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# PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY.  
ESTABLISHED IN 1872

Vol. LXIX. No. 11 NEW YORK AND CHICAGO, SEPTEMBER 11, 1919

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# PAGE 15!

  
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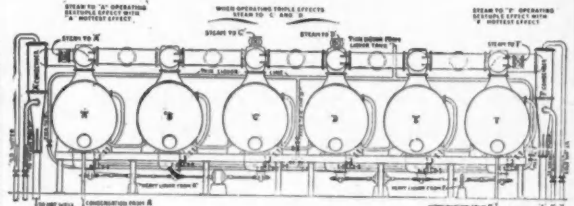
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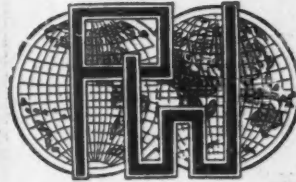
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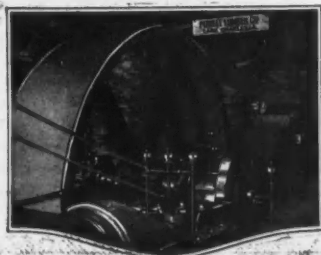
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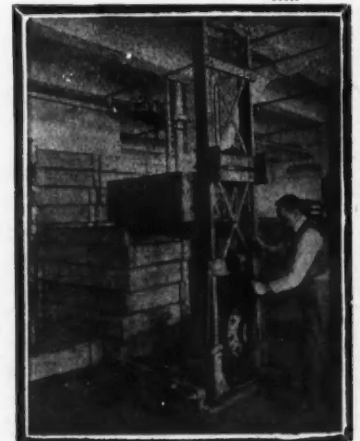
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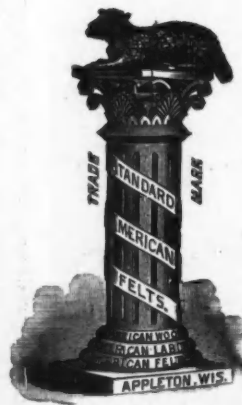
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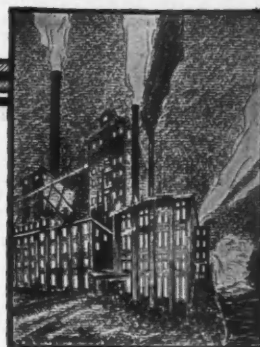
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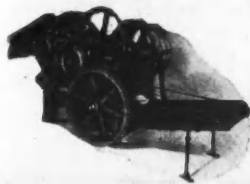
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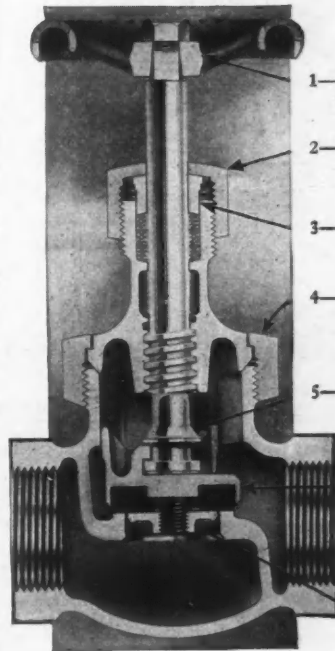


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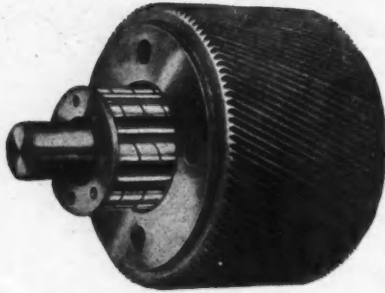
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# PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

## FORTY-EIGHTH YEAR

PUBLISHED EVERY THURSDAY BY THE

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NEW YORK AND CHICAGO

Thursday, September 11, 1919

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## PAPER MATTERS OF INTEREST IN AND ABOUT WASHINGTON

**Committee to Make Federal News Print Investigation Is Appointed—Little Tariff Legislation Is Expected—Duties on Dyes May Be Changed—National Industrial Conference Called for October 5-10—Paper Manufacturers Abide by Rulings of Committee—Foreign Representatives Scarce—Cotton Hull Makes Good Paper—Mark Hyman to Resume Law Practice.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., September 9, 1919.—Senator LaFollette last night appointed the following sub-committee to investigate the news print industry, of which he will be chairman: Reed, of Missouri; Gronna, of North Dakota; McNary, of Oregon, and Walsh, of Massachusetts. No date has been set for the hearings but it is not expected that they will commence for two or three week yet anyhow.

### Little Tariff Legislation Expected

If rumors count for anything there will be little or no tariff legislation passed by the Senate at this session of Congress. There seems to be a very strong sentiment on the Senate side against the passage at this session of any tariff legislation.

In this connection legislation on dyestuff tariff may be the one exception. It is felt, no doubt, that President Wilson would not veto a bill for dyestuff legislation but that he probably would veto a bill for any other kind of tariff legislation. At any rate so far the Senate has shown no interest in tariff action which has been taken at this session by the House and no action has yet been taken on the tariff bills which have already been passed by the House.

### National Industrial Conference Oct. 5-10

An announcement has been made at the White House that the National Industrial Conference has been called by the President to be held in this city between October 5 and 10.

Only preliminary arrangements have been made but it has been stated that President Wilson himself will preside and that there will be some 45 to 50 representatives at the conference. These representatives are to be chosen by the President himself from lists of names which will be submitted to him by both capital and labor. The President has communicated with the Chamber of Commerce of the U. S. as well as other large organizations and as associations asking them to submit the lists of names from which he will choose the delegates.

### Misbranding Recommendations

According to information reaching officials of the Federal Trade Commission more than 80 per cent of the paper manufacturers of the country have stated in writing to the American Pulp and Paper Association that they will abide by the plan which was worked out by the paper committee with officials of the Commission in regard to the alleged misbranding of paper.

It is understood that many of the other manufacturers will also abide by the decision of the committee and it is expected before the matter finally is concluded that all or almost all of the paper manufacturers of the country will decide to accept the committee's recommendations. It is understood that the American Pulp and Paper Association in the near future will send out a follow-up letter in connection with this mis-branding case and all the Association will keep after the paper manufacturers until they have all signed the stipulation as recommended by the committee of paper manufacturers, which conferred in Washington

several months ago with officials of the Commission in regard to this matter.

### Mark Hyman to Resume Law Practice

Mark Hyman, who it may be remembered was the attorney in charge of the paper investigation for the Department of Justice and who more recently has been solicitor for the United States Shipping Board, has resigned his position as solicitor and will resume his law practice in New York City.

### International Trade Conference

The dates for the International Trade Conference at Atlantic City called by the Chamber of Commerce of the United States, have been fixed for September 30-October 3, by Homer L. Ferguson, president of the National Chamber, and A. C. Bedford, chairman of the Executive Committee of the Conference. It was announced that the business delegates from England, France, Italy and Belgium would arrive in the United States about September 25, and at least 3,000 American business men will meet the foreign delegates at Atlantic City to discuss plans for the restoration of world commerce. Twenty vital subjects will be considered. After the conference the foreign delegates will make a short tour, visiting leading industrial centers, as guests of the National Chamber.

### Foreign Representation

One of the difficulties confronting the manufacturer who is planning to increase his distribution directly from factory to markets abroad, according to Government officials who are making a study of the matter, is that of selecting and securing suitable representatives at long range. Ascertaining the local standing, financial responsibility, and organization facilities of firms, whose organizations are adapted to the distribution of the line in question, has usually necessitated a long and expensive trip on the part of an able executive.

During the present period of uncertain labor conditions, high material prices, and assimilation of new employes in export departments, it is often necessary to send a man from the home office to remain on the ground long enough to become sufficiently familiar with underlying conditions, to ascertain and compare possibilities and bring arrangements to a successful conclusion. Moreover, such a trip may entail greater initial expense than present potential sales would warrant.

### Paper From Cotton Hull

As a result of the experiments conducted by the Forest Products Laboratory of the Department of Agriculture, a good grade of paper is being produced in commercial quantities from cotton hull fiber according to an announcement just made here. Pulp made from second cut cotton linters and hull fiber, the forest specialists say, is well suited for the manufacture of book, writing, printing and blotting, cover and other high grades of paper stock.

### Worcester Paper Box Company to Build

WORCESTER, Mass., September 8, 1919.—The Worcester Paper Box Company, 11 Houchin avenue, has plans made and will start construction at once on a four-story addition to its paper box factory that will cost upward of \$80,000.

The main building will be 110 feet deep and 40 feet wide with a frontage at 32 Austin street of 50 feet. The new building will be of most substantial mill construction of brick, steel and reinforced concrete and will be built to permit expansion of the company's business, which is growing rapidly.

Orders for more than \$20,000 worth of modern paper box making machinery, printing presses, shapers and other kinds of equipment have been placed and the outlook for a long continued period of prosperous business is excellent, according to officers of the company.



## NEWS PRINT JUDGMENT MAY FAVOR CANADIAN PAPER MEN

**Look for a Revision of the Price of \$50 and \$57 Per Ton, Which, If Their Claim Is Allowed, Will More Than Offset the \$3 Per Ton Rebate Ordered by the Court on All News Print Supplied Between July 1 and December 1, 1918—Annual Report of Spanish River Pulp and Paper Mills Creates a Remarkably Favorable Impression—Hearst May Build Mill in Canada.**

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., September 8, 1919.—There is a remarkable development here in connection with the judgment of the Paper Control Tribunal, ordering the news print manufacturers to make a refund to the publishers of three dollars per ton on all news print supplied to them between July 1 and December 1 last year. A careful study of the judgment would make it appear that it favors the manufacturers rather than the publishers and some of the publishers are taking that view.

Controller Pringle, in fixing the price of \$69 per ton, took into account the fact that for some 8 months manufacturers had been supplying paper at a losing price, 5 months for \$50 and 13 months for \$57 and his \$69 price was on a sort of averaging-up basis. The judges of the Paper Control Tribunal, although they did not expressly say so in their judgment, are understood to have taken the stand that they considered this a wrong method of computing prices. In their view the Tribunal should have refused to take into account the earlier prices.

This being apparently the principle of the judgment, the news print manufacturers, after a careful consideration of the whole matter at a meeting in Montreal last Friday, have decided to put in an application to the Paper Control Tribunal for a refund at the prices fixed by the Paper Control prior to July 1, 1918, when the price was first \$50 per ton and then \$57. The manufacturers figure that if the Paper Control Tribunal follow the precedent established at their latest judgment of considering only the cost of manufacturing in the period under review, they are certain to grant a revision of prices. The cost of manufacturing is such that the manufacturers look for a revision of the price of \$50 and \$57 per ton to upwards of \$65 per ton. If their claim is allowed it will more than offset the \$3 per ton rebate ordered by the court on all news print supplied between July 1 and December 1, 1918.

Furthermore the principal of the judgment will establish a measuring stick for future prices. Figuring on a cost plus a reasonable profit basis, manufacturers say that the present price of \$69 cannot hold but must be revised upwards. Meanwhile Controller Pringle is fixing another session to discuss the court's order for a rebate of \$3 per ton. This session will take place at Ottawa on September 16.

The judgment was to the effect that individual publishers must first get an order from the paper controller for the rebate. After the judgment was promulgated the publishers telegraphed for an order instructing the mills to remit the difference between \$66 and \$69 per ton without any further proceeding. Mr. Pringle has refused to issue a blanket order and has called a meeting of his commission to discuss the matter on the 16.

### Fears German Competition for Canadian Paper

A. L. Dawe, secretary of the Canadian Pulp & Paper Association, who was sent to England some time ago on a special mission to stir up interest in Canadian pulp and paper, has sent word to Montreal to the effect that he has sold all this year's available surplus in Great Britain, chiefly news print, board-kraft, and writing paper. These lines are now established in the British

market. It is still a matter of considerable uncertainty, however, as to whether Canada will be able to hold the British market, as keen competition is foreshadowed through the recent action of the British Government in removing import restrictions. In the absence of these restrictions, says Mr. Dawe, German pulp and paper products will be admitted at prices which, because of the low exchange rate, will be very difficult to meet.

### Laurentide's Possible Reorganization

The excellent financial statement presented at the annual meeting of the Laurentide Company last week has caused renewed discussion of the prospective reorganization by which it is expected that the Laurentide Company and the Laurentide Power Company will both be transferred to a Consolidated Company. Some regard it as probable that there will be a stock division on the ratio of three new or consolidated shares for one Laurentide Paper share, and share for share for the Laurentide Power holders. It is pointed out that in such an arrangement a three to one ratio will represent more than three shares of Consolidated stock for every share of paper stock now held. A three to one basis will return to the Paper Company 72,000 shares of the Consolidated stock, as that is the number of shares of Power stock held by the Paper Company. Obviously, there would still remain the 72,000 shares of Consolidated stock to be divided among the holders of \$9,600,000 stock of the Paper Company. This works out at an additional three-quarters of one share of Power stock for each share of Paper stock now held. In other words, instead of a 3 to 1 ratio, the Laurentide Paper stockholder would receive three and three-fourth shares of Consolidated stock for every share of Laurentide Paper stock, as it is now constituted.

It is anticipated by the financiers here that the Consolidated stock will start dividend payments on the basis of 5 per cent per annum, and, in fact, there is reason to believe that the Power stock itself will be on a 5 per cent basis at the time the new Consolidated stock is issued.

### Spanish River's Remarkable Rehabilitation

The annual report of the Spanish River Pulp and Paper Mills, Ltd., reviewed in last week's PAPER TRADE JOURNAL, has created a remarkably favorable impression, and it is expected that at the meeting of shareholders on September 18, there will be warm expressions of appreciation of the work of the executive. It is said here that there has probably never been, in the industrial history of Canada, a more striking example of the rehabilitation that can be achieved by good financing and management, provided that a company is well supplied with natural resources. From a state of utter helplessness and an abject compromise with its creditors only 5 or 6 years ago, Spanish River has risen to be one of the great and powerful factors in the country's chief exporting industry. Its present position is one of financial strength, shown by current assets of \$7,331,117, as against current liabilities of \$1,537,223, giving the company a working capital of approximately \$5,800,000, as against \$3,094,410 at the end of the previous year.

### Lumbering Interests Take Over River Works

The Federal Government's policy of turning over the river works, booms and slides, to the lumbering interests who use them, instead of having the Government continue to pay for their upkeep, is being carried out, and on one more lease, that for the Saguenay River works, remains to be signed.

By this course officials of the Public Works Department estimate that the Government has been saved at least \$100,000, which it would have been necessary to expend in repairs to booms and slides this year, and which would have benefited the lumber interests using them.

The lease for the improvements on the Ottawa River was  
(Continued on page 60)

## UNION MAY BE ORGANIZED BY THE HOLYOKE FOREMEN

**Meeting Is Called to Consider the Preparations But Is Poorly Attended—Business Agent W. B. Clements of Eagle Lodge Says There Will Be a Conference With Officials of the Paper Mills After Which Another Meeting May Be Had—Employees of Paper Mills Pleasantly Surprised by Advance Before Expected—American Writing Paper Co. Make Fine Record in Recent Months.**

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., September 8, 1919.—Owing to certain objections raised by officials of the paper mills, the proposed unionization of the foremen of the various paper mills did not materialize yesterday as had been expected. The officials state that they desire a conference with a committee of the foremen before definite action is taken by the Eagle Lodge of Papermakers in unionizing these workers. Following a meeting held Sunday, Business Agent William B. Clements, of the Eagle Lodge, issued the following statement:

"A committee of foremen from different mills in this city asked me to call a meeting of foremen for the purpose of organizing, saying that the many increases granted did not benefit them in the same proportion as the organized workers, that skilled workers are today working for the wages paid unskilled workers. I, therefore, called a meeting of foremen for today. About 25 were present when the meeting opened. The reason there were not more is due to the fact that the officials heard of the plan and advised the foremen in many of the mills not to attend this meeting. There are about 300 foremen in the paper mills of Holyoke. An informal session was held, but no organization was started. This morning R. F. McElwain of the Crocker-McElwain Company, called me on the phone, and told me he was opposed to the foremen organizing. I agreed with him that there would be no organization of the foremen until after we had a conference with the officials of the different paper mills. We expect to hold this conference during the early part of the week with the officials on this matter."

### Employees Got Pleasant Surprise

The employees of the local paper mills with the exception of one or two of the Independent mills, received quite a surprise last week, and a welcome one it was indeed. The new increases in wages were scheduled to become operative this week, but the employees received the increase one week in advance, which goes to show that the manufacturers are always ready to meet their help more than half way.

### Paper Mill Workers Have Outing

The employees of the Carew Manufacturing Company and Hampshire Paper Company of South Hadley Falls, including also many of the officials of these concerns held a very successful outing at Aldrich Lake Saturday. Nine special cars carried the employees back and forth. A splendid dinner was served at noon, and the afternoon was devoted to athletic events. The program was enlivened by band concerts and a happy time was had by all. The employees of the two mills received a day's pay while the mills were shut down.

### Joins Whiting, Patterson Co.

Louis F. Delaney, for many years connected with the American Writing Paper Company, is now on the sales force of the Whiting, Patterson Company of New York. Mr. Delaney, who went with the New York jobbers some two months ago, spent a few days here with his family last week.

Horace A. Moses, president of the Strathmore Paper Company

of Mittineague, gave an informal luncheon last week at the Colony Club in Springfield, in honor of E. H. Thompson, the new president of the Federal Land Bank.

### Wage Increase Not Yet Granted

Both the Japanese Tissue Mills and the Whiting Paper Company have up to this writing failed to accept the proposal of the Eagle Lodge of Paper-Makers for increasing the wages of their employees. The increased schedule has already been accepted by other mills, but the mills mentioned, who always act independently in wage matters, have not yet made the adjustment. It is understood however, that it is merely a matter of time and that the increases will be taken care of at once.

### American Writing Makes Good Record

According to Hayden, Stone & Co., Boston bankers, the American Writing Paper Company has certainly made a fine record during the past two months. The report says that the company at one time during the Spring was operating at less than 30 per cent of capacity. Ordinarily the summer months are a period of slack demand for writing papers, but 1919 has proved an exception to the rule, with the result that a deficit of something over \$400,000, which had accumulated during the first six months of the year, had been practically eliminated by August 31.

If anything, orders are better now than ever and before the year is over, providing orders continue to pile up in the same ratio as during the past ten or twelve weeks, the American Writing Paper Company will not make a sorry showing after all, despite the serious drawback of the first six months.

### Goes With American Writing

Fred Walker, formerly superintendent of the Taylor-Logan Company, paper-makers, and who went to the Erving Mills at Erving a few years ago, today assumed the superintendency of the Crocker Division of the American Writing Paper Company. He succeeds Fred M. Butts, of South Hadley Falls, who has been superintendent since John Montgomery, now deceased, was made general superintendent of the coarse paper mills of the combine.

Mr. Butts has been superintendent of the Crocker division for more than twenty years and is one of the most experienced and prominently known superintendents in this vicinity.

### Making Farm and Factory Help Each Other

William E. Smythe, in a recent issue of the Boston *Herald*, names Horace E. Moses, of the Strathmore Paper Company among others as men of New England "having new vision, a vision of abandoned farms reoccupied and brought under the highest methods of cultivation, of great stretches of wood lands cleared and made to bear crops, of lowlands drained and converted into rich gardens, of cities expanded into the suburbs, with the aid of good roads and electrical transportation, filled with the happy homes of industrial workers, whose children shall romp in the sunshine."

Mr. Smythe says of these men: Four years ago, having conceived the idea of making farm and factory help each other, they bought farms and started to work them on business principles. Wishing for nothing short of the restoration of New England agriculture, they decided to aim at the popularization of the movement by establishing a permanent exposition. Thus arose the Eastern States Agricultural and Industrial Exposition at Springfield. For two years we have been deprived of it by the war, but this year, September 15-20, it will resume its useful and attractive work on a larger scale than before, and the first of the permanent state buildings, a reproduction of the old colonial State House in Boston, will be dedicated. This movement to multiply new farms on the old lands of New England promises great good. Give it the general support which it deserves and it should grow to beneficent performance.

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## PAPER MEN ON THE BOARD TO REGULATE BLACK RIVER

**Board Is Considered of the Highest Importance to Watertown District as Completion of Its Work Means Enormous Results to Manufacturing in the Black River Watershed—Federal Forest Policy Which Has Been Considered for Some Time Is Now About to Take Definite Form—Meeting to Be Held of Eastern Men Interested in Forestry November 11—Other Trade News.**

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., September 8, 1919.—The board which is to have charge of the Black River Regulating district made possible by special legislation last year, was appointed Saturday by Governor Alfred E. Smith.

It consists of J. Victor Baron, vice-president and general manager of Taggart's Paper Company, who is made chairman of the board and is appointed for the long term of five years; James A. Outterson of Carthage, president of the Carthage Sulphite Pulp and Paper Company, serving four years and John B. Taylor, president of the Northern New York Utilities, Inc., who serves for three years.

The appointments meet the general approval of power owners and manufacturers and citizens all along the Black River Valley, it being generally conceded that a better commission could not have been selected. That qualifications, not political affiliations, prompted the selections is indicated by the fact that Mr. Baron and Mr. Outterson are Republicans and Mr. Taylor is generally accepted as a Democrat. George C. Sherman, president of Taggart's Paper Company and one of the largest power owners along the river, is reported to have been offered the appointment but declined because of the fact that he is withdrawing from active business and passes much of his time out of this district. He is a personal friend to the Governor and his suggestion of Mr. Baron was promptly approved.

Chairman Baron has been interested in paper manufacturing on Black River for many years. He has had broad practical experience and is familiar with the needs of the valley in the way of water regulation. In addition to this he is endowed with recognized excellent judgment in large affairs.

James A. Outterson is one of the oldest and best known paper manufacturers in this section of the state. He has built more mills along Black River than any other man, and at one time or another he has been connected with most of them. He has been identified with water power development projects all his life.

John B. Taylor is the head of a concern that owns power in Northern New York worth millions of dollars. He owns several powers along the Black River water shed, and it is generally agreed that he should have a place upon this important board which is to put into operation what is expected to be the most important development that the section has ever enjoyed.

The members will be paid \$10 a day and expenses for work performed under the duties of the office.

This board is considered of the highest importance to the citizens of this district. The completion of its work means enormous results to manufacturing in the Black River Watershed by impounding flood waters and releasing them in the dry summer months so that manufacturing may be held at a high level.

The board will have jurisdiction over five counties affected. It will work in cooperation with the conservation commission. It will determine the proper location of reservoirs and the amount of state and private lands to be covered. The power owners along the river will be assessed to meet the cost of regulation,

and a plan which will spread the cost over a term of years will be made effective.

The benefits will be visited upon dozens of manufacturing concerns along the entire course of the river and the peoples of the entire district will benefit either directly or indirectly. Among the paper mills to be benefited are three at Dexter, three at Brownville, one at Glen park, Taggart Brothers, Knowlton Brothers, Hinde & Dauche Company, Continental Bag Company, Bagley & Sewells in this city, the mills of Taggart's Paper Company, St. Regis Paper Company, several mills at Carthage and mills on the Beaver river.

It is expected that immediate steps will be taken to get organized and prosecute to completion the benefits of the river regulating project.

### To Start New Forestry Policy

The problem of a state and federal forestry policy which is now being considered by the department at Washington and by every forestry organization in the country, with a view to evolving a practical solution of the matter, is now about to take definite form. Something practical and constructive along the line has been contemplated for years and now the Federal authorities have called for recommendations from men prominent in the forestry and allied industries.

There will be a meeting at Syracuse on November 11 of all interested in forestry in the Eastern portion of the United States, and local men will be present. Col. H. S. Graves, chief national forester, will be at the meeting. Frank L. Moore, chairman of the committee on forest conservation of the American Pulp and Paper Association has called a meeting of the members for next Tuesday in New York. His views on the subject have been sought by lumber trade journals and others who have been studying the question of a state and federal policy. He has outlined his suggestions as follows:

"I believe a law could be so drawn as to be constitutional that would permit the state to reforest private lands under the following conditions:

"1—An individual or corporation to make application to the conservation department to reforest certain lands.

"2—This growing crop to be free from taxation.

"3—The trees, when matured, to be cut under state supervision and a stumpage paid to the state.

"4—The stumpage to be a lien against the growing crop.

"5—The amount of stumpage to be agreed upon by the owners and the commission in charge. In case of disagreement the two to select a third and his decision to be final.

"6—The trees to be considered mature when they have reached a diameter on the stump of 10 or 12 inches.

"7—Careful surveys and records of all parcels planted shall be filed with the owners and the commission.

"8—If at any time the owner should wish to discharge the lien he can do so by paying the cost of reforesting plus the interest at a nominal rate and agreeing to practice modern methods in his operations.

"If necessary, in order to carry out the above, the state can be mandatory in reforesting such lands as in its opinion should be reforested.

"It involves the initial expenditure with an absolute sure return to the state when these trees are mature and cut. It makes possible a continuous forest which we know must be grown in order to obtain the greatest possible results.

"It makes possible the utilization of land unfit for anything but the growing of trees. It protects the head waters of our streams so necessary for a more uniform flow of our rivers, makes the operation profitable to the state, insures the supply of timber necessary for the use and pleasure of the people, prevents erosion and maintains a higher moisture level in our agricultural lands.

(Continued on page 18)



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## PAPER MEN ON BOARD TO REGULATE BLACK RIVER

(Continued from page 16)

"In view of our rapidly depleting wood supply, the anxiety that is felt in Canada over the fast depletion of her forests should spur us on to greater efforts to educate the people of the country to the necessity of a practical forestry program."

### G. W. Tripp Leaves Harmon Machine Corp.

George W. Tripp, treasurer and manager of the Harmon Machine Corporation, has severed his connections with the concern. He sold his holdings to A. H. Lefebvre and Charles D. Griffith, who owned the concern jointly with him, and his resignation became effective Monday. Mr. Tripp is not prepared to announce his future plans.

For 15 years Mr. Tripp has been connected with this company. He was made treasurer of Harmon Machine Company ten years ago and continued in that office until his resignation. He was recognized as an officer of very great value to the concern through his broad acquaintance in the paper mill field and valuable sales ability.

Last January A. Henry Lefebvre acquired a large interest in the company through a deal with its then president, George C. Sherman, of Taggart's Paper Company, who traded his interest in the local concern for the plant of Mr. Lefebvre at Black River. There was a valuable water power right with the Black River property.

A reorganization of the Harmon Machine Company took place last May when the name was changed to Harmon Machine Corporation with Mr. Lefebvre, Mr. Griffith and Mr. Tripp as the owners of the stock. Mr. Tripp has now seen fit to dispose of his holdings to the other two and has withdrawn.

The Harmon Screen, which has been manufactured by this concern for many years is known throughout the world where paper is made. Before the war large shipments were made to foreign countries, and one of the boats sent to the bottom of the ocean by a German torpedo carried with it some Harmon screens being delivered to Europe.

Just what reorganization will take place in the company with Mr. Tripp out of it is not as yet announced.

