest rooms.

Other playgrounds Massachusetts has, including mountains, forests and shores, but nothing else like Purgatory. In fact, there is nothing like it in New England, nothing more wild even in the Rocky Mountains. And in that condition it will remain. While the approaches to it have been improved and the comfort of the visitors upon arrival cared for, no attempt has or will be made to improve what Nature has done here. No

changes could improve it. Here Massachusetts has about 100 acres of the wildest, most awe-inspiring country in the state, and just that way it will remain.

That the state took over this wonderful spot is due almost entirely to three men whose homes bordered on its confines, Herbert L. Ray, of Sutton; Arthur E. Seagrave, of Uxbridge, and Josiah M. Lasell of Northbridge.

Appreciating the importance of preserving this, one of the state's grandest spots, they brought the matter before the Legislature, year after year until finally, in 1919, necessary legislation was enacted and appropriation made. The initial tract of land consisted of about seventy acres obtained from the Whitin interests of Whitinsville. The price was actual value of lumber on the tract as set by disinterested appraisers. No charge for land was made."

After the initial tract had been acquired by the state it was found that the Spring, well-known to all visitors to Purgatory, was very close to the boundary line. It was deemed advisable, therefore, to purchase an additional tract of twenty-two acres. Later another tract of eight acres was purchased to take in other interesting spots.

During the past few years much work has been done by the Commissioners in improving the roads, cleaning up the groves and adding conveniences for the comfort of visitors. The gorge itself, however, will be left in its natural state.

Almost every visitor to this interesting spot asks himself how this gigantic upheaval could have taken place and what exerted the tremendous force necessary to split the granite ledge and scatter the fragments. But, as yet, no positive assertion has been made as to the cause. Dr. Hitchcock in his Geology of Massachusetts says:—

"This is an immense chasm and I confess myself at loss to explain

its origin. It is natural to suppose that its sides have been in some manner separated from one another. But I can conceive of no mode in which this could have been accomplished except by a force acting beneath and this would so elevate the strata that they would dip on both sides from the fissure, not toward it. In the vicinity of the fissure, however, the rocks are often exceedingly broken into fragments; and this circumstance indicates some early subterranean convulsion or the agency of troubled waters. I am rather inclined to refer these fragments as well as the fissure, to the long-continued action of the waves of the sea, when the spot was so situated as to form a shore of moderate elevation."

The correctness of the old adage "Familiarity breeds contempt" is never more clearly proven than in the case of Purgatory. Many people travel hundreds of miles to see wonders of nature cleverly advertised by those interested in exploiting them, but this remarkable bit of evidence of some tremendous natural upheaval is to them as a sealed book.

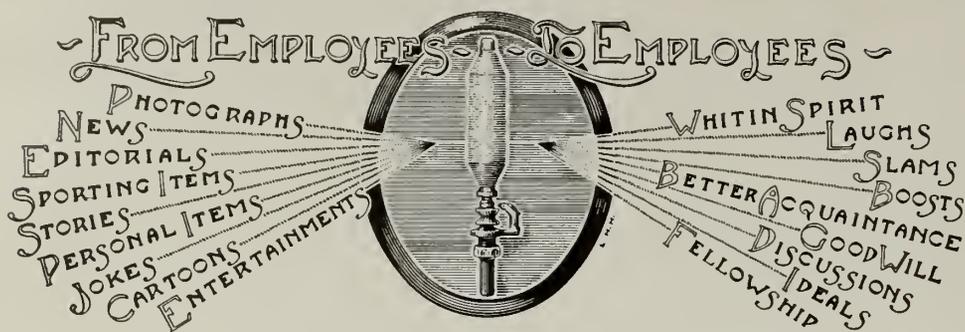
While writing this article we have learned of several men in this vicinity who have never visited Purgatory and venture to say that these are typical of hundreds of others. One man said, "I was born in Whitinsville and lived here all of my life and yet have never seen the place." Another said, "I have hunted foxes through the Purgatory woods many times but never bothered to stop and look at the chasm."

Verily, a place of interest, like a prophet, is not without honor save in its own country.

Don't think a train has passed just because you see its tracks.

The man who is too busy to think of safety may have plenty of leisure in the hospital later on.

Watch where you're going even if you aren't going anywhere.



Published Monthly by Employees of the Whitin Machine Works, Whitinsille, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Preparation

Perhaps you would like to occupy a prominent place: you would like to be honored, looked up to, respected, talented. Suppose today you were offered just the place which you would like to fill. Could you fill it? Are you fit for it? If by some miracle you could be thrown today into the place your heart desires, would you simply dishonor yourself by your awkwardness and unfitness, and be disgraced in the eyes of all who know you?

If you wish a place among the learned, you must fit yourself to occupy a position with the learned. If you wish to fill a place among the wise, you must seek and cultivate wisdom. If you wish to fill a place among the great, you must fit yourself for all that such a position involves. If you would like to be the head of an intelligent and intellectual household, you must cultivate intelligence and intellect. If you would like to be the husband of a noble woman, you must seek to be a noble man. If you would like to be the wife of a learned and cultured man, you must become learned and cultured yourself, so that you would not disgrace him.

When the time comes to fill a position, it is too late to prepare for it.

The preparation must be made in advance. If you have any high ideas or hopes, you should begin to work toward them; for the higher the position of a fool, the more he shows his folly. There are thousands of positions which men covet that they are utterly unable to fill, simply because they have frittered away their time and neglected to do what they might have done to fit themselves for better things.—Texaco Star.

Home Garden Club Exhibit to Be Held September 17

The annual fall exhibit of the Whitin Home Garden Club is to be held in the George Marston Whitin Memorial Gymnasium on Thursday afternoon and evening, September 17. Those who have attended the exhibits during the past three years should plan to attend this year, as the committee has plans under way for a bigger and better show than ever.

The judging will be done in the morning and will be in charge of two members of the Worcester County Extension Service. The exhibition will be open to the public during the afternoon and evening. There will also be an entertainment during the evening, followed by dancing from nine to twelve.

The members of the Garden Club will have their annual banquet in Odd Fellows Hall at six o'clock, and, as in former years, practically all of the vegetables will be supplied by the members of the club.

The committee in charge of the exhibition wishes it to be understood that the privilege of exhibiting is

not confined to members of the Home Garden Club only, but that anyone in Whitinsville having a garden is eligible.

The flower exhibit last year was highly praised, but present indications are that this year's will be even better. First, second and third prizes will be awarded as follows for the flower display—best single gladiola, best collection of six, best collection of twelve; best single dahlia, best collection of six, best collection of twelve; also for the best vase of mixed flowers.

A section is to be reserved for the women to exhibit their canned goods and it is hoped that a large number will take advantage of this opportunity.

Space also will be reserved for the various sections of the club, and a prize will be awarded to the section having the best display.

The chairmen of the various committees in charge of the exhibition are as follows:

H. E. Keeler, reception; F. E. Hathaway, decorating; Fred Burroughs, printing; Jos. Cahill, entertainment; and Gilbert Harwood, supper.

A Man's Job

A man's job is his best friend. It clothes and feeds his wife and children, pays the rent, and supplies them with the wherewithal to develop and become cultivated. The least a man can do in return is to love his job. A man's job is grateful. It is like a little garden that thrives on love. It will one day flower into fruit worth while—for him and his to enjoy. If you ask any successful man the reason for his making good he will tell you that first and foremost it is because he likes his work; indeed, he loves it. His whole heart and soul is wrapped up in it. His whole physical and mental energies are focussed on it. He walks his work, he talks his work, he is entirely inseparable from his work, and that is the way every man worth his salt ought to be if he wants to make of his work what it should be, and make himself what he wants to be.



William Riley

Our Long Service Series

William Riley, a member of the Piping department, is the next veteran in our list of long service men, having completed fifty years of service this month.

Mr. Riley entered the employ of the Whitin Machine Works in August, 1875, starting to work on the Loom job under Henry Warfield. He remained on this job for two years and was then transferred to Cards under Howard Burbank and from there to the Roll job. He later worked for Malcom Burbank on Looms, Oscar Taft on Bolsters and for Benjamin Graves on Pickers. He was next transferred to the Pipe department where he has been employed ever since.

Mr. Riley is receiving congratulations from his many friends on the completion of his fifty years of service. We are glad to welcome Mr. Riley as a member of our fifty year group.

"Native Stock"

"I want a pair of shoes for my little girl," said the mother.

"Yes ma'am," said the shoe clerk, "French kid?"

"Well, I guess not. She's my own child, born right here in Chicago."

Veteran Foreman Retires

John A. Welch, foreman of the Speeder erecting department for the past nine years, retired from active service in the shop in July, due to ill health.

Mr. Welch entered the employ of the Whitin Machine Works in May, 1910, under Benj. R. Graves on Combers. After a short time in the shop he was transferred to the road force, and spent the next few years erecting Combers. He returned to the shop in 1912 and was made assistant foreman of the Speeder department under Mr. Herbert Dyer. On Mr. Dyer's retirement in 1916 he was appointed foreman of the department.

Mr. Welch's many friends in the shop wish him a speedy return to health.



John A. Welch

News from China

We recently received from Phillip J. Reilley, foreign representative of the Whitin Machine Works in China and Japan, the following information regarding the Hong Foong mill one of the successful mills in China which is fully equipped with Whitin machinery, together with the picture shown herewith.



Mr. Shun, the originator of this mill and at present its general manager, is shown to the right of Mr. Reilley. He was formerly teacher in a textile school but now devotes all of his time to the business of running this mill and has worked untiringly to make it a success.

The power plant, which is equipped with a General Electric turbine, is in charge of Mr. Wong, shown to the left of Mr. Reilley. He has had a wide experience in turbines, having worked on them in the States as well as in China. The fourth person in the picture is the engineer in charge of repairs.

The motors in this mill were furnished by the Westinghouse people and the heating apparatus, which is up-to-date, was furnished by the Parks-Cramer Company of Fitchburg, Mass.

"Bunk" Has an Early Caller

"Bunk" Hill, one of the numerous campers on the banks of the Mumford, did not need an alarm clock to waken him in time for work one morning about three weeks ago. A friendly dog paid a visit to the camp between four and five in the morning and while in the act of washing "Bunk's" face he woke him up. "Bunk" had visions of a bear making a social call on them early in the morning but upon discovering his visitor to be nothing more than a friendly dog, his courage returned and the dog disappeared amidst a barrage of shoes and anything else handy.

Whitin Team Still Holds Second Place

The Whitin Machine Works Baseball Team continues to hold onto second place in the Blackstone Valley League, having a slight lead over the Rockdale Mills team. The league is considerably faster now than it was at the beginning of the season and it will be necessary for the team to play the best baseball possible to hold onto the runner-up position. Since the last SPINDLE the team has won ten games and lost nine, two of the wins being over Walter Schuster's fast East Douglas team. A short summary of the games follows.

On Thursday, June 11, the team went to Millbury and had a comparatively easy time, winning by a score of 6 to 1. Millbury was able to get to Murray for six hits, which he kept well scattered.

In one of the weirdest games played on Vail Field this season, the Fisherville team went down to a 10 to 9 defeat on Saturday, June 13. The visitors got off to an early lead but were soon overhauled only to recover the lead and lose out in the late innings. Hard hitting together with a generous supply of passes helped account for the ten runs.

The fast Douglas team came to Vail Field on Thursday, June 18, winning by a score of 12 to 7. The Whitin team got the jump in the first inning when they scored five times, but were unable to hold this lead. Schuster's sluggers got to Murray and Vincent for fifteen hits, a number of them for extra bases. Hadley, playing center field for Douglas, hit three triples.

On Saturday, June 20, the boys took Rockdale into camp in a well played game, 3 to 2. Vincent allowed Rockdale but five hits, while all Whitins could get off Donais was six. Whitins scored one in the first and were blanked until the ninth when they scored twice and put the game on ice.

The team lost to Millbury in Millbury on Saturday, June 27, 9 to 8. The home team piled up eight runs off Vincent and Connors in the first three innings, but could do nothing with Liberty, who finished up the

game. The boys tied up the game in the ninth but lost out when Millbury got two of their three hits off Liberty in the last inning.

On Thursday, July 4, the team went to Fisherville and was defeated 8 to 4. Poor work in the field was the main cause of this defeat, although Liberty was hit quite freely at times.

Everyone in Whitinsville was happy on the morning of the fourth of July, when the boys defeated the fast Douglas team after a tight struggle, blanking them 3 to 0. For the first time this year the team had an outside battery with O'Connor of St. John's Prep on the mound and Whelan of Holy Cross behind the bat. O'Connor pitched a steady game, setting the sluggers from Douglas back with but six hits.

Douglas took the afternoon game in Douglas, 7 to 3, but had Lovely been accorded the support given O'Connor in the morning game also. Clancy of Douglas proved to be the star of the afternoon game, with a single, double and a home run to his credit.

The Douglas team followed up their win of the afternoon of the fourth with another victory on Thursday, July 9, by a score of 10 to 2. They touched up O'Connor for a total of thirteen hits, which with five errors helped to pile up their ten runs.

The boys lost their third straight game on Saturday, July 11, when Rockdale defeated them 6 to 2. Both teams got nine hits but Rockdale bunched theirs while Donais kept the Whitin hits scattered.

On Thursday, July 16, the team went to Millbury and broke their losing streak with a 7 to 5 win. The game was close all the way and was featured by Harry Kearnan's hard hitting and the fielding of Tip O'Neil and George Hartley.

On Thursday, July 23, Fisherville defeated Whitins 9 to 6 in a game featured by the heavy hitting of both teams.

The Douglas team was defeated for the second time this season on Vail Field on Saturday, July 25, by a score of 6 to 3. Whitins had men on bases in every inning but

could not come through with the needed base hits until late in the game. Hughes, who had been pitching good ball in the pinches, was removed in favor of Birch, who was retired in favor of Hadley after four runs had been scored off his delivery.

Rockdale won a hard fought game in Rockdale on Friday, July 31, in a pitcher's battle between Donais and Clancy, each team securing but four hits. Clancy hit one of the longest home runs ever seen on the Rockdale field in the eighth inning, for our only tally.

On Saturday, August 1, the boys lost a tough game to Millbury. Going into the ninth inning they had a three run lead only to see Millbury come back with four runs to win the game, 7 to 6.

Uxbridge lost their fourth game to Whitins on Friday, August 7, when Clancy let them down with two hits. Seven errors by the Uxbridge infield helped materially in the scoring of Whitins' four runs. Fielding features were contributed by Kearnan, O'Neil and McGuire.

On Saturday, August 8, Fisherville was defeated in Fisherville 11 to 5. The team touched up Mulrennan of the Boston Twilight League for fifteen hits and had little trouble in piling up their runs, every player getting at least one hit.

The league standing and batting averages up to the week ending Saturday, July 8, are as follows:

LEAGUE STANDING

	W.	L.	%
Douglas	23	4	.852
Whitins	14	12	.538
Rockdale	13	12	.520
Millbury	11	16	.407
Fisherville	10	17	.370
Uxbridge	5	22	.185

BATTING AVERAGES

	AB	R	H	%
Kearnan	98	29	44	.449
Sullivan	13	1	5	.385
Hartley	76	13	25	.329
Crawford	17	1	5	.294
Trinnier	21	2	6	.285
Clancy	11	3	3	.272
O'Neil	104	16	28	.269
Steele	50	6	13	.260
Leonard	115	23	29	.252
McGuire	99	12	10	.192
Whalen	48	2	9	.188
Murray	25	4	4	.160
O'Connor	19	2	3	.153
Carroll	40	2	4	.100
Vincent	16	0	0	.000

Close Race in Sunset League

Foundry Team in Lead

The fight for first place in the Sunset League this year is the closest in the history of the league. At the present time the Foundry is leading the Spinning and Speeders by a close margin, but with a number of postponed games still to be played, the winner will be in doubt until the last game is played. All three teams are confident of winning the championship and some close battles can be expected before the winner is decided. The Foundry, with McKee, Hartley and Kearnan doing the twirling, seem to be the strongest at present, but the Spinning feel that Steele and Postma can hold up their end, with the Speeders depending on Connors and Ashworth.

The Yard team have given the three leaders many close battles but have yet to win a game. At present their losing streak has run up to ten, but they may upset one of the leaders before the season ends.

A short summary of the games played since the last SPINDLE follows:

On Monday, June 15, the Speeders defeated the Yard in a close game, 9 to 8. Campo allowed the Speeders eight hits, but these, together with a number of passes and a few errors, accounted for the nine runs. The Yard staged a four run rally in the sixth inning but fell one short of tying it up.

The Foundry team lost to the Spinning in a well played game on Wednesday, June 17, 4 to 3. With the score tied at three all in the eighth, Hall singled and Steele scored him with a triple, winning the game.

On Monday, June 22, the Foundry entered the win column defeating the Yard 5 to 4. Although the Yard outhit the Foundry, eleven to six, the Foundry made their hits when they meant runs. Good fielding by Britton cut off at least four Foundry hits.

The Yard continued its losing streak when the Speeders defeated them on Wednesday, July 8, 3 to 1. The Yard could do nothing to Con-

nors with men on bases, getting but five hits. Both teams played errorless ball and all of the runs scored were earned.

The Spinning team was defeated for the second time this season on Monday, July 13, losing to the Speeders 8 to 3. The Spinning, with Johnnie Steele in the box, were out for a win, but two hits, three errors and a base on balls accounted for four runs and the ball game in the eighth inning.

With "Sally" Jones in the box, the Foundry defeated the Spinning on Friday, July 17, 5 to 4. With the score tied at four all in the seventh inning, "Sally" came through with the hit that won the ball game.

The Yard lost another close game on Wednesday, July 15, 3 to 1. McKee pitched for the Foundry and set the Yard team back with only two hits, the only run scored against him being the direct result of an error. The hitting of Simmons accounted for all of the runs scored by the Foundry.

The Yard kept up their losing streak when they were defeated by the Spinning on Monday, July 20, 5 to 0. Postma allowed them only four hits and only twenty-five men faced him in the seven innings. This game was featured by the hitting of Steele and the fielding of Britton and Nash.

The Foundry kept up its winning streak on Wednesday, July 29, defeating the Spinning 5 to 3. Hartley, pitching his first game for the Foundry, held the Spinning scoreless for six innings but was touched for three runs in the seventh, which tied it up, but the Foundry came through with two runs in the eighth for their fourth straight win.

On Monday, August 3, the Foundry won their fifth straight game, defeating the Yard 8 to 2. McKee was on the mound for the Foundry and the Yard got but three hits off his delivery. Britton's fielding, Hartley's hitting and McKee's pitching and hitting featured this game.

The Foundry team kept up its winning streak on Monday, August 10, setting the Speeders back 4 to 1. It was a pitchers' battle for six

innings but Connors of the Speeders, after holding the Foundry hitless for the first six innings, weakened in the seventh and allowed four hits, which coupled an error allowed the Foundry, to score their four runs.

The Yard lost its tenth straight on Wednesday, August 12, when they fell before the Spinning 10 to 3.

The league standing and batting averages are as follows:—

LEAGUE STANDING

	W.	L.	%
Foundry	6	2	.750
Speeders	5	2	.714
Spinning	6	3	.667
Yard	0	10	.000

BATTING AVERAGES

	AB	R	H	%
Lozier	22	4	11	.500
Steele, J.	20	3	9	.450
Smith, E.	16	2	7	.437
Connors	5	1	2	.400
Walsh	24	6	9	.375
Donovan	8	1	3	.375
McGuire, F.	17	2	6	.353
Simmons	19	4	7	.368
Corron	23	4	8	.347
Brennan	20	5	7	.350
McKee	21	3	7	.333
Carrol	18	5	6	.333
Steele, W.	18	4	6	.333
Malgren	9	1	3	.333
Postma	25	7	8	.320
Ashworth	19	4	6	.316
Jackman	13	1	4	.307
O'Neil	27	9	8	.296
McGuire, C.	17	0	5	.294
Buma, S.	21	3	6	.286
Jones	18	5	5	.277
Hayes	22	2	6	.273
Hall	27	7	7	.259
Johnston	12	2	3	.231
Nash	22	5	5	.227
Wallace	22	1	5	.227
Campo	23	4	5	.217
Crawford	23	4	5	.217
Britton	24	1	5	.208
Keeler	20	3	5	.200
Ballard	16	5	3	.187
Hartley	11	4	2	.182
Smith, F.	18	2	3	.167
Veau	24	4	4	.167
Clark	18	2	2	.111
Benoit	15	1	1	.067
Buma, P.	8	0	0	.000
Sullivan, J.	5	0	0	.000

Tom Colthart has already completed plans for a Soccer League among the schoolboys in the fall. Tom is well versed in Soccer and plans to coach the youngsters as well as supervise the league. This should mean that some good soccer players will be developed in Whitinsville.

Promotions During Month of August

There have been three promotions among the personnel of the shop during the month of August. Fred Kingston has been made foreman of the Speeder department, succeeding John A. Welch, who has retired, and Samuel Cleland appointed foreman of the Card Clothing job, succeeding J. A. Parsons. George Armston, of the Speeder job, has been made assistant foreman of that department.



Fred Kingston

Fred Kingston entered the Whitin Machine Works in December, 1909, and started to work for Joseph Schofield on Cards. He was later transferred to David Marshall on Dobbies and from there to the Speeder department. After a short time in this department he was transferred to Pickers and from there was sent on the road erecting Speeders, Cards and Pickers. He entered the service during the world war and on his discharge was again employed on the Speeder job. He was appointed assistant foreman of the department in July, 1919, and made foreman on August 4, 1925.

Samuel Cleland started to work in the shop in 1902 for Oscar Taft. He worked for Mr. Taft until March, 1903, when he went outside to work. He returned to the shop in August, 1906 on the Card Clothing job under



Samuel Cleland

J. A. Parsons, and has been employed on that job since that time. He was made assistant foreman of the department in 1914, and foreman on August 4, 1925.

George Armston began working for the Whitin Machine Works in May, 1910, on the Speeder job under Mr. John O'Brien. After spending a few years erecting Speeders he was sent out on the road, where he was employed for the next eight years. With the exception of a short time spent in the Experimental Room, all of Mr. Armston's time in the shop has been spent on Speeder work. He was made assistant foreman of the department on August 4, 1925.



Geo. Armston

"Out in the Great Open Spaces"

For a pair of hunters who served their apprenticeship under the expert direction of "Sally" Jones, one would think it quite a hard job to lose Louis Veau and Ray Meader in the country surrounding Whitinsville.

The above mentioned pair recently went on a berrying trip not so far from the town farm and after filling their pails started looking for their machine. After walking around for a few minutes Ray asked Louis the following question, "Louis, are you sure this is the right way out?", to which Louis answered, "Don't get nervous Ray, I know this place like a book." He may have known the place like a book, one of his friends was heard to remark the next day, but after wandering about for more than an hour and a half the pair finally arrived at a familiar spot near Burt's Pond, and continued their stroll from there to the town farm.

We understand their wives were getting nervous late in the evening over their failure to appear and were contemplating sending out a searching party after them.

¶ We would advise "Sally" to go along with this pair in the future or they may get lost some time.



The above photo was brought in to us by C. C. Miller of the Flyer job, and shows the famous "Big Rock" at Taftville, Conn. Mr. Miller informs us that there are at least seventeen different heads and figures on this rock.

If profanity cannot—increase production, develop quality, demand respect, bring on promotion—then why use it?

Whitin Community Swimmers Make Good Showing at Boston Meet

July fourth was the great day for the Whitin Intermediate Swimming Team, which distinguished itself in the New England A. A. A. U. Races, held at the Charles River Basin, in Boston. These races are always popular with the Swimming Clubs in the New England District.

Last year there were a few entrants from the Whitin Community Association, but not enough to impress the swimming fan, and consequently the Whittinsville observer heard with interest, the comments as to where Whittinsville was located. They persisted in calling it Whittinsville.

It became embarrassing as well as a source of pride to Mr. Brines to announce a first, second or third place won by one of our swimmers in each race they participated in. As Mr. McGrath, the Official Handicapper said, "We ought to take the megaphone away from Brines; he is getting too much advertising out of this."

Those who read the Boston papers the next morning got a thrill when they saw that little Joan McSheehy, eleven years of age, came in second in the New England Championship Mile Swim for women, the big event of the day, won by Delna Carlstrom who represented New England so well recently in Detroit.

Margaret McSheehy won third place in the 220-yard handicap, only losing second place by a very small margin after swimming from scratch.

Constance McSheehy got second place in the 100 and Joan second in the 50.

Arthur Broadhurst was a close second in the 50-yard swim for boys of fourteen and under.

Carrington Noel won third in the 440-yard handicap. Jack Brines won the 100-yard handicap and as he had already won another 100-yard handicap that morning at Brookline, it made two races won by him that day.

At the end of the Meet, Whittinsville stood with more points to its credit than any other club which entered.

"The Big Splash"

On Saturday, July 18, occurred the first Annual outdoor "splash" under the auspices of the Whitin Community Association at Picnic Point. The weather man was unusually good on this day and for the first time in many weeks there was no thunder shower.

The raft with the buoys lining the course had been especially arranged under the supervision of Mr. Leon Houghton, a member of the Swimming Committee.

The crowd on the bank viewing the races numbered close to 1200. Following is a list of the events: 1. Tilting, 2. Canoe Race, 3. Sea-Horse Race, 4. Life Saving Exhibition, 5. Ice Cream Cone Race, 6. Underwater Exhibition, 7. Balloon Bust, 8. Serious Races.

The occasion was a great success and from the opening competition in Tilting and Canoe Racing until the final Moving Picture at night, there was something doing every minute. It is hard to say which event was the most popular. Certainly everyone got a lot out of the fine exhibition of Life Saving that was given by the boys and girls of the Whitin Community Association under the supervision of Miss Calhoun, Mrs. Kirby Hall, Mr. Albert Porter and Mr. Peter Houghton.

The Sea-Horse Race proved to be so popular that it was hard to finish the race, so numerous were the demands for the opportunity to ride upon Neptune's steed.

Arthur Ashworth and his companion, Mr. Boutilier, were the successful wielders of the padded lance, managing to dump the other canoists into the water, much to the delight of the crowd upon the bank. They also won the canoe race for men. Catherine Munt and Lucia Bates won the canoe race for women.

The Candle Race was changed to an Ice Cream Cone Race, because of the strong wind which was blowing. This was also popular and those in charge of the ice cream reaped a harvest from this race. Every boy and girl who could possibly get under the wire in time to enter, did so.

Some of them showed what sports they were and ate the ice cream before the race started, thus being sure of that much reward.

The Balloon Bust was a beautiful sight, with the many colored balloons and the dodging back and forth in the water.

Carrington Noel's wonderful exhibition in the Underwater Swim was questioned by some of the doubtful onlookers. One credulous observer insisted that he was under the water nearly six minutes, and all the boys and girls who were hiding under the raft, vow they did not see him there. It was a good stunt just the same and well pulled off.



Finish of Canoe Race

Supper hour brought with it a picnic spirit which went far to make the day a success. It was indeed a gratifying sight to see the many families seated together enjoying their picnic lunches, trading sandwiches, cakes and olives with their neighbors and laughing heartily over someone who had spilled the olives or just escaped sitting on the blueberry pie, which a thoughtful mother had brought along as the prize piece of the picnic.

Then came the singing and movies. Perhaps the movies did not equal those we see at the Strand or the Orpheum but they were movies and real ones too, and they answered the question many had asked, "How in the world can they have movies at a picnic?" Not only can they do it, but they will do it again and do it better. The whole affair was merely a starter, and next year let's make it a bigger and finer blow-out!

Without the Key to the Situation

George Newbegin and Frank Fowler of the Blacksmith Shop took a trip to Crescent Park recently to see the sights and enjoy one of the famous "New England Shore Dinners" at that resort. Everything went along fine until the hour arrived to make the return trip to Whitinsville. Mr. Newbegin tried in vain to start his car and after a careful examination found that the transmission was locked and no key was to be found. He soon got in touch with Mort Carr and explained to Mort where he would find a key in his house. Some of the neighbors thought Mort was trying to break into Newbegin's house when he was spotted climbing through a window and there was a little excitement until Mort had explained things satisfactorily. Mort turned over the much sought after key to West Brown, who carried it safely to Crescent Park. Moral—"Don't spring the lock until you're sure you have the key."



"Al and Sam in the wilds of Maine"

Gym Swimmers Give Exhibition

The swimmers from the Gymnasium assisted at a Swimming Exhibition given on the grounds of Mr. C. A. Root of Uxbridge, on August 10. The following are the events and the people who took part in each:

Diving—Agnes Donahue, Margaret McSheehy, William Todd and Jack Brines.

Exhibition Swimming and Diving—Dorothy McSheehy, Joan McSheehy, Marion Bogie, Millicent Cramp, Mary Stevens, Eleanor Stuart and Betty Parker.

Life Saving and Swimming—Carrington Noel and Jack Brines assisted Captain John Wallace, of the Massachusetts Red Cross, in retrieving William Baszner and James Stevens from the bottom of the pool.

Exhibition Relay Race—Bert Malkasian and Carrington Noel against Jack Brines and John Pawloiski.

Summer Gym Membership Successful

The idea of Summer Membership at the Gymnasium has proved successful; sixty-two persons having taken advantage of this exceptional opportunity to enjoy the privileges of the showers and swimming pool.

The summer schedule has been a heavy one for those in charge of the swimming but they were delighted with this opportunity to boost swimming as a sport and as a necessity. A good number have learned to swim during the summer and several have entered upon the course in Life Saving.

During Miss Calhoun's absence the swimming for women has been in charge of Miss Birchall who is a student at the New Haven Normal School of Physical Education.

During the month of July, 1762 people used the swimming pool. This makes an average of 65 each day.

Albert Hasson of the Spinning job, together with Sam Brown, who can be found selling his wares in the front of the shop any morning or noon, spent the greater part of the month of July on a fishing trip up in the Maine woods, during which time the pictures shown on this page were snapped. Al informs us that Sam caught forty-four Rainbow Trout in the short space of half an hour, and added that Sam told his Maine friends that he wouldn't dare tell of this exploit to anyone in Whitinsville because he would not be believed.

The straight stretch of road shown in one of the pictures is part of the old state road from Bangor to Fort Camp and was used for travel before the railroads were built in that section of Maine. This particular stretch goes for thirty miles without a turn.

Sam had such a good time this year he is looking forward to spending a part of next summer up in the wilds of Maine.

Mid-Year Inspection and Awarding of Prizes by Whitin Home Garden Club

The annual mid-summer inspection and judging of the gardens and potato patches of the members of the Whitin Home Garden Club was held on Tuesday, July 14th. With over one hundred and fifty gardens to be judged, it was no easy task for Mr. Herbert L. Reiner, assistant agricultural agent of the Worcester County Extension Bureau, to determine the various prize winners.

The variety gardens were judged on the basis of forty points, ten points for variety, ten points for value and twenty points for condition. The potato patches were judged on a basis of forty points.

William Sproat of the plumbing department had, without doubt, the best garden, with a rating of thirty-six points. Mr. Sproat's garden was in the very best of condition and

had a greater variety of produce than any of the other gardens.

First prize for the best potato patch was awarded to James McQuilken, with a rating of thirty-seven points. Henry A. Graves, winner of second prize, was a close second with a total of thirty-six points.

Mr. Reiner complimented the members of the Garden Club on the condition of the gardens, and predicted a good crop of potatoes if they escaped the blight which had appeared in other sections of Worcester County.

Mr. Reiner was assisted by H. E. Keeler, President of the Garden Club, Klaus Dufries and Gilbert Harwood, members of the Garden Club, and James McRoberts.

The list of prize winners is as follows:—

TAYLOR HILL			
Lot No. 1	Garden No. 5	34 points	Joseph T. Cahill \$1.00
Lot No. 2	Garden No. 16	29 points	Theodore Larson 1.00
Lot No. 3	Garden No. 26	32 points	A. M. Meader 1.00
Lot No. 4	Garden No. 40	36 points	William Sproat 1.00
Lot No. 5	Garden No. 71	32 points	John Martin 1.00
Best garden on Taylor Hill—Garden No. 40			William Sproat 1.00
NEW FAIRLAWN			
Garden No. 15	33 points		Andrew Buwalda \$2.00
OLD FAIRLAWN			
Garden No. 2	35 points		Gilbert Harwood \$2.00
CRESCENT STREET			
Garden No. 5	32 points		William Walsh \$2.00
BRICK SCHOOL			
Lot No. 1	Garden No. 3	23 points	W. M. Smith \$1.00
Lot No. 2	Garden No. 12-14	33 points	Simon Platukis 1.00
Lot No. 3	Garden No. 36	31 points	C. L. Chadbourne 1.00
Lot No. 4	Garden No. 60	32 points	A. Carriere 1.00
Best garden at Brick School—Garden No. 12-14			Simon Platukis 1.00
RESERVOIR			
Garden No. 4	29 points		J. Grignon \$1.00
BEST POTATO PATCHES			
1. Garden No. 3	Jas. McQuilken	37 points	Taylor Hill \$3.00
2. Garden No. 7	Henry Graves	36 points	Taylor Hill 2.00
SPECIAL PRIZE FOR POTATO PATCHES SCORING 35 POINTS			
Garden No. 4	John Steele		New Fairlawn \$1.00
Garden No. 10	Robert Smith		New Fairlawn 1.00
Garden No. 18	Robert Gusney		New Fairlawn 1.00
Garden No. 9	Frank Martineau		Old Fairlawn 1.00
Garden No. 9	Pat McDonough		Brick School 1.00
Garden No. 50	Joseph Boulay		Brick School 1.00
TWO BEST GARDENS			
1. Garden No. 40	William Sproat	36 points	Taylor Hill \$5.00
2. Garden No. 2	Gilbert Harwood	35 points	Old Fairlawn 3.00



The mystery picture this month should be readily recognized by the old-timers in the shop. If the original of this picture wishes to possess the photograph, the present owner is willing to let him have it. Application can be made at the Employment Department.



As an evidence of application and ability on the part of the workman and of faithfulness on the part of his instructors, this example of wood carving speaks for itself. It was done by one of our apprentices, Lawrence Gilmore, and is something which he and the shop can be proud of.

The basketball fans of Whitinsville will be pleased to hear that plans are already under way to have the Northbridge High School home games played on the Whitin Community Association floor this coming season. The limited floor space at the school makes it impossible to accommodate the large number of fans who have been desirous of seeing the games in the past, but there will be room for all at the gym.



PRIZE GARDENS

Gilbert Harwood, Old Fairlawn; Jos Grignon, Reservoir; Andrew Buwalda, New Fairlawn; James McQuilkan, Taylor Hill; William Walsh, Crescent Street; William Sproat, Taylor Hill; Simon Platukis, Brick School.



The
WHITIN
Spindle



Gladioli on Exhibition at Whitin Home Garden Show

SEPT.-OCT.
1925
Vol. 6 No. 5



Dione Setzer

Nowaday Mac

Henry Setzer 2:10¹/₄

Mr. C. W. Lasell with Nowaday Girl 2:08³/₄

Atlantic Express 2:07¹/₄

Duster 2:21³/₄ (First Trotter at Farm)

Fred Wilkes 2:13¹/₄

Oakhurst Farm

Oakhurst Farm, located about two miles from Whitinsville, is owned by Chester W. Lasell, president of the Whitin Machine Works, and one of the best-known horsemen in New England. It has long been known as one of the leading racing stables in the east, having produced many horses of note. For the past few years, however, most of the time has been devoted to the breeding industry, and at present it is probably the leading breeding farm in New England.

Mr. Lasell's interest in the racing game dates back to 1899, and since that time, many well-known horses have been raised and driven by Mr. Lasell, as well as others that have been purchased from time to time.

Rubenstein, with a record of 2.05 for the mile, was the forerunner of a long string of good horses which were destined to make a name for Oakhurst Farm in the racing game.

The next horse to come into prominence was MacDougal, 2.10 $\frac{1}{4}$, the first of three great sires, who was at the farm until a few years ago, when he was sold.

He was followed by Henry Setzer, 2.10 $\frac{1}{4}$, who was purchased by Mr. Lasell in 1909, and who has been in stock since, making his record as a four-year-old. Henry Setzer is the



C. W. Lasell

sire of some of the most noted colts produced at the farm, the best known being Henry Todd, 2.10, winner of numerous stakes as a three-year-old, including the championship Starting Stake, and Nowadays Lass, 2.09 $\frac{1}{4}$.

A few of the best known racers purchased by Mr. Lasell, were Terrill S, 2.08 $\frac{1}{4}$, Judge Lee, 2.08 $\frac{1}{4}$, Elinagro, 2.09 $\frac{1}{4}$, Neuzell, 2.06 $\frac{1}{4}$, and Creighton, 2.09 $\frac{1}{4}$. Others with good records were purchased, but space does not permit us to mention them all.



Edward Thomas

The third great sire at the Lasell stables, and probably one of the greatest in the country, is Atlantic Express, 2.07 $\frac{1}{4}$. Atlantic Express was the sire of the mare Netter, holder of the world's record of 1.58 for the mile, and also of numerous trotters with records of 2.05 or better.

Oakhurst Farm is composed of about two hundred acres, a large part of which is pasture and wood land. It is a well equipped farm, having all of the barns necessary for a good racing stable, together with a fine half-mile track, which has been the scene of many good races.

Three of the men employed at the farm have been with Mr. Lasell for a number of years. John White first started to work at the farm in 1899, and in 1900 was made superintendent, a position he has held since that time. Edward Thomas has been at the farm for the past twenty-three years and Fred Tucker for seventeen years.

In a brief article it is impossible to give a history of the many famous horses which have represented the Lasell Stables on the tracks of this country. Some of these have been mentioned above, but if a complete list should be published it would look like the register of the Hall of Fame. Most men like horse racing and all the citizens of this town are proud of the fact that Oakhurst Farm is located in Whitinsville and of the horses that have been trained there.

It was said at one time that Kentucky was noted for three of its products, beautiful women, good horses and a certain beverage popular

Continued on page 16



John White



Fred Tucker

Interesting Facts About Cotton

George Gannon of the Drafting Room continues his article on the "Romance of Cotton Machinery" with an interesting description of the principles of the cotton roving frame.

The first article of this series contained a detailed study of the variations in the speed of the bobbin to compensate for its increase in diameter as more roving is wound on and we shall now study the design of the parabolic cones which are the source from which this change in speed comes.

Fig. 22 is a gearing diagram of a roving frame and the position of the top and bottom cones in the mechanism can easily be seen.

The top cone is driven by gearing from the main shaft and it rotates at a constant speed. The bottom cone is driven by the top cone at variable speed which depends upon the position of the belt connecting them.

When the bobbin is empty it rotates at its highest speed and the speed decreases as the diameter of the bobbin increases. In Fig. 22 the belt is shown on the cones in the empty bobbin position. After each layer is wound on the bobbin the belt is shifted automatically by the builder motion so as to slow down the revolutions of the bobbin to keep the amount wound on equal to the amount delivered by the front rolls.

To design a pair of cones the following known members must be decided upon.

1. The diameter of the bobbin when empty.
2. The diameter of the bobbin when full.
3. The small diameter of the cones.
4. The large diameter of the cones.
5. The speed of the top cone.
6. The length of the cones.

We shall now derive a general formula which can be used in calculating the diameters of the cones for the speeds desired to suit the various bobbin diameters.

We shall now design a pair of cones

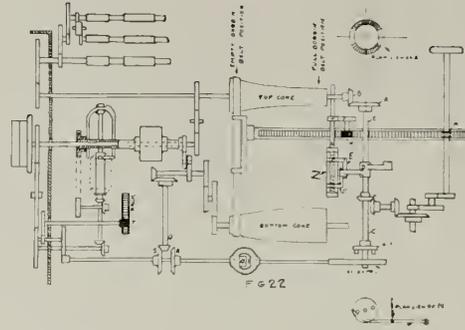


FIG 23

DIAM OF BOBBIN	INVERSE RATIO $\frac{RPM \text{ TOP CONE}}{RPM \text{ BOBBIN}}$	RPM OF BOBBIN	DIAMETER OF BOTTOM CONE	DIAMETER OF TOP CONE
1	1	1 x 180 = 180	3	6
1 1/2	3/2	3/2 x 180 = 45	3.46	5.58
2	2	2 x 180 = 120	3.87	5.15
2 1/2	3/2	3/2 x 180 = 108	4.2	4.8
3	3/2	3/2 x 180 = 90	4.5	4.5
3 1/2	4/3	4/3 x 180 = 80	4.76	4.24
4	4/3	4/3 x 180 = 72	5	4
4 1/2	4/3	4/3 x 180 = 65.4	5.21	3.79
5	3/2	3/2 x 180 = 60	5.4	3.6
5 1/2	4/3	4/3 x 180 = 55.4	5.57	3.43
6	3/2	3/2 x 180 = 54	5.72	3.28
6 1/2	4/3	4/3 x 180 = 48	5.87	3.13
7	2	2 x 180 = 45	6	3

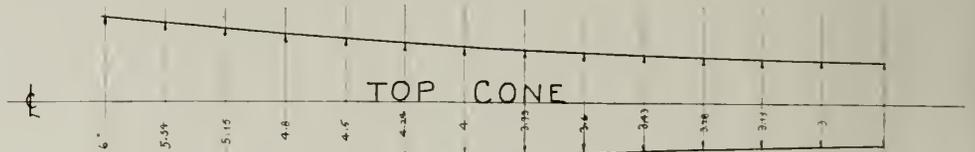
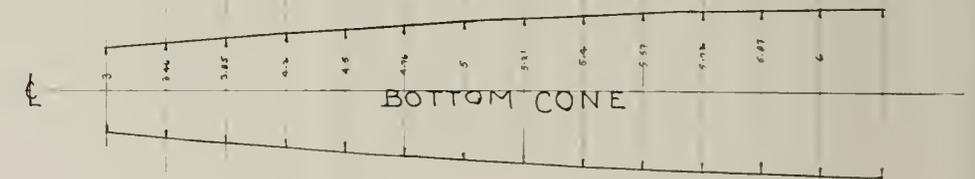


FIG 24



by using the inverse ratio method to find the required speed of the bottom cone and the formula $R = \frac{TK}{B + T}$

the solution of the respective cone diameters. For simplicity we shall forget the gearing between the bottom cone and the bobbins since its ratio does not enter into or affect the design of cones.

A bobbin is one inch diameter when empty and 4 inch diameter when full. The top cone has a constant speed of 90 R. P. M. hence the bottom cone will rotate at 180 R. P. M. if we design cones with a minimum diameter of 3 inches and a maximum diameter of 6 inches. The effective length of the cones is 24 inches. The solution of these cone diameters is shown in the chart of Fig. 23 and the layout of the cones with these dimensions is in Fig. 24. In Fig. 24 the length of the cones is divided into 12 equal spaces since there are 13 points calculated in

the bobbin diameters. It is well to note that the top cone is concave and the bottom cone is convex in shape, giving parabolic curves to the cone contours. Hence the common name PARABOLIC CONES. If these cones were not parabolic but were rectilinear, then they would give the correct empty and full speeds to the bobbin but the even movements of the belt along the cones as given by the builder motion would not give the correct speeds at intermediate points along the cones.



Paul Rossiter Joyce



Wm. J. Foster

Four New Forty-Year Men

During the past few months four more of our employees have been added to the list of forty-year service men: William Foster, foreman of the Chuck job; John A. Wood, foreman of the Spooler job; George L. Gill, foreman of the Roll job; and Edward McGuire of the Spinning Erecting job.

William J. Foster, foreman of the Chuck job, entered the shop in July, 1885, and was first employed on the Planer job under his father, Robert Foster. Mr. Foster started on his



John A. Wood

time in 1886 under David Smith on railway heads, and was employed there for the full three years. On the completion of his apprenticeship he worked for Mr. Smith for a year and was later transferred to Remington and Burbank on Spinning. When Mr. Burbank was put in charge of the Loom job, Mr. Foster was transferred to that department as a tool maker and was later made assistant foreman. He was made foreman of the department in 1914, upon the retirement of Mr. Burbank, and remained there until 1921, when he was transferred to the Chuck job to act as foreman of that department.

John A. Wood entered the Whitin Machine Works as an apprentice in



Edward McGuire

September, 1885, under Remington and Burbank on Spinning. He was later transferred to Cleveland on Spoolers and from there to Graves on Pickers. In April, 1888, Mr. Wood was transferred back to the Spooler job where he has been since that time. On the death of Mr. Cleveland, in 1904, Mr. Wood was appointed foreman of the department.

Edward McGuire came to the United States from Ireland in 1883. He entered the employ of the Whitin Machine Works in September, 1885, working on the outside for about two years. He was later transferred to the Spinning Erecting department under Charles Pollock, on which job he has been since that time. During his stay on the job he has worked for



George L. Gill

Thomas Crompton, Sr., as well as Mr. Pollock and the present foreman, Frank Bates. Mr. McGuire is unable to be at his work at the present time, due to an attack of rheumatism. We hope he will be able to return to work at an early date.

George L. Gill, foreman of the Roll job, entered the Whitin Machine Works in September, 1885, starting to work on the Spindle job under Henry Woodmancy. He was later transferred to Fred Houghton on Drawing, and from there to Heath on gears. After a short period on Mr. Heath's job he was transferred to the Tool job under Herbert Barnes, and from there to the Roll job under B. L. M. Smith. He was made assistant foreman of the job in 1896, and on the retirement of Mr. Smith in March, 1907, was appointed foreman, which position he still holds.

