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PAPER TRADE JOURNAL

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NEW YORK AND CHICAGO, APRIL 1, 1920

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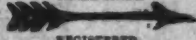
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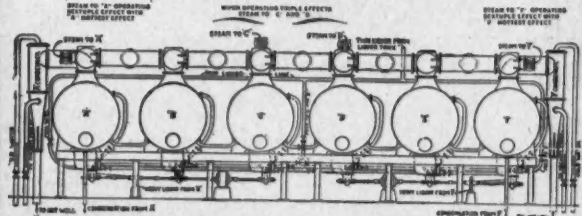
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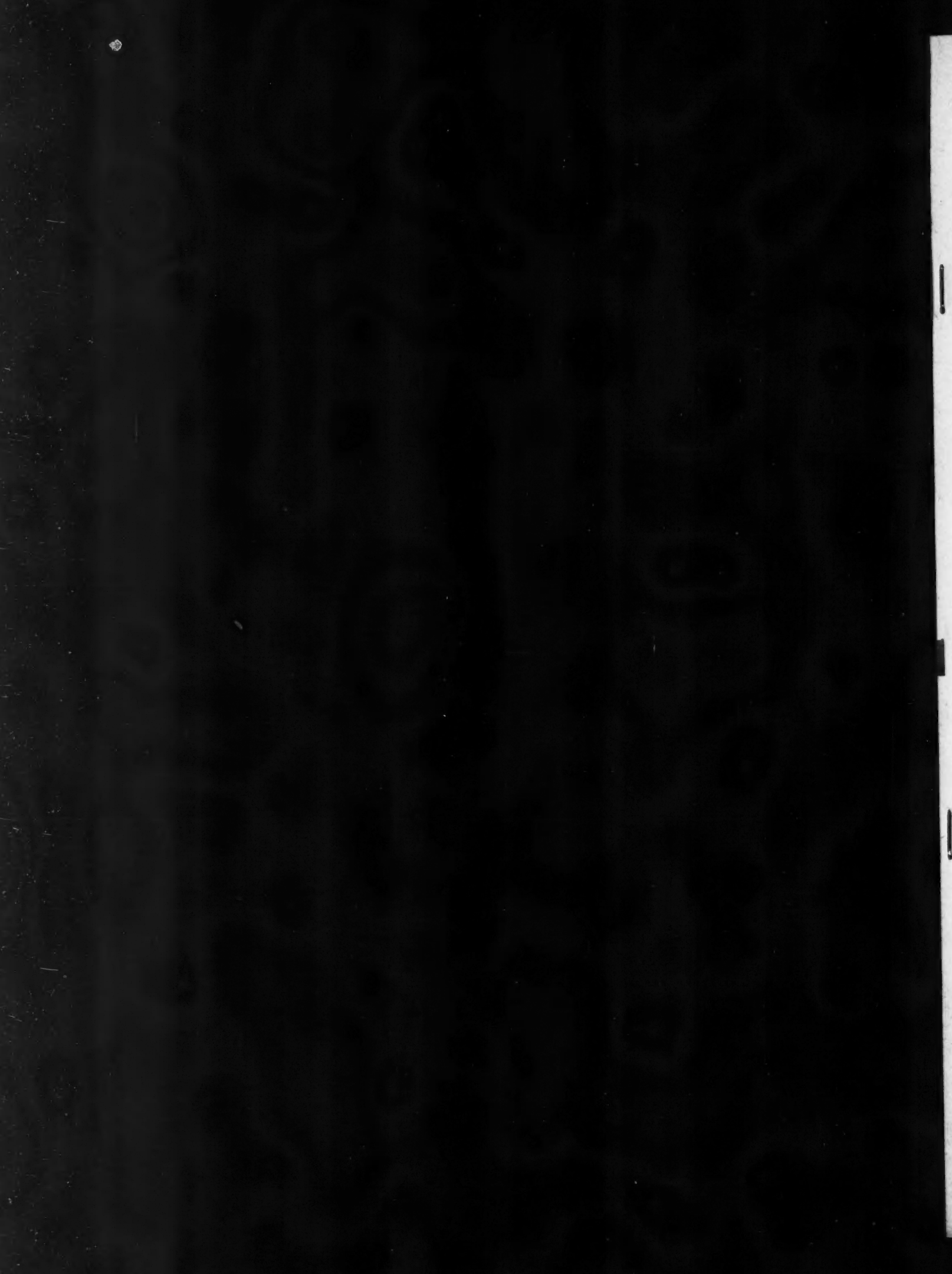
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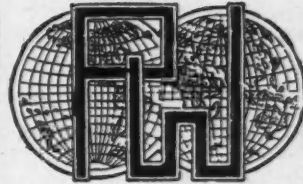


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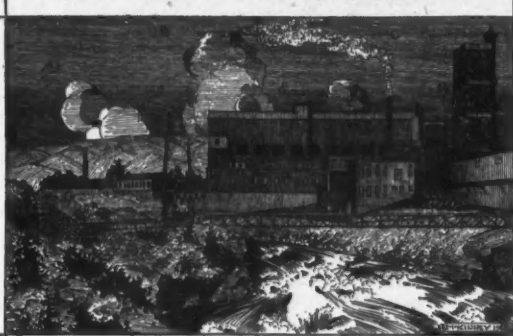
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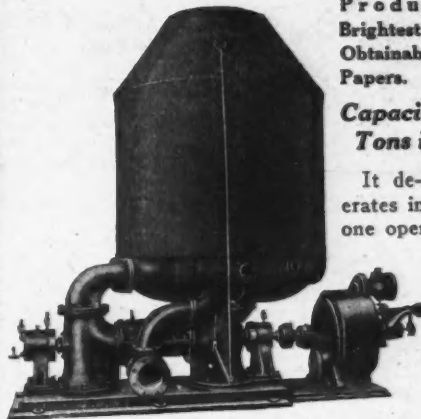
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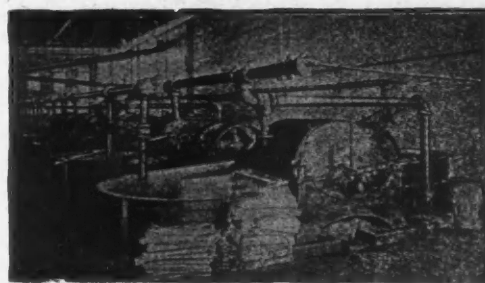
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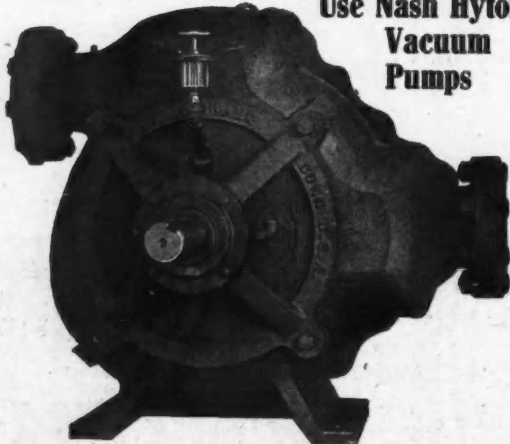
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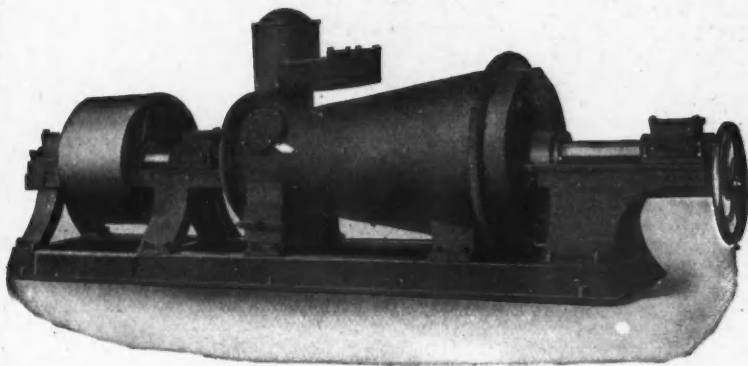
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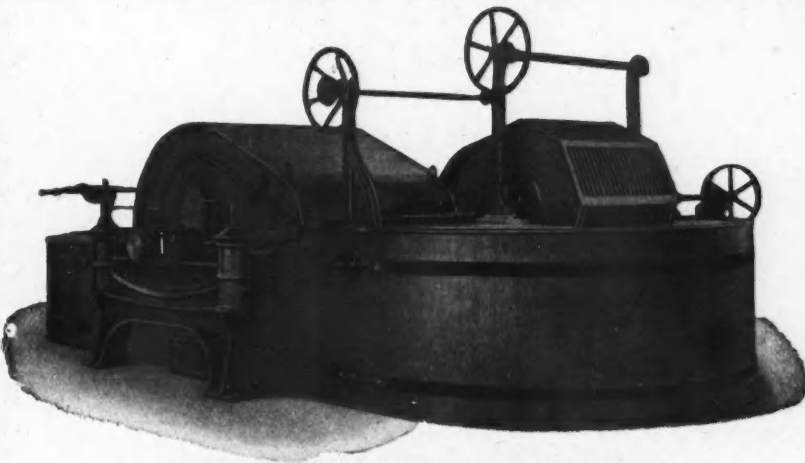
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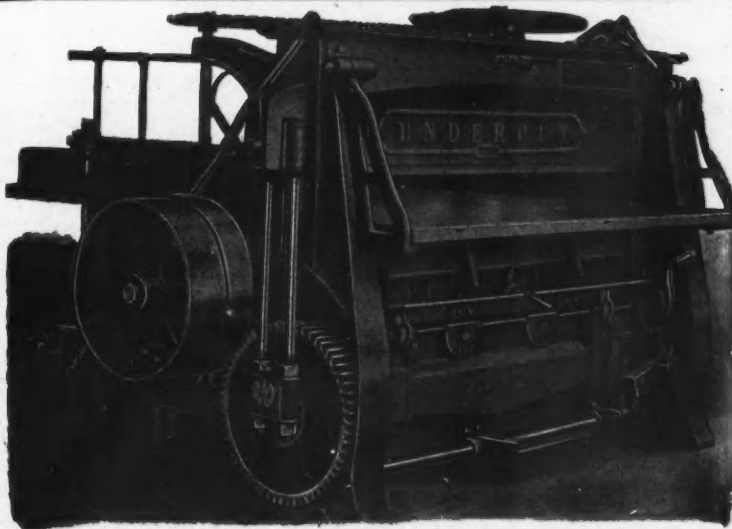
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PRODUCTION OF NEWS PRINT FOR THE MONTH OF FEBRUARY