### Big Wages for Lumberjacks

When the lumberjack strikes town for his usual fall outing this year he will carry a roll that will make the Queen of Sheba look like a piker. It will permit him to extend his vacation about four times the period of past years, unless he should fall in with the proverbial gang of thieves that always look for lumberjacks.

Lumber operations have been running along quite smoothly this summer and lots of pulp wood has been cut and peeled in the woods. In pre-war times a good lumberjack drew from \$20 to \$25 a month and board and lodging, but it is different now. They are receiving \$100 a month and keep this year. This is four times the wage paid in other years, but was made necessary by the high scale of wages being paid in other occupations.

### St. Regis May Build Community House

The St. Regis Paper Company has now under consideration a plan of building a community house at Deferiet where its big plant is located. The company owns every building in the village and takes great pride in having the best for the people who live and work there.

Under the plans now conceived and which will probably be executed within the coming year, a structure centrally located would contain an assembly hall, swimming pool, gymnasium, pool and billiard room, bowling alleys, reading room and everything that offers amusement and education during the relaxation hours

of the 500 employees of the mills. It is estimated that such a building as is desired would cost about \$50,000. Already the company has provided a modern athletic field at a cost of \$5,000. The most agreeable relations between officials and men now exist and these would be much strengthened by further opportunities for community spirit.

### Bagley & Sewell Co. Outing

The annual outing of the Bagley & Sewell Company took place at Clayton Park Saturday. More than 750 officers, employees and their wives and sweethearts were there and the day was a big success.

A program of sports and special events had been prepared by the committee and F. F. Bugbee, general secretary of the Y. M. C. A. acted as master of ceremonies. The Moose band led the way to the sport and discoursed music during the entire day.

Stuart D. Lansing, president of the company, was on hand and with other officers of the firm participated in the sports. After dinner was served he made a speech in which he expressed his delight at seeing everyone so happy. It was voted the greatest outing the company had ever enjoyed.

### National Safety Council Program

The following is the program for the paper and pulp section of the convention of the National Safety Council to be held at the Statler Hotel at Cleveland, Ohio, October 1 to 4 inclusive:

Thursday morning, October 2, 9:30 o'clock, room 343, third floor. Chairman, A. P. Costigane, Ontario Pulp and Paper Makers' Safety Association, Toronto, Canada; vice-chairman, C. E. Jackson, Consolidated Water Power and Paper Company, Grand Rapids, Wis.; secretary, C. B. Milner, Hammermill Paper Company, Erie, Pa.

(First Session). 1. Report of Chairman; 2. Report of Secretary; 3. Reports of Committees; 4. Appointment of Nominating Committee; 5. Addresses:

9:30 a. m. I. How to Use Danger Signs in a Paper Mill, G. W. Dickson, Riordon Pulp and Paper Company, Hawkesbury, Ontario, Canada. Discussion.

10:15 a. m. II. Sulphate and Sulphite Hazards, Erling Riis, Wausau Sulphate Fibre Co., Mosinee, Wis. Discussion.

11:00 a. m. III. Report of Safe Practices Committee, followed by General Discussion of Pamphlet, Robert Altman, Marathon Paper Mills Company, Rothschild, Wis. Discussion.

Friday morning, October 3, 9:30 o'clock, room 343, third floor. (Second Session). 1. Report of Nominating Committee; 2. Addresses:

9:30 a. m. I. Some Unsafe Practices in Paper Mills—Their Cost in Money and Men, H. H. Matthieson, Safety Director, Crown Wiliamette Paper Company, Portland, Oregon.

10:15 a. m. II. How to Make Safety Meetings Interesting, S. F. Shattuck, Kimberly-Clark Company, Neenah, Wis.

11:00 a. m. III. Poster Talk, Al Kroes, Employers' Mutual Liability Insurance Company, Wausau, Wis.

11:30 a. m. IV. General Discussion, Questions and Answers.

### Paper Tube Concern Chartered

PROVIDENCE, R. I., September 8, 1919.—Articles of incorporation have been taken out by the Texpilac Company of Pawtucket with a capitalization of \$100,000. The company will be located in Pawtucket and will manufacture proved paper tubes.

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Mill Machinery**

## BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

**Purchasing Officers of the Government Printing Office Opens Bids on Various Lots of Paper at Interesting Prices—Purchasing Officer of the Government Printing Office Makes Awards on Various Lots of Paper for Which Bids Were Opened Recently—Purchasing Officer of the Panama Canal Opens Bids for Paper—Bids and Awards by Various Other Departments of the Government.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., September 9, 1919.—The Purchasing Officer of the Government Printing Office has received the following paper bids:

100,500 pounds (1,500 reams) of 31¼x45½—67, white S. & S. C. printing paper; American Writing Paper Company, at \$.0945 per pound; Dobler & Mudge, at \$.10.

32,500 (500 reams) of 32x48—65, flat rag machine finish white printing paper; Reading Paper Company, at \$.12¼ per pound; Whitaker Paper Company, at \$.12½; D. L. Ward Company, at \$.12¼; American Writing Paper Company, at \$.142; and Bryant Paper Company, at \$.12.

6,400 pounds (200 reams) of 22x34—No. 16 dark pink writing paper; Whitaker Paper Company, at \$.192 per pound; Dobler & Mudge, at \$.15; Old Dominion Paper Company, at \$.2585; D. L. Ward Company, at \$.207; American Writing Paper Company, at \$.204; Merriam Paper Company, at \$.27½; R. P. Andrews Paper Company, at \$.177; and Aetna Paper Company, at \$.21.

5,000 pounds (100 reams) of 20x25—50, rough sage cover paper; Peninsular Paper Company, at \$.12½ per pound; D. L. Ward Company, at \$.13½; American Writing Paper Company, at \$.1045; Dobler & Mudge, at \$.124; Whitaker Paper Company, at \$.12125; Mathers-Lamm Paper Company, at \$.13; Knowlton Brothers Company, at \$.11¼; and R. P. Andrews Paper Company, at \$.1569.

6,700 sheets of 19½x29 green cover paper; Whitaker Paper Company, at \$.12126; and R. P. Andrews Paper Company, at \$.1710.

### Government Printing Office to Open Bids

The Purchasing Officer of the Government Printing Office will open bids on September 12 for 5,000 lbs. (50 reams) of 26½x41—100 India tint coated cover paper.

### Printing Office Bids Opened September 8

The Purchasing Officer of the Government Printing Office opened on September 8 for the following:

120,000 lbs. (1,000 reams) of 22½x28½—120 No. 1 white bristol board.

6,000 lbs. (100 reams) of 25x38 50 lbs. white laid antique printing paper.

11,250 lbs. (225 reams) of 20x25—50 rough cover paper.

2,000 lbs. (20 reams) of 26½x41—100 of green coated cover paper.

The Purchasing Officer of the Government Printing Office will open bids on September 15 for the following:

7,650 lbs. (300 reams) of 17x28 No. 20 high machine finish white wove writing paper.

15,000 lbs. of monotype keyboard and casting machine paper.

8,250 lbs. (500 reams) 17x28 No. 13 white glazed bond paper.

9,600 lbs. (300 reams) of 22x34 No. 16 green writing paper.

1,500 lbs. of 21x32½ No. 60 blue wove ledger paper.

### Government Printing Office Award

The Purchasing Officer of the Government Printing Office has announced the following awards:

The Carter, Rice & Corp. will furnish 3,500 pounds (20 reams) of 22½x28½—175 yellow index bristol board at \$.2475 per pound, bids for which were opened on August 15.

105,450 pounds (2,100 reams) of various sizes flat white wove writing paper will be furnished by the Aetna Paper Company, at \$.1597 per pound. The American Writing Paper Company and the Whitaker Paper Company will furnish various sizes of No. 1 white machine finish printing paper at \$.0915, \$.087 and \$.0845 for the American Writing Paper Company and at \$.0896 for the Whitaker Company. Bids for all of these items were opened on August 15.

The Alton Boxboard Company will furnish 50,000 pounds (50,000 sheets) of 26x38 No. 50 strawboard at \$.02375, bids for which were opened on August 27.

### Panama Canal Bids

The Purchasing Officer of the Panama Canal has received the following paper bids:

80 reams (40,000 sheets) of 17x22 No. 28 white ledger paper; R. P. Andrews Paper Company, at \$714.40; Dobler & Mudge, at \$672.00; Mathers-Lamm Paper Company, at \$800.00 and \$848.00; George W. Millar & Co., at \$672.00; Old Dominion Paper Company, at \$799.20; Whitaker Paper Company, at \$660.80; and Republic Bag & Paper Company, at \$823.20, \$824.00 and \$776.00.

50 reams (25,000 sheets) of 17x22 No. 20; buff bond paper; R. P. Andrews Paper Company, at \$249.00; Dobler & Mudge, at \$260.00; Mathers-Lamm Paper Company, at \$4.95, \$4.10 and \$5.75 per ream; George W. Millar & Co., at \$237.50; Old Dominion Paper Company, at \$244.50; Universal Trading Company, at \$310.50; Republic Bag and Paper Company, at \$240.00; and Whitaker Paper Company, at \$235.00.

10 reams (5,000 sheets) of 22½x28½—110, green index bristol board; R. P. Andrews Paper Company, at \$328.90; Dobler & Mudge, at \$319.00; Mathers-Lamm Paper Company, at \$330.00; George W. Millar & Co., at \$319.00; Old Dominion Paper Company, at \$329.80; and Republic Bag and Paper Company, at \$322.50.

The Purchasing Officer of the Panama Canal will open bids September 20 for the following:

72 boxes of 14x17 black typewriter carbon paper.

30 reams (15,000 sheets) of 22½x28½—120 white index bristol board.

20 reams (10,000 sheets) 22½x28½—100 manila tag paper.

10 reams (5,000 sheets) 12½x37—53 buff deckle edge cover paper.

16 reams (8,000 sheets) of 18x48 No. 32 white ledger paper.

10 reams (5,000 sheets) 17x28 No. 24 yellow bankers check safety paper.

2,500 lbs. of light green and salmon 17 bankers safety paper.

The Purchasing Officer of the Panama Canal will open bids on September 15 for the following:

500,000 lbs. of white news print paper in 48 rolls, basis 24x36—31.

100,000 lbs. of 26x38 No. 50 chipboard.

11,200 lbs. (100 reams) of 26x28—112 high finish sulphite manila paper.

### Navy Department Awards

The Agar Manufacturing Company has been awarded the contract by the Bureau of Supplies and Accounts, Navy Department, for furnishing 4,000 heavy corrugated paper boxes 12x12x25 at \$580. Bids for these boxes were opened on August 19.



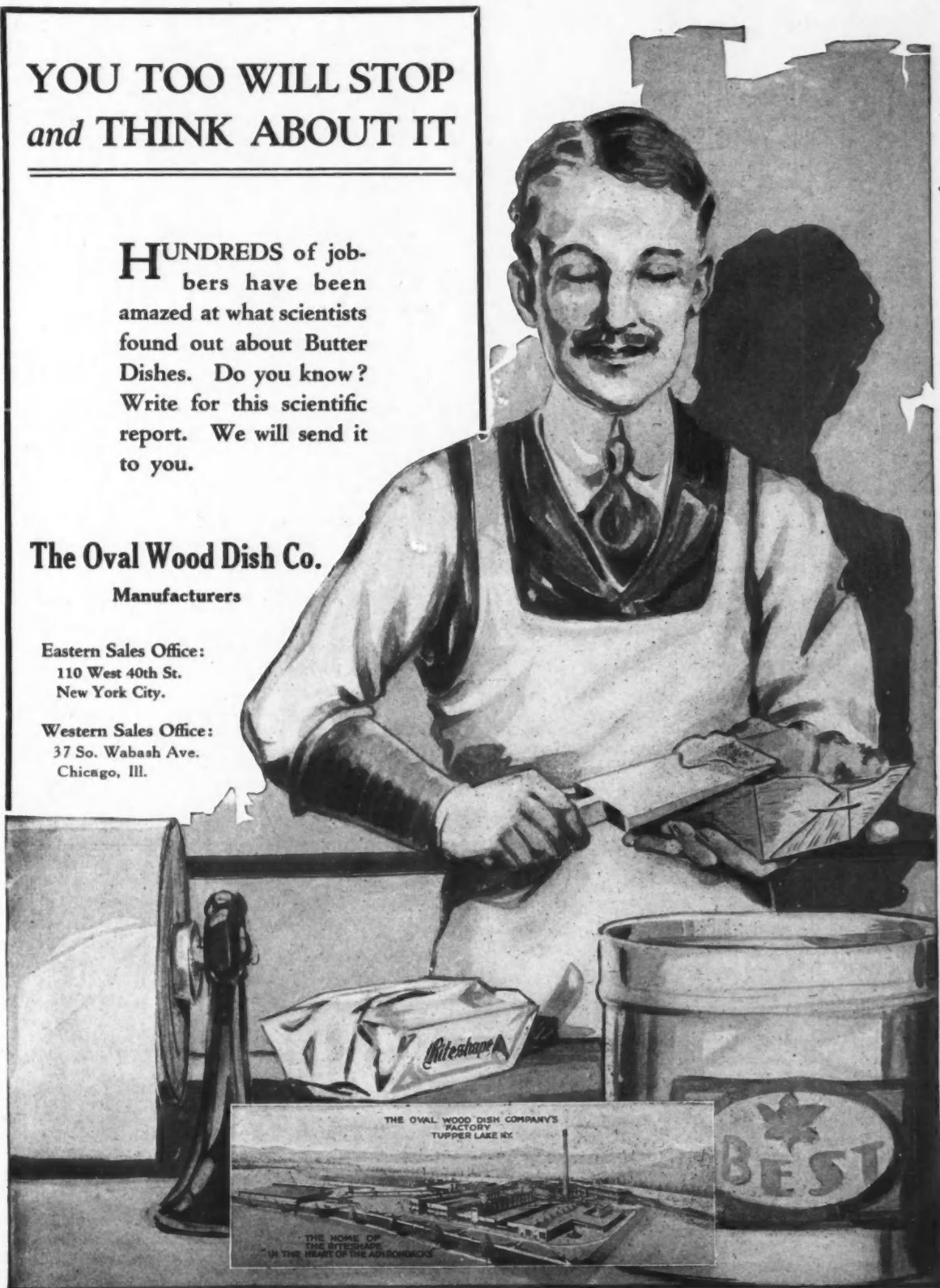
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TUPPER LAKE, ILL.

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THE BUTTER DISH  
IN THE HEART OF THE ADIRONDACKS

## MONSTER OUTING IS GIVEN BY WATERVLEIT PAPER CO.

Dinner Is Served to 1,500 Guests and an Unusually Good Program of Sports is Provided—National Carbon Coated Paper Co. Has Ordered Six Months' Supply of Food from the Government as Well as Other Lines and This Will Be Offered to the Firm's Help at Cost—Whitaker Paper Co. Buys Building in Detroit at Consideration Said to Be \$250,000—Other Trade News.

[FROM OUR REGULAR CORRESPONDENT.]

COTTAGERS CLUB, Paw Paw Lake, Mich., September 8, 1919.—Under brilliant, sunny skies, made delightful by the cooling breezes from Paw Paw lake, happy and contented humanity gathered on Labor day to participate in the big celebration staged by the Watervliet Paper Company.

The event was originally designed for the employes of the mill, but President W. M. Loveland was liberal in his hospitality and hundreds of additional invitations were sent out to other residents of Watervliet and the paper mill fraternity in other cities. As a result from 1,500 to 2,000 assembled and had the little old times of their respective lives.

Of course there were the usual picnic features, with sports of all kinds, dancing, etc. The competitive events were unusually well conducted. "Billy" Scheid and his assistants made everything move with a snap and precision generally lacking in the conduct of factory sports. Good fields participated in the contests, it being necessary to stage all the runs in heats to take care of the big fields.

Dinner was served to 1,500 guests at 5 o'clock. It was an old-fashioned barbecue, old-fashioned in name only, for the conditions that surrounded the serving of this meal were ideal. President Loveland had engaged the Maison-Palcaux organization of Detroit to take care of the problem of "eats." Joe Bureau came down with 22 assistants, all colored men, garbed in spotless white. They purchased a prize heifer from the Simpson stock farm, at Hartford, and she roasted to the extent of over 800 pounds of juicy beef. This was all consumed, also 2,500 buns, 150 dozen ears of corn, 1,200 pickles, 150 ice cold watermelons, 200 gallons of lemonade and between 1,000 and 1,500 cigars.

There was total lack of confusion in serving and within thirty minutes time everybody had been helped and helped plentifully. The general comment heard everywhere was highly commendatory. There was a total absence of unpleasant odors, flies or dirt.

All during the afternoon the Watervliet brass band furnished music and in the evening Shook's famous jazz band of twelve pieces from Detroit played for the dance. There were also entertainers added for full measure and it was a merry, happy crowd that thronged the big dance floor and whirled away until the hour of midnight.

All the activities of the day were filmed by a motion picture camera man from the industrial department of the Ford Motor Car Company. He secured a large number of interesting events. President W. M. Loveland was general chairman of the day.

### To Cut the High Cost of Living

The National Carbon Coated Paper Company, of Sturgis, Mich., has inaugurated a campaign to cut the high cost of living. C. L. Spence, president of the company, has ordered a six months supply of food products from the government, also additional lines not obtainable from the government and will offer these supplies to his help at cost. It is planned to open a first class grocery store on the second floor of the company's plant.

Orders will also be taken for goods not in stock and if the undertaking meets with approval, it is the intention to add other

lines such as clothing, blankets, etc.

### Whitaker Paper Co. Buys Building

The Whitaker Paper Company now owns its own home in Detroit, having purchased from the Goodyear Tire & Rubber Company, the five story brick block at 340 Jefferson avenue with a frontage on St. Antoine and East Woodbridge streets. The consideration is said to have been upwards of \$250,000 and the new owners will take possession in the near future.

The officers of the Detroit division of the Whitaker Paper Company are: managing director, W. C. McLaughlin; assistant manager, L. E. Perine; assistant secretary; J. Junginger; assistant treasurer, W. E. Young.

### Keeping Parchment Clean

In order to keep parchment clean as the spotless suburb of Kalamazoo, the Kalamazoo Vegetable Parchment Company at its own expense keeps the main highway that runs past its big mill oiled. There is a total absence of dust. Just another of the little details in making a perfect sheet of K. V. P. bond.

### G. O. Comfort in Kalamazoo

George O. Comfort, one of the founders of the Monarch Paper Company and for many years president of that company, was a Kalamazoo visitor last week. He has recently resigned his position with the Carthage Sulphite Pulp and Paper Company and has also disposed of all his paper interests in Kalamazoo. Mr. Comfort is secretive regarding his future plans and all efforts to get any information out of him proved fruitless. He merely said that he had something up his sleeve and then left for New York City.

### Paper Men to Shoot Ducks

Peter V. King, Caleb Forsyths and several other paper mill supply men are planning to take a trip to northern Wisconsin and enjoy wild duck shooting this fall. One of the first things they discovered in arranging the outing was that the Badger state charges \$25 for non-resident duck shooters licenses.

"That is too much," emphatically remarked Peter King; but he paid it just the same.

### General News of the Trade

Frank B. Eilers, of the Eilers Mill Supply Company, has returned from an extended business trip throughout Ohio.

Mrs. James Reynolds, daughter of Frank H. Milham, president of the Bryant Paper Company, is recovering rapidly from an operation she was recently forced to undergo in a Chicago hospital.

"Well, we noticed that you were over to the big picnic on Labor Day and thus had a chance to see how Watervliet does things," remarked a couple of merchants of that thriving village to the correspondent of the PAPER TRADE JOURNAL, referring to the big gathering at Paw Paw lake when the Watervliet Paper Company was host to 1,500 guests on labor's holiday.

"We don't take off our hats to any town of our size when it comes to delivering the goods," added the well satisfied Watervlietites "We not only sent the largest number of men to the front in the great war, but we went over the top flying on every Liberty bond, Red Cross, Y. M. C. A. and every other war campaign. Practical patriotism was on tap in our town all during the war and we are proud to say we were able to do our bit with little difficulty."

### Injury to Belgian Paper Industry

Official statistics published by the Belgian government, show that the paper industry in Belgium suffered a loss of \$13,413,500 during the war, and that vast forest and timber lands, including millions of dollars worth of pulp timber was destroyed. The timber losses are estimated at \$27,888,500. As a result it will be some time before Belgium will be producing its normal output of paper and paper supplies.



### The Nash Hydro-Turbine Vacuum Pump and Its Advantages

Only three principal parts. Only one moving part, the rotor. Shaft is mounted on high grade annular ball bearings outside of casing. No valves, pistons, rods, crank shafts, loose vanes or gears. Compression is balanced, eliminating side thrust on the rotor. Note that rotor runs in casing with large clearance. High Efficiency. Absolute Reliability. Air delivered entirely free from pulsation, and therefore can be measured with a Venturi meter. Air is washed as well as compressed and can contain no oil or other impurities. Can be constructed of Acid-Resisting Metal. Upkeep cost is practically nothing. Expert attendant not required.

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No Mill need hesitate in letting us represent them.

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## Use "NATIONAL" Colors For Your Papers

The dyes offered by the National Aniline & Chemical Company cover every special requirement of the paper manufacturer.

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These colors are adapted to a wide variety of uses, and are noted for their fast qualities.

Metanil Yellow 1955  
Croceine Orange Y Conc.  
Croceine Scarlet M O O  
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Alkali Blue 2 G P  
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### Basic Colors

Basic Colors combine brightness of shade with good tinctorial power, but are not so impervious to light.

Auramine N A C  
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## PAPER DEMAND IN CHICAGO IS REPORTED VERY ACTIVE

**Prices Are Firmer Than Last Week and Indications Point to Higher Prices in the Not Distant Future—Coarse Paper Prices Have Been Steady and While No Higher Prices Have Been Quoted the Market Is Distinctly in the Seller's Favor—Is Feeling However That Future of the Market Will Be Endangered by Extreme Prices and for This Reason Manufacturers Are Standing Some of the Increased Cost.**

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, September 8, 1919.—The paper market here is even firmer than last week. Indications point to higher prices in the not distant future. One of the large coated paper mills withdrew all prices last week, and it is said that the other coated mills will do the same thing within the next few days. The new prices, when they are announced, will be considerably higher than the old ones, possibly as much as a cent or a cent and a half a pound. All the book papers are in active demand, and the uncoated papers, while they have ruled steady during the past week, may take a notion to advance at any time. The coarse papers have been steady, and while no higher prices have been recorded, the situation is such that the market is distinctly in the hands of the sellers. There is a feeling that the future of the market may be endangered if prices are advanced too extreme, and the manufacturers seem willing to absorb some of the increased cost of production themselves rather than quote prices which are so high as to check consumption of paper. The tissue paper and glazed paper departments of the markets are active, and some of the dealers are complaining that they are unable to get their orders filled. This has caused a local shortage, which has proved very embarrassing at times. There is a big demand for all onion skins, embossed papers, and paper specialties.

### J. F. Carrigan Opens Office

J. F. Carrigan, formerly chief engineer of the Nekoosa-Edwards Paper Company, later of the A. E. F., has opened an office as consulting and sales engineer, Room 504 Cunard Building, Chicago, Ill., and will specialize in power engineering in the paper industry. Mr. Carrigan has had many years' experience in this field.

### J. F. McNulty a Benedict

A report was current in the local trade early this week that James F. McNulty, vice-president of the McNulty Paper & Twine Company, was "buried." The correspondent of the PAPER TRADE JOURNAL, however, ran down this rumor, and discovered that it was all wrong, and due to a telephone error. Mr. McNulty, jolliest of bachelors, let it be known, is not buried, but married. Cynics may remark that it amounts to the same thing, but Mr. McNulty has another view. His better half was formerly Miss Frances Kane, of Chicago. The ceremony was performed at St. Mary's of the Lake, and the couple have departed for the Adirondacks, to be gone for about a month. They will return to the city about October 1 and will be at home to friends after that date at 4332 Sheridan Road.

### Narrow Escape from Death

Ed Schmidt, of Parker, Thomas & Tucker, paper dealers, recently had a narrow escape from death. While on his vacation, he was casting from the shore of a trout stream. Without warning he was struck by a large rattlesnake, which had coiled up in his path. Only thick rubber boots prevented the poison from entering Mr. Schmidt's leg. Two distinct holes could be found in the boots afterwards, showing where the fangs of the serpent had entered. On advice of farmers in the vicinity Mr. Schmidt

destroyed the boots. When he had recovered from his surprise after being struck by the snake he killed the animal, and is now showing thirteen rattles and a button to mill salesmen who visit him at his office.

### General News of the Trade

Frank Kearns, of Bradner Smith & Co., has returned from his vacation, which was spent in motoring among lake points in the middle west.

George Johnston, of the Carpenter Paper Company, Omaha, Nebr., was a visitor in the city during the week.

Many of the mills are now refusing to quote prices, if they cannot see their way clear to filling orders in less than sixty days. After sixty days the price is to be on an adjustment basis, at time of delivery.

E. E. Effert, assistant sales manager of the Dwight Brothers Paper Company, has returned to the city after completing his vacation.

Fred Dresskell, manager of the Chicago office of the Champion Coated Paper Company, and Frank Kearns, of Bradner Smith & Co., had a joint birthday celebration at the Chicago Athletic Club on September 4. Mr. Kearns' birthday occurred on September 3 and Mr. Dresskell's on September 5.

Alexander Thomson, sales manager of the Champion Coated Paper Company, and Bob Butterworth, of the Chicago office, leave this week on a western business trip to last several weeks. Both gentlemen expect to play a little golf enroute over the territory. They will visit Omaha, Kansas City, St. Louis, Des Moines, and other western points.

Logan G. Thomson, production manager of the Champion Coated Paper Company, has returned to the mill after spending the summer at Lake Charlevoix, Mich., and Walter Randall, treasurer, is also back at home once more. He spent the summer at Walloon Lake, Mich.

Sam Knode, the popular general sales manager of the Albe-marle Paper Company, Richmond, Va., was in the city this week. He is making a western trip, and is calling on the trade in the larger cities.

Plans are on foot to rebuild the mill of the Chicago Folding Box Company, which recently burned. The work is expected to start, it is understood, within the next few weeks, or as soon as the settlement of the present building trades strike makes construction work possible.

H. G. Prosser, of the Birmingham & Prosser Company, has returned from a business trip to Kalamazoo, Mich.

George Olmsted, of the J. W. Butler Paper Company, has returned from an eastern business trip.

Ed French, of the French Paper Company, Niles, Mich., paid a visit to the city during the week.

Frank Milham, of the Bryant Paper Company, Kalamazoo, Mich., was a visitor in Chicago during the week.

John Swigart, of the Swigart Paper Company, has returned from his vacation of three weeks.

The Triangle Paper Company, 908 W. Lake street, recently enlarged its line of krafts, butchers' fibre, tissues, etc., with several good additions, and the delivery service of the company was also brought to a state of higher efficiency.

Harold Helmer, of Beecher, Peck & Lewis, Detroit, has returned home after spending a few days in the Chicago market.

Oscar Gumbinsky, of the Gumbinsky Brothers Company, paper stock dealers, has returned to the city after an out of town business trip.

