

MEMBER OF THE A. B. C.

FORTY-SEVENTH YEAR

PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

ESTABLISHED IN 1872

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Vol. LXVIII. No. 12 NEW YORK AND CHICAGO, MARCH 20, 1919

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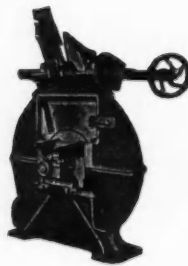
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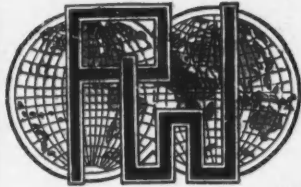
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PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

FORTY-SEVENTH YEAR

PUBLISHED EVERY THURSDAY BY THE

LOCKWOOD TRADE JOURNAL COMPANY, INC.

LESLIE R. PALMER, President

J. W. VAN GORDON, Vice-President

Telephone { 2380 }
 { 2381 } Vanderbilt
 { 2382 }

10 EAST 39TH ST., N. Y., U. S. A.

Cable Address: Catchow, New York

Western Publication Office—431 S. Dearborn Street, Chicago
New England Office—Room 46, 127 Federal Street, Boston

Washington Office—L. M. Lamm, 63 Home Life Bldg.
Western New England News Office—A. W. Anders, Holyoke
London Office—Stonhill & Gillis, 58 Shoe Lane

The PAPER TRADE JOURNAL is the pioneer publication in its field, and has for many years been the recognized Organ of the Paper and Pulp Industry. Its circulation is greater than the combined circulations of all other publications in the field. Entered at New York Post Office as second-class mail matter.

Terms of Subscription

UNITED STATES AND MEXICO.....Per year, \$4; 6 months, \$2; 3 months, \$1
CANADA AND FOREIGN COUNTRIES IN POSTAL UNION.....Per year, \$6
SINGLE COPIES10 cents

Other Publications of Lockwood Trade Journal Company, Inc.

AMERICAN STATIONER AND OFFICE OUTFITTER (Weekly).....Per year, \$2
LOCKWOOD'S DIRECTORY OF THE PAPER,
STATIONERY AND ALLIED TRADES (Annual) }.....Per copy, \$5

Vol. XLVIII. No. 12.

NEW YORK AND CHICAGO

Thursday, March 20, 1919

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INTEREST INCREASES IN HEARING ON MISBRANDING

Book and Writing Paper Manufacturers Manifest Concern Regarding the Alleged Evils on Which the Federal Trade Commission Has Set a Hearing for March 28—Paper Men Are Entirely Opposed to the View That They Are Misbranding When They Use Such Words as "Linen," "Bond," "Japanese," etc.—Owing to Insufficient Funds, Commission May Discontinue Monthly Paper Statistics.

[FROM OUR REGULAR CORRESPONDENT.]

Washington, D. C., March 17, 1919.—The paper trade throughout the country, according to reports reaching here, is becoming more and more interested in the hearing which is to be held here next week, March 28, before the Federal Trade Commission as to the alleged "misbranding" of paper by manufacturers.

Apparently, from some of the letters being received by the commission, many of the paper manufacturers are entirely opposed to the view taken by officials of the commission that they are "misbranding" when they use the word "linen," "bond," "Japanese" and other such trade names. It is hard for the paper trade to realize that a custom which has grown up with the trade might be "misbranding," and yet that is the position taken by officials of the commission.

This is not the first time that cases of this kind have been taken up by the commission, similar cases having been disposed of in the case of the manila rope manufacturers, as well as of oakum, etc. In these cases the commission has been able to make the trade see the situation as it has. Apparently the trade commission has authority, under its act of organization, to force its view upon the paper manufacturers.

To Have Hearing on Misbranding

As briefly announced in last week's issue of the PAPER TRADE JOURNAL, the Federal Trade Commission has asked certain book and writing paper manufacturers to attend a hearing here on March 28 in connection with misbranding. In its letter in this connection the Commission says:

"An investigation by the Commission has disclosed that a number of writing-paper and book-paper manufacturers and selling agents have been using names and terms for their various brands and styles of paper that appear to be deceptive and misleading. This improper use of names and terms may be divided into three groups, as follows:

"(1) Names that give the impression that a particular paper is made abroad, although it is really of domestic manufacture. Within this category would seem to come all foreign geographical names, whether nouns or adjectives, such as 'Japan,' 'Holland,' 'Scotch,' 'French,' 'Italian,' or 'Egyptian,' used as a part of a name.

"(2) Words indicating that the paper is made of some textile fiber, or some other specific material, when that is not the case. Among such words are 'Linen,' 'Madras,' 'Nainsook,' 'Vellum,' 'Parchment,' and the like.

"(3) Such words as 'Bond,' when applied to paper not of that quality, and the terms 'Handmade' and 'Woven,' when those terms do not truthfully describe the product.

"We are familiar with the defense urged by some manufacturers, that from long continued use many of the terms and names used have taken on a secondary meaning, especially to those in the trade; that there is no deception, because those buying the paper know that the terms used are merely facied names, intended to mean nothing; and that buyers, through their skill and knowledge can determine what a paper is regardless of the name, and are there-

fore not deceived. While to a degree this may be true, the fact remains that the words and names are used falsely, and although the majority of purchasers may not be deceived, there are undoubtedly others who may, and the entire public is entitled to protection.

"To correct such evils the Commission can proceed either by complaint against each offender or can arrange an agreement with as many as possible to discontinue the improper conduct. It is thought best in this case to offer to all of the manufacturers and dealers an opportunity to be heard on the subject, with the ultimate purpose of entering into an agreement to cease the misbranding of misleading names."

The Commission has therefore called a hearing for March 28, at which the paper manufacturers and jobbers have been asked to appear.

May Discontinue Paper Schedules

Owing to the fact that Congress failed to appropriate sufficient money, the force of the Federal Trade Commission is being considerably reduced. Because of this, it is entirely probable that within the next couple of weeks some of the monthly paper statistical schedules which have been compiled by the Commission will have to be discontinued. Up to this time no decision has been made as to which of the schedules will be retained.

Glazed Paper Men to Confer

A committee from the Glazed and Fancy Paper Manufacturers' Association and the Card Board Manufacturers' Association is to have a conference here on Thursday of this week with the Industrial Cooperation Service of the Department of Commerce. It is understood that the paper and card board men are bringing down revised trade customs to get the approval of the department.

Work of Paper Laboratory

The work of the paper laboratory of the Bureau of Standards has been somewhat handicapped during the past month because of the fact that the laboratory is moving into new quarters and the machinery had to be dismantled. No new experiments were taken up during the month on the paper machine and the laboratory officials do not expect to undertake any new experiments which require any great length of time until they are thoroughly established in their new quarters.

The investigation of paper-making figures as a definite research problem was begun last month and an outline made for the continuation of this work. The investigation will include permanent microscopic slides and specimen of the various paper-making fibers.

The unusual testing work of the laboratory has been done during the month and 167 samples of paper were tested for the Government departments and 28 samples for various concerns outside of the Government.

Labor Statistics on Paper Mills

The Bureau of Labor Statistics received replies from 33 paper manufacturers telling of the employment in November, 1917 and 1918. According to the replies there were 22,898 persons employed in the 53 mills in November, 1917, declining very slightly in November, 1918, to 22,694, or a decrease of 9 per cent. The payrolls in these establishments, on the other hand, increased from \$417,495 in November, 1917, to \$467,824 in November, 1918, showing an increase of 12.1 per cent.

Replies were also received by the Bureau from 53 paper mills showing the employment in October and November, 1918. In October, 1918, there were 21,484 persons employed in the 53 mills, increasing in November, 1918, to 22,694, showing an increase of 5.6 per cent. The payrolls, on the other hand, decreased from \$474,601 in October to \$467,824 in November, or a decrease of 1.4 per cent.

The Bureau has the following to say in connection with the changes in wages in the paper-making industry in November, 1918:

"An increase of 12 per cent was granted to 20 per cent of the force in one establishment, one plant gave an increase of about 10 per cent to about 25 per cent of the force, a third plant reported an increase of 10 per cent to 14 per cent of the employees, and in another establishment an increase of about 9 per cent was granted to about 9 per cent of the workers. An increase of approximately 5 per cent was given to all of the employees in one plant."

Tissue Paper Syndicate Incorporated

The Tissue Paper Syndicate, which will specialize in high-grade toilet paper, has been incorporated under the laws of New York State, with capital placed at \$25,000. The incorporators are: President, M. P. Weinberg, and secretary and treasurer, M. J. Weinberg, both of which gentlemen are interested in several other enterprises. The offices of the new firm have been established at Fourth and Lafayette streets, New York City.

The Messrs. Weinberg are well known among both the jobbers and manufacturers and have a host of friends from coast to coast.

The trade undoubtedly will be interested to learn that this corporation is increasing its manufacturing facilities by installing additional machines at its New York City plant, besides placing several machines at the mills. The entire mills' production of the Jumbo Tissue Rolls will be consumed by this company, thus assuring the trade with the most efficient service.

The two leaders of the firm, Tipasaki—1,000-sheet roll, and Dandy, a 2,000-sheet roll, has already been recognized among the wisecracks of the trade as unusual values. These brands are being offered at rock bottom prices.

A. E. Dubey Heads Paper Association

At the annual meeting of the Paper Association of New York, held on Tuesday evening, March 11, A. E. Dubey, C. W. Ballard and Nicholas J. Barrett were elected directors to serve for three years.

At a subsequent meeting of the board of directors the following officers were elected: President, A. E. Dubey; first vice-president, Alfred Kinn; second vice-president, Nicholas J. Barrett; treasurer, K. S. Warner; secretary, Fritz Lindenmeyr.

There was no particular business transacted, except the receipt of reports from various officers, and the president was authorized to appoint a committee to attend a hearing before the Federal Trade Commission on March 28 on the subject of the misbranding of paper.

First Paper Is Made in Tacoma

TACOMA, Wash., March 14, 1919.—Paper manufacturing in Tacoma became a reality and another new industry formally took its place in Tacoma's growing industrial ranks when the first roll of paper was turned out at the Cascade Paper Company's new plant at Chambers Creek last week. It marked the culmination of months of hard work on the part of officers of the company in getting their plant built, the machinery here and installed and ready to run. When the first pulp was put into the beaters and the machinery started the mill proved itself a complete mechanical success.

The company will at once begin work on an order for 100 tons of high grade machine-finished book paper for New Zealand, which will be the first of the mill's orders to be filled. A specialty will be made of high grade book paper for which the officers of the company say there is a wide market, both at home and abroad.

Mars Paper Co. to Erect Office Building

WESTFIELD, Mass., March 17, 1919.—Plans have been prepared by the Mars Paper Corporation, which recently bought the upper Crane mill, for a modern office building, 14x28 feet, of brick and wood, stucco effect, opposite its manufacturing plant on the Granville Road. Alterations are also being made to a farmhouse

across the road from the factory for the superintendent and his family.

News Print Conference at Murray Hill Hotel

A conference between news print manufacturers and labor leaders was held at the Murray Hill Hotel Tuesday. This conference was called for the purpose of discussing labor problems and the fourteen points which were recently brought up by J. T. Carey, president of the International Brotherhood of Paper Makers.

After much discussion it was concluded that a joint committee of both laborers and manufacturers be appointed to ascertain from the Government facts about living conditions, and to find out from the War Labor Board when that body's jurisdiction over the matter ends. This committee is given until April 18 to determine these facts, and on that date another meeting will be held.

Defiance Co. to Build New Pulp Mill

[FROM OUR REGULAR CORRESPONDENT.]

NIAGARA FALLS, N. Y., March 17, 1919.—Plans and specifications have been made for a new pulp mill which the Defiance Paper Company intends to erect in the rear of its big plant at the foot of Second street, to replace the old pulp mill which was torn down a few months ago to make way for the enlargement of the hydraulic basin for the purpose of increasing the power of the Niagara Falls Power Company. The new mill is estimated to cost \$18,000. The plans have been given to contractors for proposals. The work will be begun as soon as the weather permits, and it is expected the mill will be placed in operation next fall.

New Plant for Menasha

MENASHA, Wis., March 17, 1919.—Another large manufacturing plant is to be added to Menasha's fast increasing list. The Peerless Paper Products Company of this city has closed a deal for the purchase of a tract of land owned by Louis Ellinger on the east shore of Little Lake Butte des Morts, west of Tayco Street, upon which a paper mill is to be erected. The company has been purchasing its supplies from other mills, but now plans to manufacture its own product. The site is an ideal one and, at a meeting of directors of the company today, it was decided to start work on the new building at once.

National Waste Material Dealers Meet

The annual meetings and convention of the National Association of Waste Material Dealers were held at the Hotel Astor, New York, on Tuesday and Wednesday of this week. The meetings were largely attended and business of a routine nature was discussed.

On Tuesday meetings of the various groups were held, and these included meetings of the paper stock division, the waste paper division and the foreign trade division. On Wednesday at 10 a. m. the annual business meeting of the association was held, with President Emanuel Saloman in the chair. The annual banquet was held on Wednesday evening.

Resigns from Eaton, Crane & Pike

PITTSFIELD, Mass., March 17, 1919.—Capt. Robert O. Nicolai, manager of the department of new goods at the Eaton, Crane & Pike plant, with which he has been associated for 25 years, has resigned, to take effect April 15. He is to move to Cleveland, O., to take a position as manager of the box, printing and new goods departments of the Fred H. Roberts Company of Boston, manufacturers of Apollo chocolates, which is just opening a factory in Cleveland to give employment to 800 hands.

Gales Paper Twine Company, Pleasantville, has filed notice with the secretary of state at Albany, N. Y., of an increase in its capital stock from \$25,000 to \$100,000.

REVIEW OF BOOK PAPER FOR MONTH OF FEBRUARY

Mill Stocks of Both Periodical and Total Book Paper Increased During the First Two Weeks of the Period and Declined During the Second Two Weeks—Total Time Machines Were Idle Because of Labor Trouble and Other Reasons Increased About 56 Per Cent Over the Preceding Four Weeks' Period—Stocks of Publishers of Magazines Decreased 2,770 Tons.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., March 20, 1919.—Weekly reports from 46 book paper manufacturers operating 77 mills for the month of February, 1919, show the following results:

Week Ended.	Feb. 9 Net tons	Feb. 16 Net tons	Feb. 23 Net tons	Feb. 28 Net tons
Mill stocks first of week—				
Total Book Paper.....	32,363	31,996	32,884	33,130
Periodical Paper.....	4,867	4,657	4,927	4,674
Produced during week—				
Total Book Paper.....	13,989	14,815	14,309	13,060
Periodical Paper.....	4,659	5,154	5,018	4,606
Shipped during week—				
Total Book Paper.....	14,356	13,927	14,063	13,931
Periodical Paper.....	4,869	4,884	5,271	5,247
Mill stocks end of week—				
Total Book Paper.....	31,996	32,884	33,130	32,259
Periodical Paper.....	4,657	4,927	4,674	4,033

Note: Periodical paper includes that known by manufacturers to be used for printing magazines and periodicals. The total figures include the periodical book paper. The stocks contain a duplication of about 5,000 tons on account of the coated paper included.

Stocks of total book paper were increased 434 tons at the beginning of the period by corrected figures received from the mills.

Mill stocks of both periodical and total book paper increased during the first two weeks of the period and declined, during the second two weeks.

In addition to the stocks given above for each week, 13,844 tons were reported on hand at terminal and delivery points on February 28, 1919, as compared with 12,956 tons at the beginning of the month.

Commitments for delivery before December 31, 1919, received in time for tabulation, totaled 362,551 tons, and after December 31, 1919, 54,334 tons, making a total of 416,885 tons as compared with 466,078 tons at the end of January, 1919.

Loss of Production

Reports of 204 machines show the following loss of time during the month of February:

	Repairs.		Lack of Orders.		Other Reasons.	
	No. of Machines	Hours Idle	No. of Machines	Hours Idle	No. of Machines	Hours Idle
First week.....	28	1,298	39	3,463	30	1,364
Second week.....	20	900	35	2,553	28	1,591
Third week.....	15	673	42	3,493	42	1,929
Fourth week.....	17	621	22	2,056	17	1,293

The above figures include machines running partial time on other grades than book paper.

Under "other reasons" is included the following loss of time due to labor trouble: During the first week 11 machines of the 30 were idle 1,118 hours; during the second week 11 machines of the 28 were idle 1,320 hours; during the third week 10 machines of the 42 were idle 1,440 hours; and during the fourth week 8 machines of the 17 were idle 1,128 hours.

The total time the machines were idle increased about 56 per cent over the preceding four weeks' period.

Imports and Exports

The imports and exports of printing paper valued at more than 5 cents per pound (practically all book paper) and of book

paper stock for the month of January, 1919, compared with the month of January, 1918, are as follows:

	Jan. 1919 Net tons	Jan. 1918 Net tons
Imports of book paper (total).....	1	2
Exports of book paper (total).....	10,385	4,105
To Australia.....	2,813	712
To Argentina.....	2,036	212
To Japan.....	1,329	427
To Brazil.....	735	534
To Chile.....	674	174
To Cuba.....	52	321
To Other Countries.....	2,266	1,725
Imports of Chemical Wood Pulp (total).....	29,640	15,886
Unbleached Sulphite.....	18,257	7,850
Bleached Sulphite.....	971	1,216
Unbleached Sulphate.....	10,179	6,820
Bleached Sulphate.....	233	0
Imports of paper stock other than wood pulp (total).....	1,744	500
Exports of rags and other materials made from vegetable fibers.....	1,154	1,516

Imports of book paper are almost negligible, being only 1 ton for January, 1919, and 2 tons for January, 1918. Exports of book paper were 10,385 tons for January, 1919, as compared with 4,105 tons for January, 1918. Exports of book paper for January, 1919, were principally to Australia, Argentina, Japan, Brazil, Chile and Cuba. Exports of book paper to other countries for January, 1919, include 336 tons to China, 465 tons to British South Africa and 202 tons to the Philippines.

The principal imports of chemical wood pulp consist of unbleached sulphite and sulphate from Canada. More than 84 per cent of the chemical wood pulp imported in January, 1919, came from Canada. Imports from Norway and Sweden were 4,396 net tons. The total imports of chemical wood pulp were 13,754 tons greater than in January, 1918.

Imports and exports of paper stock other than wood pulp include rags and vegetable fibers. Imports for January, 1919, were 1,744 tons compared with 500 tons for January, 1918. Exports for January, 1919, were 1,154 tons as compared with 1,516 tons for January, 1918.

Consumers' Stocks

Reports from publishers and printers using book paper in the publication of magazines, periodicals and books show the following results for February, 1919:

	Periodicals and Magazines ¹	Printers ²	Book Publishers	Total
No. of concerns.....	303	55	94	452
Stocks on hand first of month.....	49,467	5,060	11,598	66,125
Received during month.....	24,019	1,920	2,698	28,637
Used and sold during month.....	26,789	2,032	3,067	31,888
Stock on hand end of month.....	46,697	4,948	11,229	62,874
In transit.....	5,717	358	246	6,321

1. The reports of periodical and magazine publishers include more than 500 publications supplying their own paper.

2. Includes only printers supplying paper for periodicals and magazines, including class and trade publications and house organs.

Stocks of the publishers of periodicals and magazines decreased 2,770 tons during the month. The stocks of book publishers decreased only 369 tons and those of printers declined 112 tons. Total stocks showed a decrease of 3,251 tons.

Thirty-eight concerns held about 67 per cent of the total stock reported by the publishers of periodicals and magazines at the end of February, 1919.

Jobbers' Stocks and Commitments

Monthly reports for February, 1919, from 232 jobbers show the following book paper stocks and commitments:

	No. 1 Eastern and Western M. F.	No. 1 Eastern & Western Super Calendered	Coated Book Costing 10c or Less	Total
Warehouse stocks first of month.....	11,623	6,502	6,911	25,036
Quantity received during month.....	2,628	1,320	1,035	4,983
Quantity shipped out during month.....	2,743	1,185	1,613	5,541
Stocks in warehouses end of month.....	11,508	6,637	6,333	24,478
Commitments to buy.....	20,386	5,287	5,924	31,597
Commitments to sell.....	15,729	4,687	1,616	22,032

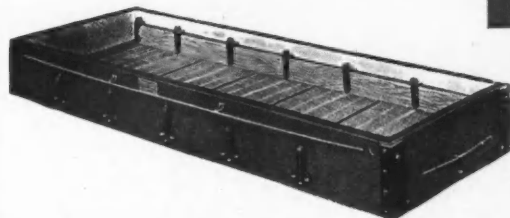
(Continued on page 52)

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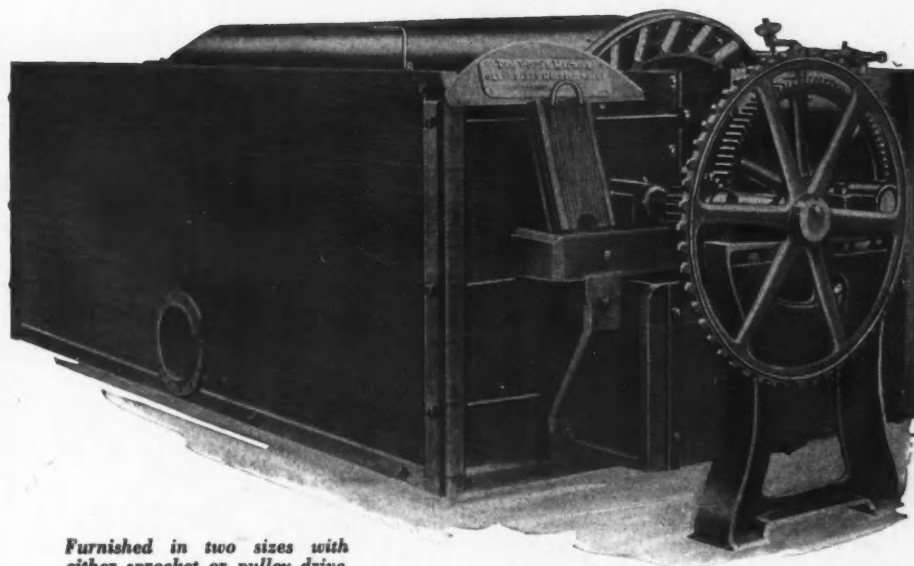
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NEWS PRINT PAPER REVIEW DURING MONTH OF FEBRUARY

Mill Stocks of Both Standard News and Total Print Increased During the Period—In Addition to Tabulated Figures 1056 Tons Were Reported on Hand at Terminal and Delivery Points on Feb. 28, 1919—Total Time Machines Were Idle Decreased About Seven Per Cent Over the Preceding Four Weeks' Period—Gain in Production for First Nine Weeks in 1919, as Compared With 1918.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., March 20, 1919.—Reports from 34 domestic manufacturers operating 55 news print mills according to the Federal Trade Commission show the following results for the month of February, 1919:

	Week Ended			
	Feb. 9. Net Tons.	Feb. 16. Net Tons.	Feb. 23. Net Tons.	Feb. 28. Net Tons.
Mill stocks first of week—				
Total print	20,685	22,712	22,915	23,714
Standard news	16,489	17,868	18,371	19,185
Produced during week—				
Total print	26,461	26,665	26,760	22,644
Standard news	23,584	24,124	24,670	20,634
Shipped during week—				
Total print	24,434	26,462	25,961	22,165
Standard news	22,205	23,621	23,856	20,276
Mill stocks end of week—				
Total print	22,712	22,915	23,714	24,193
Standard news	17,868	18,371	19,185	19,543

NOTE.—Above figures for total print include hanging paper.

Corrected figures received from the mills are responsible for 44 tons increase in the stocks of total print and 47 tons increase in the stocks of standard news at the beginning of the period.

Mill stocks of both standard news and total print increased during the period.

In addition to the stocks given above for each week 1,056 tons were reported on hand at terminal and delivery points on February 28, 1919.

Commitments for delivery before December 31, 1919, totaled 633,133 tons and after December 31, 1919, 251,063 tons, making a total of 884,196 tons.

Loss of Production

Reports from 55 mills operating 152 machines running full or partial time on print paper showed the following loss of time during the month of February.

	Repairs.		Lack of Orders.		Other Reasons.	
	No. of Machines.	Hours Idle.	No. of Machines.	Hours Idle.	No. of Machines.	Hours Idle.
First week	11	166	1	31	7	188
Second week	11	428	1	24	3	37
Third week	9	187	1	78	5	70
Fourth week	8	286	0	0	4	35

The total time the machines were idle decreased about seven per cent over the preceding four-weeks' period.

Comparison of Production

The production of paper for the first nine weeks of 1919 compared with the corresponding period last year is as follows:

	Total Print. Net Tons.	Standard News. Net Tons.
Production from Dec. 30, 1918, to Feb. 2, 1919.....	131,523	119,327
Production for corresponding period, 1918.....	113,013	104,021
Production from Feb. 3 to Feb. 23, 1919.....	234,053	212,339
Production for corresponding period, 1918.....	196,025	178,587

NOTE.—Hanging paper is included in total print in the above figures, which do not include the product of certain mills running a machine occasionally on news print but the principal product of which is a different grade of paper. This tonnage will average about 1,000 tons per month additional, the bulk of which consists of novel news and special grades of news print.

The gain in production for the first nine weeks of 1919 compared with the first nine weeks of 1918 amounts to 38,028 tons of total print and 33,752 tons of standard news.

Imports and Exports

The imports and exports of printing paper valued at not above 5 cents per pound (practically all news print) and of wood pulp for the month of January, 1919, as compared with the month of January, 1918, were as follows:

	Jan., 1919.	Jan., 1918.
Imports of news print (total).....	\$2,462	\$8,028
From Canada	\$2,462	\$4,417
From Newfoundland		3,611
Exports of news print (total).....	12,776	7,791
To Argentina	4,241	1,280
To Australia	2,134	390
To Brazil	1,797	113
To Cuba	868	605
To other countries.....	3,736	5,403
Imports of ground wood pulp (total).....	14,435	9,842
Unbleached sulphite	29,640	15,886
Bleached sulphite	18,257	7,850
Unbleached sulphate	971	1,216
Bleached sulphate	10,179	6,820
Exports of domestic wood pulp.....	233	.....
Exports of domestic wood pulp.....	1,796	2,510

The tonnage to "Other Countries" under the Exports of News print for January, 1919, includes 744 tons to France, 403 tons to Italy, 427 tons to Greece, 330 tons to China, and 328 tons to Uruguay.

The January, 1919, imports of news print were 14,434 tons greater than for January, 1918. Exports for January, 1919, were 4,985 tons greater than for January, 1918.

The January, 1919, imports of mechanically ground wood pulp were 4,393 tons greater than for January, 1918. Exports of domestic wood pulp were 714 tons less than for January, 1918.

The imports of chemical wood pulp for January, 1919, were 13,754 tons more than the imports for January, 1918. The bulk of this tonnage was unbleached sulphite and sulphate from Canada.

Publishers' Stocks

Monthly reports on tonnage for February, 1919, from 760 news paper publishing concerns and associations show the following results:

	February. Net Tons.
Stocks on hand, beginning of month.....	193,120
Quantity received during month.....	124,853
Quantity used and sold during month.....	122,506
Stocks on hand, end of month.....	195,467
Tonnage in transit.....	37,472

*This number represents about 782 publishers and a much larger number of publications.

There was an increase of 2,347 tons in publishers' stocks during the period. Sixty-six publishing concerns held about 50 per cent of the total stocks at the end of the month.

Jobbers' Stocks and Commitments

Reports from 232 jobbers showed the following stocks of roll and sheet news print on hand and the following commitments at the end of February, 1919:

	Newsprint.		
	Rolls. Net Tons.	Sheets. Net Tons.	Total. Net Tons.
Stocks in warehouses, first of month.....	3,375	8,261	11,636
Quantity received during month.....	2,566	1,821	4,387
Quantity shipped out during month.....	2,569	2,148	4,717
Stocks in warehouses, end of month.....	3,372	7,934	11,306
Commitments to buy.....	55,054	1,534	56,588
Commitments to sell.....	65,769	1,646	67,415

Stocks of both rolls and sheets decreased slightly during the period. Commitments to sell roll news were 10,715 tons greater than commitments to buy.

Commitments to sell sheet news were 112 tons greater than commitments to buy.

Jobbers' Prices

Reports from jobbers showed the following prices per 100 lbs. quoted in February for shipments in small quantities from their warehouses:

	East and Middle West.		Pacific Coast.	
	Rolls.	Sheets.	Rolls.	Sheets.
Ream lots		\$5.15-\$8.25		\$7.25-\$11.25
Case lots, 500 lbs.	\$4.12-\$6.00	4.50-7.75	\$6.75-\$7.00	7.00-10.69
Ton lots	4.50-6.25	4.50-7.60	6.25-6.00	6.50-10.13

(Continued on page 34)



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"The Rag-content Loft-dried Paper at the Reasonable Price"

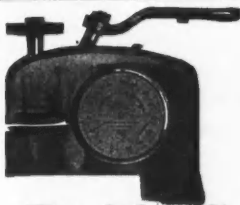
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**The Ashcroft
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OUR foreign connections have unexcelled facilities for intelligently promoting sales. Our home organization is composed of men with wide and practical export experience.

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NEWS PRINT CASE RE-OPENS AT OTTAWA, ONT., ON MARCH 28

Hearing Will Not Be Resumed at Ottawa as Originally Intended—Indications That the Price Regulations Will Not Extend Beyond the Signing of the Treaty of Peace—Resumption of the News Print Inquiry Is Therefore Important Mainly in Its Retroactive Effect—Investigation Into the Cost of Book Paper Is Still in Abeyance—Donnacona Co. Buys Big Property.