Increase in Production of News Print in February, 1920, Over February, 1919, Amounted to More Than 10 Per Cent for Total Print and Slightly Less Than 12 Per Cent for Standard News—Total Time Machines Were Idle Increased from 2,274 Hours in January to 2,845 in February—Lost Time Was Due Chiefly to Weather Conditions—Stocks in Jobbers Hands at End of Month.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., March 30, 1920.—The following is a review of the reports received from domestic manufacturers of news print paper, from jobbers buying and selling news print paper and from leading publishers using news print paper, prepared by the Federal Trade Commission. Import and export statistics of the Department of Commerce are also included in the review. Whenever possible the figures for 1920 are compared with those for the corresponding period of 1919.

The figures which follow show the results of the commission's tabulation for February, 1920, compared with February, 1919. In addition, the tonnage for January of each year is shown for comparison purposes, together with the totals for the two months:

	Number of Mills.	Stock on Hand First of Month, Net Tons.	Production, Net Tons.	Shipments, Net Tons.	Stock on Hand End of Month, Net Tons.
Total Print:					
January, 1920.....	89	15,369	129,663	128,098	16,934
January, 1919.....	66	19,408	116,154	114,343	21,219
February, 1920.....	84	16,934	114,235	103,214	27,955
February, 1919.....	66	21,219	103,248	98,996	25,471
Total, 1920.....	..	15,369	243,898	231,312	27,955
Total, 1919.....	..	19,408	219,402	213,339	25,471
Standard News:					
January, 1920.....	66	12,338	114,957	112,719	14,576
January, 1919.....	51	15,656	106,002	105,169	16,489
February, 1920.....	69	14,576	105,342	95,123	24,795
February, 1919.....	51	16,489	94,224	91,170	19,543
Total, 1920.....	..	12,338	220,299	207,842	24,795
Total, 1919.....	..	15,656	200,226	196,339	19,543

NOTE.—Above figures for total print do not include hanging paper but include the print paper production of mills operating for the most part on some other grade. All figures prior to March, 1919, have been prorated from a weekly basis to a calendar month basis.

The average or normal production of total print and standard news based upon the total combined production for the years 1917, 1918 and 1919 amounted to 99,728 tons of total print and 89,700 tons of standard news for a period corresponding to February. The actual production amounted to 114,235 tons of total print and 105,342 tons of standard news, an increase in the case of total print of more than 14 per cent over the average for the three-year period and an increase in the case of standard news of more than 17 per cent over the average.

The increase in the production of news print in February, 1920, over February, 1919, amounted to more than 10 per cent for total print and slightly less than 12 per cent for standard news.

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

In addition to the stocks given above 202 tons were reported on hand at terminal and delivery points, February 29, 1920.

Loss of Production

Reports from 84 mills operating 188 machines running full or partial time on news print paper showed the following loss of time during the month of February, 1920:

Reasons.	Number of Mills.	Number of Machines.	Hours Idle.
Repairs	9	26	858
Other reasons	19	24	1,987

The total time the machines were idle increased from 2,274

hours in January to 2,845 hours in February. No lost time due to lack of orders was reported by news print mills. The lost time due to lack of coal amounted to 276 hours, due to delays in delivery occasioned by weather conditions. The lost time shown under other reasons is due chiefly to cold weather, lack of material, lack of power and rulings of the Railroad Administration in regard to shipments.

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, 1920, compared with the month of January, 1919, were as follows:

	January, 1920, Net Tons.	January, 1919, Net Tons.
Imports of news print (total).....	57,574	52,462
From Canada	56,296	52,462
From Norway	427
From Sweden	851
Exports of news print (total).....	3,834	12,761
To Argentina	1,667	4,241
To Brazil	468	1,797
To Australia	161	2,134
To Japan	147	173
To other countries.....	1,391	4,416
Imports of ground wood pulp (total).....	19,688	14,435
Imports of chemical wood pulp (total).....	31,243	29,640
Unbleached sulphite.....	6,434	18,257
Bleached sulphite	17,944	971
Unbleached sulphate	1,934	10,179
Bleached sulphate	2,643	233
Exports of domestic wood pulp.....	2,643	1,774

The imports of news print for January, 1920, were 5,112 tons greater than for January, 1919. The exports for January, 1920, were 8,927 tons less than for January, 1919.

The tonnage to "other countries" under the "Exports of News Print," for January, 1920, includes 381 tons to Uruguay, 274 tons to China, 112 tons to the Philippine Islands and 101 tons to Hong Kong.

The imports of mechanically ground wood pulp for January, 1920, were 5,253 tons greater than for January, 1919. The exports of domestic wood pulp were 869 tons greater than for January, 1919.

The imports of chemical wood pulp (total), for January, 1920, were 27,915 tons greater than for January, 1919.

Jobbers' Tonnage

The following tabulation shows the news print tonnage reported by sales agents and jobbers during the month of February, 1920, compared with February, 1919, together with commitments to buy and sell.

	On Hand First of Month.	Received During Month.	Shipped During Month.	On Hand End of Month.	Commitments to Buy.	Commitments to Sell.
Rolls:						
February, 1920.....	1,718	6,166	5,905	1,979	43,829	53,796
February, 1919.....	3,375	2,566	2,569	3,372	55,054	65,769
Sheets:						
February, 1920.....	3,701	2,914	2,946	3,669	5,844	4,078
February, 1919.....	8,261	1,821	2,148	7,934	1,534	1,646
Total news print:						
February, 1920.....	5,419	9,080	8,851	5,648	49,673	57,874
February, 1919.....	11,636	4,387	4,717	11,306	56,588	67,415

Stocks of rolls in the hands of jobbers at the end of February were 261 tons greater than the stocks in the hands of the same jobbers at the beginning of the month. Stocks of sheets were 32 tons less at the end of February than at the beginning of the month. The net increase in the total stocks of news print in the hands of jobbers at the end of February amounted to 229 tons.

Commitments to sell roll news were 9,967 tons greater than commitments to buy. Commitments to sell sheet news were 1,766 tons less than commitments to buy. Total commitments to sell both rolls and sheets were 8,201 tons greater than commitments to buy.