C. H. Phipps, of the Watab Pulp and Paper Company, Sartell, Minn., was recently a visitor in the Chicago market.

E. U. Kimbark, of the Paper Mills Company, is back in the city after spending a few weeks in the east.



## A Second Palaver on Paper

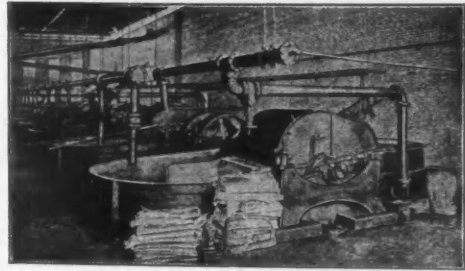
By ELBERT HUBBARD II.

**T**HIS being an account of a visit to Parchment by Elbert Hubbard II and Freddie—the introductory lap of which was taken “astride a bucket of gasoline,” as Bert puts it. But drop us a letter for the NEW BOOK now being done a la Roycroftie. KVP products edge into the dope very interestingly. When you express your reluctance to get along without this “Second Palaver” you might at the same time tell us what you need in vegetable parchment, waxed and bond papers.

**Kalamazoo Vegetable Parchment Company**  
Kalamazoo, Michigan

*“The world’s model paper mill.”*

Makers of bond and waxed papers, and vegetable parchment.



The Illustration Shows a Typical Dilts Equipment in the Beater Room of One of the Largest Boxboard Mills in the United States

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*Mills and Sales Office:*

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## MIAMI PAPER CO.'S PLANT CLOSED BECAUSE OF STRIKE

**Although Good Wages Are Paid at the West Carrollton Mills Machine Tenders and Beater Men Demand an Increase of 10 Cents Per Hour and Cause Operations to Be Interrupted—Company Sends Letter to Its Customers Stating That Its Treatment of Its Employees Had Always Been Fair and Square and That It Could Not Meet the Demands of the Striking Workmen.**

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, September 8, 1919.—Despite the fact that the Miami Paper Company at West Carrollton paid as good, if not better wages to all of its employees than similar concerns in this section, and throughout the country, the mills were closed last Tuesday on account of a strike of machine tenders and beater men who demanded an increase of ten cents per hour.

Four hundred employees thus were deprived of work. The machine tenders are said to be mostly responsible for the strike movement though the situation is such that it cannot be stated when the plant will be placed in operation again. That the men will return within a comparatively short time is the opinion expressed in manufacturing circles. Less than 15 per cent of the employees are active in the strike, but they wield sufficient strength to keep the others from their accustomed posts, it appears.

"We have been paying a little better than Kalamazoo plants," said A. N. Nevius, vice-president and general manager, when interviewed as to the cause of the strike. "In fact, we have paid more than many other mills since a year ago last July. Recently the Kalamazoo mills increased the wage scale but the Miami Paper Company's employees had enjoyed higher pay."

W. W. Sunderland, president of the company, stated that the company is paying good wages and could not afford to raise the present rate, which the company had considered eminently fair to the workmen. Neither Mr. Nevius nor Mr. Sunderland could predict when the strike would be ended, declaring the matter was problematical.

The company sent a letter last week to its customers and friends informing them of the situation; declaring that the treatment of the employees had been "fair and square;" that the company could not grant the demands and requesting the indulgence of the trade. As to the exact extent the customers' allotments would be affected could not be stated with definiteness though the fact that there are no large contracts extant, may make it possible to care for the trade in a fairly satisfactory manner.

Several weeks ago one hundred girls employed in the plant—mostly in the finishing room—failed to report for work and demanded higher wages. The management explained that the Miami Paper Company always had paid a little better than many other paper concerns, and after an absence of a day or two, the girls returned. The entire plant practically was closed on account of the strike at that time, however, for a brief duration.

The company installed a bonus plan some time ago and this was satisfactory to many. However, nearly all are opposed to the bonus system, though the employees enjoyed certain privileges when it was in effect.

The Miami paper mills constitute the leading industry of West Carrollton and forced suspension of a fortnight, if the strike continues that long, will work considerable of a hardship upon the people of the thriving village which depends almost entirely on the paper, parchment and envelope industries.

### Development of Paper Industries

While Middletown, one of the smaller cities of the state, but one of the leading paper mill centers in the Miami Valley, took the honors of having the largest gain in capital increases during the past month of any town in Ohio, it remained for Dayton to come forward with the greatest gain with respect to the development of paper industries.

The Mead Company, of this city, increased its capital from \$500,000 to \$1,000,000, while the Mead Investment Company recorded an increase at the office of the Secretary of State, from \$500,000 to \$1,000,000. The increases were made, it is understood, to permit of the development of the business interests of the respective concerns.

George H. Mead is president of the G. H. Mead Company; H. S. Mead is vice-president, and H. C. Conway, secretary and treasurer. The company has been operating as an importer in paper and ground wood and has been doing a large business throughout the country. Recently G. H. Mead returned from a trip to France and England and reported foreign prospects for most American manufacturers to be all that could be desired, immediately following the end of a world conflict.

George H. Mead also is president of the Peerless Paper Company, whose plant is located in North Dayton; and of the Mead Pulp and Paper Company, manufacturer of book, bond and writing papers, with mills at Chillicothe. It is understood, also, that he will be interested in the new paper mill enterprise under development at Chillicothe.

### General News of the Trade

Miami & Erie Canal boosters are planning for a big outing to be held at New Bremen, Shelby county, O. The Manufacturers' Association of that town is preparing for the event and a number of Miami Valley manufacturers have been invited. Albert Krell, president of the Central Waterways Association, was invited to be present, as well as Congressman B. F. Welty, author of the barge canal project, and both are expected to deliver addresses. Boosters from cities along the proposed route of the canal through Western Ohio, are urgently invited to attend and little doubt exists that a large crowd will be present to assist in pushing along the greatest waterway improvement in the history of the valley.

Labor Day in Dayton, Hamilton, Middletown, Miamisburg, Franklin and other mill centers was more generally observed than ever before. With the conclusion of the war and the return of all industries to a peace basis, the mills and factories are hushed to their capacities. Large working forces were eager to "take a day off" and this they did to their hearts' content.

What was once an abandoned paper mill and grounds belonging to the American Strawboard works in North Dayton, unsightly and neglected, have been turned into an attractive spot known as the Barney Community Home. This week the grounds were brilliantly illuminated while the place was profusely decorated in many colors, in honor of returning soldiers, many of whom were employed in plants identified with the trade, or allied thereto. Two hundred soldiers and sailors were guests at a big chicken dinner, which was served on the Gymnasium floor.

An echo of the mill troubles in Hamilton of many months ago was heard in Hamilton County last week when eight men, convicted of rioting in Hamilton, O., were released from the Cincinnati workhouse on pardons granted by the Governor. Pardons were given on condition that the men refrain from attending riotous meetings and that they conduct themselves in an orderly manner hereafter. This was one of the first instances in which the Governor of the State exercised the power to grant pardons from local workhouses.

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Eds Cellulosafabriks Aktiebolag .....	Helgenas
	Easy Bleaching and Strong Sulphate (Kraft)
Forsmarks Cellulosafabrik.....	Johannisfors, Forsmark
	Easy Bleaching and Strong Sulphate (Kraft)
Hellefors Bruks Aktiebolag.....	Hellefors
	Strong Kraft and Easy Bleaching Sulphite
Frederiksberg Sulphate Mills.....	Frederiksberg
	Strong Sulphate (Kraft)
Laxa Sulphite Mill.....	Laxa
	High Grade Easy Bleaching Sulphite
Gustafsfors Fabriks Aktiebolag.....	Gustafsfors
	Easy Bleaching and Strong Sulphate (Kraft)
Hjerpens Sulphite Mills.....	Jarpen
	Mitscherlich Strong Unbleached Sulphite
Holmens Bruks Och Fabriks Aktiebolag.....	Norrkoping
	Strong Unbleached Sulphite
Wermbohls Fabriks Aktiebolag.....	Katrineholm
	Strong and Easy Bleaching Sulphate (Kraft)
Konga Aktiebolag .....	Konga
	Prime Bleached Sulphite
Nyhamns Cellulosa Aktiebolag.....	Sundsvall
	Easy Bleaching and Strong Unbleached Sulphite
Ohrvikens Aktiebolag .....	Skelleftea
	Strong Unbleached Sulphite
Stromsnas Bruks Aktiebolag.....	Stromsnasbruk
	Easy Bleaching and Strong Sulphate (Kraft)

THE ABOVE MILLS HAVE A TOTAL PRODUCTION  
IN EXCESS OF 200,000 TONS ANNUALLY.



## DEMAND IN PHILADELPHIA CONTINUES VERY ACTIVE

**Indications Point to Still More Active Trade in the Near Future—Prices for All Grades of Paper Except Fine Papers Are Steadier Than They Have Been—Orders Are Larger and Printers and Publishers Are Busy—More Activity Also Is Reported in the Paper Stock Market—Paper House of Pennsylvania Buys Large Property—Plans for Golf Tournament.**

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, September 8, 1919.—The trade last week found abundant fall business to keep it active and to give encouragement for the still better times which are to come. There came with the resumption of business too, a steady note in prices for all grades save for fine papers. There is now something like a standardization of prices and the jobber is no longer compelled to telephone to the mill before he can accept an order. On all grades except fine papers, prices are steady. They are admittedly high but raw materials, labors and freights give assurance that they will continue thus. And the consumer is quite prepared to meet them without complaint.

The week brought a perceptible increase in the size of orders rather than of their number, sure indication of how the consumer feels about the future of business. Printers and publishers are all busy. A not unappreciable factor in the situation is the bitter political campaign which is being waged for the Mayoralty under the new Charter, keeping presses busy day and night turning out a flood of literature.

Wrappings enjoyed a decided impetus in demand during the week. The market for news and the cheaper grades of book is very active and quite a few of the jobbers report orders larger than they have available stock to fill them. Paper bags are very brisk.

### Paper Stock Market Active

Activity is great too in the paper stock market for both old papers and rag stock, especially the latter. Because of freer supplies of old papers, no increase in quotations as was reported during the week but prices are very firmly held all along the line. The mill men are liberal buyers of stock of all grades and the jobbers are all well cleaned up.

### Paper House Buys Large Property

An evidence of this confidence in the future is given by the recently organized Paper House of Pennsylvania, which during the week made purchase of the large property in which it began business but a short time ago. As told in the PAPER TRADE JOURNAL the Paper House of Pennsylvania was founded by the Considine brothers, Norbert A. Considine, president and R. J. Considine, vice-president. The House is situated on Sixth street above Market and during the week transfer was made of the property for a consideration of \$48,000. The assessment is \$50,000. The structure is a modern concrete building six stories high. Until title was taken but two floors were occupied, but as soon as leases expire the House will take all six. There is in the building some 15,000 square feet of space; it is electrified and has elevator service. The firm will enlarge its stock when all the floors are available. A new feature will be the organization of a Service Department with E. H. Murray, formerly of the Dill & Collins Company in charge. In a full line of samples and stock of all papers suitable for printers and publishers is to be carried and expert assistance in selection is to be given.

### Philadelphia Paper Mfg. Co. Adds Salesmen

Four salesmen have been added to the staff of the Philadel-

phia Paper Manufacturers Company, which just now is concentrating its efforts on the small roll sales. The firm has just secured the exclusive sales agency for the line of paper towels made by the Northern Paper Mills, Green Bay, Wis., in the interest of which an extensive advertising campaign is being carried on. F. A. O'Neill has gone on a vacation to Ventnor but will return September 15.

### Printers Are Busy

The Charles Beck Paper Company reports increased activity in its paper machine and printers' machinery department. Inquiries have been received from many mills and satisfactory sales made, indicating confidence in the future on the part of the producers. It is reported here that the big Maryland Casualty Company which is erecting a \$2,000,000 building in Baltimore, is in the market for an equipment for its own printing department.

### Preparing for Golf Tournament

The Annual Fall Tournament of the Philadelphia Paper Trade Golf Association always attended by many representatives from New York particularly but still with a nation-wide appeal, will be held on the grounds of the Huntingdon Valley Country Club at Noble Station on the Reading Railway, just outside the city, on Wednesday and Thursday, September 17 and 18. On behalf of the Association of which A. B. Sherrill, 46 N. Sixth street, is chairman, the Tournament Committee, consisting of J. L. N. Smythe, of J. L. N. Smythe & Co., chairman; E. A. Weihenmayer, of Jessup & Moore; Irwin Megargee, of Curtis Brothers, and William H. George, has just issued a call saying that because of the lateness of the season, play must commence early and suggesting that all participants leave the city on the 8 o'clock New York Express to Elkins Park, where autos will meet them and conduct them to the links. The headquarters will be at the Bellevue-Stratford Hotel. The annual dinner will be served at the club on Wednesday night, the charge for which is included in the \$8 entrance fee to the tournament. More than 200 invitations have been sent out. Prizes will consist of cups and gold medals.

### General News of the Trade

Philadelphia paper manufacturers and jobbers are represented in the Exposition of Philadelphia-made articles which opens today in the First Regiment Armory, Broad and Race streets.

N. W. James of the Pennsylvania Salt Manufacturing Company is one of the officials of the Third Annual Convention of the National Association of Purchasing Agents to be held here September 22, 23 and 24th.

George E. Reigel, of Reigel & Co., 46-50 North Sixth street, has embarked on a pleasure trip of three months which will take him as far away as Japan.

The American Chemical Society has been in Convention here during all last week and many problems connected with the scientific side of all the paper industry came under discussion. Their practical application was discussed too, for one one of the convention days set apart for excursions to industrial plants the Dill & Collins Company's Delaware mills were visited to study the operations of soda and rag pulp making, production of high grade papers and the operation of the electrolytic chlorine plant. There also was visited all departments of the Curtis Publishing Company.

### Du Ponts May Buy Government Building

Announcement is made that the Du Pont Chemical Company, of Wilmington, will submit a bid to I. H. Francis, chairman of the Ordnance District Salvage Board, 1710 Market Street, for the big Government plant established during the war at Nitro, West Virginia. In the plant is a cotton purification mill of standard pulp design in four units with a capacity of 225 tons per day, adaptable to the manufacture of wood as well as cotton pulp,

(Continued on page 44)





## Book Paper and the Bird Screen

Book mills have found that they can produce better paper, cleaner paper, in larger volume and at a lower cost with a Bird Screen than with the older type of screening equipment.

That is why some of the largest Book Mills in the country are now using Bird Screens. In these mills the output is measured by the capacity of the machines, not the screens.

Bird equipped mills have a real advantage over those that still hold to the older type of screening equipment.

*Send for Catalog 1-A.*

**BIRD MACHINE COMPANY**  
**EAST WALPOLE, MASS.**

T. H. SAVERY, Jr., Western Representative, 1630 Republic Bldg., Chicago, Ill.

88-76

**BIRD** INWARD **ROTARY** FLOW **SCREEN**

## TO ASSIST PAPER MAKERS IN ASCERTAINING INCOME

**Government Investigation to Be Conducted to Determine Valuation of Paper Mill Properties and the Incomes Accruing Therefrom—Will Be Made Under Direction of Henry E. Surface, of the Internal Revenue Department, With the Aid of the American Paper and Pulp Association—Report of Lumber Investigation Is Made—Helping the Industry as Well as Government.**

In accordance with the Government's plan of aiding the lumber and paper manufacturers in estimating the true valuation of their properties, and the income and profits accruing therefrom, Henry E. Surface, of the Technical division of the Income Tax section of the Bureau of Internal Revenue, is now laying the plans for conducting an investigation for the purpose of fairly estimating and valuing paper mill properties.

Mr. Surface was in New York last week to confer with L. B. Steward, secretary of the American Paper and Pulp Association, 18 East 41st street, as to ways and means most suitable and convenient for the pulp and paper manufacturers.

The investigation is to be carried on much like that now being conducted in the lumber industry. In this instance, there are already nine estimating engineers in the field, and the estimates are being made entirely in co-operation with the lumber industry itself.

While as yet no definite plans have been made as to conducting the paper industry investigation, it is expected to be started soon.

These Federal estimates are, of course, only to set a fair valuation on the property, for taxation purposes, and will be conducted by experts in their line.

### Statement of L. C. Boyle

In regard to the lumber estimation investigation, L. C. Boyle, general counsel for the National Lumber Manufacturers' Association, has issued a statement, part of which follows:

"The industry has been fully advised that Commissioner Roper has created a forest industries section within the Bureau of Internal Revenue. From information sent out by the National Association every operator should now understand that this section was established to develop the facts essential to equitable administration of the tax laws.

"In aid of this wise and constructive effort the Commissioner invited the fullest co-operation from lumber manufacturers. In harmony with this latter phase of the plan, conferences have been held and an agreed questionnaire worked out. Major Mason, who is in charge of the program for the Bureau, personally will visit the various producing regions and hold group conferences with the operators. It is Major Mason's thought that as a result of open and candid discussion all doubtful and obscure points touching the need of the facts to be developed can be cleared up.

"As to the wisdom of the basic purpose of the whole program there can be little if any doubt. As applied to this industry, such inequalities as appear in the law itself are due, primarily, to lack of intimate understanding by Congress of vital industrial facts. But, unless the Bureau is fully and accurately advised as to the facts the Commissioner will be hampered in his desire to administer the law wisely and justly. It is the purpose of the questionnaire, supplemented by open discussion, to develop this essential information.

### Economic Aspect

"Utterly aside from the fine and generous impulse that inspired this truly constructive movement, self-interest should spur the industry to do all in its power to assist in the assembling and co-ordinating of the called-for data. Properly understood, the whole enterprise is grounded in our industrial welfare. The public as well as the Government has been inadequately advised touching this industry's unique economic status. Our raw material is a one-crop product; mowern operations require an initial ten to twenty-year supply of timber investment; the trees are continually exposed to the destructive influences of fire, flood and disease; lumber from timber bought yesterday at the current market price is competitive with lumber from trees purchased years back at lower market levels; although each lumber region represents economic phases peculiar to itself, the manufactured product from each region competes for the same general markets; due to the national character of the industry—the wide-flung and scattered regions of production—market control is impossible; as the years pass the growth of population makes for an increased lumber demand, and this in face of a vanishing raw material supply. Each year the industry is ever farther removed from the centers of greatest consumption.

### Men in Charge of the Work

"Major Mason is in direct charge of the work on the Government's side of the table. During the conferences already had, opportunity was offered to appraise the quality of the man. It is the unanimous verdict of those who sat in conference with him for ten days that Major Mason has a very practical as well as scientific grasp of lumber manufacture and its timber investment. He has the rare gift of an open mind; is patient, industrious and has courage. That which he believes to be right, he will do.

"The Bureau of Lumber Economics of the National Association is in direct charge of the work on behalf of the industry. R. B. Goodman is chairman of the Bureau and brings to this important task the scholarly attainments of a student of the problem involved, in addition, a broad and comprehensive grasp of conditions due to years of experience as a practical operator.

### Helping the Industry

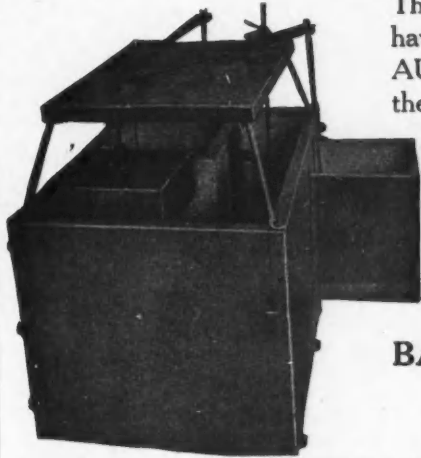
"In seeking absolute facts, Major Mason is in reality helping the industry as well as the Government. Since this industry, as such, has in the past been more concerned in production than in accurate appraisal of its economic status, many difficulties may be encountered. Nevertheless, the work must be done.

The manner of its doing is up to the industry itself. Remember this: A record will be made that will be the key of control, not for the present alone, but for the life of all present operations."

### Starts Waterproof Paper Business

[FROM OUR REGULAR CORRESPONDENT.]

CANTON JUNCTION, Mass., September 8, 1919.—The J. J. White Paper Company has just started the manufacturing of waterproof paper at this place. The president and treasurer of the company is J. J. White, who was for twenty-three years connected with the Angin mills of Ashland, having resigned as vice-president and factory manager of that concern last April. The firm will be in a position to furnish anything in this line, such as waterproof tire wrappings, bale wrappings, crate and case liners, waterproof duplex papers, etc., etc., either for export or domestic shipments.



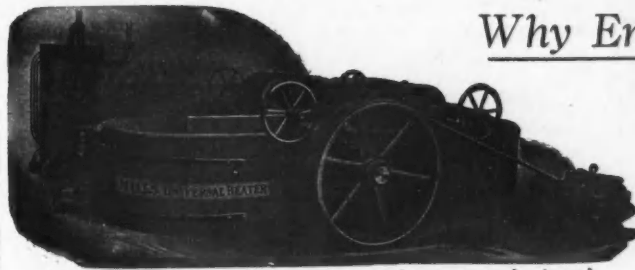
The West Virginia Pulp & Paper Co., Mechanicville, N. Y., having six machines are now 100% equipped with the FEENEY AUTOMATIC STUFF BOX, as here illustrated, shipments to them being as follows:

1.....Nov. 27, 1914	1.....Feb. 29, 1916
1.....July 2, 1915	1.....Dec. 9, 1916
1.....July 14, 1915	1.....July 18, 1919

Isn't this sufficiently convincing of the desirability of this device? Manufactured exclusively by

**BAKER MANUFACTURING CORPORATION**  
Formerly BAKER & SHEVLIN COMPANY  
SARATOGA SPRINGS, N. Y.

## Fourdrinier and Cylinder Paper Machines



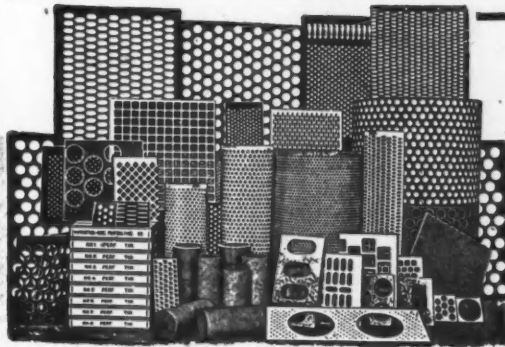
*Why Enlarge Your Beater Room?*

*Why Add More Power?*

This beater reduces stock to fibre of equal or better quality in half to one quarter of the time and with a saving of power which is remarkable. Do not take our word. Investigate. Manufactured by

*All infringements on present patents and patents to be issued will be vigorously prosecuted*

**MILLS MACHINE COMPANY** . . . Lawrence, Mass., U. S. A.  
Builders of all kinds of paper mill machinery



## PERFORATED METALS

**Paper and Pulp Mill Screens**  
STEEL, IRON, COPPER, BRASS, BRONZE

FOR

Centrifugal and Rotary Screens—Drainer—Bottoms—Filter Plates—Pulp Washers, etc All sizes and shapes of holes in many thicknesses and dimensions of sheets. Accuracy in all details and excellence of quality at lowest consistent prices.

**THE HARRINGTON & KING PERFORATING CO.**

618 NORTH UNION AVE., CHICAGO, ILL.

114 LIBERTY ST., NEW YORK, N. Y.



## ARRANGEMENTS FOR MEETING OF TECHNICAL ASSOCIATION

Meeting to Be Held at First Regimental Armory, Chicago, September 24 to 27 Inclusive—Interesting Programme Planned, Including New Methods of Testing Paper—Association to Tour Exposition, Investigate Paper Mill, and Visit the Exhibits of the National Exhibition of Chemical Industries—Other Interesting Features Planned for the Week of the Convention.

As the time for meeting draws near, the local committee of arrangements for the convention of the Technical Association of the Paper and Pulp Industry in Chicago are speeding up their work. The meeting begins promptly on Wednesday morning, September 24, in the Officers' Board Room, First Regiment Armory, Sixteenth street and Michigan Boulevard. There will be the usual welcoming address and response followed by addresses and reports by the president and officers. The special report by Martin L. Griffin on "The Principles and Practices Involved in Washing Unbleached Soda Pulp," will be discussed by George K. Spence, William H. Howell, jr., and George M. Trostel of the Soda Pulp Committee and by O. Bache-Wiig, P. Delin and others.

### Reports of Standing Committees

The following standing committees will report at the opening sittings:

- Abstracts of Literature*—Ross Campbell, chairman.
- Bibliography*—Henry E. Surface, chairman.
- Heat, Light and Power*—Edward P. Gleason, chairman.
- Paper Testing*—Frederick C. Clark, chairman.
- Soda Pulp*—Martin L. Griffin, chairman.
- Standard Methods of Testing Materials Used in the Manufacture of Paper*—William H. Gesell, chairman.
- Sulphate Pulp*—Olai Bache-Wiig, chairman.
- Sulphite Pulp*—Herbert G. Spear, chairman.
- Vocational Education*—George E. Williamson, chairman.

The committee on Sulphate Pulp, O. Bache-Wiig, chairman, will make a report on tests which have been made to determine the loss of soda in the evaporation of black liquor in sulphate mills. The report is not expected to be a lengthy one, but it will be characterized by great accuracy, the tests having been made by the same chemists in a number of different pulp mills. Methods of overcoming avoidable waste will be described in the report.

The committee on Paper Testing, Frederick C. Clark, chairman, promises a revised report on methods of testing paper which should prove of great interest and value.

12.30 p. m.—Intermission for luncheon and tour of Exposition.

3.30 p. m.—Adjourned session in First Regiment Armory.

The Committee on Sulphite Pulp, H. G. Spear, chairman, have been working on new and improved methods of handling waste liquor from the digesters and of cooling the SO<sub>2</sub> gas from the burners. Other studies and investigations will be embodied in their report which should be of considerable value to sulphite pulp manufacturers, especially in view of the discussion that will be elicited.

An account of research work on the important problem of waste sulphite liquor utilization will be presented by Prof. Ralph H. McKee and George Barsky, of Columbia University, in a paper entitled "Fuel from Waste Sulphite Liquor."

6:30 p. m.—Dinner at the Union League Club of Chicago, David Clark Everest, toastmaster.

### Thursday, September 25

9:30 a. m.—Assemble at T. A. P. P. I. Registration Booth, No. 237, in Coliseum for business meeting.

1:00 p. m.—Adjournment for visit to paper mill plant of Sears, Roebuck & Co.; luncheon as guests of the firm.

2:00 p. m.—Inspection tour of the Sears, Roebuck & Co. plant.

4:00 p. m.—Committee meetings and special papers. Continuation of papers and reports.

7:00 p. m.—Illustrated address by Dr. R. J. Blair, pathologist, Forest Products Laboratories of Canada, McGill University, Montreal, on "Prevention of Decay in the Timber of the Roofs of Pulp and Paper Mills."

Immediately following the presentation and discussion of Doctor Blair's paper, there will be a moving picture exhibit of the Sears, Roebuck paper mill and other departments of interest to the members of the association. Adjournment will then be made to the Union League Club, where provision has been made for a smoker and entertainment.

For the trip to Madison, Wis., where the Forest Products Laboratory of the Forest Service, U. S. Department of Agriculture, will be inspected under the guidance of the laboratory staff and members of T. A. P. P. I. stationed there, special train arrangements have been made. The sleepers can be boarded at any time after 10 p. m., thus affording full time for the enjoyment of the smoker and entertainment at the Union League Club, which is to start at 8:30 p. m.