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., March 17, 1919.—The hearings in connection with the Government investigation into the cost of manufacturing news print are to be resumed at Ottawa, not at Toronto, as originally intended, on March 28. The cost reports which the auditor for the Paper Controller has been preparing were sent to counsel for each side last Saturday. They cannot be regarded, however, as a complete statement of the situation, as they are only brought up to the end of November last, and the manufacturers, it is understood, will urge that the costs for December and January be included before any further adjustment of prices is made. It is known that costs started advancing again last October, and that the four winter months are always the most expensive in counting manufacturing costs. In any case, the manufacturers begin to see daylight as regards government interference in their industry. Sir Thomas White recently gave a deputation to understand that price regulations would not extend beyond the signing of the peace treaty, and there are indications of preparations for dropping the regulations in accordance with that understanding. The resumption of the news print inquiry, therefore, is important mainly in its retroactive effect. The prices which have been in operation since July 1 last have been interim prices, subject to raising or lowering according to evidence submitted at the news print inquiry and passed along to the Judicial Tribunal. If a price of less than \$69 per ton is fixed as a result of the inquiry, the manufacturers will have to refund the difference to the publishers; if a higher price is fixed the publishers will have to pay the difference to the manufacturers.

The Inquiry Into Book Papers

The investigation into the cost of manufacturing book and half-tone paper is still in abeyance. It will be remembered that the inquiry was resumed in Toronto early in February, and came to an abrupt stop after two hearings, upon Controller Pringle agreeing to send an accountant and an auditor to the Riordon mills to ascertain the cost of manufacturing sulphite. The Riordon people thereupon showed that the amount of sulphite pulp they sold in Canada was not enough to affect materially the cost of paper, and that as a matter of fact they had been making considerable concession in the matter of price to Canadian customers and doing it voluntarily. On this showing the Government advised Controller Pringle not to go to the expense of an inquiry into the company's costs and methods of manufacture. Following upon this the publishers made a strong protest to Controller Pringle against not being permitted to go into the cost of manufacturing sulphite, and left a long document with the controller to the effect that the only practical method of finding out the cost of producing paper was to find out the cost of manufacturing sulphite by the Riordon Company. The net result is that Controller Pringle has modified his instructions as to going into these costs to the extent of asking the Riordon Company to furnish a voluntary statement of its manufacturing costs. That will be done, and if it shows any necessity for a further hearing, the inquiry will be resumed, although the general expectation is that no further proceedings will take place.

Concern Over Forest Destruction

A meeting of prominent pulp and lumbermen was held in Montreal today, under the auspices of the Pulp and Paper Association to draw up plans for a practical scheme of reforestation, in which returned soldiers may be employed. Those present included Brigadier-General White, Sir William Price, J. A. Bothwell, F. J. Campbell, Ellwood Wilson, and others. The scheme discussed involved the employment of returned soldiers not only in the work of reforestation, which it was stated, was badly needed, but also in the mills. It was decided to urge the Government to assist in the scheme, but in any case it will be proceeded with.

This meeting was followed by a conference of woodsmen, with a view of devising better methods of forest conservation. This conference had particular reference to the depredations of the bud worm, which is creating great havoc in the forests of the province, particularly among balsam. Already all balsam trees in large areas have been killed. As a result of the conference certain recommendations will be made to the Government, and as the Quebec Government is perhaps the most progressive in the Dominion in regard to its forest policy, there is every reason to believe that the measures recommended will be adopted. At the same time, the needs of reforestation, in view of the rapid depletion of the forests, will be urged. There is a large area of land, twenty-five miles in length, and of considerable depth, between Three Rivers and Quebec, which is suitable for experiments in reforestation. Originally this land was cleared by settlers, but it was abandoned as unsuitable. It is admirably suited for forest purposes, and it will be suggested to the Provincial Government that this land be planted with trees obtained from the Government's nursery at Berthierville.

Enlisting the Universities

The Canadian Pulp and Paper Association is making efforts to get the Universities of the Dominion to help pulp and paper manufacturers in securing highly-trained men for the industry. The suggestion is that university students might be induced to spend their summer holidays in working in the pulp and paper mills, thus getting an insight into the industry, learning of its possibilities, and gaining a knowledge of the line of study to pursue in the university to fit themselves for important positions in the industry. A Student Branch of the Technical Section of the Canadian Pulp and Paper Association has been formed, enabling students to get the advantages of membership at a nominal fee. Various universities have already given the idea their support, and an effort will be made to get every mill to take one or two students this summer. At the present time Canada has to depend on foreign countries for experts in the industry, and our own universities are not devoting sufficient attention to the training of pulp and paper men.

Donnacona Company Buys Big Property

An important sale has just been put through here whereby the Donnacona Paper Company, of Donnacona, Que., has purchased from J. H. Dansereau a property containing 183,360 acres on the Jacques Cartier River for the sum of \$881,500. The property includes the saw mills and water powers at Pont Rouge. The water powers develop 3,000 h. p., and the mills have a daily capacity of 125,000 feet. The property is situated about 27 miles from Quebec, and is a most valuable one. Mr. Dansereau is not necessarily retiring from business by reason of this sale, but retains his mill at Three Rivers and his timber limits on the St. Maurice River.

Price Brothers Enlarge Holdings

Shareholders of Price Bros. & Co., Limited, are in receipt of a circular offering them the rights to subscribe to shares in a syndicate composed of Sir William Price, the president, and certain

(Continued on page 22)

FOREIGN KRAFT PULP

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Quotations

ON RECEIPT OF INQUIRIES

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SOMEWHAT BETTER DEMAND IS REPORTED IN HOLYOKE

Slight Betterment Has Been Making Itself Evident for the Past Four or Five Weeks—Manufacturers, However, State That There Is Room for Considerable Improvement—Shippers Want Overnight Freight Service to New York Restored—American Writing Paper Co. Analyzes the Paper Situation—Writing Paper Manufacturers Association Meets—Retires From Springfield Republican.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., March 17, 1919.—Another very slight improvement was noted in the demand for paper stocks during the past week, according to statements made by the different manufacturers and mill men. Paper manufacturers claim that a slight betterment in business has made itself manifest for the past four or five weeks, and that this "just a little better than last week" continues. All state, however, that there is considerable room for improvement, and that the way conditions are now things are decidedly far from being satisfactory. With the first three months of the year already practically gone, a readjustment that will bring big business will have to come soon if the manufacturers are to make anything like the profits registered during the year 1918. The big manufacturers are the worse affected.

Want Overnight Freight Restored

At a meeting of the Shippers' Round Table, which includes members from every manufacturing concern in this city and vicinity and railroad officials, held at the Hotel Nonotuck last week, the shippers went on record for the restoration of overnight freight service to New York such as was in operation before the war. Railroad officials have promised the shippers that they would employ every means they could in obtaining this service. At the meeting F. E. May, of the Strathmore Paper Company at Mittineague, was elected secretary of the shippers' organization. Several prominent manufacturers of New York addressed the gathering, all speakers touching on various points in export shipping.

Paper Situation Analyzed

The American Writing Paper Company has taken upon itself an investigation of the market readjustment, and during the past week has interviewed manufacturers with a view of obtaining a correct analysis of the situation. Today the department of sales of the American Writing Paper Company will issue the following statement:

"We have interviewed during the week a large number of manufacturers and merchants upon the subject of the market readjustment already accomplished in the fine paper industry, with particular reference to the higher grade writings and ledgers, and are prepared to report a unanimity of opinion (with one strange exception) to the following effect:

"Those classes of paper most affected by the war conditions, such as book, tissue and kraft, as well as card boards and sulphite bonds, have reached adjustment by the reductions already experienced, while the higher grades of rag papers, which had been partly discriminated against since the formation of the War Industries Board, and had not reached inordinate prices, were, as a consequence, upon a stable basis at present levels.

"The action of Congress in empowering and authorizing the War Finance Corporation (one of the last acts signed by President Wilson) to extend credit to the limit of one billion dollars for a period not exceeding five years to exporting manufacturers or merchants, in order to promote commerce with foreign nations,

is certain to result in an unprecedented increased exportation of paper.

"The immediate future is pregnant with the promise of an accelerating domestic demand, arising not only from the exportation of paper, but from the low condition of stocks of fine papers in the hands of both merchants and manufacturers. The hand-to-mouth orders of consumers that have characterized the buying of the past three months indicate a further necessity of immediate future purchases. A heavy incubus of uncertainty is lifting through the promise of an early settlement of the peace negotiations. But probably more fundamental than all other considerations in stabilizing the industry is the fact that present selling prices rest heavily upon costs of production."

Writing Paper Men Meet

At a joint meeting of the Trade Board of the Writing Paper Manufacturers' Association and the National Paper Trade Association, held at the Waldorf-Astoria Hotel, New York City, last week Monday, conditions obtaining at the present time in the writing paper industry were thoroughly discussed.

The meeting was attended by some of the very largest paper manufacturers in the country, representatives being present from this city and from other cities in Massachusetts and New England. The situation as it affected the writing paper industry was discussed from all points of view, and the conclusion drawn that both production and distribution are becoming rapidly adjusted, and that the present situation, although trying in the extreme, is merely transitory, leading to a much more active and substantial market.

The present cost at the mills was carefully explained to the merchants present, who agreed that such costs made a solid foundation for present market conditions, and that, therefore, there should be no hesitancy on the part of merchants in again re-ordering in large volume. The increasing export trade was also called to the merchants' attention, pointing out that such trade will rapidly take from the American markets any possible surplus production.

The merchants stated that they would see that such information and assurance were given to their members in order that confidence might be restored and the usual volume of orders again placed with the mills. They admitted that there was unusually good future business which was simply waiting for such general market consideration and assurance as the manufacturers had presented at this meeting.

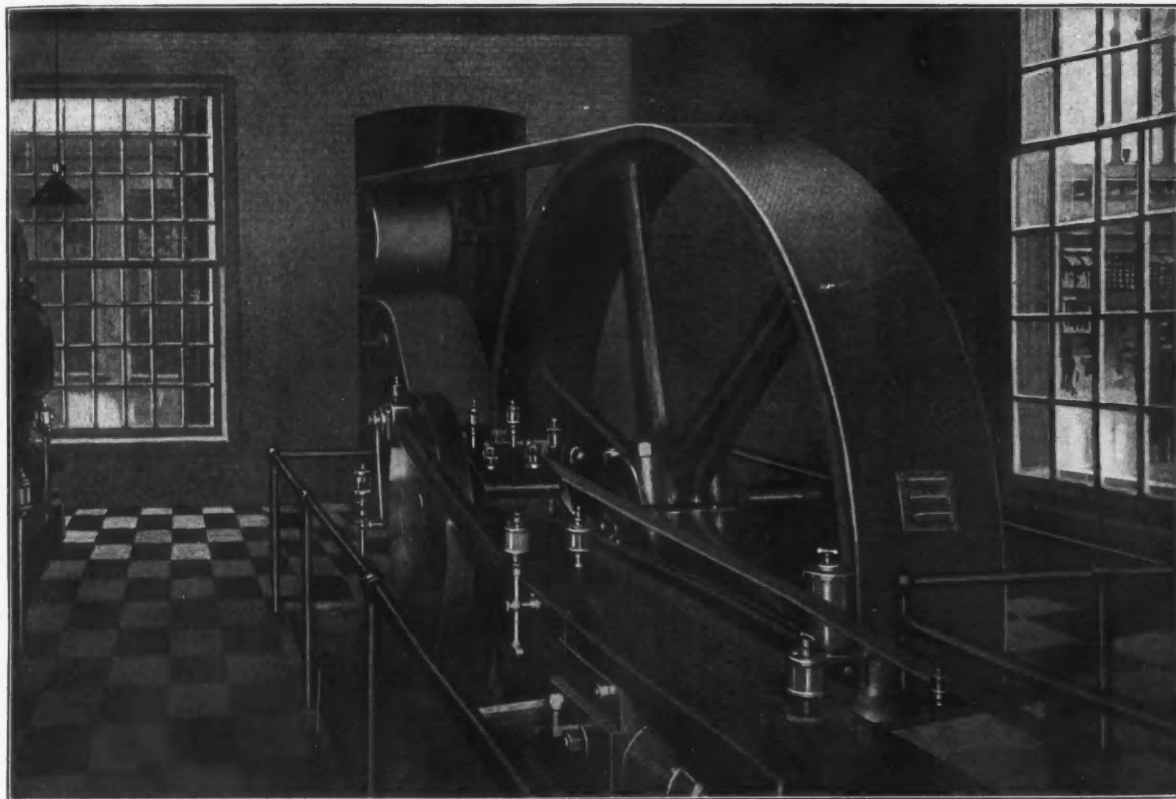
Retires From Springfield Republican

Solomon Buckley Griffin, president of the Hampshire Paper Company and vice-president of the Carew Manufacturing Company at South Hadley Falls, retires from the editorship of the *Springfield Republican*, a position which he has filled for more than forty years. He retires from the newspaper life to devote his time to his business interests and to private literary work. Mr. Griffin joined the *Republican* staff in July, 1872, coming from Williams College, receiving his first newspaper training under the elder Samuel Bowles. In 1878 he was appointed managing editor and at one time or another held every position in the editorial department. His insight into political conditions has won for him a national reputation. There are few men better known in the journalistic field than is Mr. Griffin.

Personal and Trade Notes

Edward N. White, treasurer of the White & Wyckoff Manufacturing Company, and treasurer of the Cowan Truck Company, manufacturer of paper mill trucks, has refused to again assume the vice-presidency of the Holyoke Chamber of Commerce, and has been succeeded by J. Roy Lewis, of the Ely Lumber Company. The Committee of Resolutions of the Chamber includes Frank B. Towne, treasurer of the National Blank Book Company, and

(Continued on page 40)



The Accumulated Experience of Seventy Years
IS BUILT INTO

“Test Special” Rubber Belting

Nearly three-quarters of a century of development and scientific effort directed toward creating the utmost in Belting value, is the basis on which “Test Special” Belting is built.

It embodies the three essentials of good belting:

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The sustained quality of the raw materials and workmanship insures the maintenance of a high standard of strength.

For enduring service in lumber and paper mills, machine shops, textile mills, cement plants, etc. “Test Special” has proven its worth.

It stands up in high speed work, the real measure of belting efficiency.

The “friction” surface and extreme flexibility afford great pulley grip.

By its very nature it is waterproof and unaffected by changes in temperature.

No belt dressing is required to make it do its work.

The economy of “Test Special” is in its long life and freedom from maintenance expense.

“TEST SPECIAL” Rubber Belting is a product built by the pioneers in the Mechanical Rubber Goods field, which by the manner of its making will not fail.

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PITTSBURGH
BOSTON
ST. LOUIS
SAN FRANCISCO

**NEW YORK BELTING
& PACKING CO.**
MANUFACTURERS OF
Mechanical Rubber Goods



FAIR VOLUME OF BUSINESS IS REPORTED AT TORONTO

Decided Improvement in All Departments of the Paper Trade Is Expected as the Season Advances and General Business Picks Up—Outlook for Ground Wood Pulp Is More Favorable Than It Has Been in a Long Time Past—Sulphite and Sulphate Mills Are Slackening Up in Production Awaiting the Receipt of Export Orders—Waste Paper and Rag Market Dull.

[FROM OUR REGULAR CORRESPONDENT.]

TORONTO, Ont., March 15, 1919.—A fair volume of business is being done at present by both mills and jobbers, enough at any rate to keep producing and office staffs pretty evenly employed. As the season advances and general business picks up, there should be decided improvement in all departments of the paper trade. All conditions surrounding the production and shipment of paper are favorable. Prices continue for the most part unchanged. The board mills have notified customers that quotations will be continued until June 30 at prevailing figures. There has been a reduction of 10 per cent. in toilet prices but tissues are unchanged. All other paper lines remain as before, with no early change in prospect.

The outlook for groundwood pulp is more favorable than it has been for a long time. This is due to the mild weather which will probably result in low water in the spring and summer, causing grinders to close down. Should this occur, there should be higher prices for this commodity. Sulphite and sulphate mills are slackening up on production, awaiting the receipt of export orders. They prefer to produce less just now than keep on piling up in face of uncertainties. Prices are still up but there is no telling how soon they may ease off and manufacturers would rather not be caught with large stocks on hand.

Book and writing mills are fairly active and are reported to be doing some export business. Box mills are slack and one mill at least has closed down temporarily. Coating paper plants are busy, there being a good demand for paper for catalogues and other advertising matter.

Waste Market Very Dull

Local dealers in waste paper and rags report business very dull at present with poor prospects of any early improvement. In fact one dealer asserts that the outlook is the worst he ever saw. Prices are all down and but nominal at that. In the waste paper field there is absolutely no demand for anything except an odd lot of white shavings and book and ledger stock. The closing down of box mills is having a serious effect on the situation. In rags, roofing stock is dragging and there is no demand whatever from the mills for cotton rags.

Meetings Held During Week

A well attended meeting of the wrapping paper jobbers of the city was held early in the week, under the chairmanship of Charles V. Syrett of the Victoria Paper and Twine Company. A useful discussion of a number of trade practices took place and efforts were made to arrive at a basis for better relations so that conditions might be stabilized. The book and writing section of the Canadian Paper Trade Association also held a meeting this week, when action was taken on a number of important matters. The Association has done much in its comparatively short existence to improve conditions in the trade.

Book Paper Inquiry Off

The book paper inquiry, which has been more or less of a farce, in so far as arriving at any conclusion is concerned, has been practically called off. While no definite announcement to this

effect has been made, it is understood that the publishers have been content to let the matter drop and that the proposed investigation into the costs of the Riordon Pulp and Paper Company on sulphite pulp will not be proceeded with. What was regarded as more or less of a determining factor, was the evidence of a prominent job printer in Toronto who asserted that the publishers were buying their paper at much lower figures than the job printers. To have pushed for a fixed price in view of this consideration might have been involved the setting of a figure midway between the price to the printers and the price to the publishers. Rather than run the danger of this, the publishers evidently concluded that it was better to leave well enough alone and call off their lawyers and experts.

Preparing for Newsprint Hearing

In the meantime there has been no such development in the case of the newsprint inquiry and publishers seem determined to fight the thing through to a finish. The Clarkson reports on the cost of the investigated mills for the latter part of 1918 are now in the hands of both parties preparatory to the resumption of hearings. The Press Association's experts are concentrating all their attention on these reports and, as the manufacturers are quite willing to admit, they will get the most possible out of them. There are two points at issue, on which the Appeal Tribunal directed that further evidence should be taken, one being relative to the deduction from the costs found by Commissioner Pringle for the first half of 1918 as claimed by the publishers in their brief and the other as to whether Mr. Clarkson's investigation since the last hearings of the Commission in September have justified the claims of the manufacturers that there should be an increase of \$8 per ton in costs since July 1.

Effect of New Copyright Law

A new copyright bill is to be introduced at the present session of Parliament and it is expected to have the effect of considerably increasing the number of books, etc., printed in the Dominion, which in turn will increase the consumption of paper. Canada is today the only self-governing portion of the British Empire which has not passed copyright legislation in accordance with the terms of the Berlin Convention of 1911. A bill bringing Canadian copyright into line with that of the signatures of the convention was to have been introduced in 1911 but the government of the day was defeated. The new government delayed action and then the war interfered to set all thought of copyright aside. The copyright system at present is very loose and unsatisfactory, there being both a Canadian and an Imperial law governing the subject. It is expected that the new measure will be a great improvement, leading as it will to increased production of printed matter in Canadian printing establishments, coupled with increased consumption of paper.

Important Development in Hamilton

A reorganization of the National Paper Goods Company, Limited, Hamilton, has taken place. A new company, capitalized at \$300,000, has been formed under the name of National Paper Goods, Limited, and fresh capital, said to be from the United States, has been introduced. The company will specialize in the manufacture of stationery, though it will also deal in other lines as well. The flat paper business of the National Paper Goods Company, Limited, has been taken over by the United Paper Mills Limited, Toronto, which will open a branch warehouse at 64 John Street, North. This will be in charge of C. W. Paul, who has represented the United Paper Mills, Limited, in western Ontario.

A Display of Boxes

An innovation in the trade which is creating a good deal of interest is an exhibition of paper boxes which is being made at present in the warerooms of the Rudd Paper Box Company, Toronto. The display is large and varied in character.

"IMPROVED" KNOTTER

for the first screening of sulphite, sulphate or ground wood pulp

We shall be glad to furnish data and samples of the work this machine will do in actual use.



Knotter Design No. 2

The cost of power and upkeep is extremely small and the results are very satisfactory.

WE ASK A THOROUGH INVESTIGATION

IMPROVED PAPER MACHINERY CO.

NASHUA, N. H., U. S. A.

VICKERY'S PATENTS LIMITED

ENGINEERS

of

DEVONSHIRE GROVE, OLD KENT ROAD, LONDON

ENGLAND

Well-known in the Paper Trade of Great Britain, France and Belgium, are open to undertake the manufacture, and, if desired, the marketing of light and medium Machines and Appliances for the Paper Trades.

KALAMAZOO STATIONERY CO. PLANS TO ENLARGE PLANT

Acquires Ten Acres Just North of Its Present Site on Which It May Build This Year—Kalamazoo Paper Stocks, Which Are Usually Very Active Securities, Are Dull at the Present Time—Bryant Paper Co. Has Organized Class to Teach Foreigners to Read, Write and Speak English—Women Employees of Milham Division Are Tendered a Dinner—General and Personal Trade News.

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., March 19, 1919.—The Kalamazoo Stationery Company has just made an important purchase of real estate that will enable it to make the enlargements to its plant which have long been necessary. It has acquired from B. A. Bush ten acres of land immediately to the north of its present site and splendidly adapted for factory purposes. For several years Bertrand Hopper, general manager of the company, has had his eye on this piece of land.

"We may build this year," said Mr. Hopper. "Our business has grown so rapidly that we must enlarge in the immediate future. The land secured will give us an opportunity to grow. Our future will depend entirely on the condition of the material market."

The present Kalamazoo Stationery plant is easily five times the size of the original factory erected 15 years ago, and the company is forced to lease floor space in outside structures. The enlargements proposed will consolidate the business at one point.

Kalamazoo Paper Stocks Dull

Kalamazoo Paper stocks, usually very active securities, are dull at this time. There is very little trading, and while the disposition is to sell, with very few buyers, the market remains very firm and any downward tendency in prices is lacking. Fluctuations during the past 30 days have not exceeded more than a point in either direction.

The latest quotations are:

	Bid.	Asked.
Bryant Paper Company	18	18½
King Paper Company	12¾	13¾@14
Monarch Paper Company	12¾	12¾
Provincial	50	..
Eddy Paper Company .....	..	15¾
Kalamazoo Paper Company	19¾	22¾
Kalamazoo Vg. Parchment	13¾	14¾
Western Board & Paper Company .....	..	23¾
Michigan Paper Company	12¾	13¾
Hawthorne Paper Company .....	..	10
Rex Paper Company .....	..	15¾@16
MacSimbar Paper Company	24	30½
Watervleit Paper Company	22	..
Sutherland Paper Company .....	..	30*

*\$25 shares. Stocks of the Standard Paper Company and Bardeen Paper Company were not listed the past week.

Americanization Work

Practical Americanization work has been started at the Bryant Paper Company through the organization of a class to teach the foreign employees to read, write and speak English. This class is in charge of Mrs. Jane Shaw, head of the welfare work at the big plant; and Miss Elizabeth Zimmerman, instructor in languages at Western Normal College. She has volunteered to give her time to the undertaking and to hold class one evening each week.

President Frank H. Milham has turned over the bookkeeping

department of the office for the evening class and will see that it is properly warmed and lighted.

This class, originally designed for the women employees, has become so popular that the women are bringing their husbands with them and they study side by side. It promises to be of great good in the mills.

Milham Division Gives Dinner

The women employees of the Milham division of the Bryant Paper Company were hostesses to a dinner served Friday noon in honor of Mrs. O. H. Clark, of this city, who had been invited to speak to the women on the proposed light wine and beer amendment. The dinner was altogether a surprise.

Announced in advance as merely a "Pot Luck dinner," it turned out to be a well appointed feast. It was served in the rest room furnished for the employees of the sorting room. Two tables were spread and covers laid for 40 guests. Fruits and flowers formed the centerpieces for the tables, around which were grouped dishes of salads, sandwiches, lettuce, pickles, cakes and puddings. Noodle soup and roast chicken were cooked and served Hungarian style and were delicious. Mrs. Lizzie Miller was in charge of this work, while Mrs. Lizzie Plotts acted as master of ceremonies. Among the hostesses were seven Hungarian women and one Greek woman. Mrs. Clark and Mrs. Jane Shaw were the guests of honor.

At the conclusion of the dinner, the company rose and sang "America" and "Praise God from Whom All Blessings Flow." Mrs. Clark then took up her subject and limited her talk to ten minutes' duration.

This gathering is the result of the work carried on during the past year by the welfare department of the company. It is getting the employees together in bonds of mutual interest and friendship. President F. H. Milham, the various mill superintendents and department foremen have helped wonderfully in this campaign for betterment. The company has added much to the general convenience and comfort of its employees and small electric hot plates are now installed in rest rooms in all departments, where meals can be prepared easily and efficiently.

General News of the Trade

Robert C. Fay, advertising director of the Chicago Paper Company, addressed the Kalamazoo Advertising League last Thursday on "The Psychology of Business Letter Writing." The week previous he talked to the Grand Rapids printers on "Paper and Printing."

George P. Wigginton, Kalamazoo county chairman for the Fifth Victory Liberty loan drive, has nearly completed his plans for the coming campaign and has named most of his principal workers. He expects to enlist the services of 3,000 people in the drive and to put it over in a brief period.

Just at present he is taking a two weeks' rest and fishing for tarpon in Florida waters.

To Erect Pulp and Paper Mills

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., March 17, 1919.—The W. C. Edwards Company, Limited, of Ottawa, is asking Parliament for authorization to increase its capital stock from \$4,400,000 to \$8,000,000 and the reason for the request was explained by H. P. Hill, solicitor for the applicant when he appeared before the private bills committee of the House of Commons to state the company's case. He said it was proposed in the near future considerably to enlarge the company's plant, to include the erection of pulp and paper mills at Rockland, where the large Edwards lumber mills are now located. It is believed that the present is an opportune time for investment in the pulp and paper business, expectations being that the governmental control will not continue much longer.

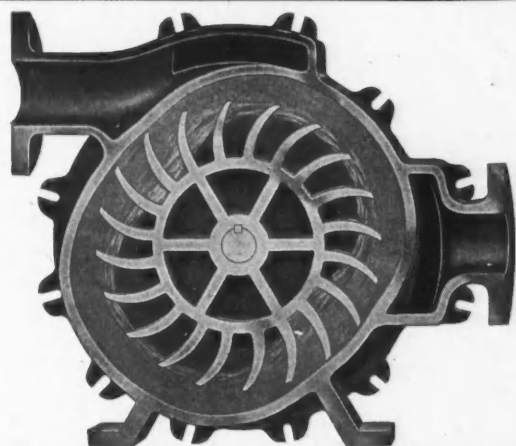
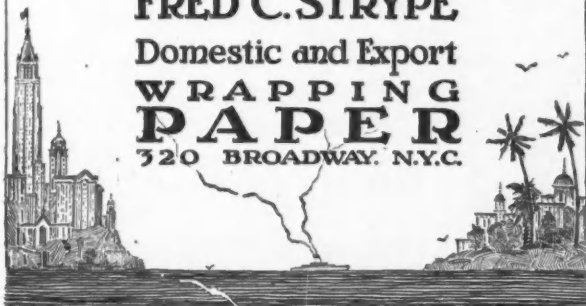
The Future Of The Export Business In Paper Is Tremendous.

**ARE YOU PREPARING
TO SECURE YOUR SHARE?**
THE FOREHANDED MAN RARELY REGRETS.

Consult With Us.

FRED C. STRYPE

Domestic and Export
**WRAPPING
PAPER**
320 BROADWAY, N.Y.C.



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.

For Particulars Address

THOMAS H. SAVERY, Jr.

1614 Republic Bldg.

Chicago, Ill.



Watch This Name

It is going to be one of the best known very soon, or we are much mistaken. WHY? Because it is the only high quality bond paper in white and colors that is sold at anywhere near a price that makes it possible for the ordinary user of bond papers to buy it.

And don't forget our Waterford plant that is turning out colored specialties. Our slogan, "Service in Specialties," is well chosen, as we'll be glad to demonstrate at any time.

FRANK GILBERT PAPER CO.

Cohoes, N. Y.

Waterford, N. Y.

"Service in Specialties"

Sale of Pulpwood Lands In Northern Ontario

The Lake Superior Corporation and Algoma Eastern Railway Company are open to negotiate for the disposal of certain lands,

Approximately 682,000 Acres

situated for the most part in that section of Northern Ontario known as the Clay Belt, and comprising the Townships of Storey, Lange-marck, Dowsley, Nassau, Shetland, Staunton, Orkney, Magladery, Caithness, Rykert, Doherty, Whigham, Coppell, Newton, Dale, Mc-Owen, Frater.

The lands in question are accessible to the Algoma Central, Trans-Continental, Canadian Northern and Canadian Pacific Railways, and should be of particular interest to pulp and paper makers, also to settlers, in view of their agricultural possibilities.

General information will be furnished and plans exhibited at the office of Mr. Alex. Taylor, secretary of the Lake Superior Corporation, 1428 Bank of Hamilton Building, Toronto, or at the office of Mr. G. A. Montgomery, vice-president of the Algoma Eastern Railway Company, Sault Ste. Marie, Ont.

BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

Purchasing Officer for the Government Printing Office Opens Bids for Various Lots of Paper for the Ensuing Year—Bids to Be Opened by the General Supply Committee, Which Purchases for the Executive Department of the City of Washington, April 21—Quartermaster's Department Awards Large Contract for Envelopes to the Graham Paper Co. of St. Louis.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., March 17, 1919.—The Purchasing Officer of the Government Printing Office will open bids on March 21, for 36,500 lbs. (500 reams) of 32 by 48 in. 73 lbs. and supercalendered white printing paper.