Publishers' Tonnage

Monthly tonnage reports from 707 (*) of the most important newspaper publishing concerns and associations grouped according to the principal business sections of the United States, together with a separate tabulation for the agricultural publications show the following results for February, 1920:

Location of Publishers.†	Number of Publications.	On Hand First of Month, Net Tons	Received During Month, Net Tons	Used and Sold		On Hand End of Month, Net Tons	In Transit End of Month, Net Tons
				During Month, Net Tons	During Month, Net Tons		
New England	85	15,321	10,822	13,322	12,821	3,725	
Eastern States	195	25,093	48,941	50,352	23,682	16,471	
Northern States	138	24,541	32,433	34,982	21,992	26,343	
Southern States	80	7,843	8,583	8,536	7,890	5,020	
Middle West	150	20,432	23,836	23,576	20,692	10,915	
Pacific Coast	32	5,860	12,649	12,064	6,645	2,507	
Farm papers‡	27	7,842	1,756	2,450	7,148	620	
Total U. S.	707	106,932	139,220	145,282	100,870	65,601	

*This number represents a much larger number of publications.

†New England includes Connecticut, New Hampshire, Maine, Massachusetts, Rhode Island and Vermont; the Eastern States include Delaware, the District of Columbia, Maryland, New Jersey, New York and Pennsylvania; the Northern States include Illinois, Indiana, Michigan and Ohio; the Southern States include Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia; the Middle West includes Arizona, Arkansas, Colorado, Idaho, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, Nevada, North Dakota, Oklahoma, South Dakota, Texas, Utah, Wisconsin and Wyoming; the Pacific Coast includes California, Oregon and Washington.

‡The farm papers for the most part use special grades of news print instead of standard news.

Publishers' stocks decreased 6,062 tons during the month. This, however, was more than offset by an increase of 8,841 tons in transit over that at the close of January.

The average daily tonnage used during February was slightly greater than the average used in January.

Publishers' stocks and transit tonnage on February 29 represented slightly less than 34 days' supply at the existing rate of consumption.

Sixty publishing concerns held about 45 per cent of the tonnage on hand at the end of the month.

Mill Prices to Publishers

The weighted average price of contract deliveries from domestic mills to publishers during February, 1920, f. o. b. mill in carload lots for standard news in rolls, was \$4.533 per 100 pounds. This weighted average is based upon February deliveries of approximately 65,000 tons on contracts involving a total tonnage of more than one million tons of paper manufactured in the United States.

The weighted average contract price based on deliveries from Canadian mills of more than 14,000 tons of standard roll news in carload lots, f. o. b. mill in February, 1920, was \$4.569 per 100 pounds. This weighted average is based upon the February deliveries on contracts involving more than 300,000 tons of Canadian paper. The greater number of these are short-term contracts covering the year 1920.

The weighted average market price for February of standard roll news in carload lots f. o. b. mill based upon domestic purchases totaling more than 7,000 tons was \$7.997 per 100 pounds.

Program for National Paper Trade Meeting

The Seventeenth Annual Meeting of the National Paper Trade Association will be held at the Waldorf-Astoria, New York City, on April 12-15, 1920.

The Tenth Annual Banquet, Vaudeville and Dance will be held on the night of April 14th.

Headquarters will be maintained during the four days of the meeting in room 117, which is located on the 33rd Street side of the second floor of the Waldorf-Astoria.

As in past years, a most cordial invitation is extended to the ladies to attend the Tenth Annual Banquet, Vaudeville and Dance on the evening of April 14th, at the Waldorf-Astoria, at 7 o'clock. The members are privileged to invite as their guests any one engaged in the paper business, either as manufacturer or merchant. Owing to the large attendance, tickets will be issued only to members and their guests. The increased costs has made it necessary to advance the price of tickets to \$10.00 and application should be made to William C. Ridgway, Secretary, 41 Park Row, New York, at once, giving him the names of those who will attend and accompanied by the proper remittance check to his order.

The committee urgently requests that all applications be made

prior to April 6, and it desires to give notice that those applying subsequently to that date will receive no guarantee as to seating.

Under the provisions of the By-Laws of the Association any member of a constituent Association is entitled to be present and to cast one vote on a question coming before the annual meeting.

At the divisional meetings of the Coarse and Fine Paper Divisions of the Association, each member of a constituent association stocking fine papers or coarse papers is entitled to attend the respective meetings and cast his vote thereat. Those members of the constituent associations stocking both coarse and fine papers are, of course, entitled to attend both meetings.

The members are reminded that any legitimate paper merchant in the United States is welcome at these meetings. The Association desires to extend its membership as widely as possible and to interest in Association work all legitimate paper merchants. At the request of any member, the Secretary would be glad to extend to a non-member an invitation to attend.

The annual meeting of the Board of Directors of the Association will be held in the Assembly Room of the Waldorf-Astoria on Monday morning, April 12, at 9.30 sharp. Members are invited to submit to the Secretary any matter which should have the action of the Board at this meeting.

The annual meetings of the Executive Committees of the Coarse and Fine Paper Divisions of the Association will be held immediately after the adjournment of the meeting of the Board of Directors and will remain in session until all business is disposed of.

The meeting of the Executive Committee of the Fine Paper Division will be held in the Assembly Room and that of the Executive Committee of the Coarse Paper Division in Room 120.

The seventh annual meeting of the Coarse Paper Division of the Association will be held in the Astor Gallery on the afternoon of Tuesday, April 13, at 2 o'clock sharp.

The annual meeting of the Fine Paper Division of the Association will be held in the Astor Gallery on the morning of Wednesday, April 14, at ten o'clock sharp.

The seventeenth annual meeting of the Entire Association will be held in the Astor Gallery of the Waldorf-Astoria at 2 o'clock on the afternoon of Wednesday, April 14.

May Not Enforce Lien Against Miami Tissue Mills

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, March 29.—Judge John W. Peck, of the United States court, has just granted a temporary injunction restraining Jacob B. Schmidt and William A. Graves from proceeding to enforce, in the Common Pleas court of Warren county, liens against the property of the bankrupt Miami Valley Tissue Mills Company at Franklin.

A restraining order against the Sreer Pulp & Paper company was refused Paul V. Connolly as trustee in bankruptcy. Whether the injunction will be made perpetual will be determined later.

Buys Baltimore Roofing & Asbestos Mill

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, March 29, 1920.—Arthur E. Van Bibber of this city last week bought at auction the large plant of the Baltimore Roofing and Asbestos Company at Asbestos, Md. The purchase price reported was \$550,000. The mills are to be started on the manufacture of roofing and floor felt coverings. One hundred and twenty-five men will be employed.

Nitro Pulp Mills Inc. to Erect Plant

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, March 29, 1920.—Reports were received in this city that a syndicate headed by J. S. Cochran of the Durham Paper and Pulp Company of Riegelsville, Pa., has secured control of fifty-one acres in the war town of Nitro and that buildings are to be erected for the Nitro Pulp Mills, Inc., with a capital stock of \$1,000,000.

UNION BAG & PAPER CORP. EARNS \$16.91 PER SHARE

1919 Report of the Corporation Shows a Surplus After Charges and Federal Taxes Amounting to \$1,680,619—Net Earnings of the Concern Last Year Amounted to \$2,335,255 as Compared With \$2,619,173 in the Year Before While Depreciation Decreased to \$348,221 from \$460,710—During the Year the Company Paid Dividends of \$836,062, Compared with \$589,074 in 1918.

[FROM OUR REGULAR CORRESPONDENT.]

The 1919 report of the Union Bag and Paper Corporation shows a surplus after charges and Federal taxes amounting to \$1,680,619. This was equal to \$16.91 a share earned on the \$9,933,600 outstanding capital stock. The company earned \$14.32 a share on the \$9,887,000 capital stock outstanding in 1918. In 1918 the fiscal year of the company was changed to December 31 from January 31. Net earnings of the company last year were \$2,335,255, as compared with \$2,619,173 in the year before, while depreciation decreased to \$348,221 from \$460,710. During the year the company paid dividends amounting to \$836,062, as compared with \$589,074 in 1918, while the profit and loss surplus at the close of the year was \$3,948,987, as compared with \$3,174,715 as of December 31, 1918.