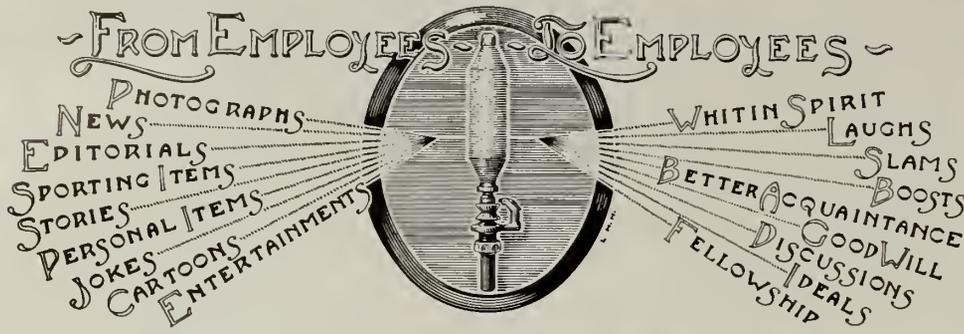
KINDNESS

One never knows
How far a word of kindness goes;
One never sees
How far a smile of friendship flees.
Down through the years
The deed forgotten reappears.

One kindly word
The souls of many here has stirred.
Man goes his way
And tells with every passing day,
Until life's end:
"Once unto me he played the friend."

We cannot say
What lips are praising us to-day.
We cannot tell
Whose prayers ask God to guard us well.
But kindness lives
Beyond the memory of him who gives.

—EDGAR A. GUEST.



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

Illustrator, L. H. Horner

Loyalty

Loyalty is that form of unselfishness and devotion to friend and to fellow-man which makes organization of any sort possible. It is the basis of business success, the foundation of the home, of the church, of the state, and of society itself.

Loyalty in business is evidenced by a man's becoming a real part of the organization with which he is connected; by his being fair and square in all of his dealings with his associates, and by his exerting a whole-hearted effort toward the general success.

The loyal worker is the man who is heart and soul with the organization, because he knows that his welfare is bound up in the success of the business.

The loyal employer is the one who is heart and soul with his workers, because he knows that his success depends upon their co-operation.

The dishonest man cannot be loyal, for loyalty is honesty. The grumbler cannot be loyal, for loyalty is unselfishness. The unfaithful man cannot be loyal, for loyalty is fidelity.

The man who is loyal who does not recognize his dependence upon his fellow men and their dependence upon him—that great interdependence which is one of the laws of life.

No man is loyal who does not fully understand that unfairness or injury to any of his fellows can only result in ultimate injury to himself.

No man is loyal who is not true to his better self.

Former Employee Visits Shop

Mr. Howard P. Norton, who served his time in the shop forty-five years ago, was a visitor in Whitinsville during the early part of October. He entered upon his apprenticeship in February, 1880, and completed it in March, 1883. During the first year he worked on cards for Howard Burbank, the second year on spinning for Remington and Burbank, and the balance of the time for Benjamin R. Graves on Pickers. For a time he also served as second hand to Mr. Graves. He terminated his service here in December, 1883.

After leaving the shop Mr. Norton established a business in Brockton,



Howard P. Norton



Timothy Nutter

Promoted Foreman of Electrical Dept.

Timothy Nutter, formerly employed in the power house, was appointed foreman of the Electrical Department to succeed E. T. Gilman, who resigned in September. Mr. Nutter entered the employ of the Whitin Machine Works in 1900 as an electrician under Harry Hazelton. He worked for Mr. Hazelton for two years and was then transferred to the power house where he was employed until his recent promotion. The SPINDLE offers its congratulations and wishes him success in his new position.

which he conducted for a number of years. He disposed of this and went to Newport where he was employed in the Naval Torpedo Station until his retirement at the age of sixty-five. During the last four years of his service there he was "Leading Man," which, in the government service, means the same thing as foreman.

Mr. Norton was the guest of Mr. Graves during his stay in Whitinsville.

Nothing is easier than faultfinding—no talent—no self-denial—no brains—no character are required to set up in the grumbling business.

— Robert West.

Whitin Home Garden Club Show

The annual exhibition of the Whitin Home Garden Club was held in the George Marston Whitin Memorial Gymnasium on Thursday afternoon and evening, September 18. The garden produce and flower displays were judged by Mr. Herbert L. Reiner of the Worcester County Extension Bureau, and the preserves and fancy work by Miss Thomas of the same Bureau.

The north side of the building was reserved for the group displays of the various groups of the garden club. First prize was awarded to the Brick School House Section, with a total of 88 points out of a possible one hundred.

The south side of the gymnasium was set aside for the individual display of vegetables and preserves, which were of a high grade, although not as large as in past years.

The Town Farm and Thomas Frieswick had attractive individual tables at the east end of the hall. Mr. Frieswick won quite a few prizes.

The feature of the exhibition was the display of flowers. The collection of gladioli shown by Mr. Emmons, won nothing but praise from those who attended the show. The display of dahlias and gladioli by Lester B. Randall, Harley E. Keeler and Thomas Frieswick were also of a high order.

The members of the club together with their guests, assembled at the gymnasium and marched to Odd Fellows Hall, where a real old-fashioned New England boiled dinner was served at 6.30. Practically all of the vegetables were furnished by the members of the club. Mr. George



Group display at Garden Show

B. Hamblin acted as toastmaster, and during the evening presented the prizes to the members having the best gardens. The speakers of the evening were Mr. J. F. Story, Superintendent of the Worcester County Extension Bureau, and Mr. Reiner, who judged the produce in the afternoon.

Following the dinner the members adjourned to the Community Building where motion pictures were shown following short addresses by Mr. Hamblin and Mr. Keeler. After the moving pictures dancing was in order until twelve o'clock.

The committee in charge included Harley E. Keeler, chairman; Fred Burroughs, Joseph T. Cahill, Klaus Dufries and Gilbert Harwood.

The list of prize winners is as follows:

Brick School House district, 1st prize for the best looking table; Taylor Hill Section, 2nd; Old and New

Fairlawn, 3rd; Taylor Hill section, 4th. The following individual awards were made for vegetables: Cabbages, 1st prize, Henry Martin; 2nd, Harry Martin; 3rd, Simon Platukus; peanuts, 1st prize, Simon Platukus; cauliflower, 1st prize, Thomas Frieswick; 2nd, Simon Platukus; endive, 1st, Joseph T. Cahill; red Wetherfield onions, 1st, Andrew Bawalda; 2nd, Henry Martin; 3rd, Henry Martin; yellow onions, 1st, Andrew Bawalda; 2nd, Arthur Clarke; cowhorn potatoes, 1st, Joseph T. Cahill; 2nd, Joseph McKenna.

Tomatoes, 1st, Gilbert Harwood; 2nd, Thomas Frieswick; 3rd, Raymond F. Meader; potatoes, 1st, Thomas Frieswick; 2nd, Gilbert Harwood; 3rd, Joseph Grignon; corn, 1st, Donald Simmons; 2nd, Harley E. Keeler; 3rd, James Hayes; peppers, 1st, Simon Platukus; 2nd, Thomas Frieswick; 3rd, Simon Platukus; cucumbers, 1st, Arthur Clarke; 2nd, Andrew Bawalda; 3rd, Henry Martin; beets, 1st, Gilbert Harwood; 2nd, Henry Graves; 3rd, Simon Platukus; lima beans, 1st, Frank A. Cross; 2nd, Frank A. Cross; beans, 1st, Simon Platukus; 2nd, Wilfred Harwood; 3rd, Andrew Bawalda; carrots, 1st, Gilbert Harwood; 2nd, Andrew Bawalda; 3rd, Simon Platukus.

Turnips, 1st, Gilbert Harwood; 2nd, Arthur Clarke; 3rd, Arthur Clarke; summer squash, 1st, Arthur Clarke; 2nd, Thomas Frieswick; melons, 1st, Patrick Sullivan; 2nd, Gil-



Dahlia Display at Show

Whitin Team Wins Second Place

The Whitin Machine Works team finished in second place in the Blackstone Valley Baseball League, with a lead of half a game over the Rockdale Mills team. The last half of the season found the teams with much stronger lineups than during the early part of the season, and the race for second place was close all the way.

Since the last SPINDLE the team played ten games, winning five and losing five, registering two wins each over Millbury and Fisherville and one over Uxbridge; and losing two each to Uxbridge and Douglas and one to Millbury.

Saturday, August 29, was set aside as "Kearnan Day," in honor of "Bunkie" Kearnan, coach and star center fielder on the Whitins team. "Bunkie" was presented with a beautiful gold watch by Mr. George B. Hamblin, on behalf of his many friends throughout the shop. He responded in his first time at bat with a single, and followed this up with a triple, another single and a walk, finishing the day with a perfect batting average. "Bunkie's" work was the only bright feature of the day, as Schuster's stars handed our team its worst licking of the season, 15 to 1. Although the day was set aside as "Kearnan Day," the people of Whitinsville thought it was "Schuster Day" before it was over.

The last game of the season found us playing the Millbury team on Vail Field with second place at stake. With Berry of the Salem team in the box, it looked as though we were in for an easy victory. Going into the seventh inning with a lead of seven to one, the boys started kicking the ball around and the Millbury team scored five runs before the inning was over. Good pitching by Berry prevented further scoring in the last two innings, the final score being 7 to 6.

The final standing of the league and the batting averages of the Whitin team follows:

	W.	L.	%
Douglas	31	6	.838
Whitins	19	17	.528
Rockdale	18	17	.514
Millbury	16	20	.444
Fisherville	14	21	.400
Uxbridge	10	25	.286



Geo. B. Hamblin Presenting Watch to Harry Kearnan

	AB	R	H	%
Kearnan	136	34	59	.434
Sullivan	13	1	5	.385
Crawford	24	2	7	.292
Trinnier	24	2	7	.292
Hartley	108	16	30	.278
Leonard, F.	159	31	42	.264
Steele	60	8	14	.233
O'Neil	142	20	33	.232
Murray	27	4	5	.185
McGuire	118	14	21	.178
Carroll	49	2	5	.102
Vincent	16	0	0	.000

The Foundry team won the championship of the Sunset League after one of the hardest fights since the organization of the league. With the completion of the regularly scheduled games, it was necessary to play off practically all of the postponed games in order to decide the winner, with the Foundry, Speeder and Spinning teams all in the running.

The Foundry was represented with one of the strongest teams in the history of the league, with Kearnan, Hartley, Carroll and Crawford of the Blackstone Valley League team in their lineup, as well as Veau, Jones, McKee and Keeler, who are still able to play a pretty fair game. The team dropped their first two games and then won nine straight before dropping another.

Better play safe than be playing a harp.

Foundry Wins Championship of Sunset League

The Yard won but two games during the season, defeating the Spinning and Speeders during the closing weeks. The defeat of the Spinning team practically eliminated it from the running while the defeat of the Speeders helped the cause of the Foundry. The Yard tried to make it three straight wins when they tackled the Foundry but lost out when the latter team scored four runs in the final inning. Had Campo been accorded only fair support the Foundry would have been on the losing end.

As in past years, a sweater was awarded to the player with the highest batting average, and this year it went to Lozier, star second baseman of the Speeder team, with an average of better than 500. His playing at second base was nothing less than sensational during the entire season, turning in spectacular plays that cut off runs time and time again. In the last two games with the Foundry he succeeded in getting six hits off Kearnan out of seven times at bat.

The following players on the winning Foundry team were awarded sweaters: Hugh Currie, Manager, Winford "Sally" Jones, Captain.

Continued on page 9, column 1

Soccer Teams Tied for First Place

The Whitin Machine Works Soccer Team entered the Triangle Industrial League this year after a year in the Central Massachusetts League. The league is composed of six teams, including the Draper Corporation of Hopedale, American Optical Company and Hamilton Woolen Company of Southbridge, Norton Company of Worcester, Morgan Construction Co. and the Whitin Machine Works.

As we go to press the team has played three games, winning one and tying two, one of the ties being with the fast Draper Corporation team, last year's champions.

On September 26 the team opened its schedule, playing the Draper team in Hopedale, the score ending at three all. Whitins opened the scoring after a nice piece of work by Harry Jardine, who succeeded in beating two of the Hopedale defenders and centered the ball to Jimmie Davidson, midget forward, who headed it through. Hopedale came back strong and in a short time scored the equalizing goal and shortly afterwards scored again, only good work by the half backs preventing further scor-

ing. After some good combination work on the part of the Whitin forwards, Jimmie Davidson was given possession of the ball twenty yards from the Hopedale goal and squirmed through for the equalizer, the Hopedale goal tender having no chance to save. Hopedale soon took the lead again only to see Eddie Nuttall tie it up. It was a well played game with both teams very evenly matched.

On Saturday, October 3, we played the Hamilton Woolen team on Vail Field. The game was played in a heavy rainstorm and the playing surface was covered with inches of water. The visitors proved to be poor swimmers compared to our team, and the boys piled up six goals in short order, and took things easy, winning by a score of nine to four. Eddie Nuttall was the star performer, scoring six goals, with Jackson, Smith and McCracken scoring one each. The Whitin lineup was as follows: McCracken, goal; McFarlane, right back; John Davidson, left back; Jardine, right half; Holmes, center half; Jackson, outside right; Cowburn, left half; Steele, inside right; Nuttall, center forward; Jimmie Davidson, inside left, and Smith, outside left.

On the following Saturday the team journeyed to Southbridge for a return game with the Hamilton team. This game was played under worse conditions than the previous Saturday, with a heavy gale blowing across the field, making it absolutely impossible to control the ball. The home team, with the wind at their backs, succeeded in scoring two goals in the first half and Bob McFarlane and Bob Holmes scored twice in the second half, tying it up. The lineup was; Rothwell, goal; McFarlane, right-back; Jock Davidson, left back; Jardine, right halfback; Holmes, center halfback; Cowburn, left halfback; Jackson, outside right; Steele, inside right; Nuttall, center forward; Jimmie Davidson, inside left; Smith, outside left.

Eddie Nuttall gave up soccer at the close of last season and retired from the game for good. This season he has scored seven goals so far.

A good road map will tell you that it is about six or seven miles to old

Douglas from Whitins. Going to Southbridge, Freddie Cowburn fooled the road map and drove twenty-two miles. You can easily tell an Englishman, but you can't tell him much.

Joe Benoit drove some of the players to Southbridge and is now wearing a leather wrist supporter. Those in the know say he received the injury trying to cut a steak served to him in one of the department stores in Worcester. He must have struck the hardware department. While he was trying to chip a piece off, the waitress asked him if he would like another knife. Joe replied that he would take a chance with the same knife if another steak was forthcoming.

Jack Rauth is the official fair weather linesman.

A Soccer League has been formed among the grade schools. Plummers Grammar, Grove and West End are included in this league. It is under the direction of Mr. Thomas M. Colthart, who has had a wide experience in playing and coaching soccer, and whose reputation has led him to receive offers from some of the best known prep schools in Massachusetts.

The first game was played on Saturday, October 10, between West End and Grove, which resulted in a victory for West End. The league consists of the following boys: Grove School—David Zuidema, Captain; Philip Hathaway, Harry Drinkwater, Robert Magill, Dona Gamelin, William Gray, Byron Mathewman, John Turken, Robert Wood, Gordon Spence, Clovis Delouis, Chester Van Dyke, Antranig Barsomian. West End School—Albert Belanger, Captain; Ronald Blakley, Moosherk Ovian, Michael Sahagian, George Arakian, Frederick Whittaker, Daniel Duggan, David Longmuir, Henry DeBoer, Charles Arakian, Robert Patterson. Plummers School—Peter Minkema, Captain; John Johnson, Arthur St. Andre, Paul Rutana, Frank Woucyuk, Teddy Garabedian, Leo Fitzpatrick, Sidney Vanderzee, Stanley Margot, Stanley Convert, Philip Moroney, John Torosian, Robert Walsh, Monford Brothers.

Sunset League

Continued from page 8

James Hayes, Robert Keeler, William Carroll, Robert McKee, Louis Veau, George Hartley, Harry Kearnan, Francis Crawford, Harold Johnston and Donald Simmons.

The league standing is as follows:

	W.	L.	%
Foundry	11	3	.785
Speeders	8	6	.571
Spinning	7	7	.500
Yard	2	12	.143

League Standing

	W	L	T	P
Whitin Machine Works	1	0	2	4
Norton Company	2	1	0	4
Draper Corporation	1	0	1	3
American Optical Co.	1	2	0	2
Hamilton Woolen Co.	0	2	1	1
Morgan Const. Co.	0	0	0	0

Activities at the Geo. Marston Whitin Gymnasium

Activities in the swimming pool at the gymnasium for the coming year promise to be most interesting.

A conference recently held with Mr. Lawrence Johnston and Mr. Ben James of the Brookline Swimming Club, has led to the indorsement by the Swimming Committee, of a series of meets for the junior boys and junior girls with the boys and girls of Brookline.

If the present plans go through, the first meet for the boys will be held in our own pool on December 12 with Brookline, and a return meet will be held in Brookline on December 22. The boys eligible for these meets must be under sixteen years of age.

The arrangement of the races takes into consideration age and endurance.

Besides the swimming races there will be diving competitions. Five different dives are required: Front dive, back dive, front jackknife, back jackknife and one optional dive.

The distances for the races are to be decided upon later, but will undoubtedly be 20, 40 and 60 or 80 yards.

Worcester and Pawtucket are to be invited to participate in these meets also.

It is hoped that the enthusiasm which the exhibitions aroused for swimming in the past two years will continue to show itself.

HOCKEY

The Intermediate Girls have at last come into their own. No sport has appealed to the girls as much as field hockey.

If you have any doubt about their interest and pep, visit Vail Field any Tuesday or Friday from 2.45 to 4.00 P. M. While you are there, look at the good healthy glow on each cheek, and the sparkle in every eye. It will do your heart good to see them. Is there anything that can surpass exercise in the glorious out-of-doors? Watch them go up and down the field with that ball. No fear is mastering them. Paramount in their minds is the determination to overcome any obstacles in their way to the goal. Next year they will be ready to challenge some of the Worcester High Schools' hockey teams if they continue the good work. Keep it up, girls!

GOOD TIMES

It is the desire of the Physical Department to give the members of the classes some jolly good times. We feel that those who take class work twice a week are entitled to some extra good times. The first of these special parties will be around Halloween time.

Hasn't it been some time since you have been on a hay ride? That's what it is to be. If you are a member of either of the senior classes, be here Thursday evening, October 29. We won't guarantee to take you far, but it will take about two hours to get you there. Fun going and coming,

and fun when we get back to the gym—that is, if you consider eating fun. The Juniors will have their ride Friday afternoon, October 30, and the Intermediates on Saturday evening, October 31. DON'T FORGET IT'S MOONLIGHT!

CLINIC

One of the most important activities carried on at the gymnasium is the Baby Clinic, which weekly takes care of twenty-two babies.

The clinic is under the supervision of local physicians who give their time and services. It is held every Thursday morning from 9.30 to 12.00.

The work of the physicians and nurses carried on at this clinic is deserving of the highest praise.

While we are on the subject of clinics, it would be unfair not to mention the splendid work that is being done in our community by Dr. Ayres of Worcester, one of the most skillful orthopedic surgeons in the United States.

Dr. Ayres is at the gymnasium every other Tuesday at five o'clock. At this time he is glad to meet those who can and those who cannot afford to pay for his services. A reasonable fee is charged, and it is possible for all to avail themselves of this splendid opportunity.

His dates for the rest of October, November and December, when he will be at the gym, are as follows: October 20, November 3, 16, December 1, 15 and 29.

FALL IN—Our Senior Women's and Girls' Gym Classes started October 15. If you weren't able to join us then—START NOW.

To Ye Olde Members—We are saving your place for you. Don't disappoint us.

To Ye Newe Members—There is always room for one more. ESPECIALLY FOR YOU. We shall be right happy to see you in the line.

To Ye All—We shall do our best to make this the very pleasantest year on record. Come out and join in the fun.

NOTE:—During Basketball Season the pool will not be open regularly on Saturday at the hours from 7 to 9 for men. A period for family swimming will follow all swimming exhibitions.

POOL SCHEDULE

Monday and Thursday

Junior High School Boys	3.15-4.00	Senior Women Swimmers, Thursday only	9.30-10.30 A. M.
Senior High School Boys	4.15-5.00	Intermediate Girls	7.15- 8.00 P. M.
Grade School Boys	5.00-5.45	Senior Women (or girls)	8.00- 9.00
Men	5.45-7.00	Senior Girls (or women)	9.00-10.00

Tuesday and Friday

High School Boys	6.45-7.30	Senior Women	2.00-3.00
Employed Boys	7.30-8.30	Junior High Girls	3.20-4.20
Men	8.00-9.30	Senior High Girls	4.20-5.20
		Juniors	5.20-6.10

Wednesday

Boys' Swimming Team	4.00-5.00 P. M.	Senior Women (non-swimmers)	
Men	5.00-6.00	Girls' Swimming Team	9.30-10.30 A. M. 3.00- 4.00 P. M.

Saturday

Junior Boys	10.30-11.30 A. M.	Children under 9 years	9.00- 9.30 A. M.
Intermediate Boys	4.00- 5.00 P. M.	Junior Girls	9.30-10.30
Men	5.00- 6.00	Seniors	2.00- 3.00 P. M.
Men	7.00- 9.00	Intermediate Girls	3.00- 4.00

MEMBERS' MEETING

On November 4 there will be a special get-together meeting of the senior members of the Whitin Community Association. At this time there will be an entertainment, music and refreshments. The speaker for the occasion has not yet been chosen, but the committee in charge is hoping to stage an unusual feature. A professional magician from Boston is to be selected by Mr. Arthur E. Baird, president of the Magicians' Club in Boston.

The magician will attempt to free himself from a box made by our superintendent, Mr. W. O. Aldrich. There is considerable doubt as to the possibility of his accomplishing this feat. Whitinsville bets are all against him.

Another interesting feature at this time will be an "Our Gang Comedy" picture.

There will be no guest tickets issued for this night.

MEMBERSHIP

So many have asked regarding the bill sent for dues, that I would be glad if you would give me space in your valuable paper to explain that this year we are sending a bill for dues, instead of asking for a renewal of membership, taking for granted that all present members of the association intend to continue their membership. All memberships taken last year run for one year from the date the membership is taken out. For instance, if the membership was taken out on the eleventh of November, it will run for one year from that date instead of terminating on the thirty-first of August, as in previous years. A reasonable amount of time will be allowed all members to pay their membership dues, after which time, the privileges of membership will be withdrawn.

No boss' interest in you can ever make up for lack of interest by you in your work.

Don't take your mistakes too seriously. Only take warning.

Office Girls Surprise
Miss Brown

Miss Elaine Brown of the Production Department was pleasantly surprised by the girls of the office on Tuesday evening, October 13, at the social rooms of the Whitinsville Fire Department, when she was presented with a beautiful floor lamp, in honor of her approaching marriage to Allan McCrea of Whitinsville.

An entertainment was given by some of the girls during the evening and included sketches by Mary Cook, Nellie Vail and Margaret McKaig, and dances by Catherine Munt and Gwendolyn Searles. Before the evening was over most of the young ladies had become quite adept at sliding down the poles in the fire station. The competition was close when the girls tried sliding against time, with Lucia Bates, Catherine Scott and Helen Cotter proving to be the fastest.

Among those present were Catherine Scott, Catherine Munt, Alma Bassett, Marion Wood, Jesse DeBoer, Irene McCool, Isabelle Hamilton, Alice Ferguson, Mrs. Gertrude Barlow, Jane Currie, Mrs. Alice Jefferson, Florence Baldwin, Mary Cook, Mrs. Mildred Sylvester, Lucia Bates, Helen Cotter, Eva Feen, Mary Britton, Nellie Vail, Margaret McKaig, Doris Aldrich, Gwendolyn Searles, Dorothy Vanderschaft and Helena Roche.



A HOLE IN ONE

"Scene" at the Golf Course

Home Garden Club

Continued from page 7

bert Harwood; pumpkins, 1st, Raymond Harwood; 2nd, Gilbert Harwood; 3rd, Thomas Frieswick; golden Hubbard squash, 1st, Arthur Clarke; 2nd, Patrick Sullivan; 3rd, Simon Platukus; green Hubbard squash, 1st, Arthur Clarke; 2nd, Harley E. Keeler; 3rd, Arthur Clarke; blue Hubbard squash, 1st, Arthur Clarke; 2nd, Patrick Sullivan; 3rd, Patrick Sullivan; field pumpkins, 1st, Thomas Frieswick; Boston marrow squash, 1st, Arthur Clarke; 2nd, Gilbert Harwood; 3rd, Harley E. Keeler; melons, 1st, Thomas Frieswick; delicious squash, Thomas Frieswick.

The awards for canned goods were made as follows:

Beans, 1st prize, Thomas Frieswick; 2nd, Mrs. Henry Martin; peas, 1st prize, Mrs. Henry Martin; 2nd, Mrs. Harley E. Keeler; 3rd, Mrs. Gilbert Harwood; plums, 1st, Mrs. Harley E. Keeler; squash, 1st, Mrs. Harley E. Keeler; collection of pickles, 1st prize, Thomas Frieswick; corn, 1st, Mrs. Harley E. Keeler; 2nd, Thomas Frieswick; peaches, 1st prize, Thomas Frieswick; succotash, 1st prize, Thomas Frieswick; crabapples, 1st prize, Thomas Frieswick; jelly and jam collection, 1st, Thomas Frieswick; raspberry, 1st, Mrs. Harley E. Keeler; 2nd, Thomas Frieswick; blueberries, 1st, Mrs. Harley E. Keeler; 2nd, Mrs. Gilbert Harwood; 3rd, Thomas Frieswick; mince meat, Thomas Frieswick.

The following awards were made in the flower exhibit:

Gladioli, 1st, Lester B. Randall; 2nd, Harley E. Keeler; dahlias, 1st, Thomas Frieswick; 2nd, Harley E. Keeler; mixed flowers, 1st, Harley E. Keeler.

The following awards were made for needlework:

Crochet and embroidery, 1st prize, Mrs. Robert Lawson, Jr.; embroidery, 1st prize, Mrs. Frank Clarke.

The committee in charge of the arrangements was: Reception, Harley E. Keeler; decorating, Fred E. Hathaway; printing, Fred Burroughs; entertainment, Joseph T. Cahill; supper, Gilbert Harwood.

A Letter of Thanks

The recent collection taken in the shop for Thomas Devlin was very successful. The following letters have been received from Mr. and Mrs. Devlin and family and the Committee in charge of the subscription.

Editor Whitin Spindle:

Please express through the Spindle our sincere thanks and gratitude to all who in any way aided in the recent generous subscription for our benefit.

Mr. and Mrs. Thomas Devlin and family.

We wish to join with the family in expressing our thanks and appreciation to the executives of the Whitin Machine Works for permission to circulate the papers, and for their generous contribution; to the foremen for their willing cooperation and to all who so generously contributed to the success of the testimonial.

Committee

William T. Walsh, Chairman.
Arthur Jackman, Secretary
Thomas Joyce, Treasurer
Thomas H. Driscoll,
Joseph T. Cahill,
Michael Kelliher,
Patrick Daley,
Jeremiah W. Horan.

Butterfield-Clifford

Vance Butterfield, a member of the Comber job, and Miss Doris Clifford, formerly a clerk at the Blue Eagle Inn, were married at the home of the bride in Northbridge, on Saturday, October 10. After a honeymoon spent in Maine, Mr. and Mrs. Butterfield will make their residence in Northbridge.

When you amass a fortune you say you are smart. Your friends say you are lucky, and your enemies say you stole it. After you are gone it will probably be spent by somebody who doesn't care a darn how you got it.

When you get right down to the pit and the seeds, the boss doesn't care a hoot whether your ancestors were supermen or monkeys. He is interested in what you can do and how well you can do it.



An Invitation to Join!

Would you care for those whom disaster has made homeless? Would you show gratitude to the wounded veteran who courted death that war might give way to peace? Would you save life and prolong health? Would you teach children to love and to serve? If so join THE AMERICAN NATIONAL RED CROSS during the Annual Roll Call, Armistice Day to Thanksgiving,—November 11 to 26, 1925.

The American Red Cross announces its annual roll call for membership, from Armistice Day, November 11, to Thanksgiving Day, November 26.

The Red Cross has demonstrated its lasting value in past months, and the splendid work done by this or-

ganization during the World War is known to all of us. We hope there will be a large enrollment in Northbridge during the drive. The subscription fee is only \$1.00, and is a dollar well spent and within every one's means.

Social Season Opens at Gymnasium

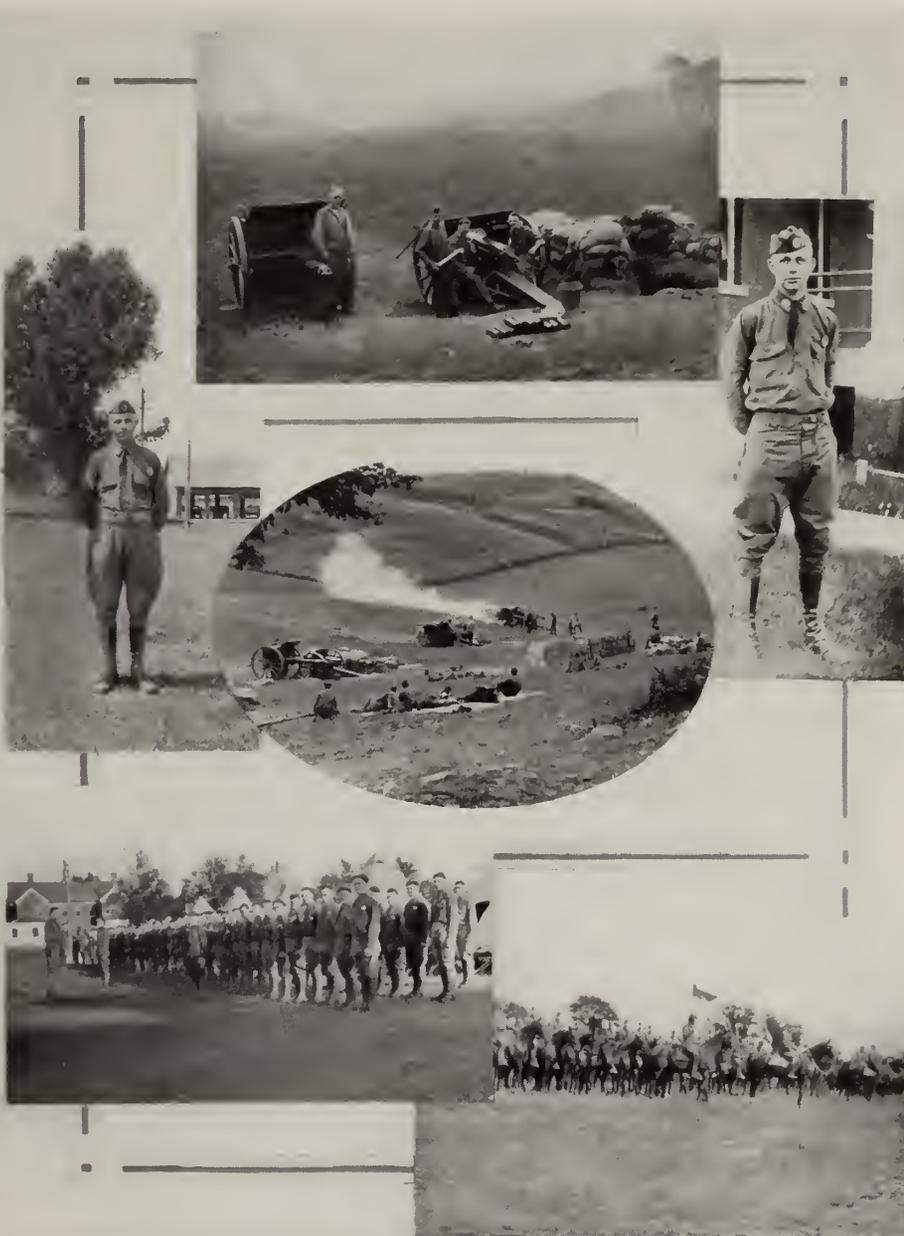
The first fall dance of the season was held at the Whitin Community Building on Thursday evening, September 18, for members and guests. The music for the occasion was furnished by Bennie Conn's celebrated eight piece orchestra. The committee in charge was Harold Johnston, Chairman, Lily Bogie, Jane Currie, Lucia Bates, Ruth Stewart, John Dean, Leon Houghton and Mrs. Mabel Tabor.

Plans have been completed for the big Hallowe'en dance on Wednesday evening, October 28, with music by Lou Collins' Rivoli Boys. The Hallowe'en dance has been one of the big features of the social season at the Community Building in past years, and this year it is expected to be bigger and better than ever. Everyone attending is assured of a good time.

The championship Foundry team of the Sunset League played a two game series with the Foundry team, champions of the Draper Twilight League. The first game was played in Hopedale on Friday evening, September 22, ending in a tie score, 3 to 3, in a nine inning game.

The return game was played on Vail Field on Tuesday evening, September 28, the home team winning in a slugging match, 9 to 8. Johnnie Steele pitched for the Foundry and was hit quite freely, the visitors holding a commanding lead until the eighth inning when the home team scored four times. Manager Currie used a couple of subs, some of his regular players not being available. His lineup was as follows: Hayes, catcher; Steele, pitcher; Keeler, 1st base; Carroll, 2nd base; Wallace, short stop; Veau, 3rd base; McKee, left field; Crawford, center field; and Benoit, right field.

All the money in the world is no use to a man or his country if he spends it as fast as he makes it. All he has left is his bills and the reputation of being a fool.



"Mac, would you like a little of something Scotch—the real thing?"

"Well, now—I never—"

"Of course you would. Mary, bring our that pot of Dundee marmalade."—Life

A Scottish clergyman who was a very keen golfer, used to puzzle the friends with whom he played by muttering "Loch Lomond," in ferocious accents every time he fozzled a shot.

"Excuse me," his partner said frankly, "but why do you say 'Loch Lomond,' every time you miss a shot?" The minister's eyes twinkled. "Loch Lomond," he explained with a chuckle, "is the biggest dam in Scotland."—Spokane United Service.

Members of Shop Spend Month at Fort Ethan Allen

Robert Gilmore of the Card Erecting job and Lloyd Stevens of the Automatic Screw job spent the month of August at the Citizens Military Training Camp at Fort Ethan Allen. Both of these young men can be seen in one or more of the pictures shown on this page. Last year they spent a month in the infantry at Camp Devens, but this year preferred to enroll in the Artillery Division. Both succeeded in winning commissions, Stevens coming home a sergeant and Gilmore a corporal.



John J. Rankin

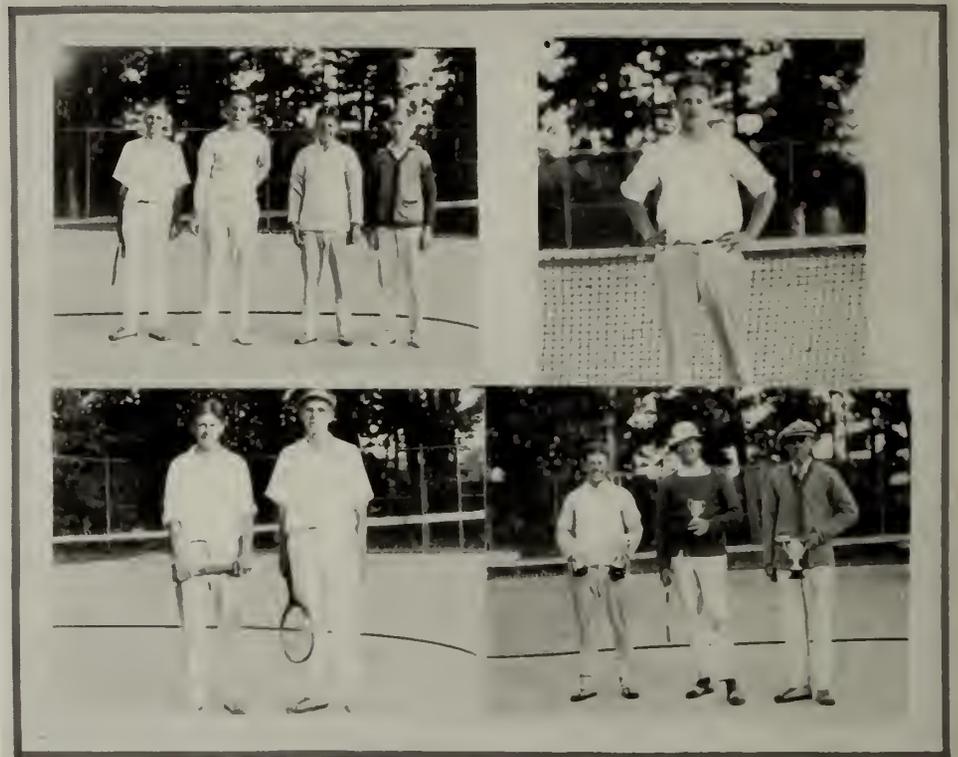
During the past few months death has taken two of our long service men, John Rankin of the Spinning department and Charles H. Wood of the Foundry.

Mr. Rankin entered the Whitin Machine Works in April, 1873 and was first employed on the Roll job under George Carr and later for Owen Wade on the Milling job. He later served his time as an apprentice, the greater part of the three years being spent on Spinning work. Most of Mr. Rankin's term of service in the shop was spent on Spinning work, he having worked under Bathrick, Remington, Burbank, Blanchard and Walker.

Charles H. Wood entered the employ of the Whitin Machine Works in July, 1881, and was first employed as a helper in the foundry, working for his father. Mr. Wood's entire term of service was spent in the Foundry he having worked for Gray, Cole, Lincoln and the present foreman, C. T. Moffett.



Chas. H. Wood



During the early part of September, Patrick Duggan visited his garden to dig some potatoes and bring home some other vegetables and took his son James along to help him. On the way home Pat stopped to make a call on a friend, leaving James outside to guard the bag containing the potatoes and vegetables. In a few minutes James ran into the house and told Pat that someone was stealing the potatoes. Pat is of a generous nature and remarked that he had too many anyway and that they were welcome to help themselves. On resuming his journey homewards Pat thought the bag was a little heavier if anything but gave the matter little thought. One can imagine Pat's surprise to see a little quarry come rolling out of the bag after the potatoes. Pat is sorry he didn't investigate when warned by his son.

The wife of a careless man is almost a widow.

Don't look to others to think safety for you, do it yourself.

Safe conditions are good, but safe men are better.

The time to prevent accidents is before they happen.

Production depends on material, methods and men—especially safe men.

The final round of the annual Tennis Tournament of the Whitin Community Association found last year's finalists in the singles, E Kent Swift and Hamblin Sylvester, opposing each other again. Sylvester turned the tables this year, winning the match after three hard sets.

Sylvester, paired with Wesley Webster, defeated John Lasell and Richard Whitin in the final round in the doubles.

Cups were awarded to the winners in the singles and the doubles and to the runner-up in the singles.

Back in 1890—can you remember that far back?—the world's most famous automobile manufacturer was working in a bicycle shop; a millionaire hotel owner was hopping bells; America's steel king was stoking a blast furnace; an international banker was firing a locomotive; a great merchant was carrying a pack on his back; a great railroad president was pounding a telegraph key. Moral: Where will you be in 1960?

—Exchange.

As we go to press, word has been received of the death of William H. Smith of the Bolster job. Mr. Smith was a veteran of over thirty year's service, having entered the shop in February, 1890.

Adams-Barr

The many friends of Miss Florence Barr of the Main Office and Raymond Adams of the Production Department, were surprised to receive announcements of their marriage at the Little Church Around the Corner on Saturday, October 10.

George Hanna, foreman of the Planer job, purchased a nice travelling bag a few years ago and soon after purchasing same it mysteriously disappeared and he could find no trace of it. He searched the house high and low but the bag was to be found nowhere. Some few weeks ago George went to a ball game in Millbury and was very much surprised to see one of the well known "umps" in the Blackstone Valley League walk onto the field with a bag that looked familiar to George. On examination George discovered it to be the long lost bag and was reminded that he loaned it to his friend the "ump" for a "week-end" some two years ago. George claims the bag will see no more such "week-ends" while he has anything to say about it.



John Crompton—One of our Retired Long Service Men in his Flower Garden



Raymond Hobbs, one of our apprentices, spent the month of August at the Students' Military Training Camp at Camp Devens, Mass. He is the second one from the left in the rear row in the above picture.

We have no objection, as a matter of fact we approve of a man being honest provided he will refrain from constantly calling our attention to the matter.

A contented man does the best he can and doesn't fret. A satisfied man does very little and allows his wife to support the family.



Geo. Gannon and Fox He Shot During Opening Week of Season



The dog pictured above is Ria Von Heck, one of the few Doberman Pinchers in this country, and is owned by John Kelliher, chauffeur for Mrs. J. M. Lasell.

Since the opening of the hunting season Wm. Britton of the Electrical Department has bagged one fox and Geo. Gill of the Roll job and Geo. Gannon of the Drafting room have two to their credit.

GYMNASIUM SCHEDULE

Men and Boys	Monday and Thursday	Women and Girls	
Junior High School Boys	2.30-3.15	Senior Women	7.00-8.00
Senior High Boys	3.15-4.15	Senior Girls	8.00-8.30
Grade School Boys	4.15-5.00	Basketball League	8.30-9.15
Men	5.00-7.00		
	Tuesday and Friday		
Employed Boys	6.30-7.30	Junior High Girls	2.30-3.15
Men	7.30-9.00	Senior High Girls	3.15-4.15
		Grade School Girls	4.20-5.10
		Senior Girls' Hockey	5.30-6.30
	Saturday		
Junior Boys	10.30-11.30	Leaders' Corps	9.30-10.30 A. M.
Intermediate Boys	2.30-4.00	Senior and Intermediate Girls	1.30-2.30 P. M.
Men	4.00-6.00		

Oakhurst Farm

Continued from page 3

in the pre-Volstead era. Whitinsville can boast of the first two, but the Editor is not so sure of the third. He believes in "Safety First" and White Mule sometimes kicks.

Volumes could be written about the horses which Mr. Lasell has raised and driven during the past twenty-five years, but due to a limited amount of space it is impossible to do so.

We understand that Jimmie Marshall has purchased some targets in the form of rabbits. While out hunting with "Sally" Jones, "Bunkie" Kearnan and Bob Ferguson recently, a couple of rabbits sat up and posed while Jimmie took a couple of shots at them. Looks as though Jimmie is going to be prepared for them the next time.

Electrician (from top of building from which four wires dangled): "Bill, catch hold of two of them wires."

Bill: "Right."

Electrician: "Feel anything?"

Bill: "No."

Electrician: "Well, don't touch the other two, there's 2,000 volts in them."

—Liverpool Echo.

Collier's Magazine is conducting a campaign for safe driving. In a recent article they say "Carelessness kills, not speed." If it is true, as the Insurance people claim, that five cars out of every hundred are in accidents during the year, why not keep our cars out of the list by safe driving.

It would be well for all automobile drivers to keep in mind the following



Hospital Ward at Camp Devens



Views of Oakhurst Farm

pointers on safe driving by Tommy Milton, one of America's foremost racers.

1. Learn your signals and make them carefully.
2. It is dangerous to TAKE your rights; wait for the other fellow to GIVE them to you.
3. There is danger in speeding up when a car passes you from behind.



Whitinsville folks see big whale at Block Island

4. Get your car entirely off the road, if possible, when stopping.
5. Consider as a possible death trap every overloaded, slowly moving truck that takes the middle of the road, instead of one side.
6. Consider as a possible death trap every roadside refreshment stand or filling station where cars stop in the road.
7. Worn tires, especially on the front wheels, are exceedingly dangerous to yourself and others.
8. Your brakes are not safe unless they will hold your car on any hill your car can climb.

9. Know how to brake your car on the engine in an extremity.

10. Too much play in your steering wheel is dangerous.

11. A spotlight on the right side of your car or dazzling lenses are dangerous.

12. Remember that overloaded trucks have overloaded brakes, which cannot be efficient.

13. Keep your car locked and out of the hands of joy-riders.

14. Remember that selfishness and greed in a competent driver may be even more dangerous than the inexperience of incompetent drivers.

15. Follow the rule that it is not speed so much as recklessness that causes accidents.

16. Remember that most grade crossing accidents are caused by drivers who, in excitement of peril, stall their engines.



Whitinsville Golf Club



The
WHITIN
Spindle



Memorial Square in Winter

NOV.-DEC.
1925
Vol. 6 No. 6



Upper Left: Pat Fairfield

Upper Right: Dexter S. Goodspeed

Center: Old Experimental Room

Lower Left: Present Experimental Room

Lower Right: James Currie

The Experimental Room

Probably very few men in the shop know much about the work done in the Experimental Room, but it is a very important part of the Whitin Machine Works. As a show room and laboratory for making up samples it is of assistance to the sales department. As a place where new inventions and improvements may be tried out, it aids the engineering and manufacturing branches.

The first Experimental Room was a small affair on the floor now occupied by the Roll job. Mr. Oscar Owen remembers it as being in operation in 1885. Then a space was used on the floor above the present Production Office and corresponding to it in size, that is, it took in the west end of the present room and the photographic department. It was next moved to allow the Loom job to expand and occupied a wooden building west of the old foundry, where George Hanna's job is at present located. It was next moved up to the floor where the Needle and Hank Clock departments are now located. While there it was directed successively by Richard Chase and Edward Whittaker. In 1922 it was moved to its present location.

Richard Chase is now treasurer of the Shawmut Mills in Lawrence, Mass.



R. T. Comer



James Trulson

Edward Whittaker was made agent of the Whitin Machine Works in China and Japan after leaving the Experimental Room. He left the Whitin Machine Works several years ago and is now acting as foreign representative of the Universal Winding Company of Pawtucket.

Carl Dudley, a former Whitinsville boy and employee of the Experimental Room, is now agent of the Crown Manufacturing Company of Pawtucket, R. I.