Bids are to be opened by the Purchasing Officer of the Government Printing Office on March 19 for 2,500 pounds (25 reams) of 26½ x 41", 100 lbs., India tint coated cover paper.

Bids will be opened on March 24 at the Government Printing Office for 2,000 lbs. of linen paper for head band lining and crashing machines.

Panama Canal Bids

The Purchasing Officer of the Panama Canal has announced the following paper awards, bids for which were opened on March 5.

Parsons & Whittemore will furnish 600 reams (300,000 sheets) of 17 x 22 in., No. 20, white bond paper at \$2,058.

Fifty reams (25,000 sheets) of 22½ x 28½ — 160, manila tag board will be furnished by the Universal Trading Company, at \$743.50.

Dobler & Mudge will furnish 4 reams (2,000 sheets) of buff deckle edge Strathmore paper at \$72.08.

Twenty reams (10,000 sheets) of 22½ x 28½ — 70, cadet blue cover paper will be furnished by the Republic Bag & Paper Company, at \$234.20.

Bids for Post Office Department

Bids will be opened by the Purchasing Officer of the Post Office Department on March 22 for 450,000, 3½ by 5 in. ungummed envelopes.

Award by Quartermasters' Department

The Zellerbach Paper Company of San Francisco has been awarded a contract by the Army Quartermaster's Department for furnishing 436 reams of 40 by 48 in., 133 lbs., kraft wrapping paper at \$5,654.05.

The Graham Paper Company of St. Louis, Mo., has been awarded a contract by the Army Quartermaster's Department for furnishing 5,000,000 envelopes, 3 1/16 x 5½", at \$71 per 1,000, or a total of \$3,550.

Bids for General Supply Committee

Bids are to be opened by the General Supply Committee, which purchases for the executive departments in this city, on April 21 for paper and paper articles for the fiscal year. Among some of the larger paper items included in the new schedule are the following, showing the amount of paper used during the past fiscal year: 89,530 pounds of white, blue, buff and granite blotting paper, 70,320 pounds of blotting paper for desk pads, 15,695 pounds of high finish white bristol board, 15,050 pounds of corrugated strawboard, 150,000 pounds of manila tag board, 247,883 pounds of white machine finished book paper, 74,925 pounds of tympen manila board, 82,560 pounds of high finish manila paper, 215,000 pounds of smooth finish manila paper, 99,405 pounds of rope manila wrapping paper, 412,842 pounds of the same, 241,516 pounds of kraft wrapping paper, 6,290 pounds of superfine white wove bond paper, 10,150

pounds of white foolscap and legalcap ledger paper, 18,029 pounds of onionskin paper, 39,672 pounds of colored wove typewriter paper, 951,103 pounds of white wove typewriter paper. The schedule also contains many other paper items.

REOPENS NEWS PRINT CASE AT OTTAWA

(Continued from page 14)

of the directors, who purchased a valuable property last fall. The property is situated on the Sault au Cochon River, which flows into the St. Lawrence River about 180 miles below Quebec on the North Shore. It consists of about 850 acres of timber limits under lease from the Crown, about 1,350 acres of freehold land, including the bed of the river, and two water powers. The limits are exceptionally well timbered and are estimated to contain over 3,500,000 cords of pulp wood. The river is good for driving purposes, and the property, according to the circular is a valuable one. Coupled with the 290 miles of limits, the 700 acres of freehold land, and the water powers owned by the Price Bros. organization, this forms one of the most valuable properties in all the province. The capital of the new syndicate is \$500,000, and its present members feel that it is their duty to offer the shareholders of their company a participation to the extent of over 10 per cent. of their holdings of Price Bros stock. In the forming of the syndicate no profit or commission has been made by any of the present members, and it is pointed out that all participants will be treated on exactly the same terms. The offer is made to shareholders of Price Brothers of record on the transfer books as of March 15. Payments will be made as follows: 20 per cent. on or before April 15, 40 per cent. May 15, 40 per cent. June 15, with an allowance of 6 per cent. interest on all payments previous to June 15.

Profitable Year for Mattagami

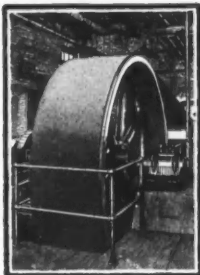
The fiscal year of the Mattagami Pulp and Paper Company closes at the end of the current month, and it is stated that the results will be highly satisfactory to the shareholders, who will receive the annual statement about May 1. The company for the first eight months of its fiscal year, showed net earnings of \$344,580, of which \$101,793 was written off to reserve for depletion of timber account, this reserve standing at \$200,000 at the end of 1918. This deduction left \$242,787 available, equal to three times the bond interest. During the year the company's third digester was completed, and all that is required to increase the capacity of the plant to 45,000 tons per annum is the installation of a new drying machine, which is now being proceeded with.

Trade Mark for Canadian Paper

The Canadian Pulp and Paper Association has issued a circular offering a prize of \$100, in addition to paying the cost, for the best design for a trade-mark or insignia, suitable for use as a label to be attached to the various products made by its members, submitted on or before April 15 next. The purpose of the trade-mark is to increase the use of Canadian-made paper by enabling purchasers readily to identify such paper as distinct from that made in countries other than Canada. The accepted design is to be used as the basis for an extensive advertising campaign. The design must bear the words "Canadian Pulp & Paper Association." The competition is open to any one living in Canada not directly connected with the association.

Sergt. Bartlett Returns to Lumber Cruising

OLD TOWN, Me., March 10, 1919.—Sergt. Byron T. Bartlett, who has served in one of the gas and flame regiments in France, and seen action since the first part of July, has taken up his old work of timber cruising for the James W. Sewall office at Old Town. Sergt. Bartlett was given the Croix de Guerre for bravery in action while in France.



Nature's
Contribution
to
Power

30" Neptune Double Belt 91 ft. long driving mill of J. C. Halsema Mfg. Co., Jacksonville, Fla. This belt has been in operation 5½ years and is in as good condition as when it was first installed.

It's the right material in the right place. Nature provided that material worn originally on the back of a steer. A steer hide is naturally tough, strong, pliable, elastic. All of these characteristic virtues are retained to the right degree in Graton & Knight Standardized Series Leather Belts.

Write for booklet on Standardization as applied to Belting.

THE GRATON & KNIGHT MFG. CO.

Worcester, Mass., U. S. A.

Oak Leather Tanners, Makers of Leather Belting, Lace Leather, Packing and Specialties.

Branches and Distributors in all Principal Cities.

GRATON & KNIGHT

Standardized Series

LEATHER BELTING



Wood Plugs

for paper rolls, made to pattern under shop names in four sizes as follows: CARD—3", MANILLA—2½", NEWS—2½", DRUG—2⅛", all 1¾" in length, having 1" hole; tumble polished when shipping. Samples cheerfully furnished.

O. L. BARTLETT
Mound City, Ill.



Sturdy

A high lift or a long carry is all the same to a

**SHEPARD ELECTRIC
CRANE AND HOIST**

The amount of steady, hard work which a "Shepard" can accomplish, even when operated by an unskilled workman, is a revelation in material rehandling. It not only takes the place of many men but it does some things even a big gang could not do.

Its speed and precision of control, its rugged strength, its dependable, trouble-free, unit construction, all mean constant service with the least maintenance and labor costs.

Let our engineers tell you where a "specialized" Shepard can cut down your operating time or expense. Read our Handbook, too. It may give you some new ideas.

**SHEPARD
ELECTRIC CRANE & HOIST CO.**

378 Schuyler Ave., Montour Falls, N. Y.

New York, Philadelphia, Chicago, Pittsburgh, Boston, Baltimore, Cleveland, San Francisco, Montreal, Melbourne, London.

2038-S

HAMMERMILL CO. AGENTS HOLD MEETING IN CHICAGO

Mid-Season Gathering Is Held at the Blackstone and Is Attended by Owners and Representatives of Seventy Houses, Representing the Entire United States—For the Purpose of Assisting in the Close Co-operation Now Existing Between Merchants of the Hammermill Lines and the Mill, a Committee Was Elected by the Agents of which John Leslie Was Chosen Chairman.

The Hammermill Paper Company, originator of the plan of meeting in convention with the paper merchants who are agents for its lines, called a mid-season meeting which was held in the Blackstone Hotel, Chicago, on February 27 and 28. The regular annual Hammermill meetings are held in Erie, where the plant is located, usually the last week in August.

At the meeting in Chicago the entire United States, with the exception of the Pacific Coast, was represented. There were merchants present from Portland, Me., to Denver, Col., and from Jacksonville, Fla., San Antonio, Tex., and New Orleans, La., to Duluth, Minn., a total of seventy houses having owners or managers in attendance.

The convention began with luncheon in the Marble Room of the Blackstone at noon on Thursday. A dinner was served in the Ball Room in the evening. Business sessions were held on Thursday and Friday in the English Room of the same hotel.

For the purpose of assisting in the close co-operation now existing between the merchants of the Hammermill lines and the mill a committee was elected by the agents at the Friday morning session. This committee includes the following:

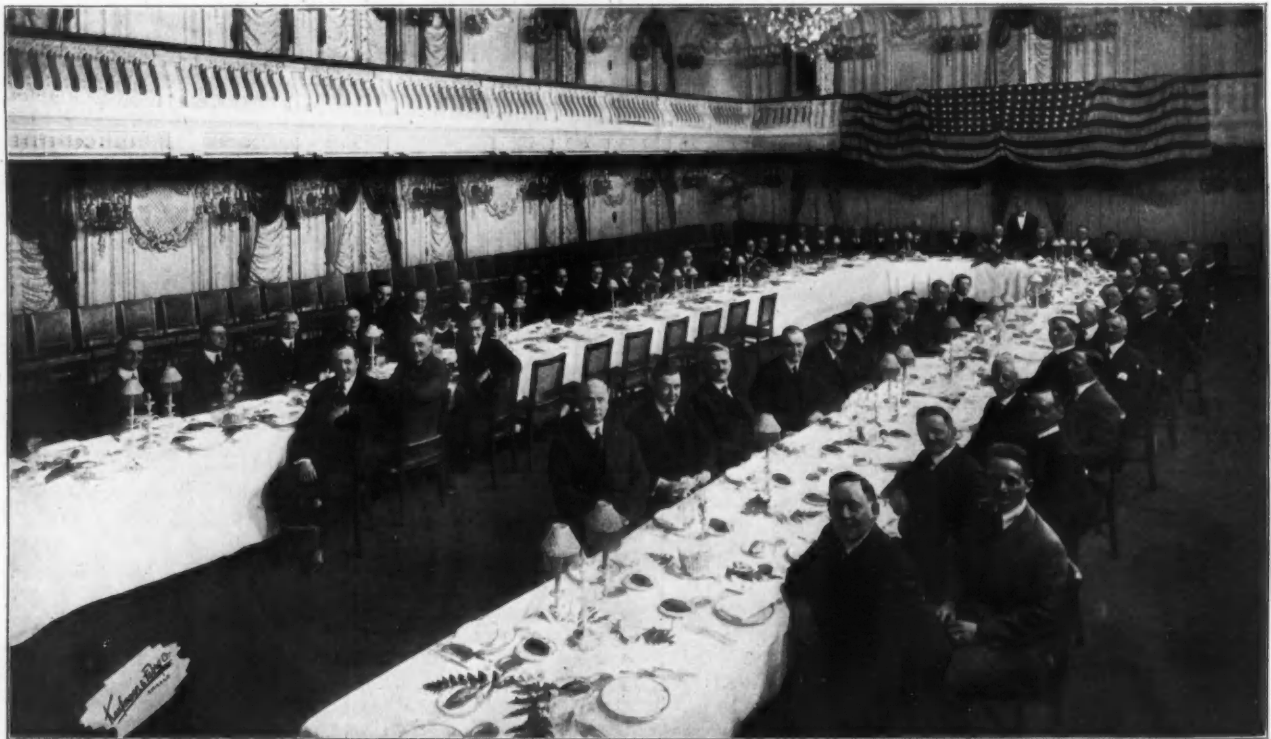
John Leslie, John Leslie Paper Company, Minneapolis, Minn., chairman; W. F. McQuillen, A. Storrs & Bement Company, Boston, Mass.; Spencer Lathrop, Lasher & Lathrop, New York City; Arthur Sherrill, Riegel & Co., Philadelphia; J. A. Carpenter, Kansas City Paper House, Kansas City, Mo.; E. A. Petrequin, Petrequin Paper Company, Cleveland; John D. Swigart, Swigart Paper Company, Chicago.

Those Who Attended

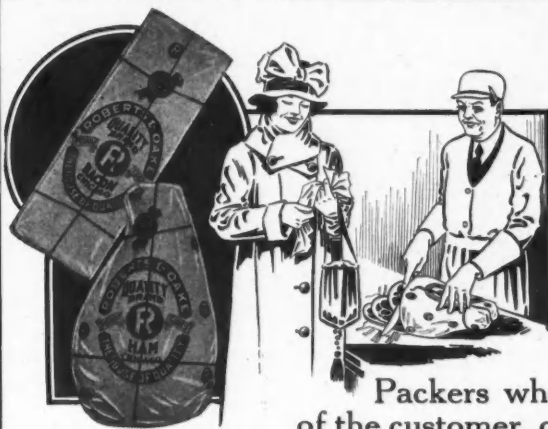
The following were present at the meeting:

B. C. Broderick, Dobler & Mudge, Baltimore.
J. B. Jones, Western Newspaper Union, Billings, Mont.
W. F. McQuillen and W. B. Stevenson, A. Storrs & Bement Company, Boston, Mass.
M. L. Kratz, The Alling & Cory Company, Buffalo, N. Y.
J. B. Jones, Western Newspaper Union, Charlotte, N. C.
Frank A. Kearns and Robert Wadsworth, Bradner Smith & Co., Chicago.
John D. Swigart, Carroll S. Swigart, Herman Peterson and William Hirst, Swigart Paper Company, Chicago.
E. A. Petrequin, Petrequin Paper Company, Cleveland.
O. A. Miller and F. E. Miller, Central Ohio Paper Company, Columbus.
E. C. Palmer, E. C. Palmer Company, Dallas, Tex.
D. Clinton Smith, Carter, Rice & Carpenter, Denver, Col.
I. W. Carpenter, Carpenter Paper Company, Des Moines, Ia.
J. B. Jones, Western Newspaper Union, Des Moines, Ia.
Harold Helmer, Beecher, Peck & Lewis, Detroit, Mich.
J. I. Mondschine, The Peyton Paper Company, Duluth, Minn.
P. M. Duggan, Duggan Rider Company, Erie, Pa.
J. B. Jones, Western Newspaper Union, Fargo, N. D.
J. B. Jones, Western Newspaper Union, Fort Wayne, Ind.

(Continued on page 26)



VIEW TAKEN AT THE CONVENTION OF THE SALESMEN OF THE HAMMERMILL PAPER CO. AT CHICAGO.



"It's KVP Vegetable Parchment

THAT PROTECTS THE MEAT, MADAM!"

Packers who desire that their meats reach the table of the customer, clean, prime and delicious, are protecting ham and bacon by wrapping them in KVP vegetable parchment paper.

The original pungent and smoke-instilled flavor is preserved — the keen appetites of Mr. Butcher's particular customers are thoroughly satisfied — and this helps business!

Write for "meaty" samples of vegetable parchment paper.

KALAMAZOO VEGETABLE PARCHMENT COMPANY, Kalamazoo, Michigan

T. F. HART PAPER COMPANY, Inc.

Muncie, Indiana

MANUFACTURERS OF

ALBANY REFINED STRAWBOARD

for

TUBES AND CAPS

SINGLE and DOUBLE LINED

PLAIN and COLORED

VAT LINED, MILL AND SHEET LINED

SPECIALTIES, ETC.

Domestic and Export

Mill: Albany, Indiana

Starch

Paper manufacturers generally recognize the value of **starch** in the manufacture and coating of paper.

To obtain definite results in any desired direction in the preparation of paper, not merely a difference of grade, but a difference of kind or variety of **starch** is required.

Our carefully controlled and thoroughly standardized processes enable us which the paper industry has found to produce exactly the various **starches** economical and efficient.

Corn Products Refining Company
17 Battery Place New York

Starch

Recent Incorporations

BANKERS' ENVELOPE COMPANY, INC., Manhattan, New York, make paper and deal in magazines. Capital, \$20,000. Incorporators: J. H. Crockett, A. W. Clapp, M. Williams, 10 Wall street.

TISSUE PAPER SYNDICATE, Manhattan, New York. To manufacture toilet papers. Capital, \$25,000. The incorporators are M. P. Weinberg and M. J. Weinberg, Fourth and Lafayette streets, New York.

S. SAFIER, INC., Hoboken, New Jersey; to manufacture paper bags. Capital, \$50,000. Incorporators: Samuel Safier, Abe Feldman and Charles Safier, all of Hoboken.

WILSON PAPER STOCK COMPANY, INC., Manhattan, New York. Capital, \$5,000. Incorporators: Charles Passannante, Pietro Dellaglio, Mary Negri, 258 West Fifty-fifth street, New York City.

GOTTLIEB PAPER PRODUCTS MANUFACTURING CORPORATION, Brooklyn, New York, paper manufacturing. Capital, \$100,000. Incorporators: A. Gottlieb and C. Gottlieb, 207 West 110th street, New York City; I. W. Gottlieb, 155 Taylor street, Brooklyn.

UNITED TRADE PAPER ASSOCIATION, Manhattan, New York. Capital, \$25,000. Incorporators: Max Glazier, Joseph J. Singer, Morris Heller, 2143 Amsterdam avenue, New York City.

GARFINKEL, SOLOME & SHAPIERO, INC., Manhattan, New York, paper mill products. Capital, \$25,000. Incorporators: I. Balch, Louis A. A. Hoffman, Joseph Salz, 352 East Third street, New York City.

COPPER PYRITES CORPORATION, Manhattan, New York. Capital, \$203,000. Incorporators: W. I. Westervelt, J. N. Bailey, R. L. Wensley, 17 Madison avenue.

ADVANCE PAPER GOODS COMPANY, Indianapolis. Capital, \$50,000; wholesale and retail paper goods. Directors, Charles F. Janke, Charles Karabell, L. D. Buenting.

HAMMERMILL PAPER CO. AGENTS MEET

(Continued from page 24)

E. R. Carpenter, Dwight Brothers Paper Company, Grand Rapids, Mich.

Paul Johnston, Johnston Paper Company, Harrisburg, Pa.

E. C. Palmer, E. C. Palmer Company, Houston, Tex.

F. E. Floyd and F. F. Fox, Crescent Paper Company, Indianapolis, Ind.

Ralph Cooper, H. & W. B. Drew Company, Jacksonville, Fla.

J. A. Carpenter, Kansas City Paper House, Kansas City, Mo.

W. C. Dudley, Dudley Paper Company, Lansing, Mich.

J. B. Jones, Western Newspaper Union, Lincoln, Neb.

L. P. Sine, Lincoln Paper Company, Lincoln, Neb.

J. B. Jones, Western Newspaper Union, Little Rock.

Stark S. Dillard, Caskie-Dillard Company, Lynchburg, Va.

A. D. Tayloe, Tayloe Paper Company, Memphis, Tenn.

H. H. Winne, E. A. Bouer Company, Milwaukee, Wis.

John Leslie, John Leslie Paper Company, Minneapolis, Minn.

M. H. Moore, Clements Paper Company, Nashville, Tenn.

E. C. Palmer, E. C. Palmer Company, Ltd., New Orleans, La.

Max Greenbaum, Beekman Paper & Card Company, New York City.

A. C. Thomas and C. K. Urquhart, Jr., F. A. Flinn, Inc., New York City.

Spencer Lathrop, Lasher & Lathrop, Inc., New York City.

Jacob Nacht, Union Card & Paper Company, New York City.

A. C. Damon, Paul E. Vernon & Co., New York City.

Geo. A. Mathews, Jr., New Haven Paper Company, New Haven, Conn.

R. P. Andrews, R. P. Andrews Paper Company, Norfolk, Va.

J. A. Carpenter, Kansas City Paper House, Oklahoma, Okla.

J. B. Jones, Western Newspaper Union, Oklahoma, Okla.
I. W. Carpenter, Carpenter Paper Company, Omaha, Neb.
J. B. Jones, Western Paper Company, Omaha, Neb.
T. J. Hare and T. M. Simpson, Megargee-Hare Paper Company, Philadelphia.

Thos. R. Fort, Thos. W. Price Company, Philadelphia.

Arthur B. Sherrill, Riegel & Co., Inc., Philadelphia.

W. S. Wilcox, D. L. Ward Company, Philadelphia.

A. H. Smith, The Alling & Cory Company, Pittsburgh.

F. P. Scamman, C. M. Rice Paper Company, Portland, Me.

T. C. Gregory, R. L. Greene Paper Company, Providence, R. I.

Geo. T. Smith, Richmond Paper Company, Inc., Richmond, Va.

T. H. Epes, Epes, Fitzgerald Paper Company, Richmond, Va.

B. E. Reeves, The Alling & Cory Company, Rochester, N. Y.

C. E. Mack, Mack Elliott Paper Company, St. Louis, Mo.

A. D. Aiken, Wright, Barrett & Stilwell, St. Paul, Minn.

J. B. Jones, Western Newspaper Union, Salt Lake City.

C. E. Schoff, San Antonio Paper Company, San Antonio, Tex.

J. B. Jones, Western Newspaper Union, Sioux City, Ia.

G. M. Jaquith, Springfield Paper Company, Springfield, Ill.

R. A. Likens, Springfield P. Supply Company, Springfield, Mo.

O. A. Miller and F. E. Miller, Central Ohio Paper Company, Toledo, O.

W. L. VanAlstyne, Troy Paper Company, Troy, N. Y.

R. P. Andrews and Alfred Tennyson, R. P. Andrews Paper Company, Washington, D. C.

J. B. Jones, Western Newspaper Union, Wichita, Kan.

R. P. Andrews, R. P. Andrews Paper Company, York, Pa.

D. F. McIntosh, American Paper Exports, Inc., Export Agency.

A. Laubscher, P. P. Kellogg & Co., Div., Hammermill Envelopes.

E. R. Behrend, N. W. Wilson, W. F. Bromley, W. S. Epply, C.

W. Chabot, J. F. Wuenschel, W. H. Baldwin, M. M. Davis and M. Harrison, Hammermill Paper Company, Erie, Pa.

R. B. Taft, Hammermill Paper Company, New York City.

Eddy Company to Build at Three Rivers

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., March 10, 1919.—The Eddy Paper Company will build its new board mill and box factory in Three Rivers, Mich. Positive word to that effect was received Saturday afternoon from C. E. Nelson, general manager and secretary. It was further stated that the company will take over the property immediately adjoining its present plant and is now exercising options that were secured on this land.

"I don't know just exactly how large our new site will be," said Mr. Nelson. "Until we have secured all the land on which we have options and get a general line on the situation, we cannot lay out our proposed mill and box factory. It is our intention to erect the box factory first, and will probably begin work on that division this spring. The board mill will be an after consideration."

New Assistant Treasurer of Hammermill Co.

ERIE, Pa., March 17, 1919.—At a recent meeting of the board of directors of the Hammermill Paper Company, William F. Bromley was elected assistant treasurer. Mr. Bromley is widely known in the paper trade, but his election to an executive position in the treasury department may come as a surprise to many who know him best in connection with the Hammermill sales organization.

Mr. Bromley has always been a close student of finance, and this fact, together with his early training as an accountant, exceptionally fit him for the favorable recognition at the hands of the Hammermill board of directors.

Mr. Bromley also retains his post as assistant manager of sales, a position he has held ever since he joined the Hammermill organization in May, 1914.

TRADERS' BRANDS OF
Manila Document and Tag Boards

ONYX—PHOENIX—YALE—CHIEF and NO. 1

SOLID MANILA BOXBOARDS

OF EVERY DESCRIPTION

WHITE MILL BLANKS

UNSURPASSED QUALITY

PROMPT SERVICE

PAPER DEALERS—We have the facilities to serve you. Write for sample sets and prices.

UNITED PAPERBOARD CO.

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SALES OFFICES

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It's Been Proven

Acid Proof Wood Pipe

Experts have put the best of themselves into the making of **WYCKOFF ACID PROOF WOOD PIPE**, the premier piping for paper mills—first, in strength, in durability, in capacity, in economy.

There is much to say about **WYCKOFF**—and paper mills throughout the country are glad to say it. Let us send you a few proofs.

A. WYCKOFF & SON CO.,
 ELMIRA, N. Y., U. S. A.



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LUBRICANT

For Calender Rolls, Gears and Machinery of Every Description

MADE from a highly refined petroleum base. Contains no animal fats, acid, alkali, water nor any ingredient injurious to metals.

Thoroughly lubricates all bearings and parts; forms a film, adheres to and follows the gears, or surfaces, cushioning and protecting from friction and undue wear on points of contact.

Resists heat, steam, water and rust.

Is adhesive and cohesive; does not leak, drip, waste nor throw out, used in the proper consistency. Lubricates perfectly under extreme conditions.

Furnished in standard and special consistencies to meet every requirement.

Sample and literature upon request.

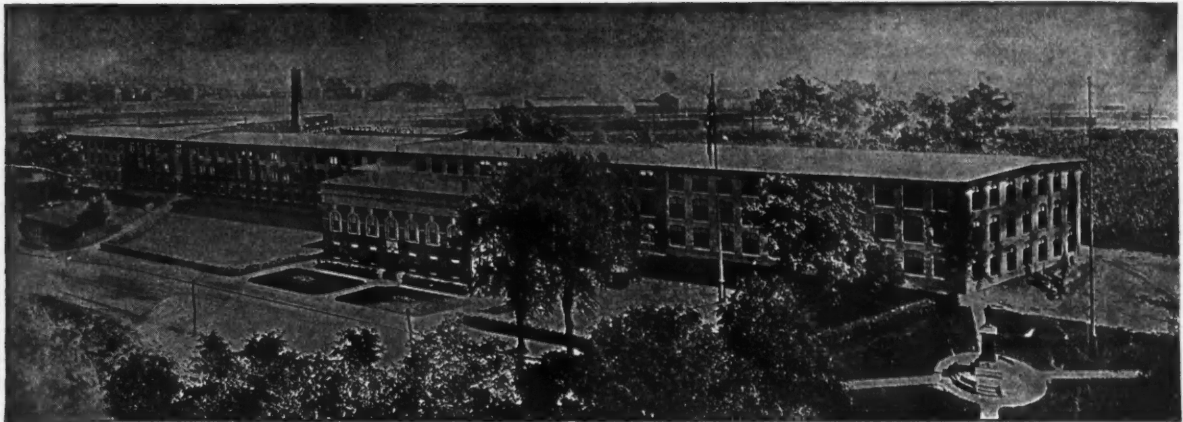
United Lubricants Company

of New York, Inc.

241 East 136th St.

New York, U. S. A.

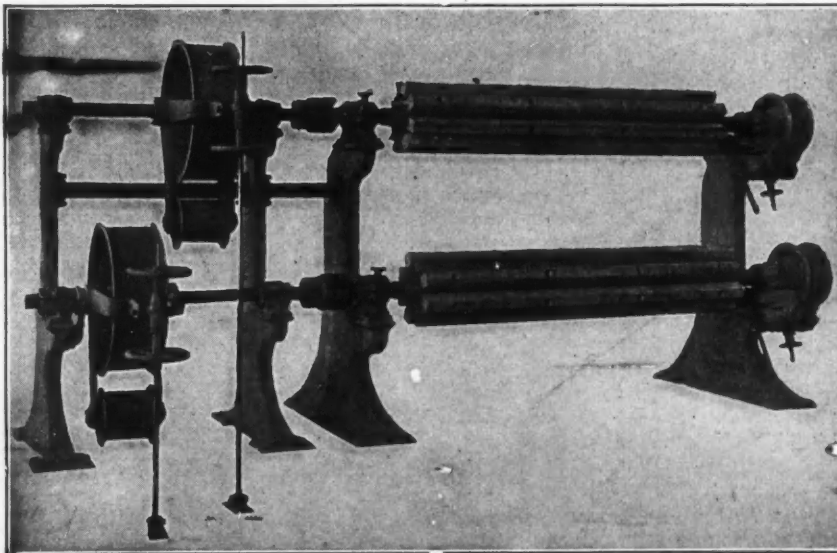
F. C. HUYCK & SONS ALBANY, N. Y.



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



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Builders of Paper and Pulp Mill Machinery



Sheet and Roll Pasting Machines

We issue a Catalogue which
contains real information.
Write for it.

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**ECONOMY
QUALITY
AND
QUANTITY**

our high speed Straight
Fourdrinier, Harper
Fourdrinier and Cyl-
inder Machines are
unsurpassed.

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AURAMINE
BASIC GREEN
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BASIC NEWS BLUE

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A. KLIPSTEIN & COMPANY
 644 Greenwich St. New York City

We are the largest Dealers

in

BLEACHED, EASY BLEACHING

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UNBLEACHED SULPHITES

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Samples and quotations upon request.

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PLIBRICO is a plastic substance that makes a solid one-piece fire box lining without joints.

It will increase the efficiency of your boiler 15%. It will make your furnaces gas and air tight and greatly reduce the cost of upkeep.

Will outwear any firebrick made.

Write for further information.

**Jointless Fire
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1879 Kingsbury St.
 CHICAGO, ILL.
 Canadian Agents,
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We Manufacture

Methyl Violet

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Equal to Pre-War Quality

Send for samples and prices on any colors for Paper Trade

ZOBEL COLOR WORKS, Inc.

Office and Works:

95-127 Ninth St., Brooklyn, N. Y.