### Friday, September 26

The day will be spent in a visit of inspection to the Forest Products Laboratory of the Forest Service, U. S. Department of Agriculture, Madison, Wis. Train arrangements provide for members taking a late train from Chicago on Thursday evening and arriving in Madison early Friday morning, or leaving late in the afternoon so as to reach Madison shortly after 9 o'clock in the evening. Hotel accommodations at Park Hotel. Sleeping car on the train leaving Chicago at 2 a. m. on September 26 is ready for occupancy the previous evening at 10 o'clock; the train is due to arrive in Madison at 7:20 a. m. Friday. The departure from Madison will be made on Friday at 5:40 p. m., arriving in Chicago at 10:30 p. m. The first class fare from Chicago to Madison is \$4.21 and sleeping berth \$1.60. Notice of intention to take the trip should be sent promptly to Chairman Savery, 1718 Republic building, Chicago.

### Saturday, September 27

9:30 a. m.—Adjourned business sessions at Conference Room in Coliseum. Assembly at T. A. P. P. I. registration booth, No. 237.

The afternoon of Saturday will be devoted to an inspection of exhibits at the National Exposition of Chemical Industries.

All meetings will be held in conjunction with the Fifth National Exposition of Chemical Industries in the Coliseum, Wabash avenue and Fifteenth street, and First Regiment Armory, Sixteenth street and Michigan boulevard, Chicago.

### Local Committees

The membership of the local committee of arrangements for the fall meeting in Chicago is as follows:

*Chairman*—Thos. H. Savery, Jr., 1718 Republic Building, Chicago. Phone—Harrison 5946.

*Secretary*—James L. Carey, 208 N. Laramine avenue, Chicago. Phone—Austin 882.

*Treasurer*—Bryce M. Hess, Hess Warming & Ventilating Company, 5 N. LaSalle street, Chicago. Phone—Main 2113.

*Associate Members*—H. C. Frisbie, 925 Foster avenue; Herbert A. Hauptli, Sears, Roebuck Co.; Arthur S. Cosler, 5626 Blackstone avenue; Loren L. Heberd, Combustion Engineering Corporation, 900 First National Bank Building; Philip B. Sadtler, Swenson Evaporator Company, 945 Monadnock Building; Herbert M. Guettler, Fibre Making Process, Inc., Tower Building, Chicago, Ill.





The City of  
**GOODRICH**  
Akron, Ohio

# A Cure for Tire Fever

**E**NGINEERS know, what few laymen realize, that internal friction, not friction at the point of contact between tire and road, really wears out tires.

The scientific answer to this internal friction in tires is the specially wrapped cable-cord body of the Silvertown Cord Tire.

A look into the construction of the Silvertown delights the engineer. He sees how the rubber insulated cable cord, 40% rubber, cabled at an even tension, builds up a tire that keeps cool no matter how fast the tire is run.

He sees in the specially wrapped body of a Silvertown the reason for Silvertown's wonderful resilience; why it gives smoother riding comfort; why it increases engine power.

Although Silvertowns cost a little more than ordinary tires, the ultimate economy in gasoline saved, and long mileage, forecasted in their 8,000 mile adjustment basis, quickly cancel the original cost.

Know Silvertowns by the Twin Red Diamonds on the sidewall.

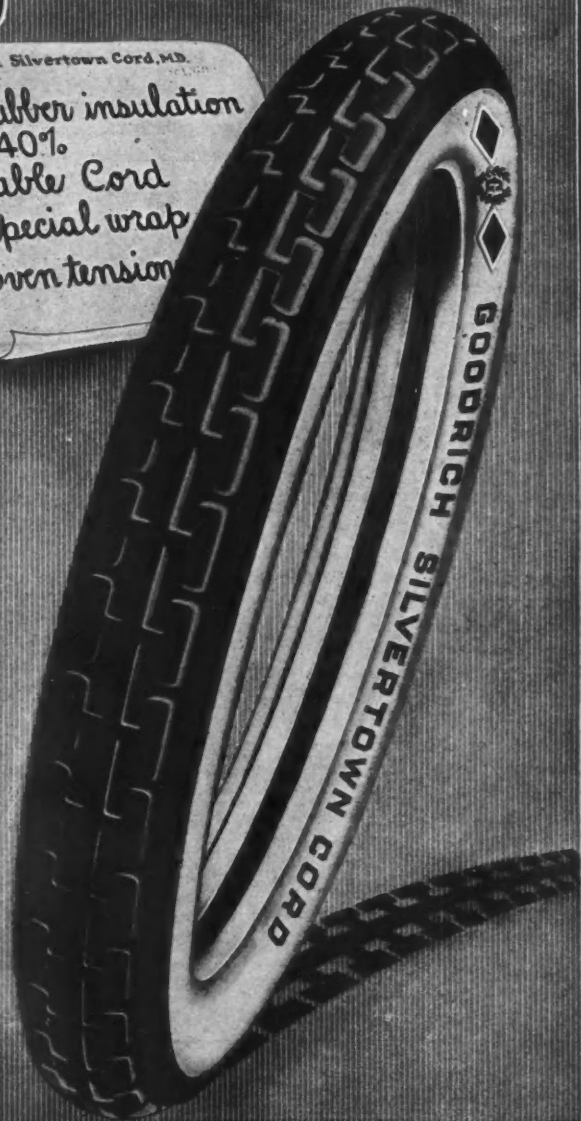
*Buy Goodrich Tires from a Dealer*

### ADJUSTMENT

Cords 8,000 miles—Fabrics 6,000 miles

Dr. Silvertown Cord, M.D.

Rubber insulation  
40%  
Cable Cord  
Special wrap  
Even tension



# GOODRICH TIRES

"BEST IN THE LONG RUN"

## Obituary

### Morris Block

ST. LOUIS, Mo., September 8, 1919.—Morris Block, 80 years old, who was connected with the Graham Paper Company for more than 51 years, died in St. Louis Saturday of nephritis. Soon after he came to America, at the age of 27, he entered the employ of the Grahams. He was the guest of honor at a banquet given by the company and its sales force in April, 1918, in celebration of his fiftieth anniversary of service. He leaves a widow, two daughters, two grandsons and two great-grandsons. Burial took place today, with interment in Mount Sinai cemetery.

### A Flexible Power System

The John Lang Paper Company, of Philadelphia, manufacturer of roofing, saturating and deadening felt, has developed a very flexible system of power generation and distribution.

There are four independent manufacturing units in this mill, each complete in itself from rag cutter to paper machine. Each paper or board machine is electrically driven and normally each is supplied with power from its own alternating current generator. All the generators and paper-machine motor circuits are, however, controlled from a single switchboard, so that it is possible in case of trouble to operate any given paper machine with power from any of the generators, so that the chances of a complete shut-down are very remote. The generators range in size from 200 to 450 KVA.

### An Interesting Feature

Another interesting feature of the power arrangement is the use of a fifth generator of 300 KVA. which is controlled from a separate section of the switchboard, and is intended to be used on Sundays and holidays only. If desired, all of the rest of the switchboard panels can be "deadened" for inspection, repairs, etc., while the small generator operates the lights and provides enough power to make repairs.

Three of the paper machines are driven by constant-speed alternating-current motors of from 75 to 100 H.P., speed control of the variable speed end being obtained by means of mechanical speed changing devices.

The fourth machine, however, is provided with the complete Westinghouse system of paper machine drive. In this system, the power is divided into two parts. The screens and pumps of the wet end are driven by constant-speed alternating current motors, but the dryers and other parts of the variable speed end are operated by a 75-H.P. direct-current motor, which received its current from a 60 KW. synchronous motor generator set.

### Range of Paper Speed

The motor has a speed range of 5 to 1. A two-step cone pulley is also used so that a range of paper speed from 25 to 125 feet per minute can be obtained on one cone, and from 40 to 200 feet per minute on the other. This 5 to 1 speed range motor is somewhat less expensive than one from which the entire 8 to 1 speed range could be obtained electrically, and since the class of stock made on the machine is not changed frequently, the inconvenience involved in changing from one step to the other on the lone pulley is negligible.

### Motor Control

The motor is controlled by means of conveniently located push buttons adjacent to the paper machine and the motor. The motor is started by pressing a button marked "start," and it accelerates to a panel corresponding to the previous position of the combination field rheostat. The speed can be increased further by pressing a button marked "fast." An indicator shows the paper speed, and pressing a button marked "stop," stops the machine.

The actual electrical connections necessary to control the motor are made by magnetic switches and a motor operated field rheostat.

### Interesting Motor Application

Another interesting motor application in this mill is the use of Westinghouse squirrel cage motors with high resistance end rings for driving the rag cutters. This type of motor has the characteristic of drawing relatively low current with high starting torque and slowing up whenever an extra heavy load is thrown on it, and then exerting a corresponding increase in power. This feature is useful when the knives of the cutter become jammed.

The entire electrical equipment in this plant is of Westinghouse make.

### Prince Visits Paper Mills

SAULT STE. MARIE, September 5, 1919.—Sault Ste. Marie was honored yesterday with a visit by His Royal Highness the Prince of Wales. The party arrived about nine o'clock in the morning and were immediately taken to the high school grounds, where a very large concourse of people was gathered. Addresses expressive of loyalty and welcome were presented by the mayor, from the city and from patriotic societies, after which the Prince received about six hundred veterans of the war. He also presented war medals to about fifteen returned heroes or the next of kin of men who had fallen and received posthumous decorations. After these ceremonies the Prince and royal party drove through the streets, which were spanned with arches and other decorations, and saw points of interest throughout the city.

The Prince and royal party also visited the pulp and paper mills of the Spanish River Pulp & Paper Mills, Ltd. His Royal Highness took a keen interest in the processes and asked very many questions. The Prince showed he had a very keen intellect when applied to manufacturing processes and his questions were always to the point and for the purpose of bringing out something that was of value. During his progress through the plant he spoke to a number of the workers, asking questions about their work and questioned a number of them about their war services. On leaving the plant the Prince expressed his great appreciation of what he had seen and characteristically volunteered the information that he had learned a lot.

The buildings of the company were suitably decorated, Huron street approach to the works being lined with spruce trees and spanned by an arch built of pulp and paper, the whole being symbolic of the product of the plant.

### A. P. W. Paper Co. Builds Addition

ALBANY, N. Y., September 8, 1919.—Mechanics in the employ of the William G. Sheehan Construction Company, contractor, have begun work upon an \$18,000 addition to the converting plant of the Albany Perforated Wrapping Paper Company on Broadway. The building will be used to house the tube department where the pastboard cores on which the paper towels are rolled will be made. The addition will be over the machines where the towels are turned out and will permit of the cores being delivered from their point of manufacture to their place for use.

### Gebrick and Banta Companies Merge

The Gebrick Paper Company of Menasha, Wis., has been consolidated with the George Banta Paper Company of the same city. The enlarged corporation will continue the activities of the two firms, W. K. Gebrick being secretary and general manager of the consolidated companies. The concern specializes in adding machine rolls, gammed tape, adhesive papers, sealing machines, etc.

## *The Concrete Floors of Paper Mills Need Never Dust or Wear Again!*

No matter how much walking or trucking your floors have, the liquid chemical Lapidolith will make them granite-hard—therefore non-absorbent, watertight and

sanitary. The cost is negligible, compared with the benefits. 30,000,000 square feet lapidolized last year means that you should investigate at once.

# LAPIDOLITH

TRADE MARK

We list a few paper factories whose floors have been hardened and dust-proofed by Lapidolith:

American Writing Paper Co., Holyoke, Mass.  
Smith Thompson Company, Hoosick Falls, N. Y.  
York Haven Paper Company, York Haven, Pa.  
A. P. W. Paper Company, Albany, N. Y.

Frank L. Miller Paper Company, Downingtown, Pa.  
Kalamazoo Label Company, Kalamazoo, Mich.  
Advance Bag Company, Middleton, Ohio.  
Whiting Paper Company, Holyoke, Mass.

*Write for free sample, literature and testimonials to Department 30.*

**L. SONNEBORN SONS, Inc. : 264 Pearl St., New York**

*Also Manufacturers of Cemcoat, the Washable Wall Coating.*

## McNAMEE PAPER CLAY

is NOW and FOR FIFTY years has been

*The Leading Clay of America*

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**Largest**—Two thousand acres—fifty million tons surplus.

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Capacity greatly increased—prompt deliveries guaranteed.

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Cumberland Building,

Broadway at 54th Street, New York City

Mines at Bath, South Carolina

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**PARSONS & WHITTEMORE, SELLING AGENTS**  
299 BROADWAY, NEW YORK



## New York Trade Jottings

Walter R. Hicks, of the Daniel M. Hicks, Inc., 140 Nassau street, New York, left last Saturday for a two-week vacation at the Delaware Water Gap. With him went his younger brother, Raymond N. Hicks, also of the Hicks company.

R. S. Kellogg, secretary of the News Print Service Bureau, 18 E. 41st Street, New York, and Mrs. Kellogg, attended the annual Babson Labor Conference, held in Boston last week. At the conference were delegates from 35 states, representing more than one million laborers.

Among the eighty new members of the Merchants' Association of New York, the following concerns handling paper and allied goods were listed: John W. Banker, 17 White street; twines, cordage, paper; M. M. Elish & Co., Inc., 29 Beekman street, paper, cardboard, etc., Shuttleworth, Keiler & Co., 474 West Broadway; paper boxes and bags.

A meeting of the Waste Paper Division of the National Association of Waste Material Dealers will be held at the Hotel Astor, New York, on Wednesday, September 17, at 12 o'clock noon. This meeting will directly follow the meeting of the Paper Stock Division and the question of a possible change in the minimum weight of Waste Paper will again come up for consideration.

An important meeting of the Paper Stock Division of the National Association of Waste Material Dealers, will be held at the Hotel Astor, New York, on Wednesday, September 17, at 10 a. m. At this meeting a report will be submitted by the committee which met with a committee from the Writing Paper Manufacturers' Association to draw up proposed changes in the present trade customs governing the two organizations.

The first meeting of the Forest Conservation Committee of the American Paper and Pulp Association was held last Tuesday at the offices of the Association, 18 East 41st Street, New York. The meeting was held to discuss forestry problems, and to outline the report to be made to the convention when it meets in November. At the meeting were: L. Moore, Chairman, of Watertown, N. Y.; W. E. Haskell, Vice President of the International Paper Company, New York; D. A. Crocker, of the Eastern Manufacturing Company, Bangor, Me.; and R. S. Kellogg, of New York.

Emory G. Bullis, formerly of the Seaman Paper Company, managing their Philadelphia offices, has accepted a position with the Preston Trading Company, 33 West 42nd Street, New York.

Mr. Bullis, who is one of the best known men in the paper trade, will be vice-president and sales manager of the Preston Trading Company, and will take up his offices in New York.

Harold Hughes, South American representative of the Pulp and Paper Trading Company, 21 East 42nd street, New York, sailed today for South America, where he will tour the southern peninsula for the interests of his firm. He will go first to Buenos Aires, Argentina, and then will tour Brazil, Chile, and Uruguay. The trip, he expects, will take from six to eight months. He sailed on the *Byron*. Mr. Hughes was for twenty years connected with the Robert Gair Company, of Brooklyn.

The Diem & Wing Paper Company, E. E. Kressin, Division Manager, has removed to new quarters in room 800, 20 East Jackson boulevard, Chicago.

### Charles D. Jacobs Makes Change

Charles Drury Jacobs has severed his connections with the American Writing Paper Company.

For fifteen years Mr. Jacobs, who enjoys an enviable reputation throughout the country, has been representing manufacturers of book, bond and writing papers, and has earned for himself a well deserved reputation as a paper expert in the fullest sense of that much abused word.

He not only understands the detail and technic of the manufacture of all kinds of paper, but the successful merchandising of it as well. To him is largely due the credit for the successful introduction to buyers and users of several paper lines of national distribution. It was he who after long and careful scientific reasearch and study evolved what is popularly known as the "Drury Standardized Lines" of Bonds and Superfine.



CHARLES DRURY JACOBS

The Drury idea of standardization is based on the established fact that notwithstanding the varied and unlimited purposes for which bond and writing papers have been or can possibly be utilized, the reason for their selection falls logically into three grand classes. These three classes, embodying as they do, approximately 2,000 watermarks and brands in common use, have been concentrated in five distinct grades. This plan of scientific standardization convincingly proved its intrinsic and economic value to both the makers and users of bond and writing papers and received its highest possible endorsement when, in 1918, the War Industries Board limited the manufacture of bond and writing papers to five different grades.

Mr. Jacobs has located at 38 Park Row, New York City, in the same offices as the American Paper Mills Corporation who will be the exclusive distributors of the "Drury" Standardized Lines of Bond and Writing Papers in the Metropolitan District.

Although Mr. Jacobs will devote most of his time to the exploitation and selling of the "Drury" Lines and his business as a paper specialist and consultant, his association with the American Paper Mills Corporation, whose varied lines include practically everything in paper and kindred products, will enable him satisfactorily to take care of all the paper requirements of his extensive clientele.

W. J. Williams has severed his connection with the Bayless Manufacturing Corporation, of Austin, Pa., to become superintendent for the Roanoke Fibre Board Company, of Roanoke Rapids, N. C.

# HOWARD BOND

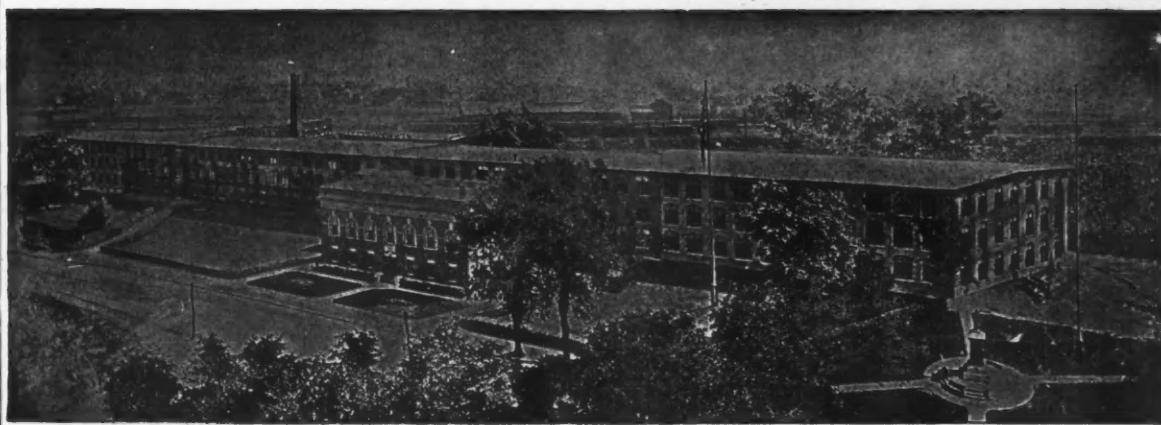
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Color Brilliant : Strength Wonderful

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**THE HOWARD PAPER CO.**  
URBANA, OHIO

**F. C. HUYCK & SONS** ALBANY, N. Y.



Manufacturers of Kenwood Felts and Jackets for all kinds of Paper and Pulp  
Seamless Felts both for high speed machines and fine papers.

## PRACTICAL QUESTIONS AND ANSWERS FOR MILL MEN

**A Department for the Solution of the Troubles, Large and Small, That Are Encountered by the Workers in the Mills in the Course of Their Duties in Making Paper and Pulp—All Mill Men Are Invited to Send in Both Questions and Answers—A Free Exchange of Ideas Is Desired—By Active Co-operation This Department Can Be Made a General Clearing House for Information in Regard to Practical Paper Making.**

### Variations in Rosin Size

**Question No. 2456**—Will you kindly explain to me through your questions and answers department why it is, that some papers require more rosin sizing than others, which to all appearances are practically the same. I have noticed wide variations in the amount of rosin size required to produce the same result even in different runs of the very same order. I am glad to learn that the questions and answers department is to be a regular feature of the *JOURNAL* again, as I think that it is a rare opportunity for young paper makers like myself to learn and become more efficient in our chosen line.

**Answer No. 2456**—There are a great many causes that affect the sizing of paper. The sizing effect is due in a large measure to the treatment which the fibre undergoes in the beaters and jordan. If the stock is beaten slowly and gradually, with the object in view to draw out and crush the individual fibres instead of reducing them by cutting, which is done by the opposite treatment of beating quickly and with the roll down hard on the bed plate of the beater, it will result in giving you a harder sized paper, but understand, this result is not due to the amount of rosin size added, but to the slow stock which has been produced by the slow and gradual beating to which it has been submitted. This condition of the stock can be regulated to a large degree by adjustment of the jordan. Now these conditions of the stock which affect the sizing quality of paper, may be brought about intentionally or unintentionally, and variations are caused by the different methods of beating stock, used by different beater engineers. These conditions are also unintentionally changed by the wear on the knives in the beater roll and bed plate and also in the jordan. Old knives with dull rounded edges are bound to make the stock slower, because they are incapable of cutting the fibre off sharply even if it was desired to do so. Such equipment means harder sized paper and less rosin size. Then again your conditions change when you have a beater or jordan which has been newly filled and ground in. Here you have an equipment in which the knives are almost as sharp as razors and are bound to cut your fibres to some extent. Even with the most careful adjustment this would mean a free stock, more rosin size and a softer sheet of paper. Another factor which will cause variations in the sizing qualities of paper is the fibre itself, its natural qualities and characteristics and also to the chemical treatment to which it has been submitted. This last is most important and any trace of free acid or bleach would knock your sizing into a cocked hat. The time taken to cook the wood will also affect the sizing. Therefore, if your raw material changes in quality, you will find a difference in sizing your paper.

Another factor is a change in the quality of the rosin size itself. This may change in quality of rosin used in making the size or in cooking. A change in the quality of your Alumina Sulphate, which is used to precipitate the size, is another factor. This chemical must be basic and the least trace of free acid would be very injurious to your sizing. Another factor which

affects sizing, is the accumulation of chemicals in the back water, which is used over and over again in the beater, which are injurious to sizing.

Lime stone in fresh water, is also very injurious to sizing. You must also look to the formation of your paper the amount of loading carried. Some of the mineral loadings used are of an alkaline nature and are injurious to sizing if they are not taken into consideration, and a sufficient amount of alum added to the beaters to overcome the alkali.

The drying of the paper will also affect the sizing of your paper. The slower a sheet is dried the better sizing qualities it will have, and vice versa, if the drying is forced and accomplished quickly.

To sum up, of the above mentioned factors which affect the sizing qualities of paper, the slowness or freeness of the stock and the chemical treatment of the fibres, are probably the most frequent causes for the changes in sizing. There are other factors, but they will generally be found to originate from some of the factors mentioned above. Your question is probably one of the most frequently asked in the paper trade.

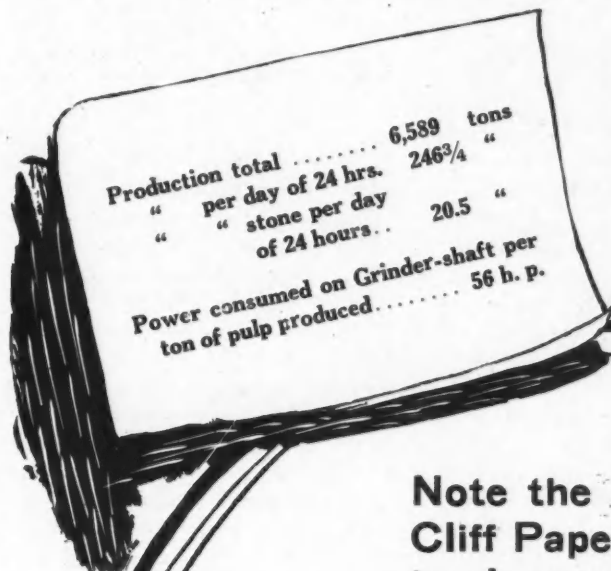
### Features of the Chemical Exposition

A plea for the conservation of American interests in all chemicals and especially in those relating to the newly created dyestuff industry and to the pulp paper industry will be made in connection with the coming Fifth National Exposition of the Chemical Industries to be held at the Coliseum and First Regiment Armory, Chicago, September 22-27.

This will come early in the convention, in the course of a symposium on "America's Case in Chemistry" at a meeting to be held at the Coliseum Auditorium, Tuesday evening, September 23, the second day of the exposition. Ellwood Hendrick will be chairman of the meeting and the very first address scheduled is upon the subject of "Dyestuffs" to be made by J. Merritt Matthews, editor of *Color Trade Journal*. Dyestuffs will continue to play an important part in other discussions in connection with the exposition, and the industry is eagerly expectant to view the numerous exhibitions of American made dyes which will be shown. In this respect the exposition will mark an epoch in American industry, for never before has there been shown anything approaching the exhibition of dyes and dyestuff manufacturing processes which will be offered. Not only the trade is interested in this. The public, which for several years past has heard much of dyes and the difficulty of obtaining them because of the war, is evincing a decided interest in the exhibition, as the first authoritative showing of what America has really accomplished and of how thorough has been the American emancipation, industrially, in this important industry.

The paper trade will also play a large part in the exposition. The Technical Association of the Pulp and Paper Industry will hold several meetings at the exposition, and a dinner at the Union League Club, and will also inspect the paper mill plant of Sears, Roebuck & Co. and the Forest Products Laboratory.



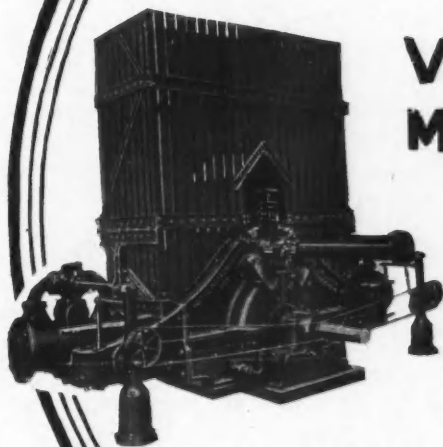


Production total ..... 6,589 tons  
 " per day of 24 hrs. 246<sup>3</sup>/<sub>4</sub> "  
 " " stone per day of 24 hours.. 20.5 "  
 Power consumed on Grinder-shaft per ton of pulp produced..... 56 h. p.

*More Tonnage  
 Lower Labor  
 Costs—Better  
 Pulp Quality*

Note the report of the Cliff Paper Co., in which is eloquently demonstrated the efficiency of the

**VOITH AUTOMATIC  
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and the economy of its power consumption. No other grinder made approaches the remarkable efficiency of this machine. One-third less floor space required than for other grinders. Its automatic features cut down labor costs to a minimum. And, finally, its construction and operation assures the highest grade of pulp with the right consistency at all times.

Consider these very important features of the **VOITH AUTOMATIC MAGAZINE GRINDER**, then write us for full details.

**J. M. Voith Co., Inc., 200 Fifth Ave., N. Y.**

# Editorial

Vol. LXIX. New York, Thursday, September 11, 1919 No. 11  
FORTY-EIGHTH YEAR

## General Business Conditions

General business conditions are not materially different from what they were a month ago, although according to the National City Bank of New York the feeling as to the future is decidedly more conservative, as a result of the disquieting labor conditions and particularly the attitude of the heads of railroad organizations. It is generally recognized that the wage advances which are being demanded and granted on all sides are not accomplishing any permanent settlement, but probably making future conditions more difficult.