For the year ending December 31, 1919, the consolidated balance sheet is as follows:—

ASSETS	
CAPITAL ASSETS:	
Mill and factory buildings, machinery and equipment, timberlands, real estate and water power:	
As at January 1, 1919	\$12,008,576.61
Additions since	424,414.66
	\$12,432,991.27
<i>Less:</i> Depreciation reserve:	
As at January 1, 1919	\$1,338,480.00
Provided out of earnings for year	348,221.26
	\$1,686,701.26
<i>Less:</i> Sundry charges	37,834.71
	1,648,866.55
	\$10,784,124.72
Capital stock of the St. Maurice Paper Company, Ltd., at par (37,500 shares of a total of 50,000 shares)	3,750,000.00
	\$14,534,124.72
CURRENT ASSETS:	
Inventories (at or below cost):	
Pulpwood in rivers and piles.....	\$1,056,490.63
Supplies, stores, fuel, etc.....	471,205.24
Merchandise on hand and in process	1,491,983.16
	\$3,019,679.03
Accounts and bills receivable.....	1,422,359.24
Marketable investments—U. S. Victory bonds, Treasury certificates of indebtedness, etc.	430,000.00
Cash in banks and on hand.....	415,692.42
	\$5,287,730.69
DEFERRED CHARGES:	
Prepaid insurance, taxes, etc.....	71,752.09
	\$19,893,607.50

LIABILITIES	
CAPITAL STOCK:	
100,000 shares of \$100 each.....	\$10,000,000.00
Of which issued and outstanding.. shares 99,336	
Reserved for exchange for outstanding shares of preferred and common stock of the Union Bag and Paper Company, in accordance with agreement of consolidation	" 664
	shares 100,000

FUNDED DEBT:	
First mortgage 5% gold bonds of the Union Bag and Paper Company..	\$5,000,000.00
<i>Less:</i>	
Bonds in Treasury...\$	944,000.00
Bonds redeemed and held by Trustees of sinking fund	1,609,000.00
	2,553,000.00
	\$2,447,000.00
First Mortgage 5% gold bonds of Cheboygan Paper Company	700,500.00
Six per cent bonds of Allen Brothers Company	150,000.00
	3,297,500.00

CURRENT LIABILITIES:	
Accounts payable	\$ 424,400.88
Accrued interest on bonds.....	75,808.33
Accrued excess profits and income tax	290,000.00
	790,209.21
CAPITAL SURPLUS:	
Surplus disclosed on appraisals of properties as of January 31, 1917	1,856,911.70
SURPLUS, as per statement annexed.....	3,948,986.59
	\$19,893,607.50

INCOME ACCOUNT	
Net earnings after deducting ordinary repairs and maintenance, but before providing for depreciation	\$2,335,254.82
<i>Less:</i> Provision for depreciation	348,221.26
	\$1,987,033.56
Income from investment in stock of St. Maurice Paper Co., Ltd.—Dividends (3) of 1¼% each...	140,625.00
	\$2,127,658.56

<i>Deduct—Interest:</i>	
On 5% first mortgage gold bonds of the Union Bag and Paper Company	\$ 140,444.83
On 5% first mortgage gold bonds of Cheboygan Paper Company..	39,166.66
On 6% bonds of Allen Brothers Co.	9,200.00
	188,811.49
	\$1,938,847.07
Provisions for excess profits and income taxes....	258,227.77
	\$1,680,619.30

DIVIDENDS:	
Three-quarterly of 1½% paid March, June and September 15, 1919.....	\$ 443,550.50
Quarterly of 2% paid Dec. 15, 1919	196,630.00
	(Continued on page 28)

When You Buy SULPHITE OR KRAFT PULPS

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Wood Pulp Agents

347 MADISON AVE.

NEW YORK

HALL CAINE INVESTIGATES CANADIAN PAPER SITUATION

Great Difficulty About Establishing Mills in Canada With Capital From Great Britain, According to Mr. Caine, Is the Adverse Exchange—North American Pulp & Paper Co. and Saguenay Pulp & Power Co. Get Contract for 50,000 Tons of Mechanical Pulp Annually from Great Britain—Good Progress on New Mill of International Paper Co.—Canadian Pulp for Belgium.

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., March 29, 1920.—G. Ralph Hall Caine, son of the famous novelist has arrived in Montreal on a two months' visit to Canada investigating the pulp and paper situation for a group of prominent English and French manufacturers. During the war Mr. Hall Caine was deputy controller of paper in England. He was also chief technical adviser on paper to His Majesty's Government and was chairman of the Inter-Allied Paper Program Committee which controlled the quantity of paper allotted to each Allied country. He is intimately connected with the paper industry, for he is a director of fourteen paper mills in Great Britain. This group of mills is thought to be the largest in the world, making nearly 4,000 tons of news print a week.

Mr. Hall Caine says that in England and France newspaper proprietors and pulp manufacturers are feeling somewhat apprehensive of the supply of raw material available. Having strong sentimental as well as business interests in the Dominion of Canada, they are anxious to link up with Canadian mills and as a consequence not to be so much dependent, as in the past, upon Scandinavian countries.

"The situation in England and France during the past six months has been that we were constantly faced with the rapid rises in price—partly due to altered conditions in our home mills, such as the new labor conditions, and partly due to rapid increase in the price of raw material over which newspaper owners have no control. The newspaper proprietor's point of view is that he cannot keep changing the price at which he sells his journal from month to month, whereas the manufacturer is able to do that. Also he cannot reasonably change his advertising rates to meet the rising cost of news print. Advertising rates must be fixed for some length of time so that the advertiser can figure on the same price for a number of insertions. The newspaper proprietor must also know within certain limits how much news print he can count on in order to plan for the size of his paper for each day. During the past six months it has been almost impossible to know any of these things.

"The men with whom I am associated decided to send me to Canada to see if it is possible to enlarge existing properties with which some of us are already connected, or to create new mills to manufacture wood pulp so that a much larger percentage of our raw material may be secured in Canada. The great difficulty about establishing new mills in Canada with capital from Great Britain," he said, "is the adverse exchange. I hope that some of the ministers of the Canadian Government at Ottawa will receive me so that I may have an opportunity of discussing with them some views that prominent men of my group have regarding this matter. There are some suggestions I should like to put forward which would make it possible for capital to be introduced from Great Britain without it having to suffer almost a 25 per cent loss when the exchange rights itself."

Mr. Hall Caine added that the British Government had long since ceased to interfere with the paper industry in spite of the fact that the users of paper were in much more severe straits

than those in Canada. The price in England for news print was around five pence per pound. There has never been any such antagonism between news print manufacturers and publishers in Great Britain as seems to have developed here. What really happened was that the paper controller got them interested together and they agreed upon fundamental principles, including the price basis. Since the armistice, the Government, had not interfered in the matter of news print at all, and it seemed strange to him to come over here and find as far as news print was concerned, Canada was still in the midst of the war.

Record Contract for Pulp

The largest contract for mechanical pulp by any Canadian concern for delivery in Great Britain is now being concluded between the North American Pulp and Paper Company and the Saguenay Pulp and Power Company, and a group of English paper companies. The contract has been under negotiation for some time past and will call for the delivery of 50,000 tons of mechanical pulp a year, beginning January, 1921. It is learned that the price which has been agreed upon will give to the manufacturing companies a net profit of \$10.00 a ton over and above all manufacturing costs including interest on bonds and depreciation.

The North American pulp plants, after early in the new year, will have a total output of approximately 120,000 tons a year. The large contract arranged in England will therefore, leave a balance of about 70,000 tons a year for shipment to other customers in Great Britain and the United States.

The contract now being concluded in England will run for a term of ten years.

International Paper Company's New Mill

Construction work on the new sulphite mill at Three Rivers, Que., being built for International Paper Company, is proceeding ahead of schedule. The sulphite mill, with a capacity of 100 tons of sulphite pulp daily, should be completed before the end of next summer. The news print mill, which is planned for a capacity of 200 tons of print paper daily, will not be completed until late in 1921. In the meantime the company will ship the sulphite pulp manufactured at Three Rivers to news print mills in the United States. Restrictions which prohibit the exportation of wood cut from Canadian Crown lands do not apply where the wood is manufactured into pulp in the Dominion. The company will, therefore, be free to ship the manufactured pulp to its mills south of the international border.