New York Trade Jottings

Daniel Lewerth, of Lewerth & Culbertson, paper dealers of 72 Duane street, who has been ill the greater part of the winter, has now regained his health and has returned to his desk.

* * *
The Continental Folding Paper Box Company of 122 Washington avenue, Brooklyn, has been elected to membership in the Merchants' Association of New York. Michael Rossum is president of this concern.

* * *
The convention of waste material dealers at the Hotel Astor, and the meeting of news print manufacturers and labor leaders, held at the Murray Hill Hotel, has brought an unusually large number of men connected with the paper industry to New York this week.

* * *
The threatened strike of waste paper packers has been called off, because of the strike of marine workers in New York harbor. The owners of packing plants would not have granted the demands of the men, as the harbor strike has tied up all shipping, and a strike at this time would have been of no benefit to the workers.

* * *
David Galloway, who has for many years been general manager of the Gatti-McQuade Company, will leave that firm on April 1, to join the forces of William Hughes & Co., of 84 Metropolitan avenue, Brooklyn. This concern has leased the entire fourth floor of the Rowan Building at Fifth avenue and 43rd street, and on May 1 they will open offices on these premises.

* * *
The luncheon club, which was recently organized by Walter Hicks, of Daniel M. Hicks, Inc., has so far been extremely successful. The following members meet at Mouquin's for lunch every day: Daniel M. Hicks, Walter R. Hicks, L. F. Hicks, and A. T. Hicks, of Daniel M. Hicks, Inc.; E. Saloman, of A. Saloman, Inc.; F. H. Chase, of Chase & Norton; L. Darmstadt, of Darmstadt, Scott & Courtney; A. Ragone, of the Main Paper Stock Company, A. J. Moran of E. B. Thomas, Inc.; A. C. Costarino, of Hicks-Costarino, Inc., and Walter Clarke of the Maurice O'Meara Company.

* * *
Storm King Paper Company, of 5 Beekman street and Moodna, N. Y., has filed schedules in bankruptcy, with liabilities of \$155,828, of which \$105,509 are unsecured claims and assets of \$129,872, consisting of real estate, \$102,700; cash, \$100, and account due, \$366. The real estate is said to include about thirty acres of land in Moodna, N. Y., which, with plant, is valued at \$100,000, said to be subject to mortgage and conveyance of \$50,000, and is said to have been conveyed by deed to Old Forge Paper Company. Among the largest creditors are Sprinkle Water System, \$17,500; Atlantic National Bank, \$11,000; P. Garvan, Inc., \$9,966, and Berlin Mills Company, \$7,900.

New Box Factory for Miami

MIAMI, Fla., March 17, 1919.—The factory of the Florida Folding Box Company shortly will begin operations in the building it has leased on 1st street, between Avenues C and D, the machinery and stock for the plant having been ordered several days ago. Within one year it is expected that between 50 and 100 people will be employed at this factory.

The company, which is composed of Caspar Hefty, president; Jos. J. Lanzit, vice-president, and L. Hefty, secretary and treasurer, is applying for letters patent incorporating the concern with capital stock of \$15,000. Mr. Hefty, the president, is the proprietor of the Hefty Press, one of the large printing establish-

ments of the city, while Mr. Lanzit, who will be the general manager, was formerly president of a large folding box company in the city of Chicago. He was recently called to England as an expert to put a large factory there on a paying basis, which he succeeded in doing.

He has come to Miami for his health and cannot resist taking advantage of the big opportunity he sees in the folding box line here.

Westinghouse New Annual Catalogue

The Westinghouse Electric & Mfg. Company of East Pittsburgh, Pa., has issued a complete catalogue in which all of its electrical supplies are listed. In compiling the catalogue every effort was exercised to make it of the greatest convenience to purchasers.

The catalogue is made up of 1,264 pages of description pertaining to the products of the company and a score of other pages contain a complete cross index, and index to style numbers, and a table of "Approximate Cost Multipliers," which enables one to figure the approximate cost of all supplies listed.

Although the book is called a catalogue, it contains a vast amount of information of a technical and engineering nature. Practical suggestions for the use of many kinds of apparatus for the transmission and utilization of electric power are given.

It is planned to issue this catalogue annually. The publication of this catalogue is quite noteworthy as it is the first book of such a nature published by an electrical concern having the wide diversity of products sold by the Westinghouse Company.

Optimism in Miami Valley

[FROM OUR REGULAR CORRESPONDENT.]

Dayton, Ohio, March 17, 1919.—A decidedly optimistic view of business conditions and the future possibilities of the paper manufacturing trade in particular, is taken by many Miami Valley manufacturers who this week are beginning to realize that it pays to boost. The demand for book, writings, bonds and kindred grades is improving, while wrappings and building papers are in fairly good call. The increase in the building trade is having a perceptible effect and it is believed that within a short time the increase in building alone will greatly facilitate the paper business. Never before has the prospect, locally, been as bright from the building standpoint, and Dayton is expected to retain its "world" record, this city having consistently led the nation in value of new structures for an indefinite period.

"There has been a fairly good tone to the paper market during the past week," said a veteran member of the trade. "Though our business could have been better, it was satisfactory, in view of conditions, and the tone of the market is such as to justify our belief that it will continue to improve. Quotations remain steady."

Gift for Each Year of Service

[FROM OUR REGULAR CORRESPONDENT.]

FRAMINGHAM, Mass., March 11, 1919.—More than 1,700 employees of the Dennison Manufacturing Company today participated in a cash distribution of \$5 for each year they have been with the concern. This was the means taken by the company to celebrate the 75th anniversary of the foundation of the business in the little house in Brunswick, Me., and the 100th anniversary of the birth of the founder, E. W. Dennison, who guided the progress of the company until his death in 1886.

All of the 2,645 people upon the payroll of the company participated in this notable anniversary distribution, with the exception of the "principal employees" and such other workers as have not been with the concern for at least one year, the latter numbering 631. Five dollars was given for each year of service, dating back from March 11, 1919. Employees, however, must have been with the concern for at least one year.

"AMERICAN" TWINES



Paper Makers' Twine

Tube Rope

Wall Paper Twine

Hay Rope

Fine and Coarse Polished Twines

Manila Rope

Transmission Rope



For Prices Write Department M

American Manufacturing Company

Largest Makers of Commercial Twines and Rope in the World

Mills and Sales Office:

NOBLE AND WEST STREETS, BROOKLYN, NEW YORK CITY

The Sandy Hill Iron & Brass Works

Hudson Falls, N. Y.



Manufacturers of **Paper and Pulp
Mill Machinery**

DEMAND BETTER BUT PRICES WEAKER IN PHILADELPHIA

In Wrapping and Cheaper Grades of Paper Consumers' Supplies Are Apparently Exhausted and This Trade Is Coming Into the Market Again Though It Is Rather Insistent on Reductions, and Is Disposed to Buy Only for Immediate Needs—Crane Paper Division Has an Enjoyable Meeting—Philadelphia Paper Stock Dealers' Association Prepares for Big Banquet April 24.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, March 17, 1919.—The rather anomalous condition exists this week that with demand improved over last prices show some tendency to weaken. And yet when you listen to the story of the jobbers the explanation is satisfactory. So far as wrappings and the cheaper grades are concerned, the fact is that accumulations which were made by large consumers such as the textile industry and others to assure a supply in war times have been exhausted or are nearing depletion, and this class of trade is beginning to come into the market again. That is the explanation of the inquiries which were received by the trade some weeks ago. Now sales are following. But the buyers are wary over prices, are rather insistent on reductions and are not disposed to buy for more than immediate needs. A somewhat similar condition of affairs exists in the market for machine finished and even coated book stock. The printers and publishers have orders which must be filled, and not all of them have stock.

The mill men are easing off prices to the jobbers, and they are benefitting. The mill men explain that there is nothing in market conditions which honestly warrants a reduction because the big factors of labor are still high and raw materials are not off sufficiently to effect radically the price. It is just because overhead expenses continue so high that the mill men are ready for the mere sake of keeping machines working and labor forces intact to sacrifice prices—and profits—for the sake of getting orders. Those mills, however, which are so located that they have a large field from which to draw, as, for instance, those in and about Philadelphia, have decided that a partial closedown is preferable to cutting down prices. It is reported that some of the machines have been closed down to a 50 per cent. reduction, and that still further decrease of output is contemplated. Price reductions are most general in books, manilas and boards.

The stock dealers, both in paper and rags, report exceedingly slow business. One of the most representative, D. Ridgway Burr, of Burr Brothers Company, today expressed the opinion that in his forty-three years of intimate acquaintance with the trade he had not known a time of as great sluggishness as the present. Paper stock men generally report that the mill men are entirely indifferent to their offerings, and that few of them are in the market at all. Still, the amount of stuff which is coming into the dealers' warehouses is not very great, and danger of a glut has not yet manifested itself.

Coarse Paper Division Meets

But bad times in the trade did not prevent good times in a social way when the members and guests of the Coarse Paper Division of the Philadelphia Paper Trade Association sat down to dinner last week at the Bourse in continuation of that delightful custom of entertainment inaugurated some months since. There were present these guests: Edward Walter, of the D. L. Ward Company; Joseph Weaver, of the Garrett-Buchanan Company; Charles Wilder, of Wilder Brothers; Horace Hillegas and Harry Jacobs, of the Franklin Paper Company; Maurice Lowe, of the Lowe Paper Company; Nathaniel Saxe, of the Saxe Paper Company; H. J. Hogg, of Hogg, Shuttleworth & Mathers, and

Clark H. Morian, manager of the J. L. N. Smythe Company. Mr. Morian, in an address, struck the keynote of the informal talks which were made when he emphasized the need of gathering statistics regarding the production and consumption of paper so that both buying and selling could be conducted more intelligently. The idea was, however, expanded so that when the speaking was over the division had come to the conclusion that it will be advisable to engage the services of a statistical secretary, who will have at his finger end for instant use, facts on overhead charges, cost of doing business, first cost and all other elements which enter into the transaction of business and which will enable patrons to know exactly on what margin of actual profit or loss they are doing business.

Paper Stock Dealers to Dine

There is an even greater social occasion in prospect—the last wet dinner of the Philadelphia Paper Stock Dealers' Association, foregone last year because of the war, and therefore this year to be doubly enthusiastic. At the last gathering 140 were present. At this time several hundred are expected for, departing from the usual custom, invitation of guests—principally mill men—is to be left to the members individually. The banquet is to be held at the Hotel Bingham Thursday evening, April 24. The cost per plate is \$5. The principal speaker will be E. Van G. Badger, of E. G. Badger & Son. The committee of arrangements consists of Thomas F. Simmons, William J. McGarity and Frank A. D'Miller.

Buys Paper Stock Business

The paper stock business which the Bicking Paper Company of East Downingtown, Pa., conducted at 111-113 North Second street for the last twenty years, has been sold out to the Penn Paper Stock Company, of which William J. McGarity is president, at Front and Race streets. The Penn Company will continue stock business at its present location, but will devote the old Bicking warehouse to the sale of new newspaper, baling presses of which four makes are carried, wire bale ties and similar articles.

On the death of Samuel Bicking, president of the Austin A. Bicking Paper Mills, his son, Frank Bicking, succeeded to the presidency. Since then he has been dividing his time between mill and warehouse. Finding both too much he has determined to confine himself to the manufacturing business, and for that reason he sold out the paper stock business. The Second street building is being completely remodeled, and improvements are being installed which will double the capacity. It will be in charge of D. C. McGibeny, who for six years was manager of the Bicking Company. The National Fibre Company of York Lynne, Del., which had its Philadelphia office in the Bicking property, will continue there under the management of Hove Smith, Jr.

Estate of Giles Monville

The estate left by Giles Monville, the widely known paper stock dealer, whose death was reported in these columns recently, has been appraised at \$10,000, and in his will disposing of it bequests of \$200 each are made to the Little Sisters of the Poor, 18th and Jefferson streets; St. Vincent's Home and the Little Sisters of Germantown. The residue of the estate is devised to Mr. Monville's children.

General News of the Trade

The E. I. du Pont de Nemours Company is concentrating its office force in Wilmington, and in order to accommodate it a large addition is being built to the company's twelve-story building. When both are completed the du Pont office building and adjoining hotel will cover two city blocks.

The Charles J. Cohen Envelope Company has secured a permit for the rebuilding of its plant at 506 to 510 Ludlow street,

(Continued on page 46)



THE GOODRICH TIRE

Resilience with Durability

WERE durability the only quality needed in an automobile tire, the ideal tire would be a steel ring. Were resilience the one quality, the ideal tire would be an inner tube.

But the problem of the tire manufacturer is a precise and peculiar adjustment of these more or less antagonistic factors, whereby the utmost resilience is gained at the least loss of durability.

From the first American automobile tire, which it is significant was made by the B. F. Goodrich Company, the rubber experts of Goodrich have studied, labored, and tested to produce the *durable-resilient* tire.

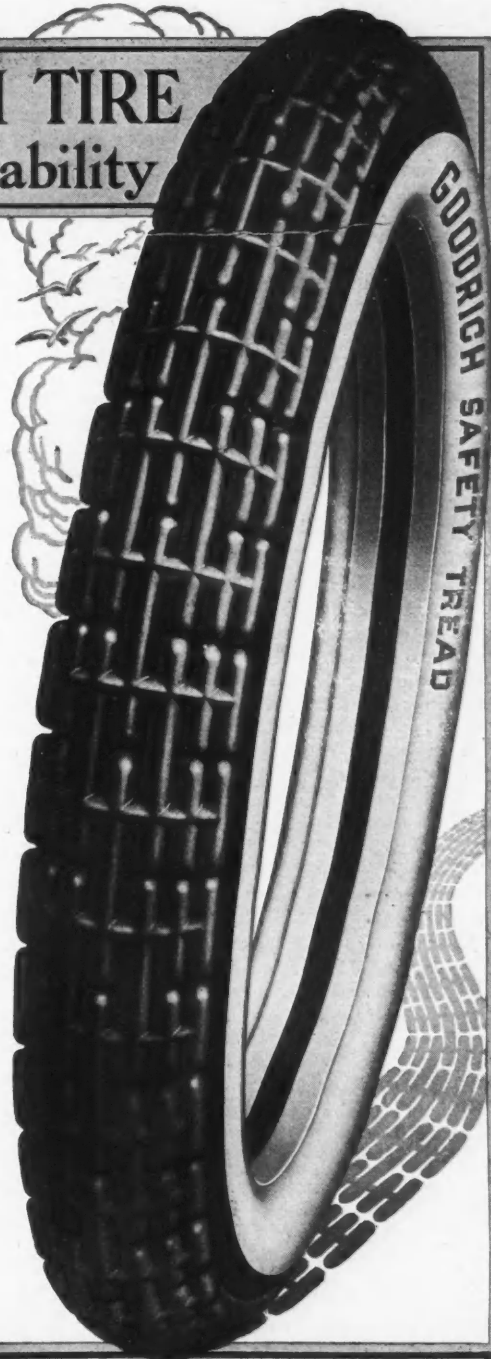
They have produced *black tread rubber*, proven by test the toughest, most lasting rubber compound.

They have evolved the Goodrich SAFETY TREAD with the interlocking safety bars—a practical non-skid that stops a forward or side skid.

Furthermore, the tread *extra wide*, spreads the safety bars to the side of the tire and carrying the tough rubber up, till it is overlapped by the side-strip, fortifies the sidewall where tires are naturally weakest.

Goodrich tires have durable resilience, which in terms of service is easy riding comfort, combined with long mileage.

Buy Goodrich Tires from a Dealer.



GOODRICH

TIRES

"BEST IN THE LONG RUN"

APPEAL IN TIMBER CASE BY TAGGARTS PAPER CO.

Company Contends That Law Is Unconstitutional Upon Which the Attorneys for the State Base Their Claims—Also Claims Interest on \$212,942.97 Allowed the Company on Lands Taken by the State in 1909—State Holds That the Company Has Forfeited the Right to Interest—Knowlton Bros. Co-operative Association to Cultivate Big Garden During the Next Season.

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., March 17, 1919.—A claim of over \$115,000 against the State of New York is now taken before the Appellate Division by Taggarts Paper Company. It is an appeal from the judgment of the Court of Claims in denying interest on the \$212,942.97 allowed the company for lands taken by the State in 1909. The price paid for the property last year was based upon the appraised value of the timber tract of \$11,897 when taken in 1909, but no interest on the money was allowed.

The present appeal is based upon various grounds, one of which is the unconstitutionality of a certain law upon which the attorneys for the State base their arguments in support of the decision of the court of claims. The paper company sets forth that the constitution provides that the State can not take property without just compensation. It also maintains that even under the statute set up by the attorneys for the State interest should be granted.

The timber tract of 11,897 acres in the Adirondacks owned by Taggarts Paper Company, and from which pulp wood to supply the mills was being cut, was taken over by the State on January 9, 1909. Until December, 1917, litigation was in progress which finally culminated in the State turning over last year \$212,942.97 to the company. This was considered reasonable for the valuation of the property in 1909 by President George C. Sherman, provided interest were allowed since 1909. The court denied this, and thus the appeal.

Under the original transfer the company was permitted to cut such trees as were marked by the State on certain portions of the tract. The pulp wood being required to keep the paper mills running certain wood was taken under the agreement, but only such as was marked by State representatives.

The State now holds that, in view of the fact that such timber was taken by the company, that under the statute the company forfeits its right to interest on the purchase price.

The paper company takes the position, in addition to the unconstitutionality feature, that in as much as the State took title to the land, together with the timber not marked in January, 1909, that at that time all timber not marked and all land was taken from the possession of the company nine years ago, or nine years before the company received pay for it. Further, that in as much as the award covered all land and timber involved, and was on the valuation of 1909 instead of 1917, the State had not allowed anything in interest upon the money value fixed or upon the increased value of the property during the nine years intervening.

The State is represented by A. F. Jenks, deputy Attorney General, who takes the position that the statute provisions accepted by the company when it cut timber on the tract prohibit the collection of interest. Adelbert Moot, of Buffalo, appears for Taggarts Paper Company, and claims full accumulative interest on the award for nine years on the primary grounds that the constitution supercedes the statute and also that only a portion of the property at best was used by the company during the period.

It is expected that whatever the decision of the Appellate Division an appeal to the Court of Appeals will follow.

To Cultivate Extensive Garden

About twenty-five members of Knowlton Brothers' Co-operative Association are going to join hands this spring in an extensive gardening project, out of which they hope to garner a bounteous harvest next fall. They have acquired the habit of doing their bit during the progress of the war, and now they cannot resist the desire to continue to cultivate war gardens.

James C. McCormick, one of their leaders, said today that he is representing the group of members of the association in arranging for the use of the 14-acre plot of ideal gardening land in Upper State street, known as the H. P. Dunlap property, now owned by the Jefferson County Orphans' Asylum. He said that as one of the trustees of the orphanage he is in a position to say that the gardening scheme for this year is possible.

As soon as spring weather permits the entire plot will be plowed by the combined interests and the work of planting carried out. The daylight saving hours will allow several hours' time each day during the spring and summer for cultivation of the crops. It is believed that at least 1,000 bushels of potatoes could be harvested, or a large crop of them grown with ample space for the growing of other garden truck also.

The men are in earnest about the project, and with the usual persistence which characterizes the members of this association it may well be concluded now that the project will materialize as a big success.

NEWS PRINT REVIEW FOR FEBRUARY

(Continued from page 12)

Prices on the Pacific Coast were very much higher than in other parts of the country for both rolls and sheets.

Jobbers' quotations for February show a slight decrease in prices.

Manufacturers' Prices

Thirty-seven new contracts for news print aggregating 42,445 tons were reported by manufacturers during February. The bulk of the tonnage ranged from \$3.75 to \$4.00 for rolls f. o. b. mill in car lots. All contracts for sheets were reported at \$4.25¼.

Current shipments of roll news were at prices ranging from \$3.50 to \$4.50. Current shipments of sheet news were at prices ranging from \$3.75 to \$4.75 per 100 lbs. f. o. b. mill in car lots.

Pulp Prices

More than 59 per cent of the sulphite receipts (news grade) on contracts ranged from \$70 to \$80 per ton f. o. b. mill. The remainder was reported at various prices. More than 55 per cent of the current receipts ranged from \$80 to \$90 per ton f. o. b. mill. The remainder was reported at various prices.

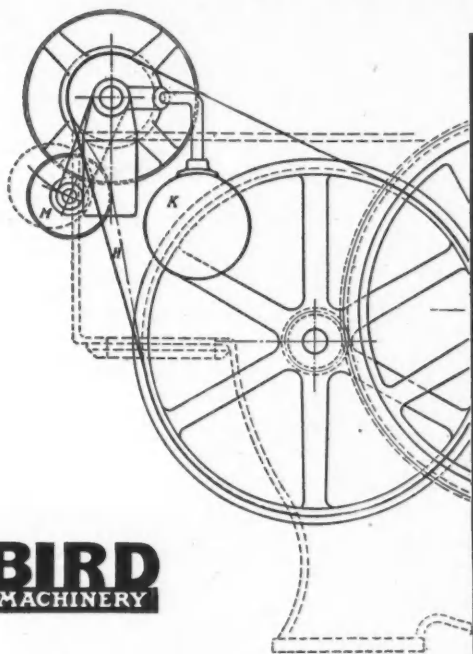
More than 59 per cent of the contract receipts of ground wood pulp ranged from \$24 to \$35 per ton. The remainder ranged higher in price. There were no current receipts of ground wood pulp reported.

An Incident Regarding Felts

Complaints are occasionally heard about paper makers' felts being burned with acids, or at any rate, having the appearance of acid having been on the felt. How this may occur was related recently by a traveling representative of a paper makers' felt concern. He stated that he was shown a new felt which he judged and any one who looked at the felt would judge, had come in contact with acid of some kind. It had a reddish appearance and it could be picked upon as though it had been burned.

The explanation was that the felt with paper on it had been set against a brick wall. The wall sweat which worked through the paper into the felt and whatever came out of the brick, had formed an acid and burned the felt.

A feature of BIRD SAVE-ALLS worth careful consideration



**BIRD
MACHINERY**

When the level of water falls below a given point, idler pulley (M) falls away from belt (H) which slips. This reduces speed of cylinder. As accumulation of stock on mould prevents free flow, level rises and carries float (K) upward. Idler pulley (M) tightens to point of driving and action of recovery recommences.

It is obvious that the speed of the cylinder should not be constant as the volume of white water is not.

With the low head outside the cylinder the stock will not stay on the mould. Keeping this in mind, we designed the attachment known as the

BIRD Variable Speed Drive for Cylinder Mould

This equipment is furnished as standard on all Bird Save-Alls and provides regulation of speed of cylinder to volume and consistency of white water, so more long fibres can be recovered.

A further feature is the shower control which by means of a butterfly valve shuts off when cylinder stops.

To save the most valuable long fibres, use a Bird Save-All.

Write for Catalog No. IIA. It will show you why you can not afford to be without a Bird Save-All.

BIRD MACHINE COMPANY
EAST WALPOLE MASS

General Sales Representative—T. H. Savery, Jr.
1630 Republic Building, Chicago, Ill.

Editorial

Vol. LXVIII. New York, Thursday, March 20, 1919 No. 12
FORTY-SEVENTH YEAR

To Improve Export Statistics

As a result of the needs of the Government and of business men generally steps are being taken by the Department of Commerce to improve import and export statistics through a new commodity classification. If the new method works out the way it is hoped it is entirely probable that it will also, at some later date, be used as a basis for statistics of domestic consumption and production.

The Forest Service has been asked to look over the new draft and to furnish recommendations as to approval or specific amendment of schedules affecting paper, wood, wood products and certain auxiliary commodities, together with the reasons for such changes. Officials of the service are looking for constructive criticism along this line. Various exhibits have been prepared from the complete classification by an inter-departmental committee composed of representatives of the United States Shipping Board, Bureau of Foreign & Domestic Commerce, Census of Manufactures, Treasury Department, Tariff Commission and the War Trade Board.

The new classification is expected to be put into effect on January 1, 1920, and beginning on the same date all import and export statistics will be based on the calendar year instead of on the fiscal year as at present.

This is an improvement that will be appreciated by many in the paper trade as the figures as given out at present are not by any means as helpful as they might be.

Stocks On Hand

In the summaries of reports from Federal Reserve agents throughout the country in answer to a questionnaire recently sent out to ascertain the extent of business and industrial readjustment made public early this week by the Federal Reserve Board a less favorable condition than recently was apparently disclosed. The report showed in general large stocks in the hands of manufacturers and dealers and a lessened demand, with prices decreasing in many cases.

A typical example of the reports from industrial districts is said to have been afforded by the tabulation of replies to questions from business concerns in the Philadelphia district. These questions and classified replies were as follows:

"Are the quantities of materials, supplies, and goods as shown by your last inventory larger than usual? Yes, 114; no, 129.

"Are they principally for war or civilian businesses? War work, 20; civilian business, 221.

"Have the prices of your product been lower recently from the high prices prevailing during the war? Yes, 148; no, 93.

"Is labor more abundant? Yes, 225; no, 21.

"Is labor less restless? Yes, 147; no, 91.

"Is there less re-employment? Yes, 136; no, 62.

"Is labor more efficient? Yes, 90; no, 142.

"Has there been any lowering of wages? Yes, 17; no, 228.

"Are you paying less for raw materials? Yes, 131; no, 89.

"Is the supply adequate? Yes, 212; no, 16.

"Do you anticipate making any extensions or repairs to your plants in the near future which will necessitate the purchase of building materials or equipment? Yes, 42; no, 203.

"Have you a satisfactory amount of orders on hand? Yes, 81; no, 150."

While this report is not as favorable as might be desired, it is surprising, when the predictions of some pessimists a few months ago as remembered to find it as good as it is. Most folks in the paper trade believe that business will revive more satisfactorily in the not very distant future.

Get Off the Sucker List!

Are you on the sucker list?

If you are, it is probably because you are *not* a sucker but a patriotic citizen who has known the Liberty Bond to be a good thing.

Get-rich-quick swindles have been the great American sport for years. The sharpers who sell fake stocks saw their game endangered when Uncle Sam started his great Liberty Loan campaigns.

But they are smart—these gentlemen who live by their wits.

Instead of complaining, they jumped in and put themselves and all their employees to work selling Liberty Bonds.

And they kept lists of the names of the people to whom the Liberty Bonds were sold.

Now those lists, combined, make what the sharks regard as the biggest and best "sucker list" the gentry ever had. They are even dealing in them—buying and selling them among themselves.

If you have a Liberty Bond or a book of War Savings Stamps you are a "prospect" for fake stock. Your name is on the sucker list of the oily-tongued sharper.

You are not to blame for being on the sucker list, but it is up to you to get off—away off—that list at your first opportunity.

The American people are paying out some half a billion dollars a year to the support of worthless stock schemes. They reap therefrom \$500,000,000 worth of—thin air.

That is not a guess. It is the figure given by the Capital Issues Committee of the U. S. Treasury. And the committee assures us that it is conservative.

Moreover, the half billion represents just the cold cash that is turned in every year by otherwise level-headed Americans seeking a milk-and-honey path to quick wealth by the green stock certificate route. It does not take into account the vast economic loss incident to broken fortunes, impaired effort of discouraged investors and to the diversion from legitimate business enterprise of new productive capital.

The Capital Issues Committee, charged with keeping the nation's investment dollars on a work-or-fight basis during the war, has made a searching inquiry into the devious by-ways of fraudulent stock promotion. Its conclusion is that never perhaps in the history of the country has wild-cat investment practice been so flagrant—from coast to coast—as today.

As a result of the government's great war loan campaigns, there are now hundreds of thousands of Americans converted to the idea of saving and investing. With a very great proportion, their investment experience is limited to the good, rock-bottom government war bond.

The fakir is after them. Thousands of "salesmen" carefully drilled in the gentle art of "selling on the first call" and getting out of town, are abroad.

They will tell you were a patriot, a real citizen, to have bought Liberty Bonds. However, you've made your sacrifice, the war's over now—and really $4\frac{1}{4}$ per cent is no return at all in peace times—let us exchange your bonds for this exceptional offering, positively guaranteed to bring in anywhere from 10 to 500 per cent in dividends before the year's out—as soon as the oil well is sunk, or the mine shaft completed, or the property developed, or the like.

That is the brand of the stock swindler today; that he is "willing"—as an accommodation to you, you understand—to "accept" your good Liberty Bonds in "exchange" for his worthless stock.

Happily, there is a Government agency today on the trail of the stock sharp. It is the Federal Trade Commission, empowered by Congress to prevent unfair methods of competition in interstate commerce. The commission may well be expected to look upon the fleecing of Americans of their Liberty Bonds as decidedly "unfair."

If you own a Liberty Bond you'll doubtless have an early call from one of the pleasant representatives of the sharper outfit. When you do, just drop a postal to the Federal Trade Commission at Washington and tell them about that visit and send them the attractive literature that is handed you.

To Reorganize Rainy River Paper Company

VANCOUVER, B. C., March 14, 1919.—At the adjourned meeting of creditors of the Rainy River Pulp and Paper Company held in the Board of Trade rooms on Monday, largely attended by the chief creditors as well as wage earners, a plan for reorganization of the company was presented by Mr. Sweeny, formerly President of the Company.

The resolutions were passed unanimously endorsing the plan as the only feasible scheme of resuming operations, and authorizing the Assignee, John Elliot to transfer the estate to the new company.

The resolutions included provisions that:

"The new company shall take over the undertaking and properties of the present company, subject to the indebtedness secured by the Trust Deed securing the present issue of \$200,000 Gold Bonds. The new Company shall have the right, if it shall be found expedient or necessary to do so, to make a new issue of First Mortgage 6 per cent. Gold Bonds of the par value of \$200,000 for the purpose of retiring the present issue.