Payments through the banks in midsummer have been running much above the record for any season of a previous year. This is due in part to the highest prices on record, but it also signifies great activity in production and trade. The steel industry is up close to its capacity in many lines, although railway buying is light. Export selling has been on a good scale, although it would be much larger if the credit problem was solved.

The labor situation is disquieting because the unrest which is prevalent tends to lower production, when the only possible remedy for the conditions complained of is in larger production. It is a trying time, a time which tests the sanity and patriotism of would-be leaders and groups. Every one who has any understanding of economic law and of social progress must be anxious that sober counsels shall prevail, and that the entire machinery of production shall be worked without interruption and with the highest possible efficiency to relieve the existing scarcity. This is no time for turmoil and strife, for class struggles or inflammatory speech. The men who have the qualities for wise leadership know that most of the troubles of society are due to the failure of people to understand one another, and they seek in times like this to quiet excitement and bring men together, rather than to intensify feeling and aggravate the disorder.

What is wanted now above everything else is work, steady, earnest work to repair the wastes of war and make good the shortage of necessities and comforts which has resulted from the four years' interruption of industry. There is no other way to make it good. Nothing could be more certain than that such a shortage would exist at the end of the war, and no one could rightfully expect to escape all cost and inconvenience to himself. It is a time for the exercise of patience and reason. Conditions are undoubtedly trying for many people, but there is every reason to believe that they are temporary and will gradually right themselves as production is resumed. Indeed all precedents go to show that in the long run the wage-earning class will come out with permanent benefits. Their wages have had a large advance, and when general prices fall they will be in a better position than ever before.

## Education Through Pictures

The Bureau of Commercial Economics, an altruistic organization exhibiting educational films all over the world, has started a nation-wide campaign to get free motion picture theatres into factories, department stores, mining towns, country crossroad centers, lumber camps—every place where there are workers.

The bureau has the largest educational motion picture library in the world—21,000,000 feet of film on almost every conceivable subject, such as, government, economics, industry, history, travel, nature, science, health, commerce, agriculture. All these pictures will be loaned without charge to those who will exhibit them free to audiences.

In order that thousands instead of hundreds of business men and organizations will become borrowers of these films, the bureau is sending out questionnaires, the answering of which will enable the bureau's engineer to advise as to the equipment most suitable under the circumstances, how best to adapt the work shop, church, hall or factory lunchroom for motion picture exhibitions, and any other questions the individual case requires.

In addition the bureau is sending eight traveling motion picture theatres—specially built auto trucks—all over the country to arouse persons and organizations, particularly employers as to the possibilities of educational pictures. These trucks carry a projection machine, an electricity generating plant and portable screen. Thus they are able to show pictures at an isolated western ranch center as well as in a city.

In New England one truck is showing samples of the films that employers could exhibit in a darkened workshop at noon, or at night when the wives and kiddies may see, too—if employers would spend \$200 or \$300 for equipment.

If the masses of Russia had been as educated as the American people, Bolshevism never would have raised its venomous head. Dr. Francis Holley, director of the bureau, knows there are thousands of workmen in this country who really believe that the shortest cut to a fatter pay envelope is through the destruction of the present employers. The professional agitators have told them so, and nobody in particular has ever told them differently. Well, the 21,000,000 feet of educational film are ready.

The bureau has films taken in Russia under the Bolsheviks. These and pictures of life in America form an elegant contrast. Sitting in the silence of an improvised theatre in a work shop, the employees can take their pick—the American plan or the Soviet plan.

One big reason for the social unrest is the narrowness of lives of many of the workers. Educational pictures will enable them to step out of the rut of a life bounded by factory, home and corner coffee club, and begin to live in the wide world.

Dr. Holley believes an employee's interest in his work would be increased if he could see motion pictures showing how the men on the other end of the job work getting the raw product to the factory door, and other pictures showing the ultimate uses of the finished product.

Industrial films, notably a great many produced under the supervision of Mr. Harry Levey, manager of Universal's Industrial Department, are used to show one part of the country

how the other half works—and lives. Miss A. Maris Boggs, dean and co-founder of the bureau, who passes on all films accepted into the bureau's library, is eager for more of these industrial pictures, and wishes manufacturers, who have had films made of their own plants, would submit them.

The bureau is indebted to the Universal Film Manufacturing Company in another particular. For years all the bureau's films had to be borrowed through the Washington, D. C., headquarters. Believing in the bureau's work, Universal officials offered the free use of its seventy-six distributing exchanges in all parts of the world as branch circulating libraries for the bureau's educational pictures. This makes educational films much more accessible to employers over the country.

Dr. Holley believes employers would find it a good plan to let employees feel that the picture show belongs to them. The employer could offer to provide space and equipment if employees would run the show—select programs from the bureau's catalogue, attend to the details of ordering the pictures, etc. Thus a point of cooperation would be established between employer and employees which would be worth many times the cost of providing the "theatre."

The bureau, making no profits on its films, is supported by endowment, annuity and voluntary subscription. The United States government and principal foreign governments are co-operating with it. It is endorsed by churches and leading business men of the world.

### Laurentide Co. Report

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., September 8, 1919.—At the annual meeting of the shareholders of the Laurentide Company, held in Montreal last week, a satisfactory report of the year's financial operations was presented. Operating profit for the year amounted to \$2,743,374 as compared with \$2,459,921 in 1918 and \$2,095,609 in 1917. Of this, profits from ground wood, sulphite pulp, paper and cardboard made up \$2,510,723, while profits from lumber and miscellaneous made up \$232,651. Interest from investments of \$212,605 brought total income up to \$2,955,979 as compared with \$2,593,835 in 1918 and \$2,220,600 in 1917. After taking care of the usual deductions, and a new item of timber depletion reserve of \$175,554, net income for the year available to the capital stock, amounted to \$1,823,657 as compared with \$1,704,655 in 1918 and \$1,720,011 in 1917.

The indicated earnings on the outstanding capital stock of \$9,600,000 after the deduction of bond interest and other charges as well as reserves for depreciation, forest depletion, business profits war tax and pension fund, is 18.88 per cent., compared with 17.75 in 1918, 17.91 in 1917, 9.77 per cent. in 1916, 8.20 in 1915 and 7.61 per cent. in 1914. For the two previous years the company earned a fraction over 10 per cent.

As evidence that shareholders shared largely in the prosperity of the organization during the year, it will be noted that dividends and a bonus payment of 3 per cent. took up \$1,392,000 as against \$900,000 in 1918 and \$864,000 in 1917. The increase in dividend disbursements in 1919 over 1918 is \$492,000.

The balance-sheet gives the current assets as \$7,238,086, up from \$6,334,375 in 1918, while current liabilities are \$1,882,417, up from \$1,616,474 in 1918. When the necessary deductions are made, net working capital amounting to \$5,355,069 remains, which compares with net working capital of \$4,717,901 in 1918, a growth during the year of \$637,768.

Total assets are also at a good increase, amounting to \$15,-

617,168 against \$14,805,905 in 1918. Plant, including mill, buildings, machinery, etc., after reserve for depreciation, is given as \$7,841,558 as compared with \$5,420,296; timber lands, after reserve for depletion, \$1,947,564 against \$2,090,196, and real estate \$957,621 against \$916,738.

The president, George Chahoon, Jr., on being asked regarding the company's policy in the matter of reforestation and fire protection, stated that the company, during the past year, planted approximately 1,000,000 young trees and hoped to get their nursery up to capacity by the spring of 1920, at which time they would be in a position to plant about 2,000,000 trees per year.

He stated further that there had been scarcely any loss of standing timbers by fire this past year. The Province of Quebec had a very wise and far-sighted policy regarding forest protection which was working out to the satisfaction of all.

The outlook for the coming year was exceedingly bright, he added. The consumption of news print paper is based very largely on the demand of the advertiser, and at the present time the demand for advertising space in the newspapers exceeds anything in the world's history.

The board of directors and officers of the company were re-elected. They are as follows:

George Chahoon, Jr., president; Charles R. Hosmer, vice-president; Louis Armstrong, treasurer; William F. Robinson, secretary; F. E. McNally, assistant-secretary. Directors are George Chahoon, Jr., C. R. Hosmer, R. B. August, F. A. Sabbaton, Edwin Hanson, Commander J. K. L. Ross and Sor Thomas Skinner Bart, London.

### Box Firm to Erect Building

INDIANAPOLIS, Ind., September 8, 1919.—Owing to greatly increased business this year, plans are being made by officials of the United States Corrugated Fiber Box Company, Martindale and Roosevelt avenues, for a new building which will increase the capacity of the plant at least 33 per cent. The improvements, which include additions and one new building, are expected to cost approximately \$200,000, according to H. J. Lacy, president and treasurer of the company.

Plans are being drawn at the present time by Charles E. Bacon, architect, for the construction of a building which will be 100 feet wide and 160 feet long. The new building will be fireproof throughout and will be of concrete construction. Every modern convenience and facility known in factory construction will be embodied in the new building. It will be two stories high, with a basement.

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ORISKANY, N. Y.

**OUR TIGHT FITTING, DIAMOND "W" JACKETS  
WILL NOT LICK UP AT ANY SPEED**

**1869 { MADE ONLY AND } 1918  
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**H. WATERBURY AND SONS COMPANY, ORISKANY, N. Y.**



## DEVICE FOR REMOVING PRINTERS' INK FROM PAPER

Thomas Jespersen, of Neenah, Wis., has been granted a patent on certain new and useful improvements in devices for removing printers' ink from printed matter which the invention describes as follows:

In removing printers' ink from printed paper and the like for the purpose of reclaiming the paper stock so as again to employ it in the manufacture of paper, it is usual to pulp the old printed paper in a beater engine as a preparatory step to the actual separation of the ink from the paper. Considerable difficulty has been met with hitherto in effecting the actual removal of the ink from the pulped paper as above referred to when such ink has been prepared with mineral oil or oils. Such oils will

Fig. 3 shows a transverse section taken along the line, 3, 3, of Fig. 1.

Referring to the drawings, the beater engine may be of any usual type comprising the main trough, 1, the cylinder or roll, 2, driven by gear, 3, the bed plate, 4, and the midfeather, 5. As the roll revolves the pulp mixture is caused to circulate thereby around the ends of the midfeather (as indicated by the arrows) in the usual way. The arrangement and operation of the beater engine as described are well known in the art.

The particular improvement invented by me and constituting the subject matter of this application is the separating device or trough, 6. This comprises a solid baffle wall or barrier, 7, of wood or metal which extends across the main trough from the rear wall to the midfeather, the lower edge of the barrier dipping slightly below the lowest level edge to which the pulp mixture is likely to sink during the normal or washing operation of the engine. The top edge of the barrier, preferably, should extend nearly, if not quite, to the top edge of the main trough.

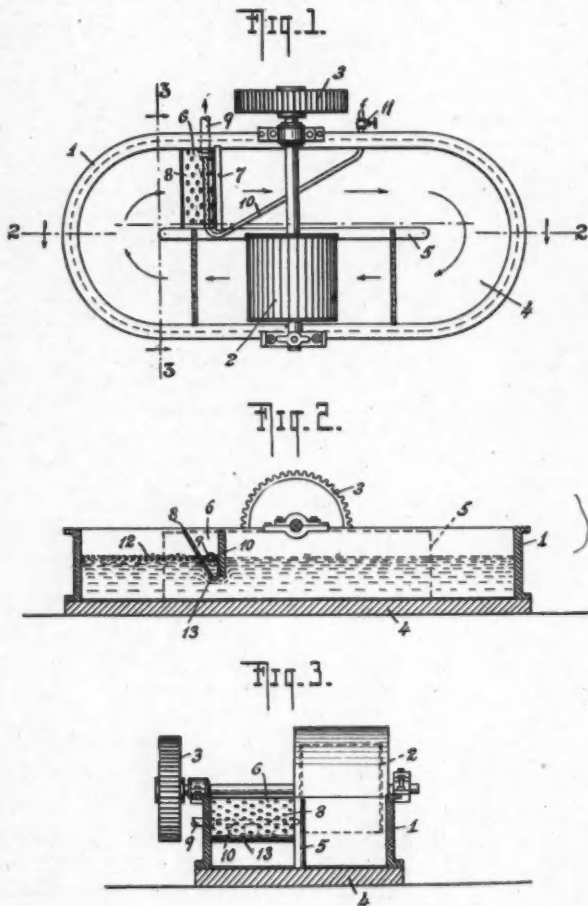
To the lower edge of the baffle and also extending completely across the main trough from midfeather to wall, is attached a metal plate, 8. This plate is perforated, say by 1-16 inch holes spaced from  $\frac{3}{4}$  to 1 inch apart, and is inclined toward the oncoming pulp at an angle of about 45 degrees with respect to the barrier. The upper edge of this plate should lie on the same level as the upper edge of the barrier. An outlet pipe, 9, opens into the main trough wall between the barrier and plate, 8; this pipe may be of substantial diameter, say 2 to 3 inches, and its top should not be lower than the highest level to which the pulp mixture is likely to rise.

A flushing pipe, 10, has its outlet end disposed between the barrier and plate, 8, of the separating device, preferably entering the latter at the midfeather end; it should extend from midfeather to the rear wall of the main trough. The pipe is provided with a valve, 11, and connects with a suitable source of water supply (not shown). The outlet end of the pipe should be provided with spaced perforations on its top and throughout its entire length; preferably, there should be a central row of perforations on each side thereof so as sweep the entire space between the barrier and the metal plate above the surface of the pulp mixture when the water supply is turned on.

In the operation of my improved separating device, it being assumed that the beater engine is properly supplied with water and printed paper, the pulp will circulate in the trough as indicated by the arrows and the oil will rise to the surface, carrying with it the ink. This oil and ink mixture will normally lie upon the surface as a thin film, 12, and will tend to be circulated about the trough with the pulp. As the pulp mixture travels about the trough its upper strata will first meet with the perforated plate, 8. The perforations being small, the pulp will be unable to pass therethrough but will be forced down and around the bottom of the separating device as indicated at 13. The oil with its contained ink, however, lying as it does upon the top surface of the pulp mixture, and being lighter than the water, cannot be forced down and under the bottom of the separating device, but will enter the perforations and be then obstructed by the barrier, 7. The effect of this will be, so to speak, to "pile up" the oil against the inner side of the barrier. Pipe 9, however, will draw this oil off as fast as it enters the separating device.

In the normal operation of the engine upon the printed paper, as just described, a certain percentage of the mixed or combined oil and ink is constantly being converted into foam or froth. This, of course, will rise to the surface. Over and beyond this percentage I find that the amount of foam and froth

(Continued on page 44)

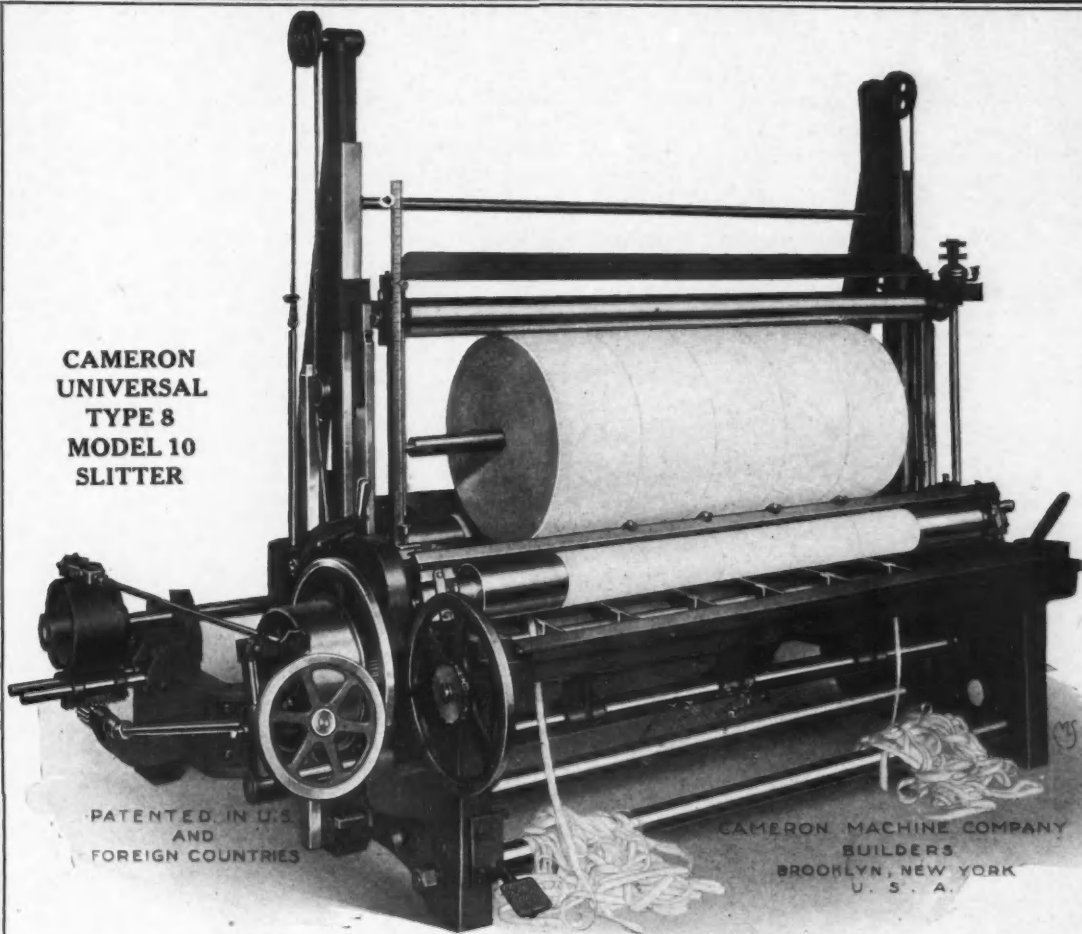


not combine with alkalis so as to saponify, but will, instead, rise to the surface of the pulp.

The object of my invention, about to be described, is to provide a simple, easily made and applied means capable of taking advantage of this tendency of the oil to rise, so as to effect a continuously operated and complete removal of the ink and oil from the pulp.

The invention will be better understood by referring to the accompanying drawing in which Figure 1 represents a plan view of the usual form of beater engine having a preferred form of the invention applied thereto; Fig. 2 represents a longitudinal, vertical section taken along the line, 2, 2, of Fig. 1; and

**CAMERON  
UNIVERSAL  
TYPE 8  
MODEL 10  
SLITTER**



PATENTED IN U.S.  
AND  
FOREIGN COUNTRIES

CAMERON MACHINE COMPANY  
BUILDERS  
BROOKLYN, NEW YORK  
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## Slitter for Finishing Room

The new Cameron Slitter and Winder, known as Universal Type 8 Model 10, is especially designed for heavy work in the Finishing Room. Machines of this type made in sizes up to 92" in width. A few important features are as follows:

1. Heavy construction to withstand strain of continuous operation.
2. Simplicity of design so that machine can be operated by anyone without special skill.
3. Rapid adjustment of slitters for change of width of rolls or width of trim.
4. Score Cut method in preference to any other method of slitting.
5. Does perfect work on any kind of paper made, producing clean cut and accurate rolls.

In addition to the above, there are a number of other important structural details and operating conveniences about which we will tell you. Send for photos, blueprints, and full particulars.

**CAMERON MACHINE COMPANY**

55-67 POPLAR STREET

BROOKLYN, N. Y.

Agents for Canada—Toronto Type Foundry Co., 70 York St., Toronto, Canada

## DEVICE FOR REMOVING PRINTERS' INK FROM PAPER

(Continued from page 42)

will be very considerably increased by and at any obstruction met with by the circulating pulp mixture. For this reason, the operation of the engine will cause a steadily increasing mass of foam and froth to accumulate upon and at the outer surface of the perforated plate, 8. In time this accumulation will be so great that it will be pushed over the top of the plate and into the separating device between the plate and the barrier, 7. Further accretions of foam and froth will be produced within the separating device by reason of the frictional resistance to the flow of the mixed oil and ink through the perforations. This aggregated mass of foam and froth will obviously not readily be drawn off by the outlet pipe, 9, but will instead tend to cling to the metal plate, 8, and to the barrier, 7, and to hold the oil and ink particles entangled therewith. To avoid this difficulty, I open the valve, 11, every now and then and thus cause a spray of water to issue from the perforations in pipe 10 and thus thoroughly flush the separating device.

Instead of thus flushing out the separating device intermittently, I may, if I choose, leave valve 11 permanently open so that the flushing operation is going on constantly and the foam and froth being washed away as rapidly as it is produced.

While I have described my invention in a preferred form, various changes in detail may be made within the spirit of the same and within the scope of the claims which follow. Thus the separating device instead of being disposed between the mid-feather and the rear wall of the main trough may be located in any other desired position, the only essential being that it intercept the flow of the circulating mixture.

Similarly as regards the separating device itself. Here the size and spacing of the perforation of the metal plate may be varied in accordance with the particular requirements of the particular work to be done.

In some cases wire cloth or net of suitable mesh might be substituted for the metal plate.

Furthermore, the separating device itself may be considerably modified as to its form, provided its essential features be retained. These features I regard as, first, the barrier or some equivalent thereof placed so as to intercept the circulatory flow of the oil and ink film and pile it up so as to enable it to be more readily drawn off, and, second, the perforated plate or strainer disposed so as to pass the oil and ink film but not the pulp particles; the strainer should, preferably, be so placed that the pulp particles will not adhere to it but will be passed on without, however, being able to get to the piled-up oil and ink between the strainer and the barrier.

I may, therefore, substitute a pipe length for the separating device of the drawings, one end of the pipe being closed and the other joined to the outlet pipe, a side wall of the pipe through a certain arc, say 90° to 150° approximately, being perforated or replaced by suitable wire net.

Still other variations will occur to those skilled in the art.

### What Is Claimed

Having described my invention, I claim:

1. In a beater engine for washing pulped printed paper, a strainer disposed to intercept the upper strata of the circulating pulp mixture so as to hold back the pulp particles, a barrier placed behind the strainer to pile up the oil and ink film which has passed through the strainer and means for drawing off the piled-up ink and oil.
2. In a beater engine for washing pulped printed paper, a perforated plate disposed to intercept the upper strata of the circulating pulp mixture said plate being inclined downwardly and forwardly with respect to the direction of flow so as to deflect the

held back pulp particles, a barrier placed behind the strainer to pile up the oil and ink film which has passed through the strainer, and means for drawing off the piled-up ink and oil.

3. In a beater engine for washing pulped printed paper, a separating device comprising a barrier disposed across the upper part of the beater trough to intercept the upper strata of the circulating pulp and pile up the ink and oil film, a perforated plate attached to the bottom of the barrier and extending upwardly and forwardly therefrom toward the oncoming pulp so that pulp particles will be deflected thereby and caused to pass beneath the separating device, and means for drawing off the piled-up ink and oil.

4. In a beater engine for washing pulped printed paper, a strainer placed at an angle to the direction of motion of the circulating pulp mixture across the upper strata thereof so as to hold back and deflect the pulp particles, a barrier behind the strainer to pile up the oil and ink film which has passed through the strainer, and means for drawing off the piled up ink and oil.

In testimony whereof I have hereunto set my hand.

## DEMAND IN PHILADELPHIA

(Continued from page 28)

The Nitro establishment included a complete industrial community embracing 737 manufacturing buildings and housing accommodations for 20,000 persons.

### Pittsburgh Paper Products Chartered

Among the Pennsylvania charters granted during the week were to the Pittsburgh Paper Products Company, Pittsburgh, \$15,000, Walter S. Grant; and to the La Trinacria Printing and Publishing Company, Pittsburgh, \$10,000, F. De Francesco.

### Paper Trade in Council of 21

The paper trade will be represented in the new Council of 21 which goes into effect with the new City Charter, January 1, no matter which of the two political factions now engaged in a bitter struggle is successful. On behalf of the regular Organization a nomination will be given to Simon Walter, the well known paper jobber, whose expansion in equipment recently was recorded in the PAPER TRADE JOURNAL. The opposition favors the nomination of Sigmund J. Gans, head of Gans Brothers, printers, stationers and paper dealers. It is practically certain that either Mr. Gans or Mr. Walter will be elected to the post which pays \$5,000 salary.

### State Forest Lands

Pennsylvania State Forestry officials estimate that there are on its preserves more than \$1,500,000 worth of timber which is available for lumber or pulp manufacture and which is not on the market solely because of transportation difficulties. The State now owns 1,041,491 acres of forest land in 53 forests distributed through 27 counties. The land cost the State \$2,375,000. All income goes into the school fund and up to July 1 over \$191,000 of this had been made available for education.

### General News of the Trade

Frank F. Frey, formerly with the Union Bag and Paper Corporation, has joined the sales force of the Lowe Paper Company. R. E. Peters has taken his place with the Union Company. Robert Fitzgerald, another Union salesman, is now with the Joseph Hall Company.

Watermarked brands made for the liquidated Megargee-Hare Company by the United States Envelope Company are now included in the stock of A. Hartung & Company.



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COATED PAPER TRADE

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Chemical Industries, Coliseum and First Regiment  
Armory, Chicago, Week of September 22nd."



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MUNISING MICHIGAN

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COLOR QUALITY AND UNIFORMITY  
HAVE MADE FOR IT  
AN ENVIABLE REPUTATION

## THE MALLOW OF ALGERIA AND ITS USE IN PAPER MAKING

SPECIALLY TRANSLATED FROM PAFETERIE FOR THE PAPER TRADE JOURNAL.

WRITTEN BY L. VIDUL AND E. DOURON.

The mallow of Algiers (*Lavatera Cretica*) is a biannual plant attaining 1.5 and even two metres in height (about five to over six feet); with three rough, hairy stalks, of the thickness of a finger, straight or slightly flattened at the base; the leaves round, hairy, whitish; the flowers violet, resembling those of the common mallow. It is a noxious plant which is found in uncultivated fields and along the path roads in the whole Mediterranean region. It exists, too, here and there, in the middle portion of France, but here it is not abundant. It is much more common in Algeria, Tunis, Morocco and also in the Orient as its name, the mallow of Crete, given by Linnaeus, bears witness. Such is the plant which has suggested to some the idea of using it in the making of textiles and as paper material.

### Valuable for Pulp Making

In fact the bark of the stalk possesses a large number of pericyclic and Liberian fibres arranged in numerous concentric layers. This is a character which is found in all the Malvaceae, and which, in theory at least, renders all more or less useful in pulp making. In practice the species particularly described by M. Michony deserves careful examination because the fibrous

material is voluminous, growing abundantly in certain provinces, Oran, for example; it is possible to cultivate a crop sufficient to justify its commercial exploitation. Besides the Cretan mallow, business promoters propose to cultivate a kindred species, the mallow of Morocco, which may be considered to be a simple littoral variety. This plant grows on the edge of the sea in Algiers and Morocco; from the practical point of view, which now concerns us, it nowise differs from the principal species with which it may be mixed without trouble.