Kipawa Producing Bleached Product

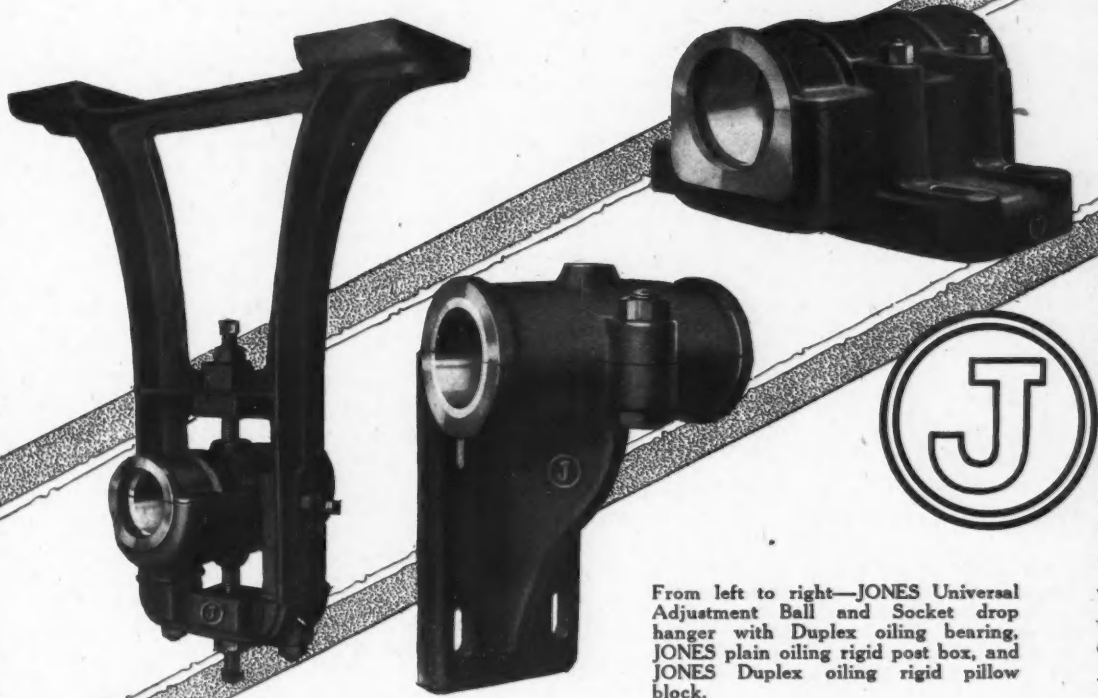
The Kipawa Company, Limited, a subsidiary of the Riordan Pulp and Paper Company, which has been manufacturing unbleached sulphite pulp since the latter part of December, began turning out the bleached product during the week and by the first of May will be running to full capacity of over 100 tons per day. This product has been selling recently as high as \$155 a ton at the mill payable in New York funds. A number of the directors have visited the plant during the past week.

Canadian Pulp for Belgium

Godfrey Langlois, Agent General of the Province of Quebec, for Belgium, is endeavoring to secure markets for Canadian pulp in that country. He says that the Minister of Trade for Belgium is anxious that Canadian manufacturers should look into the Belgian market, as the Belgian paper mills would like to get their supplies of pulp from Canada. At present Belgium consumes 120,000 tons of pulp per year, and practically none of it is coming from Canada. The special supplies are received from Sweden and Norway. At the Parliament building in Quebec there is now on exhibition a complete series of samples supplied by the Belgian Government of pulp now being sold in Belgium by the Scandinavian firms and showing the origin and price of each sample. The Belgian Government has secured the help and ex-

(Continued on page 22)

For Quality, Service and Co-operation



From left to right—JONES Universal Adjustment Ball and Socket drop hanger with Duplex oiling bearing, JONES plain oiling rigid post box, and JONES Duplex oiling rigid pillow block.

QUANTITY transmission JONES started out to make, and quality transmission JONES has produced consistently. All items provide greater strength, better appearance, higher quality finish throughout, points of practical advantage found in other lines, and the many exclusive JONES features.

SERVICE has been a JONES watchword for 30 years. In these times of slow delivery and indifferent attention to your needs, it is a money saver. It has endured since the foundation of the firm; it will continue as long as we exist.

CO-OPERATION is the essence of JONES dealings in all transactions. JONES dealers can tell you what JONES co-operation means to them—permit them to show you what it can mean to you.

W.A. Jones Foundry & Machine Co.
4423 West Roosevelt Road, Chicago.
New York, 30 Church Street

HALL CAINE INVESTIGATES CANADIAN PAPER SITUATION

(Continued from page 20)

perience of Mr. Henrotte, technical manager of "Union des Papeteries," with the seven mills under his control, to make experiments with Canadian pulp and to have the results published; the only condition is that he should have at least 10,000 tons of pulp for the purposes of experiment. Mr. Langlois adds that it is realized in Belgium that it is difficult to get supplies from Canada at present owing to the pressing demands, but that it is hoped gradually to build up trade with Canada so as to get a progressively increasing supply of pulp from this country.

A 30 Per Cent. Dividend for Abitibi

Directors of the Abitibi Power and Paper Company, Limited, met in Montreal during the week and declared a quarterly dividend of 7½ per cent on the common stock of the company for the first quarter of the current year, thus placing the securities on what is virtually a 30 per cent dividend basis. The disbursement will be made to shareholders of record of April 3, next, on April 15. No announcement was made following the meeting as to the forthcoming reorganization of the share capital of the company, the preliminary details of which were made public several months ago. It is understood, however, that the plan whereby the present stock is to be exchanged for new shares on a five-for-one basis, has been definitely rounded out and only formalities remain to be disposed of. Official announcement in this respect is expected before the middle of April or in time to give the shareholders the required notice before their annual meeting, the date of which has been set for April 26.

The dividend action on the part of the directors of the company would seem to indicate definitely that the new stock is to be placed on a 6 per cent basis from the outset, while the rate on the present stock is 30 per cent per annum. This large dividend declaration draws attention in a direct way to the phenomenal prosperity at present prevailing in the pulp and paper industry of the Dominion. If a comparatively new enterprise, like the Abitibi Company, has in a few years—the company was only organized in 1914—been able to work itself into a position enabling it to make disbursements among its shareholders at the rate of 30 per cent, per annum, what position may some of the other and older concerns occupy? The stock is now selling at around 130.

Manitoba's Pulpwood Supply

The Manitoba Government has been asked to consider the building of a railway line to Grand Rapids in Northern Manitoba, where it is stated, splendid opportunities await the manufacturer of pulp and paper. The potential horse-power on the river there, is stated to be 150,000 horse-power. The surrounding country is covered by huge areas of spruce and tamarack and there is a number of water ways enabling the logs to be brought to the place where the mill could be built on Grand Rapids. A paper mill at this point would be a boon to the newspapers on the prairies which have been more or less short of news print all winter.

Big Power Development in Manitoba

The Provincial Government of Manitoba is now obligated to provide a hydro-electric power service, similar to that in Ontario, although, of course, not on such a large scale. It is expected to expend about \$25,000,000 on this work before it is completed. Already the first transmission line from Winnipeg to Potash is near completion; ultimately the plan is to tap the water powers which lie in the western section of the Province. In the meantime, the Winnipeg River Power Company are preparing to begin actual construction work on the dam and power house at Great Falls. The project which will entail a total expenditure of at

least \$9,000,000 is backed by the interests behind the Winnipeg Electrical Railway Co.

United States and Canadian Pulpwood

A. L. Dawe, secretary of the Canadian Pulp and Paper Association has contributed an article to the Montreal *Gazette* in regard to the Underwood resolution, in which he claims that there is no shortage of pulpwood in the United States, but that this is being reserved, and that there is no excuse whatever for any attempt to encroach upon Canadian supplies in the way suggested by Senator Underwood.

Hon. W. S. Fielding on Underwood Resolution

Hon. W. S. Fielding, formerly Minister of Finance for Canada, in an article on the Underwood resolution demanding freedom of export for Canadian pulpwood, says: "It is the undoubted right of a land-owner, when he is asked to lease his property, to make stipulations as to the terms of the lease. It is this right that the Governments of the Provinces are exercising. From some of the American criticisms it might be inferred that our Provincial Governments are discriminating against American lessees. But such is not the case. The holders of the leases, whether they are Canadians or Americans, have alike to submit to the conditions respecting the manufacture of the wood in Canada. The terms of the leases must, of course, speak for themselves. If the Provincial Governments attempt to do anything that is at variance with the conditions of the leases the parties concerned can find a remedy in our courts. But if the Governments are acting in accordance with the terms of the leases, it is not easy to understand how anybody can find in their action a cause of grievance.

"If the Senate resolution be concurred in by the House of Representatives, and a Commission be appointed, its members who come from Washington to inquire into this matter will, of course, be received with all due courtesy, and the fullest explanations will be furnished. But it would be a mistake for our American neighbors to start out with the idea that they have any grievance in the affair. The Commission which, it is proposed, shall have an appropriation of \$50,000 for its expenses, can really obtain no information on the subject that could not as easily be obtained by an exchange of letters between Washington and any citizen on this side of the line who is acquainted with the situation. The coming of the Commission, which cannot be expected to accomplish anything, and its return to Washington with a report of failure, may serve to continue and expand the present irritation, for which there really is no ground."

Grand Falls Deal Too Expensive

A dispatch from Fredericton, N. B., states that the International Paper Company has determined to expend the necessary \$100,000 this year in the power development at Grand Falls to comply with the provision of the act of the N. B. Legislature and thus retain its rights for which it has already posted \$60,000 with the Provincial Government.

While the International Paper Company is thus prepared to comply with conditions necessary for the retention of its rights, it is also declared that there is little likelihood of the complete development plan at Grand Falls being proceeded with under the present economic conditions. It is understood that the engineers have advised that not less than \$9,000,000 would be required to carry out the same development plans which a few years ago were estimated to cost \$3,000,000. These figures come from one who is conversant with the situation and, it is further declared, that at such a cost financiers do not look with favor upon the proposition.