"The Letters Patent and By-Laws of the new Company shall also authorize the issue of \$500,000 Refunding 7 per cent. Gold Bonds which shall be issued for the following purposes:

"(a) \$200,000 thereof for the retirement and refunding of the outstanding bonds of the present company, or for the retiring or refunding of the First mortgage bonds of the new company issued as mentioned in the preceding paragraph.

"(b) \$200,000 thereof to be pledged as collateral for an issue of \$100,000 7 per cent collateral gold notes of the new company.

"(c) \$100,000 and the \$200,000 when released from the foregoing collateral pledge, to be available for sale or pledge, for the company's purposes as the directors may from time to time think fit and proper."

Wants Catalogues for Russian Trade

The bulk of Russia's buying power, exercised by eight million people, through membership of twenty million families in thirty thousand co-operative societies forming five hundred Provincial Unions, is concentrated in the All-Russian Central Union of Co-operative Societies.

As a means of establishing direct contact with forward-looking manufacturers of high grade standard products, the Central Union has opened a buying agency for the U. S. A., 167 Post street, San Francisco, to procure machinery and supplies where available quickly, advantageously and in large quantity.

Controlling vast stocks of raw materials, produced in Russia and Siberia, the Central Union desires to promote on a large scale commercial intercourse with America. With this in view, the Central Union desires in duplicate information, catalogues and quantity prices of suitable products for export.

Italian Control of Sulphur Exports

The American ambassador at Rome, according to consular reports cabled on February 18 that a communication received from the Italian foreign office states that the direct sale of sulphur from government to government and the system of compulsory export licenses for each shipment have been abolished. The customs authorities may now issue licenses directly. The allotment of annual quantities for exportation to foreign countries has been abolished by the government, exports being limited now only by the available supplies. Permission to export is conditional on destination to allied or neutral countries outside of the interallied economic blockade. The measures in force up to the present time are superseded by these new orders.

Holden Company Reopens Newburgh Mill

Newburgh, N. Y., March 17, 1919.—The Holden Paper Company has resumed operations at its Newburgh mill after a shut-down of two months. During this period the company has installed a new power plant, rebuilt its paper machines with latest improvements and has completed a new finishing department equipped with the latest up-to-date cutting machines.

The company is now in a much better position than ever to furnish the trade a very much improved line of paper and good service.

EDWIN BUTTERWORTH & CO.

MANCHESTER, ENGLAND

Packers of all kinds of

PAPER STOCK, COTTON WASTE AND GUNNY BAGGING, BUFFALO SIZING, Etc.

83 Sole Agents HAFSLUND

BLEACHED SULPHITE PULP — BEAR BRAND

Boston Office, 136 Federal St. New York Office, 132 Nassau St.

CHARLES H. WOOD, Sr. U. S. Mgr. LEWIS JENNINGS, Manager

"WATERBURY"

Felts-Jackets

ORISKANY, N. Y.

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

1869 {MADE ONLY AND} 1918

{GUARANTEED BY}

H. WATERBURY AND SONS COMPANY, ORISKANY, N. Y.

CONDITIONS IN CHICAGO FAR FROM SATISFACTORY

Prices Are Somewhat Weaker Than a Week Ago and the Demand Is Very Slow in All Branches of the Paper Trade—Disposition to Take Concessions in Prices Where This Will Swing Orders Into Real Tonnage—It Is Not Believed, However, That Present Slackness Will Continue for Any Great Length of Time—Some Representative Houses Have Shortened Paper Discounts.

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, March 17, 1919.—The general condition of the paper market of this city is far from being entirely satisfactory at the present time. Prices are a little weaker, if anything, than they were at this time last week. The demand is very slow in all branches of the paper trade. Reports from the mills are to the effect that they are having trouble in rounding up enough orders to keep going. There is a disposition to make concession in prices where this will swing an order running into real tonnage. Jobbers, knowing that such is the case, are somewhat inclined to play mill salesmen against each other when they have some business to place. On the whole, however, the paper dealers are just as anxious to see prices upheld as are the mill men themselves. Everybody seems to be more or less a victim of circumstances all tending to weaken the market. Under present conditions in the paper market, however, it is only fair to say that every price concession tends to further weaken the market, and entrench those factors which make for poor business. The lack of demand is behind all the trouble in the market. Members of the local paper trade who have been through many similar dull periods do not believe that the present slackness will continue for any great period of time. They attribute it to the changing about of reconstruction. In the near future, they say, the demand for paper will suddenly revive, and then the troubles which now confront the trade will vanish speedily.

Change in Discounts

Chicago paper dealers have shortened their discount terms to customers from 3 per cent and 15 days to 2 per cent and 10 days. The movement is not absolute in the trade, but the majority of the leading houses have declared in favor of the shorter terms. The change is working out fairly well, except with printers and publishers, who are inclined to protest. The printers make a point of the fact that they cannot collect money from their own customers soon enough after the first of the month to make it possible for them to meet their paper bills. There is not as much complaint against the change from 3 per cent to 2 per cent as there is over the change from 15 days to 10 days. It seems probable that the paper houses may revise their terms to 2 per cent and 15 days. Some of the paper houses have made no change at all in their old terms of 3 per cent and 15 days, and declare that they will not do so, regardless of what the others in the case may do. Committees have been appointed by both the paper men and the printers for the purpose of arriving at some conclusion satisfactory to both sides.

Situation in Wrappings Improved

W. P. McNulty, of the McNulty Paper & Twine Company, has gone on a Northwestern business trip. He will visit points in Wisconsin, including Milwaukee, during the next few days. The company, which deals largely in wrapping paper, finds the situation somewhat improved. On account of the general quiet tone of all business, it was expected that consumption of wrapping paper would be curtailed, with a possible decline in price. However, this has not proved to be the case, and the market at the

present time is firm and getting firmer. The whole market, as a matter of fact, has not dropped more than a cent or a cent and a quarter since the first of the year. Compared with the greater breaks in other paper markets, this is a very good showing, in the opinion of the wrapping paper men.

General Trade and Personal News

Frank Borchers, of the Menasha Paper Company, has returned from a short out-of-town business trip. M. H. Ballou, manager of the Chicago office, is expected to return in a couple of weeks from California, where he has been spending the winter.

Ben Newhouse, of the Minneapolis branch of the Seaman Paper Company, recently spent a couple of days in the city.

Ed French, of the French Paper Company, Niles, Mich., visited in the city during the week.

W. E. Perry, manager of the Chicago and western branch of the Crocker-McElwain Company, Mt. Holyoke, Mass., has returned to the city after finishing a western trip.

Ed V. Fox, of the Nekoosa-Edwards Company, Port Edwards, Wis., is back in the city after a trip to Cincinnati and several other outside points.

Frank Milham, of the Bryant Paper Company, Kalamazoo, Mich., was in the city last week.

Among the visitors in the city last week was I. S. Reynolds, sales manager of the Groveton Paper Company, of Groveton, N. H.

Dick Crotteau, of the Dick Crotteau Company, has returned to the city after finishing an out-of-town business trip.

C. H. Sage, of the Kimberly-Clark Company, recently paid a visit to the mill.

H. W. Suter, manager of the cardboard department of the Champion Coated Paper Co., was among the out-of-town visitors during the week.

George Olmsted, of the J. W. Butler Paper Company, is at his office again after returning from a business trip to New York.

John Powell, manager of sales for the Monarch Paper Company, of Kalamazoo, Mich., visited in the city during the week.

C. H. Phipps, sales manager of the Watab Pulp and Paper Company, Sartell, Minn., spent a few days in the city during the week.

The "no beer, no work" campaign is being pushed hard among the employes of paper firms, and the men who do the teaming. If they mean what they say, or what the buttons say, rather, there will be a difficult time for a while after July 1. Among the sales forces and office forces of the paper houses, there is a feeling that the prohibition act is for the best interests of the country at large.

Ed. J. Schmidt, of Parker, Thomas & Tucker, paper dealers, has started eastward on a two weeks' trip. He will visit the mills in the Miami Valley, and will then proceed as far as the Atlantic seaboard.

L. G. Thomson, production manager of the Champion Coated Paper Company, was in the city on business this week. Fred Dresskell, manager of the Chicago office, has gone to Detroit and Cleveland on a short business trip.

Ray Russell, Chicago representative of the Marathon Paper Mills, Rothschild, Wis., has returned from a trip to Cincinnati and other points outside of Chicago.

F. L. McClellan, of the McClellan Paper Company, Minneapolis, was recently a visitor in the city.

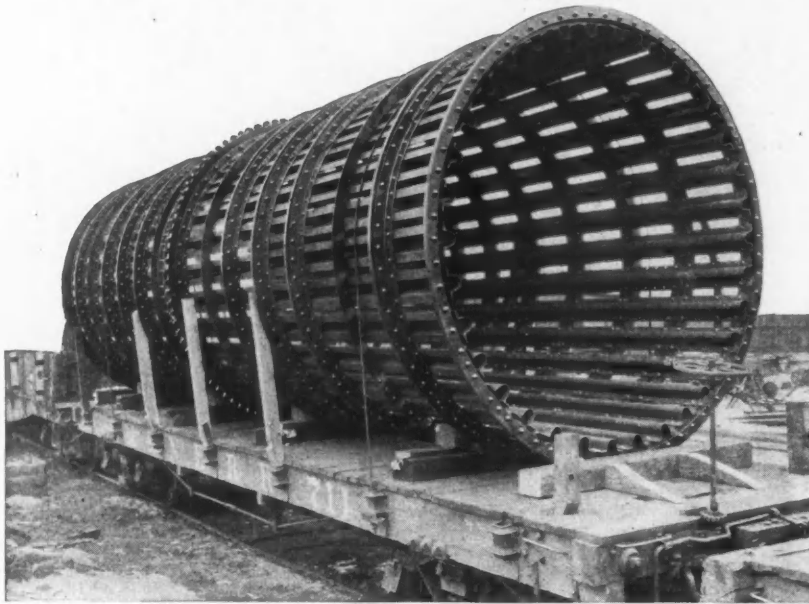
H. G. Prosser, of the Bermingham & Prosser Company, has returned from a trip to Kalamazoo, Mich.

To Give Preference to Returned Soldiers

OTTAWA, Ont., March 15, 1919.—The E. B. Eddy Company, Limited, have announced to The Great War Veterans' Association that in future when there are any vacancies to be filled in the company's paper mills at Hull, preference will be given to returned soldiers with war records. This announcement has considerably elated the ex-soldiers.

OUR NEW "U" BAR DRUM

PATENTED



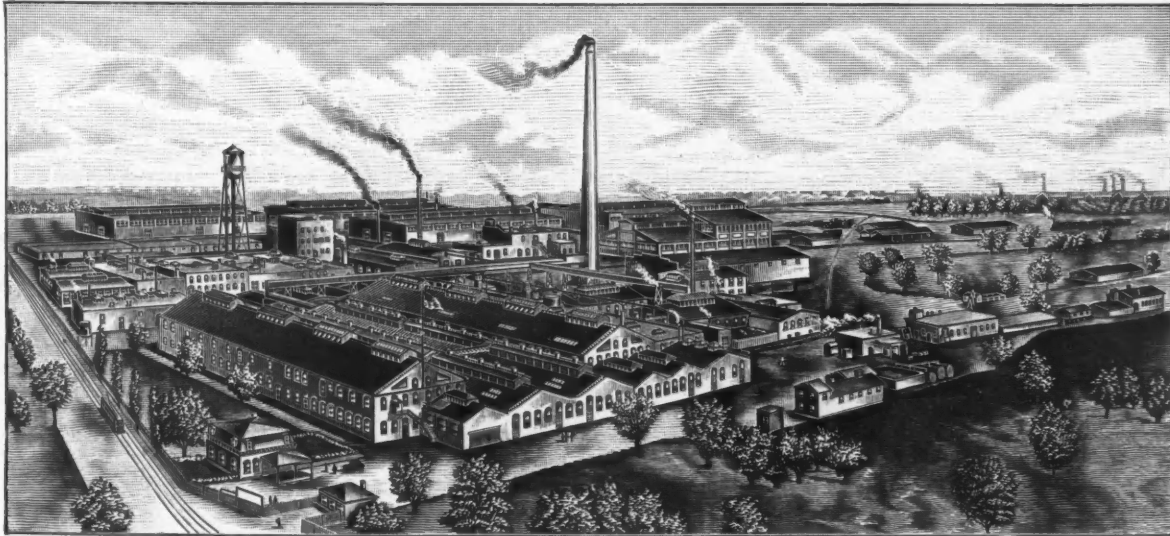
STRENGTH,
DURABILITY,

EFFICIENT
TUMBLING

MINIMUM
BROOMING

—
**Fibre Making
Processes, Inc.**
Chicago

We Supply a Complete Line of
Colors for Papermakers
OUR LABORATORIES ARE AT YOUR SERVICE



WORKS IN NEWARK, N. J.

THE HELLER & MERZ CO.

BOSTON

CHICAGO

NEW YORK

PHILADELPHIA

MANUFACTURE OF PULP AND PAPER FROM GARBAGE

Jean Francois Puttaert and Henry Francis Puttaert, San Francisco, Cal., have been granted a patent on new and useful improvements in the manufacture of paper pulp and paper from garbage, which they describe as follows:

Our invention relates to the manipulation of garbage in such a manner as to separate it into various useful compounds after deodorizing it.

It consists particularly in the preparation of a pulp which may afterward be converted into cardboard, binder board roofing papers, felt papers, and generally into kindred useful forms.

The garbage being first collected, all hard substances, such as stones, glass, iron, tin cans, bones, and the like, are separated and removed. The remaining material is then passed through suitable crushing machinery and reduced to a coarse pulp which may contain as much as fifty per cent, more or less, of moisture. The stock thus produced is passed through a press and a considerable proportion of the moisture is extracted. From this extract by suitable processes, useful oils or greases can be extracted. The solid residue may retain from ten to twenty per cent of moisture, or sufficient to enable it to be further worked.

This pulp is then placed in suitable boilers with any desired alkaline or other reagents, and is then boiled until thoroughly deodorized and deprived of remaining grease and undesirable substances. It is then thoroughly washed and bleached and is transferred to a beating or like engine, in which it is reduced to a clean fibrous pulp, which by subsequent proper manipulation may be transformed into card, binder, or roofing boards, or like structures for kindred uses.

This is all effected without smoke, smell or gases of any kind.

What Is Claimed

Having thus described our invention, what we claim and desire to secure by Letters Patent is—

1. The process of reduction and preparation of garbage, consisting in first removing all deleterious hard substances, then crushing the resulting mass, expressing a proportion of moisture, boiling the residue with suitable alkaline reagents, and forming a fibrous pulp.

2. The process of manufacturing cardboard and the like from garbage, consisting in first removing deleterious hard substances, crushing and removing a percentage of moisture from the remainder, boiling the resultant mass with an alkaline reagent, washing and bleaching and reducing to a fibrous pulp, and finally converting said pulp into dry sheets.

BETTER DEMAND IN HOLYOKE

(Continued from page 16)

Joseph B. Weis, president of the Perfect Safety Paper Company.

Because of the pressing duties that go with the office of president, George A. Galliver, president of the American Writing Paper Company, has resigned from the directorship of the Holyoke Chamber of Commerce, and at his suggestion B. E. Hutchinson, treasurer of the American Writing Paper Company, has been elected to succeed him.

The paper mill men who are connected with the Chamber of Commerce as well as other business men will be sponsors for a "home welcome" for soldiers and sailors which will be one of the biggest events ever held in Holyoke. The paper mill men are anxious to make this a celebration that will be remembered forever.

R. Franklin McElwain, vice-president of both the Crocker-McElwain Company and the Chemical Paper Manufacturing Company, as a member of the Chamber of Commerce Committee, appointed recently to make recommendations on the referendum

submitted by the United States Chamber of Commerce on the report of the Federal Trade Committee regarding trust legislation, like the other members of this special committee, has declared himself in favor of the proposition.

Although everyone seems in favor of permitting the Holyoke Street Railway Company to inaugurate a trolley express system that will connect with the Springfield trolley express, and that with others running through the State and to many points in New England, there are a handful of "gum string" politicians in Holyoke who try constantly to block the efforts of the company. The inaugural of an express like this would undoubtedly enable the paper manufacturers to make many hurry-up shipments of paper in small quantities, and would therefore be of invaluable aid to the manufacturers. The proposition has been endorsed by both the Chamber of Commerce and paper manufacturers, but the self-styled local labor leaders are, for reasons all their own, opposing the measure, and entered a protest at a special hearing given the project at the State House in Boston last week.

The American Writing Paper Company's general office basketball team are the champions of the Holyoke industrial league. After winning the title last week, they celebrated by gathering at the Nonotuck Hotel for a beefsteak dinner. Harry W. Alexander, assistant to the president, and Charles E. Vautrain, of the publicity department, are two prominent members of this organization.

Reese & Reese in New Quarters

BALTIMORE, Md., March 15, 1919.—Reese & Reese, paper dealers, have removed their office to 808 Maryland Trust Building, northwest corner Culvert and Redwood streets.



**The YALE Spur-Gear
Chain Block**

*easily hoists big, bulky
ROLLS OF PAPER.*

The heaviest roll may be *quickly* lifted by one man—and this block is *SAFE*. No risk—no fear of accident.

Also handy for other hoisting and when making repairs.

**'From-Hook-to-Hook-
a-Line-of-Steel'**

Catalog 18D. tells ALL—or ask your Machinery Supply House.

*For a Factory Locking
Equipment use a Yale
Master-Key System*

Write for particulars.

The Yale & Towne Mfg. Co.
9 East 40th Street New York City



HOWARD BOND

WATERMARKED

Color Brilliant : Strength Wonderful

THE HOWARD PAPER CO.
URBANA, OHIO

ORR FELTS AND JACKETS

ALL ARE GIVING SATISFACTION ON

NEWS AND FAST RUNNING MACHINES

THESE FELTS ARE WOVEN ENDLESS

THE ORR FELT & BLANKET CO., Piqua, Ohio, U. S. A.



For
Deane of Holyoke
Condenser Pumps

Voorhees Rub-Steel Valves

**ARE THE BEST
IN PAPER MILL SUCTIONS**

Spring guides for angular positions.
Brass bushed stud-hole protection.
Soft and toughest rubber seating with

That Backbone of Steel

VOORHEES RUBBER MFG. CO.

18-50 Bostwick Ave.

JERSEY CITY, N. J.

LABOR AND WAGES IN FRENCH PAPER INDUSTRY

A correspondent of *Le Papier* writes: Here we are at the end of the world cataclysm which paralyzed the French paper industry in particular. A few mills have continued to make, although in an interrupted fashion, a fair imitation of their usual grades of paper. The reasons at work in causing this defective progress are: The lack of hands and scarcity of raw materials of all kinds; the failure, no less vital, of secondary materials, loading, sizing, bleaching, as well as dyestuffs and fuel. The work of preparing rag pulps has been rendered almost impossible by this dearth of raw materials. Such is the position of papermaking, held up before unknown problems, forced to wait anxiously for better days.

To Resume the Old Course of Business

What is the general expectation? It is to resume in some possible measure the old course of business, the production of the same grades of paper. This program, however, will not conform to the immediate needs of consumers in the interior of France, at least in the qualities of fine and special grades of papers. As for the demand for ordinary papers, news print and similar grades, importation will perhaps still bring them in, or at least supply them easily. In 1915 I pointed out that in the manufacture of many fine papers there entered, besides rag fibres, very strong chemical wood pulps, which came almost exclusively from Germany. This source of supply is henceforth cut off, and there is none, so far as I know, to take its place. This gap in our supply has been the cause of pressing demands on the Scandinavian countries, but these markets of the north are not disposed to busy themselves with us, being assured of an easy sale of the prime bisulphite pulps which they manufacture.

And, then, how shall we manufacture registers, ledgers, writings, parchment papers, imitation Japanese papers, photographic papers, etc.?

Search for New Fibers

Everybody takes an interest in the search for new fibres; esparto pulp, it is said, will render us immense services. Perhaps it will—for the manufacture of fine papers, and even for the greater portion of strong papers; but I must utter a warning as to the impossibility of replacing wood pulps in the sheet with pulps which are merely filling. It is, therefore, high time that we assured ourselves of a supply of strong pulps, or else create special mills for making pulp of this grade from raw materials produced by our colonies. Looking back for a moment, it may be asked why the paper crisis in France has been so intense for the last twenty years? Without entering into the countless details of the subject, it may be supposed that the cause is the steady decline in the standard quality of our papers, the inevitable consequence of the superabundant facilities for procuring chemical and mechanical wood pulps at cheap prices. At present, there is no change in this perspective, except the absence from our markets of strong pulps to be available in the period after the war. An unusual opportunity presents itself to our papermakers for rectifying the mistake already made, that is to say, for resuming the skilled manufacture of fine papers and those of medium grade, with better results than the meagre profits of the manufacture of cheap paper. It is time to restore to papermaking the place which it formerly occupied, when the trade had a worldwide reputation which opened the gates of foreign markets. In order to attain this end, it is necessary to break down the barriers of the old routine, with its theory of least output. This point deserves special emphasis, for all the restrictions which will burden us after peace is signed are so many reasons for modifying and improving the types of paper produced at our mills.

By these restrictions I mean the lack of raw materials, the shortage of labor, the scarcity of workmen skilled in the opera-

tions of the paper mills, the considerable rise in wages, of general expenses, etc.

All these factors aggravating the financial costs of the mills which try to safeguard their business by making cheap papers leave a margin of profit which is infinitesimal when compared with the profits of fine grades of paper. Moreover, if France continues to purchase more and more pulp abroad, it means the steady outflow of capital to countries which exploit our industrial weakness as much as possible, to countries which make every effort to render impossible any effective trade competition on our part. But for this purpose we must break with our antiquated methods; we must have initiative, for upon decision and a settled policy depends the future of papermaking.

Old Mills Nearly All Abandoned

Nearly all our old mills were provided with the materials for making rag pulps. All these have been abandoned. Yet in many localities the mills remain and might serve for new installations. In some large mills, which are doing business and have all the plant for converting rags into pulp, nothing, or almost nothing, has been installed for raising the product to the level of known progress and reaping the advantages that might result. Here also there is urgent need of modification, of improvement, and having passed my life in the work, I insist again upon the present opportunity for preparing the perfected methods which are the sole conditions of economic success, of superiority over others. Papermakers know very well the necessity of creating a new order of things, a revival of papermaking, the return to an era of sound prosperity which compensate the constant efforts of the laborious work of a mill superintendent. It is evident that every mill is not in a position to manufacture fine and demifine grades of paper, that many old mills cannot successfully be transformed into installations for this purpose. On the other hand, there are mills which occupy a relatively advantageous position by their geographical situation, water or electric power, purity of the water used, and by their being labor centres and centres of supply of raw and other materials; in short, by a multitude of reasons which mark them out for the production of grades of fine papers. Moreover, the modern equipment of these mills would promote the prosperity of others and of the paper industry in general; by means of suitable machinery and successful initiative, the paper mills would return at once to the path of progress and united success.

Fine and Medium Grades

At the same time, fine and medium grades of papers compose three-quarters of the class of strong, heavy and tough paper. These are: parchment papers and similar types, or Japanese papers, high school and drawing papers, charts, typewriting papers, photographic papers, photostat copies, legal papers, etc. The so-called soft papers are: impression papers, book papers, chromolithographic, lithographs, unsized, blotting and filter papers, coated papers, papers for illustrations, and similar types. The production of fine papers is slow, but remunerative, because of their high price and the utilization of waste and broke papers.

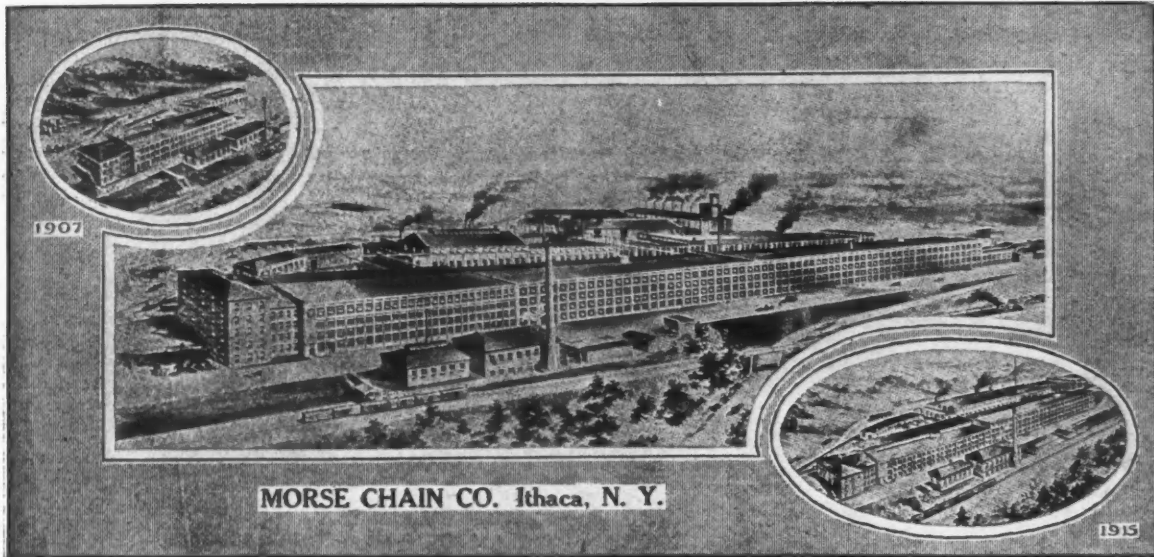
High Order of Ability Required

It is true that the superintendence of these mills requires a high order of ability, not achieved except after a long, practical experience, for there are rules from which it is never permissible to depart—rules of cleanliness, regularity and technique. The production of these grades is wholly different from the frenzied overproduction of the common grades, which aims solely at the quantity, without stopping to attain quality, in order to turn out paper at a price which allows the manufacturer to compete in the ruinous struggle for the markets.

MORSE



DRIVES



MORSE CHAIN CO. Ithaca, N. Y.

1919 MORSE CHAIN COMPANY, Ithaca, N. Y.
The World's Largest Silent Chain Factory.

"Morse" factory development

arises from the use and endorsement of "Morse" products by the industrial world. It proves that the "Morse" rocker joint drive, the most efficient power transmission known to science, has given satisfaction, has met and exceeded all claims and guarantees, and has made good.

MORSE ^{99%} EFFICIENT DRIVES Producing More With Less

are replacing leather belts in every industry, writing history in increased production and low cost.

Flexible as a belt Positive as Gears
More Durable than Either

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When belts are falling short and giving trouble call our nearest office

Write for bulletins

Conserve Power *Before Buying Pulleys and Belting* Increase Production
investigate, know the facts

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Silent Chains in the World

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GREENSBORO, N. C.....885 Ashboro Street
NEW YORK CITY, 59 Church St., Hudson Term. Bldg.
PITTSBURGH, PA.....Westinghouse Bldg.
SAN FRANCISCO, CAL.....Monadnock Bldg.

ATLANTA, GA.....Earl F. Scott, M. E., 77E Candler Bldg.
CANADA.....Jones & Glasco, Regis'd
MONTREAL.....St. Nicholas Bldg., Toronto, Bank of Hamilton Bldg.
KANSAS CITY, MO.....Morse Engineering Co., R. A. Long Bldg.
MINNEAPOLIS, MINN.....Strong-Scott Mfg. Co., 413 3rd St.
ST. LOUIS, MO.....Morse Engineering Co., Chemical Bldg.
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The Westinghouse Air Brake Co., Ltd., 82 York Road, London, N.

Morse Drives Insure Production Against Competition

Bleached and Unbleached
WOOD PULP
 of every description

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Beating Engines
 Washing Engines
 Mixing Engines
 Breaking Engines
 Cooking Engines

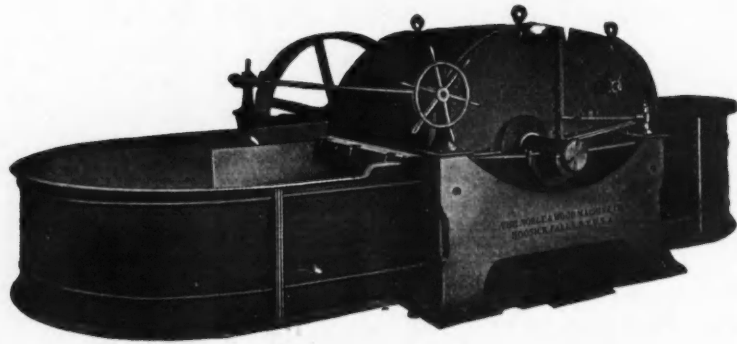
Wood or Iron Tubs; adapted
 to every paper mill condition

Jordan Engines—

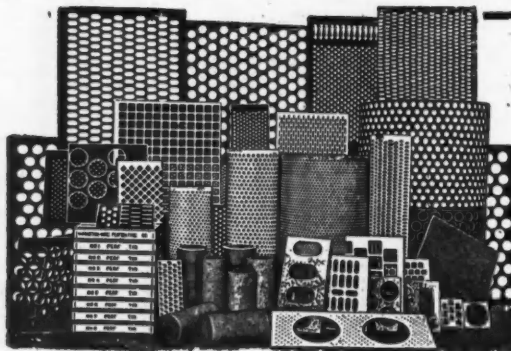
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Board Machines

Stuff Chests, Dusters, Pumps, Etc., Etc.



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

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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.

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Coated Cardboard, Boxboard and Lithograph Paper, including Lithograph Blanks, Postal Card Stock, Tough Check, Railroad, Thick China, Transluents and Menu Board.