The room is equipped with most of the machines built by the shop, and these are kept always up to date and ready to run. It is really a miniature cotton, woolen and waste mill rolled into one.

The greater part of the work consists of carding and spinning samples of stock submitted by the mills. Specimens of the finished yarn and careful reports of the experiment are sent to the prospective customer, furnishing him with definite evidence that our machines will handle his class of work satisfactorily.

During the past year, most of the work has been on waste under the direction of Mr. R. T. Comer. It is amazing what a variety of materials, some of them most unpromising-looking, our machines will work up into satisfactory yarn. The following are some of the kinds of stock spun during 1925: American, Chinese, Egyp-

tian, Indian and Peruvian cotton; wool, shoddy, wool noils, broken-up wool thread, brush waste, degummed jute, broken-up burlap bags, silk noils, rayon noils, flax noils, China grass, floor sweepings, card strips and fly, comber noils, cut roving, dust-house cleanings, afritis and broken-up tire cord and fabric.

Every experiment is supervised by the service expert for that class of work. Under his direction the machines are adjusted and the stock run by the experimental room force, which consists of the following men.

James Truslow, who has charge of the department, is a graduate mechanical engineer. After finishing his training at Massachusetts Institute of Technology, where he specialized in textile work, he spent a year in the Pacific Mills, Lawrence, then came to Whitinsville and worked on most of the erecting floors and in the Production Department. He has been in his present position since November 29, 1924.

James Currie, the carding specialist, erected looms in the shop for three years, spent one year on the Spindle job, and erected Cards for sixteen years. He has been connected with the experimental room for seventeen years.

Dexter S. Goodspeed, the spinning and twisting specialist, was section hand for six years in the Lockwood Mill, Waterville, Maine, and worked as second hand of spinning with the Nourse Mill of Woonsocket. He then came to the shop, worked two years on the spinning floor and twenty years on the road. He has done experimental work for five years.

Patrick Fairfield has worked in the room as general assistant since the summer of 1924.

The Christian character or balanced life means faith without credulity; conviction without bigotry; charity without condescension; courage without pugnacity; self-respect without vanity; humility without obsequiousness; love of humanity without sentimentality, and meekness without power.—*John H. Patterson.*

Artificial Silk and its Manufacture

By George Gannon

Natural silk is the product of the silkworm, which, when undergoing its metamorphosis from the caterpillar to the chrysalis stage, spins around itself a cocoon of silk. The organ which secretes the silk is composed of two openings situated at the mouth of the caterpillar. When the caterpillar is ready to spin its cocoon, this organ is full of a viscous liquid, similar to gum; this liquid flows through the glands and is drawn out to a thread of extraordinary length and hardens on contact with the air.

Artificial silk has only certain physical properties in common with natural silk and has practically no similar chemical properties. Artificial silk is simply cellulose, transformed into fine threads. Cellulose is the principal constituent of the tissues of plants and is the structural basis of the vegetable world.

The idea of producing artificial silk is by no means a modern one. Reaumur, the French physicist and naturalist said in 1754, "Silk is only a liquid gum which has been dried; could we not make silk ourselves with gums and resins?"

The discovery of nitro-cellulose really started the practical manufacture of artificial silk. In 1855 Audenars of Lausanne patented a process for transforming dissolved nitro-cellulose into fine threads which he called artificial silk. There are five different methods for the manufacture of artificial silk.

1. Chardonnet process—made from nitro-cellulose.
2. Despeissis process—formed from a solution of cellulose in ammoniacal copper oxide.
3. Viscose—made from the Thio-carbonate of cellulose.
4. Lustrous Art Silk—made from a solution of cellulose in zinc chloride.
5. Acetate silk or Celanese—made from acetic anhydride.

Chardonnet process. Wood pulp or cotton is transformed into nitro-cellulose (gun cotton) by immersing in nitric and sulphuric acid. This is then dissolved in alcohol and ether.

From this pulpy solution the silk is spun. A very simple apparatus is used, consisting of a number of glass tubes or nozzles, each drawn out to a capillary tube or spinnaret, with a bore varying from 0.1 to 0.2 m.m. The nitrocellulose is forced through these capillary tubes under a pressure of 853 pounds per square inch. Several of these threads are grouped together as they pass through a guide to be wound untwisted onto a bobbin—the group corresponding in count to one thread of natural silk. These threads are dried in a ventilated stove at 113° F to dispel the alcohol and ether and in drying they obtain lustre, strength and elasticity. However, the thread is still inflammable and this property is dispelled by denitrating, which consists of a bath of alkaline sulphides. The product is yellowish in color but can be bleached in chloride of lime.

Despeissis process. In 1890 a Frenchman named M. Despeissis patented this cuprammonium process. The mechanical process is similar to that of Chardonnet. The raw material is cotton and the cellulose is dissolved in ammoniacal copper oxide. This solution is forced through capillary tubes of 0.18 to 0.2 m. m. diameter, then into dilute sulphuric acid, then wound on glass bobbins. These threads are then washed in acetic acid or formic acid and dried.

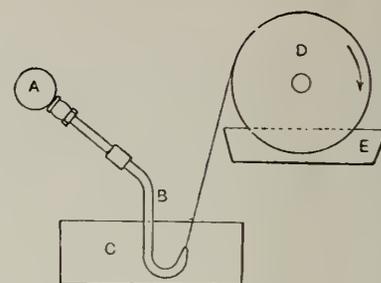


Fig. 1

Figure 1 shows a diagrammatic representation of the forming of the threads. A represents the distribution pipe containing the cuprammonium solution of cellulose under pressure where it is fed to the capillary tubes B. This tube B is the small hole or jet through which the solution is forced into the bath C, which coagulates or hardens the thread. D is the bobbin on which it is wound and E the bath of weak acid where it is washed. Figure 2 and Figure 3 and Figure 4 shows a thread-forming machine and Figure 5 shows a drawing of one of the glass tubes or spinnarets.

Viscose Process. The raw material is spruce wood pulp (freed from grease). This wood pulp is made into alkali-cellulose by treating with caustic soda and then the Viscose paste is made by mixing with carbon-disulphide and caustic soda. The machinery is similar to that which has been described.

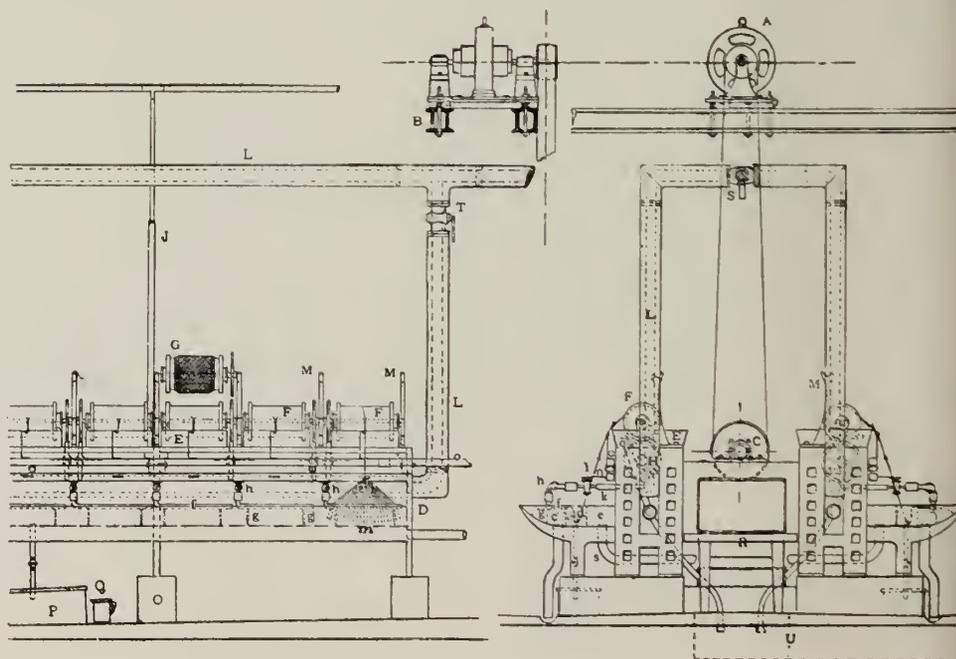


Fig. 2

Fig. 3

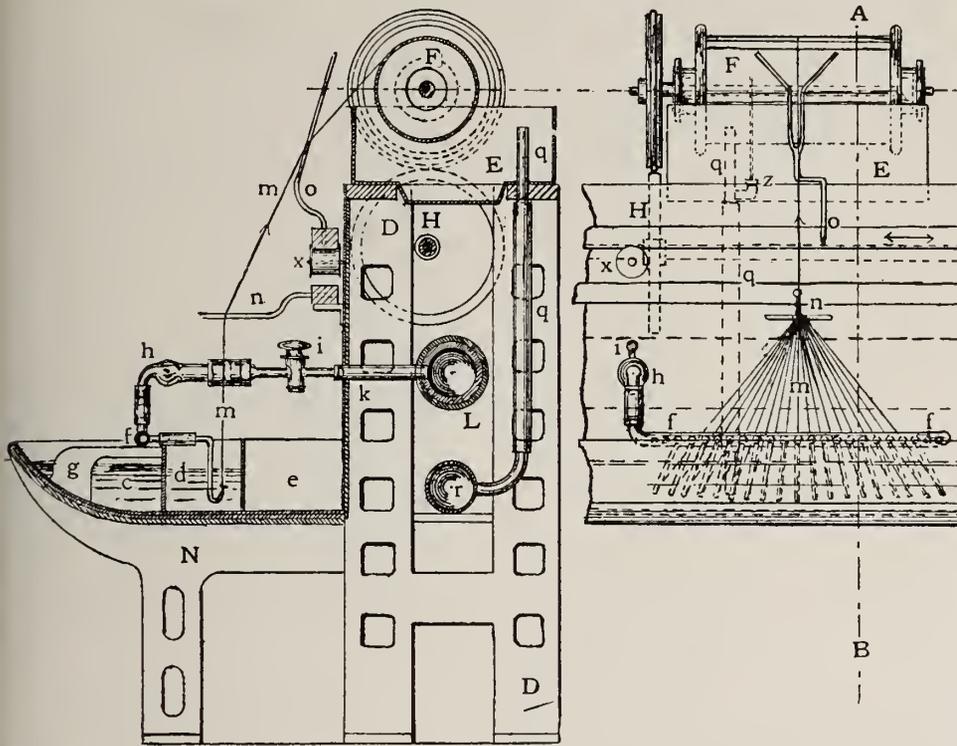


Fig. 4

Lustre Artificial Silk—is produced by a solution of cellulose in zinc chloride. The most advantageous method consists in transforming the scoured and bleached cellulose into sodic cellulose by immersing in a cold bath of concentrated caustic soda, then decomposing the sodic cellulose with water and finally in dissolving the cellulose thus obtained in concentrated zinc chloride.

Celanese or Acetate Silk, also called "Lustron." Cotton or Spruce

wood pulp with acetic anhydride in the presence of a suitable catalyst makes the viscous liquid. This is then dissolved in acetate, the acetate dissolved in a mixture of organic compounds to obtain the correct degree of viscosity, and the final mixture spun by a method similar to that described.

Believe It or Not

The following story was brought in to us by Joseph Hall, foreman of the Nickel Plating job, and we feel that it is worth printing.

E. P. Knight of Molunkus, in the big game region of Aroostock County, is one of the characters of the North Woods. Vigorous, versatile, educated, a poet of no mean ability, and a man you are calling "Ed" the second day you know him.

He has a group of eight or nine log cabins six miles from the State highway, and entertains his visitors when sitting around the big fireplace evenings with reminiscences that are surely interesting. One was of a big rifle that was hanging on the wall with 12 or 15 others, that someone likened to a crowbar with a hole in it. Ed smiled, and said the gun had been a mascot, and told the following story about it.

One fall he had a party in his camps after deer. Game seemed scarce and wild, even the birds were too smart for the hunters, and Ed took down the old gun and said he would try to change the luck, (and all old hunters will admit that luck has a lot to do with the size of the game bag), Ed started down a stream, hunting on the edge, and finally saw a deer lying down next to a large rock, when he brought the big gun up to position, a fox came around the other side of the rock. Ed was puzzled. He wanted both, but he knew that his one shell would get but one and the other would run away, so he aimed at the sharp edge of the rock, and the big bullet split on the rock, one half killed the fox and the other half killed the deer.

The gun kicked like a South Carolina mule, and Ed standing on the bank of the stream, naturally threw the gun as far away from the water as he could. In falling the gun dropped on a rabbit and killed him. When Ed found that he was going backwards into the water he put both hands out to save himself, one hand fell onto and grasped a mink and the other grasped a muskrat. His suspenders burst in falling and his loose pants promptly filled with trout. On getting on his feet, the weight of the trout was too much for his pants buttons and one button flew off and killed a partridge that was flying by.

Luck had changed.

A street car is what there are always seats in when it is coming back from where you are going.

Try This

Motor Officer (after hard chase): "Why didn't you stop when I shouted back there?"

Driver (with only five dollars, but presence of mind): "I thought you just said, 'Good morning, Senator'."

Officer: "Well, you see, Senator, I wanted to warn you about driving fast through the next township."

—Middlebury Blue Babbon.

The greatest idea in the world is an empty dream until it is put to work.

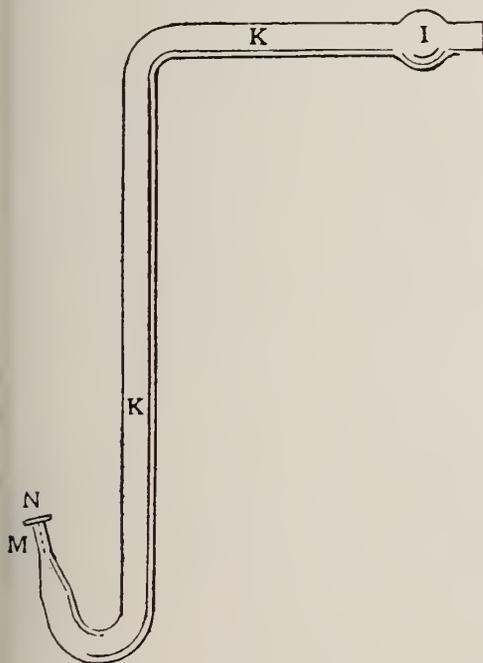


Fig. 5

An Outlook for the Year

JANUARY

The winter god has chained the babbling streams
That lately trickled down the woody hill;
No longer can we hear their murmurings,
Their voice is still.
For Nature, in this northern land of ours,
Must rest before she decks the fields with flowers.

FEBRUARY

The silent hills are wrapt in virgin white,
The snow has drifted in the vales below,
The trees with wondrous fabric are bedight
And chill winds blow.
But, hid from sight, new life begins to wake,
Soon Spring will burst the bonds of Winter's make.

MARCH

The giant trees are swaying in the wind,
Their leafless branches tossed against the sky;
Beside our fires we hear its mournful sound
And shiver as the March wind passes by.
For Winter, in its death throes, roars and groans,
While Spring, victorious, speaks in gentler tones.

APRIL

The sun and showers of the April days
Have clothed again the hills with verdant green;
While here and there, amid the woodland glades,
A violet is seen.
The streams once more sing their tumultuous song
And glint and ripple as they rush along.

MAY

The tender green of newly forming leaves,
The fragrance of arbutus on the air,
The joyous chirp of swallows in the eaves,
Building their new homes there.
All these unite in praises of the Spring
And promised joys the Summer time will bring.

JUNE

The straggling hedgerows, void of watchful care,
By June's rose-laden hand are beautified;
Upon the crumbling wall so old and bare,
With gentle touch the ivy tendrils glide.
The droning flight of bees among the flowers
Is heard throughout the glowing summer hours.

JULY

In some old-fashioned garden, trimly set,
The hollyhock has reared its stately head;
And scarlet poppy, pinks and mignonette
Add their sweet charm to the box-bordered bed.
The daisy's star-like flower can be seen
Amid the fields of nearly ripened grain.

AUGUST

There is a lake with many a sheltered bay,
Where drooping branches bend to meet the tide;
Here oft, upon a sultry August day,
Our light canoe with steady stroke we guide.
Then float and listen to the murmuring trees,
The leaves' soft answer to the wooing breeze.

SEPTEMBER

The yellow grain, which glimmered in the sun,
Has fallen to the scythe's persistent swing,
The luscious berries ripen one by one,
And rosy apples now are mellowing.
The daisy long has gone, but in its stead
The goldenrod now flaunts its tasseled head.

OCTOBER

Red, and gold, and brown and deepest green,
A gorgeous pageant waits our eager gaze.
O! Let us see whatever can be seen,
For all too soon must pass these autumn days.
The squirrels now are busy with their stores,
Providing food for winter's cloistered hours.

NOVEMBER

The rainbow hues, which lately charmed the eye,
Have gone; but yet in some secluded glade,
The hardy gentian bravely rears on high
Its fringed azure head.
A touch of winter seems to chill the air
And falling leaves are scattered everywhere.

DECEMBER

Again the snow has fallen, and the air
Is merry with the sound of dancing bells.
Now all the trees upon the hills stand bare,
Like giant sentinels.
And helpful hearts and hands are seeking still
To spread abroad the Message of Good Will.



William E. Balmer

Fifty Year Veteran Dies Suddenly

Another of our fifty year veterans was lost to us by death on Monday, November 2, when William E. Balmer passed away. Mr. Balmer had gone to Hartford, Conn., to spend the winter months with his daughter, and died suddenly on the evening of his arrival.

Mr. Balmer came to this country from Ireland at the age of nine. Previous to entering the Whitin Machine Works in September, 1860, Mr. Balmer was employed at the cotton mill, and prided himself on the fact that he had been employed by the Whitin family for over sixty years.

He entered the foundry of the Whitin Machine Works in September, 1860, and served his apprenticeship as a moulder. With the exception of several dull periods, when it was necessary to close the shop, Mr. Balmer was continuously employed either in the foundry as a moulder or in the core room. Mr. Balmer retired from active service in the shop in June, 1923.

Card of Thanks

We wish to express our thanks and appreciation to the shopmates who so kindly sent the beautiful floral piece in remembrance of our father.

Mrs. W. R. Sharp,
Robert R. Balmer,
John T. Balmer,
W. Edward Balmer.

The Call of the Southland

Whether it was the promise of an unusually cold winter or the fear of an inadequate supply of anthracite coal, or just the lure of the southland, no one knows positively; perhaps a combination of all these motives has induced Mr. L. H. Horner, designer and draftsman, to desert this land of snow and ice for one of rattle snakes, fleas, real estate agents, and perpetual summer.

Mr. Horner entered the service of the Whitin Machine Works in September, 1910, and has worked in the Drafting Room since that time. In addition to his regular work he has contributed many cartoons to the Spindle which have been commented upon widely. Our cover page was designed by him.



In his leisure moments he has been a keen sportsman, fishing all the streams and ponds in this vicinity. His friends in the Meadow View Gun Club will miss him at their occasional banquets. He was a noted consumer of the far famed Boston baked bean.

Mr. Horner was presented a very beautiful Tarpon Reel, a picture of which is shown herewith, by his associates in the Engineering Department. He goes to his new home with the heartfelt good wishes of his many friends and business associates, in which the Spindle most enthusiastically joins.

On the Inside Looking Out

Carl: "Still, in spite of what you say, I think marriage is a pretty good institution."

Corlotte: "Yes, but who wants to live in an institution?"

—Princeton Tiger.



Alfred White

Drafting Room Loses Member

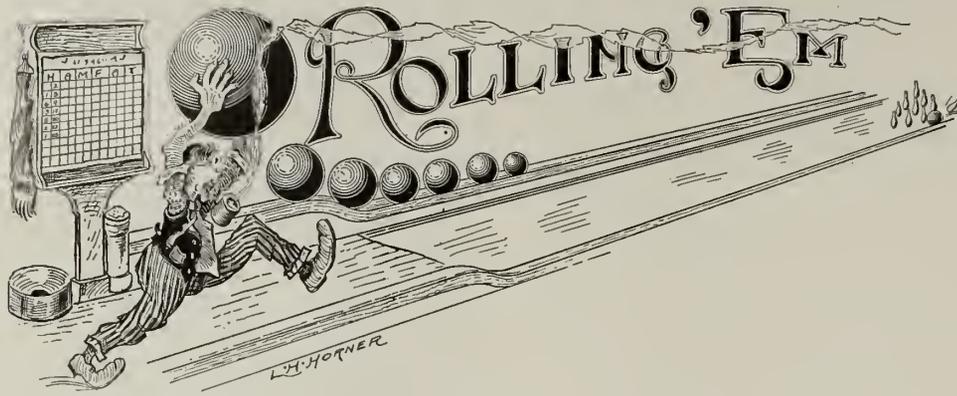
The many friends of Alfred White of the Drafting Room were sorry to hear of his death at the Whitinsville Hospital on Monday, December 7. Mr. White entered the employ of the Whitin Machine Works in September, 1917, and was employed in the Drafting Room continuously from that time until the time of his death.

We were sorry to hear of the death of John Stromberg of the Flyer job at his home on High Street, on Monday, November 30, after a short illness.

Mr. Stromberg entered the Whitin Machine Works in April 1910, starting on the Flyer job, and was employed there up to the time of his death. Our sympathy is extended to his family.

We understand that the employees of the garage and outside yard are well satisfied with a new brand of handkerchief which "Dewey" Veau has put on the market. Handkerchiefs always come in handy as Christmas presents.

The one thought and ambition of every college man should be to be a public official without vice, a private citizen without wrong, a neighbor without reproach, a Christian without hypocrisy, a man without guile, submissive to law, obedient to authority, thoughtful, kind and, above all, loyal to country and self.—Attorney General Sargent.



Office Bowling League Opens Season

The Office League opened its season on Wednesday evening, November 4. The League is composed of four teams and all matches will be rolled on Wednesday evenings, the first at 7.00 and the second at 8.15 p. m.

Candle pins are being rolled in place of duck pins this year, for the first time since the league was organized, and the averages, in most cases, are higher than in past years.

In the first match of the season Team No. 2, under Captain Foley, defeated Team No. 1 under Capt. Cain, 5 to 2, taking the first, fourth and fifth strings and the total pinfall. Frank Parcher of No. 2 team was high man for the night with a total of 471 and a single string of 117.

Team No. 4 under Capt. Harold Johnston defeated Team No. 3 under Capt. Jas. R. Ferry in the second match, 4 to 3, winning the first and fifth strings and the total pinfall, the latter by the close margin of four pins. Tom Crawford had the high total in this match with 494.

On Wednesday evening, November 11, Team No. 2 defeated Team No. 4 5 to 2, winning the total pinfall by six pins. Everett Johnston gave the bowlers something to shoot at when he rolled 127 in his fifth string.

Team No. 3 was shut out in the second match of the evening, Team No. 1 taking all seven points. Minshull of the losing string was high man with a five string total of 523. His strings were 95, 127, 117, 100 and 94. Other good strings were turned in by Cain, with 117 and 116, and McGoey and Hamilton with 113 and 114 respectively.

On November 18, Team No. 2 defeated Team No. 3 by the score of 5 to 2. Benner of No. 2 team was high man with a five string total of 516 and single strings of 120 and 112. Wild tied the individual string record of Everett Johnston's when he hit 127. In the second string Team No. 2 had a team total of 511.

In the second match of the evening, Team No. 3 kept up its losing streak, dropping five points to Team No. 2. Capt. Ferry says his team is due to make a comeback soon.

Team No. 2 suffered its first defeat of the season on Wednesday, December 2, when it lost five points to Team No. 1. In losing this match it relinquished its hold on first place.

The best bowling of the season was done on Wednesday evening, December 9, when new records were established for the high single and high five string totals. In the first match Team No. 3 defeated Team No. 1, incidentally their first win of the season, 6 to 1. This match was featured by the bowling of Minshull, who had a five string total of 493 and single strings of 101, 110 and 106.

In the second match Team No. 2 defeated Team No. 4, 5 to 2, winning the total by five pins. In this match Wild established the new record for the high single string with 134, and Harold Johnston, Captain of the losing team established a five string record for the bowlers to aim at when he hit 524. His strings were 106, 100, 100, 115 and 103.

LEAGUE STANDING

	W	L	%	Pinfall
Team No. 2	21	14	.600	11,229
Team No. 1	19	16	.543	11,154
Team No. 4	12	16	.429	9,008
Team No. 3	11	17	.393	8,977

INDIVIDUAL AVERAGES

Minshull	98.1	Lamb	90.2
Benner	94.6	Foley	90.1
Cain	94.3	McGoey	88.7
Crawford, T.	94.2	Driscoll	87.5
Johnston, H.	93.7	Dalton	87.5
Noble	93.1	Crawford, H.	86.5
Wild	92.0	Ferry	86.1
Hamilton	91.0	Johnston, E.	85.1
Connors	90.6	Wood	79.7
Parcher	90.3		

HIGH FIVE STRINGS

Johnston, H.	524	Wild	501
Minshull	523	Cain	494
Crawford, T.	494		

HIGH SINGLE STRINGS

Wild	134	Driscoll	117
Johnston, E.	127	Johnston, H.	115
Minshull	127	Hamilton	114
Benner	120	McGoey	113
Parcher	119	Benner	110
Cain	117		

Tie for First Place in Shop Bowling League

The Shop Bowling League opened its season on Monday evening, October 26, at the Pythian Alleys. The league is composed of four teams this year, the Down Homers and Garage having dropped out.

As we go to press the Bolsters and Speeders are tied for the lead with the Cards two points in the rear. The Yard team, last year's champs, are holding down the cellar position but should improve its standing before the finish of the season.

Hall of the Card team is leading the league with an average of 96.5 while Wentworth of the Bolsters has the high single string with 121, and Walsh of the Cards the high three string total with 307.

On the opening night the Cards took four points from the Yard team, winning the last string by a few pins, and the Bolsters took all four points from the Speeders.

On Monday, November 2, the Yard team dropped four more points, this time to the Speeders. Bailey and Connors of the Speeders turned in three string totals of 305, with single strings of 113 and 120 respectively.

The Bolsters defeated the Cards 3 to 1 on the same evening. Wentworth of the Bolsters hit 121 in his first string and a three string total of 291.

On Monday, November 9, the Speeders defeated the Cards 3 to 1. Bart Connors of the Speeders was high man for the evening, having a high single string of 109 and a three string total of 286.

The Yard team won its first match of the season on the same evening, defeating the Bolsters 3 to 1.

On November 16 the Bolsters defeated the Speeders 3 to 1, and in so doing turned in one of the best totals to date, with Wentworth, Magill and McCracken turning in totals of 294, 293 and 280 respectively. For the Speeders, Joe Hall's single of 119 was the best of the evening.

On the same evening the Cards took four points from the Yard with a team total of 1434 or an average of 95.6 for the evening. Hall and McQuilken had three string totals of 298 and Walsh 307.

On Monday, November 23, the Bolsters were defeated by the Cards 3 to 1, and the Yard continued on its losing streak, losing to the Speeders 3 to 1.

The Yard team won its second match of the season on Monday evening, December 7, defeating the Cards 3 to 1. Camp of the Yard team was high man for the evening with a three string total of 304 and a single string of 110.

By taking three points from the Bolsters on the same evening, the Speeders succeeded in tying that team for first place. Godbout and Joe Hall were high men for the Speeders with totals of 297 and 291. Peltier of the Bolsters had the high single string of the evening with 117.

LEAGUE STANDING

	W	L	%	Pinfall
Bolsters	17	11	.607	9,326
Speeders	17	11	.607	9,406
Cards	15	13	.536	9,334
Yard	7	21	.250	9,285

INDIVIDUAL AVERAGES

Hall, W.	96.5	McQuilken	89.8
McCracken	93.6	Peltier	89.4
Campo	92.9	Nash	88.5
Walsh	92.6	Young	88.5
Bailey	92.5	Crawford, H.	88.0
Wentworth	92.2	Boyd	87.1
Connors	91.5	Crawford, T.	86.6
Davidson	90.6	McGuinness	86.4
Hall, J.	90.5	Wood	84.1
Godbout	90.3	Gahan	83.5

HIGH THREE STRINGS

Walsh	307	Campo	304
Bailey	305	Godbout	297
Connors	305	Wentworth	294
Magill	293		

HIGH SINGLE STRINGS

Wentworth	121	Bailey	113
Connors	121	Crawford, H.	112
Magill	120	Campo	110
Hall, J.	117	Nash	109
Walsh	117	Boyd	108

Interesting Meets Planned for Winter Months

Representatives of the Brookline Boys Club, the Pawtucket Boys Club, the Worcester Boys Club and the Whitin Community Association met at the George Marston Whitin Memorial Gymnasium on Monday evening, November 16, and arranged home and home swimming meets open to boys fifteen years of age and under, during the winter months.

The meets will include the following events and will be scored on a 5, 3 and 1 point basis, with the exception of the relay race; Diving; front dive, back dive, front jack, back jack and one optional dive. Swimming; 20 yard free style, 40 yard back stroke, 40 yard free style, 40 yard breast stroke and 80 yard free style.

A boy may compete in only two events, including the relay race, and no team may enter more than two swimmers in any one event.

Do You Know

That 21,000,000 letters went to the Dead Letter Office last year?

That 803,000 parcels did likewise?

That 100,000 letters go into the mail yearly in perfectly blank envelopes?

That \$55,000 in cash is removed annually from misdirected envelopes?

That \$3,000,000 in checks, drafts and money orders never reach intended owners?

That Uncle Sam collects \$92,000 a year in postage for the return of mail sent to the Dead Letter Office?

That 200,000,000 letters are given this service, and that it costs in one city alone \$500 daily?

And Do You Know

That this vast sum could be saved and the Dead Letter Office abolished if each piece of mail carried a return address, and if each parcel were wrapped in stout paper and tied with strong cord?

Moral: Every man knows his own address if not that of his correspondent. PUT IT IN THE UPPER LEFT HAND CORNER.



West End School Soccer Team, Champion of Graded Schools

Activities at Whitin Community Association

The two big meets for Senior Swimmers will include the 220-yd. Breast Stroke Senior Championship for Men, and the 100-yd. Senior Championship Free Style Race for Women.

This latter race should be the most interesting of the season to all swimming enthusiasts in this section of Massachusetts. Especially to Worcester, and Whitinsville Fans for Worcester will undoubtedly enter the reliable Delma Carlstrom, while Whitin Memorial Pool will have Margaret McSheehy to carry the colors. Whoever wins will have to swim and swim hard. No lover of keen competition in sport should miss this race.

For the last month and a half the girls on the Swimming Team have been working hard to get in condition for the coming season. The first Meet of the season will be with the Worcester Girls on December 12. Not knowing what the result of it will be we cannot say. However, with our very good swimmers of last year's Team plus our new ones this year, the outcome of future Meets as well as this one looks decidedly promising.

Following is the list of girls on the Team: Margaret McSheehy.

It is certainly fitting that her name be mentioned first because of her excellent help to the team in the past.

Joan McSheehy, Josephine Belanger, Marion Bogie, Constance Gough, Agnes Donahue, Constance McSheehy, Veronica Kane.

We are very glad to welcome as new members of the Team: Elizabeth Casey, Mary Stevens, Marion Hickox, Louise Stimpson.

These new members are doing exceptionally well considering the short time they have spent, not only on speed swimming, but any kind of swimming. The dates for future Meets with other outside Teams have not been decided upon as yet.

Do you hang carefulness in your locker with your overalls or do you carry it with you always?



WHITIN MEMORIAL GYMNASIUM STAFF

Front Row, left to right: M. J. Brines, Thos. Colthart, Fred Hathaway, Jas. Davidson, Edw. M. Fisher,
Back row, left to right: Miss Ruth Calhoun, Miss Catherine Van Dyke, Mrs. Collins

Prospects Good for Fast Basketball Team

Candidates for the Whitin Community Association Basketball Team were called out early in November and strenuous practice sessions have been in order since that time under the direction of Coach Fisher. About twenty candidates reported for practice and from that number two teams have been picked to represent the Association during the season.

At present the first team is made up of Newell Wallace, Byron Taft, Mike Jackman, Eddie Connors, Jack Bogie and Eddie Ballard of last year's team and Jack Trinnier and Bill Kearnan of last year's high school team. On the second team are "Zebe" Smith and O'Connell of last years team and Ynte Postma, "Necco" Brown, Jimmie McQuiggan, "Choo Choo" Carr and Mark Patterson.

Eddie Connors has been elected Captain of the first team, succeeding Harold Johnston, who has decided not to play the game this year.

The opening games of the season was played on Saturday night, December 5, the second team playing the Whitinsville Independents and losing

36 to 14. The second team will tackle few stronger teams than the Independents during the course of the season.

The first team took on the Whittall team of Worcester and defeated that organization 36 to 13. Considering that this was the first game of the season, the team made a good showing. There are a few rough spots to be polished off which a few practice sessions will take care of. Mike Jackman, with seven or eight baskets from the floor, was easily the star of the game, while Trinnier played a good game at guard.

Hughie Currie is Manager of the team this year and is busy arranging a schedule that will bring some of the best teams in this section to Whitinsville. Harold Kelliher, assistant manager, is arranging a schedule for the second team.

On January 30 the Life Saving Squad will send a Team to Boston to compete in the big meet for the American National Red Cross Life Saving Corps Championship of New England.

Take anything good but don't take chances.

Tentative Basketball Schedule Subject to Change

Dec. 26.	Brockton
Jan. 2.	Worcester Boys Club
Jan. 6.	Lynn Y. M. C. A. (pending)
Jan. 9.	Crompton & Knowles
Jan. 16.	Pawtucket Boys Club
Jan. 23.	Open
Jan. 30.	Lynn Y. M. C. A. (pending)
Feb. 6.	Worcester Boys Club(away)
Feb. 10.	Worcester Y. M. C. A.
Feb. 13.	Fall River Boys Club (pending)
Feb. 17.	Pawtucket Boys Club (away)
Feb. 20.	Pending
Feb. 27.	Pending
Mar. 6.	Worcester Y. M. C. A. (away)

Swimming Instruction Open to the Public Week of January 19

During the week of January 19, Captain John Manning of the Humane Society, will be in Whitinsville to instruct in swimming.

The Whitin Community Association feel that everyone should have the privilege of receiving the splendid instruction in swimming which Captain Manning is capable of giving. Therefore, it has been decided to allow everyone in the town of Northbridge to come to the Whitin Memorial Pool, at the hours which Mr. Manning will designate later.

The only charge will be the regular charge for towels.

New Physical Director is Appointed

Mr. Edward M. Fisher, the new Physical Educator for men at the Whitin Memorial Gymnasium, has already won the confidence and respect of the men by his quiet and efficient manner.

He comes to us with a splendid equipment, having been an athlete all his life. In aquatics he specialized in diving and swims the 100-yd. Free Style. As a basketball player he has



Edward M. Fisher

gained considerable reputation, playing with the professional Reading Team, coaching for three years at Mount Hermon Academy where he also acted as assistant in the Gymnasium the last two years of his course.

Mr. Fisher then went to the Springfield Training School, recognized as the leading school in the country for the training of physical educators, where he distinguished himself in basketball and acted as a swimming instructor.

During the war he served in the U. S. Army. Its close found him in Coblenz with the Army of Occupation and he remained abroad for four years acting as a specialist in Physical Education. Here he made an excellent record doing some brilliant work in the School for Non-Commissioned Officers.

Mr. Fisher had a splendid experience in assisting the American Relief work at Smyrna. Last year he did graduate work in Physical Education and Administration at Harvard University.

At the time of Mr. Fisher's acceptance of the position at the Whitin Memorial Gymnasium he was offered two other positions in school work in New Jersey.

Mr. Fisher's work with the Basketball and swimming Teams has already proved that he is a coach of unusual ability.

Boy Rangers Troop Or- ganized at Gymnasium

Through the interest shown by M. J. Brines, Executive Secretary of the Whitin Community Association, Fred Hathaway has been able to organize a troop of Boy Rangers, an organization taking in boys between the ages of eight and twelve.

It is a known fact that at this period of youth, playing Indian is the one game that seems to have an irresistible and universal appeal. Knowing this fact has led to a program based on Indian lore, from the habits, customs, games and codes of aborigine Americans.

Indian lore is Indian wisdom. The Indian, through his intimate contact with nature, absorbed the elemental principles of right living. These truths are trying to be made attractive to boys, with what may be termed paint and feathers, and through their influence boys of tender ages are taught habits of trustworthiness, self-reliance, observation, courage, honesty, cleanliness, kindness and helpfulness.

There are four degrees in the Rangers, namely Papoose, Brave, Hunter and Warrior. Advancement is attained through right conduct and the passing of tests appropriate to the assumed development of the young Indian. Each of the grades carries an insignia to be worn by the Ranger of that degree. There are twelve Golden Feathers to be won by various acts of service, corresponding to the twelve tail feathers of the golden eagle.

The Boy Rangers meet at the Whitin Community Association every Saturday afternoon, at 2.00 P. M., and all boys between the ages of eight and twelve are invited to attend.

Not if He's a Good Shot

"Do you think he will miss me," sang the entertainer in a cracked voice.

"If he does he ought never to be trusted with a gun again," shouted one of the irate audience.

A man loses his hair long before he loses his vanity.

Soccer Team has Poor Season

The Whitin Machine Works soccer team of the Triangle Industrial League has had one of the poorest seasons since joining that organization. The team succeeded in winning but one of its regularly scheduled games, tied two and lost four. The team has one more game to play, a return game being scheduled for Vail Field with the Draper team.

When the Norton team defeated the Whitin team on Saturday, October 24, they practically clinched the pennant, but made it sure on the following Saturday when they defeated the Draper Corporation.

The Whitin-Norton game at Worcester on Saturday, October 24, was a closely contested game, more so than the score of three to one would indicate. Eddie Nuttall put Whitins in the lead with a goal in the first half, which ended 1 to 0 in our favor. The Norton team showed a complete reversal of form in the second half and scored three goals in rapid succession which proved to be enough to win the game. The line-up for Whitins was Lightbown, goal, Davidson, J. right back, McFarlane, left back, Holmes, left half back, Jardine, center-half back, Cowburn, right half back, Smith, outside left, Davidson, Jimmie, inside left, Nuttall, center forward, McCracken, inside right and Jackson, outside right.

In a return game at Vail Field on Saturday, October 31, the Norton team again defeated Whitins, this time by a score of 5 to 2. Superior work on the part of the Norton forward line and a strong defence accounted for the win. Jimmie Davidson and Radcliffe scored the goals for Whitins. Holmes, Cowburn and Jackson were the outstanding players for the home team. The home team's lineup was McCracken, goal, Davidson, left back, McFarlane, right back, Holmes, left half back, Jardine, center half back, Cowburn, right half back, Smith, outside left, Radcliffe, inside left, Nuttall, center forward, Lightbown, inside right and Jackson, outside right.

Two games were played during the week of the twenty-eighth, one



with the Scandinavian B team of Worcester and the other with the American Optical Company in Southbridge. The boys succeeded in defeating the Worcester team 3 to 2, but dropped their second game of the season to the Optical team, 5 to 2.

Due to the inability of the regular goal tender to play in the Norton game at Worcester, Frank Lightbown acted as goal tender. This was the first time Frank ever played this position, and the boys informed him that they hoped it was his last appearance in that position. Evidently Frank played a good game.

Bill Radcliffe made his first appearance in a Whitin uniform on Saturday, October 31. Previous to that time Bill had been acting as a league referee. Bill, we have been told, is a good referee.

The boys have high hopes of defeating the Draper Corporation team in their remaining league game. This game is to be played at Vail Field.

Suitor: "Mr. Perkins, I have courted your daughter for fifteen years."

Perkins: "Well, what do you want?"

Suitor: "To marry her."

Perkins: "Well, I'll be darned, I thought you wanted a pension or something."

—Exchange

High School to Play New York Team January 1

The Scoharie High School of Scoharie, New York, which plays the Northbridge High School Basketball Team at the Whitin Memorial Gymnasium on New Year's Night, has made a fine record in its trips to the East. Last year they played Norwood's fast team. It was a very tight game, Norwood winning by a narrow margin. The interest created in this game has won for them the return game this year with Norwood.

Scoharie is a town with a splendid community spirit and the boys of the Team are given a trip East to the historical points in New England as a part of their reward for good sportsmanship and loyal effort.

A fast game is anticipated and especially interesting because it should show two different styles of play.

Formerly Done With a Club

"How much are yer fish, Mr. Goldstein?" "Eight cents a pound, Mrs. O'Brien." "I'll take two of them. How much will they be?" "Let's see. Eight pounds—eight times eight are eighty-four. Take 'em for seventy-five cents, Mrs. O'Brien." "Thank ye, Mr. Goldstein, I'll do that. Ye're always good to the Irish—I'll say that fer ye."

—The Mill.

The Elm Tree Club

Resolved—That we, the members of the Elm Tree Club do hereby express our disapproval of the destruction of our "old homestead" at the hands of the Tree Warden.

(Signed) The Members.

This resolution was unanimously passed at a meeting of the club held just before the large elm tree at the foot of Forest Street was removed. Since 1882 the club, started by the late John T. Brown, A. R. Fletcher and James R. Ferry, held daily meetings under this tree during the noon hour. Soon the membership increased until the numbers were too great to be sheltered under the historic elm. Many heated discussions were held, and political reputations made and unmade.

The removal of the tree may be an advantage, so far as the safety of auto drivers is concerned, but after forty-three years close association, its passing seems like the loss of an old and dear friend.

No new quarters have as yet been secured for the club. Perhaps the members feel that the time when their tree fell before the woodman's axe should also see the termination of this unique and valued adjunct to our Community life. We hope not. Such an organization should be perpetuated so long as citizens run for office and government by the people continues to endure.



"Showers"

Miss Jesse De Boer of the Production Department was presented with a floor lamp by the young ladies of the offices at a shower held in her honor at the social rooms of the Whitinsville Fire Department on Tuesday evening, November 13.

Among those present were Alma Bassett, Alice Ferguson, Marion Wood, Irene McCool, Mrs. Allan McCrea, Isabelle Hamilton, Catherine Scott, Catherine Munt, Mrs. Raymond Barlow, Jane Currie, Helen Cotter, Lucia Bates, Margaret McKaig, Ethel Kenney, Nellie Vail, Mrs. Hamblin Sylvester, Mrs. George B. Hamblin, Florence Baldwin, Mary Cook, Susan Pollock, Eva Feen, Mary Britton, Doris Aldrich, Helena Roche, Dorothy Vanderschaft, Betty Graham, Mrs. George Bliss and Gwendolyn Searles.

Mrs. Gertrude Barlow was presented with a beautiful floor lamp on Tuesday evening, November 13, by the girls of the offices, at the social rooms of the Whitinsville Fire Department, in honor of her fifth wedding anniversary.

Think of yourself and the doctor won't have to think of you.

Be not minute wise and life foolish.

A Tough Witness

A young foreign-born was being tried in court, and the questioning by the lawyer of the opposite side began:

"Now, Lasky, what do you do?"

"Ven?" asked Lasky.

"When you work, of course," said the lawyer.

"I work."

"I know," said the lawyer, "what at?"

"At a bench."

"Ah," groaned the lawyer, "where do you work at a bench?"

"At a factory."

"What kind of a factory?"

"Brick."

"You make bricks?"

"No, de factory is made of bricks."

"Now, Lasky, what do you make in that factory?"

"Four dollars a day."

"No, no; what does the factory make?"

"A lot of money, I tink."

"Now listen; what kind of goods does the factory produce?"

"Ah," said Lasky, "good goods."

"I know, but what kind of goods?"

"De best."

"The best of what?"

"De best there is."

"Of what?"

"Of dos goods."

"Your honor," sighed the lawyer, "I give up."

—Youngstown Sheet & Tube Bulletin



ELM TREE CLUB 40 YEARS AGO
John T. Brown and A. R. Fletcher

A moment of carelessness may mean a lifetime of regret.

Golfers or Goofers?

On any pleasant Saturday or Sunday afternoon during the months of October and November, the residents of New Village living near Vail Field had the opportunity of witnessing some thrilling golf matches between Daniel C. Duggan, foreman in the Outside Yard force, William Walsh of the Roll job and Jeremiah Haggerty of the Foundry. The trio have a private three hole course on Vail Field and, we understand, are becoming quite proficient at the game. We understand that Jack Shaw is contemplating taking up the game in the Spring. Par for the course is twenty, and it has been broken on numerous occasions.

Swimming Schedule

Boys' Senior Swimming Team have dates pending with:

Gardner at Gardner in April.
Gardner at Whitinsville in April.
Brookline.
Worcester Boys' Club.
Pawtucket.

Also with two High Schools. Cambridge and Rindge High School of Cambridge.

The schedule for the Boys' Junior Swimming Team is as follows:

Dec. 12—Brookline at Whitinsville
Dec. 23—Brookline at Brookline
Feb. 6—Worcester at Whitinsville
Feb. 20—Pawtucket at Whitinsville
Feb. 27—Worcester at Worcester
Mar. 13—Pawtucket at Pawtucket
Apr. 3—Boston Boys' Club at Boston
Apr. 17—Boston Boys' Club at Whitinsville

Dates with the Juniors Boys' Team of the Metropolitan Swimming Club have not yet been arranged.

Two Junior Men's Championships, the 100-yd. Breast Stroke and 100-yd. Free Style will undoubtedly be swam in the Whitin Memorial Pool.

Holding His Own

First Steno—I saw you out auto riding with a gentleman, and he appeared to have only one arm, is that all he has?

Second Steno—Oh, no, the other was around somewhere.



Upper left: Wrecked German Plane.
Lower left: Detention Camp.