J. Andersen & Co.

21 East 40th St., New York, N.Y.

A-1 Bleached Sulphite

Agents for

KELLNER-PARTINGTON PAPER PULP CO. LTD.
Borregaard, Norway

WAYAGAMACK

KRAFT PULP

*Uniform in Quality
Essential for Strength Requirement*

The Pulp and Paper Trading Company

21 East 40th St., New York, N. Y.

Sole Agents for United States for

CANADIAN KRAFT, Ltd.

Three Rivers, Canada

HIGH WATER IN WISCONSIN CLOSES SOME PAPER MILLS

Large Losses Are Suffered as a Result of the Continued Rainfall Which Raised the Level of the Rivers to Flood Stage—Dells Pulp & Paper Co., Has Portion of Its Dam Carried Away and Otherwise Suffers Heavy Loss—Pulp and Paper Mills on the Wisconsin River Also Suffer Considerable Loss—Nekoosa-Edwards Paper Co. to Re-establish Three-Tour Shifts.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., March 30, 1920.—Paper mills on the Wisconsin and Chippewa rivers were forced to close down and several suffered large losses as a result of the continued rainfall which raised the levels of those rivers to flood stage. In the central and western parts of the state rain fell almost incessantly for three days and the immense volume of water, added to that caused by the rapidly melting snow and ice, caused the water to rise to the highest level since 1905 when practically all the territory along those two rivers was inundated.

Dells Paper Co. Suffers Big Loss

The heaviest loss was suffered by the Dells Pulp and Paper Company at Eau Claire. A huge mass of ice crashed against the Dells company's dam, carrying away a portion of it and wrecking a footbridge erected by the company. Log booms in the Chippewa river which were holding back a big ice jam gave way under pressure of the high water.

Wrecking of the dam materially reduces the water power available to the Dells company. By means of splash boards the company had maintained a head of water ten feet higher than the dam, giving it large additional water power for operation of the plant. The splash boards were carried away and this extra power has been lost. It probably will be impossible to make repairs until low water period in July.

The entire plant was forced to shut down immediately after the dam went out, but part of it was able to resume operations later in the day. The ground wood mill, however, was not in a position to operate. Water continued to rise until the entire plant was closed down again and it may be several days before operations can be started.

The company usually grinds its surplus wood supply during the spring of the year but the accident to the dam will make that impossible this year, officials said.

Wisconsin River on Rampage

The Wisconsin river is also on a rampage but the damage is not so great. Several huge power dams have been strengthened and so far have withstood the assault of water and ice. The entire plant of the Wausau Paper Mills Company, at Brokaw was closed and only two departments in the Marathon Paper Mills Company's plant at Rothschild were in operation.

The water at Wausau is above the flood stage and much of the lowland about the river was flooded. Further north along the Wisconsin river the river had not risen as rapidly and the water was not far above the normal stage. No damage was reported from Merrill and Tomahawk where large mills are located. The snow in the north woods has not melted perceptibly, however, and mill men are not at all sure the danger has passed. Huge ice floes are floating down the river and much dynamite has been used to break them up.

Falls Mfg. Co. Obligated to Close

The Falls Manufacturing Company's plant at Oconto Falls was obliged to close when that city was visited by the worst flood in its history. The dam at Pulcifer went out and gates in

other dams were raised to prevent them from breaking. Practically all the streets were flooded and navigation was by boat. No trains entered the city for several days because the tracks were under water. It was feared that much of the ballast was washed away.

Little Trouble on Fox River

Little trouble has been experienced by mill owners on the Fox river thus far. A needle dam at Appleton, maintained by the Patten Paper Company and the Kimberly-Clark Company, was undermined by the ice, but repairs were made before the situation became dangerous. Much of the planking was replaced while the water was shut off by closing the dams at Neenah. The needle dam has seen many years of service and will be replaced by a new structure in the near future. It is possible that the new dam may be built this year.

Narrowly Escape Death

August Blair, superintendent of the ground wood mill of the Riverside Fibre and Paper Company at Little Rapids, and a mill workman had a narrow escape from death while at work on a needle dam near the mill. Blair and the workman went out on the dam to pull out needles to permit the water to pass through more rapidly when the ice carried away part of the walk. They were marooned on the dam and the ice began piling up and threatened to carry away the remainder of the structure on which the men were standing. A boat was sent to their rescue and they were brought to shore but had to swim part of the distance when the boat started to sink after it was struck by a large cake of ice.

To Go on Three Shift Plan Again

The three shift plan for all employees in the Port Edwards and Nekoosa mills of the Nekoosa-Edwards Paper Company will be re-established April 1, it was announced by the company. The men working in the yards and on outside work where daylight work only can be carried on will work nine hours with nine hours' pay.

The Nekoosa-Edwards Company maintained the three tour system in its mills for several years prior to the strike last summer. When the mills were reopened there was a shortage of help and many men worked a half shift overtime each day. Their pay was based on the eight hour day, however. Now with labor more plentiful the company has gradually been eliminating the overtime feature and on April 1 all employees in the mills proper will return to the eight hour day basis. About 800 men will be affected. Officials of the company are now working on a new wage scale which will be announced shortly after April 1.

Nekoosa-Edwards to Erect Building

Construction of a new clockhouse for the Nekoosa-Edwards Company has been started at Port Edwards. This structure will cost about \$25,000 and is to be of brick, steel and concrete construction. The building will be used to pass the men into the mill and is similar to the system used at the Nekoosa mill. The second floor of the building will be especially fitted to house fifty men comfortably.

The Ballard-Sprague Company is installing the Jensen acid system in the company's sulphite mill at Port Edwards. This system consists of three towers and is similar to that now being installed at the Consolidated Water Power and Paper Company's plant at Grand Rapids.

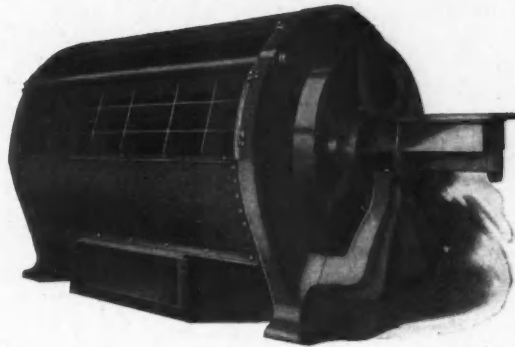
Get \$1 Damages Against Nekoosa-Edwards Co.

Twenty-four Minneapolis and St. Paul men who started suit against the Nekoosa-Edwards Company to recover damages for time lost because they were not informed of a strike at the company's mill when they were employed last summer were given a verdict of \$1 each by a circuit court jury which deliberated all

(Continued on page 64)

“IMPCO” TAILING SCREENER
FOR SCREENING GROUND WOOD TAILINGS

**Very Low
 Power
 and
 Upkeep Expense**



**Delivers
 Rejections Free
 from Good
 Stock**

ANOTHER UNIT OF OUR CLOSED SYSTEM FOR PULP SCREENING
WRITE FOR FULL DETAILS *CORRESPONDENCE A PLEASURE*

IMPROVED PAPER MACHINERY CO. Nashua, N. H.
SHERBROOKE MACHINERY CO., LIMITED, SHERBROOKE, CANADA

LET US SUPPLY YOU

**NEWPORT SILICATE
 OF SODA**

**40° BAUME 42°
 1 DRUM or 100 TANKS**

PROMPT SHIPMENT FROM CARROLLVILLE, WIS.

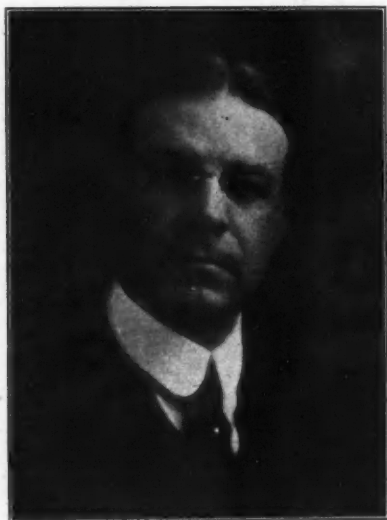
NEWPORT CHEMICAL WORKS, Inc.
 120 BROADWAY, GENERAL OFFICES:
 NEW YORK CITY PASSAIC, N. J.

BOSTON PAPER ASSOCIATION HOLDS ITS ANNUAL BANQUET

Thirty-fourth Annual Meeting of the Organization Is Largely Attended and Is a Big Success—Herbert W. Mason Is Elected President of the Association—Governor Calvin Coolidge of Massachusetts Makes Interesting Address on Industrial Unrest—C. A. Weed, Vice-President First National Bank of Boston and Rev. Dr. Willard Scott Among Other Speakers—Those Present.