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EXCLUSIVE REPRESENTATION
ON
BOOK, BOND, WRITING, COATED, CATALOGUE, COVER, WAXED, SULPHITE, WEDDING, BRISTOLS, BLANKS, BOX BOARDS, FRENCH FOLIO, MIMEOGRAPH
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No Matter What the Pumping Service — There's a GOULDS PUMP Specially Fitted To Do That Work

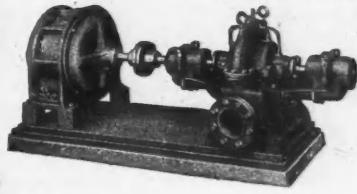
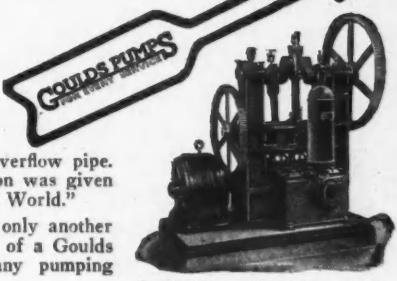
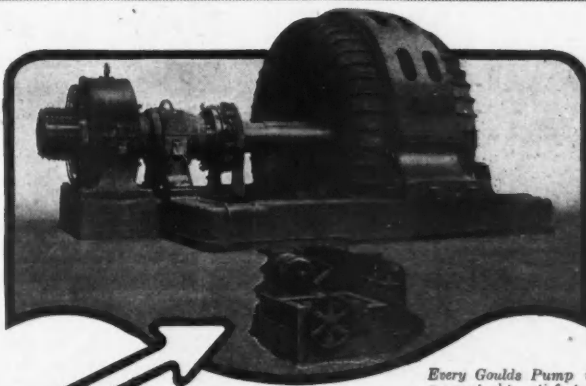
Each of the synchronous condensers of the Duquesne Light Co., Pittsburgh, is equipped with a Goulds motor driven Quadruplex Pump as part of an oil pressure outfit for raising the shaft from the bearings. This eliminates bearing friction and reduces to a minimum the current required from the line—7000 kva. being necessary when starting with dry bearings, but only 1800 kva. to 2000 kva. with this oil pressure apparatus in operation. A pressure of about 100 lb. per square inch is required actually to lift the rotating part and provide an oil-bearing surface for the journal. The equipment consists of a Goulds pump for each bearing and the necessary high pressure piping. The cylinders are connected in pairs to a common pipe running to each bearing, the oil returning to the pump chamber by an overflow pipe. A complete description of this installation was given in the Sept. 14, 1918, issue of "Electrical World."

This is an unusual use of a pump, but only another instance to show that there is some type of a Goulds Pump to satisfactorily handle most any pumping situation.

What is your pumping problem?
Our Service Department will gladly assist you.

THE GOULDS MANUFACTURING CO., Main Office and Works: Seneca Falls, N. Y.

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16 Murray St. 58 Pearl St. 12-14 S. Clinton St. 111 North 3rd St. 338 Munsey Bldg. 636 Henry W. Oliver Bldg. 3rd Nat'l. Bank Bldg. 1001 Carter Bldg.



Every Goulds Pump is guaranteed to satisfactorily perform the specific work for which it is sold.

Goulds Fig. 1009 Single - Acting Triplex Plunger Pump for capacities from 2 to 350 G.P.M. and for total elevations up to 350 feet. Furnished for all forms of Drive.

Goulds Fig. 3030 Single-Stage Double Suction Centrifugal Pump. For capacities up to 8000 gallons per minute and heads up to 150 feet. Furnished with pulley or with direct connected motor or steam turbine.

Obituary

Marc S. Holmes

CHICAGO, March 17, 1919.—Marc S. Holmes, cardboard, coated papers and coated cloth died suddenly in his office, 161 West Harrison street, Thursday, March 6.

Mr. Holmes was aged 86 years. He was born in Rochester and had been in the paper business all his life.

He was in business in St. Louis for a great many years under the name of Snyder & Holmes, and has been in the paper business in Chicago since the World's Fair year.

Mrs. Charles Durkee Mead

DAYTON, Ohio, March 17, 1919.—Mrs. Charles Durkee Mead, widow of the late Charles D. Mead, for many years president of the Mead Paper Company, of this city and Chillicothe, died last week at her home, 329 Central avenue, this city, after a long illness. Mrs. Mead was born in Lebanon, Ohio, March 18, 1852, and was the daughter of Robert G. and Eliza Bruen Corwin. In 1874 she was wedded to Charles D. Mead, then a prosperous paper manufacturer, who was associated with his father, the late Daniel Mead, founder of the Mead Paper Mills on Front street, and the large pulp plant in the Scioto valley. Mr. Mead continued at the head of the industries until ill-health forced him to reside in the West. Subsequently he returned to Dayton, but could not take an active interest in the business. Mrs. Mead is survived by three children, Charles D. and Harry S. Mead and Jeanette Mead Conway.

BETTER DEMAND IN PHILADELPHIA

(Continued from page 32)

recently damaged by fire. The contract for repairs has been awarded to John Duncan at \$4,000.

George W. Ward is back from his trip of a month to Palm Beach, Fla., and is back in harness as president of the D. L. Ward Company.

Norman Fort, who recently became salesman with the Garrett-Buchanan Company, after leaving the employ of his father, Thomas Fort, Jr., president of the Thomas W. Price Company, has entered business for himself. He has taken the Philadelphia agency for the Whitaker Paper Company, Cincinnati.

O. P. Hazzard, who looks after the jobbing grade for J. L. N. Smythe Company in the Southern district, is back in the city, after a successful trip there.

J. J. Linquist, of the Chemical Paper Manufacturing Company, Holyoke, Mass., was in the city during the week. Another trade visitor was H. T. Bensel, of the International Paper Company, New York.

J. L. N. Smythe, now in Australia, has advised the home office of his purpose to return to the city in April.

The steamer Malay Maru, Japanese, sailed from this port for Yokohama and Nagasaki with eighteen cases of blotting paper and 78 cases of print paper and 8 cases of books.

A national association of the paper box makers has been approved by the Central Paper Box Manufacturers' Association meeting here last week in the Hotel Adelphia, and a committee is to be appointed to canvass the situation. The need for such an organization was felt by all the delegates to the meeting, which was attended by representatives of about 200 manufacturers in the Eastern States. The Central Committee went on record as opposed to a bill now pending in the Legislature, and a hearing on which is to be held tomorrow providing for a forty-eight-hour week for women paper box makers. The act presented by Representative Horace W. Schantz, of Lehigh, makes an eight-hour day the maximum. President E. P. Franke was authorized to

head a delegation of protest to go to Harrisburg tomorrow. He said that the proposed bill would kill the industry in this State, although he had no objection to a national law of similar import.

The Pennsylvania State Forestry Commission has been authorized to negotiate for the purchase of 11,000 acres of land in Jefferson and Ruch Townships, Dauphin County, owned by the Philadelphia & Reading Coal and Iron Company and adjoining the 4,000-acre Haldeman estate, now used as a forest preserve. The Commission recently purchased 8,000 acres in Wharton Township, Potter County.

Swedish Wood-Pulp Market

Shipments of wood pulp from Sweden to Germany, which were stopped by the British blockade in the Baltic, have been resumed, writes Commercial Attache Erwin W. Thompson, of Copenhagen, Denmark. In Norrland, which in recent years had only the German market, it is hoped that on account of the mild weather shipping can be kept up long enough to fairly exhaust the stocks before close of navigation. Shipments of dry pulp from Goteborg to France and England have been very large, and the stocks are almost exhausted. The price is 300 to 315 crowns (the normal exchange value of the crown is \$0.26) per metric ton f. o. b. Goteborg.

There is at present a weakening in the demand for sulphite pulp on account of the great changes with regard to purchases of pulp from England. The paper controller after January 1, 1919, will make all purchases of pulp and also make all arrangements in connection with chartering ships for these goods. It is expected that the demand will be great again in the beginning of the year, when the English paper manufacturers are given new import licenses. France and Italy have not as yet agreed to let the English paper controller make the purchases of pulp for them. Some sales have been made to these countries and a large steamer chartered for Italy. The present production of sulphite is about two-thirds of normal. On account of the large shipments that have been made, the stocks are about 90,000 tons less than at the same time last year.

The steadily increasing manufacturing expense is the cause of great anxiety. Prices have had to be further increased, until they are now 425 to 430 crowns per metric ton f. o. b. Goteborg for bleachable sulphite, and 400 to 405 crowns per metric ton net f. o. b. Goteborg for strong sulphite. At Gulf of Bothnia ports f. o. b. prices are about 40 crowns per ton lower because of the difference in freight. These quotations are, however, 20 to 30 crowns lower than those of the Norwegian cellulose factories.

The sulphite cellulose market has been dull since the close of the Swedish spinning paper industry on account of the stoppage of export to the central powers. It was hoped recently that shipments to the United States might be resumed, but so far this has not been the case; and in spite of the great increase in manufacturing expenses, the selling prices have not increased for a long time, the present quotations being 370 crowns per net ton f. o. b. Goteborg and 340 crowns per ton net f. o. b. Baltic.

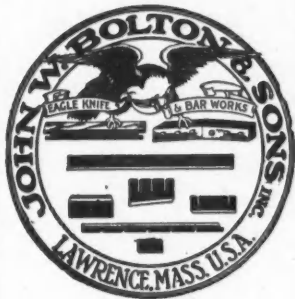
Clifford Parsons Presented With Gold

AUGUSTA, Me., March 17, 1919.—After eight years' service in the mill at Millinocket as foreman of the ground wood department, Clifford Parsons has severed his connection with the Great Northern Paper Company. To show their appreciation of the courtesy and fairness Mr. Parsons had shown in his dealings with the men employed in his department, the ground wood employees decided to have a "whip-round" among themselves. A few men representing the employes in the ground wood department visited Mr. Parsons' residence, and on behalf of the employes presented him with nine \$10 gold pieces. Later in the evening Mr. Parsons had another surprise when the foremen of the other departments of the mill presented him with a \$20 gold piece.

High Grade American Paper Clay

Uniformity and High Retention
Low in moisture, Mica and Grit

Miner Edgar Company : 30 Church Street : New York City
Exclusive Sales Agency of Edgar Bros. Co. MINES



Eagle Knife and Bar Works

JOHN W. BOLTON & SONS, Inc.

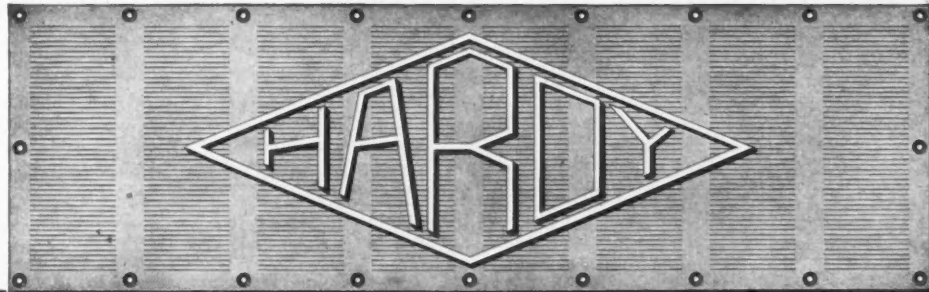
HIGH GRADE

Knives, Bars, Plates and Jordan Fillings
OF EVERY DESCRIPTION

High Grade Steel Products
for Use in Paper Mills

LAWRENCE, MASS.

WILLIAM A. HARDY & SONS COMPANY, Fitchburg, Mass., U. S. A.



WE ARE SAFE IN OUR PROPOSITION

YOU'LL MAKE NO MISTAKE IN ACCEPTING IT

PICKLES DRYING REGULATOR

will do everything we claim for it and more. The test costs you nothing until you are satisfied. Many mills tried one and now have every machine equipped. Write for list of users and other information.

W. F. PICKLES, Buckland, Conn.

Riordon Sales Company, Ltd.

MONTREAL

Sales Managers

T. J. STEVENSON

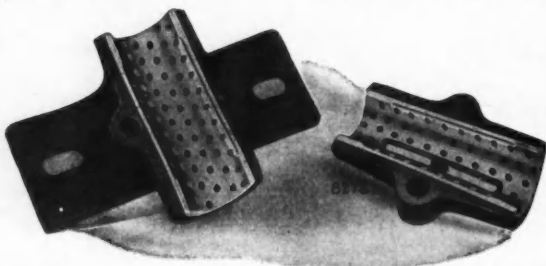
GEO. E. CHALLES

"Merritton" Moist Bleached Sulphite. We can ship on the day orders are given us, at a moderate price.

TRY A SAMPLE CAR

Also Hawkesbury Easy Bleaching Sulphite and stronger grade in wet pulp. Especial attention given to spot shipments and export trade.

RANDALL GRAPHITE SHEET LUBRICATOR



Manufacturers of Paper Mill Machinery will find Randall an ideal device to incorporate in the bearings as standard equipment.

ENABLES you to utilize all the advantages, and economies of graphite and is incorporated in babbitt bearings as they are poured, without changing the construction in any way—preventing hot bearings—eliminating shutdowns, loss of production, cost of frequent rebabbiting, running bearings three to four times longer than plain babbitt.

This lubricator is being used in the bearings of Jordans, Calenders, Dryers, Beaters, Rag Cutters, Pumps and Transmission.

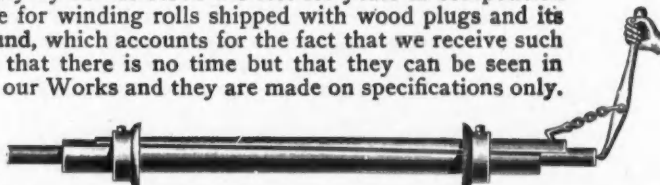
Write for list of users and bulletin.

RANDALL GRAPHITE SALES CO., 818 West Lake Street, Chicago, Ill.

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Patent Split Winder Shaft

as manufactured exclusively by us has stood the test for years in competition with all other shafts made for winding rolls shipped with wood plugs and its equal has not yet been found, which accounts for the fact that we receive such frequent orders for them that there is no time but that they can be seen in process of manufacture in our Works and they are made on specifications only.



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Formerly BAKER & SHEVLIN Co.

Established 1861

SARATOGA SPRINGS, N. Y.

**HAMMERMILL
BOND**

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For special purposes. For general purposes. Large or small. Round or rectangular. All built strictly according to approved engineering principles by men who have been designing and building tanks for thirty years.

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A Caldwell Rectangular Tank is illustrated. Whatever your requirements are, we can meet them.

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**TANKS
AND
TOWERS**

New York Market Review

OFFICE OF THE PAPER TRADE JOURNAL,
WEDNESDAY, March 19, 1919.

The New York market has been a trifle firmer this week, in spite of the fact that quotations do not show any material difference. Jobbers and mill men are of the opinion that consumers are now practically at the end of their stocks, and that soon paper buying will be resumed on larger proportions. This opinion is founded on the fact that each day brings more and more inquiries to their offices, and orders are also coming in better than they have in the past. As has been repeatedly pointed out in these columns, the primary reason for the inactivity in the market was the fact that consumers, during war times, bought paper in great quantities, in the fear that they would be able to obtain none at all, and the end of the war found them with a large supply of paper on hand. They immediately stopped buying, as they knew that there would be no further difficulty in obtaining all the paper they desired, and as a consequence the paper market suffered one of the worst slumps it has ever experienced.

The market for news print continues active. Periodicals using this grade of paper, are printing more advertising at present, than they have ever done before, so in spite of the fact that news columns have been cut down, consumption of news print is great. Exports of this grade of paper have been held up slightly by the strike of marine workers in Buenos Aires. It is reported that there are several ships in that port at present with cargoes of news print, waiting to be unloaded, and until these ships are unloaded and returned, exports to that country, at least will be held up.

Notwithstanding the fact that magazines are also enjoying a period of prosperity and consuming a large quantity of book paper, there has been a slight decline in prices on several grades of this class of paper this week. Mills which are supplying publications on contract have, of course, not been effected by this decline, but such mills as sell to jobbers, have found it harder to dispose of their stocks. However, this lull is believed to be only temporary, and it is expected that prices will soon revert to their normal levels.

Fine papers have shown but little change this week. The demand continues dull, but prices have been maintained for nearly all grades.

The market for coarse papers is also dull. The demand for all grades of wrappings has not improved during the week, and several mills have again reduced their prices on kraft. It is thought, however, that quotations are now at their lowest level, and any further change in price is expected to be upward.

There has been a fair amount of activity in the tissue paper market. Jobbers report that they are receiving a fair number of orders, and there is a good quantity of stock moving. Prices have been steady throughout the week, and there have been no changes made in quotations.

An improvement in the demand for boards has been noted this week. Box makers are again placing orders with the board mills, and though these orders do not call for any great quantities of board, dealers are greatly encouraged as they believe that larger orders will soon follow.

Ground Wood

The lack of interest which buyers of mechanical pulp are now showing in the market has tempted several grinders to consider negotiations with English firms for the disposal of their stocks. The main difficulty that such grinders are having is in agreeing as to the standard of the pulp. English dealers will only buy on their own standards, and not all grinders are willing to come up to these specifications. With the exception of the possibility of this domestic ground wood being used for export, and also the

possibility of a shortage of pulp wood in the future, there are no strong factors in the market. Domestic buyers are showing no inclination to buy at present, and there is a good surplus of ground wood on hand at the grinding plants. Prices have not shown any material change this week, and ground wood is being sold for \$28@30 in the east, and a trifle higher than this in the west.

Chemical Pulp

The easy tone of the chemical pulp market continues, and there has been no factor of strength introduced into the market this week. In fact it may be said that the market is even easier this week, than it was last as quotations on several grades of chemical fibres are at lower levels than they were a week ago. Sulphites have notably been much easier this week. Sales of domestic bleached sulphite have been reported at figures as low as 5.50c., and there are also reports of sales of news sulphite at 3c. These reports lack confirmation, but the fact that they have been rumored, gives an idea of the weak condition of the market. However, if the paper market again regains its former strength, the pulp market will of necessity also become stronger, and it is hoped that this will soon occur.

Rags

No improvement in the condition of the rag market has been noted this week. The scarcity of certain grades of new rags has tended to lend a firmer tone to the market but the market for old rags remains quiet. Quotably there have been but few changes. There has been an advance in the price of new white shirt cuttings No. 2 caused by the scarcity, and quotations on fancy shirt cuttings are also a trifle higher. On the other hand there has been another decline in quotations on roofing rags, and it is believed that unless the demand for these grades improves there will be further declines in the future. However, as each week sees more paper mills resuming operations dealers believe that very soon the demand for rags will greatly improve. The writing mills are now running more machines than they have been running for some time, and it is believed that shortly they will be running full force. At that time the demand for rags will be much stronger, and quotations will, in all probability, go to higher levels.

Bagging

This week has brought still further declines in the prices of nearly all grades of bagging. The market continues very quiet, and dealers report that there is but very little business being transacted. This lowering of prices has not tended to stimulate the demand to any great degree, and it is thought for that reason that prices will be maintained at their present levels, until conditions will permit them to advance. The biggest price drop of the week, was made by bright bagging which is now being quoted at 2.75@2.87½c.

Paper Stock

The market for old waste paper continues quiet, and there is but little stock moving at present. The improvement of conditions in the board market has helped the paper stock market to a certain extent, in that the board mills, are now buying greater quantities of No. 1 mixed paper. This has been the only grade of paper stock, active this week, however, and it has likewise been the only grade that is being quoted at a higher price than last week. The other grades have either remained steady in price or showed a decline. The feature of the market this week was the slump taken by old krafts. This grade has been fairly active up until now, but this week it has taken a big slump, and quotations on this grade are now as low as 2.50@2.75c. An improvement in conditions is soon looked for, however, as the paper mills are expected to resume buying of paper stock in greater quantities in the near future.

Twine

Twine prices have all been maintained this week, but the demand for twines is still poor.

Market Quotations

Paper Company Securities

New York Stock Exchange closing quotations March 18, 1919.

STOCKS.		
	Bid.	Asked.
American Writing Paper Company, pref.	38½	38½
International Paper Company, com.	46¼	46½
International Paper Company, pref.	90	100
International Paper Company, pref., stamped.	72½	74
Union Bag and Paper Corporation.	80	85
United Paper Board.	13	..

BONDS.		
American Writing Paper Company, 1st 5s, 1919.	87	98
American Writing Paper Co., 1st 5s, 1919, Tr. Co. Recls.	88½	89¾
International Paper Company, Convertible S. F. 5s, 1935	97½	..
International Paper Co., 1st and Refunding Conv. 5s, 1947	87	91¾
Union Bag and Paper Corporation, 1st 5s, 1930.	87	89½

Paper

Bonds	12	@	41
Ledgers	14	@	36
Writing—			
Extra Superfine..	20	@	—
Superfine	19	@	—
Tub Sized	14	@	—
Engine Sized	12	@	—
News—f. o. b. Mill—			
Rolls, contract..	3.75	@	4.00
Rolls, transient.	3.80	@	4.25
Sheets	4.50	@	5.00
Side runs	3.50	@	3.75
Book—f. o. b. N. Y.—			
S. & S. C.	8.00	@	8.50
M. F.	7.50	@	8.00
Coated and			
Enamel	9.50	@	10.00
Lithograph	10.00	@	11.00
Tissues—f. o. b. N. Y.—			
White, No. 1....	1.20	@	1.35
White, No. 2....	1.00	@	1.10
Manila, No. 1...	1.20	@	1.30
Kraft	1.35	@	1.50
Colored	1.50	@	3.50
Anti-Farish	1.25	@	1.50
Kraft—f. o. b. N. Y.—			
No. 1 Domestic..	7.50	@	8.00
No. 2 Domestic..	6.50	@	7.00
Imported	—	@	—
Screenings	3.75	@	4.25
Manila—			
No. 1 Jute.....	12	@	12½
No. 2 Jute.....	11	@	12
No. 1 Wood....	7.00	@	7.50
No. 2 Wood....	6.50	@	7.00
Butchers'	5.00	@	—
Fibre Papers—			
No. 1 Fibre....	6.75	@	7.00
No. 2 Fibre....	5.25	@	—
Card Middles	4.00	@	—
Common Bogus	3.00	@	—
Boards, per ton, f. o. b. N. Y.—			
News	45.00	@	50.00
Straw	45.00	@	50.00
Chip	37.50	@	40.00
Binders Board..	60.00	@	65.00
Manila Lined Cp.	65.00	@	70.00
Wood Pulp	75.00	@	80.00

Mechanical Pulp

(F. O. B. Pulp Mills.)
 No. 1 f. o. b. Mill. 28.00 @ 30.00

Chemical Pulp

(Ex-Doek, New York.)

Sulphite (Foreign)—			
Bleached	8½	@	9½
Easy Bleaching..	5.75	@	6.25
No. 1 Unbleached	5.75	@	6.00
No. 2 Unbleached	5.50	@	5.75
Kraft (Foreign)..	3.50	@	6.00
(Domestic, F. O. B. Mills.)			
Sulphate—			
Bleached	6.50	@	7.00
Sulphite (Domestic)—			
Bleached	3.75	@	6.00
Extra Strong Unbleached	4.75	@	5.25
Easy Bleaching	4.50	@	5.00
Sulphite	3.25	@	3.75
News Sulphite..	3.50	@	6.00
Mitscherlich	5.50	@	5.00
Kraft (Domestic)	4.50	@	5.00
F. O. B. Mill..	4.50	@	5.00
Soda Bleached, delivered	4.25	@	4.50

—Dash means nominal.

Domestic Rags

Prices to Mill f. o. b. N. Y.			
Shirt Cuttings—			
New White, No. 1	10	@	11
New White, No. 2	7½	@	8½
Silesias, No. 1..	7½	@	8
New Unbleached.	9½	@	10
Washables	6¼	@	7
Fancy	8	@	8½
Cottons—according to grades—			
Blue Overall	8¼	@	8½
New Blue	7	@	7½
New Black Soft..	4¾	@	4½
New Light Sec'ds	4¾	@	5
Khaki Cuttings..	4¾	@	4¾
Corduroy	4¾	@	5
New Canvas	9½	@	10
New Black Mixed	3½	@	3¾
Whites, No. 1—			
Repacked	6	@	6½
Miscellaneous ..	4¾	@	5¼
Whites, No. 2—			
Repacked	4¾	@	4¾
Miscellaneous ..	3¾	@	4
St. Soiled Whites..	2¼	@	3¼
Thirds and Blues—			
Repacked	3¼	@	3½
Miscellaneous ..	2.60	@	2.70
Black Stockings ..	2¾	@	3¼
Cloth Strippings..	2.00	@	2.10
Roofing Stock—			
No. 1	1.40	@	1.50
No. 2	1.30	@	1.40
No. 3	1.25	@	1.35
No. 4	1.25	@	1.35
No. 5A	1.60	@	1.70
B	1.65	@	1.75
C .....	.50	@	.65

Foreign Rags

New White Cuttings	nominal
Unbleached Cottons	nominal
Light Flannelettes	nominal
New Light Silesias	nominal
New Light Oxfords	nominal
New Light Prints	nominal
New Mixed Cuttings	nominal
New Dark Cuttings	nominal
No. 1 White Linens	nominal
No. 2 White Linens	nominal
No. 3 White Linens	nominal
No. 4 White Linens	nominal
Old Ex. Light Prints	nominal
Ord. Light Prints	nominal
Medium Light Prints	nominal
Dutch Blue Cottons	nominal
Ger. Blue Cottons	nominal
German Blue Linens	nominal
Checks and Blues	nominal
Dark Cottons	nominal
Shoppery	nominal

Bagging

Prices to Mill f. o. b. N. Y.			
Gunny No. 1—			
Domestic	2.75	@	3.00
Foreign	2.75	@	2.87½
Bright Bagging ..	2.75	@	2.87½
No. 1 Scrap	2.40	@	2.50
Sound Bagging ..	2.15	@	2.25
Mixed Bagging ..	2.10	@	2.15
Wool Tares, light.	3.25	@	3.50
Wool Tares, heavy.	3.00	@	3.25
Manila Ropes—			
Foreign	4.75	@	5.00
Domestic	4.75	@	5.00
New Bur. Cut..	4.25	@	4.50
Hessian Jute Thr'ds	5.25	@	5.50
Mixed Strings..	1.75	@	2.00

Twines

India, No. 6 basis—			
Dark	22	@	24
Light	25	@	26
B. C., 12 basis..	35	@	37
A. B., Italian, 18 basis	80	@	—
Finished Jute—			
Dark, 18 basis..	28	@	30
Light, 18 basis..	29	@	31
Jute Wrapping, 2-4 ply—			
Extra No. 1....	32	@	34
No. 1	29	@	31
No. 2	27	@	29
Papers Makers' Twine			
Balls	18	@	20
Box-Twine, 2-4 ply.	21	@	23
Jute Rope	25	@	40
Amer. Hemp, 6...	27	@	29
Sisal Hav—			
No. 1 Basis....	22	@	24
No. 2 Basis....	19½	@	23
Sisal Lath Yarn—			
No. 2	21¼	@	21½
No. 2	19½	@	20¼
Manila Rope	29	@	32

Old Waste Papers

(f. o. b. New York)			
Shavings—			
Hard White, No. 1	4.87½	@	5.12½
Hard White, No. 2	4.25	@	4.50
Soft White, No. 1	3.75	@	4.00
Colored, No. 1...	1.25	@	1.35
Flat Stock—			
Stitchless	1.75	@	1.85
Over Issue Mag.	1.75	@	1.85
Solid Flat Book.	1.30	@	1.35
Crumpled, No. 1.	1.00	@	1.05
Solid Book Ledger.	2.90	@	3.00
Ledger Stock	2.25	@	2.35
No. 1 White News	1.00	@	1.10
New B. B. Chips..	.60	@	.70
Manilas—			
New Env. Cut...	2.40	@	2.50
New Cut, No. 1.	2.10	@	2.20
Extra No. 1 Old.	1.10	@	1.15
No. 1 Old.....	.75	@	.85
No. 2 Old.....	.55	@	.65
Bogus Wrappers.	.75	@	.85
Old Krafts	2.50	@	2.75
News—			
Strictly Overissue	.80	@	.90
Strictly Folded..	.55	@	.60
No. 1 Mixed Paper	.40	@	.45
Common Paper ..	.30	@	.35

CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Paper

Mill Price to Jobbers.			
No. 1 Rag Bond ..	25	@	—
No. 2 Rag Bond ..	20	@	22
Sulphite Bond	11	@	12
Cheap Ledger	17	@	20
Superfine Writing..	22	@	23
No. 1 Fine Writing	17	@	18
No. 2 Fine Writing	14	@	15
No. 3 Fine Writing	12½	@	13
No. 1 M. F. Book..	8½	@	10
No. 1 S. & S. C.	9	@	10½
Book	10½	@	13½
Coated Book	10	@	12½
Coaped Label	10	@	12
News—Rolls mill..	4½ net	cash	—
News—Sheets mill.	5.00 net	cash	—
No. 1 Manila.....	7	@	7½
No. 1 Fibre.....	6	@	6½
No. 2 Manila.....	5½	@	5¾
Butchers' Manila ..	5	@	5½
No. 1 Kraft.....	9	@	9½
No. 2 Kraft.....	8½	@	9
Wood Tag Board..	5¼	@	6¼
Screenings	4	@	6
Boards—per ton—			
Plain Chip	50	@	—

Solid News	62.50	@	67.50
Manila Lined Chips..	65.00	@	70.00
Container Lined ..	85.00	@	95.00
Solid Wood Pulp ..	77.50	@	82.50
Straw Board	45.00	@	50.00
Filled Pulp Board..	75.00	@	80.00

Old Papers

Shavings—			
No. 1 Hard White	4.75	@	5.25
No. 2 Soft White	4.50	@	4.75
No. 2 Soft White	1.75	@	2.00
No. 1 Mixed.....	.90	@	—
No. 2 Mixed.....	.75	@	—
Ledgers & Writings	2.75	@	3.10
Solid Books	1.75	@	—
Blanks	1.60	@	1.70
No. 2 Books, light.	1.25	@	1.30
Extra No. 1 Manila	2.50	@	—
No. 1 Manilas....	1.25	@	—
Folded News (over-issue)	1.00	@	1.10
Old Newspapers..	.80	@	.90
Mixed Papers .....	.55	@	.75
Straw Clippings..	.65	@	.75
Binders Clippings..	.65	@	.75
Kraft	3.50	@	—

PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Paper

Bonds	12	@	41
Ledgers	13	@	35
Writings—			
Superfine	15	@	35½
Extra Fine	35½	@	—
Fine	15	@	23
Fine, No. 2....	23	@	—
Fine, No. 3....	15	@	—
Book, M. F.....	9	@	11¼
Book, S. S. & C..	9½	@	11
Book, Coated ..	12½	@	13
Coated Lithograph	11	@	16

Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

NEW YORK IMPORTS

FOR THE WEEK ENDING MARCH 18, 1919.