Upper right: Part of the Rhine.
Lower right: Captured German Planes

The entertainment committee has secured Joe Herlihy's Venetian Garden orchestra for the dance on Wednesday evening, December 30. This orchestra is one of the best in the business, having played at the Venetian Gardens in Montreal, Lyonnhurst's at Marlboro and is at present at the Music Box in Boston. This is one of the best dance orchestras which has ever come to town and the entertainment committee is to be congratulated on securing such a good orchestra.

Some time ago Sally Jones, hunter, fisher and baseball player of the Pattern Loft, told Jack Jowett if he ever had the chance to partake of a nice dish of woodcock never to pass it up. Jack took in a football game one Saturday in November and following the game decided to look around for a place to eat. After finding a place Jack looked over the bill of fare and noticed that Sally's favorite dish was on the list. He immediately recommended the dish to his friends on the strength of Sally's statement and the order was soon placed. Imagine his surprise when that well known dish "scrambled eggs" was placed before him. Sally thinks someone else got the woodcock by mistake, but Jack says he is off it for life.

Safety is a habit; cultivate it.

The above pictures were brought in by Edward Kane of the Screw job, and were taken while he was in the service in Spain and France during the world war. Mr. Kane served in the 101st Flying Corps which was attached to the Yankee Division. He was later attached to the fourth Army Corps and also spent some time with the Army of Occupation in Germany.

Previous to entering the service Mr. Kane was employed in the shop, and returned to his old job here on receiving his discharge.

John Spencer, foreman of the Piping department, recently returned from Tampa, Florida, where he had spent a few weeks looking over some property of his in that section. Jack says business is booming there and that numerous tent colonies have appeared due to the influx of people from all sections of the country.

While in Florida, Jack made a call on Harry Hazelton, formerly foreman of the Electrical department, and reports that he is looking healthy and prosperous.

Jack was much impressed with what he saw of Florida but says that he is very well satisfied with New England.

An optimist is a cross-eyed man who is thankful he is not bowlegged.

Harold Cummings gets 250 Pound Buck

Harold Cummings of the Tool job was the first hunter in town to meet with success during the open season on deer. He set out bright and early Monday morning, December 7th, together with Bill Britton of the Electrical department, and at half-past seven or near that hour, he brought down a 250 pound ten prong buck.

We understand that Sally Jones had his address on the tail of this buck but evidently he overslept that morning.

Junior Girls Swimming Team Formed

A Junior Girls' Swimming Team has been started for the first time. Barbara Greenwood, Millicent Cramp, Claire Walker and Ula Hanny are the only four who have qualified for the Team as yet, but several are working hard with that end in view. Our hope for future champions rests on these girls and others who will soon be like them. Some of the Intermediate Girls will have to look to their laurels because one or two of these Juniors are fast catching up to them, if they are not already there.



First row, left to right: Graham, Horan, Bazner, Liberty, Walker, Brines, Redmond, Filebosian, Capt. elect. Second row, left to right: Buma, Melia, Stevens, Jones, Cambo, Asdikian, Kelliher, R. Sullivan, Johnston, McGuinness, Lamb. Third row, left to right: J. Sullivan, Garabedian, Driscoll, asst. mgr., Bedford, Mgr., Bigelow, Capt., La Plante, Coach, Marshall, Currie, Asst. Mgr., McClellan.

"A Trip Through The Whitin Machine Works"

The souvenir booklet of the above title can be bought for \$1.50 by anybody. Get in touch with Mr. Meek in the Pay Roll Department.

January 1. Basketball Game

Northbridge High School versus Scoharie High School of Scoharie, New York.

High School Team has Successful Season

The Northbridge High School football team completed another successful season on Saturday, November 14, when it defeated the Bartlett High team of Webster, in Webster, by the decisive score of 24 to 0, outclassing the home team throughout.

Although handicapped by the loss of a number of stars from last year's team, Coach LaPlante succeeded in moulding together a team which gave a good account of itself, winning seven games, losing one and tying another. The team will be hard hit by graduation, losing Capt. Bigelow, Horan, and McClellan from the line and Graham, Liberty, Campo and Sullivan from the backfield.

The personnel of the Boys' Swimming Team Squad (15 years of age and under) is as follows: William Baszner, William Brines, Arthur Broadhurst, Geoffrey Gough, Jack McSheehy, Leland Metcalf, Eric Jackson, Buddy McSheehy, Murray Stevens, James Bollivar, Harry Drinkwater.

A highbrow is a man educated beyond his intelligence.



Views of Pollock River in New Brunswick, taken by Claude Gilson, foreman of the Oil Room



Peter Lemoine

Our Long Service Series

Peter Lemoine of the Foundry has joined our group of forty-year service men, having completed forty years in July of this year.

Mr. Lemoine entered the Whitin Machine Works in 1885 and was first employed pegging cylinders under George Armsby in the Carpenter Shop. He was later transferred to the Milling job under Leslie Wade and from there to the outside yard under Henry Cook, where he worked as a teamster. After a few years in the yard he was transferred once more, this time to the Spindle job under Henry Woodmancy. From there he went to the Foundry, where he worked for Cole, Lincoln and the present foreman, C. T. Moffett. He was later transferred to the Carpenter Shop and in February of this year was transferred back to the Foundry, and is at present in charge of the men on the stack.



FOUR GENERATIONS OF THE GRAVES FAMILY

Benj. R. Graves, one of the fifty-year men of the Whitin Machine Works; Henry A. Graves, son; Mrs. Hazel Graves Kelly, granddaughter; Leonice May Kelly, great granddaughter.



The above puzzle was contributed by Yelle Hooyenga of the Drafting Room

All For One Cent

An old English lady looked out of a car window as the train drew into the station, and, hailing a little boy, said:

"Little boy, are you good?"
 "Yes'm."
 "Parents living?"
 "Yes'm."
 "Go to Sunday School?"
 "Yes'm."
 "Then I think I can trust you; run with this penny and get me a bun, and remember God sees you!"
 —Ex.



"Choo choo" Carr taking up the Scotch game under "Necco" Brown's instruction



"Choo choo" Carr's "All American" Team

Keep moving. The place for statues is in the park.



The
WHITIN
Spindle



Fountain in Park on G. Marston Whitin Estate

JAN.-FEB.
1926
Vol. 6 No. 7



(1) Entrance to Library (2) View showing Lobby, Main Desk and Book Files (3) Senior Reading Room (4) Children's Reading Room

The Whitinsville Public Library

The real beginning of the Whitinsville Social Library was on December 10, 1844. On that date several citizens of the town called a meeting to consider the establishment of a library. Mr. Paul Whitin was asked to preside. He stated that Miss Sarah Fletcher had left, as a legacy, the sum of \$100 to be appropriated to such a library whenever it was considered best to start one, and that this sum, together with the interest on the same, was now available. It was voted to found the library and the Rev. L. F. Clark, Horace Armsby and Leander Groton were appointed a committee of three to draft a constitution. With some amendments this constitution was adopted Dec. 17th and the society was organized under the name of "The Whitinsville Social Library." The Rev. L. F. Clark was chosen president. A month or two later there were eighty six subscribers and two hundred and fifty books had been purchased.

For the first part of its life the library was strictly a private affair. It was located over Dudley Brothers store in a corner of what was then the "Chapel" of the Congregational Society and was only open one evening a week from eight thirty until ten o'clock. The subscribers paid a dollar and a half as an initiation fee and after that one dollar a year, ministers and teachers, however, being allowed to use the library without charge. No one was permitted more than two books at the same time.

In 1858, with eight hundred and eleven members, the Society incorporated under the provision of the forty first chapter of the Revised Statute of Massachusetts.

Two years later a legacy of \$500 was received from the estate of Ezra W. Fletcher. It was voted to keep this sum and any other that might be received later, intact and to use the interest only for the purchase of books.

When, in 1876, the Memorial Hall was built, two rooms were

rented to the Society and the library was moved to them. That same year the members decided to offer the free use of the library to all the townspeople. It was voted:

"To make the Library free to the inhabitants of the town of Northbridge, subject to such Rules and Regulations as the Association or Corporation may adopt, upon condition that the Town shall annually appropriate and pay to the Treasurer of the Corporation for the maintenance and support of said Library a sum not less than Three Hundred Dollars. The Library ceasing to be free to the inhabitants of said town when the Town ceases to make the above mentioned annual appropriation for its maintenance and support."

At the next annual meeting in March the town accepted the offer and from that date on the library has been free to any resident of Northbridge.

The library remained in Memorial Hall until June of 1913 when it was moved to the beautiful building which it now occupies. This was given to the town by Mr. Edward and Mr. Arthur Fletcher Whitin and was accepted at the annual meeting of April 2, 1917. It is built of Uxbridge granite in the Georgian style of architecture and is panelled from floor to ceiling with California redwood. The carved screens which divide the ends of the main hall into the Children's and Senior Reading rooms are also of redwood, hand carved and hand colored.

In keeping with the outside of the building the grounds are laid out in formal English fashion with low oblongs of Japanese yew, relined by taller cedars and barberries. The architect was Mr. R. Clipston Sturgis who also designed the Brookline Public Library and Perkins Institute for the Blind.

The building is not only architecturally beautiful but it is splendidly arranged for library purposes and its ever increasing patronage proves that the residents of Northbridge appreciate their gift.

Perhaps the growth of the library may best be shown by comparing the changes that fifty years have brought:

	1875	1925
Volumes in library	not given	16,195
Books added	58	2,702
Circulation	3,824	71,533
	(including Rockdale Branch)	

Story of the Library Seal



The Library seal which is carved over the main entrance door, is designed in the form of a shield. In heraldry this is by far the commonest form, doubtless because the whole science sprang from the need of some insignia that could be blazoned on a Knight's shield, and thereby enable friend to recognize friend. Color is always shown by the absence or presence of carved lines and the direction in which these lines are cut across the face of the field.

The lower half of the Library seal, which was designed by Mr. Sturgis, shows a black rock on a field of blue and silver wavy bands. That black rock is to suggest the Blackstone River, the point being further brought out by the wavelike bands above. This is the usual manner of representing water or a river, in the English College of Heraldry. Above the river, on a plain blue field is an open book with gold leaves and gold edges, this is to typify the library and education. The two "V's" on its pages stand for the volumes contained in the building, yet, united, form a "W" for the Whitin family who erected the building and gave it to be "Maintained forever as a free library for the use of the citizens of Northbridge."

If an English Herald were to read the seal he might translate it thus: "The seal of the Library given by the Whitin Brothers, which stands near the Blackstone River."

Textile Fibres

By George Gannon

In the manufacture of the various fabrics of today there are many different textile fibres used and these same fibres are surprisingly similar, yet distinguishable under the microscope. From their origin a simple classification may be made.

1. Animal fibres.
2. Vegetable fibres.
3. Artificial fibres.
4. Mineral fibres.

Animal fibres are those which are obtained from animal life, such as wool, silk and various others such as solid filaments formed from a liquid secretion of certain caterpillars, spiders and molluscs, etc.

Wool may be specifically designated as a variety of hair growing on certain species of mammalia such as sheep, goats, etc. The unmodified term "wool" has special reference to the product obtained from the different varieties of sheep. The wool bearing animals belong to the order "Ruminantia" which includes those animals that chew their cud or ruminant such as sheep, goats, camels, etc.

The sheep belong to the class "Ovidae" and there are innumerable varieties, but we may classify them generally, (a) *Ovis aries*, usually called domestic sheep; (b) *Ovis musmon*, native to Mediterranean sea; (c) *Ovis ammon*, wild or mountain sheep in Asia and America.

Figure 1 shows a micrograph of the different varieties of wool. Mohair is a fibre obtained from the Angora goat, an animal which appears to be indigenous to Western Asia and around Turkey, and now raised in our own Western states. The term mohair today includes the fleece of goats of various crosses with the true Angora.

Figure 2 shows a micrograph of Mohair fibre.

Cashmere is the product of the Thibet Goat and is remarkable for its softness—it is interesting to note that this is the fibre used in the famous Indian Shawls. Figure 3 shows a micrograph of Cashmere.

Alpaca and its varieties, Vicuna and Llama are the product of the

Llama goat. They have the disadvantage of being either brown or black. The name Alpaca is also given to a wool-substitute, but true Alpaca is obtained from the cultivated South American goat "*Auchenia paco*." Figure 4 shows a micrograph of Alpaca.

Vicuna Wool is another South American product obtained from "*Auchenia Vicunia*." See micrograph Figure 5.

Llama fibre, this wool comes from the cultivated animal "*Auchenia Llama*." Figure 6 shows a micrograph of Llama.

Camel hair is used to quite an extent in clothing material and is characterized by great strength and softness. For micrograph see Figure 7.

Goat hair is often used. It is the product of the common goat and is shown in Figure 8.

Cow hair is extensively used as a low grade fibre for coarse carpet yarns, blankets and cheap felted goods. See Figure 9.

Horse hair though not used much in ordinary textiles, is much used in upholstery. See Figure 10.

Cat hair is shown in Figure 11 and Rabbit hair in Figure 12.

Silk is the product of the silk worm. True silkworms belong to the general class "Lepidoptera" or more specifically to the genus *Bombyx*. See Figures 13, 14 and 15. Besides the mulberry silkworm or "*Bombyx mori*" there are many other varieties of caterpillar which produce silk.

Spider silk from *Nephilia Madagascariensis*. The egg receptacle is a silky cocoon about 1 inch in diameter and of yellow color. The silk is reeled off from the spider 5 or 6 times a month, after which it dies after giving about 4,000 yards. About a dozen spiders are locked in a frame, the ends of their web collected in a common thread and the reel is set in motion. It is interesting to note that a thread of 19 strands, 55,000 yards long, would only weigh about 350 grains.

Antheraea yama mai, native of Japan, feeds on oak leaves.

Antheraea pernyi, native of China, feeds on oak leaves.

Antheraea assama, native of India, and the *Antheraea mylitta*, also of

India, feed on castor oil plant leaves.

Attacus ricini, found in Asia and America, known as Eria silk. One member of this species "*Attacus Atlas*" is perhaps the largest moth known.

Anaphe species—a member of this family is found in Uganda and other parts of Africa. It feeds on fig tree leaves. They construct large nests inside of which they form their cocoons in considerable numbers. The entire nest, together with the cocoons, is composed of silk and the whole product is capable of being used as waste silk. Wild silk is very difficult to unwind as compared with mulberry silk.

Byssus silk, also called "Sea Silk" is obtained from a marine mollusc, *penna mobilis*. See Figure 16.

Vegetable Fibres

All commercial cotton is derived from seven species of the *Gossypium*. Figure 17.

1. *G. Barbadosense*, long stapled and silky as Barbadoes, Sea Island, Egyptian and Peruvian. See Figure 18.

2. *G. Herbaceum* includes most of the cotton from India, Southern Asia, China and Italy.

3. *G. Hirsutum* includes most of the cotton from the Southern United States, also known as upland or peeler cotton.

4. *G. Arboreum* includes cotton from Ceylon, Arabia, etc. This plant often grows 18 feet high.

5. *G. Peruvianum* from Peru and Brazil is a plant that differs from the others in that it is perennial.

6. *G. Tahitense* is from Tahiti and the Pacific Islands.

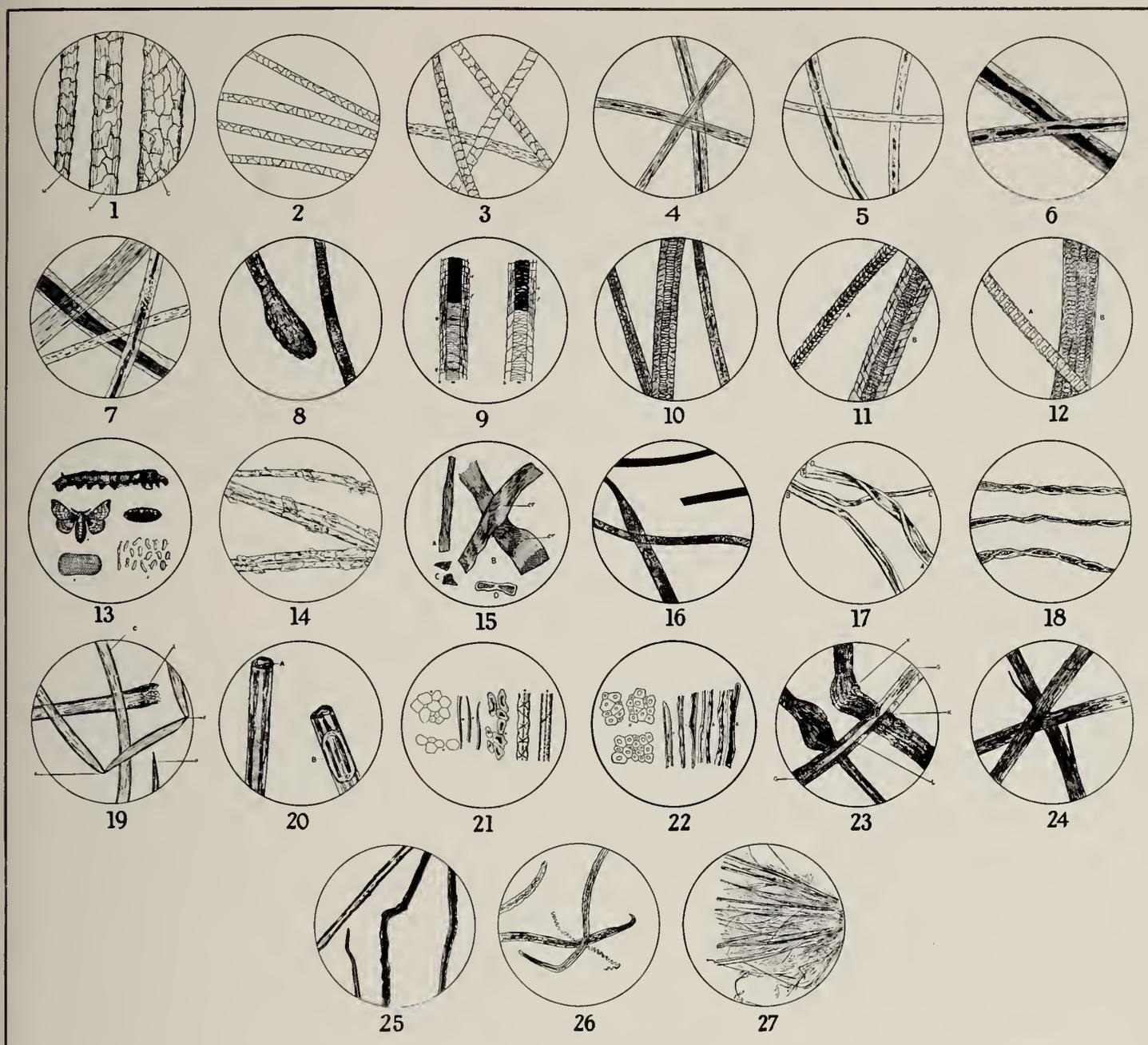
7. *G. Sandwichense* is from the Hawaiian Islands.

Besides the cotton obtained from the *Gossypium* family there is a seed hair used from the *Bombaceae* family called vegetable down. Figure 19.

Kapok is also a seed hair of *Eriodendron anfractuosum* from South Asia and East India.

Vegetable silk is another seed hair from *Asclepias Syriaca*, grown in America. See Figure 20.

Another, and the best vegetable silk, is obtained from *Beaumontia grandiflora*.



Vegetable wool is obtained from the green cones of the pine and fir by process of fermentation from which the famous hygienic flannels are made when mixed with wool.

Linen is obtained from flax or *Linum usitatissimum*, from France, Ireland, Belgium, Holland, Russia and the United States and Canada. See Figures 82.

Jute is a fibre obtained from the best of various species of corchorus, the most important being Jews Mallow or *Corchorus Capsularis*. This plant grows 10 to 12 feet in height. See Figure 22.

Ramie or China grass is the fibre obtained from the bast of the stingless nettle or *Boehmeria*. In reality

there is a very great difference between Ramie and China grass. Ramie is *Boehmeria tenacissima* which grows in tropical countries. China grass is *Boehmeria nivea* and it grows chiefly in the temperate zones. The ramie plant is of more robust habit and has large leaves which are green on both sides. The China grass has leaves which are white feeted beneath. The use of both of these dates back many years ago in Chinese literature. See Figure 23.

Hemp is a name given to a large number of bast fibres, more or less analogous in appearance to properties. Common hemp comes from *Cannabis Sativa*. Figure 24.

New Zealand Flax is obtained from

the leaves of the flax lily, "*Phormium Tenax*." Figure 25.

Pineapple Fibre or Silk Grass is obtained from the pineapple plant "*Ananas Satina*."

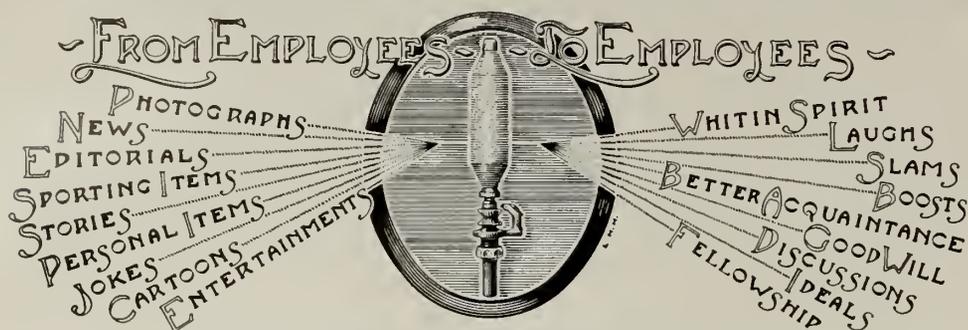
Coir Fibre is obtained from the shell of a cocoanut, Figure 26.

There are numerous other fibres of much less importance than those given and we would refer the reader to "*Matthew's Book on Textile Fibre*" for a very interesting treatise.

Artificial Fibres

1. See last issue of SPINDLE on Artificial Silk.

2. Spun Glass is drawn out glass. This can be made so fine that it



Published Monthly by Employees of the Whitin Machine Works, Whitinsille, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

1926

By E. Kent Swift

It is said that "A prophet is not without honor save in his own country," and at the beginning of the year I think that every one likes to look back over the last year, and then, in view of the lessons of the preceding year, turn to the new year coming to see what we think may be in store for us.

It is with great pleasure that I can report to the readers of the SPINDLE that every indication seems to point to better times than what we have been experiencing during the past two or three years in the textile field. The textile mills running on either cotton or wool, and those industries which serve their needs, have been through one of the most severe depressions in the history of the industry. Numerous causes have been assigned to account for this. It is probably due to the jolts which our economic and industrial structure had from the War and the period of expansion and activity immediately following. The after-effects of this expansion period lasted very much longer and were much more severe than was anticipated. There are promising signs today that these conditions have now been remedied, and the great textile industry, particularly the cotton trade, has passed

the corner and can look forward to better conditions, more employment and more volume of trade.

Business is still being done on a very intensive competitive basis with very close margins on sales, and the writer does not look for any great boom or unusual prosperity, but we do look forward to a steadily improving condition in the cotton industry which, in time, will reflect itself in added demand for the product which Whitin Machine Works is in a position to supply, and this, in turn, means more employment and steadier work than we have had in the last two years.

I think that the message of the New Year is that while prices will be low, yet business will be done in increasing volume. We enter the year well prepared, I think, to meet its demands, and we ask, and hope to receive, as we have in the past, the full and hearty cooperation of all those associated with the Whitin Machine Works. This Shop is well organized and balanced to meet this demand. "With good will toward all, and malice toward none" and with a spirit of cooperation between all departments, there is no reason why the year 1926 should not be a happy one and a busy one for us all.

Application

Every day we see men of only average talent passing their more brilliant brothers on the road to success, simply because they are possessed of that blessed trait of application. No matter what your natural ability may be, its real value can only be brought out by means of good, hard work. What a man does, is the real test of what a man is.



John McClellan

Our Long Service Series

We are glad to welcome to our list of forty year service men, John McClellan, of the Card Erecting job. On entering the shop Mr. McClellan was first employed on the Loom job under Malcom Burbank and after a short stay there he was transferred to the Bolster job. He was later transferred back to the Loom job, which was in charge of Joshua Dale, and in 1895 was transferred once more, this time to the Card Erecting job, and on which job he has been employed since that time, working first for Joseph Schofield and then for Albert Birchall, the present foreman.

The Dub

Specially written for Forbes

BY TED OLSON

There were others more consciously clever.

There were others more nimble of tongue,

Who were sure to be present whenever
There were self-plucked bouquets
to be flung.

In fact, in a place of such polish and grace,

The only thing under the sun
To distinguish the lad was a way that
he had

Of getting things done.

Twist Drill Grinding

Machine grinding is most economical on drills larger than $\frac{3}{8}$ " ; hand grinding is sometimes resorted to on drills $\frac{3}{8}$ " and smaller.

Carbon drills should be ground under a flow of water, not a dribble, otherwise the heat generated will draw the temper if an attempt is made to work rapidly.

High speed steel drills are being ground successfully by both the wet and dry methods.

The Essential Points

The essential points in connection with drill grinding are:

Keep the two cutting lips of equal length.

Keep the cutting edges as near straight as possible.

The cutting lips must form equal angles with the axis of the drill (usually 59°).



Twist Drill Grinding

Get sufficient lip clearance, but not too much back of the cutting edges.

If the cutting lips are of different lengths and at different inclination to the axis, the point is off center and the hole drilled will be over-size. Such a drill is also laboring under a severe stress and is not receiving proper support from the metal in which it is operating.

Clearance.

One of the very important considerations in twist drill grinding is the lip clearance or "backing off" of the cutting edges. Insufficient clearance is one of the principal causes of drills split through the web. If the drill is not properly cleared on the heel (the outside cutting corner) it will not take heavy cuts and will strain the drill. Where



Lips of Different Inclinations

heavy feeds are used, the clearance should not be less than 12° and for softer metals it should be increased to 15° . This angle referred to is at the outer cutting edge, but it should increase back of the cutting edge so that the line across the web will be 45° with the cutting edges.

The Washburn Shops of the Worcester Polytechnic Institute, are authority for this statement:

"In order to grade the clearance properly along the drill lip from point to periphery and shape the back side of the cutting edge so that maximum endurance and strength, consistent with free cutting, are preserved at all points, it is necessary that every portion of the cutting lip should, while being ground, rock against the grinding wheel in a path very similar to that in which it travels when at work. If, while at work, these portions of the drill lip near the point travel in shorter paths and smaller circles than the portion near the outer corner of the lip, then this condition should exist when the drill is being ground."

It is common practice for operators to grind one side of the drill larger because it works easier. This is



Lips of Different Lengths

true particularly on large, long drills. Any one who has this habit must not lose sight of the fact that with one side of the drill larger he is sure to get a larger hole than the drill is intended for. This practice is not at all safe with small drills.

Point Thinning

The two cutting edges of a drill cannot possibly meet at the center, otherwise there would be no web. The web is made thicker at the shank of the drill than at the point. The thicker this web, the more power is required to force the drill into the metal. If this non-cutting web center is thinned to about one-third of the web thickness, the drill will require less pressure and better work will result.



Lips with Different Inclinations and Different Lengths

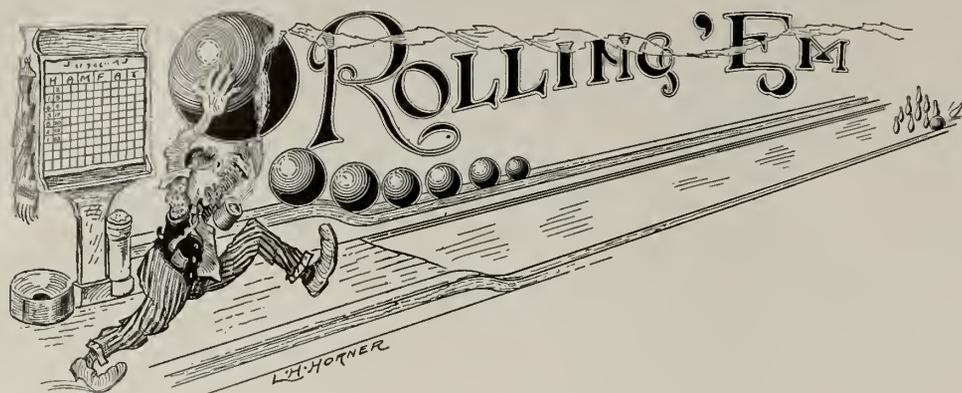
Many experiments have been made with drills before and after the point has been thinned. In one such test where a $2 \frac{13}{16}$ " drill with a web $11/32$ " thick was being used, it required two and one-half times more pressure to feed the drill before the point thinning than after the drill had been correctly thinned. The operation of point thinning a drill is a delicate one and requires skill on the operator's part.

The principal thing to look out for

Continued on page 16, column 2



A Point Thinned Drill



Bolsters Lead Shop Bowling League

The week ending February 13, finds the Bolster team leading the Shop Bowling League with the Speeders in second place. The Bolsters had what looked like a safe lead at the end of January but the loss of seven points out of eight while the Speeders were winning two matches reduced this lead somewhat. The Yard team, last year's champions, are holding down the cellar position but have hopes of getting out before the schedule is completed.

Both the high three strings and the high single string records have been broken since the last SPINDLE was issued. On January 11, Wentworth of the Bolsters hit 349 for a total with single strings of 124, 106 and 119, and on Monday evening, February 8, Davidson of the Yard team broke the high single when he hit 129.

On Monday evening, December 14, the Cards defeated the Bolsters 3 to 1, winning the first and third strings and the total. Peltier of the Bolsters was high man for the evening with a three string total of 314 and a high single of 112. The Yard defeated the Speeders by the same score on the same evening. Ordinary scores were the rule in this match.

The Speeders and Cards broke even on December 21, the former winning the first string and the total and the Cards taking the second and third strings. Connors of the Speeders, with 303, did the best bowling of the evening. Hall for the Cards had a high single of 116 in his third string.

The Cards defeated the Yard on Monday evening, December 28, taking the first and second strings and the total pinfall.

On January 4 the Yard team took three points from the Speeders. Campo of the Yard team with single strings of 111 and 100 and Godbout of the Speeders with 291 for a three string total were the high rollers of the evening.

The Bolsters defeated the Cards on the same evening 3 to 1. McQuilken of the Cards with 291 for a three string total was the high man of the evening.

The Bolsters set a fast pace on Monday evening, January 11, taking four points from the Yard, hitting the pins for a high team total of 1488. Wentworth, with 349 for three strings, gave the rest of the bowlers a mark to shoot at for the remainder of the season. Peltier of the Bolsters and Gamelin of the Yard also had totals of better than 300, hitting 301 and 305 respectively.

The Cards defeated the Yard 3 to 1 on the same evening. Davidson of the Yard with a high single of 126 and a three string total of 293 and W. Hall of the Cards with a high single of 127 and a three string total of 293, were the high men for the evening.

The Bolsters whitewashed the Speeders on Monday evening, January 18, and in doing so broke the high team total when they hit 1492. McCracken of the Bolsters with single strings of 105, 108 and 111 for a three string total of 324, and Peltier of the same team with individual strings of 104, 98 and 113 for a total of 315, were the high men of the evening.

On Monday evening, January 25, the Bolsters dropped four points to the Cards and the Speeders took three from the Yard, the last string being

tied. It was agreed to roll this string off in the next match.

It was necessary to call off the match scheduled between the Yard and the Bolsters for Monday evening, February 1, due to the snowstorm. The Cards and Speeders managed to get their teams together, the former winning 3 to 1. J. Connors of the Cards was high man of the evening with a high single string of 110 and a three string total of 299. Stuart of the Speeders with 292 for three strings was right behind Connors.

On Monday evening, February 8, the Yard team took four points from the Cards. Davidson broke the high single string record with 129 in his third string, and had 323 for a three string total.

On the same evening the Speeders defeated the Bolsters 3 to 1. The Bolsters won the first string by two pins and lost the second by the same margin. The Speeders got going in the last string and won it by 44 pins, taking three points.

The league standing and individual records are as follows:

	W	L	%
Bolsters	35	21	.625
Speeders	31	28	.525
Cards	31	33	.484
Yard	22	37	.373

INDIVIDUAL AVERAGES

Connors, J.	96.3	Nash	91.3
McCracken	95.7	Bailey	91.0
Peltier	95.7	Walsh	90.9
Hall, W.	95.5	Hall, J.	90.3
Wentworth	94.9	McQuilken	90.0
Davidson	94.1	Magill	89.2
Young	92.4	Crawford, T.	87.3
Campo	92.3	Boyd	87.2
Stuart	92.2	Crawford, H.	86.1
Connors, B.	91.6	Dalton	85.9
Godbout	91.3		

HIGH SINGLE STRINGS

Davidson	129	Godbout	114
Hall, W.	127	Young	114
Wentworth	124	Bailey	113
Connors, B.	121	Peltier	113
Magill	120	Crawford, T.	112
Gamelin	119	McCracken	111
Walsh	119	Campo	111
Hall, J.	117		

HIGH THREE STRINGS

Wentworth	349	Connors, B.	305
McCracken	324	Bailey	305
Davidson	323	Campo	304
Peltier	315	Walsh	301
Gamelin	305		

Team No. 1 Has Safe Lead in Office Bowling League

The fight for first place in the Office Bowling League has been centered around Team No. 1 under Captain Cain and Team 3 under Captain Ferry, during the past two months, with Team No. 3 having a commanding lead as we go to press. With Cain and Connors hitting them as they have been for the past two months, and Hamilton, McGoey and Dalton doing consistent bowling the chance of this team relinquishing its hold on first place is remote.

Jim Ferry's team, after a poor start, got under way and took seven out of eight matches from December 2 through January 20, and on getting within a point of the leaders had the misfortune to lose two matches. Jim showed the way during this spurt turning in good scores in each match.

On Wednesday evening, December 16, Team No. 3 defeated Team No. 2, 5 to 2, taking three strings and the total pinfall. Parcher of Team No. 3 was high man for the evening with a total of 483.

On the same evening Team No. 4 lost five points to Team No. 1, in a hard fought match. Everett Johnston of Team No. 4 turned in a five string total of 514 for the evening with single strings of 92, 106, 105, 107 and 104.

Team No. 3 kept on its winning streak when it defeated Team No. 4 on Wednesday evening, December 23, 4 to 3. Team No. 4 took the first three strings but got snowed under in the fourth string, losing it by 104 pins and also dropped the last string.

On the same evening Team No. 1 defeated Team No. 2, 5 to 2. Dalton of No. 1 Team turned in the best score of the evening with a five string total of 513 and individual strings of 110, 86, 103, 113 and 101.

On Wednesday evening, December 30, Team No. 2 was saved from a whitewash when it succeeded in winning the last string by a single pin. Team No. 3 had an off night turning in the poorest total of the year. The match scheduled between Teams 1 and 4 was postponed.

On Wednesday evening, January 6, Team No. 1 had a comparatively easy time defeating Team No. 4 by the score of 5 to 2. Connors of Team No. 1 turned in a five string total of 508 for the evening.

Team No. 3 got back into the winning column again on the same evening, taking six points from Team No. 2. Minshull of the winners turned in a five string total of 491 and had a single string of 113. Lamb of No. 4 Team had a high single of 119 and Parcher 114.

Team No. 3 continued on its winning streak on Wednesday evening, January 13, defeating Team No. 4, 6 to 1. Captain Ferry set the pace for the evening with a five string total of 495 and single strings of 91, 99, 100, 107 and 98.

On the same evening Team No. 2 dropped six points to Team No. 1, winning the first string but losing the succeeding four and the total pinfall. Connors was high man for the evening with a total of 502 and single strings of 93, 98, 100, 107 and 104. Adams turned in the best score for the losers with 496 for a total and a high single string of 114.

On Wednesday evening, January 20, Team No. 3 defeated Team No. 1, 5 to 2. Captain Cain of the losing team gave the rest of the bowlers a mark to shoot at when he hit 531 for the evening. He also tied the high single string set by John Wild earlier in the season, when he hit 134 in his third string.

Team No. 4 won a close match from Team No. 2 on the same evening, 5 to 2, winning the total pinfall by 16 pins. Tom Crawford of the winning team was high man for the evening with 491, followed closely by Wild of the losers with 490. Driscoll of No. 4 Team had the high single string of the evening with 115.

Team No. 2 under Captain Foley halted the winning streak of No. 3 Team on January 27, taking six points from them. Minshull of the losers was high man for the evening with 485, one pin better than Charlie Noble's total.

On the same evening Team No. 1 defeated Team No. 4, 4 to 3. In the first string No. 4 team had a total of 395 and jumped to 508 in the

second string. The low score in the first string resulted in the loss of the match, the total pinfall going to Team No. 1 by 16 pins.

Team No. 1 took a firmer hold on first place by defeating Team No. 3, 6 to 1 on Wednesday evening, February 3. The last string resulted in a tie and the two Captains decided to roll two boxes each to decide the string. Captain Foley saved his team from a whitewash by knocking down 18, while Captain Cain was getting 16.

Team No. 3 lost its second straight match on the same evening, dropping five points to Team No. 4. Captain Harold Johnston of Team No. 4 turned in a five string total of 506 and had his ups and downs in doing so, with strings of 72, 106, 129, 120 and 79.

LEAGUE STANDING

	W	L	%	Pinfall
Team No. 1	61	37	.604	31,787
Team No. 3	49	49	.527	31,673
Team No. 4	39	52	.440	29,143
Team No. 2	40	51	.417	29,239

INDIVIDUAL AVERAGES

Minshull	95.3	Wild	90.7
Cain	94.6	Parcher	90.6
Connors	93.4	Crawford, T.	90.3
Johnston, H.	93.3	Driscoll	89.9
Adams	92.1	Hamilton	89.9
Foley	91.8	Benner	89.5
Lamb	91.7	Crawford, H.	88.6
Noble	91.4	Johnston, E.	86.9
McGoey	90.9	Colthart	85.6
Dalton	90.7	Wood	85.1

HIGH FIVE STRINGS

Cain	533	Johnston, E.	514
Johnston, H.	524	Dalton	513
Minshull	523	Driscoll	509
Lamb	516	Connors	508
Wild	501		

HIGH SINGLE STRINGS

Cain	134	Driscoll	117
Wild	134	Foley	115
Lamb	133	Adams	114
Johnston, H.	129	Hamilton	114
Johnston, E.	127	McGoey	114
Minshull	127	Dalton	113
Benner	120	Crawford, T.	112
Parcher	119	Connors	111

The wrong road never brings you to the right place.

How you save today determines how you will live tomorrow.

All of us are fooled, more or less, but some insist upon proving it.

Community Basketball Teams Have Fine Record

The basketball teams representing the Whitin Community Association are experiencing the most successful season in the history of the association, the first team having won nine out of eleven games and the second team having nine victories in twelve starts. The two lost by the first team were in their only away from home games to date, being to the Brockton Y. M. C. A., and to the Worcester Boys' Club. Wins were scored over both of these teams on the home court.

Much credit is due Coach Fisher for the manner in which he has brought along the first team. The eight men on the first squad are in the best physical condition of any team to represent the gym, and will, without doubt, win a majority of the games remaining to be played.

The second team, under the direction of Harold Johnston, a member of last year's team, is making a fine showing. The addition of Jimmie Davidson, midget forward and star of the team in the majority of games to date, and Joie Hetherington, have done a lot towards strengthening this team.

The finish of the Crompton & Knowles game on January 9th was a thriller. Going into the second half the boys seemed to be hopelessly behind but fighting hard, gradually cut down their opponent's lead and a long shot by Jackman and a one hand shot by Bogie from the side of the court in the final minute decided the game. The last half of this game had the fans on their feet most of the time.

The records of the two teams up to Saturday, February 13, are as follows:

FIRST TEAM	W	L	PF	PA
Whittalls	1	0	37	11
Worcester Tech.	1	0	21	15
Rajahs	1	0	33	12
Brockton 1st.	1	0	40	37
Boys' Club	1	0	17	12
Crompton & Knowles	1	0	26	24
Bird & Sons	1	0	57	14
Brockton 1st.	0	1	36	28
Lynn "Y"	1	0	45	12
Worcester B. C.	0	1	16	23
Fall River B. C.	1	0	54	24
			382	212



Ready for the trip to Brockton

Points For—382 Points Against—212				
SECOND TEAM	W	L	PF	PA
W. Collegians	0	1	16	36
St. Mary's	1	0	36	10
Massasoit	1	0	29	10
Brockton 2nd.	1	0	25	21
Rockdale	1	0	74	8
Hope A. A.	1	0	29	21
Merchants N. Bank	1	0	52	21
Worcester K. C.	1	0	29	27
Brockton 2nds.	0	1	31	44
St. John's	0	1	24	27
St. John's	1	0	25	19
Blue Banners	1	0	30	12
			400	256

Points For—400
Points Against—256

Girls' Swimming Team Making Good Showing

The Girls' Swimming Team is still practising hard and faithfully, getting ready for a dual swimming meet with Brookline, to be held in the Whitin Memorial Pool on February 24, at 3:30 P. M. This will be the third dual meet of the season. The first one was with the Worcester Boys' Club Auxiliary held in Whitinsville. The result of the meet was 38 to 21 in favor of Whitinsville. The second one was a return meet with Worcester at Worcester. Our girls lost this meet to Worcester the score being 35 to 24. All of the girls did some very good swimming at both of these meets.

At the first meet Margaret McSheehy helped us to victory, but the second meet had to be swum without her, as Margaret had passed her eighteenth birthday and the meet was for girls seventeen and under. Margaret went down to Brookline on January 21, however, and brought home first prize for the 100-yard Handicap race. She was, of course, a scratch man in the finals. The girl who went on "Go" had fifteen seconds start on Margaret. It didn't take Margaret long to make up the time and come in ahead of all the girls, with time to spare.

On February 5, at Brookline, she captured second place in the 50-yard N. E. A. A. U. Championship race. It was a very close, exciting race and at the end Margaret was just nosed out of first place by one who has been swimming in meets eight or ten years. She won her heat in 31.2 seconds, breaking Gertrude Ederle's record by $\frac{3}{5}$ of a second, which shows she is doing some excellent swimming. Margaret is so good, in fact, that Boston Clubs sigh when they see her come in, knowing that at least one prize will go to her.

Elizabeth Casey, one of our coming swimmers, showed up splendidly in both of the dual meets with Worces-

ter, convincing all who saw her that some day soon she will be classed with the best of our swimmers.

Because of her good work at the dual meets she went to Brookline on January 21 to swim in the 50-yard Novice race. This race was open to anyone in New England wishing to enter it. Having not only more competition, but also more experienced competition, did not seem to bother Elizabeth enough to handicap her from taking second place very easily. On February 5 she again went to Brookline to swim in the 50-yard Handicap. Evidently the people in Brookline were afraid of her because in her two heats and also in the final Elizabeth had to go as a scratch man, the others having from one to five seconds handicap. She came in about one-half second after the winner who had a two-second handicap on her. She has started right and it is hoped she will continue her good work.

Agnes Donahue is improving every day in her diving. When the Worcester Boys' Club Auxiliary came down here she took first place with hardly any effort. Those who saw her diving can readily see why. At

the Worcester meet Agnes duplicated her work in the home pool, again taking first place.

If Agnes continues as she has started it won't be long before she will be competing in some of the Brookline diving events. More power to her!

Junior Life Savers Make Fine Showing

Success is another word for hard work. Devotion to any ideal is usually accompanied by hard work, to make that ideal lasting and effective. No sacrifice is too great, no obstacle admittedly insurmountable. Effort follows effort untiringly.

Have you ever visited the Gym? Have you ever watched the swimmers and the life saving corps at practise? If not, come over some time. These youngsters are devoted to the ideal of doing some good *sometime*—else they wouldn't want to be Life Savers. And what about those faithful, earnest Instructors? Nothing selfish about them. Does it pay? Here's one answer: Albert Porter took six of

his Junior Life Savers to Boston on January 30 and entered them in the Big Red Cross Life Saving Meet. They came back with six first places and two seconds; easily winning the Junior Section of the Meet. Unfortunately the Red Cross gave only one prize this year and to win this it was necessary to place in the Senior Section. Albert assures us he will have some Seniors in the competition next year.

Posture

A few weeks ago the State of Massachusetts conducted a series of investigations in Whitinsville along the lines of posture and health of school children.

In recent years Physicians have repeatedly emphasised the necessity of correct posture as a means to better health.

"If we had known the value of correct posture, it would have saved my wife many hours of suffering and myself thousands of dollars," said a man recently. "For the past two years my wife has been in the care of a Specialist who assures me that all her ailments are the result of poor posture."

"An operation, necessary to my boy's health and happiness," said another, "could have been avoided if I had only known the value of proper carriage and supervised play."

These are only two instances, which have come to our notice, proving the lack of knowledge which most of us have concerning vital things in life. Whitinsville is indeed fortunate in having a Gymnasium where two experts give generously of their time to help make life healthy and happy. Correct posture is one of the essentials taught at the Memorial Gymnasium. The other essential for good health is supervised play, already mentioned. Carefully thought out and conducted games and exercises are given to the members of the Gym who are wise enough to take advantage of them. It is just as necessary to know how to play well as to know how to work well to get the most out of it. Wise, indeed, are those who avail themselves of these great opportunities so close at hand.



Front row, left to right: Louise Stimpson, Marion Bogie, Joan McSheehy, Agnes Donahue, Elizabeth Casey, Veronica Kane, Constance McSheehy. Back row, left to right: Mary Stevens, Marion Hickox, Constance Gough, Margaret McSheehy, Josephine Belanger.

Big Swimming Meet March 20

March 20 has been set as the date for the big Swimming Meet of the year to be held at the Whitin Memorial Pool under the auspices of the Whitin Community Association.