### Useless Portions Rejected

In the preliminary process the useless portions of the plant are immediately rejected. The costs of freight are thus lessened; the fibres are subjected to the effects of moisture in the place where they are produced by a very simple and practical method, because it requires very little water—an important consideration in a country where water is scarce. In this manner a thick mass of fibres, crude and containing impurities, is obtained; the yield is about 10 per cent of the dry plant. This raw fibrous sheet is the product which Algeria is in a position to offer to the

(Continued on page 58)

### The Precision of Control

of a Shepard Electric Transfer Crane makes it possible to stack bundles and bales in the warehouse and storeroom systematically. The operator in the overhead cage can build up the pile in a space-saving, time-saving manner and with like efficiency can "tear-down" and distribute the units, when needed, to various parts of the mill.

All working parts both electrical and mechanical are protected from dirt, dust and dampness by a closed-in construction. And the enclosed gears running in an oil bath make trouble unknown and reduce maintenance costs to a minimum.

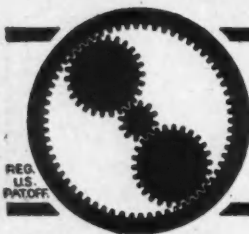
A Shepard Electric Transfer Crane will save in more ways than one. Our engineers are ready to study your hoisting problems and help you to solve them.

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# UNITED STATES GOVERNMENT SALE NITRO, W. VA.

**Bids to Be Opened September 30, 1919**

## Information for Bidders

Property to be sold includes a complete manufacturing community, the various units of which are readily adaptable for use in various lines of industries.

Sealed proposals will be received at the office of I. H. FRANCIS, Chairman of the Ordnance District Salvage Board, 1710 Market Street, Philadelphia, Pa., until 12 o'clock noon, September 30, 1919, at which time they will be publicly opened and read, for the purchase of the United States Government Explosives Plant "C," located at Nitro, West Virginia, which was constructed by the United States for the manufacture of smokeless powder. Proposals must be for the purchase, either for cash or for part cash and part deferred payments amply secured, and must cover all right, title and interest of the United States in all real estate appertaining to this plant and all equipment, fixtures and personal property thereon and thereunto belonging, except that title to certain fixtures and personal property is reserved to the United States, information regarding which will be furnished prospective bidders on request. All proposals are to be accompanied by a money deposit in the form of a certified check made payable to the Treasurer of the United States in the amount of \$500,000.00. The United States reserves the right to reject any or all bids and to accept that bid which it is deemed will best serve the interests of the United States.

**LOCATION:** Sixteen miles northwest of Charleston. Main line of Kanawha and Michigan Railway. About three-mile front on east bank of Kanawha River. Approximate area, 1800 acres.

**BUILDINGS:** 737 manufacturing buildings. Sulphuric acid plant (7 units); capacity, 700 tons per 24 hours. Nitric acid plant (4 units); capacity, 300 tons per day. Cotton purification plant (4 units); capacity, 225 tons per day. Nitrating, Celloiding and Drying units. Refrigerating plant (5 160-ton units). Ice plant (100 ton). Box-making plant. Thirty large storage buildings. Sixteen shipping houses (Magazines). Machine shop (fully equipped) and miscellaneous buildings (all equipped).

**POWER:** 35,000 rated boiler H. P. Generators, 3,000 K. W. Switchboard and distribution, 20,000 K. W. contemplated distribution, 15,000 K. W. from other sources.

**LABOR:** The labor element of this vicinity is adaptable to the iron, steel, chemical, by-product, glass and kindred industries. The percentage of population averages: Native whites, 89%; negroes, 8%; aliens, 3%.

**RAILWAY AND SHIPPING:** Ample railway facilities are available by way of the Kanawha and Michigan Railway, Virginia R. R., Chesapeake and Ohio, Baltimore and Ohio and New York Central R. R. The Kanawha River—navigable the year around—furnishes a water route to Pittsburgh, Great Lake ports and the Gulf of Mexico.

**RAW MATERIALS:** This section furnishes coal of the highest grade, steam and coking; natural gas, high-grade crude petroleum, excellent salt brine, limestone and dolomite. The ground strata is red clay, red and sandy shales mixed with gravel.

**COMMUNITY:** Approximately 1500 complete portable homes; large barracks and mess houses; Y. M. C. A. buildings, recreation buildings, 400-bed hospital; about 75 permanently constructed executive residences, hotels, boarding houses, dormitories, clubhouses, general and special stores, cafeterias, moving-picture houses and modern 24-room schoolhouse.

**THE UNITED STATES RECOMMENDS** that parties interested in particular units of this project associate themselves for the purpose of submitting a bid for the entire property. To facilitate such bidding, government agents will put interested parties in touch with each other.

## AN OPPORTUNITY FOR YOUR PLANT



# TAPPI

## Don't Delay Any Longer!

Please notify the Chicago Local Committee at once of your intention to be present at the

## FALL MEETING

OF THE

## Technical Association <sup>of</sup> the Pulp and Paper Industry

Chicago, September 24th-27th, 1919

Convention Headquarters, Registration Booth and Business Sessions at the Coliseum and Armory, where, during the same week, the Fifth National Exposition Chemical Industries will also be held.

The Entertainment Committee announces:

Wednesday evening, September 24th—Banquet, Union League Club.

Thursday afternoon, September 25th—Luncheon and Inspection Trip Sears-Roebuck Company's plant, including Wall Paper Mills.

Thursday evening, September 25th—Smoker, Union League Club.

Friday, September 26th—Visit U. S. Forest Products Laboratory, Madison, Wisconsin.

As NO HOTEL has been chosen as Headquarters, therefore, it is immediately necessary for you to make your own Hotel Reservations in Chicago.

You are especially urged to make your banquet reservations EARLY. Banquet tickets for your guests may be secured at \$3.00 each.

You will receive your official program this week. Please read it carefully.

**This Space Contributed by THE PAPER TRADE JOURNAL**

Address all Communications to

THOMAS H. SAVERY, JR., Chairman Local Committee,  
1718 Republic Bldg., Chicago, Ill.

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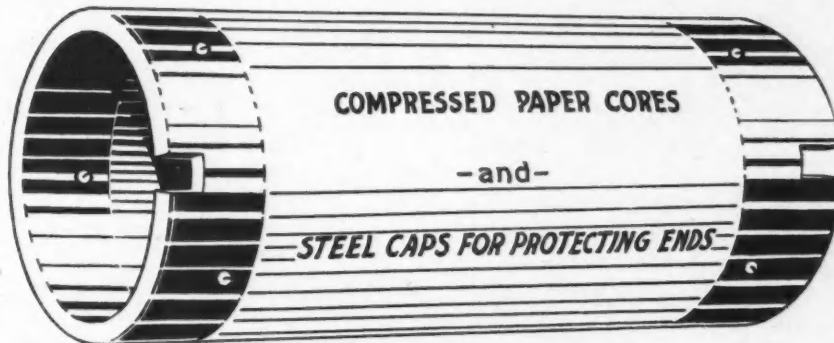
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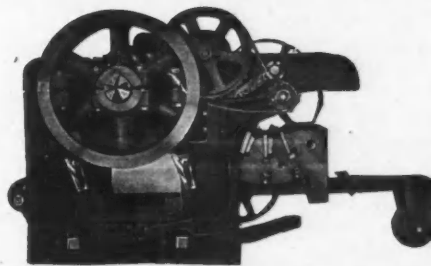
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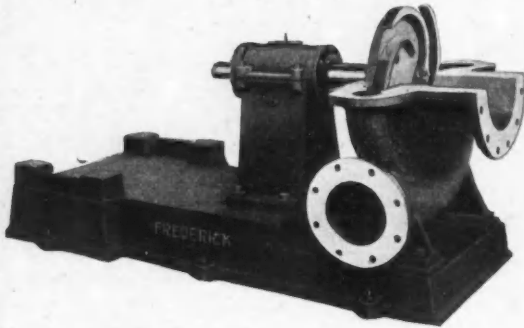
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Extra Strong, Long Pure  
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“The Fisher High Pressure Steam Trap furnished us some time ago has given very satisfactory operating results and inasmuch as the installation was made in a place where we had previously tried out four other traps with unsatisfactory results we feel that your equipment is to be complimented.”

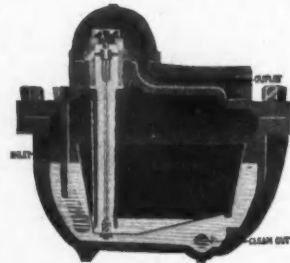
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SINGLE and DOUBLE LINED

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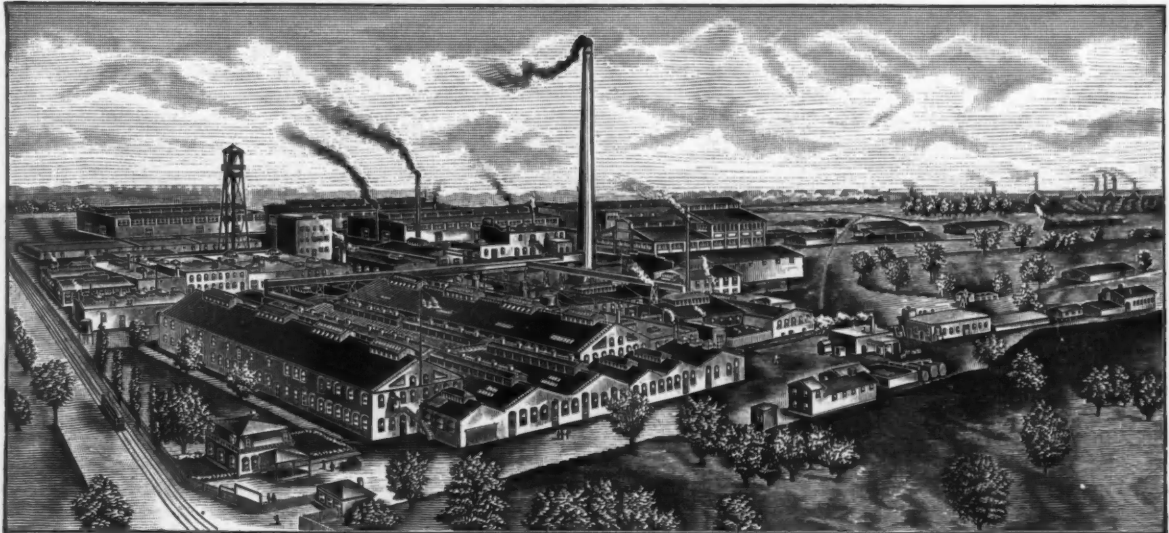
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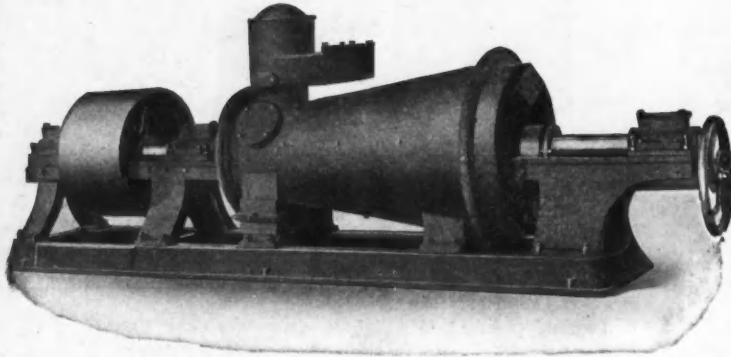
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Has  $3\frac{1}{2}$  Times the Efficiency of Any Other Beater in use today, for Beating, Brushing and Refining Paper Stock.

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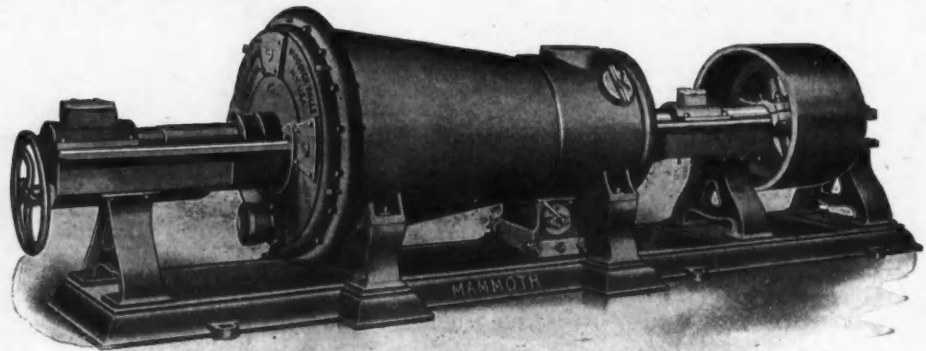


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presents a perfect wrapping paper, weight and strength for each wrapping purpose. Made in all weights, from 15 lb. to 100 lb. basis. The one complete, standardized and economical line of wrapping paper sold.

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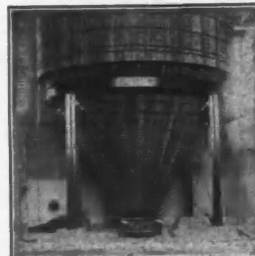
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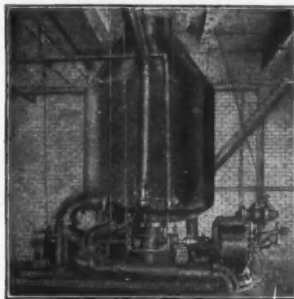
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**CAPACITY—12 TO 15 TONS IN 24 HOURS**

It de-fibers and liberates ink and color in one operation. It separates ink and color from fibers, instead of rubbing, grinding or kneading them in—thus shortening the time required for washing, and insuring a brighter pulp.

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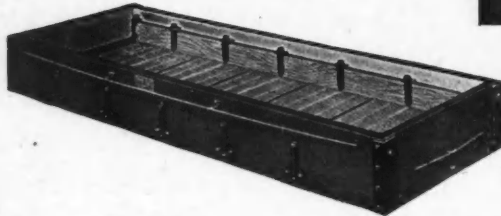
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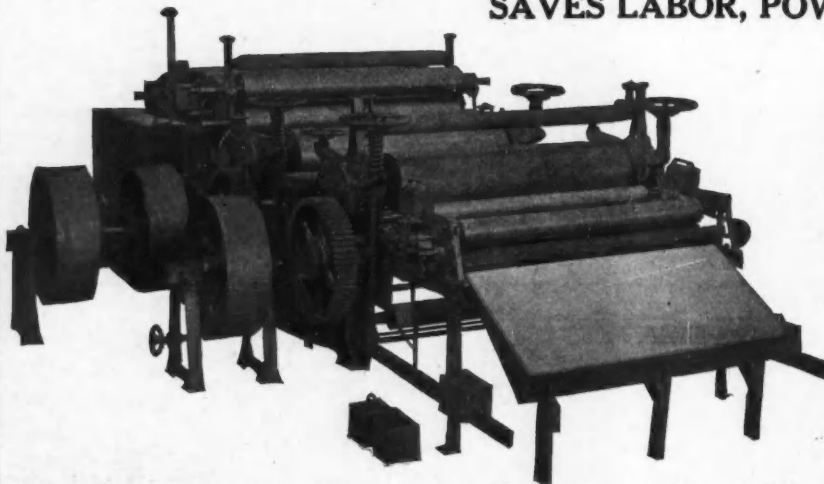
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Built both single and double press. They operate successfully on both sulphite and sulphate pulp.

Felt cost is low considering dryness obtained.

Ball bearings for cylinder mould and couch roll.

Automatic felt guides.

Handy sheets 33" x 36" automatically deposited in tray at front of machine of a uniform dry test of 47%.

Illustration shows Rogers Double Wet Machine which has a capacity of 30 dry tons in 24 hours.

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TRADE MARK

## New York Market Review

OFFICE OF THE PAPER TRADE JOURNAL,  
WEDNESDAY, September 10, 1919.

Trade in the paper markets this week was brisk, with an ever-strengthening tendency. News print is almost out of the market, manufacturers having difficulty in filling contracts. Practically no news is being handled by jobbers. Other grades of paper are still on their upward climb, several grades having advanced this week.

Export demand is still increasing, and promises to hold the American level of prices fairly high, even when the domestic supply is sufficient to meet home needs. Exporters are optimistic, but find difficulty in filling orders.

A rise in the prices of all grades of fine papers is not unlikely, according to dealers here, due to the increased demand for rags, and their corresponding increases in price. Several grades have already increased, which, it is expected, will have an effect on the writing paper market.

Further increases in book paper prices were evidenced this week. Trade is reported strong, and supplies limited. S. & S. C. went up a notch, now being quoted at 9@9.50, while M. F. went up a half-cent, now selling for 8.50@9.

Demand for coarse and tissue papers is about the same as last week, no changes in prices having been reported. Trade is, however, active, and further advances are anticipated.

### Ground Wood

Wood pulp took an over-night jump, due to the critical situation in news print and it is now being quoted at from \$33@40 the ton. Most dealers are entirely sold out, and are unable to obtain supplies, and those that are able to get pulp, are able to get top prices for it.

### Chemical Pulp

Prices of chemical pulp also increased this week. Domestic bleached sulphite, formerly quoted at 5.50@6, now brings 5.75@6.50. Demand for all pulp is heavy, and the market is decidedly strong, with further increases in prices not unlikely.

### Rags

Few changes in the rag market occurred this week. A slight drop in the price of cloth strippings which were formerly quoted at 3.10@3.15 and which are now selling at 2.75@2.85 was noticed, but otherwise the market continued steady. Large shipments of goods are being made by dealers to manufacturers at good prices.

### Bagging

Slight changes in the bagging market featured the trade this week. Foreign gunny, No. 1, now brings 3.60@3.70, as does Bright bagging. Wool tares, also went up a notch, selling now at 3.60@3.70, over last week's price of 3.25@3.35. Trade was reported active and shipments of normal size.

### Paper Stock

Waste paper after last week's wholesale increases has continued unchanged. Trade is strong, and shipments comparatively large. A shortage in some grades is noticeable.

### Twine

Trade in the soft grades of twines, including jutes, is very strong this week, but no large demand is observed for the hard twines. As a result, prices have gone down slightly on these grades.

## THE MALLOW IN PAPER MAKING

(Continued from page 46)

spinner and the paper maker. In textile manufacture after an appropriate combing and weaving, it may be employed in the making of rope and packing thread. As material for paper making it may evidently be used immediately.

The new raw material was submitted to the Minister of In-

ventions, who confided the technical study of the pulp to the French School of Paper Making. The investigation had the approval of M. Crolard, Deputy from Upper Savoy and president of the Syndicate of Paper Manufacturers. From this report we take the following which we are authorized to publish.

### A Substitute for Jute

"The fibrous sheet extracted from the bark of the mallow may be defined in one word; it is a substitute for jute. It is furnished by a plant akin to jute in botanical characters; it has the aspect and the microscopical characters of jute. The fibrous thread is amber, with little color, clearer than that of jute; it is shiny, though less so than jute; it is also less ligneous, so that it is more supple and less liable to break. Under the microscope it manifests the following structure—long bundles of coherent fibres, regular, and rather slender or delicate. These fibres are formed of lignocellulose as is shown by the golden yellow which they take with chlor-iodide of zinc. They are colored red by the phloroglucinol-hydrochloric acid solution. These are the characters of raw jute and all its substitutes. The cellulose content, determined by Cross and Bevan's chlorine method, gave a yield of 57 per cent. From the point of view of paper making this material may be cooked, but the process should be slight to leave the fibres all their resilience. To obtain a bleached cellulose, however, cooking should be more thorough. We were able to make this pulp by treating a small quantity of fibre in a laboratory autoclave as follows:

Caustic soda (NaOH pure), 7 per cent.

Concentration, 4 Beaume.

Pressure, 3 kilos.

Duration of cooking, 4½ hours.

After defibering and washing in a small laboratory beater, it is possible to obtain a bleached pulp by employing about 18 per cent of chlorinated lime. The process of bleaching is done with heat. But, in other respects, it proved difficult and was by no means perfect.

### Good Quality of Strength

Whether bleached pulp or white pulp be used, it is possible to run off sheets of paper on the machine. The samples have a good quality of solidity and strength, particularly those made from the bleached pulp. The cellulose which we obtained was completely resolved into its elementary fibres. It is colored a dirty violet, slightly brownish, by chlor-iodide of zinc. It is composed of long fibres, measuring 2 millimeters (.078 in.) on an average; in shape almost cylindrical, with thick walls. The diameter of the fibres is .020 mm. (.00078 in.) on an average. The absolute length, 2 millimeters, and the relative length, that is, the ratio between the diameter and the length, or

$$\frac{20}{1} = \frac{2000}{100}$$

are exactly the same as those of jute and therefore indicate a considerable amount of felting power. The strength of the fibre, however, is somewhat less than that of jute, because the thickness of the wall is not the same. Here the lumen of the fibre is not reduced to the point where it presents the sharp intersections that are so characteristic of jute. This cellulose is exclusively fibrous; it is almost pure; the cellular debris from the bark having largely disappeared during cooking.

Among the other substitutes for jute, the Dà or hemp of Africa, or again the hemp of Gambo (*Hibiscus cannabinus*) is certainly the raw material which most nearly approaches to that which we are studying. Commercially the Dà is a kind of jute; less colored, less ligneous, less easy to break, but more supple and soft than ordinary jute. The conclusion is that the fibrous thread of the Algerian mallow will make a good raw material for paper.

If it is possible to obtain it at a low enough price, it will become an interesting product to paper makers.

# Market Quotations

## Paper Company Securities

New York Stock Exchange closing quotations, September 9, 1919:

STOCKS.	Bid.	Asked.
American Writing Paper Company, pref.	57 3/4	58 1/4
International Paper Company, com.	57	57 3/4
International Paper Company, pref.	96	105
International Paper Company, pref., Stamped.	75	77
Union Bag & Paper Corporation.	84	91
United Paper Board.	13	..

BONDS.	Bid.	Asked.
International Paper Co., Convertible S. F. 5s, 1935.	98	..
International Paper Co., 1st and Refunding Conv. 5s, 1947.	90	92
Union Bag & Paper Corporation, 1st 5s, 1930.	88 1/4	92

Paper	Bid.	Asked.
Bonds	11 @ 41	
Ledgers	13 @ 36	
Writing		
Extra Superfine.	20 @ 21	
Superfine	19 @ 22	
Tub Sized	14 @	
Engine Sized	12 @	
News-f. o. b. Mill-		
Rolls, contract.	@	
Rolls, transient.	5.20 @ 5.50	
Sheets	5.00 @ 5.50	
Side runs	3.75 @ 4.00	
Book cases-f. o. b. N. Y.		
M. F.	9.00 @ 9.50	
S. & S. C.	8.50 @ 9.00	
Coated and		
Enamel	10.50 @ 12.00	
Lithograph	10.00 @ 11.00	
Tissues-f. o. b. N. Y.		
White, No. 1.	1.15 @ 1.25	
White, No. 2.	1.00 @ 1.10	
Manila, No. 1.	1.00 @ 1.10	
Kraft	1.10 @ 1.35	
Colored	1.60 @ 3.10	
Anti-Tarnish	1.20 @ 1.40	
Kraft-f. o. b. N. Y.		
No. 1 Domestic.	8.50 @ 8.75	
No. 2 Domestic.	7.75 @ 8.25	
Imported	@	
Screenings	3.75 @ 4.25	
Manila-		
No. 1 Jute.	11 1/2 @ 12	
No. 2 Jute.	11 @ 12	
No. 1 Wood.	5.75 @ 6.25	
No. 2 Wood.	5.00 @ 5.50	
Butchers'	5.00 @	
Fibre Papers-		
No. 1 Fibre.	6.00 @ 6.25	
No. 2 Fibre.	4.75 @	
Card Middles	4.00 @	
Common Bogus	3.00 @	
Boards, per ton, f. o. b. N. Y.		
News	60.00 @ 65.00	
Straw	52.50 @ 55.00	
Chip	55.00 @ 60.00	
Binders Board.	70.00 @ 75.00	
Manila Lnd. Chip.	70.00 @ 75.00	
Wood Pulp	80.00 @ 85.00	

## Mechanical Pulp

(F. O. B. Pulp Mills.)

No. 1 f. o. b. Mill. 33.00 @ 40.00

## Chemical Pulp

(Ex-Dock, New York.)

Sulphite (Foreign)-		
Bleached	7.50 @ 8.00	
Easy Bleaching.	5.25 @ 5.50	
No. 1 Unbleached	4.75 @ 5.00	
No. 2 Unbleached	4.00 @ 4.25	
Kraft (Foreign)	4.50 @ 5.00	
(Domestic, F. O. B. Mills.)		
Sulphate-		
Bleached	6.50 @ 7.00	
Sulphite (Domestic)-		
Bleached	5.75 @ 6.50	
Extra Strong Unbleached	4.75 @ 5.00	
Easy Bleaching		
Sulphite	4.50 @ 5.00	
News Sulphite.	3.50 @ 3.75	
Mitscherlich	5.25 @ 5.50	
Kraft (Domestic)		
F. O. B. Mill.	4.25 @ 4.50	
Soda Bleached, delivered	4.75 @ 5.00	
-Dash means nominal.		