Cigarette paper	196 cs.
Miscellaneous paper	395 cs.
Printing paper	29 cs.
Wall paper	2 bls.
Tissue paper	3 cs.

CIGARETTE PAPER.

Wilkinson Bros. & Co., Roath, Havre, 50 cs.
R. J. Reynolds, Roath, Havre, 48 cs.

The Surbrug Co., Roath, Havre, 25 cs.
 Liggett & Myers Tobacco Co., Roath, Havre, 25 cs.
 Liggett & Myers Tobacco Co., Patria, Marseilles, 93 cs.

PAPER.

N. Y. Blue Print Co., Patria, Marseilles, 16 cs.
 Dehance Manufg. Co., Patria, Marseilles, 20 cs.
 Herman Lips, Patria, Marseilles, 337 cs.
 American Express Co., Patria, Marseilles, 13 cs.
 F. L. Kraemar & Co., Espagne, Havre, 9 bls.

WALLPAPER.

F. L. Kraemar & Co., Valacia, London, 2 bls.

TISSUE PAPER.

Thornsen & Co., T. Maru, Hong Kong, 3 cs.

CHINA CLAY.

Paper Makers Chemical Co., Neleus, Bristol, a quantity of china clay.

RAGS, PAPER STOCK, ETC.

E. Butterworth, Roath, Havre, 187 bls. rags.
 E. Butterworth, La Place, Glasgow, 158 bls. paper stock.
 Castle, Gottheil & Overton, La Place, Glasgow, 28 bls. flax waste.
 E. J. Kellar, La Place, Glasgow, 49 bls. flax waste.
 G. W. Millar, La Place, Glasgow, 50 bls. flax waste.
 A. M. Patterson, La Place, Glasgow, 71 bls. paper stock.
 E. Butterworth, Eastgate, Havre, 93 bls. rags.
 E. J. Kellar, Patria, Marseilles, 150 bls. paper stock.

BOOK PAPER REVIEW

(Continued from page 10)

There was a slight decrease in total stocks during the period. Total commitments to sell were 9,565 tons greater than the commitments to buy.

Manufacturers' Prices

A total of 39 contracts for machine finish, supercalendered and coated paper was reported during February, 1919. The range of prices and the tonnage were as follows:

KIND.	Aggregate Tonnage.	Price per 100 lbs. including discount.
Machine Finish	9,077	\$6.40.....\$7.75
Supercalendered	2,541	6.75..... 8.25
Coated	561	9.25..... 9.50
Total (39 contracts).....	12,179	

It is important to note that the variation in prices of different grades of book paper is due to considerable extent to differences in quality and the quantity contracted for and to methods of packing.

Of the 39 contracts above, some include more than one grade of paper, and rolls as well as sheets.

Jobbers' Prices

Reports from jobbers show the following prevailing prices per 100 lbs. for warehouse deliveries quoted on the various grades of book paper during February, 1919:

No. 1 Eastern M. F.—	Ream Lots.	500 Lbs.	Ton Lots.
East and Middle West Jobbers.....	\$ 7.50-13.50	\$ 7.00-13.50	\$ 6.50-12.50
Pacific Coast Jobbers.....	12.00-16.50	11.50-15.75	11.00-14.85
No. 1 Western M. F.—			
East and Middle West Jobbers....	7.00-12.75	7.00-12.75	6.75-11.50
Pacific Coast Jobbers.....	12.25-15.25	11.75-14.50	11.25-13.75
No. 1 Eastern Super.—			
East and Middle West Jobbers....	7.25-13.00	7.25-12.50	6.25-12.25
Pacific Coast Jobbers.....	13.00-20.00	12.50-19.00	12.00-18.00
No. 1 Western Super.—			
East and Middle West Jobbers....	9.75-12.75	7.50-12.25	7.50-12.00
Pacific Coast Jobbers.....	12.75-16.50	12.25-15.75	11.75-14.75
No. 2 Coated—			
East and Middle West Jobbers....	10.50-15.50	10.00-15.00	9.00-15.00
Pacific Coast Jobbers.....	16.25-20.75	15.43-20.25	14.62-19.75

The variation in prices is due in part to differences in the quality, the methods of packing and also to location. As will be noted, prices on the Pacific Coast are much higher than in other parts of the country.

Prices quoted on book paper by jobbers were slightly lower in February, 1919, than January, 1919.

Pulp Prices

About 68 per cent of the current deliveries of unbleached sulphite ranged from \$85 to \$95 per ton. The bulk of the remainder ranged higher in price. Excluding one heavy shipment at a very low price, more than 70 per cent of the contract deliveries ranged from \$90 to \$100 per ton.

Excluding one item of almost 2,000 tons at \$88 per ton, about

60 per cent of the current deliveries of bleached sulphite ranged from \$100 to \$110 per ton. The remainder of current deliveries was at various prices, depending upon the quality. About 93 per cent of the contract deliveries of bleached sulphite ranged from \$110 to \$120 per ton.

About 85 per cent of the current soda pulp receipts ranged from \$75 to \$85 per ton and the remainder at from \$90 to \$100. More than 80 per cent of the contract deliveries of soda pulp ranged from \$85 to \$95 per ton. The remainder ranged higher in price.

Canadian Exports of Paper

The Canadian Pulp and Paper Association has sent out the following report:

Canadian exports of paper, pulp and pulpwood for December, 1918, reached a total value of \$7,235,699, as against \$5,930,162 for December, 1917, an increase of \$1,325,537. For the first nine months of the fiscal year their value amounted to \$72,624,428, as compared with \$54,509,136 for the corresponding period in 1917, a gain of \$18,115,292. The details follow:

	Month of December.	1917.	1918.
Paper and mfgs. of.....	\$3,424,906	\$3,884,759	
Chem. pulp	1,562,549	2,314,212	
Mech. pulp	337,851	288,364	
	\$5,325,306	\$6,487,335	
Pulpwood	604,856	748,364	
Total	\$5,930,162	\$7,235,699	
Nine months' period.	1917.	1918.	
Paper and mfgs. of.....	\$27,564,980	\$33,380,632	
Chem. pulp	14,634,884	24,074,950	
Mech pulp	5,374,653	3,673,618	
	\$47,574,517	\$61,029,200	
Pulpwood	6,934,619	11,595,228	
Total	\$54,509,136	\$72,624,428	

Aberdeen After Big Paper Mill

ABERDEEN, Wash., March 17, 1919.—A plan for the establishment of a pulp and paper mill here has been devised whereby, if Aberdeen will raise \$100,000 in stock subscriptions, this amount will be duplicated by Eastern capitalists, who wish to build a mill here. In a letter received by the Grays Harbor Realty Board today, a challenge to the Eastern men that Aberdeen would follow this plan was accepted. In this letter it was stated that it would take sixteen months to complete the plant after it had been started.

TISSUE IN JUMBO ROLLS

Kraft Manila White Colored Special

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CASTLE, GOTTHEIL & OVERTON

Miscellaneous Markets

Office of the PAPER TRADE JOURNAL,
WEDNESDAY, March 19, 1919.

ALUM.—There has been no improvement in conditions in the alum market this week. The demand has not changed, and the market remains dull. Prices continue, however, lump ammonia 4.25@4.50c. per pound, and powdered alum 4.50@5c. per pound. Lump potash 9@10c. per pound; chrome 18@19c. per pound, and chrome ammonia 15@17c. per pound.

BLANC FIXE.—The demand for blanc fixe has not increased this week. The market remains weak, and manufacturers report that there is not very much stock moving. Prices remain unchanged, however, and 4c. per pound is still being asked for dry blanc fixe, while blanc fixe in pulp form is bringing a price of \$40@45 per ton.

BLEACHING POWDER.—The demand for bleaching powder has not changed this week, and conditions in this market are still bad. There is practically no call for bleaching powder from either export or domestic channels, and manufacturers are having some difficulty in moving stocks which they now have on hand. The price continues 2c. for bleaching powder packed for domestic use, and 2.50@2.75c. packed in export drums.

BRIMSTONE.—Production of brimstone has been normal this week, and the market continues in its steady, routine manner. Producers are having no difficulty in filling all orders, and shipments are being made promptly. The price of brimstone continues \$22@23, when sold for domestic use, and \$27.50 per ton when sold for export.

CASEIN.—The continuation of the strike of marine workers in Buenos Aires, has cut off all imports of casein, and the market has been fairly firm, as there is only the domestic product to supply the demand. Dealers report that they are able to make prompt shipments, however, as the demand is not very strong at present. The price remains 16@17c.

CAUSTIC SODA.—Caustic soda prices have been maintained this week in spite of the fact that the demand for this commodity is very light at present. Spot caustic is now being sold for 3@3.25c.

CHINA CLAY.—Local clay dealers are still far behind in their orders, because of the fact that production has been greatly curtailed this winter. Unfavorable weather, and labor conditions have curtailed production so greatly that dealers are unable to make deliveries until some time after the receipt of an order. The demand for clay has been a trifle better this week, than it has been in the past, but this has only served to place dealers farther behind in their orders. Quotations have been steady and the following prices are being asked: Crude domestic \$8@10; washed at the mine \$11@13. Foreign clays range in price from \$15@20, according to the grade.

ROSIN.—There have been no further changes in conditions in the rosin market reported this week. Prices on yard, New York, for paper makers' grades of rosin were reported on March 17 as follows: E, \$12.30@12.40; F, \$12.30@12.40; G, \$12.40@12.50.

SATIN WHITE.—Manufacturers of satin white report that they are now gradually catching up with their orders, and it is expected that in the near future they will be able to fill all orders promptly. The demand for this commodity has been so strong, lately, that manufacturers and dealers fell behind in their orders, but the demand has now slightly eased up and back orders are being filled. The price continues 2.25@2.50c.

STARCH.—For carload lots, freight prepaid to New York City, the following quotations are made 100 pounds: Globe starch, in bags, \$4.12; in bbls., \$4.34. Buffalo corn starch, in bags, \$4.27; in bbls., \$4.49. Eagle finishing starch, in bags, \$4.62. Crystal T. B. starch, No. 90, fluidity (hand packed), in bags, \$4.72; in bbls., \$5.08. Crystal T. B. starch, No. 90, fluidity (machine packed), in bags, \$4.67; in bbls., \$4.93.

SODA ASH.—There continues to be a fair demand for soda ash. Dealers report that there is a fair amount of stock moving, and the market is slightly stronger than it was a week ago. Shipments are still being made promptly, however. The price continues 1.60@2c. for soda ash in bags, and 1.85@2.25c. in bbls.

SULPHITE OF ALUMINA.—Prices for sulphate of alumina have been steady since their decline of last week, but the market is still in a very unsettled condition. The demand is not strong for any grade of sulphate of alumina, and a continuance of present conditions is likely to result in a further drop in prices. Quotations now are 2.75@3c. for the iron free, and 2@2.25c. for the commercial grade.

TALC.—There continues to be an active demand for talc. The market has remained steady throughout the week, and dealers report that they are making an average number of sales and shipments daily. Quotations for talc remain \$12@25 per ton, according to the grade.

Market Quotations

(Continued from page 51)

BOSTON

[FROM OUR REGULAR CORRESPONDENT.]

Paper		These prices are F. O. B. Mill.	
Bonds	.12 @	Chip Board (ton)	40.00 @65.00
Ledgers	.18 @	Straw Board (ton)	42.50 @55.00
Writings—		News Board (ton)	45.00 @55.00
Superfine	.18 @	Wood Pulp Board	77.50 @87.50
Fine	.15 @	Old Papers	
Books, S. & S. C.	.10½ @	Shavings—	
Book, M. F.	.10 @	No. 1 Hard White	4¼ @ 4½
Book, Coated	.12 @	No. 1 Soft White	4½ @ 5
Label	.13 @	No. 1 Mixed	1½ @ 2
News, Sheets	.06 @	Ledger & Writings	2.25 @ 2.50
News, Rolls	.05 @	Solid Books	1.50 @ 1.75
Manilas—		Blanks	1.15 @ 1.25
No. 1 Manila	5½ @ 6	No. 2 Books, light	1.50 @ —
No. 1 Fibre	5 @ 5½	Extra No. 1 Manila	1.50 @ —
No. 1 Jute	.12 @ .12½	No. 1 Manilas	1.50 @ 1.75
Sulphite, No. 1	.08½ @ .09	Folded News (over issues)	.85 @ .90
Kraft Wrappings	7½ @ 8	Old Newspapers	.50 @ .60
Common Bogus	.02¼ @ .02½	Mixed Paper	.45 @ .55
		Gunny Bagging	2.75 @ 3.00
		Manila Rope	4¼ @ 4½

TORONTO

[FROM OUR REGULAR CORRESPONDENT.]

Paper		Sulphite, easy bleach-	
(Mill Prices to Jobbers)		ing	
Bond	13¼ @	Sulphite, news grade	78.00 @ 85.00
Light tinted	14½ @	Sulphite, bleached	120.00 @ 125.00
Dark tinted	16 @	Sulphate	105.00 @ 110.00
Ledgers	.18 @ .30	Old Waste Papers	
Writing	.13 @	(In carload lots, f. o. b. Toronto)	
News, f. o. b. Mills—		Shavings—	
Rolls (carloads)	3.45 @	White Env. Cut	4.35 @ —
Rolls (l. c. l.)	3.52½ @	Soft White Book	— @ —
Sheets (carload)	3.80 @	Shavings	4.00 @ —
Sheets (l. c. l.)	3.92½ @	White Bl'k News	1.05 @ —
Book—		Book and Ledger—	
No. 1 M. F. (carloads)	10.00 @	Flat Magazine and	— @ —
No. 2 M. F. (carloads)	9.00 @	Book Stock (old)	1.50 @ —
No. 3 M. F. (carloads)	8.25 @	Light and Crumpled Book Stock	1.30 @ —
No. 1 S. C. (carloads)	10.25 @	Ledgers and Writings	2.33 @ —
No. 2 S. C. (carloads)	9.25 @	Solid Ledgers	2.33 @ —
No. 1 Coated and litho.	12.25 @	Manilas—	
No. 2 Coated and litho.	11.25 @	New Manila Cut	1.95 @ —
No. 3 Coated and litho.	10.50 @	Printed Manilas	1.00 @ —
Coated and litho., colored	12.50 @ 14.50	Kraft	3.00 @ —
Wrapping—		News and Scrap—	
Grey	5.25 @	Strictly Overissue	.80 @ —
No. 3 Manila	5.60 @	Folded News	.60 @ —
No. 1 Manila	7.35 @	No. 1 Mixed Papers	.40 @ —
Fibre	7.35 @	Domestic Rags—	
Kraft, M. F. or M. G.	9¼ @	Price to mills, f. o. b. Toronto	
Pulp		Per lb	
(f. o. b. Mill.)		No. 1 White shirt cuttings	.09
Ground Wood	\$30.00 @ \$32.00	No. 2 White shirt cuttings	.07
		Fancy shirt cuttings	.07½
		No. 1 Old whites	.04
		Thirids and blues	.03
		Per cwt.	
		Black stockings	2.25
		Roofing stock No. 1	2.00
		Roofing stock No. 2	1.80
		Gunny bagging	3.00
		Manila rope	.04

The Mathieson Alkali Works, Inc.

WORKS AT

SALTVILLE, VIRGINIA, and at
NIAGARA FALLS, NEW YORK

“Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

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

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

Arnold Hoffman & Company, Inc.

SOLE AGENTS

PROVIDENCE: 55 Canal Street NEW YORK: 61 Broadway BOSTON: 88 Broad Street
PHILADELPHIA: Delaware Ave. and Green St. CHARLOTTE, N. C.

Want and For Sale Advertisements

HELP WANTED

WANTED—Chief Engineer in paper mill located in Middle West to take charge of up-to-date Power Plant and mill repair work. Must fully understand Turbines, Generators and Electrical Motors. When answering advise age, whether married or single, previous experience in detail, and salary expected. Address Box 1092, care Paper Trade Journal.

WANTED—First-class salesman to sell imported wood pulp in the New England States and the Middle West. Address Box 1093, care Paper Trade Journal.

A YOUNG MAN of good appearance who has had technical experience in Paper Mills to sell Paper Machinery. None need apply unless able to furnish very high references. Splendid salary and expenses. Reply to Box 1094, care Paper Trade Journal.

SALESMAN wanted to sell fine and coarse papers and specialties to large consuming trade. Direct mill business. Commission basis. Interesting proposition. Address Box 1095, care Paper Trade Journal.

MAN WANTED to take charge of four Coating Machines. In replying please state nationality, experience and salary expected. Address Box 1096, care Paper Trade Journal.

SUPERINTENDENT wanted for Mill making Kraft, Fibre Manila and Toilet papers. Must be able to handle help and get production. Apply giving full particulars, salary received in last position and salary wanted. Address, Box 1097, care Paper Trade Journal.

WANTED—Combination superintendent and paper mill engineer for Soda mill. Must understand soda recovery and paper making. State salary, age, and give experience in first letter. Address Box 1098, care Paper Trade Journal.

ASSISTANT BOOKKEEPER, some experience in Paper, Paper Bags, and Twine preferred. Good chance for right party. Address Box 1110, care Paper Trade Journal.

WANTED—Boss Beaterman, one-machine mill running Chip and Newsboard. Must be steady and sober. Address Box 1111, care Paper Trade Journal.

MACHINE TENDER wanted; experienced on Sulphite Bond Papers. Eighty-inch machine; 67½¢ per hour. Eight hours. Address Box 1112, care Paper Trade Journal.

BEATER ENGINEER wanted; experienced in coloring bleached stock. Address Box 1113, care Paper Trade Journal.

REPUTABLE House wishes salesmen to sell Paper and Twine. Advancement. Address, Box 1116, care Paper Trade Journal.

WANTED—A Boss Beaterman in Pennsylvania two tour Mill making Wrapping, Board and Specialties. Applicants must give experience, age, nationality and reference. Address, Box 1117, care Paper Trade Journal.

WANTED—Assistant Manager in established paper stock and new rag concern located in large city within 100 miles of New York City. Write fully in confidence. Address Box 1063, care Paper Trade Journal.

FOR SALE

One (L) 10 x 12—Brownell Variable Speed Engine—good as new. One thousand other items for the Paper Maker. Address, The Shartle Bros., Machine Company, Middletown, Ohio.

HELP WANTED

MASTER MECHANIC—New sulphite mill, now approaching completion, requires services of an experienced Master Mechanic. Must have had Sulphite Pulp Mill experience. Write fully, giving details of experience, age, whether married or single, and salary required, to Box 1067, care Paper Trade Journal.

WANTED—Master Mechanic for construction and millwright work for Board Mill. No drunks need apply. Address Box 1070, care Paper Trade Journal.

WANTED—A man who thoroughly understands the making of colors for Glazed, Waterproof, and Fancy Papers, and who also knows how to operate Coating Machines, to superintend Color and Coating Departments. A very satisfactory position is offered to a man that can fill above requirements. Address Box 1071, care Paper Trade Journal.

WANTED—A chemist for large Roofing Plant. Must be strictly sober and posted right up to the minute on Asphalt Paints and Coating; also a knowledge of the Roofing Business. Address Box 1072, care Paper Trade Journal.

MILL located in Middle West has an opening for a first class Beater Engineer experienced in coloring. This offers a good, steady position for a reliable man. Eight-hour shifts. Address Box 1073, care Paper Trade Journal.

PAPER MILL located in Middle West desires a first class Millwright. This is a steady position and will pay good wages to the man who can qualify. Address Box 1076, care Paper Trade Journal.

WANTED—First class working foreman for tissue mills; must be temperate, progressive, up-to-date and capable of managing help. Address Box 1076, care Paper Trade Journal.

WANTED—Two Machine Tenders for 60 Dryers, 6 Vat Machine. State where experience gained. Brompton Pulp & Paper Co., Ltd., East Angus, Quebec, Canada.

WANTED—Experienced salesman with an established trade in Wrapping Papers and Paper Products, for New York City and vicinity. An excellent opportunity for the right man. Address, Box 1085, care Paper Trade Journal.

WANTED—Beaterman for Container Board Mill; two tours. Good wages to right party. Address, Box 1086, care Paper Trade Journal.

WANTED—Experienced Salesman, salary or commission as preferred, by well established Philadelphia jobbing house; excellent opportunity for rapid advancement. Address, Box 1087, care Paper Trade Journal.

ONE OF the most progressive and up-to-date paper houses is now open for good live salesmen. The right ones can get in on the ground floor, since it is now being incorporated and common stock can be bought. We carry an extensive line and the field is unlimited. We are also paper converters in its many branches. Address, Box 1062, care Paper Trade Journal.

WANTED—Managing director for an up-to-date, two-machine mill making manila and patent coated boards. Must be thoroughly familiar with keeping up modern paper mill equipment and an efficient organizer. This position requires a man of character and great ability and carries with it a very high salary. Anyone who cannot present the highest credentials as to character and ability need not apply. Address Box 1063, care The Paper Trade Journal.

WANTED—High class man familiar with the manufacture and handling of paper bags for cement, plaster, coal, coke, feed, etc. Must be able to invest \$5,000 to \$10,000 in the enterprise to be operated in conjunction with mill producing all paper required. Address Box 1026, care Paper Trade Journal.

FOR SALE

PAPER MACHINES—One 74" four cylinders, 3 Presses, 15 Dryers, 1 stack of Calenders, Reel, Slitter, Winder, Marshall Drive.

DRYERS—14 36" x 84", 15 36" x 68", 3 45" x 100", 4 48" x 111".

PAPER SHEET CUTTERS—1 112" Finlay, 1 62" Horne, 2 66" Hamblet, 1 49" Finlay, 1 63" Finlay, 1 44" Hamblet, 2 44" Finlay, 2 42" Finlay.

REAM CUTTERS—1 50" Dayton Seybold, 1 49" Acme, 1 46" Sheridan, 1 36" Sheridan, 1 48" Sheridan.

SLITTERS—1 137" Kidder, 1 108" Kidder, 1 62" Kidder, 1 62" Meisel, 1 48" Black & Clawson, 1 96" Fusey & Jones slitter and single drum Winder.

WET MACHINES—One 48" Wet Machine for board, one 72" Sandy Hill, one 72" Bagley & Sewall.

SUPER CALENDERS—2 63", 1 60", 1 64", 4 48" Norwood.

FLATERS—1 Norwood 40".

MACHINE CALENDERS—1 72" eleven rolls, 1 68" five rolls, 1 60" three rolls, 1 37" seven rolls, 1 48" six rolls.

PRESSES—6 Hydraulic Presses, 2 Holyoke Screw Presses.

JORDANS—1 Jones Wagg Majestic, 2 Horne, 1 Emerson.

BEATERS—6 Jones, rolls 61" dia. x 48", never used; 4 Noble & Wood, rolls 72" dia. x 44"; 2 Horne, rolls 48" dia. x 44"; 1 Horne, 60" dia. x 48".

PUMPS—1 Deane Water Power Pump, 10" x 10" triplex, 2 Deane triplex stock pumps, 8" x 8".

SHREDDER—1 Leather Shredder, 1 Jeffrey 80" x 30" Chip Crusher.

SCREENS—1 12 plate Harmon open side, 2 10 plate New Success, 1 12 plate New Success, 1 8 plate New Success, 1 Sandusky Centrifugal Screen. Lot of Screen Plates.

ENGINES—1 Flashhill Corliss 18" x 42", 1 8" x 12" Ball, 1 Cooper Corliss Cross Compound, 14" x 26" x 36", 1 Cooper Corliss Cross Compound, 1 Putnam, 12" x 30", Corliss, 10" x 24".

CYLINDER MOLDS—1 36" x 119", 5 30" x 74", 3 30" x 80", 2 30" x 72", 1 30" x 68".

1 Union Machine Co. Kollergang.
12 Three Pocket Grinders.

1 96" x 14½" Millspaugh Suction Roll.
2 Stevens Digesters.
1 Rotary Boiler, 7' x 21' 6".
2 42" Waldron Coaters.

FRANK H. DAVIS

175 Richdale Ave., Cambridge B, Mass.

FOR SALE

BEATERS—40x36" with iron tub, 17' long, two 65x54, one 42x42, one 48x48, 4 Clafins. New Umpherstons.

CALENDERS—Five roll 48", 9 roll 63", 7 and 9 roll 72", 3 roll 80", 9 roll 80", 9 roll 84", 7 roll 86". Four roll friction.

COATER—One 43" double Waldron coater.

CUTTER—100" Finlay, 72" Dillon, 68" Black & Clawson, 84" Moore & White, 48" Holyoke, One T & S rag cutter. Several ream cutters.

CYLINDER MOULDS—Two moulds 30" dia., 78" face.

DRIVES—One Moore & White No. 9 A.

DRYERS—26 new shells 36" dia., 124" face; 3 new shells 36" x 76"; also three 36 x 36 with frames, etc.; four 28 x 62 all ready to set up. Lot of odd dryers.

DUSTERS—One 6 bowl Holyoke revolving, also two railroad dusters.

JORDANS—Emerson & Horne type Jordans.

MACHINES—One 72", 2 cylinder machine.

PUMPS—One triplex self-contained suction pump, one 1,000 gal. Worthington, tank pump 10 x 16 x 16 x 18 Knowles, fifteen fan pumps. New stock pumps, single and duplex.

ROTARIES—About ten horizontal rotaries; three Globe rotaries.

SCREEN—One Wandel screen. Also a lot of other machines which have not yet been listed. Write us for anything you want.

Lot of new split pulleys, sprocket chains, cone pulleys. Some new wooden pulleys with friction clutches.

Mills Machine Company
LAWRENCE MASS.

(Continued on page 57)

(Continued from page 56)

HELP WANTED

WANTED—A first-class man to refill Jordans and Beaters in our factory and on the road among Eastern mills. Steady position and a good opportunity for an experienced and reliable man. Address, Box 997, care Paper Trade Journal.

WANTED—Are you interested in a better connection? If so, communicate with us. We are in a position to find openings for you and negotiate confidential preliminaries in your behalf with strict privacy and no risk to present connection. Our service covers such positions as executive, technical or selling. Write for particulars. The National Service Bureau, Times Plaza Station, Brooklyn, N. Y.

WANTED—Immediately for Binders Board Mill, experienced man for wet machine. Apply at once. The Home Pulp & Paper Mills Co., Box 773, Mobile, Ala.

EXPERIENCED Woodpulp Salesman wanted by company with extensive line of domestic and imported pulps. Apply in confidence to Box 1037, care Paper Trade Journal.

WANTED—Superintendent or foreman for small plant in middle west. Must have knowledge of rag and hard stock pulp making. State experience and salary expected. Answer Box 1064, care Paper Trade Journal.

SITUATIONS WANTED

WANTED—Position as General Manager or Superintendent. Energetic organizer, executive chemist; 20 years' practical experience in Paper Making in the United States and abroad. Specialist in specialties. Large personal acquaintance in the paper trade. Address Box 1099, care Paper Trade Journal.

SALES MANAGER or assistant; fifteen years' experience manufacturing and selling wrapping and allied lines, including Pulps. Would represent mill or consider connection with responsible party. Address Box 1100, care Paper Trade Journal.

PAPERMAKER and Mill Engineer open for another temporary appointment for modernizing, re-vamping or overhauling Pulp, Paper, Sulphite or Sulphate Mill. Address Box 1102, care Paper Trade Journal.

YOUNG MAN, married, 27 years of age, with college education, who has had five years' experience in every department of a large hardware and mill supply house. Desires to enter the paper making field. Salary minor consideration if position offers opportunity for advancement. Address Box 1101, care Paper Trade Journal.

WANTED—Superintendent open for engagement. Experienced on Rag, Book, Writings, Manilas, Kraft and Tissues. Address Box 1103, care Paper Trade Journal.

MACHINE TENDER desires to make a change. Would like position in good mill and good location. Several years' experience on all grades of Tissue, Fourdrinier and Cylinder Machines. Married and steady. Address Box 1104, care Paper Trade Journal.

A MAN who can handle Beaters, Fourdrinier or Cylinder Machines, seeks connection as working foreman with mill. Day or night. Address Box 1105, care Paper Trade Journal.

SUPERINTENDENT wishes to correspond with an up-to-date concern needing a live, experienced man. Desirous of later becoming financially interested. At present in charge of large Mill making Cylinder and Fourdrinier Jute and Rope Specialties. Address Box 1106, care Paper Trade Journal.

EXECUTIVE POSITION wanted by Electrical and Mechanical Engineer, who has studied the manufacturing end of Paper, Sulphite and Pulp during ten years of Paper Mill Engineering. He wishes a position as Manager or Assistant Manager of large company where he will have an opportunity to execute his knowledge of manufacturing and ability to organize and build up efficiency. Address Box 1107, care Paper Trade Journal.

WANTED—Position by competent foreman, experienced in making Kraft, Manilas and Wrappings. Understands Paper Mill Chemistry. "R," P. O. Box 496, New Haven, Conn.