Among the races will be the Senior 220-yard Breast Stroke for men or the 220-yard Breast Stroke for Juniors. There will be some handicap races, as well as the Senior events. The crowning feature of the Meet, however, will be the 100-yard New England Senior A. A. A. U. Free Style Championship for women.



Miss Margaret McSheehy

The outstanding swimmers among the New England women today are Miss Delna Carlstrom and our own Miss Margaret McSheehy. Unless some dark horse comes to the front in the next month or so the race will be a battle between Miss Carlstrom and Miss McSheehy. Worcester fans are hoping that their favorite Nymph will capture this coveted prize and the Whitinsville swimmers are enthusiastically supporting their Club-mate. The race should prove of great interest to all Blackstone Valley and especially to those in Worcester County. A large crowd is expected to be present for really no loyal Whitinsviller should miss this opportunity to cheer for a coming Champion. Let the best one win. (And may the best one be our Margaret!)

Foresters Have Enjoyable Evening at Gym

On Wednesday, January 13, 1926, Court Freedom No. 65 Foresters of America, with the Courts from Uxbridge, Milford, East Douglas, Grafton and Upton, with their families held a re-union at the George Marston Whitin Gymnasium, taking advantage of the generous offer of the officials of the building whereby the organization could have the use of the Gymnasium.

An enjoyable evening was spent with instrumental and vocal selections by both local and out of town talent and concluded by dancing; when the old fashioned Quadrille, Portland Fancy, Money Musk and other dances were enjoyed by both those taking part and the spectators who did not dance. Of this number there were very few as every one seemed to shake off their infirmities and go in for a genuine good time.

The out of town talent was secured through the courtesy of Past Grand Chief Ranger James F. Egan of Milford who spared no effort in assisting the local Court in making the affair a success.

The programme for the evening was as follows:

1. Selections by the Orchestra
2. Vocal Solo—"My Hour"
Miss Rita Favona
Miss Beatrice Egan, Accompanist
3. Impersonations
Macchi Brothers
4. Exhibition of Swimming and Life Saving
by the classes of the Gymnasium
5. Vocal Selections:
(a) "Rose Marie"
(b) "O Soli Mio"
Mr. James Savoni
Miss Egan, Accompanist
6. Dancing Specialties
Miss Helen Negus
7. Vocal Selections:
(a) "June Brought the Roses"
(b) "The Prisoner's Song"
Miss Blanche Lescoe
Mrs. W. McDonald, Accompanist
8. Specialty—"The Newsboy's Dance"
Miss Adelaide Daverin
Miss Genevieve Broderick
9. Selections by the "Milford Serenaders"
Orchestra

It might be stated that the dancing specialties by little Miss Helen Negus, who appeared in the children's finals at the Metropolitan in Boston and those of the Misses Broderick and Daverin were the hit of the evening both being encored repeatedly from the floor.

Following this programme the floor was made ready for dancing, the Grand March being led by Mr. and Mrs. Charles S. Snow.

The Court and the visitors were loud in their praise for the Gymnasium officials who honored the occasion by their presence, and Mr. Brines and Miss Calhoun who kindly staged the swimming exhibition and the staff of attendants who did everything possible to make the occasion agreeable to all.

At 11:30 it was voted to close and all retired to their homes satisfied that they had "one good time" and that the Gymnasium "was one GRAND PLACE."

The Committee in charge consisted of the following members of Court Freedom:

John D. Leonard, George A. Tebeau, Gregory E. Lawton, John R. Joyce, Harold Whitehead, Louis R. Veau, Joseph Checci, Charles Riley, Mark Patterson, Edward Blaine and Peter Goodhue

Speaking of devotion and unselfish service—we are all glad to see Harry Bullock back in Volley Ball again. Last year he did a major part in popularizing the game and it is largely due to his persistent efforts that the Team developed a fine passing game. The Team went to Southbridge on January 29. The playing environs were vastly different from the Gym, but they won a majority of the games. Burroughs and Ball did some fine spiking.



The above picture was taken in the Sunny South. Albert Hasson, one of our erectors on Spinning frames can be seen on the extreme right in the front row. Al was enjoying solid comfort at the time this picture was snapped.

Grade School League

Grove versus Grammar. The Grove School Team is made up of the following: Robert Wood, Captain; Thomas Wallace; Paul Duggan; Philip Hathaway; Roy Roach and Harry Drinkwater. The Grammar School consists of Jack McSheehy; James Carr; George Talbot; Oscar Turgeon and William Greenwood.

These two teams have played four games at the end of their gymnastic period, with Grove coming out victorious each time. However, the Grammar refused to be "out" when downed and have repeatedly challenged the victors. They have the spirit that wins and some day soon, with all their experience, will taste of the spoils of victory.

"Necco" Brown has taken on the burden of refereeing these matches.

Old Timers

The Old Timers have had two games thus far with Millbury, splitting even. The possibility of a third game looms up for the near future.

Hopedale has issued a challenge to the Veterans and a match will be arranged if suitable dates can be found.

"Duckey" Leonard had a bad fall in the last game and seemed seriously hurt, but last reports are that he is convalescing and is anxious to get back in the game again.

Safety Signposts

The wife of a careless man is almost a widow.

Don't look to others to think safety for you; do it yourself.

Safe conditions are good, but safe men are better.

The time to prevent accidents is before they happen.

Production depends on material, methods and men—especially safe men.—*Selected.*

Anti-Tobacco Orator: "You go into a tobacconist's shop—you place fifteen cents on the counter—and get a package of cigarettes. And you get more! In the wake of those cigarettes come beer, wine, whiskey, brandy, and"—

Voice from Crowd: "Say, old man, where's that cigar store?"



We understand that "Newk" Wallace of the Whitin Community Association Basketball Team is contemplating forsaking the indoor game in favor of soccer. "Newk" got a little peeved recently at a practice session at the gym when one of "Zebe" Smith's fine points connected with his jaw about the time he was ready to take a shot at the basket. "Newk" immediately forgot all about basketball and took a healthy kick at the ball, it going straight for the clock in the balcony and breaking face of same into numerous pieces. "Newk" says he has been given some fine points at various times but never came in contact with any like "Zebe's" until this winter.



GIRLS JUNIOR SWIMMING TEAM

We were fortunate in securing from George Newbegin, foreman of the Blacksmith Shop, the above pictures. The gentleman shown in one of the pictures is E. P. Knight, hero of the story printed in the last issue of the SPINDLE. The others are views of the lake upon which his camp is situated, part of the camp and his dog. Mr. Newbegin is a personal friend of Mr. Knight's having spent the past few summers at his camp.

Realization

Just as soon as a man realizes that he is placed on this earth with certain useful talents, and that his work is to develop these talents to the highest point of efficiency for the benefit of the world—the dollars and cents begin to take care of themselves and his rightful and sufficient share begins to come to him.

Kindness

How frequently do we neglect those little acts of kindness so dear to human hearts, letting the weeds of ambition, avarice, pride and self, choke all of the golden tenderness of friendship out of our lives!

Card of Thanks

We wish to thank all our friends for their kindness in expressing their sympathy in our recent sorrow and bereavement.

Mrs. John Stromberg and family.



Samuel Magill

Another of our retired long service men, Samuel Magill, has been lost to us by death since the last issue of the SPINDLE.

Mr. Magill came to this country from Ireland and was first employed on the road erecting spinning frames, going direct to Gates Ferry, Texas, after being hired. Mr. Magill worked on Spinning frames during his entire service with the shop, being employed on the Spinning Erecting job after a long term of service on the road, and where he stayed until his retirement in May, 1922.

We were sorry to hear of the deaths of Fred Richardson of the Packing job and James Murphy of the Planer job, just as we go to press.

Mr. Richardson entered the shop in October, 1920, starting on the Packing job for Mr. Wilmot, and was employed there until the time of his death. He was taken sick on Monday, February 8, and died at the Whitinsville Hospital on the following Saturday.

Mr. Murphy entered the shop in January 1918, starting for William Blair on the Planer job. He died suddenly at his home in North Uxbridge, a victim of heart trouble.

He that can not obey, can not command.—*Benjamin Franklin.*

Good Report on Combers from Italy

One paragraph from a recent letter written by Mr. Dyson Barker, who has been in Italy for the past few months supervising the setting-up of Combers, will be of interest to the men who have worked on Combers in the shop. This paragraph of Mr. Barker's letter reads as follows:

"I have not had the slightest trouble with the erection of these machines, and the way they go together is a credit to the different foremen."

During the recent snowstorm one of the electric cars was stuck on the Blue Eagle hill and in some manner caught on fire. George "Flicker" Deeks of the Drafting Room happened along at this time and decided to give a helping hand. He dashed into the Blue Eagle Inn and in about half an hour showed up with a pail of water. In the meantime the blaze had been extinguished and the car completed its run to New Village and returned to the station.

Edward Birchall, formerly employed on the Card Erecting job and at various times as an erector on the road force, has been promoted and is now working in the Photographic Department as assistant to Robert Metcalf.



The above photograph shows Mr. and Mrs. Andrew Vierstra and their twin daughters. Mr. Vierstra is employed on the Automatic job under Mr. Sidney Schat.



The above snapshot was taken on Spring Street and shows one of our celebrated box makers in the toils of a snappy vamp of 1910 series of flappers. Arthur doesn't seem to be at all backward and looks as though he is quite capable of taking care of himself.

Somebody stole a typewriter from a Rabbi, who said forgivingly: "I'm sorry for him when he tries to use it. It writes Yiddish." Oh we don't know. He may not be disappointed.

Textile Fibres

Continued from page 5, column 3

takes 1400 miles of it to weigh one pound.

3. Metallic threads, as gold, silver, etc., used in church vestments, brocades, trimmings, etc.

Slag Wool is obtained by blowing steam through slag. Is used as a packing material.

Mineral Fibres

The only practical fibre is Asbestos. It is a fibrous silicate of magnesium and calcium. Figure 27.

Mountain flax, mountain cork and mountain leather are all forms of asbestos.

Single Men Lose to Married Men

The single men of the Drafting Room challenged the married men to bowl a three string match, the winners to partake of a steak supper at the expense of the losers. After much dickering it was decided to roll the match on the Pythian Alleys on Monday evening, January 18, before the crowd could get to the alleys, if possible.

The first string proved to be the only one the bachelors had a chance in, the sensational rolling of Bert Fullerton giving them a tie in this string with 478 pins each. Keeler, Fullerton and Deeks proceeded to hit the holes instead of the pins in the second string, while the married men increased their total over the previous string to 588, giving them a lead of 42 pins. Coldbrook decided the third string when he hit 100. This was the best string of the evening and the bachelors were of the opinion that Harry got on the right side of the pin boys. The married men won the third string by 20 pins, giving them a lead of 62 pins and the match.

We hope the supper was enjoyed by all.

SINGLE MEN				
Keeler	67	76	67	215
Fullerton	85	61	70	216
Deeks	81	73	90	244
Orrell	85	77	82	244
Wood	77	87	85	249
Dunleavy	77	84	87	248
	478	446	492	1416

MARRIED MEN				
Hargreaves	67	76	67	210
Helland	84	85	75	244
Coldbrook	74	75	100	249
Birchall	84	83	81	246
Lamb	83	83	94	260
Minchull	86	86	95	267
	478	488	512	1478

Firth—Spencer

The many friends of Harold Firth of the Main Office were surprised to receive announcements, early in January, of his marriage to Miss Lillian Spencer of Linwood.

The young couple took advantage of the Christmas holidays and took a trip to New York where they were married in the Little Church Around the Corner.



Sitting, left to right: John Pavlosky, Albert Porter, Coach, James Houghton. Standing, left to right: Murray Stevens, Bert Malkasian, Carrington Noel, John Brines.

News from Abroad

The following paragraph is an extract from a letter received recently from Germany.

"I would be very glad to hear from you if you are not too busy. With kind regards, also to Mr. Swift, Mr. Belger, Mr. Truslow, and—last not least—to the young lady at the information desk, I beg to remain."

Courtesy and—

Graciousness is more than courtesy. One may be courteous and yet cold and displeasing in manner.

Graciousness is courtesy with a smile—thoughtfulness which takes pleasure in being thoughtful—helpfulness which is pleased to help.

It makes an atmosphere of welcome, well-being and cheer which cannot be created without it.—

Statler.

Opportunity never thrusts itself upon one who is not prepared to entertain it.

The man who cannot hold his tongue is not likely to keep his head in a crisis.

There may be some substitute for good nature, but so far it has not been discovered.

When a woman winds a towel around her head and calls for a bucket of water it means the beginning of a big day; but when a man winds a towel around his head and calls for water it means the end of a big night.

Taking a chance works every time but the last time.

No man can afford to waste anything that has value, no matter how rich he may be.



Many of the employees of the shop will recognize the quartet of "Sheiks" pictured above. The four of them are still in the shop and can be seen at their daily tasks any day.

"Lest We Forget"

The Massachusetts Income Tax Laws provide that income tax returns must be filed by March 1 by any individual whose income from all sources exceeds \$2,000.

The Federal Income Tax Laws provide that income tax returns must be filed before March 15, by:

1. A single person having a net income of \$1500 instead of \$1000, or a married person having a net income of \$3500 instead of \$2500.

2. Under the head of "Personal Exemptions and Credit," a single person is allowed an exemption of \$1500 instead of \$1000, and a head of a family or married person is allowed an exemption of \$3500 instead of \$2500. Where a head of a family is married during the taxable year the exemption shall not exceed \$3500 instead of \$2500.



The above picture shows Robert Britton, son of William Britton of the Electrical department, holding a rabbit that his "Dad" bagged on a recent hunting trip.

Pizness

Mr. Cohen: "Jakey, I take you to my place und teach you the pizness."

Jakey: "Ullright."

At the Office

Mr. Cohen: "Jakey, climb up there und took down dot file." (Which is on top shelf.) "Throw it down now, at's the boy. Now jump down, I ketch you."

Jakey: "All right fodder" (and Jakey jumps as father walks away, Jakey falls and hurts himself.)

Mr. Cohen: "See dot; dot's the first lesson; you kent efen trust your own fodder in pizness."

Twist Drill Grinding

Continued from page 7, column 3

is that both cutting edges are of equal length. It is desirable, of course, to preserve the true center of the drill, but whether the web of the drill is exactly central or not, the distance from the outer end of each cutting edge to the termination near the center should be precisely the same. Sometimes, in the case of the cheaper makes of drills, the drill is not perfect when new, hence the importance of grinding the cutting edges the same length.

The operator should be careful

not to weaken the web too much by extending the ground portion too far up the flutes. The cutting edges should not be hallowed out by the point thinning. No attempts should be made to give rake to the cutting edges near the center. This part of the drill revolves at such a slow cutting speed that rake is not at all important.

Point thinning must be done with a round face grinding wheel. The drill should be presented to the wheel so that the grinding commences on the curved portion of the flute. The drill can be rotated then by hand until the proper point is obtained. It is a very delicate and difficult operation to point thin very small drills, but is just as desirable in small drills as in the larger.

Wheels for Drill Grinding

Wheels for drill grinding should be fairly soft and open so that they will not clog nor burn. The operating speed should be from 4,500 to 5,500 surface feet. To avoid burning when grinding dry, bear very lightly against the wheel. Watch carefully the surface from which the wheel leaves the drill in order to detect whether or not the temper has been drawn. Many times the operator is positive that he is not drawing the temper of high speed steel because he cannot detect any changes in color, but this is because he is not looking at the surface which the wheel leaves.

The wheels regularly furnished by Norton Company for various twist drill grinding machines are:

American—Alundum vitrified, 19-46-K and L.

Sellers—Alundum silicate, 1946-M and elastic, grain 36 grade 4.

Yankee—Alundum vitrified, 1946-K, L and M.

Worcester—Alundum vitrified, 19-46-K and L.

Oliver—Alundum vitrified, 1946-J and 3846-K.

Gallmeyer-Livingston—Alundum vitrified, 1946-K and L.

While wheels that are successful on high speed steels will usually work satisfactorily on carbon steels, it has been demonstrated that the very best wheel for carbon steel may be far from satisfactory on high speed steel.



Bill Britton and Harold Cummings with Buck Cummings shot during open season on deer

Same Old Place

A negro stoker was crossing the ocean for the first time. He came up on deck to get a breath of air. Looking out on the water, he said in disgruntled tones: "Why, we is right what we wuz this time yesterday."

Salesman: "Here is a proposition that will make you fabulously rich in a short time."

Big Boss: "Haven't time to bother with it now—I am negotiating a deal that will net me \$3.50 clear."

Professor: "Young man, I understand you are courting a widow. Has she given you any encouragement?"

Young: "I'll say she has. Last night she asked me if I snored."



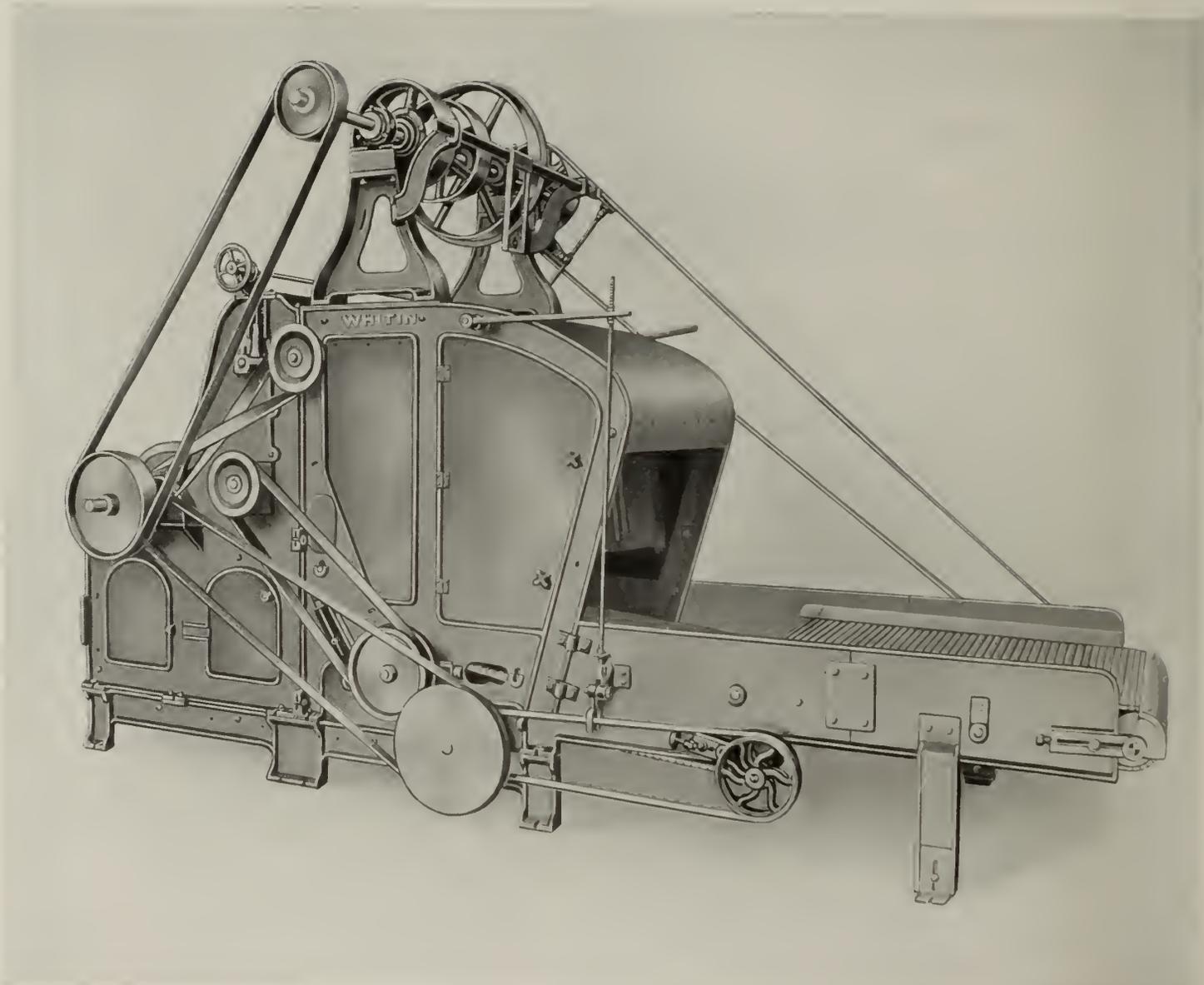
The
WHITIN
Spindle



Residence of L. M. Keeler, Agent

March-April
1926
Vol. 6 No. 8

J. FORDAUC



The Whitin Bale Breaker

The WHITIN Spindle

VOLUME 6

WHITINSVILLE, MASS., MARCH-APRIL, 1926

NUMBER 8

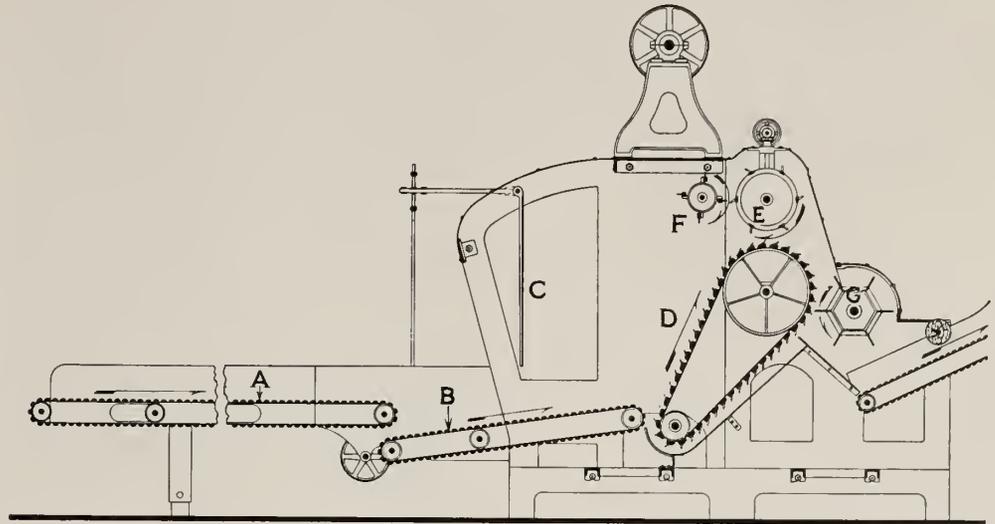
The Whitin Bale Breaker

By George Gannon

The chief purpose of the following series of articles is to familiarize the employees of the Whitin Machine Works with the many interesting machines which we build. I shall endeavor to elucidate by sectional drawings, showing the function of the elements of the machine, together with at least one photograph of the external appearance. With the illustrations as a basis, we shall study the surface speeds of the various aprons, belts, R. P. M. of pulleys etc., the horsepower required, floor space and a thorough description of the action of the stock in each stage as it passes through the machines.

Since we are in the first rank as builders of cotton machinery, it would be well to start with that machine in the cotton line which is first in the process of cotton manufacturing. This machine is the Bale Breaker.

The bales of cotton arrive at the mill 54" x 27" x 16" and weigh 500 pounds. Therefore, when the bands of this bale are opened the stock is in compressed or hard matted form and is fed on apron A, Figure 1, which travels between 5 to 7 feet per minute. From this apron it drops to apron B which travels about 87 feet per



minute. B carries the stock inside the chamber, the fullness of which is controlled by a swing door C. When this chamber is full the swing door is swung outward and by a linkage it slips the belt which drives apron A to a loose pulley, hence A stops feeding. This is seen better in Figure 2. From this chamber the stock is continually tumbled about and opened by the lifting action of the pin apron D which travels nearly 250 feet per minute. The matted "lumps" which adhere to the pin apron shaft are opened up by the pin cylinder E, which travels over 600 feet per minute. The main doffer is G and this doffs the pin apron as shown. G travels about 1000 feet per minute and blows the stock either on to an apron or to a conveyor pipe, depending upon the method of the individual mill.

This machine performs an excellent job of opening and delivers the cotton in perfect shape to the next machine. The production of this is 2000 pounds per hour and at this rate, the Whitin machine is the foremost breaker for quality of product. The speed of the main countershaft for this rate is 450 R. P. M.

Floor space is 13' 8" x 5' 10½", requires 4 to 5 horsepower.

Domestic weights, net 4600, gross 5100.

Export weights, gross 6300 pounds, cubic feet 215.

A man or woman, in public or in private life, who ever works only for the sake of the reward that comes for the work, will in the long run do poor work always. I do not care where the work is, the man or woman who does work worth doing is the man or woman who lives, breathes, and sleeps that work; with whom it is ever present in his or her soul; whose ambition is to do it well and feel rewarded by the thought of having done it well. That man, that woman, puts the whole country under an obligation. —John Ruskin.

Rastus: "Here's dat quatah ah borrowed from yuh last year."

Sambo: "Yuh done kept it so long dat Ah don't know if it's wuff while for me to change mah 'pinion of yuh jes' fo' two bits."—*Birmingham Age Herald*.

A good way to make dreams come true is to wake up.

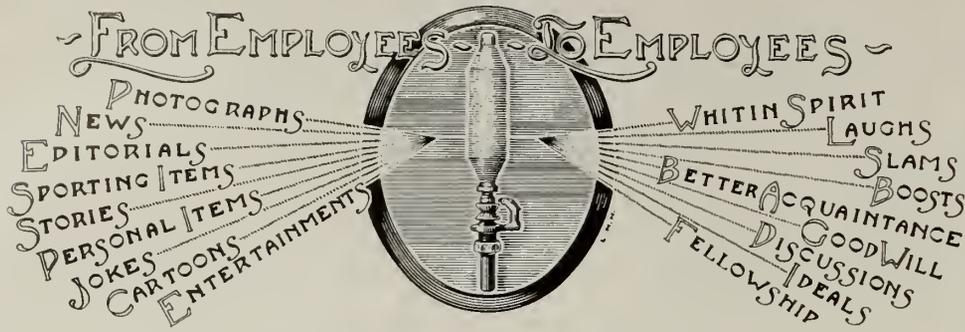
Discussion is merely talking things over; no need to get hot under the collar.

Good habits are as easy to acquire as bad habits and they don't have to be broken either.

When a man begins to think, he begins to criticise; old ideas will stand or fall as they do or do not justify themselves.



Thompson Boyd
Foreman of Department



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

Join the Whitin Home Garden Club

The Whitin Home Garden Club members are getting ready to start their 1926 gardens and the outlook for record plantings of vegetables this year is very good indeed as the gardens have been nearly all taken even at this early date. With potatoes selling at \$1.00 per peck it is not to be wondered at that the boys are signing up.

We have one hundred and fifty gardens assigned to our Club. For the information of Whitin Machine Works employees who have come recently, it might be well to say that the Shop furnishes the gardens and plows, harrows and fertilizes the same without charge except for the \$1.00 membership fee in the Club. We have never yet refused anyone a garden and there is plenty of new ground to be broken up if needed. Do not hang back, but see the Treasurer of the Club, Mr. Fred Burroughs, pay him your \$1.00 membership fee, take your receipt to Mr. D. C. Duggan who will assign you a plot of land. Do it now.

If you have never had a garden we know you will enjoy one as the exercise during the summer is fully as good as that received at the Gym.,

during the winter. This is not all. In the fall we have one of the leading social events of the year, previous to which we partake of a real New England dinner, everything but the corn beef being raised in our own gardens.

Anyone wishing further information should get in touch with the Supervisors, who are Andrew Buwalda, Gilbert Harwood, William Walsh, Klaus Dufries, Thomas Taylor, Jacob Harringa, John Dufries, Appleton C. Ball, Joseph T. Cahill, James Hayes, Fred Hathaway, A. M. Meader, Fred Burroughs, Daniel C. Duggan and Harley E. Keeler.

Where Do You Stand?

Someone has divided mankind into four classes—those who consistently do less than is expected of them; those who do what is expected of them but no more; those who do things without having to be told, and finally, those who have the magnetic power of inspiring others to do things.

All the failures in this world are recruited from the first class. The second class comprises those who scrape along in some form of drudgery or hackwork. Men of the third class are always in great demand in the factory and in the office, but the fourth class represents the highest rung in the ladder of success.

In the world of industry the fourth class is attained by the diligent few who have caught the spirit of their task and are able to impart it to the men under them. They are the men who, without being slave drivers, are able to increase the output of an industrial plant. (*Exchange*)



James Brown

Our Long Service Series

James Brown of the Repair job is the latest employee to join our list of fifty year service veterans.

Mr. Brown entered the Whitin Machine Works in March, 1876, and was first employed on the Bolt job. He started serving his time as an apprentice in the machinist's trade in 1879, starting on the Loom job under Malcom Burbank. From the loom job he was transferred to Spinning rolls under L. M. Smith and later worked for Remington and Burbank on Spinning, and for Burbank on Cards. From the Card job he was transferred back to Remington and Burbank, where he was employed when he completed his time.

On finishing his time he was placed on the Picker job under B. R. Graves and from there was transferred to the Tool job under A. H. Whipple. From the Tool job he was transferred to the Blacksmith Shop where he acted in the capacity of tool maker and repair man under John Snelling. In January, 1922, Mr. Brown was transferred to the Repair job under William Dale, and has been employed there since that time.

Imagination is the other parent of invention.

The only way to fatten your pay envelope is to exercise your brain.

Promotions in Personnel of Shop

There have been three promotions in the personnel of the shop during the past two months. Henry Dalton has been appointed foreman of the Bolster job succeeding A. M. Smith; William Fullerton has been appointed assistant foreman of this department and Frank Fowler has been made assistant foreman of the Blacksmith Shop.



Henry Dalton

Henry Dalton entered the employ of the Whitin Machine Works in July, 1896, and was employed at the time in the Cast Iron Room under Timothy Regan. He worked in the Cast Iron Room for two months and was then transferred to the Bolster job, where he has worked continuously since that time. He was made assistant foreman of the department in July, 1907, and foreman in March of this year.

William Fullerton first entered the shop in January, 1909, starting to work on the Metal Pattern job under Charles M. Stuart. He worked for Mr. Stuart for the next six years and then left the shop to take a job with the Woonsocket Machine & Press Company. He returned to the shop in January, 1917, starting on the Tool job under Robert Deane, and after a short stay there he again left the shop, this time to go to Quincy. He remained there until August,



William Fullerton

1921, when he again returned to the shop, starting once more for Chas. M. Stuart on the Metal Pattern job. He remained on this job until March, 1923, when he was transferred to the Tool job under Robert Deane, where he stayed until his recent promotion to the Bolster job.

Frank Fowler entered the Whitin Machine Works in May, 1909, coming here from England. He started on the Bolt job for John Snelling and was employed in that department until September, 1919, when he was transferred to the Blacksmith Shop to act in the capacity of Fire Inspector. He was appointed assistant foreman of the department in March of this year.



Frank Fowler

Home Garden Club Elects Officers

At the Annual Meeting of the Whitin Home Garden Club held on Wednesday evening, March 3, in the Employment Department, the following officers were elected for the ensuing year. President, Harley E. Keeler, Treasurer, Fred W. Burroughs, Secretary, Joseph T. Cahill. Fred Hathaway and Gilbert Harwood were elected to serve on the Executive Committee, and Daniel C. Duggan was appointed Purchasing Agent.

President Keeler predicts the most successful year in the history of the Club and recommends that anyone desiring a garden to get in touch with Daniel C. Duggan at the Yard Office as soon as possible.

Card of Thanks

We wish to express our thanks and appreciation to the shopmates who so kindly sent the beautiful floral piece in remembrance of our son and brother.

MRS. MARY CARNEY
MISS MARY CARNEY
MRS. THOMAS DROHAN
MRS. JAMES HAYES

Whitin Community Association to have Baseball Team

Candidates for the Whitin Community Association baseball team have been working out in the gymnasium for the past three weeks. Prospects for a good team are bright and some good talent should be developed during the coming months. Those who have been working out are, pitchers, Frank Brown, Earl Wood; catchers, James Hayes; first basemen, Harold Kelliher, George Carr; second base, Everett Johnston, Harold Johnston; short stop, Newell Wallace; third base, William Carroll, Gordon McGuinness; outfielders, Hubert Brown, Michael Jackman, William Keeler, Joseph Hetherington, James Davidson, Harley Keeler and George Deeks.



No. 4 Team Champions of Office League

The Office Bowling League season closed on Wednesday evening, March 31, and found No. 4 Team under Captain Cain leading the league by a comfortable margin, with No. 2 and No. 3 teams fighting it out for the runner-up position. Any team taking a fall out of the champions when they had their regular team on the alleys had to be hitting the pins in good shape.

Although no records were made during the season, good scores were turned in as a rule. John Minshull lead the bowlers with an average of 95.1. John also had the distinction of rolling the lowest string of the season, starting off one match with a string of 62. John Connors of No. 1 Team, runner-up to Minshull in the individual averages, had the distinction of winning both high single and high five string prizes, as well as the first handicap prize.

No. 4 Team under Captain Harold Johnston established a record which should stand for some time. This aggregation, picked as the winners on paper at the start of the season, lost the last ten matches rolled.

A short resume of the matches rolled since the last SPINDLE follows:

On Wednesday evening, February 10, No. 1 Team defeated No. 3 Team 7 to 0. Captain Cain lead the way for the winners with a five string total of 517 and single strings of 114, 107, 110 and 106. Lamb of No. 3 Team had a five string total of 512 and single strings of 100, 96, 101, 107 and 98.

On the same evening No. 4 Team dropped five points to No. 2 Team. Tom Driscoll of the losers turned in

the best score of the evening, with a five string total of 509 and single strings of 113, 111, 92, 99 and 94.

No. 2 Team took six points from No. 4 Team on February 17. Dalton with a single string of 127 was the best roller of the evening.

In the second match of the evening, Team No. 2 defeated Team No. 3, 5 to 2. Charlie Noble turned in a high single of 127 while Foley and Wood had strings of 115 and 112 respectively.

Team No. 4 lost its fifth successive match on Wednesday evening, February 24, dropping four points to No. 3 Team. Average rolling was the rule in this match.

Team No. 2 took a fall out of the leaders on the same evening, taking five points. Ray Adams of the winners set a five string total for the rest of the bowlers to shoot at when he hit 533, with single strings of 105, 110, 117, 107 and 94.

On Wednesday evening, March 3, No. 3 Team defeated No. 1 Team 5 to 2, taking the total by one pin,

Captain Ferry's spare in the final box of his last string winning the match.

Team No. 4 continued its losing streak by dropping six points to No. 2 Team on the same evening, in a match in which average rolling was the rule.

No. 1 Team increased its lead on Wednesday evening, March 10, by taking six points from the tailenders. With no one on the losing team averaging better than 87, the winners had a comparatively easy time.

On the same evening, No. 2 Team took five points from No. 3 Team in an exciting match. John Minshull of the losing team rolled his sensational string of 62 in this match while Capt. Ferry of the losers had the high single string for the evening with 125.

With Ray Adams and John Wild showing the way, No. 2 Team had an easy time defeating No. 4 Team on March 17. Adams and Wild had totals of 508 and 513 respectively.

No. 4 Team continued to help the other teams out by dropping seven points to No. 2 Team on March 24.

In the other match of the evening No. 3 Team defeated No. 1 Team 4 to 3. John Connors established a high five string total on this evening with 537, together with a high single string of 137.

The final matches of the season were rolled on Wednesday evening, March 31, Team No. 1 taking five points from No. 4 Team and No. 3 Team taking six points from No. 2

Continued on page 7, column 1



NO. 4 TEAM

Front row, left to right: Wm. McGoey, Thos. Hamilton, John Connors.
Back row, left to right: John Ames, Irving Dalton, Walter B. Cain, Capt.

Cards Take Championship Away From Bolsters

The Card team won the championship of the Shop Bowling League in an exciting finish, taking the championship away from the Bolster team on the last night by taking three points from the Speeders while the Yard team was whitewashing the Bolsters. The Bolster team took the lead early in the season and held it until the week before the season closed.

The fight for the high individual average between Hall, Wentworth and McCracken was one of the closest in the history of the league, Hall winning by the narrowest of margins. John Davidson of the Yard team had the high single string for the season while Wentworth's three string total of 357 was never in danger.

The Card team started its drive for the championship on Monday, February 15, taking three points from the Bolsters. Connors and W. Hall lead the way with three string totals of 318 and 303 respectively, Connors having single strings of 111 and 112 and Hall of 110 and 102. McCracken of the losers had the high single string of the evening with 126.

The Yard team defeated the Speeders in the other match of the evening, 3 to 1. Davidson with a three string total of 314 and single strings of 108 and 107 did the best bowling.

No. 4 Team Champions

Continued from page 6, column 3

Team. In the latter match Connors almost duplicated his feat of the previous week, having a five string total of 536.

The league standing and individual averages are as follows:

LEAGUE STANDING			
	W	L	%
Team No. 1	93	61	60.4
Team No. 2	80	67	54.4
Team No. 3	78	76	50.6
Team No. 4	50	97	34.0

INDIVIDUAL AVERAGES			
Minshall	95.1	Dalton	90.3
Connors	94.3	Benner	89.9
Cain	94.1	McGoey	89.3
Adams	92.9	Driscoll	88.9
Johnston, H.	92.0	Hamilton	88.9
Foley	91.7	Ferry	88.8
Noble	91.5	Crawford, T.	88.4
Wild	91.1	Crawford, H.	87.9
Lamb	90.7	Johnston, E.	86.2
Parcher	90.5	Colthart	85.5
Wood	84.3		

Continued on page 11, column 3



CARD TEAM
 Front row, left to right: John Walsh, John McQuilken, Capt., John Connors. Back row, left to right: William Hall, Thomas Crawford, Philip Boyd.

The Bolster team received a bad setback at the hands of the Yard team on February 22, dropping three points in a regularly scheduled match and four points in a postponed match which was rolled off. The Bolster team turned in its lowest total of the year in the second match.

In the other match of the evening the Cards and the Speeders divided the points, the Speeders winning the second string and the total pinfall, while the Cards took the first and third strings.

The Yard team took three points from the Cards on March 1, taking the first and third strings and the total. Wood turned in the best string of this match with 112.

In the second match of the evening the Bolsters and Speeders divided the points. Ordinary bowling was the rule in this match.

The Bolsters gave their nearest rival a setback in the other match of the evening, taking three points from the Cards in a match in which the Bolsters won quite handily.

The Card team remained in the fight for the championship, taking four points from the Speeders on March 15. McQuilken and W. Hall were high men in this match, with three string totals of 309 and 299 respectively. McQuilken had single strings of 110 and 111 while Hall had a single of 111.

The Card team received a setback from the Yard on March 22, dropping three points, losing the second and third strings and total.

The Bolster team went into a slump in their match with the Speeders losing all four points. Paquette with 295 and J. Hall with 298 did the best rolling for the winners.

The Bolsters relinquished their hold on first place for the first time during the season on March 29, by dropping four points to the Cards. The Bolsters failed to come out of their slump and were not in the running after the first string. The high strings for the evening were turned in by John Connors with 111 and W. Hall with 116.

The Yard and Speeders shared points in the other match of the evening, the Yard taking the third string and the total. Campo of the Yard hit 120 in his last string and had a three string total of 314.

The Bolster team was knocked out of the running in the final match of the season, dropping four points to the Yard while the Cards were taking three from the Speeders. The Yard team was on a rampage and turned in its best team total of the year.

The league standing and individual averages are as follows:

LEAGUE STANDING			
	W	L	%
Cards	49	43	.532
Bolsters	47	45	.511
Speeders	45	47	.489
Yard	43	49	.467

HIGH INDIVIDUAL AVERAGES			
Hall, W.	94.44	McQuilken	90.7
Wentworth	94.43	Paquette	90.4
McCracken	93.8	Young	90.4
Connors, J.	93.6	Gahan	90.3
Rudolf	92.8	Walsh	90.2

Continued on page 13, column 3

Successful Season Had by Community Association Teams

The two teams representing the Whitin Community Association on the basketball court have just completed a very successful season under the capable coaching of Edward M. Fisher and Harold A. Johnston.

The first team, although handicapped by the loss of Captain Connors and Ballard during a number of games in the latter part of the season, succeeded in winning thirteen out of their twenty games, losing three games on the home floor and four away. The only team to succeed in defeating the Whitin team both at home and away being the Worcester Y. M. C. A.

The first team to defeat the Whitin team on the home floor was the Pawtucket Boys' Club and the compliment was returned when the return game was played in Pawtucket.

The record of the team for the season was as follows:

Whitin Com. Assoc.	37	Whittalls	11
"	"	21 Tech 2ds	15
"	"	33 Worc. Rajahs	12
"	"	40 Brockton Y	37
"	"	17 Wor. Boys' Club	12
"	"	26 Crompt. & Knowl.	24
"	"	57 Bird & Sons	14
"	"	28 Brockton Y	38
"	"	45 Lynn Y	12
"	"	16 Wor. Boys' Club	23
"	"	54 Fall River Club	23
"	"	23 Pawtucket Club	31
"	"	35 Presbyterians	24
"	"	59 Bird & Sons	27
"	"	30 Fall River Y	31
"	"	10 Fitchburg Y	31
"	"	27 Worcester Y	29
"	"	30 Pawt. Boys' Club	26
"	"	20 Worcester Y	29
"	"	33 Fitchburg Y	23
Total	641		471
Games won	13		
Games lost	7		

POINTS SCORED

Connors	159	Trinnier	50
Jackman	124	Carr	35
Kearnan	92	Ballard	23
Wallace	64	Bogie	23
Taft	62		

The second team under the coaching of Harold Johnston established a record of sixteen wins in twenty games, dropping three games at home and one away. With such players as Davidson, Hetherington, H. Brown and a few others coming along the



WHITIN COMMUNITY FIRST BASKETBALL TEAM

Wm. Kearnan, Newell Wallace, Michael Jackman, John Trinnier, Edward Ballard, Geo. Carr, Edward Connors, Capt., E. M. Fisher, Coach.

Whitin Community Association is sure to be represented by some fast teams. The success of the second team was mainly due to the steady playing of the trio mentioned above, all three putting up a good brand of basketball throughout the season.

George "Choo Choo" Carr was one of the main springs of this team during the early part of the season, but due to the injury received by Connors, it was necessary for him to finish out the season with the first team.

The record of the second team was as follows:

W. C. A. 2nds	16	Whitinsville Collegians	36
"	36	St. Mary's of Worcester	10
"	29	Massasoits	10
"	25	Brockton Y 2ds	21
"	74	Rockdale K of C.	8
"	29	Hope A. A.	21
"	37	Merchants Natl. Bank	21
"	28	Worcester K. of C.	24
"	31	Brockton Y 2ds	44
"	24	St. Johns Gyms	27
"	30	Blue Banners	12
"	28	Pawt. Boys' Club 2ds	15
"	34	Middle River A. A.	24
"	29	John Bath & Sons	14
"	25	St. John Gyms	19
"	28	Trade Ramblers	19
"	26	St. Lukes	30
"	27	St. Stephens	19
"	28	Massasoits	28
"	22	Pawt. Boys Club 2ds	21
Total	606		419

POINTS SCORED

Davidson	167	Carr	130
Hetherington	90	O'Connell	22
H. Brown	59	F. Brown	5
Patterson	53		

Whitinsville Baseball Association Formed

At a meeting held in the George Marston Whitin Memorial Gymnasium on Tuesday evening, March 31st the Whitinsville Baseball Association was formed for the purpose of fostering a Whitinsville Town Team in the Blackstone Valley League during the season of 1926, replacing the team which represented the Whitin Machine Works during the 1925 season.

At this meeting the following officers were elected, President, Robert G. McKaig, Vice-President William F. Hewes, Secretary, C. Leon Houghton, Treasurer, Thomas G. Hamilton, and the following Board of Directors; Thomas M. Roche, James R. Clark, William J. Kearnan, James J. Shugrue and Henry S. Crawford.

At a meeting of the Board of Directors held on Monday evening, April 12th, Louis R. Veau, well known baseball player of Whitinsville, was appointed Manager.

The Blackstone Valley League is composed of teams from the following towns: Millbury, Fisherville, Rockdale, Milford, Douglas and Whitinsville. Games will be played during the evenings and on Saturdays and holidays, and Vail Field should be the scene of some good ball games during the summer months.

Whitinsville Swimmers Make Good Showing In New England Championships

The Annual Big Meet and probably the biggest Meet in New England so far as New England Championships are concerned, took place on March 20, 1926 in the Whitin Memorial Pool. Four records were broken. Our own Margaret McSheehy established a new New England record in the 100-yard Freestyle for Women in the fine time of 1 m. 9 s. She again came through with a new record in the 50-yard Freestyle, swimming it in 30.4 seconds. Larson and Bruinsma, Team-mates on the Worcester "Y" Team, competed for the 220-yard Breaststroke Championship which resulted in a victory for Larson and a new record of 3 m. 6½ s. Grant, of the Worcester Y. M. C. A., in an Exhibition 50-yard dash lowered the New England Short Course record ¾ second.

The 50-yard Junior Freestyle Championship for men was won by Ken Winslow of the Worcester Academy with Jack Brines a close second. Time 27 seconds. The 150-yard Junior Backstroke Championship for men went to Carl Larson, time 2m. ½ s. Philip Perry of B. S. C. came second and Maurey also of B. S. C. third. The 80-yard Handicap for men: won by Hunter of B. S. A., John Pawlouski of our own Club second and Carl Tammi of Worcester "Y" third. Time 48½ seconds. Invitation Diving: David Browning of B. S. A. first, Martinelli of B. B. C. second and Foley of M. S. A. third. 40-yard Building Handicap (closed) for boys fifteen and under was won by V. Asadoorian, Kenneth Greenwood second and J. Stevens third. The 160-yard Relay Race was won by Whitins Swimming Club. Time 1 m. 43¾ s. 50-yard Handicap was won by Joan McSheehy, time 34¾ s.