## Domestic Rags

Prices to Mill f. o. b. N. Y.	Bid.	Asked.
Shirt Cuttings-		
New White, No. 1	15 1/4 @ 16 1/4	
New White, No. 2	10 @ 10 1/2	
Silecias, No. 1.	11 @ 11 1/2	

New Unbleached.	13 @ 13.50	
Washables	10 1/4 @ 10 1/2	
Fancy	11 1/4 @ 11 1/2	
Cottons-according to grades-		
Blue Overall	11 @ 11 1/2	
New Blue	9 1/4 @ 9 1/2	
New Black Soft.	5 1/4 @ 6 1/4	
New Light Sec'ds	6 1/2 @ 7	
Khaki cuttings.	5 1/2 @ 6	
Corduroy	10 1/4 @ 11	
New Canvas	10 1/4 @ 11	
New Black Mixed	4 1/4 @ 5	
Whites, No. 1-		
Repacked	7 1/4 @ 8	
Miscellaneous	6 @ 6 1/4	
Whites, No. 2-		
Repacked	5 1/4 @ 5 1/2	
Miscellaneous	4 1/2 @ 4 3/4	
St. Soiled Whites.	3 1/4 @ 3 1/2	
Thirids and Blues-		
Repacked	4 1/4 @ 4 1/2	
Miscellaneous	3 1/2 @ 3 3/4	
Black Stockings	3 1/4 @ 3 1/2	
Cloth Strippings	2.75 @ 2.85	
Roofing Stock-		
No. 1	2.85 @ 2.95	
No. 2	2.75 @ 2.85	
No. 3	2.45 @ 2.55	
No. 4	2.45 @ 2.55	
No. 5A	2.25 @ 2.35	
B.	2.05 @ 2.15	
C.	.95 @ 1.05	

## Foreign Rags

New White Cuttings	nominal	
Unbleached Cottons	nominal	
Light Flannelettes	nominal	
New Light Silecias	nominal	
New Light Oxfords	nominal	
New Light Prints	10 1/2 @	
New Mixed Cuttings	@ 5.00	
New Dark Cuttings	@ 4.75	
No. 1 White Linens	nominal	
No. 2 White Linens	nominal	
No. 3 White Lin.	11.00 @ 14.00	
No. 4 White Lin.	8.00 @ 10.00	
Old Ex. Light Prints	4.50 @ 4.75	
Ord. Light Prints	4.25 @ 4.50	
Med. Light Prints	4.00 @ 4.25	
Dutch Blue Cottons	@ 4.50	
Ger. Blue Cottons	nominal	
German Blue Linens	nominal	
Checks and Blues	nominal	
Dark Cottons	2.75 @ 2.88	
Shoppery	2.20 @ 2.40	
French Blues	4.50 @ 4.75	

## Bagging

Prices to Mill f. o. b. N. Y.	Bid.	Asked.
Gunny No. 1-		
Domestic	3.50 @ 3.70	
Foreign	3.60 @ 3.70	
Bright Bagging	3.60 @ 3.70	
No. 1 Scrap.	2.80 @ 2.90	
Sound Bagging	2.45 @ 2.55	
Wool Tares, light.	3.00 @ 3.20	
Wool Tares, heavy.	3.60 @ 3.70	
Manila Ropes-		
Foreign	6.25 @ 6.50	
Domestic	6 @ 6 1/4	
New Bur. Cut.	4 1/4 @ 5	
Hessian Jute Th'rs	6 @ 6 1/4	
Mixed Strings	2.75 @ 3.00	

## Twines

India, No. 6 basis-		
Dark	24 1/4 @ 26 1/4	
Light	27 1/4 @ 29 1/4	
B. C., 18 basis.	38 @ 40	
A. B., Italian, 18 basis.	80 @	
Finished Jute-		
Dark, 18 basis.	32 @ 34	
Light, 18 basis.	38 @ 32	

Jute Wrapping, 2-6 ply-		
Extra No. 1.	32 @ 34	
No. 2	27 @ 29	
Papers Makers' Twine		
Balls	19 @ 21	
Box-Twine, 2-4 ply.	21 @ 23	
Jute Rope	25 @ 40	
Amer. Hemp, 6..	30 @ 31	
Sisal Hay-		
No. 1 Basis.	20 @ 22	
No. 2 Basis.	18 1/4 @ 20	
Sisal Lath Yarn-		
No. 1	19 1/4 @ 19 1/2	
No. 2	17 1/4 @ 19 1/2	
Manila Rope	27 @ 29	

## Old Waste Papers

(f. o. b. New York)	Bid.	Asked.
Shavings-		
Hard White, No. 1	5 1/4 @ 5 1/2	
Hard White, No. 2	4 1/4 @ 4 1/2	

Soft White, No. 1	4 1/2 @ 4 1/4	
Colored, No. 1.	1.40 @ 1.50	
Flat Stock-		
Stitchless	2.50 @ 2.60	
Over Issue Mag.	2.35 @ 2.45	
Solid Flat Book.	2.25 @ 2.50	
Crumpled, No. 1.	1.70 @ 1.80	
Solid Book Ledger.	3.00 @ 3.25	
Ledger Stock	2.50 @ 2.75	
No. 1 White News	1.45 @ 1.60	
New B. B. Chips.	.90 @ 1.05	
Manilas-		
New Env. Cut.	2.75 @ 3.00	
New Cut, No. 1.	2.40 @ 2.60	
Extra No. 1 Old	1.10 @ 1.15	
No. 1 Old.	1.05 @ 1.15	
No. 2 Old.	1.25 @ 1.30	
Bogus Wrappers.	1.25 @ 1.35	
Old Krafts	3.25 @ 3.50	
News-		
Strictly Overissue	1.10 @ 1.25	
Strictly Folded	1.05 @ 1.20	
No. 1 Mixed Paper	.95 @ 1.00	
Common Paper	.50 @ .60	

## CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Paper	Bid.	Asked.
Mill Price to Jobbers.		
No. 1 Rag Bond	25 @ 35	
No. 2 Rag Bond	18 @ 22	
Sulphite Bond	10 @ 13	
Cheap Ledger	16 @ 19	
Superfine Writing	20 @ 22	
No. 1 Fine Writing	17 @ 18	
No. 2 Fine Writing	14 @ 15	
No. 3 Fine Writing	11 1/4 @ 12 1/2	
No. 1 M. F. Book.	9 @ 10	
No. 1 S. & S. C. Book	9 @ 11	
Coated Book	10 1/4 @ 12 1/2	
Coated Label	10 1/4 @ 12 1/2	
News-Rolls mill.	4 1/4 @	
News-Sheets mill.	5 1/4 @	
No. 1 Manila.	6 @ 6 1/2	
No. 1 Fibre.	6 @ 6 1/2	
No. 2 Manila.	5 1/4 @ 6	
Butchers' Manila.	5 @ 5 1/2	
No. 1 Kraft.	8 1/2 @ 9	
No. 2 Kraft.	7 @ 8	
Wood Tag Board.	6 @ 7	
Screenings	4 @ 5	
Boards, per ton-		
Plain Chip	55.00 @ 60.00	
Solid News	60.00 @ 65.00	
Manila Lined Chips	70.00 @ 75.00	
Container Liner	90.00 @ 95.00	
Solid Wood Pulp	80.00 @ 85.00	

Straw Board	45.00 @ 55.00	
Filled Pulp Board	70.00 @ 75.00	
Old Papers		
Shavings-		
No. 1 Hard White	5.25 @	
No. 1 Soft White	4.50 @	
No. 2 Soft White	1.50 @ 1.75	
No. 1 Mixed	1.00 @ 1.25	
No. 2 Mixed	1.00 @ 1.25	
Ledgers & Writings	2.85 @ 3.00	
Solid Books	2.50 @ 2.65	
Blanks	1.60 @ 1.75	
No. 2 Books, light.	1.50 @ 1.75	
Extra No. 1 Manila	2.00 @ 2.25	
Manila Envelope		
Cuttings	2.50 @ 2.75	
No. 1 Manilas	1.40 @ 1.50	
Folded News (over-issue)	1.10 @ 1.20	
Old Newspapers	1.10 @ 1.20	
Mixed Papers	1.10 @ 1.25	
Straw Clippings	1.00 @ 1.10	
Binders Clippings	1.00 @ 1.10	
Kraft	2.50 @ 2.75	
New Kraft Cuts.	2.75 @ 3.00	
Roofing Stock, F. O. B. Chicago.		
Net Cash-		
No. 1.	65.00 @	
No. 2.	63.00 @	
No. 3.	61.00 @	
No. 4.	61.00 @	

## PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Paper	Bid.	Asked.
Bonds	11 @ 47	
Ledgers	13 @ 38	
Writings		
Superfine	15 @ 35	
Extra Fine	35 1/2 @	
Fine	17 @ 25	
Fine, No. 2	23 @	
Fine, No. 3	10 @ 12	
Book, M. F.	10 @ 12	
Book, S. S. & C.	12 @ 17	
Book, Coated	12 1/2 @ 17	
Coated Lithograph	12 1/2 @ 14 1/2	
Label	12 1/4 @ 14 1/4	
News	6 @	
No. 1 Jute Manila.	11 1/2 @	
Manila Sul., No. 1	7 1/4 @	
Manila No. 2	5 @ 5 1/2	
Common Bogus	4 1/2 @	
Straw Board	60.00 @ 65.00	
News Board	60.00 @ 65.00	
Chip Board	60.00 @	
Wood Pulp Board	80.00 @ 100.00	
(Carload Lots.)		
Binder Boards-		
Per ton	60.00 @	
Carload lots	55.00 @	



# Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

## NEW YORK IMPORTS

FOR THE WEEK ENDING SEPTEMBER 9, 1919.

Cigarette paper, 1,388 cs.  
Printing paper, 23 cs.  
Wall paper, 10 cs.  
Hangings, 12 cs.  
Hangings, 27 bls.  
Litho paper, 10 cs.  
Filter paper, 11 cs.  
Miscellaneous paper, 22 cs.

### CIGARETTE PAPER.

American Tobacco Co., Chicago, Bordeaux, 300 cs.  
R. J. Reynolds, Chicago, Bordeaux, 1,036 cs.  
Liggett & Myers Tobacco Co., Rochambeau, Havre, 26 cs.  
American Tobacco Co., Rochambeau, Havre, 26 cs.

### PRINTING PAPER.

Defiance Manufacturing Co., Chicago City, Bristol, 23 cs.

### WALL PAPER.

The Prager Co., Rotterdam, R'dam, 8 cs.  
F. L. Kraemer, Rochambeau, Havre, 2 cs.

### PAPERHANGINGS.

W. H. S. Lloyd & Co., Edgemont, London, 12 cs.  
W. H. S. Lloyd & Co., Edgemont, London, 26 bls.  
A. E. Bulkeley, Celtic, Liverpool, 1 cs.

### LITHO PAPER.

J. H. & G. B. Siebold, Euryades, Hongkong, 10 cs.  
J. H. & G. B. Siebold, Euryades, Hongkong, 10 cs.

American Trading Co., Euryades, Hongkong, 9 cs.  
F. L. Kramar, Rotterdam, R'dam, 3 bls.

### FILTER PAPER.

Reeve, Angel & Co., Edgemont, London, 11 cs.

### CASEIN.

Kalbfleisch Corp., Charlton Hall, Buenos Aires, 2,000 bags, 100,000 ks.  
Atterbury Bros, Nippon, Buenos Aires, 1,000 bags, 50,000 ks.

### RAGS, BAGGINGS, ETC.

Castle, Gottheil & Overton, Navarillo, London, 117 bales bagging.  
Brown Bros. & Co., Navarillo, London, 48 bales bagging.  
Brown Bros. & Co., Navarillo, London, 160 bales rags.

Wilkinson Bros. & Co., Rochambeau, Havre, 72 bales rags.

A. Salomon, Inc., Siberian Prince, Havre, 237 bales rags.

A. Salomon, Inc., Siberian Prince, Havre, 373 bales bagging.

A. Salomon, Inc., Siberian Prince, Havre, 27 bales new cuttings.

A. Salomon, Inc., Toronto, Hull, 40 bales new cuttings.

A. Salomon, Inc., Toronto, Hull, 529 bales rags.

Castle, Gottheil & Overton, Toronto, Hull, 234 bales bagging.

Castle, Gottheil & Overton, Toronto, Hull, 590 bales rags.

Brown Bros. & Co., Northern, Havre, 100 bales rags.

R. Goldstein Sons, Northern, Havre, 285 bales rags.

E. J. Keller & Co., Northern, Havre, 1,422 bales rags.

Jebb Bros., Northern, Havre, 536 bales rags.

Castle, Gottheil & Overton, Northern Havre, 1,598 bales rags.

Wilkinson Bros. & Co., Northern, Havre, 865 bales rags.

Brown Bros. & Co., Gothland, Antwerp, 657 bales rags.

Certainteed Products Co., Gothland, Antwerp, 95 bales rags.

Castle, Gottheil & Overton, Gothland, Antwerp, 507 bales rags.

Castle, Gottheil & Overton, Gothland, Antwerp, 79 bales rags and bagging.

### OLD ROPE.

Int'l Purchasing Co., Chicago City, Bristol, 67 coils.

E. Butterworth, Northern, Havre, 227 bales.

Castle, Gottheil & Overton, Northern, Havre, 74 bales.

Int'l Purchasing Co., Northern, Havre, 176 bales.

Int'l Purchasing Co., Wells City, Bristol, 53 coils.

Hennis Bros. Bag Co., Wells City, Bristol, 284 coils.

Union Com'l Nat'l Bank of Cleveland, Rotterdam, R'dam, 406 coils.

### PAPER STOCK.

Castle, Gottheil & Overton, Columbia, Glasgow, 37 bales.

### CHINA CLAY.

Atterbury Bros., Vestalia, Bristol, 2 casks.

Baring Bros. & Co., Ltd., Steadfast, Fomey, 2,507 tons, 6 cwt.

Baring Bros. & Co., Ltd, Bugaya, Fomey, 543 tons, 12 cwt.

Hammill & Gillespie, Bugaya, Fomey, 82 tons, 17 cwt.

Moore & Munger, Bugaya, Fomey, 340 tons, 17 cwt.

Paper Makers Chemical Co. (Boston), Bugaya, Fomey, 39 tons, 13 cwt.

G. Knowles & Son (Trenton), Bugaya, Fomey, 29 tons, 16 cwt.

Luke Knowles (Trenton), Bugaya, Fomey, 50 tons.

## MAY FAVOR CANADIAN PAPER MEN

(Continued from page 13)

signed a few days ago with the Ottawa River Improvement Company, and for those on the Gatineau with the Gilmour and Hughson and Edwards interests. The St. Maurice River Driving and Boom Company took over the works on that river some years ago, and the Chicoutimi and other interests are at present operating the booms and slides on the Saguenay, although the leases have not yet been signed.

### Activity in Paper Stocks

There is more activity in the stocks of the pulp and paper companies on the Montreal Stock Exchange than in the shares of any other industrial group. Practically all the paper stocks have been selling on a rising market. During the past week those most in demand being Spanish River, Wayagamack, Brompton, Howard Smith, and Riordon. The prosperity which all the companies are enjoying is of an exceptional nature compared with the majority of other industrial enterprises.

### May Be Hearst Paper Mill in Canada

The purchase of the Gillies Lumber Mill property in Morristown, Ont., directly opposite Brockville, by interests said to be representing William Randolph Hearst, New York publisher, who, it is said, will erect a mammoth paper mill in the neighboring village, has given rise to much speculation. The site was formerly owned by Gillis Brothers, lumber merchants of Braeside, near Arnprior, who used the plant for their American depot.

The property has been sold by Gillies Brothers directly to a dummy party. They do not say who the purchaser is, but do state that in all probability a paper plant, employing many persons, will be erected on the site.

For a number of years Gillies Brothers conducted a successful lumber and building business at Morristown.

### St. Maurice Paper Company

It is expected that the Union Bag and Paper Company's 75 per cent interest in St. Maurice Paper Company at Three Rivers, Que., will begin to show returns shortly due to the high prices which news print is commanding both in this country and abroad. St. Maurice mills on the St. Maurice river, opposite the site of the new International Paper Co.'s mill at Three Rivers, has a daily output of 100 tons of news print, no small amount as news print mills go.

### Low Water in Eastern Canada

For some weeks past many of the mills in Eastern Canada have had their operations delayed through low water caused by the unusually dry summer. In some instances this has created a temporary power shortage and in other cases it has hampered operations by stranding logs on the way to the mills. During the past few days, however, heavy rains have fallen and the latest reports are that the situation is now considerably relieved.

### Monumental Mistake, Says W. G. McAdoo

SAN FRANCISCO, September 8, 1919.—World Trade Club of San Francisco continues to receive authoritative support in its campaign for world-wide use of metric units.

A strong statement from William G. McAdoo, war-time Secretary of the Treasury and Director of Railroads, has just been transmitted.

At the recent banquet given in New York City by the Pan-American Society of the United States to President Pessoa of Brazil, he declared: "A very important thing is the adoption of the metric system. It was the most unhappy event that the metric system was ever defeated when it came up here—a monumental mistake. If taken up seriously and applied intelligently we could get it transformed in a few years, and it would do more for the development of trade than anything ever yet attempted."

# JOBBER'S

**Our New Prices Surely Will Interest You**

**Krafts  
Manilas  
Tissues**

**Napkins  
Toilet Paper  
Towels.**

**News  
Fibre  
Pattern**

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**NATIONAL PAPER SUPPLY COMPANY**

**NOW** at Washington Place and Mercer Street, New York

WILLIAM B. DILLON

## DILLON & BARNES

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Wood Pulp, Rags and Paper Stock  
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PAPER MAKERS' SUPPLIES  
COTTON, JUTE and FLAX WASTES  
COTTON BAGGING MATERIALS  
EAST INDIA MERCHANDISE



EVERYTHING IN

# PULP & PAPER

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33 West 42<sup>nd</sup> St.  
New York City

(Cable address - Pulp, N.Y.)



## Miscellaneous Markets

Office of the PAPER TRADE JOURNAL,  
WEDNESDAY, September 10, 1919.

**ALUM.**—Alum is maintaining a strong steady price, in a rather bullish market. Both the lump and powdered commodity seem to be in strong demand, but price-alteration has occurred this week. Powdered alum is selling for 4.25@4.50, while lump ammonia brings 4@4.25c.

**BLANC FIXE.**—A strong demand for this commodity brought the market back to its former high prices on blanc fixe in pulp form this week. Heavy shipments of the pulp, and large orders raised the price nearly \$10.00 a ton, blanc fixe, in pulp form, now bringing \$40@50 the ton. For the dry, manufacturers are getting 4.25@4.50c.

**BLEACHING POWDER.**—The status of the market of bleaching powder is unchanged over last week. Prices are steady, with a strengthening tendency, but no changes have occurred recently. Last week's quotations of 2@2.25 for domestic, and 2.25@2.50 for export still prevail.

**BRIMSTONE.**—Demand for brimstone is steady, but with no upward tendency, according to dealers. The prices this week are unchanged, brimstone still selling for \$18 the ton for domestic use, and \$20 for exporting purposes.

**CASEIN.**—Last week's slight increase in casein prices took a sudden drop back to normal this week. The better grade of casein is now selling at 16@17c, while second grade casein is bringing 14@15c.

**CAUSTIC SODA.**—The market rebounded this week in regard to caustic soda, and prices returned to their former height. This week's quotations are 3.40@3.50 for export, and for domestic use, at 60 per cent basis, 2.75@3.25.

**CHINA CLAY.**—No changes in the china clay market have occurred this week. Prices are steady, and with the recent bad weather, are expected to take on a slightly bullish aspect shortly. Prices, however, are unchanged, last week's quotations of 7.50 to 9.50 for crude domestic, and 11.50@12.50 for washed at the mine still prevailing. Foreign clays range from \$15@20 the ton, according to grade.

**ROSIN.**—Slight changes in the prices of rosin this week occurred. Prices are steady, and seem to have found their proper levels. Grade E is selling for \$18.05, F, \$18.25, and G, \$18.60.

**SODA ASH.**—Trade in the soda ash market seems normal this week, with prices steady. Demand is good, but the supply is apparently adequate to supply the market. Last week's prices of 1.90 for soda ash in bags, and 2c, barreled, are still quoted.

**STARCH.**—The starch market is steady, but shows a slightly bullish trend this week. Demand is strong, but no changes in prices have occurred. Prices being quoted by manufacturers, freight prepaid to New York, in carload lots, per 100 pounds, are: Globe starch, in bags, \$5.87; in bbls., \$6.09. Buffalo starch, in bags, \$6.02; in bbls., \$6.24. Eagle finishing starch, in bags, \$6.87. Crystal T. B. starch, No. 90, fluidity (hand packed), in bags, \$6.97; in bbls., \$7.33. Crystal T. B. starch, No. 90, fluidity (machine packed), in bags, \$6.92; in bbls., \$7.18.

**SULPHATE OF ALUMINA.**—A steady, strong demand is evident for sulphate of alumina this week, but as yet no changes in prices have resulted. Last week's quotations of 1.70@1.90 for the commercial grade, and 2.65@2.85 for export still prevail.

**TALC.**—A slight drop in the talc market occurred this week, despite the strong demand which still is in evidence. Prices are \$14@16, a drop of \$2 from last week's quotations.

## To Be Big Chemical Show

Chemical exposition week at Chicago, beginning September 22, gives promise of demonstrating America's progress in the chemical and allied industries in a measure that has been accomplished at none of the previous shows. The exhibits already arranged cover practically every product of these industries capable of being displayed at an exposition of this character, and it is expected that many foreign countries will send representatives to take note of the new developments which the show will bring to light. Estimates now available place the number of delegates and exhibitors likely to participate in the exposition at 20,000, interest being increased by the meetings of four national societies scheduled to be held during the week.

## Market Quotations

(Continued from page 59)

### BOSTON

[FROM OUR REGULAR CORRESPONDENT.]

Paper		These prices are F. O. B. MILL.	
Bonds .....	.13 @	Chip Board (ton) ..	57.50 @ 65.00
Ledgers .....	.18 @	Straw Board (ton) ..	55.00 @ 65.00
Writings—		News Board (ton) ..	67.50 @ 70.00
Superfine .....	.20 @	Wood Pulp Board ..	75.00 @ 87.50
Fine .....	.17 @		
Books, S. & S. C. ..	.10 1/2 @		
Book, M. F. ....	.10 @		
Book, Coated .....	.12 @		
Label .....	.13 @		
News, Sheets .....	.06 @		
News, Rolls .....	.05 @		
Manilas—			
No. 1 Manila .....	5 3/4 @ 6 1/4		
No. 1 Fibre .....	5 1/2 @ 6		
No. 1 Jute .....	.12 @ .12 1/2		
Kraft Wrappings ..	8 1/2 @ 9		
Common Bogus .....	3 @ 3 1/4		

Old Papers	
Shavings—	
No. 1 Hard White ..	5 @ —
No. 1 Soft White ..	3 @ 3 1/4
No. 1 Mixed .....	1 1/4 @ 2
Ledger & Writings ..	2.50 @ 2.75
Solid Book .....	2.60 @ 2.75
Blanks .....	1.15 @ 1.25
No. 2 Books, light ..	1.50 @ 2.00
Extra No. 1 Manila ..	2 @ 2 1/2
No. 1 Manilas .....	1.50 @ 1.75
Folded News (over-	
issues) .....	.85 @ .90
Old Newspapers .....	.80 @ .90
Mixed Paper .....	— @ .75
Gunny Bagging .....	3.25 @ 3.50
Manila Rope .....	.06 1/4 @ .07

### TORONTO

[FROM OUR REGULAR CORRESPONDENT.]

Paper		(Mill Prices to Jobbers)	
Bond .....	13 1/4 @	Sulphite, easy bleach-	87.50 @ 90.00
Light tinted .....	14 1/2 @	ing .....	70.00 @ 75.00
Dark tinted .....	16 @	Sulphite, bleached ..	110.00 @ 115.00
Ledgers .....	18 @ .30	Sulphate .....	87.50 @ 90.00
Writing .....	13 @		
News, f. o. b. Mills—			
Rolls (carloads) ..	\$3.45 @		
Rolls (l. c. l.) .....	3.52 1/2 @		
Sheets (carload) ..	3.80 @		
Sheets (l. c. l.) .....	3.92 1/2 @		
Book—			
No. 1 M. F. (car-			
loads) .....	9.75 @		
No. 2 M. F. (car-			
loads) .....	9.00 @		
No. 3 M. F. (car-			
loads) .....	8.25 @		
No. 1 S. C. (car-			
loads) .....	10.25 @		
No. 2 S. C. (car-			
loads) .....	9.25 @		
No. 1 Coated and			
litho. ....	12.75 @		
No. 2 Coated and			
litho. ....	11.75 @		
No. 3 Coated and			
litho. ....	11.00 @		
Coated and litho.,			
colored .....	13.00 @ 15.00		
Wrapping—			
Grey .....	5.25 @		
No. 1 Manila .....	5.60 @		
Fibre .....	7.35 @		
Kraft, M. F. or			
M. G. ....	9 @		

Pulp		(f. o. b. Mill.)	
Ground Wood .....	\$30.00 @ \$32.00		

Old Waste Papers	
(In carload lots, f. o. b. Toronto)	
Shavings—	
White Env. Cut. ..	4.30 @ —
Soft White Book ..	4.00 @ —
Shavings .....	4.00 @ —
White Bl'k News ..	1.45 @ —
Book and Ledger—	
Flat Magazine and	
Book Stock (old) ..	1.50 @ —
Light and Crum-	
pled Book Stock ..	1.25 @ —
Ledgers and Writ-	
ings .....	2.20 @ —
Solid Ledgers ..	2.45 @ —
Manilas—	
New Manila Cut. ..	3.40 @ —
Printed Manilas ..	1.15 @ —
Kraft .....	3.00 @ —
News and Scrap—	
Strictly Overissue ..	.95 @ —
Folded News .....	.80 @ —
No. 1 Mixed Pa-	
pers .....	.70 @ —
Domestic Rags—	
Price to mills, f. o. b. Toronto.	
	Per lb.
No. 1 White shirt cuttings ..	.14
No. 2 White shirt cuttings ..	.12
Fancy shirt cuttings .....	.09 1/2
No. 1 Old blues .....	.06 1/2
Thirds and whites .....	.04 1/2
	Per cwt.
Black stockings .....	3.25
Roofing stock No. 1 .....	3.15
Roofing stock No. 2 .....	3.00
Gunny bagging .....	3.75
Manila rope .....	3.50



# The Mathieson Alkali Works, Inc.

WORKS AT

SALTVILLE, VIRGINIA, and at  
NIAGARA FALLS, NEW YORK

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## “Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

Packed in Steel Drums, air tight, insuring full strength at point of consumption

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## LIQUID CHLORINE

Pure, anhydrous, in improved and convenient packages.

### Soda Ash

48 per cent. and 58 per cent.

### Caustic Soda

60 per cent., 70 per cent., 72 per cent., 74 per cent., 76 per cent.; also 78 per cent. Our 78 per cent. Caustic Soda is an article of greater purity than has ever before been produced in a commercial way, analyzing 99.70 Hydrate of Soda

### Bicarbonate of Soda

Packed in Kegs, Barrels or Bags; also Cases

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PHILADELPHIA: Delaware Ave. and Green St.    CHARLOTTE, N. C.

# Want and For Sale Advertisements

## HELP WANTED

Minimum rate for advertisements of 25 words or less, first insertion \$1.00. Situations Wanted, 4 cents a word for first insertion and 2 cents a word for each subsequent insertion of same ad. No ad of less than 25 words taken.

Help and Miscellaneous Wants, and small For Sale Ads, 4 cents a word for each and every insertion. No ad of less than 25 words taken.

Answers can be forwarded care Paper Trade Journal, and will be promptly forwarded without extra charge. All should be sent to the New York office, 10 East 39th street. And all should be addressed as the advertisement directs in every case and not simply to the paper.

CASH MUST ACCOMPANY ORDER.

**WANTED**—A good back tender on water finished fibre. Two tour mill. Speed 850 to 400 feet. Address Box 1591, Paper Trade Journal. **tf**

**WANTED**—Machine tenders, back tenders and beatmen in mill making Chip, Board and Wrappers, near Philadelphia. Address, Box 1532, care Paper Trade Journal. **S11**

**WANTED**—Manager for one machine Mill making medium and heavy weight wrapping. Correspondence confidential. Address, Box 1533, care Paper Trade Journal. **S11**

**WANTED**—A machine tender for wet machines on Binders Board. Good pay, steady employment. American Seat Corporation, 540 Van Alst Ave., Long Island City. **S11**

**WANTED**—Machine Tender on rope stock. Three cylinder machine running on Cement and Lime sack paper. Man must be steady, sober and industrious. This is a good position and prefer a man who will locate here. Address, Box 1553, care Paper Trade Journal. **S11**

**WANTED**—Man familiar with the manufacture of gummed paper and cloth. Knowledge of waterproofing papers also desirable. Excellent proposition for right man. Negotiations strictly confidential. Address, Box 1470, care Paper Trade Journal. **S29**

**WANTED**—In small mill in Middle West, making 20-lb. bread wrappers, one good cylinder machine tender, one good back tender, one beaterman, one operator for a Mayer Wax machine, one operator for Cameron Winder, also one Union pressman for Kidder Rotary Press, on bread wrappers. Good position for right party. References required with first letter. Address, Box 1526, care Paper Trade Journal. **S11**

**MIDDLE STATES MILL** has opening for Beaterman experienced in coloring. Only capable men need apply. Three tour system. Furnish references when making application. Address, Box 1530, care Paper Trade Journal. **S11**

**WANTED**—First class Beater Engineer for Mill making rope and jute papers. Eight hours. Address, Box 1531, care Paper Trade Journal. **S11**

## WANTED

One (1) 96" to 100" face Calender Stack. The Shartle Brothers Machine Co., Middletown, Ohio.