SITUATIONS WANTED

POSITION WANTED by Electrical and Mechanical Engineer who can earn \$6,000 a year by getting the maximum efficiency from your Power Equipment, thereby increasing your production and reducing your conversion cost. Can organize and handle men; lay out and install new plant or rebuild your old plant to suit your conditions. If your plant or plants are large enough to warrant the services of an Engineer who has specialized in the Power Department of Paper, Sulphite and Pulp Mills for the past ten years, and you are interested, I will furnish reference as to character and ability on request. Address Box 1108, care Paper Trade Journal.

WANTED—Superintendent desires to make a change. Eighteen years' practical experience on kraft and all grades tissues machine and second process crepeing; experienced on Fourdrinier and Cylinder machines, Edwards and Hawley Fuller attachments; good on colors; best of reference furnished. Address, Box 1088, care Paper Trade Journal.

WANTED—Position as head mechanic in pulp or Paper Mill; 17 years' experience in construction and repair work. Desirable references furnished. Address, Box 1089, care Paper Trade Journal.

MACHINE TENDER of long experience in up to date mills, now on Government work, wants position as Tour Boss or Machine Tender on News, Kraft, Manila, Tissue or Board. Address, Box 1078, care Paper Trade Journal.

MARRIED MAN, 29, of executive ability, ten years' Paper Mill and Office experience, desires position as Assistant to Manager, Superintendent or Office Manager. Now with Ordnance Department. Address, Box 1079, care Paper Trade Journal.

WANTED, by an experienced man, a position as Foreman of an old Paper or Rag Stock Department, on a salary or percentage basis. Address, Box 1081, care Paper Trade Journal.

YOUNG MAN, married, at present employed as Manager of large exporting house, seeks new connection with mill or reputable jobbing house, in similar capacity. Ten years' experience, all grades, familiar with all mill connections. Excellent character and ability. References. Will go anywhere, providing good opportunity and future are offered. Address, Box 1044, care Paper Trade Journal.

YOUNG MAN, energetic, recently discharged from service, seeks position with reputable paper house. Has had five years' experience. Address Box 1083, care Paper Trade Journal.

WANTED

High class book paper salesman to develop department. Great opportunity and liberal salary to right party. New York territory. Direct mill shipments only. All replies confidential. Address, Box 955, care of Paper Trade Journal.

PICKQUICK

This is IT



The Best

5c

ROLL in the U. S.

Write us for samples and prices. Salesman Wanted.

THE H. NORWOOD EWING CO. Woolworth Bldg., New York.

SITUATIONS WANTED

WANTED—Superintendent desires position; fifteen years' experience on all grades of combination and container board. Good executive and of mechanical ability. Can furnish best of references. Address, Box 973, care Paper Trade Journal.

WANTED—Master Mechanic open for position in pulp or paper mill construction or maintenance. Correspondence solicited. Address, Box 1057, care Paper Trade Journal.

WANTED—Position as machine tender on Kraft, Fibres or Manilas. Greaseproof a specialty. Can furnish references. Address; Box 1058, care Paper Trade Journal.

CHEMIST—One who understands all processes and machinery connected with Sulphite manufacturing, both technical and practical. One who has worked in all departments from yard up. Technical graduate. Address, Box 1059, care Paper Trade Journal.

WANTED—Position as machine tender. Experienced on Fourdrinier and Cylinder Machine. Good, steady and sober man. Can come at once. Address, Box 1045, care Paper Trade Journal.

WANTED—Position as back tender. Have had two years' experience. Can furnish best of reference. One year on three-cylinder and one year on five-cylinder machine. Address Clark McCagg, Chatham, N. Y.

FOR SALE

FOR SALE—Rotary Cutter, 68". Black and Clawson, heavy cast iron knife bar. Address Box 1109, care Paper Trade Journal.

FOR SALE—One Roll Coating Machine, 36" hanging up apparatus and turn table; one heavy upright Hoe embossing press, heated by gas; one rotary Card Board Beveling Machine, excellent condition; one 10-horse power Otto Gas Engine, good condition; one small upright embossing press; two heavy Screw Presses. Address J. W. McCabe Co., Inc., 215 Pearl Street, New York.

WATER POWER for sale; splendid place for a one or two-machine Tissue Mill and also an eleven-room dwelling house, and three other small buildings, three-quarters of a mile from the railroad station and thirty miles from Baltimore. Address W. J. Goodfellow, Bentley, Maryland.

FOR SALE—The following described cast iron Pulleys:
84" diameter by 17" face 3-15/16" bore—Solid
84" " " 17" " 4- 7/16" " Split
72" " " 18" " 4- 7/16" " "
62" " " 14" " 3-15/16" " "
Above pulleys in first class condition.
THE J. P. LEWIS CO., Beaver Falls, N. Y.

FOR SALE—One No. 3 belt driven Emerson Jordan used one month; with two complete sets of plug and shell bars and two sets wood fillings. Address Box 1061, care Paper Trade Journal.

FOR SALE—Mill at Lancaster, Pa. Equipped with 72" Fourd. machine, beaters, engines and ample steam and water power. Sprinkler equipment. Now operating under lease. Possession on 90 days' notice. Will sell machinery separately. Apply to the York Card & Paper Company, York, Pa.

(Continued on page 59.)

PAPER MACHINERY FOR SALE

- 6 White Oscillating Screens, with new oscillating device.
 - 8 Plates 10 x 24", cut .0014.
 - 2 Auxiliary White Screens.
 - 4 Plates 10 x 24", cut .0014.
 - 1 New York Safety Steam Engine, Upright, 125 H. P. Cylinder 16 1/4" Bore, 18" Stroke. Flywheel 98" Diam., 18" Face.
 - 3 Holyoke Machine Co. Platers 36" Rolls.
 - 1 Fan (Blower) made by B. F. Sturtevant Co. of Boston, Mass. Diam. 72" x 40" wide; 3 7/16" Bearings 12" long; casing outside dimensions, 42", 8' 6" x 7' 2".
- All in good condition. Prices low. Address Parsons Paper Company, Holyoke, Mass.

ENTERPRISE PAPER CO.*Selling Agents for***CONSOLIDATED PAPER BAG CO.****GROCERS' SQUARE AND FLAT BAGS
FLOUR, FUEL AND POULTRY SACKS***Prices and Samples Upon Request.*

GENERAL OFFICES

2029 Germantown Ave., Philadelphia, Pa.

A. SALOMON, Inc.

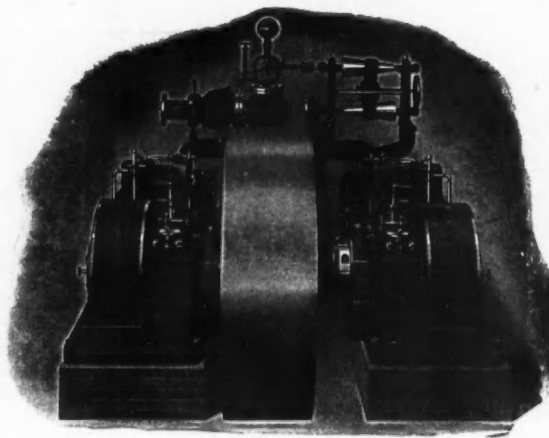
15 PARK ROW

NEW YORK

*Sole agent U. S. and Canada, for***J. ROZES AINE, Agen, France****JEAN SOULIER, Rouen, France****LEON MOIRAND, Annonay, France****PAPER MAKERS' SUPPLIES**IMPROVED HIGH SPEED
MACHINERY TO MAKE**PAPER BAGS**OF EVERY STYLE OF BOTTOM
FOR LINED AND UNLINED BAGS**POTDEVIN MACHINE CO.**

1221 38th STREET

BROOKLYN, N. Y.

**Stop Wasting Money**

The chances are that you're trying to turn out just as much paper as possible every 24 hours.

But perhaps you're tolerating an old form of machine drive that wastes time whenever you want to make a speed change. Or perhaps you have to stop now and again to make repairs to an antiquated transmission device.

The Ball Variable Speed Engine

increases production and decreases the worry. The real live paper manufacturers are using them, and they'll tell you that it pays.

Write Us Now

Get Our Variable Speed Bulletin

BALL ENGINE CO., Erie, Pa.**PAPER STOCK
PACKERS OF ALL GRADES****Mendelson Bros. Paper Stock Co.**

900 Michigan Blvd.

Chicago, Ill.

When you want quantity and quality and lowest prices, write us.
Packing Houses and Warehouses, Chicago, Ill.

STRATFORD PAPER CO.

MANUFACTURERS OF

:: :: JERSEY CITY, N. J. :: ::

Fourdrinier Tissues, White and Colored, G. B. Silver, Manifold, Celluloid and Specialties

(Continued from page 57.)

FOR SALE

FOR SALE—Jones washing engine, 2,000 lbs.; 2 Tyler cylinder washers, all complete. Practically new; never been used. Address J. E. P. O. Box 1184, City Hall Station, New York.

FOR SALE—Two sheet cutters for sale, English make, 50" wide, complete and in good condition. Any reasonable offer accepted. Address, Box 961, care Paper Trade Journal.

MISCELLANEOUS

WATERPROOF PAPER—We want offers on about 200 rolls of 36" (Safepeck), numbers 30-10, 30-30 and 30-65 K. Address Box 1115, care Paper Trade Journal.

WANTED—Following second-hand machinery in good condition and reasonable price: One ten-ton capacity Jordan; two Holland type beaters, 1,500 pounds each; one 72" sheet cutter with stand for 8 rolls; one 48" to 50" Press cutter; two stacks calendars, 72", 7 or 9 rolls. Address Box 1114, care Paper Trade Journal.

TREASURY DEPARTMENT, Bureau of Engraving and Printing, Washington, D. C., March 10, 1919. Sealed proposals are invited to furnish Dextrine, Oils, Textiles, Engravers' Supplies, Dry Colors, Paper Box Blanks and Paper, during the fiscal year, beginning July 1, 1919. The right is reserved to reject any or all bids or parts of bids.

Samples of Dextrine, Oils, Textiles, Engravers' Supplies and Dry Colors, must be received at the Bureau of Engraving and Printing not later than 2 p. m. Monday, April 21, 1919.

Samples of Paper Box Blanks and Paper not later than 2 p. m. Monday, April 14, 1919.

Blank forms with specifications for proposals, giving dates on which the bids for the several schedules will be opened, and further information will be furnished on application to James L. Wilmett, Director.

MECHANICAL ENGINEER desires financial assistance in promoting new invention. Positively cleans bark from logs without removing wood. Patent applied for. Address, Box 1084, care Paper Trade Journal.

CYLINDER MOLDS, tanks and head boxes plain dandy rolls, Brass wire cloth. Fine seams for tissue paper a specialty. We put them on tight. Address Clark Mfg. Co., 79 Merrick Ave., Holyoke, Mass.

LONDON (England) Paper Agent desires to represent on commission reliable American Paper, News and Board Mills. Experienced in American trade, and large connection amongst British wholesale and export. Reply to Box 1952, care Paper Trade Journal.

WANTED—The following second-hand paper machinery. Must be in first-class condition and the price reasonable: 1 Noble and Wood Monarch Jordan; 1 Cutter with slitters and frame for 8 or 10 rolls; 1 7 or 9 roll stack of calendars for 96" machine. Chesapeake Paperboard Co., Key Highway & B. & O. R. R., Baltimore, Maryland.

Architects and Engineers.

CAREY, JAMES L., Paper Mill Architect and Engineer, 208 North Laramie Ave., Chicago, Ill.

CHAPMAN, C. A., Inc., Paper Mill Architects and Engineers, 28 Jackson Boulevard E., Chicago, Ill.

FERGUSON, HARDY S., M. Am. Soc. C. E., Consulting Engineer, 200 Fifth Ave., New York.

HARDY, GEO. F., M. Am. Soc. M. E., Consulting Engineer, 309 Broadway, New York.

SNOW, S. M., Mill Architect, Engineer, Paper and Pulp Mills. Steam and Water Power plants. 55 Kilby street, Boston, Mass.

JOSEPH H. WALLACE & CO., Industrial Engineers, Temple Court Building, New York. Manufacturing Plants and Power Developments. Reports of Industrial Properties, Appraisals, etc.

Bale Ties.

WILSON, H. P. & H. F., Manufacturers of Steel Wire Bale Ties, for baling all compressible material. 544 West 22nd Street, New York City.

Boards.

MILLER PAPER CO., FRANK P., high grade specialties. Boards. East Downtingtown, Pa.

Metal Skylights and Ventilators.

WE manufacture metal skylights and ventilators for paper and pulp mills. **E. VAN NOORDEN CO.**, 944-52 Mass Ave., Boston, Mass.

Rags, Paper Stock, etc.

BERLOWITZ, PAUL, 132 Nassau Street, New York. Importer of Rags, Bagging, New Cuttings.

CHASE & NORTON, High Grade Shavings and Book Stock a specialty. 277 Water street, New York.

FLYNN, MICHAEL, 54 Columbia Street, Brooklyn, N. Y.

GOLDSTEIN, R. & SON, Baltimore, Md. Cotton Rags and Paper Stock.

HILLS, GEO. F., 108-112 Cliff Street, New York.

JACOB & CO., Alexander, Wapping, London, England. Supply all classes Waste Papers and Shavings, Paper Making, Rags, etc. Correspondence solicited. Paris Office, 3 Cite d'Hauteville.

IVERPOOL MARINE STORE CO., Liverpool, England. L. M. S. Wood Tag, Manila, Rope and Star Brands (Registered).

MCGUIRE, MICHAEL, 100 and 102 Tenth Avenue, New York.

ROSENBAUM, INC., L., 316 Lafayette St., New York City. Packers exclusively of new cuttings.

SIMMONS, JOHN, SONS, Paper and Paper Stock. 28 and 30 South Marshall Street, Philadelphia, Pa.

Special Machinery.

DIETZ MACHINE WORKS, experienced builders of special machinery with well equipped modern shop, can quote low prices in machine building. Send drawings, 126-128 West Fontaine Street, Philadelphia, Pa.

SWIFT, GEORGE W., JR., Designer and Manufacturer of Special Machinery for Manufacturing and Printing Paper Goods. Bordentown, N. J.

Straw Pulp.

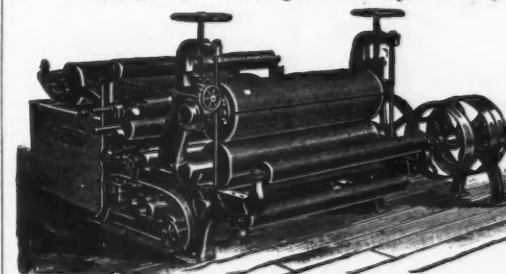
SCANDINAVIAN-AMERICAN TRADING CO., Produce Exchange, New York. All other kinds of Pulp.

H. C. CLARK & SON MACHINE CO.

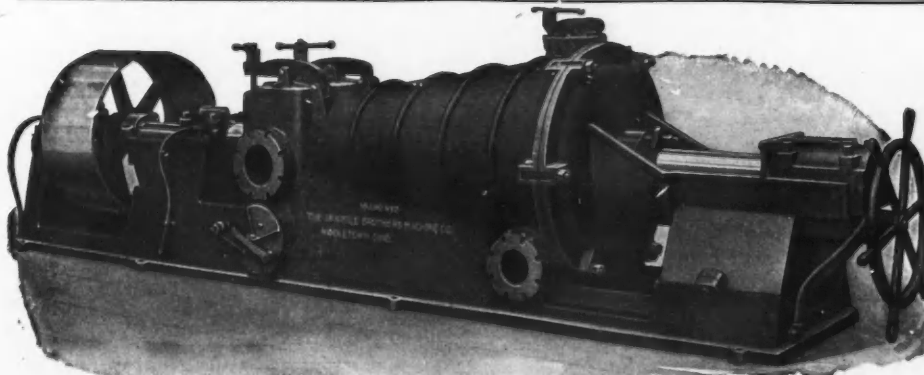
Manufacturers of **PAPER MILL MACHINERY**

LEE, MASS.

Revolving Paper Cutters Rag Cutters Cylinder Paper Machines Washing and Beating



- Engines
- Chilled Iron and Paper Calenders
- Fan and Stuff Pumps
- Engine Roll Bars and Bed Plates
- Cylinder Molds
- Marshall Drives
- Slitters and Rewinders
- Reels
- Dryers with Improved Packing Boxes
- Wet Machines
- Gun Metal and Rubber Rolls
- Rolls Reground



The Shartle Bros. Machine Co.
Middletown Ohio

Dry Rosin Size



Brittle and easily soluble. Cheapest size out. Cheaper than mill made size. Also our hot and cold water sizes; standard quality. Cleaner, more uniform and economical than either mill made sizes or those offered by our competitors. Also Arabol Paper Size, Splicing Gums, Condensed Paste Powder, Paper Makers' Starches.

Arabol Manufacturing Co.
100 William Street : NEW YORK

"SAFETY FIRST"

"MADE RIGHT IN AMERICA"

"NATIONAL ROPE DUPLEX"

made especially for wrapping Book Papers, etc., is the strongest Waterproof Case Lining Paper in the world. Made in either sheets or rolls. Send for samples.

NATIONAL WATERPROOFING COMPANY
1054-1056 Drexel Building, Philadelphia, Penna.

UNION TALC COMPANY

Finest Grades of Agalite

132 Nassau Street New York

Consolidated Paper Bag Co.

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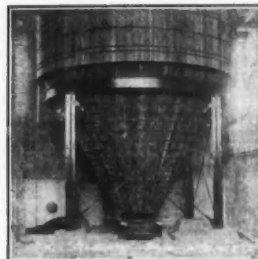
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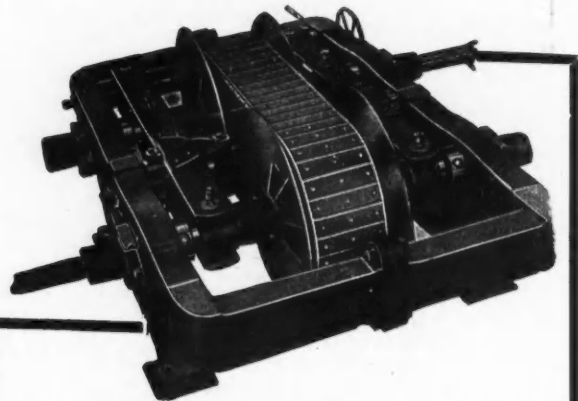
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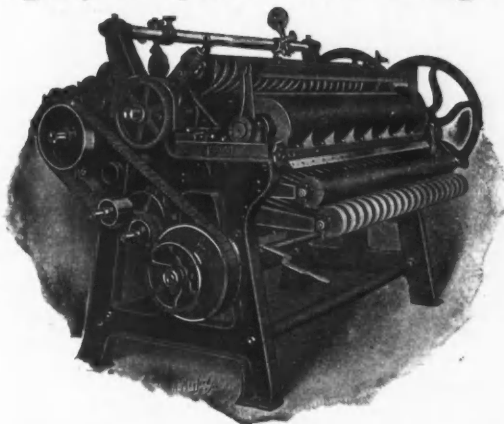
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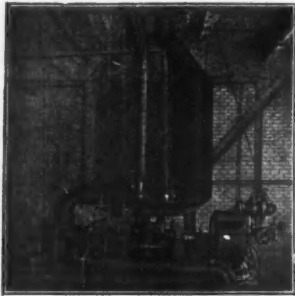
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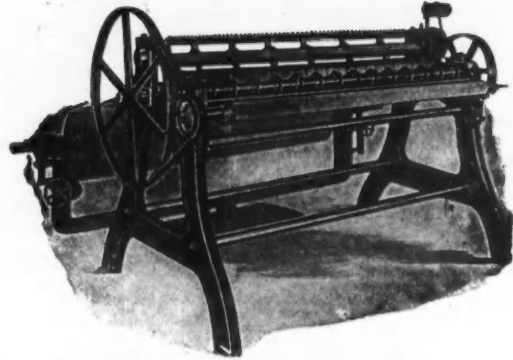
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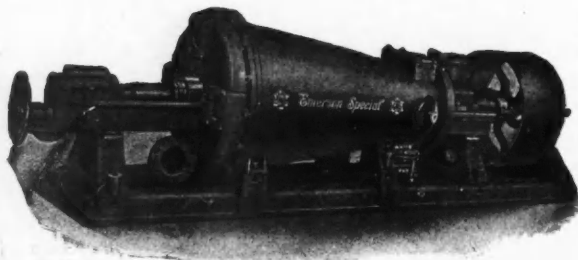
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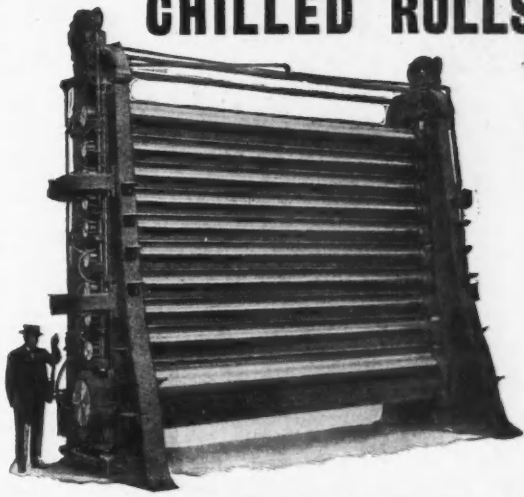
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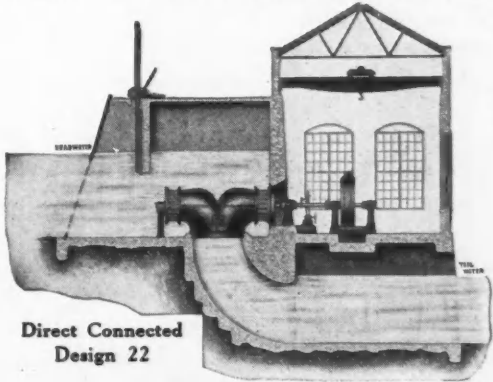
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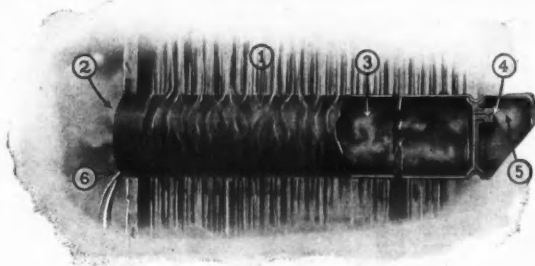
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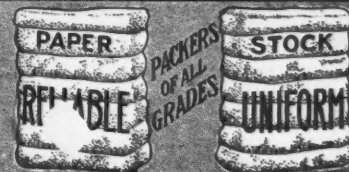
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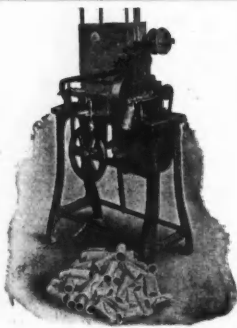
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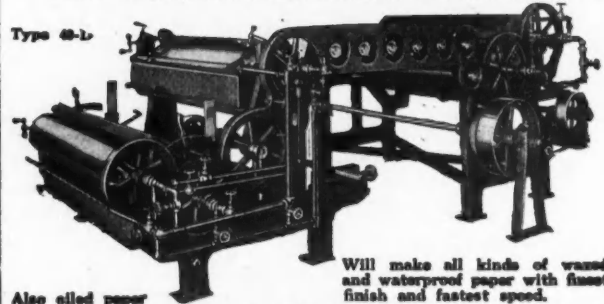
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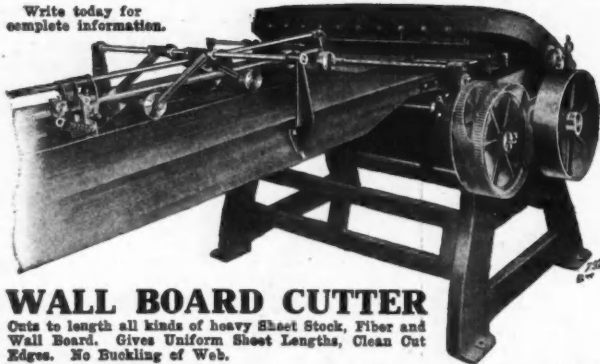
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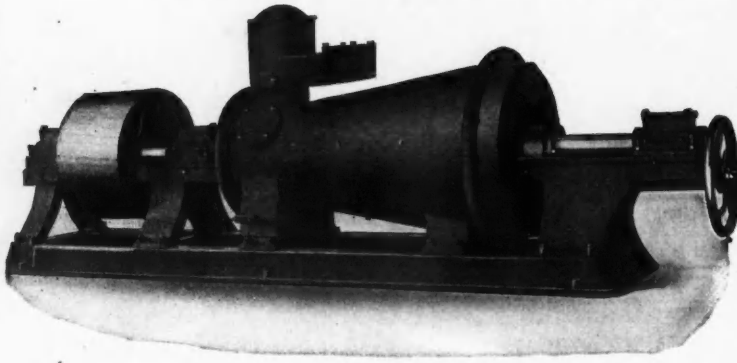


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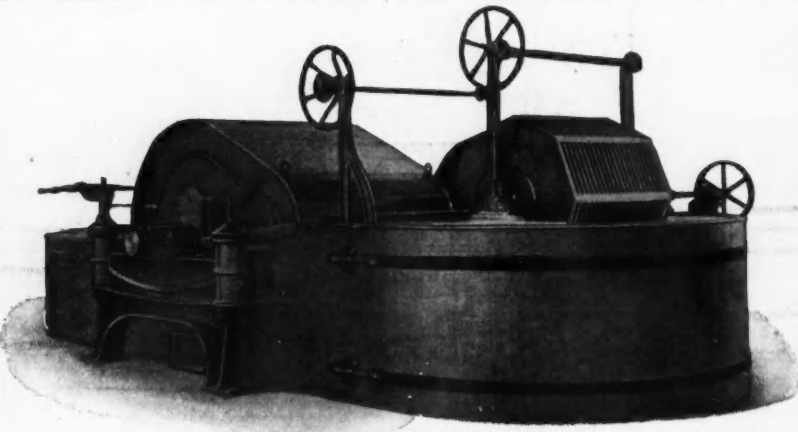
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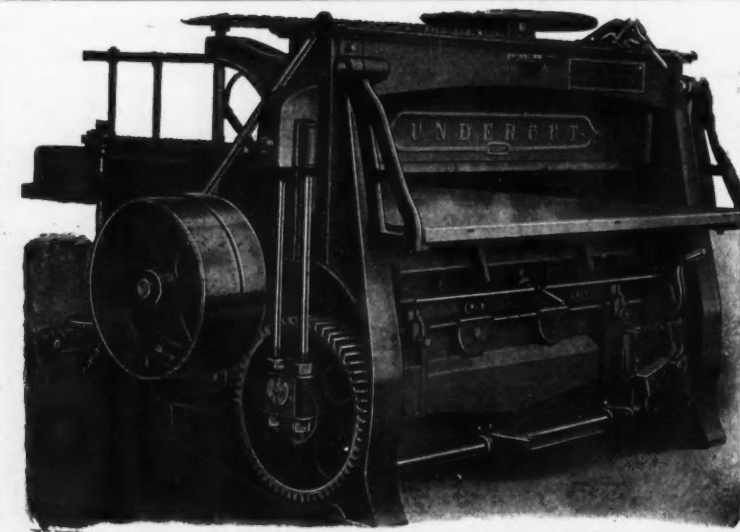
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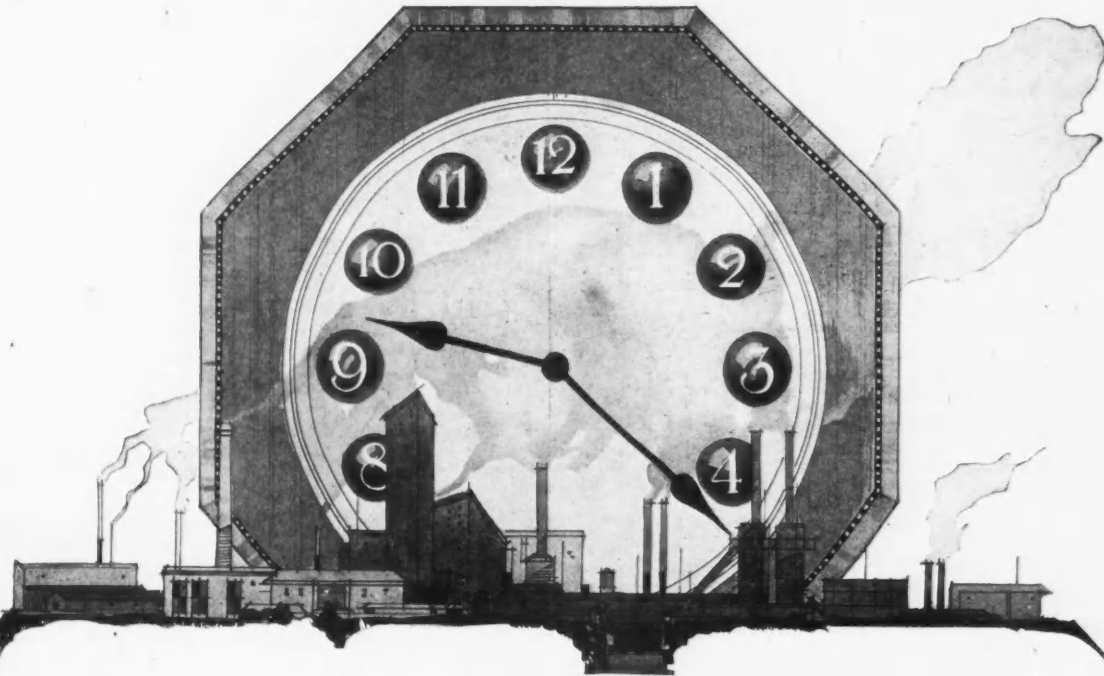
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