Carrington Noel was the first of our Intermediate boys to attain a Junior Championship. He recently won the Junior Breaststroke Championship in the 220-yard distance at Gardner, Massachusetts, defeating

Puschin of Metropolitan Swimming Club, Rae of Brookline and Wells of Huntington School, Boston. Noel swam a great race and deserves the honor of being the Junior Champion.

Two battered old wrecks were sitting on a bench in the common when one remarked: "I'm a man who never took advice from anybody."

"Shake, brother," said the other, "I'm a man who followed everybody's advice."—*Exchange.*

He—"Dearest, will you marry me?"

She—"John, I can't marry you, but I shall always respect your good taste."

Junior Swimming Team Does Well

The Junior Boys' Team completed the season with a meet against Pawtucket. These boys have gone through a very interesting season and though they have won none of the meets they have been defeated only by a very narrow margin. Captain Stevens has been the highest point-getter, being a constant winner of the 80-yard Freestyle. He has lost this race only three times all season.

The average age of the boys has been below that of their competitors as has also been their weight and size. It is all the more to their

credit, therefore, that with defeat staring them in the face they have gone in with a determination to put up a good fight and make a good showing.

Next year ought to be different. There ought to be a few wins to their credit and if the League goes through again next year, as is expected, Whitinsville will not be the tail-enders.

Intermediate Swimming Team Makes Good Record

With the Intermediate Boys the story has been different. We doubt if there is a Team in New England of boys eighteen years of age and under, which could take their measure.

In forming the Boys' Swimming League the idea was not to give boys a chance to win meets, but to give them the experience of competition and certainly our boys have gained much from meeting other boys, both as opponents and as good friends.

The trip to the home of the Boston Boys' Club was indeed worth-while and in itself paid for the whole season of hard work. The boys were shown Bunker Hill Monument and taken to the Boston Navy Yard where they went on board the grand, old frigate, "Constitution."

Everyone of the boys has done his best and it is hard to single out anyone for special commendation. Space will not permit us to tell

Continued on page 10, column 1



WHITIN COMMUNITY ASSOCIATION SECOND TEAM
Joseph Hetherington, James Davidson, Thomas O'Connell, Harold Johnston, Coach
Hubert Brown, Capt., Mark Patterson, Francis Brown.

Come To The Minstrel Show May 1

The Jolly Rover Club of the Whitin Community Association will hold a Minstrel Show on May 1, at the Whitin Gymnasium. Adams & Brown Orchestra, augmented to five pieces, will assist and there will be dancing after the Show.

Preceding the Minstrel Overture is a one-act farce, "Rickety Rackety Radio," by Arthur L. Kaser. This farce is under the direction of Mr. Fred Hathaway and judging from the rehearsals ought to be a side-splitter.

The boys have spent considerable time in working up the music part of the program which is under the direction of Mr. M. J. Brines. There is a big surprise in store for those who like to hear a good male chorus.

For most of the boys taking part this is a first performance and a large number of their friends will be on hand to encourage them in their advent as a thespian. The Jolly Rovers have put in good hard work at practises and deserve support. There is nothing selfish in their enthusiasm and their one desire is to help the community spirit to grow, and the Show is more to give everyone a good time than to make a barrel of money, although of course the money can be used. With all the fun and pleasure of rehearsals there is also a lot of hard work and these rehearsals have lasted from one to two hours with everybody giving the best they had. The boys have certainly gone at it with a will and have sacrificed a good many "heavy dates" to be on hand that the Show might be a success.

Continued from page 9, column 3

much of the generous and loyal club spirit which has been shown by some of the boys who have taken their place in the races when they knew they were not best qualified to swim that special race, yet did it with a good grace and wonderful sportsmanship.

If the boys have learned the fact that good sportsmanship is greater than victory, then, indeed can the Community be justly proud of them.

Thomas Crawford is acting in the capacity of Business Manager. John Watson has given generously of his time at each rehearsal in acting as pianist. All-in-all the boys are deserving of great praise for the way in which they have gone about the whole affair and the good work they have done is going to be in evidence on Saturday, May 1.

The End Men are: Harold Kelliher, Francis Brown, Newell Wallace, George Carr.

Interlocutor: M. J. Brines.

Ballard singers: Harold Johnston, Harold Kelliher, Joseph Scott, William Scott and Joseph Hetherington.

The End songs will be: "Sweet Child" by Harold Kelliher, "My Bundle of Love" by Francis Brown, "Kentucky's Way of Saying, 'Good-Morning'" by Newell Wallace and "Poor Papa" by George Carr.

"Moonlight and Roses" will be sung by Harold Johnston. Joseph Hetherington sings, "Bells of St. Mary's." Harley Keeler, Jr., will offer, "Just a Cottage Small." William Scott, whose voice is unusually pleasing, will render the tenor solo, "In the Garden of Tomorrow." Joseph Scott will sing the popular song, "Paddlin' Madelin' Home." And Andrew McKaig's tenor voice will be heard in "Lullaby Land."

Shows may come and Shows may go, but the best of all is the Minstrel Show!

Second Annual Gym Exhibition—Friday April 30th

Second Annual Gym Exhibition!

When?

7:30 P. M., April 30.

Where?

Whitin Community Association Gymnasium.

How much?

FREE.

Doesn't that sound promising? We want it to, because we certainly promise you an evening of enjoyment. Yes, we also hope you will get something out of the evening's program that you will find most valuable to you.

It is the Second Annual Exhibition, true enough, but you friends who came to see it last year, come again. No number will be the same! You like fancy costumes, do you not? Come out to see the ones worn by the numerous dancers.

Here is the program—just see if it doesn't appeal to you:

- I Grand March—Everyone
- II Mass Drill—Sr. Women and Girls and Int. Girls
- III Maypole Dance—Junior Boys and Girls
- IV Apparatus—Intermediate Boys
- V Spanish Dance—Intermediate Girls
- VI Drill—Junior Boys
- VII Tactics—Senior Girls
- VIII Group Games—Men
- IX Posture Lesson—Junior Girls
- X Bim Bims (Dance)—Senior Girls
- XI Lantern March

Exercise Does It

As the dancer took his fair partner down to supper, she seemed to hypnotize the waiter, for he seemed incapable of taking his eyes off her.

At last the dancer could stand it no longer.

"I say, my man" he observed, "what makes you stare so rudely at this lady?"

"It ain't rudeness, sir, believe me, it ain't," returned the waiter. "It's genuine admiration. This is the fifth time she's been down to supper tonight."

Ex.

The spoon shown on this page is the property of C. C. Miller of the Flyer job, and is 103 years old. It weighs less than three ounces and is $15\frac{3}{8}$ " in length over all. The inside length of this spoon is $5\frac{3}{4}$ ", the width $3\frac{7}{8}$ " and the depth $1\frac{1}{4}$ ".



Northbridge High School Team Has Successful Season

The season just closed by the Northbridge High School Basketball team was the most successful in the history of the school, the team receiving its only defeat from a High School team at the hands of the fast Fitchburg team, which team won the National Inter-Scholastic Championship at the tournament held at the University of Chicago.

The team came through the Southern Worcester County League schedule with a clean slate, and followed this up by winning two games from the Southbridge High team, winners of the championship in the Northern section of the county.

Following the winning of the championship of Northern and Southern Worcester County, the team was invited to participate in the annual Schoolboy Tournament held at Worcester Tech. The team had an easy time eliminating Classical High of Worcester in the first round of the tournament, but succeeded in defeating Gardner High, which team defeated them in the final round of the tournament last year, only after a hard fight, the winner of this game being in doubt until the final moment. The final round found the team playing the fast Fitchburg team. The game was fast and interesting and it was not until the final quarter that the boys from Fitchburg secured a commanding lead, finally winning out by the score of 32-21.

The team loses Captain Crawford, Bigelow, Cambo, Graham and Bedford, but should be represented by a strong team next year with the following players returning to school, Lamb, Driscoll, Keeler and McGuinness, together with some promising material coming up from the second team.

Although handicapped at the start of the season by the loss of three regulars, Coach LaPlante is to be congratulated on developing such a strong outfit.

If one has no other faults, a desire to boss others is bad enough. Arrogance can become a sin.



Front row, left to right: Walter Cambo, William Graham, Francis Crawford, Capt., Burnham Bigelow, Harry Bedford. Back row, left to right: Kenneth Liberty, Mgr., Gordon McGuinness, Chester Lamb, Harley Keeler, Chas. Driscoll, Coach Laplante.

Harley Keeler, Jr., Joins "Hole-in-One Club" at Gym

Thomas Colthart has been asking for bids for a cage to cover the face of the clock in the balcony of the Whitin Community Gymnasium. Harley Keeler, Jr., was the latest to join the "hole in one Club" started by Newkie Wallace. In the opening indoor baseball game of the season on Tuesday night, April 6th, during an exciting moment Harley caught one of "Tramp" Duggan's slants and the crash of the bat meeting the ball was immediately followed by the sound of falling glass. The bases were full at the time but in the excitement of the moment Harley didn't receive full credit for his homer. Tom Colthart, who had been acting in the capacity of umpire up until the time of the catastrophe, immediately resigned to clean up the debris.

Every time one man puts a new idea across he finds ten men who thought of it before he did. But they only thought.

Cards Win Championship

Continued from page 7, column 1

INDIVIDUAL AVERAGES (Handicap)

Connors	104.9	Parcher	101.6
Minshull	104.6	Driscoll	101.4
Dalton	104.6	Ferry	101.4
Adams	103.9	Foley	100.6
Benner	103.0	Crawford, H.	100.2
Noble	102.0	Lamb	100.1
Cain	101.7	McGoey	100.0

HIGH SINGLE STRINGS

Connors	137	Dalton	123
Cain	134	Benner	120
Ferry	125	Parcher	119
Lamb	133	Adams	117
Johnston, H.	127	Driscoll	117
Noble	127	Foley	115
Minshull	127	Hamilton	114
Wild	134	McGoey	114

HIGH FIVE STRINGS

Connors	537	Lamb	516
Adams	533	Dalton	513
Cain	533	Wild	513
Johnston, H.	524	Driscoll	509
Minshull	523	Johnston, E.	509

Famous Testimonials

Dear Sir: I have taken three bottles of your hair tonic, and my stomach is fleecy-lined.

Dear Sir: I have taken three cans of your corn syrup and my feet are as bad as ever.

Large First Year Apprentice Class

The Whitin Machine Works School of Apprentices begins its seventh year with a record breaking enrollment in the Freshman Class. Never in the history of the school has so much interest been shown by the boys of Whitinsville and neighboring towns in the opportunities here afforded.

In the above group two of the boys are fitting themselves to become metal pattern makers, one to be a wood pattern maker, one to be a cabinet maker, three to be automatic screw machine operators, one to be a die sinker, two to be machine erectors and sixteen to be tool makers and general machinists.

According to the terms of agreement any young man of good moral character who has an eighth grade education and is sixteen years of age may enter this school, upon showing satisfactory evidence of industry and ability. All those desiring this privilege should apply to the Supervisor, in person, and have their names placed on the waiting list.

It is the aim of the school to combine theory and practice in such a way as to develop a corps of efficient mechanics who will take pride in the proper performance of their work. That the school has succeeded in this ambition is shown by the fact that at the present time there are ten graduate apprentices employed in the engineering and tool departments of this shop, not to mention many others on production work who have greatly enhanced their chance of promotion by the training they have received.

A Few Don'ts

Don't leave oily rags lying about.

Don't put your pipe in your pocket with burning tobacco in it.

Don't oil machinery while it is in motion.

Don't remove or push aside the safeguards on machines.

Don't throw refuse material anywhere except in receptacles provided for it.

Don't get off elevators while they are in motion.



First row, left to right: Leonard Hinchliffe, Lester Williams, Herbert Larochelle, Raymond Parslow, Thomas Fitzpatrick, Louis Rutanna, Rene Truscott, Jos. Bourdon, Darrel Burroughs. Second row, left to right: Leon Wallace, Arthur Bailey, Thomas Holmes, Alphonse Tessier, Albert Banning, Raymond Watson, Walter Hiltz. Third row, left to right: Morton Simmons, Andrew Miedema, Linden Scott, Wm. Steele, C. A. Allen, Supervisor; Simon Wiersma, Laurence Ball, Asst. Supervisor, Albert Martin, E. Wesley Wentworth, Dick Vandyke, Malcom Jones, Raymond Hobbs

The Boy Rangers

The neglected period of American boyhood is the strategic point between the ages of eight and twelve. At a recent National Conference of men who are leaders interested in the youth of America, much was said of the juvenile delinquency but no consideration was given to the lads under the Boy Scout age.

Boys become men pretty fast these days and the general information of the younger boy today is far in advance of that of his father or his grandfather at a similar age. It would appear a mark of wisdom, therefore, to keep our eyes on these younger boys, not wait until they are twelve and over, and to work with them in the plastic period before the scout age. A joyous safeguard for the junior boy has been found in the Boy Rangers of America.

This is a character building organization founded on Indian lore and deals with the junior boy between the ages of eight and twelve. The heart of the Ranger idea is this—the boy plays Indian and builds character as he plays.

Scores of organizations sponsor Boy Ranger Lodges, churches, public schools, settlements, Men's and Boys' Clubs and various other groups. The

Jolly Rovers' Club of the Whitin Community Association are sponsors for the Boy Ranger Lodge No. 374.

The Whitinsville Dramatic Club is to present the play "Wedding Bells" in the Prospect Theater on Wednesday evening, May 12th, and the proceeds are to be turned over to the Boy Rangers for the purpose of purchasing flags, tom toms and other equipment which is very much needed.

Fred W. Hathaway.

"I say, Bob," asked an acquaintance, "why did the foreman sack you yesterday?"

"Well," was the reply, "a foreman is one who stands around and watches his men work."

"I know; but what's that got to do with it?"

"Why, he got jealous of me. People thought I was the foreman!"

Those men who try to do something and fail are infinitely better than those who try to do nothing and beautifully succeed.

Don't ride on trucks through the rooms.

What Is Life to You?

To the soldier life's a battle
 To the teacher life's a school
 Life's a "good thing" for the grafter;
 It's a failure to the fool.
 To the man upon the engine
 Life's a long and heavy grade;
 It's a gamble to the gambler;
 To the merchant it's a trade.

Life's a picture to the artist,
 To the rascal life's a fraud;
 Life perhaps, is but a burden
 To the man beneath the hod.
 Life is lovely to the lover,
 To the player life's a play;
 Life may be a load of trouble
 To the man upon the dray.

Life is but a long vacation
 To the man who loves his work,
 Life's an everlasting effort
 To the ones who like to shirk,
 To the earnest Christian worker
 Life's a story ever new,
 Life is what we try to make it,
 Brother, WHAT IS LIFE TO
 YOU?

Ex.

Sunset League to Open Eighth Season

Plans are being made for the opening of the eighth season of the Sunset League. The games will be played on Monday and Wednesday evenings, as in past years, and will start at 6.30 p. m. Present indications are that the league will be composed of the same teams that were in it last year, namely the Spinning, Yard, Speeders and the Foundry, the latter team being the champions last year. Anyone wishing to see some good games, should make it a practice to be at Vail Field on Monday and Wednesday evenings during the coming summer months.

MacGregor and MacPherson decided to become teetotalers, but MacGregor thought it would be best if they had one bottle of whiskey to put in the cupboard in case of illness. After three days MacPherson could bear it no longer, so he said, "MacGregor, I feel sick."

"Too late," said MacGregor, "I was verra sick all day yesterday!"



WHITIN TOWN TEAM
 Wm. Montgomery, Capt., Irving Dalton, Mgr., Archie Marien, Robt. Spratt,
 Geo. Broadhurst, Henry Gentis, John Davidson.

Prize Winners in Office Bowling League

WINNING TEAM
 \$24.00

Cain, Capt.	Connors
Hamilton	Dalton
McGoey	Ames

HIGH INDIVIDUAL AVERAGES

1st prize	John Minshull	\$5.00
2nd "	Walter B. Cain	4.00
3rd "	Raymond Adams	3.00
4th "	Harold Johnston	2.00

HIGH INDIVIDUAL AVERAGES (Handicap)

1st prize	John Connors	\$5.00
2nd "	Irving Dalton	4.00
3rd "	Kenneth E. Benner	3.00
4th "	Charles T. Noble	2.00

HIGH FIVE STRINGS

1st prize	John Connors	\$5.00
2nd "	Raymond Adams	4.00
	Walter B. Cain	3.00
3rd "	John Minshull	2.00

HIGH SINGLE STRING

1st prize	John Connors	5.00
2nd "	Walter Cain	4.00
3rd "	John T. Wild	3.00
4th "	C. C. Lamb	2.00

HIGH TEAM TOTAL
 \$10.00

Foley, Capt.	Wild
Noyes	Benner
Adams	

Prize Winners in Shop Bowling League

WINNING TEAM
 \$12.00

John McQuilken, Capt.	Philip Boyd
John Walsh	John Connors
William Hall	Thomas Crawford
	Leon Wood

HIGH INDIVIDUAL AVERAGES

1st prize	William Hall	\$5.00
2nd "	Arthur Wentworth	2.50
3rd "	William McCracken	2.00

HIGH THREE STRINGS

1st prize	Arthur Wentworth	\$5.00
-----------	------------------	--------

HIGH SINGLE STRING

1st prize	John Davidson	\$5.00
-----------	---------------	--------

HIGH TEAM TOTAL
 BOLSTERS

Wentworth, Capt.	Young
Magill	Peltier
	McCracken

Whitin Team Champions of Blackstone Valley League

The Whitinsville team won the championship of the Blackstone Valley Bowling League for the season of 1925-1926, under the leadership of William J. Montgomery, Whitinsville's premier bowler. The team took the lead during the early weeks of the season and held a comfortable lead throughout the schedule. With such star rollers as Captain Montgomery, Archie Marien, George Broadhurst, Henry Gentis, Albert Willet, "Jock" Davidson and several others to choose from, this team could give any team in this section a battle.

Cards Win Championship

Continued from page 7, column 3

Gamelin	92.6	Minshull	89.8
Campo	92.5	Magill	89.1
Connors, B.	92.5	Crawford, T.	88.0
Godbout	92.4	Stuart	88.0
Nash	91.4	Boyd	87.5
Peltier	91.3	Crawford, H.	86.2
Davidson	91.2	Dalton	86.2
Bailey	91.1	McGuinness	86.0
Hall, J.	91.1	Wood	86.0

HIGH SINGLE STRING

Davidson	129	Paquette	115
Hall, W.	127	Young	114
Wentworth	124	Bailey	113
Connors, B.	121	McQuilken	113
Magill	120	Peltier	113
Gamelin	119	Crawford, T.	112
Walsh	119	Crawford, H.	112
Hall, J.	117	Gahan	112
Wood	112		

HIGH THREE STRINGS

Wentworth	349	McQuilken	309
McCracken	324	Walsh	307
Davidson	323	Bailey	305
Connors, J.	318	Connors, B.	305
Peltier	315	Gamelin	305
Campo	314		



John A. Welch

John Welch, former foreman of the Speeder job, started for the shop in May, 1910, working first for B. R. Graves on combers. After a short stay there he was transferred to the road erecting combers, returning to the shop in 1912 to act in the capacity of assistant foreman in the speeder department. He was made foreman of the department in 1916 and held that position until his retirement in July, 1925, due to ill health.

During the past two months death has taken a number of our long service men, among them being Jeremiah Connors, a veteran of over fifty years service, Daniel C. Leonard, Michael Carney, Smith W. Brown and John A. Welch.

Daniel C. Leonard entered the shop in June, 1879, working first for Louis Smith on the roll job, where he stayed five years. He later worked for Harrington on cards, Houghton on drawing, Burbank on looms and was last employed on card work under A. R. Fletcher. Mr. Leonard was an enthusiastic baseball fan and could be found at practically every game played at Vail Field during the past seven years.

Michael Carney entered the employ of the Whitin Machine Works in June, 1893, starting for Harrington on cards. He was transferred to the automatic screw job in 1892, and was employed in that department up to the time of his death.

Smith W. Brown, a veteran of forty-nine years service, entered the shop in 1879, starting in the cast iron room. He was later transferred to the Yard and from there to the packing job where he remained until his retirement in August, 1922.



Jeremiah Connors

Jeremiah Connors entered the Whitin Machine Works in June, 1871, starting in as an apprentice on the ring spinning job under Moulton. He later worked for Fay on cards, Lawton on pickers, Bathrick on spinning and Warfield on looms. Mr. Connors was later transferred to the cylinder job and was employed there up until the time of his retirement in May, 1924.

WHAT IS HORSEPOWER?

Horsepower or "H. P." is so frequently used that many have been puzzled as to just what it means and how the words were originated.

The originator of the term "horsepower" was a Scotch engineer, James Watt (1736-1819), who invented the modern condensing steam engine.

He selected a heavy dray horse, a dozen muscular men, and by means of a rope and traces, beginning with four men, added man after man pulling against the horse, until he found that when eight men were pulling they balanced the horse's strength.

Then continuing his experiment he found that a horse could lift, by means of block and tackle, 330 pounds at a rate of 100 feet per minute, which, of course, was the same as lifting 33,000 pounds one foot a minute, or 550 pounds in one second; accordingly he designated his steam engines and sold them on that basis. That is known as mechanical horsepower.

Seven hundred and forty-five thousand and nine hundred and forty watts is equivalent in electric units to one mechanical horsepower; in practical calculations the basis of a horsepower, however, is 746 watts, hence a kilowatt (1,000 watts) represents 1.3405 horsepower of mechanical work.

A Black Hand letter addressed to a wealthy match and cigarette man demanded \$25,000; otherwise they would kidnap his wife. Through error the missive was delivered to a poor laborer by the same name who replied, "I ain't got no money but I'm interested in your proposition."

On his way home from school, Tommy looked sad and worried.

"Dear me!" exclaimed a sympathetic old lady, "whatever is troubling you, my little man?"

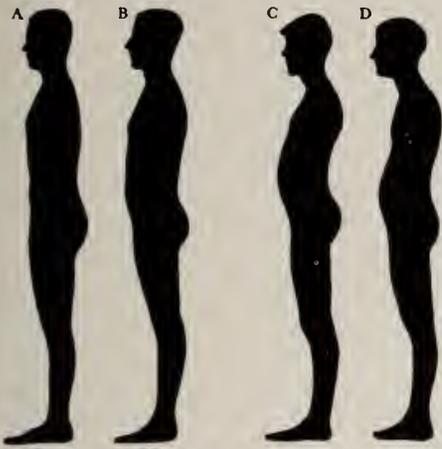
"Dyspepsia and rheumatism," replied Tommy.

"Oh, surely not!" said the old lady; "how can that be?"

"Teacher sent me home 'cause I couldn't spell them," answered Tommy dismally.

Few Large Catches on Opening Day of Trout Fishing

The opening day of trout fishing found a few of the old timers out bright and early to try their luck. No large catches were reported. George Gill and Clifford Arnold of the Drafting Room reporting the largest catches, this pair getting nine between them. We understand that "Sally" Jones, Leon Wood and Bob Ferguson failed to land any.



Posture

The above silhouettes show four typical positions in which most people stand. Everyone of us would do well to look at them carefully and find which one typifies the group to which we belong.

This is a day when a great deal of time is spent in athletics and in doing gymnastics, but it is all of no use unless we try for some good result. A good game to try is B-U-S-U, which means Belly Up, Straighten Up." Try it. Check yourself up and then straighten up. It will mean more money in the bank and less pains in your back.

Those who were fortunate enough to hear Professor Fradd's Lecture on "The Human Body and Its Mechanics" realize the great value of correct posture.

These silhouettes were taken by Professor Fradd and are some of the many used by him to show the various good and bad positions of the human body. He brought out with well chosen words the fact that thinking has much to do with posture. It is not a matter of daily doeses or daily doesn'ts, but of keeping your mind on how you are sitting or how you are standing. In other words will-power is a big factor in acquiring proper posture. You may say it is all "bunk" now, but when the Doctor's bills come in, it will be a different story. It is not easy to acquire correct posture, but whoever has the courage to make up his mind that he will stand and sit properly will reap a reward far greater than he could obtain by winning many races or many ball

games. It is the little things that count.

Start today and get yourself straight with the world!

Be the Best Whatever You Are

Apprentice, you have, no doubt, met the journeyman who says: "The trade is going to the dogs; I'm going to get out of it at the first opportunity."

These are usually the sentiments of a failure. But when you do hear it, do not be deceived. Remember that there are men in every trade, profession or business who say that.

You might envy a doctor or lawyer his position, but it is seldom that a professional man wants to see his son follow in his footsteps. The same holds true in any occupation. It is human nature to believe that the neighboring pasture is greener than yours.

If you are a machinist apprentice it does not follow that you will be a machinist all your life. You will naturally gravitate into the work you like best even though it might take years to do it. In the meantime bear in mind:

"If you can't be a highway then just be a trail,

If you can't be a sun be a star;
It isn't by size that you win or you fail—

Be the best of whatever you are."
The Wisconsin Apprentice.

Fatal

The following item appeared in a metropolitan newspaper recently:

"Ikey Ikenstein accidentally drove his car into the parade of the Ancient Order of Hibernians. He would have been thirty-eight years old next October."

"You are sentenced to two months in prison. Have you anything to say?"

Prisoner: "Yes, your honor. Will you please telephone my wife that I shall not be home to dinner?"



Dorothy McSheehy

Above is a picture of Dorothy McSheehy, the youngest of the famous McSheehy family and the newest recruit among our women swimmers.

Dorothy distinguished herself in an exhibition of diving and swimming at the recent New England Meet. She is the protegee of her sister, Margaret and already gives promise of equalling the splendid record which her sister and instructor has established.

James Robertson of the Main Office has been receiving congratulations on becoming the father of a baby boy. Mr. and Mrs. Robertson have named the boy Warren James.

Edward J. Driscoll of the Pay Roll department has been receiving congratulations upon the recent arrival of a baby girl into the family.

If a call-down makes you sore, you deserve it.

It is only the law-breaker who fears the penalty.

Work is the greatest source of happiness.

How Good Swimmers Are Made

Mr. M. J. Brines has requested me to sketch briefly, the history of our family's interest in swimming. It may be interesting to some, to learn that our attention was first directed toward swimming as a sequel of a rather singular incident.

One summer day, nine years ago, when my oldest son was ten years of age, I had taken him and the other children to Picnic Point to spend the afternoon under the care of their grandmother. On leaving, I admonished them to keep near the shore if they entered the water, as not one of them could swim a stroke. This warning was important in those days, as no one ever visited the Point except on holidays or Sundays. Therefore, imagine my consternation on my return, to learn that the oldest boy, during my absence, had secured a short piece of board—in fact what is known as a two-by-four, about four feet long—and while lying on it had paddled himself with his hands across the river to the car-barn and hurriedly returned the same way at a warning shout from his sisters that I was coming for them. The slightest slip on his part during his voyage would certainly have meant death by drowning. That day I determined that not only he, but all my children should learn to swim so that my mind would be forever free from that particular worry. I further determined that not only would they merely learn to swim, but learn to swim well so as to be able to take care of themselves in the water if an emergency ever arose. To this end I undertook their instruction in swimming, both the two older girls and the oldest boy, teaching them the breast, side and back strokes. This same plan was pursued with the other children as each grew old enough to learn. No doubt, in the light of modern swimming strokes, our swimming was somewhat crude, but it was, however, effective.

The end of summer meant the end of swimming. But the children, enjoying their new-found skill so much, eagerly awaited the next and succeeding summers. And then in

1923, our wonderful Gymnasium was completed, one of the most remarkable gifts to a Community I've ever known. Within its walls a modern, up-to-the-minute, marvelous swimming pool! A pool, that since the first day, has been a striking example of aseptic cleanliness. Imagine! Water from that pool, by analysis, is actually cleaner than ordinary drinking water! Water that has *often* shown on examination, *no* bacteria! Almost unbelievable. With the advent of this fine building, affording continuous swimming the year around, zealously taken advantage thereof by my children, I gradually became aware of the fact that this particular form of exercise, regularly pursued, was tending to build up for them, long, smooth, powerful, symmetrical muscles, was increasing their chest expansion, aiding their growth, improving their digestion and finally helping them to cheerful, sunny dispositions. This combination of effects, spells *Health!*

From the Olympic swimmers who appeared at the pool and later from the speed swimmers who appeared at meets, the children began to pick up the modern strokes, aided by the various coaches from time to time, and gradually entered the field of competitive swimming themselves.

Just a few words as to harmful effects of swimming. I have never noticed any such effects. My youngest girl, Dorothy, at six years of age swam 300 yards with the breast-stroke. At seven years she swam from the Meadow bridge to Picnic Point, approximately one-half mile without the slightest physical strain. Joan, at eleven years of age swam 103 lengths of our pool (2060 yards) in 45 minutes, using only the American crawl stroke. At the same age she finished second in the New England Mile Championship to Delna Carlstrom, in the Charles River, distancing sixteen other young women, using only this same stroke during her swim. Last summer my oldest girl, Margaret, who, by the way, is the 100-yard New England Champion, and holder of all New England records for 50 and 100-yards, swam the full length of Lake Quinsigamond down and back, estimated at ten miles, in five

hours and 45 minutes. This swim was made in choppy water, with a stiff northwest wind blowing. The last half of her trip, or for five miles, she was accompanied by her sister, Constance. On one occasion last summer I saw the two younger boys, Bud and Jack, nine and ten years of age at that time, swim continuously for one and one-half hours.

These feats of the various children are not cited to show any remarkable endurance of theirs, but rather to emphasize the fact that even very young children, when they master a smooth, balanced and easy swimming stroke can cover long distances without undue fatigue. Various observers all over the world agree with this statement. Repeated physical examinations of my children after these swims, have failed to show signs of physical strain.

In closing I might say that any parent who wishes to do his girl or boy a favor and kindness and increase his child's health and happiness, will enroll that child in the George Marston Whitin Gymnasium and take advantage of its unsurpassed pool, where one can, from the beginning, learn modern swimming strokes under competent instructors.

Dr. M. T. McSheehy.

B C A NEWS

Fred—"At what time do you wake up in the morning?"

Red—"Oh, about 11 o'clock."

Fred—"How do you manage to hold your job if you come late?"

Red—"Oh, I'm always on time; I get up at six."

Foreman—"Wot's up, Bill, 'urt yerself?"

Bill—"No; gotta nail in me boot."

Foreman—"Why dontcher take it out, then?"

Bill—"Wot? In me dinner hour?"

Father (who has taken daughter to the play) —"I'm sorry I brought you now, Peggy. This is hardly a play for a girl of your age."

Daughter—"Oh, I don't mind it, Dad! It'll probably liven up a bit before the end!"

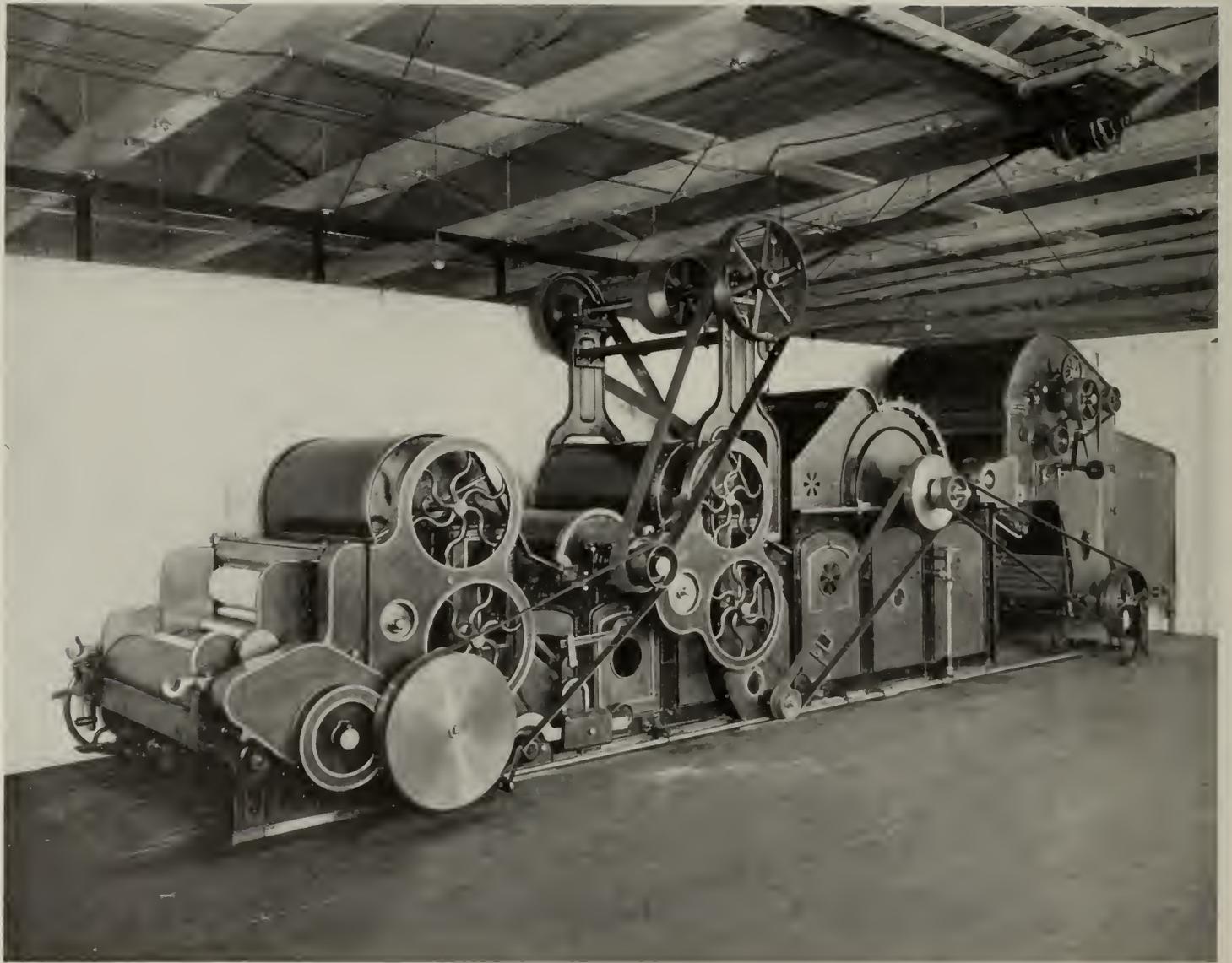


The
WHITIN
Spindle



Leland Road

May-June
1926
Vol. 6 No. 9



External View of Figure 3 showing Reserve Box Feeder (at right), upstroke cleaner and single beater breaker lapper

The Whitin Picker and New Evener Motion Linkage

In order to familiarize the employees of the Whitin Machine Works with Whitin machinery, the author started a series of articles in last month's SPINDLE in exposition of the various types of Whitin textile machinery as regards their general principles of operation and completed the first machine in the series viz.—the Whitin Bale Breaker.

After the cotton bale is well broken up in the bale breaker, it is often fed to a cleaner, for further opening and cleaning. The term Buckley Opener usually denotes a type of beater-cylinder, and in Fig. 1 it may be seen (D) shown in the Whitin Up-stroke Cleaner. This machine, the up-stroke cleaner, has been recently adopted by the Whitin Machine Works chiefly because of its excellent cleaning properties. The cotton is fed on a lattice apron A, from the Bale Breaker to a pair of weighted feed rolls C. Before it enters the feed rolls it is compressed into a sort of lap or matted sheet by the enticing roll B. From the exit side (right hand) of the feed rolls C it is struck by the prongs or fingers of the Buckley cylinder D, which is travelling upward at the feed roll position. This cylinder is $41\frac{1}{4}$ " in diameter and the peripheral speed is approximately 5400 feet per minute.

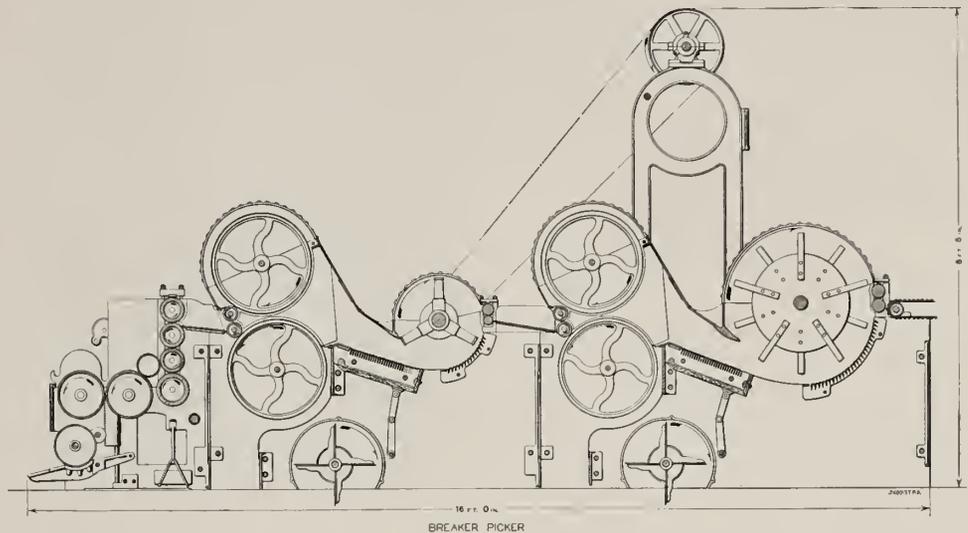


Fig. 2

At E the stationary grid bars begin and the grid bar arc extends around to F, thereby giving about twice the cleaning arc as the regular Whitin Picker, shown in Figure 2, which is a standard down-stroke design.

In Figure 1 the cotton then turns to the right at F, passing over the dust bars G and H and leaves the machine through the chute J.

A more elaborate unit is shown in Figure 3 and in Figure 5. The cotton from the bale breaker is fed through a reserve box feeder, then through a Buckley Opener with an evener motion, from here through a single beater picker and is finished in lap form on the calendar head at the extreme right.

I shall describe this unit more in detail. The cotton is placed in the large hopper, the bottom of which is a moving apron A and the right side

a pin apron B, which carries it upward. C is a doffer with pins which knock off the lumps of cotton from B, and D is a leather paddle doffer which cleans the pins of C. E is a doffer which throws the stock from the Apron B into a reserve box, the bottom of which is J. The orifice or opening of this reserve box is controlled by a swing door H. When this box fills to the level of the Doffer F, the excess is carried back again through the opening G by the back side of the pin Apron B. The Apron J, which is the bottom of the reserve box, is that which carries the cotton from the reserve box feeder to the pedal roll N to feed the next machine which is the Up-stroke Cleaner. The cotton is compressed by the enticing roll K and is made into a matted form by the feed rolls M, and as it passes between the pedal roll N and the pedals O, the process of evening takes place. There are 16 pedals in width and if a lump or excess of cotton tries to pass between N and O, one of the pedals O will raise on the left and slow down the speed of these rolls by shifting the belt on the cone drive in the evener box. See Figure 4 for a view of this linkage P of Figure 3, and its connection to the driving cones. The chief purpose of an evener motion is to keep a homogeneous weight per yard of the lap on the calender head Z.

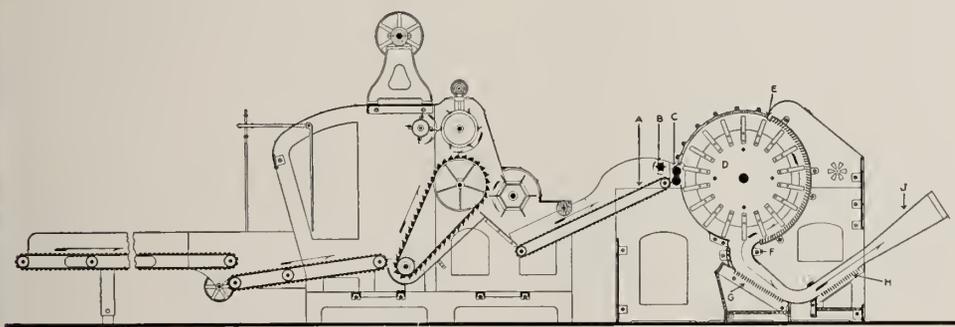
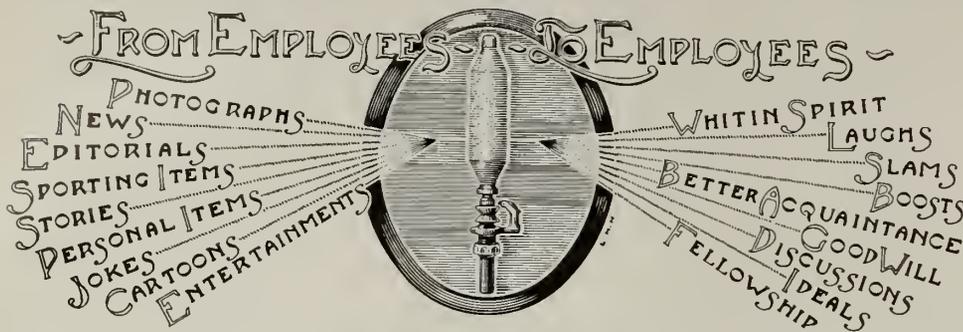


Fig. 1



Published Monthly by Employees of the Whitin Machine Works, Whitinsille, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

Lot 3. JAKE HARRINGA.

Lot 4. THOMAS TAYLOR.

Reservoir

Lot 1. A. C. BALL.

Lot 2. JAKE KOOISTRA.

We understand that friends of "Stub" Johnson and Tom Hamilton have advised them to plant their own garden next spring or at least direct the hired man to the right plot should they engage him again.

Be master of your petty annoyances and conserve your energies for the big worth-while things.

Economy

The price of judicious economy is one of the prime essentials to success. Economy, like intelligent and uniform work, is constructive—and no one can hope to enjoy real independence who does not keep his expenditures well within the limits of his income.

The reckless spending of money quickly becomes a habit, and those who allow themselves to be enslaved by extravagance are burdened under the triple load of past, present and future obligations without sufficient funds to meet them.

There is just pride and pleasure in knowing that there is going to be a surplus left when the weekly bills are paid—much greater pleasure than the temporary enjoyment of things we cannot afford.—*Exchange.*

Hold your temper and you will hold your friends and your job.

Wise spending is the basis of intelligent saving.

"The Headless Horseman"

The headless horseman in Washington Irving's "Legend of Sleepy Hollow" was a harmless spook. The "headless horseman" on the highway today is a serious menace. The old "hay burner" which was credited with having horse sense, is disappearing and its place is the gas-eating creature of enameled tin. It has no instincts of its own and must depend on the driver for intelligence.

To all appearances the headless driver is a normal human being. He has a knob that looks like a head but it functions like a radio when the batteries need recharging.

The headless driver, so-called, takes the pleasure out of driving for careful motorists, spoils the traffic cop's temper and makes the railroad engineer gray headed before his time. He can spot a shapely ankle two blocks away when driving in traffic but fails to notice a boulevard "stop" sign. He can hear an invitation to have a drink of pre-war stuff if it's only a whisper but he doesn't notice the locomotive whistle at a grade crossing.

Human beings, whether drivers or pedestrians, are divided into two classes—those who can be educated and those who can't. Fortunately, there are very few in the latter class. Some learn through signs and bulletins—the cheapest way. Some get their education in the hospital or in court. Others have their faults buried with them.

—*National Safety Council.*

Remember—It is Safer

—To swallow your pride than to start a fight.

—To suffer an injustice than to cause one.

—To face the facts than to have them take you unawares.

—To follow your own conscience than the advice of your best friend.

—To get the worst news first—everything after that is good news.

—To tell the truth than to start a hunt for alibis.

—*Exchange.*

Whitin Home Garden Club Has Big Enrollment

The most successful and prosperous year in its history is predicted for the Whitin Home Garden Club for this year. There were 185 gardens given out by Daniel C. Duggan up to May 1, this being the largest number of gardens ever given out by the Club, and exceeds last year's total by twenty-five.

The annual mid-summer inspection of the gardens will take place as in past years, at a date to be announced later, and prizes will be given to those having the best gardens in each section.

The supervisors and their districts are as follows:—

Taylor Hill

Lot 1. JOSEPH T. CAHILL.

Lot 2. REIN NYEHOLT.

Lot 3. A. M. MEADER.

Lot 4. WILLIAM SPROAT.

Lot 5. JAMES HAYES.

New Fairlawn

GEORGE SEAGRAVES.

Old Fairlawn

GILBERT HARWOOD.

Crescent Street

WILLIAM WALSH.

Brick School House

Lot 1. W. M. SMITH.

Lot 2. KLAUS DUFRIES.

Our Long Service Series

Three employees of the shop have been added to our ever increasing list of forty-year service men during the past two months; Alphonse Dupont of the Gear job, James Currie of the Experimental Room and Joseph T. Cahill of the Freight Office.

Alphonse Dupont entered the Whitin Machine Works in May, 1886, starting on the Spinning Erecting job under Remington and Burbank. After working in this department for a few years he was transferred to the Chuck job under Metcalf and



Alphonse Dupont

later to the Bolster job under Oscar Taft. On November 21, 1895, he was transferred to the Gear job under Carlos Heath, and has been employed there continuously since that time.

James Currie of the Experimental Room entered the employ of the Whitin Machine Works in June, 1886, being first employed on the Bolster job for Oscar Taft. He worked for Mr. Taft but a short time, being transferred from that job to the Loom job under Joshua Dale. He worked on looms for the following nine years, after which time he was transferred to the Card Erecting job under Joseph Schofield. During the past seventeen years Mr. Currie has been employed in the Experimental Room, with the exception of short periods spent on the road erecting machinery.