[FROM OUR REGULAR CORRESPONDENT.]

BOSTON, Mass., March 25, 1920.—The paper trade of this city is making quite a reputation as an entertainer, judging by the attendance at the New England Paper Merchants' annual dinner, held here last week, and the large gathering of men prominent in the trade which were present at the 34th annual meeting of the Boston Paper Trade Association last evening. The counter attrac-



H. W. MASON, PRESIDENT

tion of Herbert Hoover, the receptive candidate for nomination for President of the United States, who spoke during the day and evening at several meetings of business organizations, did not detract from the Boston Paper Trade annual, as the attendance was the largest in its history. The Hoover invasion was met by the association having as its chief guest another prominently mentioned presidential possibility, Governor Calvin Coolidge of Massachusetts.

Nearly Two Hundred Present

Prior to the banquet, which was held at the Algonquin Club, for many years the rendezvous of Boston paper trade annuals, nearly two hundred members and guests renewed acquaintances in the reception halls, where the committee in charge made certain all were known to each other.

At the close of the banquet a short business session was held, during which the reports of President Warren, Secretary Stevenson and Treasurer Casey were read. The latter during his two years' tenure of office has so successfully kept the finances on the dividend side of the ledger that W. F. McQuillen suggested his term be made a life job.

The New Officers

The nominating committee reported the following as their selection of officers:

H. W. Mason, president; J. A. Andrew, first vice-president; Alfred Leeds, second vice-president; T. H. Casey, treasurer; W. B. Stevenson, secretary.

Executive committee: The president, the first vice-president, the treasurer, the secretary, ex-officio, and M. H. Warren, N. Harrower, F. B. Cummings.

Membership committee: T. N. Cook, chairman; W. W. Jenks, P. V. Von Olker, E. H. Stone, C. A. Young.

Arbitration committee: G. W. Wheelwright, W. F. Smith, W. E. Pratt, A. W. Esleack.

Auditor: C. A. Estey.

Thanks Members for Loyal Support

The report met with unanimous approval. President Warren in retiring from office thanked the members for the loyal support they had given to his administration, bespeaking the same consideration for his successor, Herbert W. Warren, of the S. D. Warren Company. Mr. Mason expressed his appreciation of the honor bestowed upon him, and assured the members he would faithfully adhere to the regulations adopted by his many predecessors, and by doing so would continue to merit the confidence of the trade, uphold the integrity of the association and insure its progress.

Governor Coolidge on Industrial Unrest

In introducing Governor Coolidge, President Warren cited the fact that the association had been honored in the past by having as its guests many men prominent in the nation's affairs, mayors, governors, United States senators, etc., and on one occasion a President of the United States, William H. Taft. The Governor confined his remarks to the spirit of unrest which had invaded the country, citing the several attempts made to overthrow government rule, and assured his hearers that the time would never come when law and government would fail in commanding the respect of the citizenship of America. His remedy for the clarifying of the industrial situation as it exists today was for a better understanding between employer and employe, and the return by the latter of an honest day's labor for the pay received.

Other Speakers

C. F. Weed, vice-president of the First National Bank of Boston, related his experiences on a recent trip to the Far East, painting a word picture of the countries he visited, their inhabitants, their business methods and their resources. He particularly emphasized the business possibilities which existed for the merchants of this country, especially in China. His views on Japan expressed the belief that this nation was friendly to our country, and the Japanese looked to America for ideas in the world's advancement.

The last speaker of the evening, Rev. Dr. Willard Scott kept his audience convulsed with laughter by his dry humor, which often contrasted the position of the minister of today with that of the high salaried laborer. During his serious moments he sent home the thought that it was not the individual who devoted his time to the acquiring of wealth who occupied the premier position in his community, but the individual who, without ostentation, was assisting his brother man in attaining some of the enjoyments of life.

C. L. Cummings Entertains

C. L. Cummings, of the sales staff of A. Storrs Bement & Co., also entertained with vocal solos, rendering artistically "A Perfect Day" and "The Heart of a Rose."

During the dinner courses, while "Taps" were sounded, a silent toast was drunk to the memory of L. M. Bickford, a long time member of the association, who died suddenly in New York on Monday last.

(Continued on page 48)

A New Era In Paper Machine Drive

Recent developments in Paper Machine Drive have demonstrated the practicability as well as the possibility of greatly increased speed of high speed news machines.

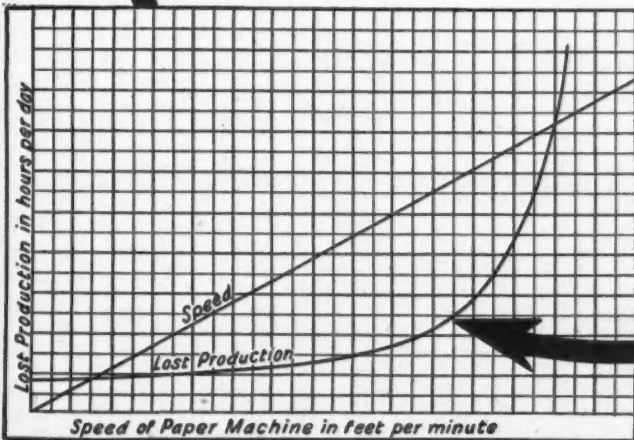
With increasingly high speeds, mechanical troubles (arising from the necessarily tight belts on cone pulleys, large high-speed bevel gears and friction clutches), multiply so rapidly as to make additional advances in speed uneconomical or impossible.

The lost production curve below illustrates what has been the case in the past. The curve, as may be seen, takes a rapid turn upward after a certain point is reached. To go beyond this point has been very uneconomical due to the many mechanical troubles.

A NEW SYSTEM

The new system of Sectional Individual Motor Drive perfected by the Westinghouse Company successfully overcomes this limitation.

Sectional Individual Motor Drive with automatic regulation and control as applied by Westinghouse makes possible increased speed and production of from 25 to 50 per cent on many existing machines and prevents all transmission troubles and loss of production incident to mechanical drive.



Westinghouse Electric & Manufacturing Company

East Pittsburgh, Pa.

Sales Offices in all Large American Cities

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Westinghouse

PAPER MAKERS GET ADVANCE IN BLACK RIVER DISTRICT

Frank L. Moore, President of the Newton Falls Paper Co., Announces Advance to Employees of 15 Per Cent. Effective April 1—Ralph B. Maltby, Secretary-Treasurer of the Remington Paper and Power Co., States That An Advance of 5 Per Cent. Has Been Made to Employees of the Mill at Carthage—High Water in the Black River Causes Considerable Inconvenience.

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., March 29, 1920.—Paper makers in the mills of this section are receiving substantial advances in wages, and in some instances important changes in schedules are expected by May 1.

Frank L. Moore, president of the Newton Falls Paper Company, announced today an advance in wages to his employees, effective April 1, of 15 per cent., on the average. It is not the first raise that has been granted since the high cost of living arrived.

Ralph B. Maltby, secretary and treasurer of the Remington Paper and Power Company said that an advance in wages of five cents an hour has been granted the employees of the Champion mill at Carthage, and that various increases in wages are being granted by other companies in that village. A raise in pay was granted the employees of the company in the mills at Raymondville, Norwood and Norfolk not long ago, and it is possible that further consideration will be given in the near future.

Among mills controlled by unions in this section the question of wages will not be adjusted until about May 1. Already negotiations are in progress looking to a change in the working agreement which expires May 1, and while the unions demand from 25 to 35 per cent. advance in pay, it is expected that an agreement can be reached which will be satisfactory to all concerned under which a raise will be allowed.

High Water Causes Trouble

The flood tide in Black river is rapidly approaching high water records, and unless a sudden halt is made there is evidence that many industries along the valley will suffer material damages.

The trouble is caused by the water getting so high that it backs up in the tailrace and neutralizes the force of the water against the water wheels, and already some mills are shut down on this account. In other instances a much further advance in the crest of the flood will cause shut downs and may do flood damages to property.

Two of the machines at the Ontario mill of the International Paper Company were shut down today, and the company is meeting trouble at some of the other mills.

The mills of Taggart Brothers Company in Morrison street were forced down Saturday afternoon and must remain thus until the water lowers.

The breaking up of the heavy ice in the river has added much to the difficulties. It broke away at Carthage, Sunday, and has been floating down since. This has added to the annoyance to all mills along the river, for the floating ice clogs the racks.