S-4

## HELP WANTED

**WANTED**—Finishers. Two good finishers for Box Board Mill in Central West, two tours, good pay, in fine city of twenty-five thousand, good working conditions, transportation furnished. Write, Box 1555, care Paper Trade Journal. **S18**

**WANTED**—Designing engineer, experienced in Sulphite, Soda and Paper Mill Work. Applicants should state fully education, experience, salary earned and expected, and should send copies of references. Permanent and responsible position for the right man. Address Box 1556, care Paper Trade Journal. **S11**

**WANTED**—Beater Engineer with experience in coloring on fibre papers. Position with good firm. Are paying 80c. per hour. Only reliable men need apply. Address, Box 1559, care Paper Trade Journal. **S18**

**MACHINE TENDER WANTED**—Experienced on cylinder machine running principally news board and chip board. Mill located close to large city. Must be sober and industrious; married man preferred; steady work the year round. Address, Box 1560, care Paper Trade Journal. **S18**

**SUPERINTENDENT**—51 years of age; 18 years' experience as Superintendent making Wrappings, Kraft, News, Chips and Test Boards. Will go anywhere. Married. Address, Box 1457, care Paper Trade Journal. **S25**

## WANTED AT ONCE

LARGE BOARD MILL HAS EXCELLENT OPPORTUNITY FOR A

## MASTER MECHANIC

having paper mill experience, also experienced with boilers, engines, piping and general maintenance work. Must be a good leader of men. Only 1st class men need apply. Address Box 1579, care Paper Trade Journal. **S-18**

## WANTED AT ONCE

LARGE BOARD MILL HAS GENUINE OPPORTUNITIES FOR THE FOLLOWING:

### SUPERINTENDENTS

### ASS'T SUPERINTENDENTS

### TOUR BOSSES

### MACHINE TENDERS

### BEATER MEN

Owing to our policy of expansion and our rapid growth, we will need men who are looking for a reliable connection and who can grow with us. Mill is located in a progressive town in vicinity of Niagara Falls, Ontario. Schools, Churches and living conditions are all that could be desired. Only first class men need apply. Highest wages and best of working conditions. Transportation paid. Address Employment Department, Beaver Board Companies, Buffalo, N. Y., giving full particulars. **S-25**

## HELP WANTED

**AN EXPERIENCED** papermaker wants a position as superintendent or assistant on Box Board, Bristol, Tag or Sack Paper. Well up on test. Address, Box 1479, care Paper Trade Journal. **S11**

**WANTED**—Three Beater Engineers for three machine mill on light weight specialties, three tower shift, good wages, steady, competent and reliable men required. Address, Box 1576, care Paper Trade Journal. **S-18**

**WANTED**—Experienced Mill Manager, one familiar with Fourdrinier and Cylinder specialties, also with ability to handle general sales. Address, Box 1577, care Paper Trade Journal. **tf**

**WANTED**—Young man for drafting room and laboratory in Sulphate Pulp Mill. State age, experience and salary expected. Address, Box 1578, care Paper Trade Journal. **S-25**

**WANTED**—Experienced man to run Dewey Striker ruling machine, brand new, and take full charge of ruling department. State experience, references and salary expected. Address, Dillingham's, Bangor, Maine. **S-11**

**WANTED**—A live sales organization to handle a line of waxed papers and specialties in Chicago and vicinity on a commission basis. Excellent opportunity for the right concern. State trade calling on as well as experience. Address, Box 1550, care Paper Trade Journal. **S-11**

## PAPER SALESMEN

We desire to secure two alert, ambitious salesmen to sell in New York for a large paper house with extensive stock, preferably with paper sales experience. Answer giving age and experience, also salary or commission expected. Replies will be treated in strictest confidence. Address Box 1496, care Paper Trade Journal. **tf**

## FOR SALE

**BOARD MACHINE**—six cylinder 36" x 80", 5 baby presses, three presses, 61 dryers, two stacks calenders, duplex cutter and Marshall drive.

**PAPER MACHINE**—1 72" Fourdrinier, two presses, 15 dryers, 36" x 69" Marshall drive.

**BOARD MACHINE**—five cylinders, 30" x 72", three presses, 23 dryers, 36" x 66" calenders, cutter and Marshall drive.

**PULP DRYING MACHINE**—two molds, 30" x 77", three presses, 37 dryers, 48" x 68", Marshall drive.

**MACHINE CALENDERS**—1 84" nine roll, 1 82" nine roll, 1 72" nine roll, 1 68" five roll, 1 48" five roll, 1 37" five roll.

**SUPER CALENDERS**—1 62" Norwood, 1 60" Norwood cotton rolls, 1 53" Holyoke, 1 45" Norwood, 1 43" Holyoke.

**SLITTERS AND WINDERS**—1 127" Kidder, 1 108" Kidder, 1 103" Langston, 1 80" Kidder, 1 38" Kidder.

**PAPER SHEET CUTTERS**—1 112" Finlay, 1 108" Horne, 1 104" E & C, 1 84" Beloit duplex, 1 62" Horne, 1 53" Finlay, 1 48" Finlay, 1 42" Finlay.

**REAM CUTTERS**—1 50" Dayton Seybold, 1 48" Acme, 1 46" Sheridan, 1 36" Sheridan.

**BEATERS**—2 52" x 52" Hornes, 1 53" x 52" Emerson, 1 48" x 48" Horne, 1 48" x 48" Downingtown, 1 45" x 66" Umpherston, 1 No. 1 Claffin.

**JORDANS**—1 Jones Wag Majestic with base, 1 Emerson "Special", 1 Noble & Wood with base, 1 Emerson with base, 1 Smith & Winchester without base.

**PUMPS**—1 Deane triplex power water pump 10" x 10", 2 Deane triplex stuff pumps 8" x 8", 2 Pusey & Jones double stuff pumps 8" x 10", 1 10" Worthington centrifugal, 3 4" centrifugals, 3 3" centrifugals.

**SCREENS**—2 ten plate packers.

**WET MACHINE**—2 84" Sandy Hill Iron & Brass, 1 72" Bagley & Sewall hydraulic.

**BOARD CALENDER**—1 Horne two rolls 48" x 48".

**FRANK H. DAVIS**  
175 Richdale Ave., Cambridge, Mass

**HELP WANTED**

**WANTED**—Boss Machine Tender for a one machine Harper tissue mill in Pennsylvania. Apply by letter, giving experience, age and wages desired. Address Box 1511, care Paper Trade Journal. S-11

**WANTED**—Machine tender for Harper tissue mill, two tours. Apply by letter giving experience, age, and whether married or single. Address Box 1512, care Paper Trade Journal. S-11

**WANTED IMMEDIATELY**—Superintendent for waxed paper and printing establishment in the Middle West; most modern and up-to-date factory. Salary \$85 to \$100 per week to start. Immediate and permanent position for a man who can produce quality and results. Address answers, which will be treated absolutely confidential, stating age, experience and references, to Box 1535, care Paper Trade Journal. S25

**MACHINE TENDER** wanted on Book and Writing. Two tours. No one but A-1 Machine Tender need apply. Address, Box 1586, care Paper Trade Journal. S18

**WANTED**—Good, sober, steady machine tender for Boxboard Mill. Good wages to right party. Apply, Box 1587, care Paper Trade Journal. S25

**SITUATIONS WANTED**

**A SUPERINTENDENT** having fifteen years' experience on Board, Wrapping, Roofing and Bag Papers, wishes a position as day or night boss. Can furnish good references. Address, Box 1433, care Paper Trade Journal. S25

**WANTED**—Position as Mechanical Superintendent, by practical man, experienced in both Construction and Maintenance of paper mills. Correspondence solicited. Satisfactory references furnished. Address Box 1517, care Paper Trade Journal. S11

**A YOUNG, AGGRESSIVE** and responsible sales agency seeks permanent mill connections, particularly with manufacturers of Kraft and Book. Address, Box 1482, care Paper Trade Journal. S1

**SALESMAN**—New York City, who can produce large volume of paper business, wants to make connection with a Mill Agency Company or would represent a Mill with good capacity. Substantial drawing account on commission basis. Address, Box 1561, care Paper Trade Journal. S25

**YOUNG MAN**, married, age 27, wishes to represent a mill making Grease Proof, News and Manila. Acquainted with the jobbing trade in New York for the past eight years. Also in New Jersey and Philadelphia. Address, Box 1563, care Paper Trade Journal. S18

**Your Opportunity**

Wanted **TWO FIRST CLASS SALESMEN. MUST BE ABLE TO SELL PAPER BAGS and TOILET PAPER.** One with Headquarters at Chicago and one to travel Eastern Territory. Salary commensurate with your **ABILITY.** H. Norwood Ewing Co., Woolworth Building, New York City.

**SITUATIONS WANTED**

**YOUNG MAN** now employed as superintendent and in strict charge of everything pertaining to one of the plants of a large company, wishes to correspond with parties in need of good live, practical man to, preferably, manage mill. Will take Superintendent's position providing advancement is good. Experience in Sulphite and Ground Wood Plants; also News, Wrappings, Fibres and Boards. Has run largest and fastest machines. Can manage office. Will furnish references from big men in the business. Strictly temperate. Progressive in every way. Address, Box 1562, care Paper Trade Journal. S11

**SUPERINTENDENT**—With twenty years' experience on News and Hanging, open for position. Capable and efficient. Best of references. Prefer Mill with ground wood attached. Address, Box 1564, care Paper Trade Journal. N27

**DISCHARGED OFFICERS**

Are valuable men to use in **YOUR organization**  
HIGH CLASS EXECUTIVES  
ENGINEERS AND  
TECHNICAL MEN

have broadened and increased their value by special **ARMY and NAVY** training.

War time experience has speeded up their thinking ability. They are better workmen, better organizers, better managers.

**GIVE THEM JOBS**

Free Re-Employment Bureau of New York City  
FOR SOLDIERS, SAILORS AND MARINES

505 Pearl Street, New York City  
Phone Worth 9250  
PROFESSIONAL AND TECHNICAL DIVISION

The  
**Paper Trade Journal's**

**WANT COLUMN**

will get rid of that surplus material you have on hand. Others have tried it with great success.

**WHY NOT YOU?**

**SITUATIONS WANTED**

**EXECUTIVE** and salesmanager desires a strong connection where he can create or develop a Paper Specialty Department. Address, Box 1565, care Paper Trade Journal. S11

**BEATERMAN** all around and experienced. Wants position. Three tours, hard or soft stocks for light or heavy papers, Tissues, Books, Ledgers, Onion Skins, Wrappings, etc. Off-the-plate or Marshall Finish. Sober and reliable; references. Address, Papermaker, 5 Avon Place, Holyoke, Mass.

**ENVELOPE** manufacturers attention. A man of 24 years' experience from adjusting to having full charge wishes a position. Address, Box 1571, care Paper Trade Journal. S18

**COATED PAPER SUPERINTENDENT** and expert colormixer, many years experience in the manufacture of all kinds of coated and fancy printed papers, desires position. Address, Box 1573, care Paper Trade Journal. S11

**SUPER-CALENDAR MAN**, fifteen years experience, capable of taking charge of room. Best of references. Address, Box 1581, care Paper Trade Journal. S-11

**SUPERINTENDENT** desires to make a change. Am well up-to-date in the manufacturing of Book and Writing made from old papers. Also Sulphite Bond and paper for waxing and Parchment. Address, Box 1582, care Paper Trade Journal. S-25

**PROGRESSIVE MAN**, 12 years experience in domestic and foreign papers, desires to become selling agent for mills that contemplate opening Eastern Sales Office. Address, Box 1541, care Paper Trade Journal. S-25

**FOR SALE**

- BEATERS**—One 61"x48", Five Jones, One Downingtown, Two Horse, One 50"x60", Several 72"x44". Two Clarks Bedding Engines.
  - BED PLATES**—Circled to diameter of roll.
  - CALENDERS**—One 7 roll stack 72" face, Two 9 roll stack 72" face, One 9 roll 63" face, One 9 roll 64" face.
  - COATERS**—Two 56" Waldron coaters.
  - CUTTERS**—Two 48" Finlay cutters newly rebuilt with brand new Hamblet expansion pulley drive, 36" shafts cutter, 38" gallicotine cutter.
  - CYLINDER MOUNDS**—One 30"x64", one 30"x64", both rebuilt, ready for quick shipment. One new 30"x64".
  - DRIVES**—One Reeves No. 4, Class H, one Reeves No. 9, Class H, one Moore & White No. 10.
  - DRYERS**—1 36"x76", 1 36"x68", 1 24"x120", also twenty brand new shells 48"x90", and ten new shells 48"x102".
  - EVENERS**—Two Moller eveners.
  - JORDANS**—1 Mammoth Jr., several Emerson and Horse type Jordans.
  - MACHINES**—One 2-cylinder machine for 56" trim, 28" dryers, One 72" Harper fourdriner.
  - PULLEYS**—One 97" dia. 24" face double arm, modern pulley. One set cone pulleys, 40"x31"x23" face. One set cone pulleys, 40"x31"x18" face. Also large stock of iron pulleys, including some cone pulleys for Marshall drives. New wood pulleys with friction clutches.
  - PUMPS**—One dry suction pump single vacuum, 12x32x18 Knowles, one 1,000 gallon Blake tank pump, several 7" and 8" Lawrence Machine Company, Class A, high duty pumps; fan pumps, new stock pumps, single and double.
  - PRESS ROLLS**—Large number of different sizes on hand. Some suitable for rubber covering.
  - ROTARIES**—One 14" Globe, one 84"x32" horizontal in good condition, ready for immediate shipment.
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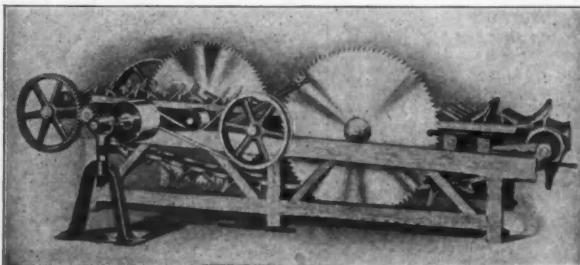
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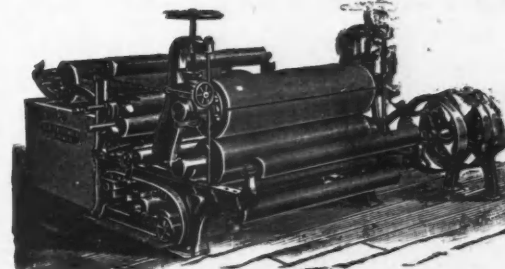
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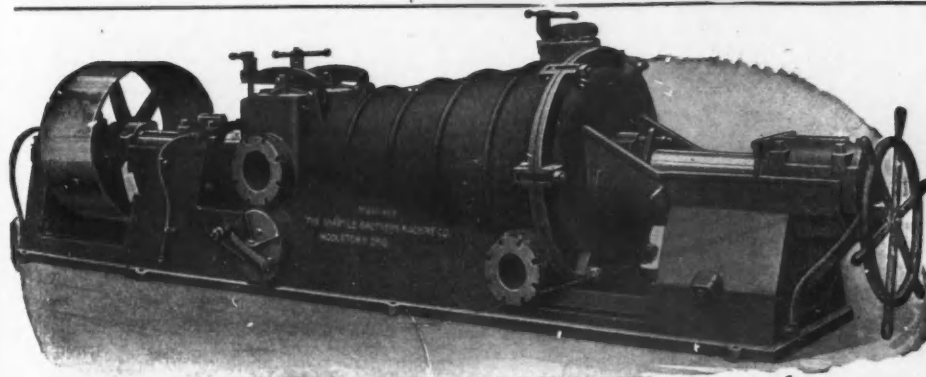
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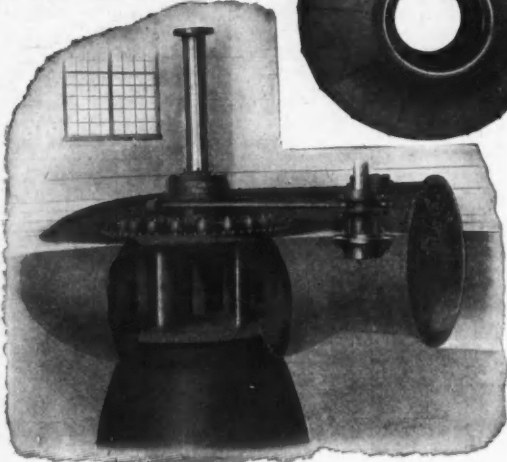


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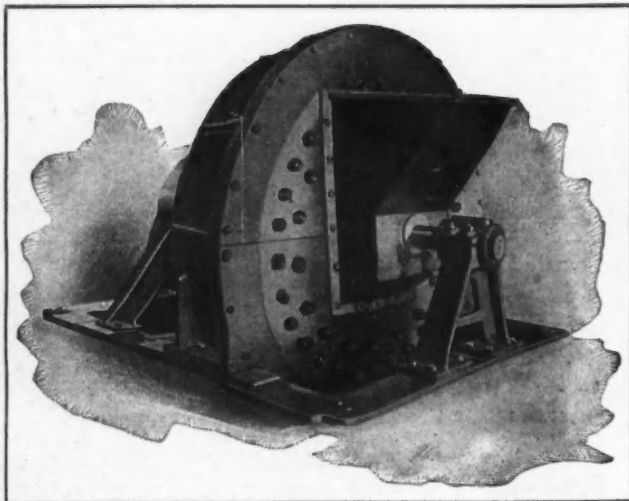
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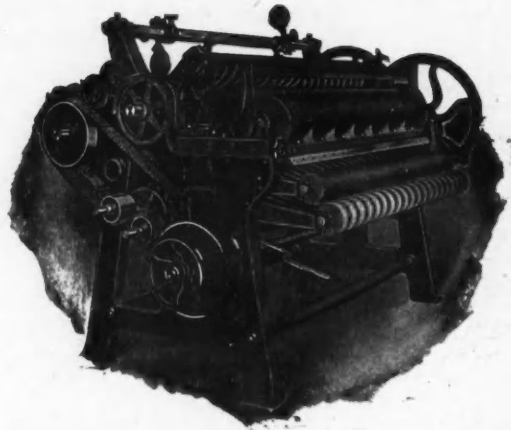
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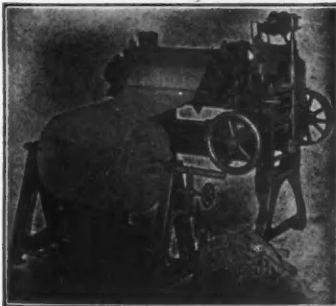
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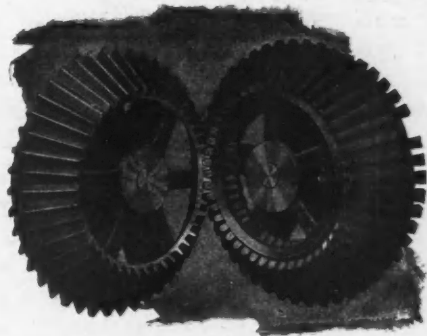
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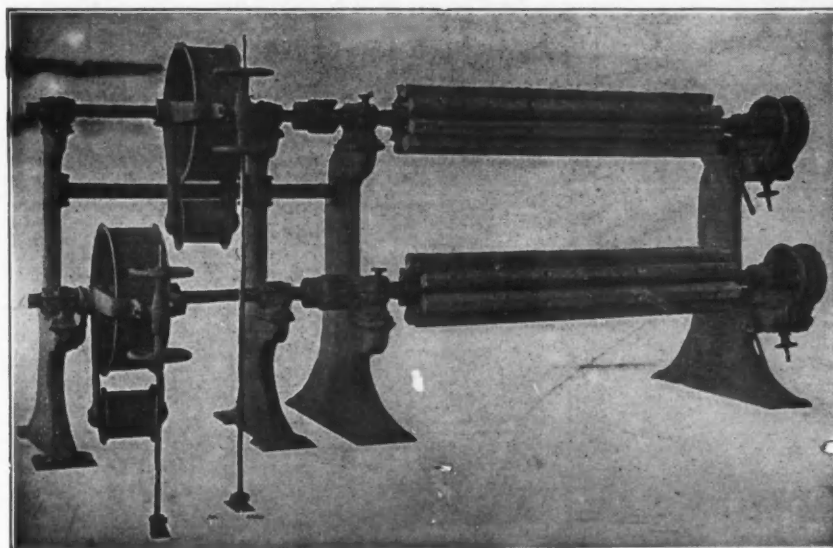
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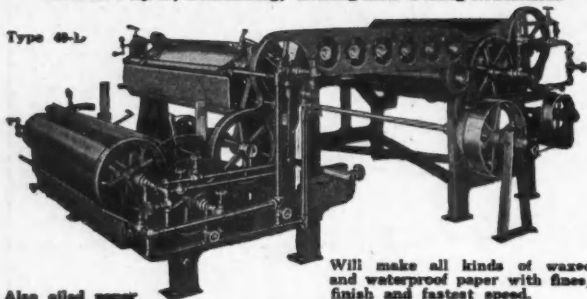
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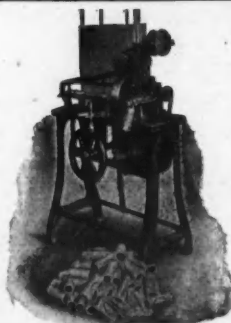
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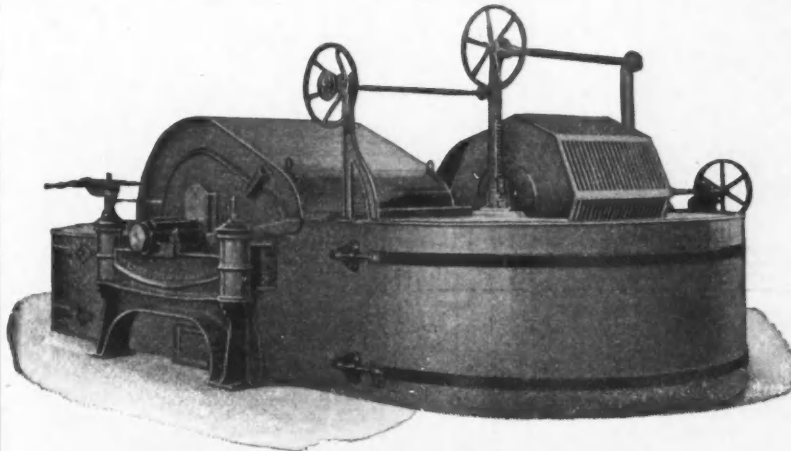
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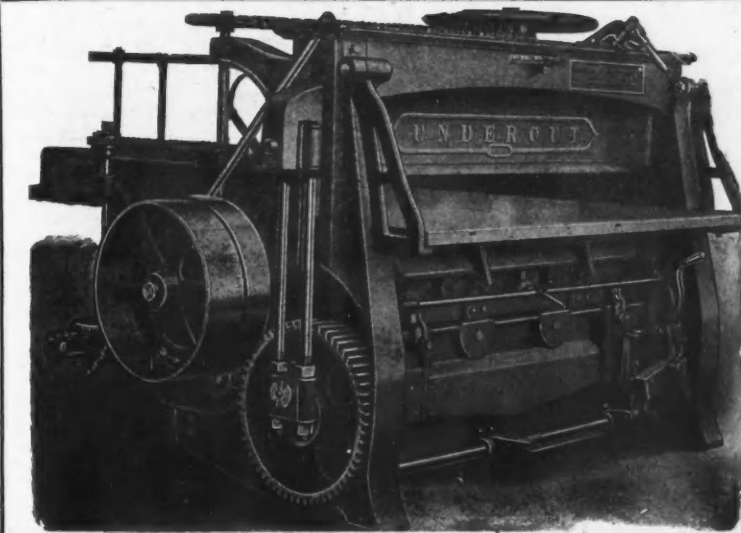
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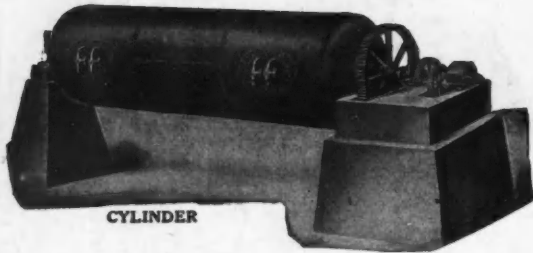
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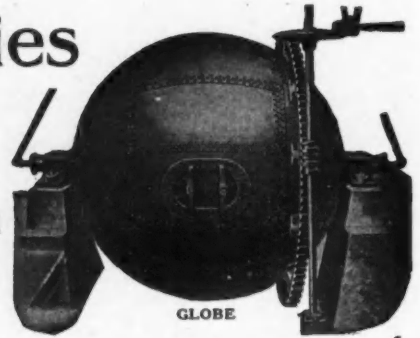
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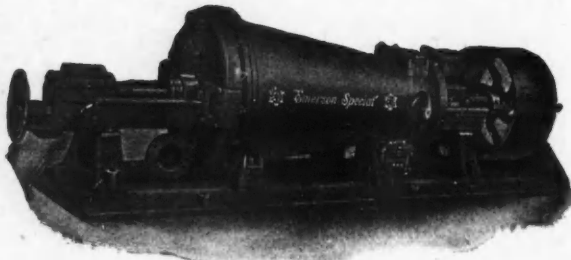


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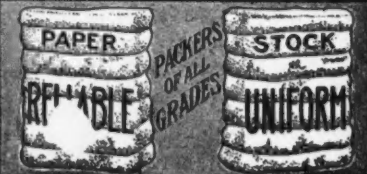
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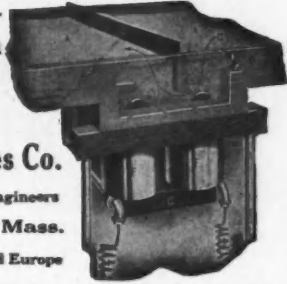
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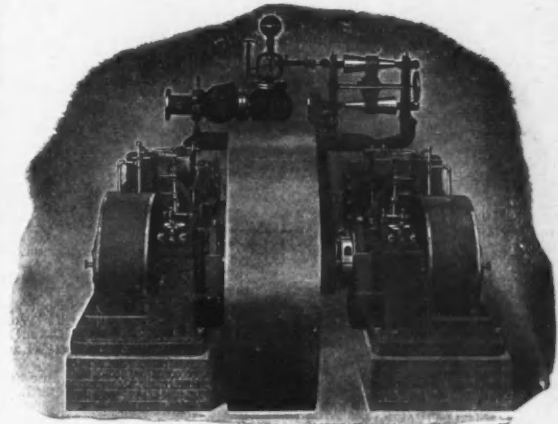
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