James Currie

Joseph T. Cahill entered the Whitin Machine Works in June, 1886, starting to work in the Carpenter Shop under George Armsby. Since that time Mr. Cahill has been employed on Bolsters under Oscar Taft, Cards under John Harrington, Spinning under Leverett Remington and Emory Burbank, Cards under Howard Burbank, Drawing under Fred Houghton and in the Freight Office under George Wilmot, where he has been employed for the past twenty-six years.

Mr. Cahill is an enthusiastic member of the Whitin Home Garden Club, and has held the office of Secretary of the club since its organization in 1920.



Joseph T. Cahill

Notice

Due to the fact that the sprinklers in the basement of the Main Office went off accidentally recently and the water damaged some of the books got out by the Advertising Department on "A Trip Through the Whitin Machine Works," these books can be purchased at the Employment Department at a reduced price. The prices for the same will be twenty-five and fifty cents, and anyone desiring any may do so by applying at the Employment Department.

Card of Thanks

We wish to thank all of our friends for their kindnesses and expressions of sympathy in our recent bereavement.

Mrs. A. R. BIRCHALL and family.

Effective Help

A green brakeman on the Colorado Mudline was making his first trip up Ute Pass. They were going up a very steep grade, and with unusual difficulty the engineer succeeded in reaching the top. At the station, looking out of his cab, the engineer saw the new brakeman and said, with a sigh of relief:

"I tell you what, my lad, we had a job to get up here, didn't we?"

"We certainly did," said the new man, and if I hadn't put on the brakes we'd have slipped back."

New Kind

"I like the flat very much, but I hear that the place is haunted."

Landlord—My dear madam, I attend to that personally. The ghosts only appear to tenants who do not pay their rent and refuse to move out.—*Brooklyn Eagle*.

A writer says that a man should be the master of his own home or know the reason why. Most married men usually know the reason why.

Correct

Professor—"Who were the three wise men?"

Student—"Stop Look and Listen."

Sunset League Opens Eighth Season

The opening game of the eighth season of the Sunset League was on Monday evening, May 10, with the Foundry playing the Yard. The teams which make up the league this season are the same as last, namely, the Speeders, Spinning, Yard and Foundry, the latter team being last year's champions.

The Spinning and Yard team are tied for first place, a half a game ahead of the Foundry, with the Speeders in the cellar, this team having dropped three games in four starts.

The league has been fortunate in securing the services of William Montgomery, known familiarly throughout the works as "Monty," to umpire the games this season, and the fans are assured of seeing the games handled in a capable manner, and the wrangling which marred many games in past years will be done away with as "Monty" is capable of settling all disputes.

The opening game found Murray of the Foundry and Malgren of the Yard engaging in a pitcher's battle each allowing four hits and being scored on twice, the former fanning six and the latter seven. The Foundry scored its two runs in the opening inning on two errors, a hit batsman and two passed balls. The Yard scored one in the third on a pass and two singles, and tied the score in the sixth on a walk, a stolen base and a single by Shugrue. The game was called on account of darkness with the score tied at 2-2.

The Spinning defeated the Speeders on Wednesday evening, May 12, 6 to 4. Although outfit ten to six, the Spinning made their extra base hits count. Home runs by John Walsh and W. Steele and a triple by J. Steele together with several bases on balls accounted for a majority of the Spinning team's runs.

The Foundry team scored its first win of the season on Monday, May 17, defeating the Speeders 11 to 6. The Speeders held the lead up to the sixth inning, the Foundry scoring six runs in their half of this inning and winning the game. "Choo Choo" Carr, in the rôle of relief twirler for



William Montgomery

the Speeders, took up the burden with the bases loaded and none out. He proceeded to hit the first batter to face him, fanned Jowet, hit the next, fanned Rob Keeler, hit the next after having two strikes on him, at which time the strategy board of the Speeders decided to take him out. Previous to entering the box he had played sensationally in the field, cutting off numerous runs with some nice catches.

On Wednesday, May 19, the Spinning defeated the Yard 8 to 4. Postma allowing but four hits, with Trinnier getting two of them. The hitting of Benoit featured for the Spinning. The Spinning team scored seven times in the opening inning on four passes, two hits and two errors. Campo relieved Malgren in the second inning and allowed the Spinning team one run in the remaining six innings.

The Yard team registered its first win on Monday, May 26, turning the Speeders back 9 to 7, home runs by Campo and Crawford putting over the winning runs in the fifth inning. McGuire of the Speeders with two singles and a double was the heavy hitter of the evening. The Yard got off to an early lead but the Speeders came back to score four times in the fifth and tie it up on two singles, a triple, fielder's choice and an error, only to lose out in the last half of the inning.

The Foundry team forfeited its

game scheduled for Monday evening, June 7, being unable to put a full team on the field.

The Speeders won their first game of the season on Wednesday evening, June 9, defeating the Spinning 9 to 6. This game was won in the final inning getting to Steele for four hits and scoring four runs.

The league standing and batting averages are as follows:

LEAGUE STANDING				
	W	L		$\frac{C}{C}$
Spinning	2	1		.667
Yard	2	1		.667
Foundry	1	1		.500
Speeders	1	3		.250

BATTING AVERAGES				
	ab	r	h	$\frac{C}{C}$
Sullivan, J.	1	1	1	1.000
McGuire, C.	9	2	6	.667
Buma, R.	5	2	3	.600
Ashworth	11	6	6	.545
Hartley	2	2	1	.500
McGuinness	9	2	4	.444
Murray	7	1	3	.429
Benoit	12	3	5	.417
Trinnier	8	3	3	.375
O'Neil	11	3	4	.364
Crawford	6	2	2	.333
Jones, M.	6	1	2	.333
Steele, W.	3	2	1	.333
Lavasser	3	3	1	.333
Walsh	10	2	3	.300
McKee	7	1	2	.286
Davidson	4	2	1	.250
Steele, J.	9	1	2	.222
Nash	5	2	1	.200
Jones, C.	10	0	2	.200
Buma, P.	6	2	1	.167
Meador	6	0	1	.167
Buma, S.	6	0	1	.167
Postma	6	1	1	.167
Wallace	6	1	1	.167
Wood	6	1	1	.167
Lozier	8	1	1	.125
Jowett	4	0	0	.000
Hayes	4	3	0	.000
Carroll	3	1	0	.000
Burns	2	0	0	.000
Hall	6	0	0	.000
Keeler, R.	7	1	2	.286
Carr	12	3	3	.250
Shugrue	12	0	3	.250
Malgren	8	2	2	.250
Campo	8	3	2	.250
Kane	4	0	1	.250
Barlow	4	1	1	.250
Britton	7	1	0	.000
Corron	3	0	0	.000
Smith	3	0	0	.000
McGuire, F.	4	0	0	.000
Cambo	9	2	0	.000
Keeler, H.	2	0	0	.000
McQuiggan	2	0	0	.000

SUNSET LEAGUE SCHEDULE		
July	12	Foundry vs. Speeders
	14	Yard vs. Spinning
	19	Spinning vs. Foundry
	21	Speeders vs. Yard
	26	Speeders vs. Spinning
	28	Foundry vs. Yard
Aug.	2	Spinning vs. Yard
	4	Foundry vs. Speeders
	9	Speeders vs. Yard
	11	Spinning vs. Foundry
	16	Foundry vs. Yard
	18	Speeders vs. Spinning
	23	Foundry vs. Speeders
	25	Yard vs. Spinning
	30	Foundry vs. Spinning
Sept.	1	Yard vs. Speeders

Blackstone Valley League

The Whitinsville team in the Blackstone Valley League, after a poor start, losing the first two games played, began to assert itself on Saturday, May 22, defeating Milford in Milford. The next game with Rockdale in that village resulted in a tie, 4 to 4, while the following three games found the Whitin team coming ahead in all three and landed it in second place, a game and a half behind Walter Schuster's crack East Douglas aggregation.

In the opening game of the season on Saturday, May 15, the Millbury team came out ahead 8 to 3, in a game which was played under the worst conditions possible. It rained most of the afternoon and it was necessary to call the game at the conclusion of the seventh inning.

On the following Thursday, May 20, the fast Douglas team came to Vail Field and chalked up its second win of the season after a hard struggle. The Douglas team got off to a good start scoring three times on Jowett in the first two innings. The Whitin team scored three times in the fourth inning to tie the game up, but the visitors scored one run in each of the seventh and eighth innings to put the game on ice.

The team broke into the win column at the expense of Milford on Saturday, May 22, in that town, winning by a score of 8 to 4. This game was featured by the hitting of Kearnan, Durgin and Quinn, and the fielding of Clinton, the new third baseman.

On Tuesday, May 25, the team played Rockdale, the game being called at the end of the eighth inning on account of darkness, with the game tied at 4 to 4. Jowett, who pitched good ball throughout the game, deserved to win the game but loose fielding behind him in the late innings allowed Rockdale to score three times and tie it up. Kearnan's hitting featured this game.

The first shut-out of the year was scored on Saturday, May 29th, when the team defeated Millbury in that town 7 to 0. This team, which looked so strong in the opening game here in Whitinsville, failed to do much with the offerings of Boyce, while the Whitinsville team found

	MILLBURY	FISHERS	ROCKDALE	WHITINS	DOUGLAS	MILFORD
At Millbury	BLACK-	June 2 June 23 Aug. 14 Sept. 6 p. m.	June 16 July 17 Aug. 25 Sept. 4	May 29 June 19 July 24 Sept. 1	May 22 July 10 July 31 Sept. 18	June 9 June 30 July 5 a. m. Aug. 18
At Fisherville	May 19 July 7 July 28 Sept. 6 a. m.	STONE	June 5 June 26 July 5 p. m. Aug. 10	June 10 July 20 Aug. 19 Sept. 4	May 29 June 29 July 24 Aug. 28	May 15 May 31 June 12 Aug. 7
At Rockdale	June 12 July 21 Aug. 21 Sept. 11	May 22 July 5 a. m. July 10 July 31	VALLEY	May 25 May 31 July 8 Aug. 3	June 8 July 13 Aug. 7 Sept. 6 p. m.	May 29 June 22 July 24 Aug. 31
At Whitins	May 15 July 3 Aug. 7 Aug. 28	June 17 July 15 Aug. 26 Sept. 11	June 3 July 1 Aug. 14 Sept. 18	BASE	May 20 July 5 a. m. July 17 July 29	June 5 July 10 Aug. 12 Sept. 6 a. m.
At Douglas	May 31 June 5 June 26 Aug. 11	May 27 July 3 Aug. 5 Sept. 2	May 15 June 19 Aug. 17 Sept. 6 a. m.	June 12 June 24 July 5 p. m. Aug. 21	BALL	June 1 July 6 Aug. 24 Sept. 4
At Milford	May 26 July 5 p. m. July 14 Aug. 4	June 19 July 17 Aug. 21 Sept. 18	May 18 July 3 July 27 Aug. 28	May 22 June 26 July 31 Sept. 6 p. m.	June 15 July 22 Aug. 14 Sept. 11	LEAGUE

the Millbury pitchers' easy to hit.

The second straight win was chalked up by the Whitin team on Thursday, June 3, when Rockdale was defeated at Vail Field in one of the most interesting games played to date. The lead jockeyed back and forth throughout the entire nine innings, with both teams contributing good and bad plays throughout. The winning run was scored in the ninth inning on two singles and a sacrifice.

Sensational fielding on the part of the Whitins team enabled it to win the third straight game on Saturday, June 5, when the tail-end Milford team was defeated 3 to 1. Although outhit 11 to 2 the first hit came with three men on bases due to three errors by the Milford infield. Four double plays in which Clinton, Wise, Early, Durgin and Kearnan figured cut-off sure runs and saved Boyce from being scored on at various stages of the game. The infield play of the Whitin team was the best seen on Vail Field in some years. Cloonan pitched good ball for the visitors but received poor support. This win put the Whitin team in second place.

LEAGUE STANDING

	W	L	%
Douglas	8	1	.888
Whitins	5	2	.714
Rockdale	3	3	.500
Fishers	3	4	.428
Millbury	3	4	.428
Milford	0	7	.000

Sunset League

Continued from page 6, column 3

Bill Murray, star twirler of the Foundry, secured two of his team's four hits in the game against the Yard.

John Steele, substituting for Billie Hall, led the Yard attack on Murray with two hits out of three times at bat.

The fielding of Lozier and the hitting of McGuire and Benoit were the bright lights for the Speeders.

John Walsh and W. Steele hit home runs for the Spinning in their game with the Speeders.

In the game between the Foundry and the Speeders, Murray again pitched good ball, allowing but three hits. The batting of D. Buma and McKee was of the timely variety, while Carr was easily the star for the Speeders, securing one hit and fielding in a sensational manner.

The game between the Yard and the Spinning saw some good pitching on the part of Postma. The hitting of Trinnier and the fielding of McGuinness featured for the Yard, while Joe Benoit's hitting featured for the Spinning.

The Yard and Speeders staged an exciting battle in which hard hitting won for the Yard by a score of 9 to 7.

Price may catch the shopper but it is quality that holds the customer.

"King Neptune's Carnival" Presented at Gymnasium Pool

King Neptune made his first official visit to Whitinsville on Friday, June 11, as a guest of the girls' Swimming Team of the Whitin Gymnasium.

His visit was the reason for a Grand Carnival and Exhibition which was given in his honor.

In order that the venerable Guard of the Seas might know what the swimmers had done, an elaborate and comprehensive program of swimming and life saving was enacted by the swimmers.

But King Neptune was not the only one who saw and appreciated for the first time the results of three year's hard work by the Instructors and those in charge at the Gymnasium.

The pool was beautifully decorated with ferns and potted plants, Japanese lanterns and colored paper. During the evening the Ukulele Orchestra of the Continuation School gave pleasure with their music.

At exactly 8:15 the Trumpeter sounded the Call and the Herald announced the coming of the Sea God. He made his appearance on a Sea Horse, drawn by eight mermaids and accompanied by many others who inspected the pool for their King and disported themselves in various ways. The picture was one long to be remembered.

Then followed the most instructive program in swimming and life saving that has ever been held in the Whitin Pool. Swimming in all its branches as taught by the Association was shown.

First came Swimming for Health, depicting the ways in which swimming is beneficial to mankind.

Second, Swimming for Safety showed life saving methods and the manner in which rescues are made. To show everyone exactly how these rescues are effected they were first done out of water and then in the water. In this manner the different methods of saving lives were made clear to all. Would that more of the people could realize the great benefits to be derived from learning how to save a life! If everyone could swim



Participants in "King Neptune's Carnival"

as these swimmers, no parent need worry when their dear ones are out in boats or canoes or playing at the water's edge.

Third came the exciting races in which Miss Margaret McSheehy, the New England Champion Swimmer and holder of more records than any New England woman swimmer today, took part, ably aided by the speed swimmers of the Girls' Swimming Team.

There was speed aplenty and everybody who witnessed Swimming as a Sport realized that Whitinsville has indeed developed speed swimmers who can hold their own with any swimmer, not only in New England but in the whole United States.

Fourth, Swimming for Fun, with a Comedy section by Agnes Donahue, Constance McSheehy and Margaret McSheehy, was put on, which caused King Neptune and the spectators to laugh heartily.

The best act was saved for the last, however. After King Neptune had found the pool worthy of his sanction and formally added it to his vast Kingdom, the lights were extinguished and WHITIN was spelled out by six swimmers holding phosphoric letters in honor of the donors of the pool.

King Neptune then departed, happy in the knowledge that so small a town could have the opportunity possessed by Whitinsville because of the Whitin Memorial Pool and gratified at the various motives which prompted the gift of this beautiful pool and the splendid uses to which those in charge had put it.

It was, indeed, a great achievement for the Girls' Swimming Team and they are to be congratulated on their successful efforts in promoting the finest program of its kind that has ever been tried in this part of Massachusetts and has probably never been exceeded in New England.

Such an accomplishment merits the highest praise and deserves to be copied by every Organization.

Those taking part were as follows:

1. Mrs. Casey
2. Mrs. Carville
3. Mrs. Cotter
4. Miss Mary Malkasian
5. Miss Eliza Malkasian
6. Mrs. Jones
7. Miss Doris Hickox
8. Mrs. Hall
9. Miss Calhoun
10. Mr. Brines
11. Miss Ruth Guptill
12. C. McSheehy
13. M. McSheehy
14. J. McSheehy
15. E. Casey
16. M. Bogie
17. L. Stimpson
18. M. Stevens

Continued on page 14, column 2

Jolly Rovers Minstrel Show Plays to Capacity House

The Minstrel Show put on at the Whitin Memorial Gymnasium by the Jolly Rovers Club, on Saturday evening, May 1, played to a capacity house, and proved to be a hit from the opening chorus until the curtain went down on the final act. The show was run off in a snappy manner and would have done credit to a group of old-time minstrels, the soloists and chorus performing in a very creditable manner, ably assisted by Adam's and Brown's Orchestra.

The end men kept the large gathering in good humor throughout the evening, "Choo Choo" Carr making a great hit with the young ladies.

Following the show dancing was enjoyed until 11.30.

The cast included the following:— Interlocutor, M. J. Brines; End men, Harold Kelliher, Newell Wallace, Francis Brown, George Carr, Hubert Brown and Joseph Scott; Soloists, Joseph Hetherington, Harley Keeler, Andrew McKaig, Harold Johnston, William Scott; Chorus, Lawrence Kelliher, Thomas Crawford, Earl Wood, William Carroll, Francis Crawford, Arthur Fullerton, Leslie Wood,



CAST OF JOLLY ROVERS MINSTREL SHOW

First row, left to right: Harley Keeler, E. M. Fisher, Earl Wood, "Newkie" Wallace. Second row, left to right: Geo. Carr, Hubert Brown, Andrew McKaig, Harold Johnston, Henry Crawford, M. J. Brines, Thos. Crawford, Wm. Scott, Jos. Scott, Francis Brown, Harold Kelliher. Third row, left to right: Jos. Hetherington, Leslie Wood, Geo. Deeks, Everett Johnston, John Watson, Ralph Houghton, Fred Hathaway, Ralph Hathaway, Francis Crawford, Lawrence Kelliher, John Watson, William Carroll, Edw. Duggan, Herbert Fullerton.

Herbert Fullerton, Henry Crawford, George Deeks, Everett Johnston, John Watson, James Davidson, Ralph Houghton, E. M. Fisher, and Ralph Hathaway.

Michael Jackman and Thomas Colthart acted as stage managers.

"Would you, Mr. Busy Business or Professional Man, believe that you can gain and maintain physical effi-

ciency by devoting but eight of the 1440 minutes of each day to simple common-sense physical exercise?" This is what William J. Cromie, Professor of Physical Education, University of Pennsylvania, has to say on the subject of keeping fit.

One of the attractive ways of spending the required eight minutes would be to get into the Whitin Memorial Pool and swim. If you cannot swim the exercise in learning is just as valuable. The summer schedule is out and we feel sure time has been provided for all.

Supplement your *regular* swimming with some sort of out-door sport; it may be hiking, tennis, golf, rowing, baseball or anything that will keep you close to nature.

"Nature knows no pause, and attaches a curse upon all inaction." Goethe.

At a meeting of the Entertainment Committee it was decided that the annual Hallowe'en Party this year would be for members only.

The Entertainment and Educational Committees are planning to put on a Pageant, entitled "The Pied Piper of Hamelin," sometime this summer if the necessary arrangements can be made. This Pageant will be under the supervision of Mr. Edward M. Fisher.



Pool decorated for the Carnival

"They Are Going Over There Again"

They are going over there again! The greatest democratic army the world has ever known will send 30,000 representatives back to France in 1927. There they will celebrate the tenth anniversary of the entry of the United States into the World War with a convention of The American Legion in Paris. They will pay homage to the thousands of their comrades who lie buried in the soil of France, "The Second A. E. F."

Men who wept bitter tears when the armistice was signed because it meant that they would not reach France; men who trailed into Germany behind the fleeing battalions of the Kaiser; men who fished the North Sea for mines; men who fought the war in spruce forests; mothers whose sons went over never to come back; wives whose husbands grow wistful and laconic whenever France is mentioned; men and women now in the farms and the cities, the factories and the offices of the nation, are planning to go to France in September 1927, not all of them, but 30,000, the greatest peace time pilgrimage in history.

The Paris convention of The American Legion is not a mere vague ambition. Definite, practical plans for it are being made by the France Convention Travel Committee of the Legion. It has received the en-



The Boy Rangers

dorsement of President Coolidge. From France has come an official invitation from the French people signed by Aristide Briand, Premier of France. Congress has set an example to the employers of the nation by taking steps to insure the ex-service governmental employes ample time to make the trip in 1927. All that is needed is for the Philadelphia Convention to authorize the movement when the Legion convenes there next October.

More than any other convention the Legion has ever held, the Paris gathering will be the most democratic and representative of all, the Convention committee has determined. To make this ambition possible the

committee is urging veterans to do three things. First: Join the Legion, for only those who are members of the Legion or the Legion Auxiliary in both 1926 and 1927 will be entitled to avail themselves of the special rates that the trip will offer. Second: Save methodically and regularly, preferably by weekly deposits in one of the more than 400 American Legion Savings Clubs established in all parts of the country. This will insure adequate funds for the trip. Third: Consult with your employers and make some arrangement whereby it will be possible to obtain at least four weeks vacation in 1927.

"No matter how much a veteran wants to go, no matter how much he deserves to return to France, he will be disappointed unless he is a member of the Legion for both 1926 and 1927; unless he provide a minimum of at least \$300; and unless he can secure at least four weeks vacation in 1927," declared Bowman Elder of Indianapolis, Indiana, chairman of the France Convention Travel Committee.

To aid veterans in every way the Legion has arranged unusually low rates, with a minimum of about \$175, which includes ocean passage both ways, housing and transportation in France and a trip to an American battlefield and an American cemetery. Thus it will be possible for the entire trip to be made on as little as \$300.

Though it is more than a year before the actual embarkation for



Senior Women Who Took Part in Drill at Annual Exhibition

Continued on page 11, column 1

High School Team Wins Championship of Southern Worcester County

The Northbridge High School baseball team won the championship of Southern Worcester County for the second successive year, completing the schedule with a record of nine wins and one loss, dropping the final game on the schedule to Millbury High in that town, after defeating that team decisively in the game played here. Incidentally this was the first defeat handed a local high school baseball team in forty games.

The championship of the Western Division of the County League has not been decided up to this time, but present indications point to a play-off between Northbridge and either Southbridge or Webster for the championship of the country. This series should produce some good baseball.

The Northbridge team will be hard hit by graduation losing the following players, Capt. Sullivan, Graham, Bigelow, Crawford, Horan, Liberty, Marshall and Campo.

Going Over Again

Continued from page 10, column 3

France, Legionnaires must begin saving now, is the advice of the France Convention committee. The longer the delay the more difficult it will be to amass the required sum. Five dollars a week, starting now and deposited regularly until the first of September, 1927, will produce only a little more than the minimum amount required. A month's postponement means a substantial increase in the weekly deposits necessary. The only way that the average veteran, the man of modest means, can pile up the necessary \$300 is by periodic, systematic saving. You cannot lose by saving. If at the last minute you find that you cannot go the money you have deposited with the interest it has gained, will be yours to apply to some other purpose. The essential point that the France Convention committee wishes to bring home to the tens of thousands of veterans who want to go back to France, is



Front row, left to right: Kelliher, Lemire, Buma, R. Sullivan. Second row, left to right: Coach LaPlante, Graham, McGuinness, Driscoll, Cambo, Bigelow, Crawford, Mgr. Bouvier. Third row, left to right: Capt. J. Sullivan, Marshall, Blouin, Lamb, English.

that they must save and must begin saving now.

Seven great steamship lines are cooperating in the provision of twenty-four luxurious vessels which will sail from seven designated ports. Railway lines in America will give special low rates to and from the ports of embarkation. The embarkation will be carried on by states, each state being assigned to a specific port, ranging from Montreal on the north to Houston or Galveston, Texas, on the south, and including Boston, New York, Hampton Roads, Charleston and Jacksonville. In spite of the low rates offered, the maximum of comfort and luxury will characterize the Legion Armada on the cruise to France. It will be a complete contrast to the transports of other days. There will be seven days in France, with Paris as headquarters, not the grief-ridden, tense Paris of war days; but the gay, brilliant, debonair Paris; not an M. P. in sight; democratic, pleasure-loving Paris, the load-stone of travelers from all the world.

Paris will welcome the 30,000 veterans; representatives of the people who came to her assistance ten years before. But it will not welcome those who merely want to go and do nothing. The Legion is doing and will do its

full part. Cooperation is being given generously and enthusiastically. But no veteran will go to France next year who does not deliberately plan to go by making his Legion membership secure; by saving his time and his vacation for France in 1927.

Psychological Signs

A Western Texas sign painter says our danger signs are based upon a wrong psychology. He suggests the following signs for railroad crossings.

"Come ahead. You're unimportant."

"Try our engines. They satisfy."

"Don't stop. Nobody will miss you."

"Take a chance. You can get hit by a train only once."

A man who does not think about safety does not think much about the interest of his firm.

Lack of concentration on the job on hand causes many accidents.

No one ever lost a job trying to work safely.

The thing to do is hope, not mope.
The thing to do is work, not shirk.

Success depends on how you work,
as well as on how hard you work.

"Under The Big Tent"

The following article was written by Thomas A. Fullerton, of the Metal Pattern job, and relates some of the interesting happenings which occurred during the nine years which he spent under the big tent with the Barnum & Bailey Circus. Previous to leaving Whitinsville, Mr. Fullerton was employed in the shop. Upon leaving the circus he located in Woonsocket but moved to Whitinsville shortly afterwards and has been employed in the shop for the past twenty-three years.

"Sitting here alone, my mind wanders back some forty odd years, when living in Linwood and working in the shop. I think it was in 1881 that I started for Malcom Burbank on looms, and there were not as many working in the shop as at present.

After working for about a year I decided I would like to see some of this country so left the shop and went to Worcester and got a job as brakeman on the Boston & Albany Railroad, where I remained until the Spring of 1883. I wanted to see New York City so left the railroad and arrived in the City in March, a total stranger, a rube from the country.

Wandering about the big town I landed up on Fourth Avenue. It was a Saturday morning and the Barnum & Bailey Show was playing in the old Madison Square Garden at the time. I asked for a job, got it, and then started my circus career as a canvas man, which lasted for nine years, the first five being spent as a common canvas man at \$25.00 per month. It was hard work but so enticing I liked it, being big and strong, with no bad habits in those days. I was picked from some 250 men and promoted to first assistant superintendent of canvas men, paying a salary of \$125.00 and board. In the four years which I held that position I found it necessary to discharge but three men, and had some tough birds under me, but could handle them all.

I saw some stirring times during those nine years on the road, traveling from town to town. In my first year on the road, in Chicago, in 1883, we opened on the Lake Front for a ten day stay. On Monday night, after everyone had left the lot for the

sleepers, a spark from an engine set the big tent on fire. When we got to the lot it was burned to the ground, and the outlook for the show was bad. Everyone went to work, performers and all, cleaned up the ruins, put up a new tent, poles, rings etc., and opened the doors the following night at 6.30 p. m., some record.

I was with the show when Jumbo was killed at St. Thomas, Province of Quebec. Saw three men killed by elephants and saw an elephant shot at Keene, N. H., for killing the keeper. I could write for a week and not run out of interesting stories of circus life.

They talk about the Ringling Brothers & Bailey shows as being the largest in the world. This is not so. In my time on the road I put up a tent just as big if not bigger, with less men. The Ringling Show carried from 150 to 200 men, mostly colored, of course, for the purpose of putting up a pole top. In my last year on the road with the Barnum & Bailey Show, with only 65 men, I could put up the big top 520 feet long by 285 feet wide, ready to open the show, in two and one-half hours, and take it down and pack it in the wagon ready to leave the lot in forty-five minutes.

While working in the shop in 1889,

under Thomas Low, I arrived home from work one night and found a telegram from the New York office of the Show stating "Going to London. Tom. Opening for you. Come at once." I took the first train for Bridgeport the following morning and sailed for London on October 4th. That was some trip. We had the boat all to ourselves on the 11 day trip across and it was the largest ship to land at that port up to that time.

The show opened at the Olympia, then the largest show house in the world, seating 16,000 people. We stayed there nineteen weeks and I had the pleasure of seeing most of the "Foggy City" during that time. I also had the pleasure of meeting most of the Royalty of Europe, with the exception of Queen Victoria."

Mr. Fullerton has had other interesting experiences while under the "big tent," and we are hopeful that he will favor us with another article in a future issue of the SPINDLE.

Just because a man or concern pays for your time is no reason to assume that he pays you for nothing else.



Spanish Dancers at Gym Exhibition

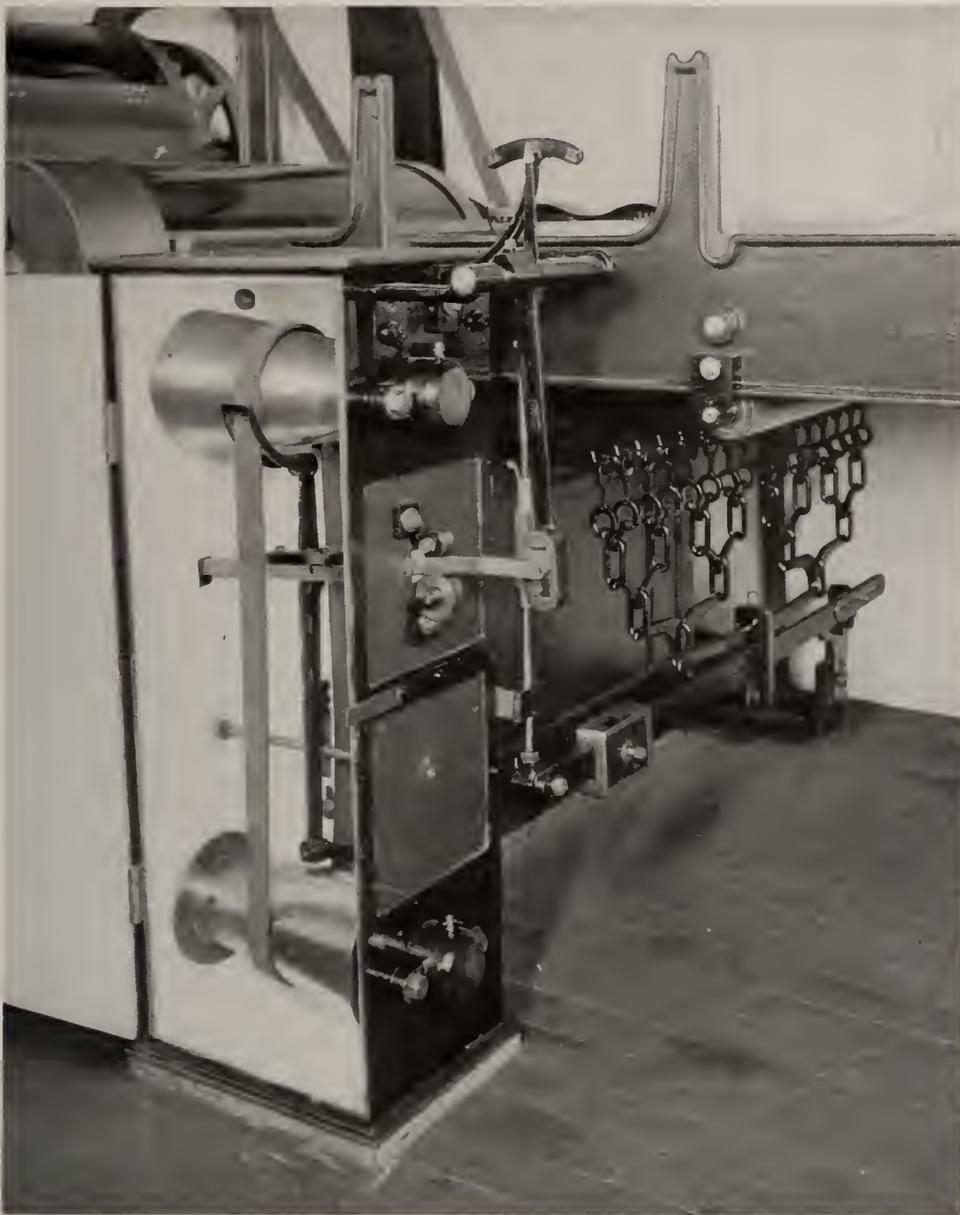


Fig. 4
New Whitin Evener Motion Linkage

Continued from page 3, column 3

Q is a Buckley Opener cylinder similar to that of Fig. 1. From this Up-stroke Cleaner the cotton passes between two screened cylinders or cages. The fan AA creates a vacuum within these screens, hence the air is separated from the cotton and it passes in lap form through the compressing rolls S to the feed rolls T. From these rolls the cotton is struck by a beater (in this case 3 blades). U, passes over the grid bars V, the dust bars W to another pair of cages X. These cages are exhausted of air by the fan BB similar to R and AA. The cotton is compressed at Y and as it is now in sheet form it is compressed by the calender rolls and is rolled up

on a lap stick under pressure at Z, as a large cylindrical spool.

The product of this unit is called a lap and it is very important that the weight of each lap be approximately that of the next one.

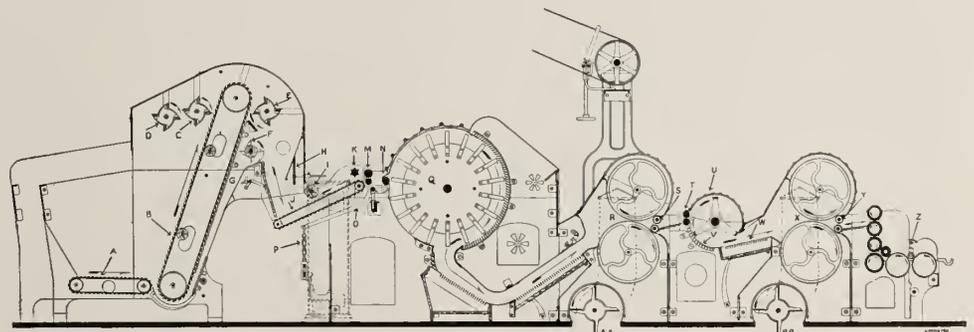


Fig. 3

Production Department Loses Popular Member

Mrs. Allan McCrea, a member of the Production Department for the past seven years, severed her connections with the Whitin Machine Works on Saturday, June 12. Mr. McCrea is employed in the office of the American Optical Company in Southbridge and the young couple are to make their residence in that town. Mrs. McCrea was one of the most popular members of the office and will be very much missed by her friends.

Opportunity never thrusts itself upon one who is not prepared to entertain it.

Fishing is a delusion entirely surrounded by liars in old clothes.

Fools throw kisses, but the wise men deliver them in person.

A clever woman always knows her husband's faults, but never mentions them.

Demand more of yourself than anybody else expects of you. Never excuse yourself to yourself.

If you are happy, don't let the craze for money spoil your life.

Experience is something you get while you are looking for something else.

"Why ain't you going with Mary no more?"

"Well, she wasn't pretty, didn't have no money and married Joe. So I just took the advice of my friends and dropped her."



A. R. Birchall

Mr. Albert R. Birchall, foreman of the Card Erecting job, died at St. Vincent's Hospital, Worcester, on Sunday, May 30th.

Mr. Birchall came to Whitinsville in February, 1890, and was first employed on the Loom job under Joshua Dale. He worked for Mr. Dale about a year and was then transferred to the Card job under Joseph Schofield. Later he was transferred to the Spinning Erecting job under Charles Pollock, where he remained for the next four years, going from this department to the Comber job. He was later transferred to the Experimental Room and in 1916, upon the retirement of Mr. Schofield, he was appointed foreman of the Card Erecting job, which position he held until the time of his death.

Our sympathy is extended to his family.

"Production without safety is inefficient. Accident prevention is absolutely an essential part of the industrial program. While we take great pleasure in giving employment to maimed men, we believe that we are doing a far greater work by preventing this maiming of men. We feel that accidents are absolutely unnecessary."—HENRY FORD.

The many friends of Miss Alice Ferguson will be glad to hear that she is rapidly recovering from a recent operation for appendicitis. Alice will be back at her desk shortly.

Vance Butterfield Completes Apprenticeship

Vance Butterfield, completed his apprenticeship on June 5 of this year. He entered the Apprentice School on January 31, 1923, to learn the machinist trade. He first worked on the Milling job under E. H. Hanny, and since that time has worked for E. S. Blanchard on Spinning, L. J. Ramsey on Speeder work, W. J. Foster on the Chuck job, H. E. Keeler on Cylinders, A. R. Birchall on Cards, B. L. Benner on Combers, H. W. Drinkwater on Flyers, F. E. Bates on Spinning and L. T. Barnes on Tool work. Mr. Butterfield will remain on the Tool job as a regular member of that organization. We wish to congratulate him on his successful completion of the course.



Vance Butterfield

"King Neptune's Carnival"

Continued from page 8, column 3.

19. E. Stewart
20. M. Hickox
21. M. Driscoll
22. B. Greenwood
23. U. Hanory
24. M. Cramp
25. M. Wasiuk
26. C. Walker
27. E. Parker
28. B. Gough
29. C. Graham
30. P. Driscoll
31. M. Farland
32. E. Haskell
33. M. Mateer

34. E. Parish
35. M. Spratt
36. M. Kelleher
37. B. Allen
38. H. Broadhurst
39. A. Bousquet
40. H. Winterbottom
41. M. Baszner
42. C. Bates
43. B. Bigelow
44. R. Brennan
45. D. McSheehy
46. M. Baldwin
47. J. Fredette
48. L. Magill
49. E. Spence
50. B. Taylor
51. D. Driscoll
52. C. Gough
53. R. Hamilton
54. X. Kane



John McClellan

John McClellan, a member of the Card Erecting job, and a forty-year veteran, died at the Whitinsville Hospital on Friday, June 18, after a short illness.

Mr. McClellan entered the Whitin Machine Works in February, 1885, and was first employed on the Roll job under Malcom Burbank. He was later transferred to the Bolster job and a few years later was again transferred, going back to the Loom job, which was then under Joshua Dale. In 1895 he was transferred to the Card Erecting job under Joseph Schofield, and was employed there continuously from that time until his recent illness, which proved fatal.

Our sympathy is extended to his family.

Uxbridge Fire Fighters Defeat Whitinsville

The Uxbridge Firemen's baseball team, coached and led by the veteran Bill Ward, and sometimes referred to as the "Brothers Team," handed the Whitinsville fire fighters their first defeat of the season on Vail Field on Tuesday evening, June 1, by the score of 10 to 7. "Sally" Jones, veteran pitcher and coach of the home team was on the mound, but the visitors soon found out he didn't have his usual amount of stuff and hit him quite freely. Bill Ward led the attack on his friend "Sally," securing a home run, a double and a single. Rob Keeler starred for the home team with five hits in five times at bat.

"Sally" insists that Bill Britton and Harry Drinkwater would have been more of a help to his aggregation had they stayed at home, this pair slipping up on ten of the twelve chances that happened to go their way. He also intends to get "Fat" Aldrich out in the backwoods some night and give him a little batting practice.

The umpiring of Jimmie Marshall was a decided asset to the visiting aggregation. Jimmie's motto was "When in doubt call it a ball when the count is three and two." Especially was the foregoing noticeable when the visiting aggregation was at bat.

The next game of the series will be played in the near future and anyone willing to take a chance umpiring this game should get in touch with the Manager of the Whitinsville team.

The lineups were as follows.—Uxbridge; G. Tancrell p., Arthur Tancrell 1b, Albert Tancrell p, Wm. McLaughlin 2b, Henry Tancrell s.s., Homer Tancrell 3b, William Ward l. f., Ellery Scribner c. f., Frank Scribner r. f. Whitinsville, Rob Keeler c, "Sally" Jones p, Dic Britton 1b, "Cooky" Barnes 2n, Bill Britton s. s.; Harry Drinkwater 3b, Ray Barlow l. f., Rob Henson c. f., Wilfred Aldrich r. f.

The substitutes who got into the game were George Poulin, Dan Duggan, Jack Shaw, Jim Connors and Cy Hemenway for Whitins, and Ralph

Higgins, Joe Branigan, Ben Van Riper Fred Scribner and Ed Smith, for Uxbridge.

We Never Complain

- When a street car conductor long changes us.
- When a sudden change in the market causes the coal dealer to lose money.
- When some scandal is published on the opposition candidate.
- When a salesgirl makes a mistake in our favor.
- When some photographer disguises us with youthfulness.
- When we find our taxes have been lowered without our knowledge.
- When the newspapers publish good news about us without consulting us.

Dressed For The Occasion

"Have you ever appeared as a witness in a suit before?"

"Yes, of course."

"What kind of a suit was it?"

"Blue serge."



The above snapshot of George Farrand, one of our erectors, was taken while he was on the road erecting some machinery in Taftville, Conn. George seems to be enjoying his company.

We understand that George Gannon of the Drafting Room and Raymond Kelliher of the Carpenter Shop are interested in hiring a guide who is familiar with the woods and streams in the nearby country. George and Ray went on a fishing trip one night recently and after catching a good string decided to hit for home. After wandering around for about two hours they finally found a road which eventually landed them in Whitinsville.



Mrs. Allan Willis

Doris Hands Her Friends A Surprise

The members of the Main Office were surprised to hear, on Tuesday, June 8, the announcement that Doris Aldrich, a member of the office, had been married to Allan Willis, a resident of this town and a student at the Massachusetts Institute of Technology, in December, 1923.

Doris had announced recently that she was to be married on Friday, June 11, and her many friends had made arrangements to attend the affair, thus the news was a distinct shock to them.

We wish to extend, through the SPINDLE, the good wishes of their many friends in the shop and office.

F. Napoleon Guertin of the Planer job has been receiving congratulations upon the recent arrival of a baby girl into the family.

And How they Do Attract

The class was studying magnetism. "Robert," asked the professor, "how many natural magnets are there?"

"Two, sir," was the surprising answer.

"And will you please name them?"

"Blondes and brunettes, sir."

The only place where some men shine is on the top of their heads.

George Carr Takes An Early Dip

George "Choo Choo" Carr of the Polishing job, and one of the early campers on the banks of the Mumford, had the distinction of being the first bather of the season, although not from choice. "Choo Choo" is an exceptionally sound sleeper and on the morning of June 4, woke up to find that he had a limited time in which to make home, eat his breakfast and reach the shop. In his haste to get across the Mumford, "ChooChoo" pushed off hurriedly and his eighteen foot canoe tipped over and deposited him in the cold waters of this well known stream.

George was wondering what Jack Kelliher would say when he strolled in late, but was much relieved when Jack sympathized with him, he having had a similar experience not so many years ago.

Mr. Fisherman

For the sake of better forests and better fishing.

Be sure your match is out. Break it in two before you throw it away.

Be sure that pipe ashes and cigar or cigarette stubs are dead before throwing them away. Never throw them into brush, leaves or needles.

Before building a fire, scrape away all inflammable material from a spot five feet in diameter. Dig a hole in the center and in it build your camp fire. Keep your fire small. Never build it against trees or logs or near brush.

Never break camp until your fire is out—dead out.

To put out a camp fire, stir the coals while soaking them with water. Turn small sticks and drench both sides. Wet the ground around the fire. If you can't get water, stir in dirt and tread it down until packed tight over and around the fire. Be sure the last spark is dead.

Sure Indications

If you wish to know whether a man has been at work, look at his palms. If you wish to know whether a girl has been at work, look at the third finger on her left hand.—*Chatham, Ont., News.*



The husky youngster pictured above is Harack Bogosian, the five months old son of Archie Bogosian of the Foundry.

Money Matters

There's nothin' on earth that can make you upset, and worry you nearly to pieces, than carelessly falling a victim of debt, for once you are in, it increases.

You don't stop to think 'bout the items you charge, for small are the things you are getting. But each of the small ones will total a large and it brings you a large heap of gretting.

You plan far ahead of your Saturday pay, and it ruins the fun of receiving. From friends you have borrowed what's coming away—and you've borrowed a whole lot of grieving.

A kindly suggestion is always worth while, and will do you much good if you'll let it. A plan that will upset your frets, with a smile, is, don't spend your dough till you get it.—*Family Wash.*

There's at least one of these back of every accident:

I don't know.

I don't care.

I forgot.

What's the use?

It can't happen to me.

I can look out for myself.

This safety stuff is all "baloney."

John Lasell Makes Hole-in-One

John W. Lasell of the Main Office was the first member of the Whitinsville Golf Club to join the rapidly increasing number of "hole-in-one" golfers throughout the country. John made his successful drive on the second hole on the links of the Whitinsville Golf Club on the afternoon of May 4.

He received his diploma from the Burke Golf Company entitling him to membership in the famous "Hole-in-one Club," but was much disappointed on receiving the information that the Company had discontinued the practice of presenting a dozen golf balls to each new member, due to the fact that the membership in this club was increasing too rapidly.

We understand that John appreciated the diploma but regrets the fact that the feat was not accomplished in time to get in on the golf balls.

The easy boss isn't always the best boss. The employer who is exacting but just is the best man to work for. Under him the employee learns to do things as they should be done. Half-way measures don't go. This is a wonderful schooling for the young fellow who wants to push ahead. The world is filled with workers who can do a job fairly well. What the world wants are men who can do their work exactly right.

Last request—"It's no good mincing matters," said the doctor, "you are very bad. Is there anybody you would especially like to see?"

"Yes," replied the patient faintly.

"Who is it?" queried the doctor.

"Another doctor, please," whispered the invalid.

Husband: Telling lies is not one of my failings."

Wife: "No dear, it's one of your few successes."



The
WHITIN
Spindle



William Sproat's Prize Winning Garden

July-August
1926
Vol. 6 No. 10

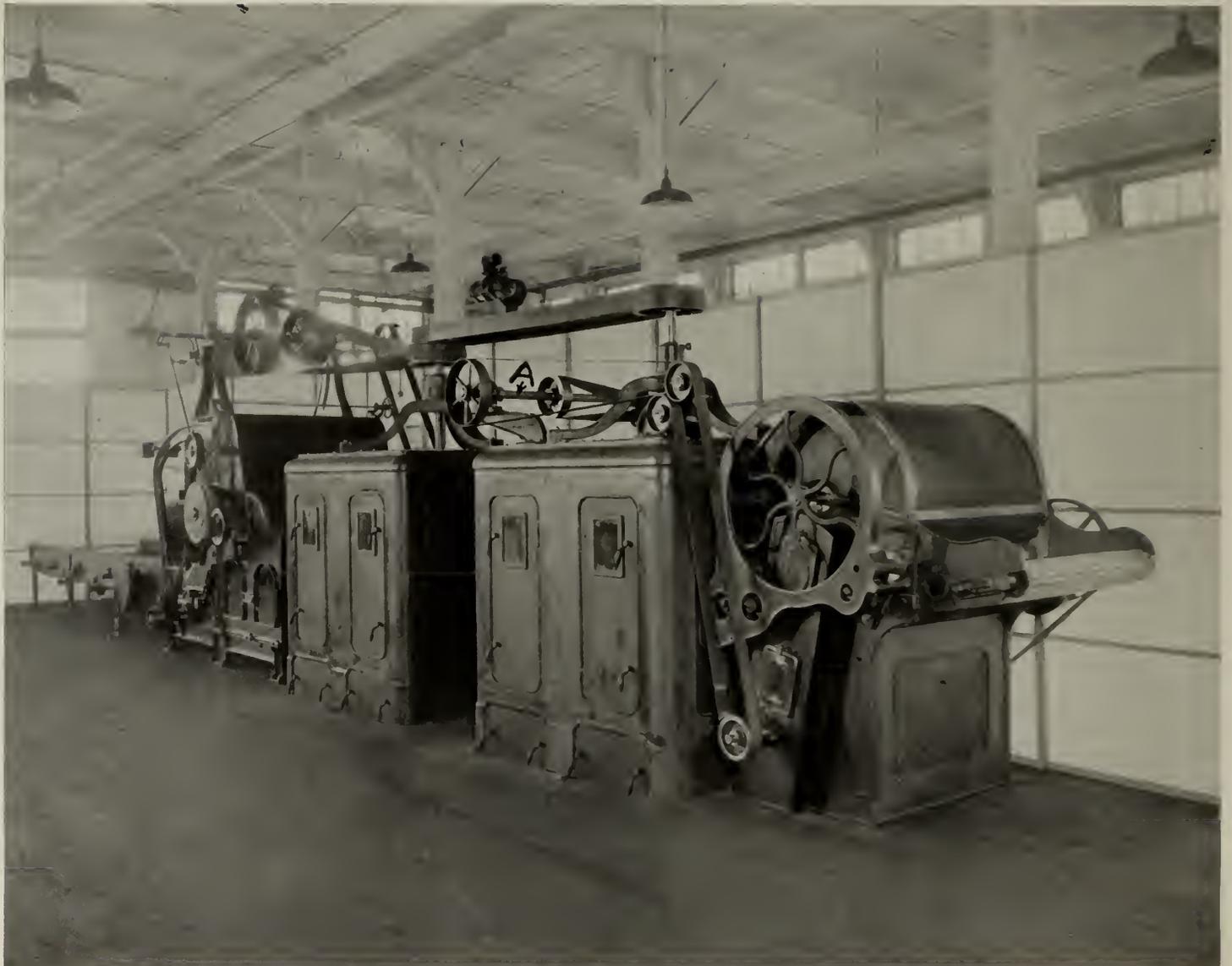


FIG. 1
Bale Breaker and Vertical Openers in Tandem with Cage Section

Whitin Bale Breaker Vertical Opener with Cage Section and C. O. B. Machine

The following is the third article in a series written by George H. P. Gannon of the Engineering Department in exposition of the various types of machines built by the Whitin Machine Works, so as to familiarize the employees with the names and function of every Whitin machine.

Vertical Openers.

Figure I shows a picture of the Vertical Opener in tandem with Cage Section and Bale Breaker attached.

Figure II shows a sectional drawing of the Whitin Vertical Opener. The central vertical shaft runs on ball bearings at the top and bottom. Mounted on this shaft are circular plates or disks, at the periphery of which are steel fingers (see Figure II for view of fingers). These steel fingers are tilted so as to form a vertical spiral. The finger disks are of such a diameter and so planed as to form a cone shaped beater. This cone can be adjusted vertically by the adjustment handwheel in the lower left hand corner.

Around the cone shaped beater are adjustable grid bars, hence the vertical adjustment of the cone shaped beater changes the distance between the grid bars and the tips of the beater fingers.

The purpose of this machine is to open and clean the cotton as a preliminary to further treatment in the picking machines. There are various points in the process of picking in which this machine is used and Figure I shows a picture of a Bale Breaker feeding two Vertical Openers in tandem with a cage section at the extreme right discharging the cotton from a lattice apron. (Note the many cleaning doors on the side of the Vertical Opener).

Figure III shows a picture of a Vertical Opener and Cage Section taken on the opposite side of the picture shown in Figure I. The belt drive shows how the cage and apron are driven from the fan shaft (about 300 R. P. M.).

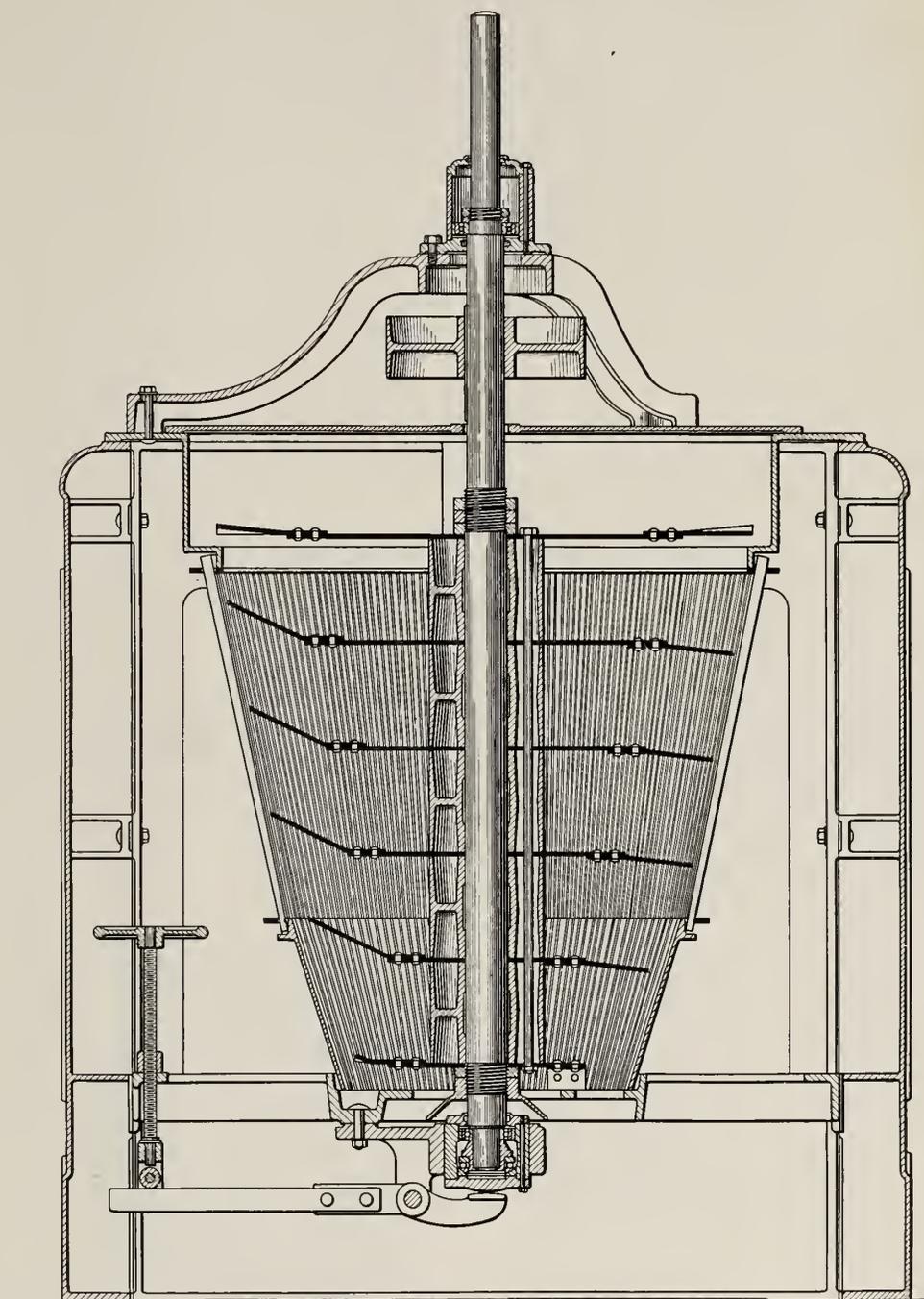
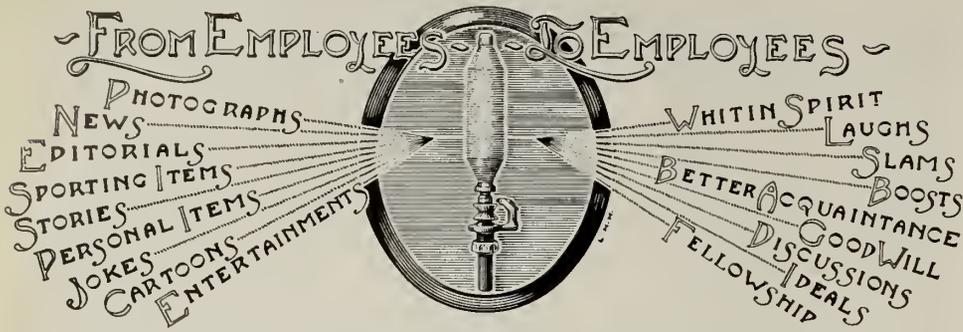


FIG. II

Vertical Opener

The modern belt drive for our Vertical Opener is a quarter turn drive from a countershaft (similar to that marked A in Figure I) to the vertical beater shaft. We have also a gallows pulley drive, a rope drive (now nearly obsolete) and a direct motor drive. Figure I also shows a quarter turn drive from Bale Breaker to first Vertical Opener and a vertical shaft belt drive between the two Vertical Openers.

Whenever it is deemed necessary by a mill to give their cotton an extra fine cleaning and opening, we are in a position to meet their demands by use of our C. O. B. Machine, the initials standing for Cleaning, Opening and Blooming. Figure IV shows the external view of a one section C. O. B. Machine, this machine usually being installed in three sections. Due to the fact that the cotton is



Published Monthly by Employees of the Whitin Machine Works, Whitinsville, Mass.
Free to Employees. Additional Copies Ten Cents

EDITORIAL STAFF

Henry S. Crawford
William T. Norton
John W. Lasell

Photographer, Robert Metcalf

Cartoonist
John Minshul

What's Wrong with The World?

Five men were grading a lawn in front of a new building. One of them was shoveling dirt from a large pile. Another was raking it. Two were throwing stones at a small tree and betting on the result. The other man was leaning against a tree smoking his pipe and watching them. All five men were being paid regular wages for full time work.

In a cotton mill, a weaver is running a loom. Two threads are broken in the warp—but it is only a few minutes till the noon whistle blows. If he stops the loom and repairs the damaged threads, he cannot finish that piece of work before dinner. So he keeps the loom running—and five or six yards of cloth are spoiled because of poor workmanship.

The inside of a factory has been repainted. The walls are all white and look very clean and cheerful. But down in one of the wash rooms several persons have made their initials with red paint in letters a foot high. Perhaps they didn't think; perhaps they didn't care.

Laziness, wastefulness and a thoughtless "don't care for the other fellow" spirit—each one of these

things may seem little in itself, but multiply them a million times and we think you will find a big part of the trouble in the world today.
—Babson Institute.

White-Marshall

On Saturday, August 7, Curtis White of the Annealing Room, and Margaret Marshall of this town were married in the parsonage of the United Presbyterian Church by the Rev. T. M. Huston. After the wedding Mr. and Mrs. White left on a wedding trip to Maine.



The Japanese cucumber, in the shape of a horseshoe shown on this page, was raised in the garden of Mike Vanderakker of the Spindle job. This cucumber measured 27 inches from tip to tip.

The reason a dollar will not do as much as it once did is because people will not do as much for a dollar as they once did.



R. T. Comer

Members of the Whitin Machine Works were sorry to hear of the death of Rueben T. Comer, popular member of the sales organization, during the latter part of June, after a short illness.

Mr. Comer entered the Whitin Machine Works in October, 1921, and at that time gave over most of his time to the development of the waste machine. He was a native of Georgia and a graduate of Georgia Tech. Previous to coming to Whitinsville he was connected with the Anglo-American Textile Machinery Company as superintendent of construction and later as sales agent.

Our sympathy is extended to his family.

Francis L. Joslin of the Wood Pattern job has been receiving congratulations on the recent arrival of a baby girl into the family. Mr. and Mrs. Joslin have named the youngster Lorraine Virginia.

Ernest Hill of the Blacksmith Shop has been receiving congratulations on the arrival of a 6½ pound baby boy into the family. The baby has been named Maurice Dalton.

William Crossland of the Spinning Erecting job has been receiving congratulations upon the recent arrival into the family of a baby boy. Mr. and Mrs. Crossland have named the lad Robert Kenneth.

Our Long Service Series

J. William Dale, foreman of the Repair job, joined our long list of forty-year service men during the month of July.

Mr. Dale entered the shop on July 1, 1886 and started in to serve his time as a machinist apprentice, being first employed under Fred Houghton on drawing, and later worked for Howard Burbank and for David Smith on railway heads. Mr. Dale has spent some time on the road at various times erecting drawing frames and repairing railway heads.



J. William Dale

He was appointed assistant foreman of the Repair job in 1893 and upon the retirement of Mr. Lowe in 1895, due to ill health, he was made foreman of the department.

Might Have Known

Stranger (at gate): "Is your mother at home?"

Youngster: Say, do you suppose I am mowing this back yard because the grass is long?"

Too often character is confused with reputation. Character is what we are in the dark.

A few men like to take credit for all that is right about a job and blame someone else for all that is wrong. But they don't get very far.

Prize Fish Story Goes To Drafting Room

George "Flickin" Deeks of the Drafting Room gets the prize for the best fish story up to press time. Some good ones have been told around this town in days past but this one takes the cake. The following news item, in which "Flickin" plays the leading part, appeared in the Boston Herald on Tuesday, August 3.

"Six good men, tried and true, vouch for this. Need one add that it is a fish story?"

Three successive nights one of these men has headed his canoe past a certain log in Meadow View Pond, Whitinsville, at exactly 9:04 o'clock. Each time a flying bass has leaped from beneath the log into his canoe.

George Deeks, 17 Linden Street, Whitinsville, has set down the facts in a letter to The Herald, which follows:

"I have used everything from a fly to a crab wiggle, and have caught many nice bass here in Whitinsville. But for the past three nights I have discovered that cove which is the mecca of bass fishermen.

"This might be called the "Lagoon of Flying Bass," for as I paddled my canoe past a certain log, headed directly north, a two-pound bass leaped from under the log and landed in the canoe. This happened three nights in succession and at exactly 9:04 p. m. After the first experience I endeavored to keep all conditions alike as to the time, direction of paddlings, position, etc.



"For witnesses I will name the men who have witnessed the lureless bass trap at Meadow View Pond at least once; Hugh Currie, Maple Street, Whitinsville; Earle Wood, Maple Street, Whitinsville; Arthur Cobbet, Upton; Henry Crawford, Whitinsville; S. H. Helland, 110 East Street, Whitinsville."

E. Ernest Plante Completes Apprenticeship

E. Ernest Plante has successfully completed his course as Mechanical Draftsman and has been assigned a regular position in the Engineering Department.

Mr. Plante entered the Whitin Machine Works Apprentice School in September, 1923, starting for Mr. Dale on the Repair job. He was later transferred to Mr. Marshall's job and later worked on the Bolster job, Cylinder job, Card Erecting job and the Drawing job. On July 6, 1925, he was transferred to Engineering Department where he spent a year in special training for his present work. We extend our congratulations to Mr. Plante on his successful completion of the course.



E. Ernest Plante

The small boy was directed to soak his feet in salt water to toughen them. He considered the matter thoughtfully and then remarked to himself:

"It's pretty near time for me to get a lickin'; I guess I'd better sit in it."

—The Arrow.

Aladdin's lamp can't hold a candle to your own brains, if you rub them once in a while.

There's no excuse for errors made in pure carelessness.

Foundry Takes Lead in Sunset League

The fight for the championship of the Sunset League is as keen this year as it has been in the past, the Foundry and the Spinning battling down the home stretch with but half a game between them. The past few weeks have seen some interesting and hard fought games at Vail Field, with the Speeders the hard luck team of the league, having lost several games by one run. "Sally" Jones has his Foundry team all tuned up for the drive down the home stretch but will have to step some to beat out Johnnie Steele's fighting Spinning team.

One of the interesting features of the past few weeks has been the consistent batting of Jimmie Ashworth, manager of the Speeder aggregation. Jimmie is now sporting an average of .576 and at the present clip will have no trouble in copping the individual average batting award.

Due to conflicting dates with the Blackstone Valley League schedule it has been impossible for Montgomery to umpire all the games. His place has been filled very satisfactorily by Pat McGuinness and Louis Veau of the Foundry.

On Monday evening, June 14, the Spinning defeated the Yard in a well played game by the score of 3 to 2. It was a pitcher's battle between Malgren and Postma, the Spinning getting but three hits from Malgren. Timely hitting by Crawford was responsible for the Yard runs, while Wallace was the big noise at the bat for the winners.

On Monday evening, June 21, the Speeders lost to the Yard 8 to 4. Seven bases on balls together with a few timely hits accounted for most of the runs scored by the winners. Malgren and F. Brown led the attack for the winners each getting three hits, while the batting and fielding of Carr was the outstanding feature for the Speeders.

The Foundry defeated the Yard in an interesting game on June 28, 8 to 7. Good plays were contributed by both teams, Fowler being the outstanding player in the field for the winners, while the hitting of



FOUNDRY TEAM

Front row, left to right—Peter Nash, James Hayes, Earl Wood, Louis Veau. Back row, left to right—Sakie Buma, Wm. Murray, Harold Johnston, Winford Jones, Robt. Keeler.

Malgren and Crawford featured for the Yard.

On June 30, the tail-end Speeders gave the league leaders a hard battle only to lose out 7 to 6. Postma and O'Neil led the attack for the winners, the former getting a triple and two singles while O'Neil got two singles. Pete Buma hit well for the losers while Jimmie Davidson played a good game in the field.

The Foundry team slugged out a win on Monday, July 12, taking the tail-end Speeders into camp 18 to 8. "Choo Choo" Carr kept up his good work with seven put-outs and three assists without a slip-up. Jimmie Ashworth, Fowler and Veau each secured three hits.

The Spinning team dropped its second game of the year on Wednesday, July 14, losing to the Yard 5 to 4. This was a battle between Postma and Malgren, each pitcher allowing but three hits. Ragged fielding behind them was the direct cause for most of the runs scored, both teams erring at critical times.

The Spinning team retained its hold on first place when the Foundry lost out 7 to 3. The winners got to Murray for three runs in the first and

second innings, which lead proved too much for the Foundry to overcome. O'Neil, Wallace and J. Sullivan led the attack for the Spinning, while Keeler and Murray each secured two hits for the losers.

The Yard made it two straight on Wednesday, July 21, defeating the Speeders 8 to 5. Campo pitched a steady game for the winners and his hitting was the deciding factor in the game, while Dick Buma turned in some good plays at short for the Yard.

The first triple play in the history of the Sunset League was pulled off on Monday, July 26, at the expense of the Speeders, and cost this team the ball game. With the bases full, Davidson hit a line drive to Carroll at short, who in turn tossed it to Wallace who then relayed the ball to O'Neil retiring the side. Carroll, with four hits in five trips to the plate led the attack on Ashworth. Jimmie Ashworth and Wood each secured three hits for the losers.

The Foundry stopped the winning streak of the Yard on Wednesday, July 28, winning 7 to 3. The winners bunched seven hits with a couple of errors in the fourth inning and pushed across six runs, which proved

Whitin Team Holds Second Place In Valley League

The Whitinsville team in the Blackstone Valley League is still in the runner-up position as the teams are preparing for the fight down the home stretch, being three games behind the league leading Schuster aggregation and two and one-half games ahead of Millbury. Since the last SPINDLE the team has accomplished the feat of downing the East Douglas team four straight games, the fourth one being by the forfeit route. If the other teams, with the exception of Milford, would take an occasional fall out of the leaders the prospect of the Whitin team leading the league would be good.

Due to the fact that the grounds at Vail Field could not accommodate the crowds that were beginning to attend the games, it was necessary to transfer the home games to the Linwood Avenue Grounds. Since this transfer the team has chalked up eight straight wins at home, the last one being a fourteen inning affair over Rockdale. A short summary of the games played in July and August follows.

The first game played on the Linwood Avenue Grounds was on Thursday evening, July 1, with the Rockdale team as our opponent. It was a pitchers' battle for four innings, but the home team pushed across three runs in the fifth, which proved to be enough to win. Doc Durgin's home run in the eighth was one of the longest drives seen on Linwood Avenue Grounds in some time.

Monday, July 5th, will be a day long remembered in Whitinsville, as Walter Schuster's highly touted East Douglas aggregation met defeat at the hands of the Whitinsville team in both the morning and afternoon games. For seven innings the morning game looked like another Douglas win, but this aggregation went to pieces in the eighth inning and when the smoke cleared up seven runs had crossed the plate. Four errors on the part of the Douglas infield helped the cause. Hartnett, who relieved Conway in the third inning after Douglas had scored twice, held the heavy hitting Douglas team to one hit.

Jack Jowett was selected to start the afternoon game and turned in a neat job, letting the Douglas team down with one hit while Canavan was touched up for eleven. Jowett's pair of singles were responsible for both Whitinsville runs, he coming through after Trauske had hit safely and been pushed along to second on sacrifice hits by Phelan. Jack was in trouble often due to wildness but good work on his part coupled with good support by the entire team put over the win.

Following the double defeat handed the leaders, the team went to Rockdale on Thursday and lost 9 to 3. The home team scored six times in the sixth inning after an error which should have resulted in a double play and retired the side.

The Milford team was defeated here on Saturday, July 10, 10 to 4. Boyce let the visitors down with four hits in the first eight innings but let up in the ninth when they scored four times. Dick Phelan with a single, double and home run featured at the bat.

A "Frank Merriwell" finish featured the Whitinsville win over Fisherville on Thursday, July 15.

With three on and the score tied in the seventh, "Doc" Durgin stepped to the plate and drove one to deep right field which was good for the circuit and the ball game.

The team made it three straight over the Douglas team on Saturday, July 17, defeating this team 3 to 1, with Jowett in the box. He set them back with six hits and the only run was scored through an error. Kearnan's home run decided things in the third inning, but another was scored for good measure in the sixth on Jowett's double and a single by Wise.

On Monday, July 19, the team played off a postponed game with Milford winning 9 to 7, Eddie Boyce turning the trick for the fourth time. Milford scored five times in the last inning after finding the range on the short right field. "Doc" Durgin hit two doubles and two singles in this game.

Inability to hit McFayden when hits meant runs resulted in a tie score in the game at Fisherville on July 20. With two runs already across and two waiting to score he struck out two pinch hitters and ended the game.

Continued on page 11 column 3



SPINNING TEAM

Front row, left to right—John Walsh, Wm. Carroll, Newell Wallace, Thomas O'Neil. Back row, left to right—Ynte Postma, Wm. Steele, Geo. Kane, Geo. Hartley, John Steele.

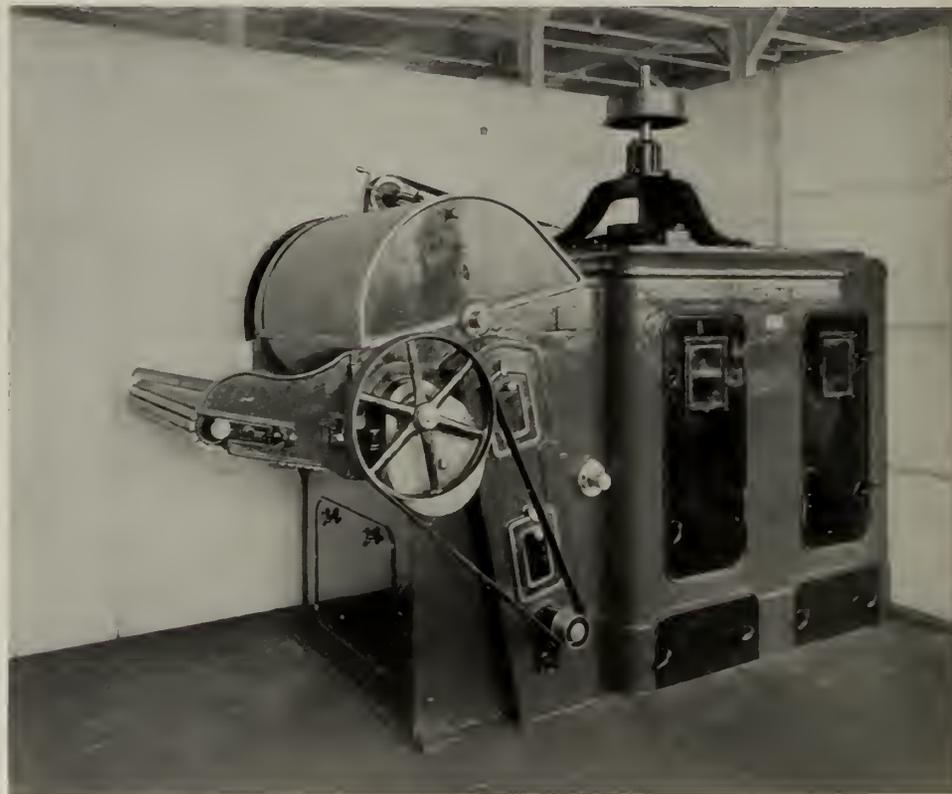
Whitin Bale Breaker

Continued from page 3, column 3

agitated and aerated by being sucked through this machine by air, it can be readily understood that there is no possible chance of the cotton being either curled or injured as sometimes happens when excessive beater speeds are used in trying to clean cotton as it is going through the Bale Breakers and Openers.

Figure V is a sectional drawing clearly illustrating the function of this machine. The cotton enters through the pipe marked "cotton inlet" and passes over the series of vibrating fingers and over the grid bars to be found at the bottom of each inverted "U"-duct. It is to be noted that the fingers are easily adjustable from the outside by means of the levers to be seen in Figure IV. At each important point there is also a port hole through which the action of these fingers on the cotton can be noted. As seen in drawing V the dust and dirt settle in the chambers beneath the grid bars and is periodically cleaned out by the operator.

By use of this machine the cotton is cleansed of much of the fine peppery sand and trash which later does much damage to the card clothing, and



Vertical Opener with Cage Section

is to be found throughout the remaining processes of a mill unless taken out. The cotton is also opened in such a way that when later processed through the picking machines the beaters have no difficulty in knocking out the large leaf which is

usually embedded in such a way that a beater merely pulverizes it rather than eliminates it. In other words, this machine is unexcelled in those cases where a mill is looking first and foremost for quality of production rather than for production pure and simple.



One Section C. O. B. Machine

William "Monty" Montgomery of the Production Department, and well known umpire in the Blackstone Valley League, has decided to take a bodyguard with him to all future games in which he officiates in Fisherville. "Monty" was placed in the predicament shown on this page during a recent game between Fisherville and East Douglas. "Monty" says there is no question but what "the female species of the race is more deadly than the male."



We understand that Irving Dalton, popular member of the Supply Office, is to take the big step and join the matrimonial ranks on or about Saturday, September 11. Dollie's friends around the shop, and they are numerous, wish him the best of luck.

Plenty of good oil in the right place helps to take the kinks out of production, but it never does any good on the floor.

Keep the ways of lathes and planers clean and well oiled; frequent wiping with clean waste keeps the machine in the pink of condition.

Always clean out the chip pan before machining copper or brass.

"Debt is like any other trap; easy enough to get into but hard enough to get out of."

"Pay as you go—unless you are going for good."—Anon.



The above pictures were taken by George Newbegin, foreman of the Blacksmith Shop, while spending his vacation in the wilds of Maine. Mr. Newbegin was twenty-seven miles from the nearest town, paddling this entire distance up a river. In the above group of pictures may be seen Mt. Katahdin in the background of a lake, a close-up of a beaver dam and a good view of one of the cabins. In the picture in the lower left hand corner a fish hawk's nest can be seen on the top of the tree in the center of the picture. That enticing string of square tailed trout was caught in less than two hours.

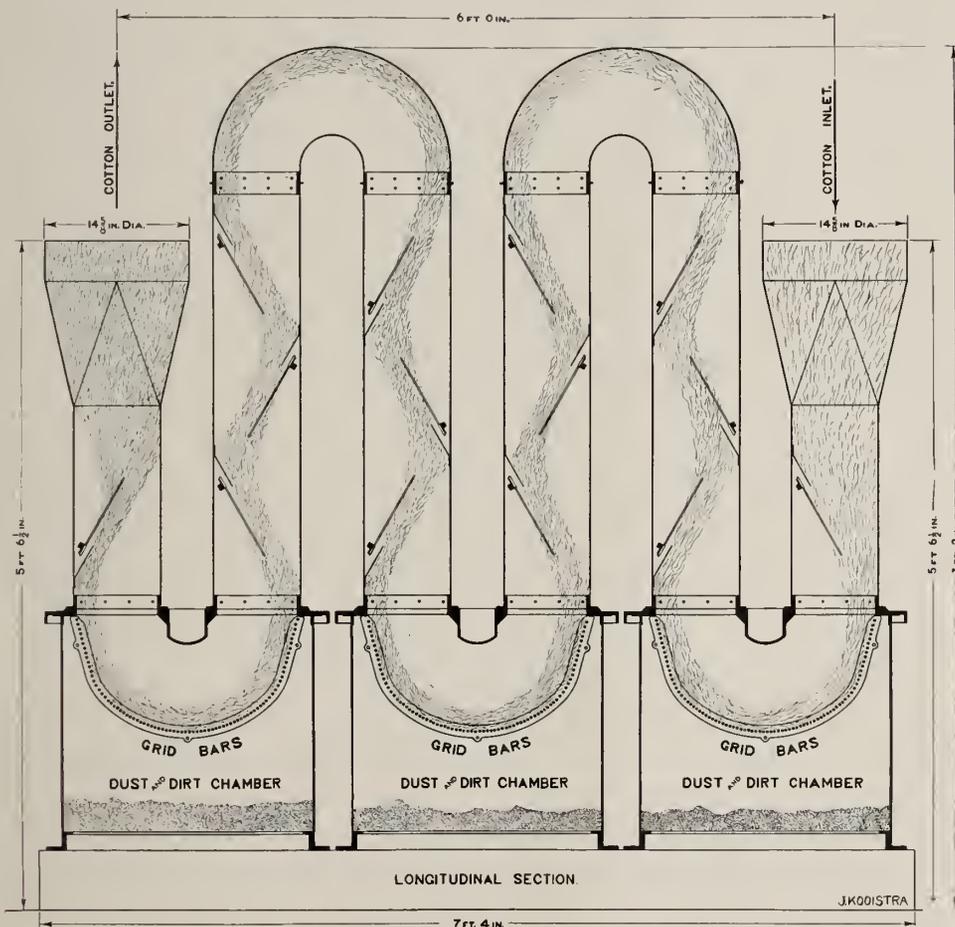
Good Advice

Dentist—"Will you take gas?"
Pugilist—"Will it hurt much if I don't?"

Dentist—"I'm afraid it will."
Pugilist—"Then for your sake I think I ought to."—Exchange.

Poor Golfer: "Say, kid, what kinda score did that fellow you was totin for make today?"

Caddy: "See here mister, his score is whatever he says it is, he gave me two dollars."



Sectional Drawing C. O. B. Machine

Foundry Takes Lead

Continued from page 6, column 3

to be enough to win the game. The felding of McGuinness was the feature of the game, he taking eight chances without an error. Veau led the Foundry attack with four hits in four trips to the plate.

The Spinning team scored the first shut-out of the season on Monday August 2, blanking the Yard 12 to 0. Postma twirled the best game seen at Vail Field this season, letting down the hard hitting Yard team with but one hit, twenty-two men facing him in seven innings. The Spinning attack was centered around Walsh, O'Neil, Wallace and W. Steele.

In the best played game of the year the Foundry defeated the Speeders on August 4, 2 to 1. Murray, pitching for the winners, let the Speeders down with two hits and sent eleven back to the bench by the strike-out route. Ashworth was in good form also, the winners getting but four hits off his delivery. "Choo Choo" Carr's triple accounted for the lone Speeder run, while Jimmie Hayes' timely single scored both the Foundry runs.

The Speeders dropped another game on Monday, August 9, the Yard defeating them 9 to 6. Good plays were turned in by Joe Benoit, Jimmie Davidson and "Stuff" McGuinness. Malgren led in the Yard attack with two triples and a double while Jimmie Ashworth gathered a double and two singles for the losers.

The Spinning relinquished their hold on first place on Wednesday evening, August 11, losing to the Foundry 5 to 4. Murray and Postma were in good form each fanning seven men during the game. Murray helped his own cause considerably with his good work at the bat while W. Steele hit well for the losers.

The league standing and batting averages up to Wednesday, August 11, are as follows:

LEAGUE STANDING			
	Won	Lost	Per Cent
Foundry	7	2	.777
Spinning	7	3	.700
Yard	5	5	.500
Speeders	1	11	.083

BATTING AVERAGES				
	AB	R	H	C%
Ashworth	33	14	19	.576
Murray	24	4	12	.500
Sullivan, J.	22	8	10	.455
Crawford	20	7	9	.450



Hartley	12	5	5	.741
Malgren	28	7	11	.393
Buma, P.	26	7	10	.385
Steele, W.	21	2	8	.381
Veau	19	5	7	.368
Brown, F.	14	2	5	.357
Fowler	24	7	8	.333
McKee	29	7	9	.310
Keeler	29	4	9	.310
O'Neil	36	11	11	.306
Jones, W.	23	3	7	.304
Walsh	33	6	10	.303
Barlow	10	1	3	.300
Nash	17	8	5	.293
Flynn	14	2	4	.286
Carr	39	9	11	.282
Campo	33	6	9	.273
Shugrue	37	5	10	.270
Buma, R.	26	7	7	.269
Jowett	15	3	4	.267
Carroll	30	7	8	.267
Buma, S.	20	3	5	.250
Steele, J.	16	3	4	.250
Lozier	16	2	4	.250
Benoit	35	4	8	.229
Jones, C.	28	2	6	.214
Simmons	19	3	4	.211
Wood	24	3	5	.208
Postma	29	5	6	.207
McGuinness	30	6	6	.200
Hayes	25	6	5	.200
Wallace	24	5	4	.167
Andrews	19	1	3	.158
Snow	14	0	2	.142
Cambo	18	5	2	.111
Britton	10	1	1	.100
Corron	21	5	2	.095
Davidson	23	5	2	.087
Hall	26	1	2	.077

The above is a picture of Mr. T. Asabuki, exclusive agent for the Whitin Machine Works in Japan, and his family. Mr. Asabuki has many business connections in Japan and, at the present time, is President of the Imperial Life Insurance Company. He is a great lover of outdoor sports and it has been through his efforts that tennis has become such a popular game in Japan. He has in past years been instrumental in sending the best Japanese players to the United States.

A lot of us make the mistake of telling the boss how valuable we are without actually showing him.

A mechanic will seldom improve his craftsmanship when he has only himself for a model to copy.

Don't Tempt Her!

Rastus Jackson, a thoroughly married darkey, was one day approached by a life insurance agent.

"Better let me write you a policy, Rastus," suggested the agent.

"No, sah," declared Rastus emphatically, "Ah ain't any too safe at home as it is!"—I. M. A.

You will have to pay for safety when you try to get along without it.

Think, and your work will be a thousand times easier, no matter what kind of job you have.

Mid-Year Inspection and Awarding of Prizes by Home Garden Club

The annual inspection of the gardens and potato patches of the members of the Whitin Home Garden Club was held on Wednesday, August 11. With one hundred and eighty-five gardens to look over, the largest in the history of the club, it was a difficult task to determine the various prize winners. Mr. Herbert L. Reiner assistant Agricultural Agent of the Worcester County Extension Service was the judge.

The various gardens were judged on the same basis as in past years, that is, ten points being awarded for variety, ten points for the value of the produce and twenty points for the condition of the garden, making it possible to score a total of forty points. Only gardens in which potatoes were raised were judged separate from the variety gardens and were judged on a basis of forty points.

William Sproat of the Plumbing department won first prize for having the best garden in town, making the second successive year that Mr. Sproat has captured the prize. Al-

though this has been anything but a good year for gardeners Mr. Sproat had a garden that had plenty of variety and which was kept in first-class condition and was deserving of first prize. Second prize went to A. Carriere of the Brick School section, who was a very close second to Mr. Sproat.

First prize for the best potato patch was awarded to James McQuilken. Like Mr. Sproat, this was the second successive year that this prize has been awarded to Mr. McQuilken. Second prize went to Frank McGowan of the New Fairlawn section, who scored a point less than Mr. McQuilken.

Mr. Reiner stated that the blight was noticeable in the potatoes in town and also in all of the other towns in Worcester County, and predicted that there would be a shortage of potatoes during the winter months.

Mr. H. E. Keeler, President of the Home Garden Club and James McRoberts assisted Mr. Reiner.

The list of prize winners is as follows:

TAYLOR HILL				
Lot No. 1	Garden No. 5	32 points	Joseph T. Cahill	\$1.00
Lot No. 2	Garden No. 4	22 points	Kenneth E. Benner	\$1.00
Lot No. 3	Garden No. 34	29 points	Paul Wheeler	\$1.00
Lot No. 4	Garden No. 40	34 points	William Sproat	\$1.00
Lot No. 5	Garden No. 69	29 points	James Hayes	\$1.00
Best garden on Taylor Hill—Garden No. 40			William Sproat	\$1.00
NEW FAIRLAWN				
Garden No. 3		27 points	Fred Brown	\$1.00
OLD FAIRLAWN				
Garden No. 2		30 points	Gilbert Harwood	\$1.00
CRESCENT STREET				
Garden No. 5		31 points	William Walsh	\$1.00
BRICK SCHOOL				
Lot No. 1	Garden No. 23	25 points	Robert Marshall	\$1.00
Lot No. 2	Garden No. 12-14	30 points	Simon Platuke	\$1.00
Lot No. 3	Garden No. 24	30 points	J. Harringa	\$1.00
Lot No. 4	Garden No. 60	33 points	A. Carriere	\$1.00
Best garden at Brick School—Garden No. 60			A. Carriere	\$1.00
RESERVOIR				
Garden No. 7		29 points	Joseph Grignon	\$1.00
BEST POTATO PATCHES				
1. Garden No. 3	James McQuilken	27 points	Taylor Hill	\$3.00
2. Garden No. 5	Frank McGowan	26 points	New Fairlawn	\$2.00
SPECIAL PRIZES FOR POTATO PATCHES				
Garden No. 57	G. Nydam		Taylor Hill	\$1.00
Garden No. 19	Arthur VanDyke		New Fairlawn	\$1.00
Garden No. 10	Lawrence Donovan		Old Fairlawn	\$1.00
Garden No. 9	Patrick McDonough		Brick School	\$1.00
TWO BEST GARDENS				
1. Garden No. 40	William Sproat	24 points	Taylor Hill	\$5.00
2. Garden No. 60	A. Carriere	33 points	Brick School	\$3.00

Team Holds Second Place

Continued from page 7, column 3

In the first extra inning game of the year, the Millbury team came out on top in Millbury on Saturday, July 22. Hartnett pitched good ball and a pair of scratch hits helped along his downfall. Clinton featured for Whitins with three hits.

Milford won its first game of the season from Whitinsville on Saturday, July 31, in Milford 13 to 7, scoring six times in the seventh inning. Billy Wise played a great game in the field, accepting eight chances without an error, besides hitting three singles.

Whitins made it four straight over Douglas on Thursday, August 6, when they forfeited the game 9 to 0. Walter Schuster disagreed with a decision made by Umpire Montgomery and refused to allow his team to remain on the field. Douglas was leading at the time of the dispute, 3 to 2, and Mr. Schuster ruined what looked like a great ball game.

When Millbury was defeated on August 7, Whitins chalked up win number seven on the home ground. This game was in doubt until the last inning, three runs in the eighth deciding it.

Fisherville was handed the game in that town on Friday, August 13, seven errors accounting for their five runs, while the Whitin team scored but four. Hartnett pitched a fine game and deserved a win if anyone did.

In the longest game of the season, Rockdale was defeated on Saturday, August 14, but it took fourteen innings. Jowett was hit hard in the closing innings and was relieved by Hartnett in the tenth. His relief hurling was a feature, but one hit being made off him in the remaining five innings. A walk, sacrifice and an error by the visiting third baseman accounted for the winning tally.

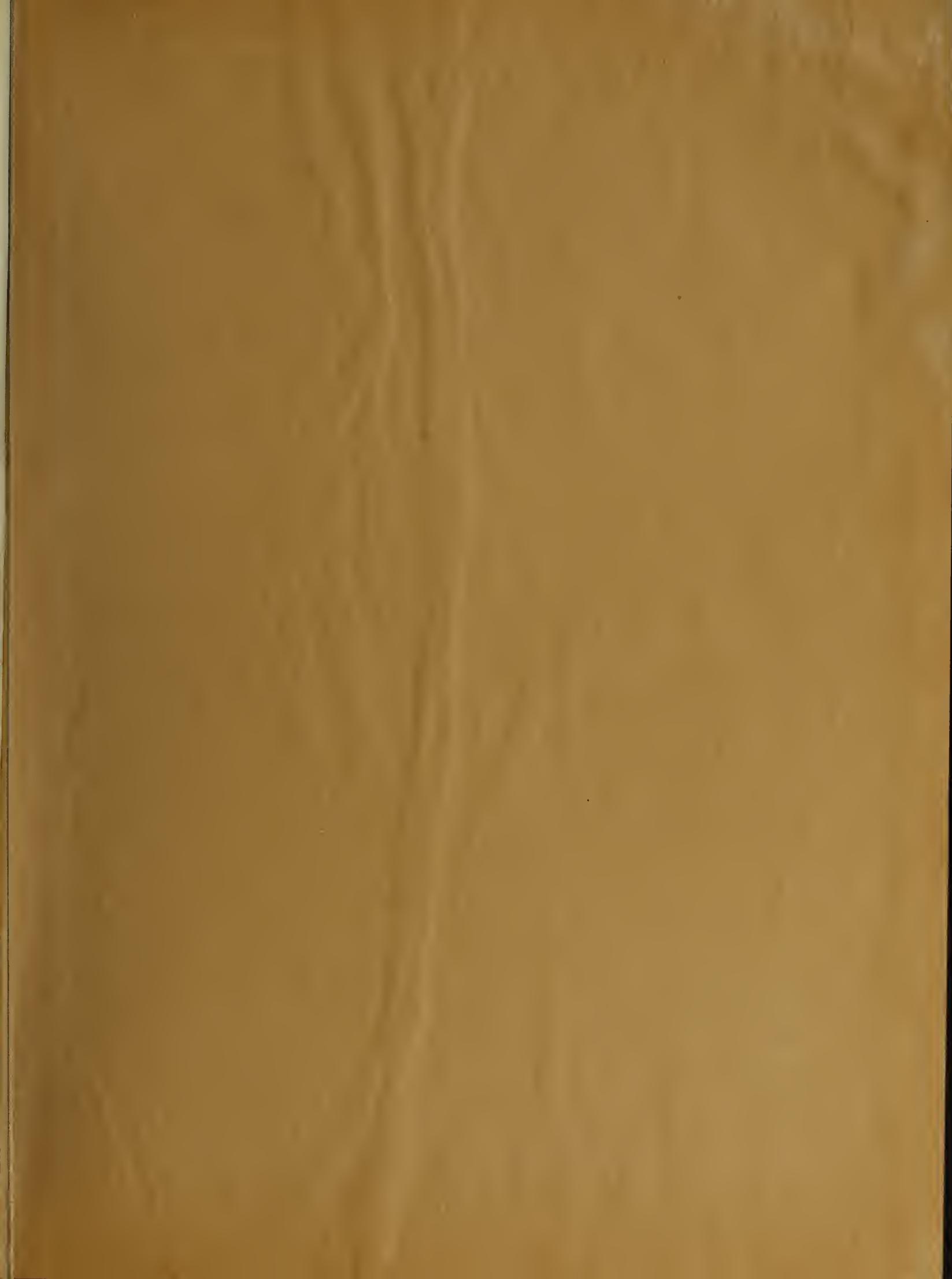
Never tell a man what you would do if you were in his place, for he might tell you what he would do if he were in your place. Then there would be two liars.

Every fellow is entitled to his opinion. If he is right he need not argue to prove it—if he is wrong argument will not make him right.



Old Fairlawn
Reservoir (Old Section)
Brick School Section

New Fairlawn
Arcade Section
Reservoir (New Section)



Apr 22 -
May 187 1/2
Sept 1 1/2

WHITINSVILLE SOCIAL LIBRARY



3 7475 0008 7755 6