Knowlton Bros. Buy Important Site

Knowlton Brothers, Inc., owners of the Kamargo mills in Mill street have just purchased the entire holdings of the New York Airbrake Company on the south side of Black river along Factory street. The deal was closed yesterday and possession will be taken immediately.

The property involved in the transfer includes all the land adjacent to the property of the Knowlton Brothers, Inc., along the river bank to the dam above. The water power rights are not

included, nor is the property of the New York Air Brake Company located on Beebee Island. The big office building and shops of the company in Factory street go in the deal. This gives the paper manufacturing company a large addition to its present equipment. It joins the new Harmon Machine Company property purchased not long ago.

The consideration involved was not made public today, but it is understood that a substantial figure was involved.

The Knowlton Brothers officers have tentative plans made for the utilization of the new property. The present office building on the west side of Mill street and the finishing rooms located there will be transferred to the new property in Factory street, in all probability, according to a remark made by one of the officers today. Better office facilities will be afforded in the new building, and with the finishing department in the same building it will more closely condense the work of the concern.

If the offices are moved it is probable that the company will be ready to dispose of the property on the west side of Mill street to other interests. The new addition will afford a large expansion for the operations of the mill, particularly when the Harmon Machine Company property is taken over this spring.

W. G. Lewis Made Superintendent of Power

As a result of the expansion of the plant of Knowlton Brothers, Inc., a new office to be known as superintendent of power has just been created. In the past the company has employed a steam and an electrical engineer, but now there will be a superintendent over both departments. It means a consolidation of the two.

William G. Lewis, for the past 14 years electrical engineer of the plant, today assumed the office of superintendent of power. His long service with the company has been rewarded by promotion, while his training qualifies him for the position. Before entering the employ of the company he worked for five years with the old Electric Light & Power Company of this city.

Charles Stebbins, who for some time has been employed in the Public Works department of the city, and who was formerly employed in an electrical engineering capacity in the mills of the Racquette River Paper Company at Potsdam, today started work as assistant to Superintendent Lewis.

Ideal Paper Co. Gets Certificate of Merit

BROOKFIELD, Mass., March 29, 1920.—The Ideal Coated Paper Company of Brookfield, Mass., was one of the few manufacturing concerns having a certificate of merit presented to it by the War Department. This certificate was awarded for special service of note, and intelligent cooperation with the government during the world war.

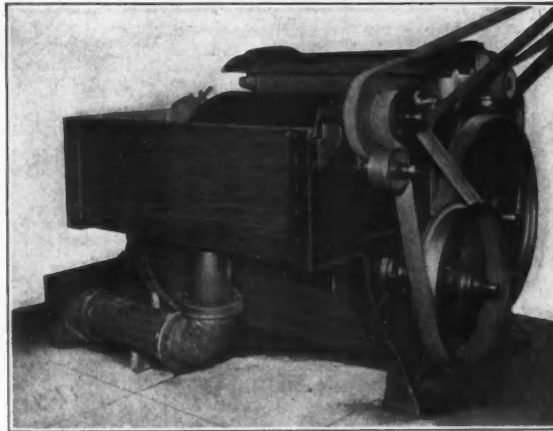
The Certificate was handed to sales manager L. A. Bassett by Major General Clarence R. Edwards at his headquarters in Boston March 11, at which time General Edwards thanked the Ideal Coated Paper Company for the efficient service rendered.

The Ideal Coated Paper Company was the only paper manufacturer in New England to receive this recognition, and one of the very few in the United States, and naturally feels very much pleased with the certificate hanging in its office.

UNION BAG & PAPER CO. REPORT

(Continued from page 18)

Extra of 2% paid in U. S. Liberty bonds, February 15, 1919	195,882.00	836,062.50
Surplus as of January 1, 1919.....	\$3,174,715.70	\$ 844,556.80
Less—Adjustment of Federal taxes for previous years	70,285.91	3,104,429.79
Surplus at December 31, 1919, as per balance sheet		\$3,948,986.59



Positively, quietly, month after month, it operates with practically no attention.

It saves stock and sends it back to the machine immediately, when it is most valuable.

By removing the fibre from the waste water it helps to overcome the pollution of streams.

It detects leaks in cylinder machines.

And it accomplishes these results quietly, positively, with no direct labor cost and with practically no cost for power.

It is surprisingly low in first cost when its advantages are considered. Ask for Catalog II A.

BIRD MACHINE COMPANY
EAST WALPOLE, MASS.

T. H. Savery, Jr., 1718 Republic Bldg., Chicago, Ill.

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THE BIRD SAVE-ALL

BIRD
MACHINERY

TORNADO IN MIDDLE WEST DISTURBS PAPER DEALERS

**Chicago Paper Jobbing Houses Suffer More or Less Damage—
Mill Representatives and Jobbers Are Cut Off for a Time
from All Communication With Their Mills—Demand for
Paper of All Varieties Continues Active With Practically
None of the Mills in Any Line Looking for New Business—
New Price Arrangement Recently Made with
Printers Is Said to Be Working Satisfactorily.**

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, March 29, 1920.—A severe tornado swept the middle west yesterday, and fear is entertained by paper dealers here this morning that serious damage may have been caused at the mills. A number of towns in Michigan felt the full force of the destructive twister. One of them was Kalamazoo. For a time communication between Chicago and Kalamazoo was completely cut off. Mill representatives and jobbers in Chicago tried to get into touch over the long distance telephone, but had small success. Hundreds of people were killed in the storm. Much damage was done in Chicago. Houses in the northwestern suburbs were wrecked, and several paper jobbing houses in West Monroe Street, in the down-town district, had signs blown down and plate glass windows blown in. Mill representatives said that they feared the tornado might have caused heavy damage at those mills where construction work is in progress. There is a great deal of this going on in the Kalamazoo Valley. The Wisconsin mills lay well to the north of the path pursued by the big wind, and suffered no damage.

Active Demand for Paper Continues

The general condition of the paper trade of the city has continued good during the past week. The demand is about the same, neither dealers nor mill representatives being able to see any slackening in the run of orders. Practically none of the mills in any line are looking for new business, and some of them frankly admit that they are running away from customers. The manufacturers are devoting all their efforts at the mill to getting orders filled which they have on hand. They are hindered seriously by the car shortage. With respect to this shortage, it may be said that there has been some improvement in the middle west as the spring season advances. This is due entirely to the better weather condition, however, for the grain embargo, which primarily caused the car shortage in the west is still in force. The embargo was intended to accelerate the movement of grain, and was so rigorous that practically all the cars available were used for the grain movement. Paper mills have had difficulty in getting their raw materials and in shipping out their paper after it is manufactured. There is a general feeling among paper men, however, that the car shortage will soon remedy itself, and that there will presently be enough cars to move all the paper which is manufactured.

American Paper Goods Co. Bonds

The American Paper Goods Company of this city is offering the unsold portion of \$175,000 worth of 6 per cent first mortgage real estate bonds, in denominations of \$500 and \$1,000, secured by property of the company at Washington Boulevard and Ada Street, which is valued at \$395,000. The building will soon be occupied by the business of the American Paper Goods Company exclusively. The company manufactures paper boxes and paper specialties.

New Price Arrangement Works Well

The recently made agreement on the long price list proposition made between Chicago printing houses and paper dealers

is working out in a very satisfactory manner, according to reports from both sides. The agreement was made in order to protect the printer in his claim to full rights as the exclusive retailer of paper. The buyer of printing is being encouraged to purchase his paper through the printer, and with leading firms in the printing business refusing to take jobs unless they are also allowed to purchase the paper stock, that right is becoming more and more recognized among the customers of printers. On the other hand, the paper dealers are sticking to their side of the agreement, and in rare cases, where specified conditions prevail, are refusing to sell paper to the buyer who wishes to go around his printer to buy his paper stock. The good effect of the agreement is seen in the fact that many firms which were not parties to the original compact are following suite in encouraging the buyer of printing to place his order for paper through the printer.

General Trade Notes

Perry Wagner, of the Northern Paper Mills, Green Bay, Wis., paid a visit to the city during the week. The recently installed new machine of the Northern Paper Mills has been started, and is running for the present on news print.

The Strehl Otens Company, Inc., announces the appointment of Raymond S. Strehl, as manager, and S. L. Memhard, as salesman of its Chicago office, located in the First National Bank building. Mr. Strehl has been acting as assistant manager and Mr. Memhard leaves the Hobbs Manufacturing Company, with whom he has been associated for the past two years.

Frank Borchers, of the Menasha Paper Company, has returned to the Chicago office after completing an eastern business trip.

Fred Dresskell, of the Chicago office of the Champion Coated Paper Company, returned on Monday from a vacation trip to the Panama Canal and the Pacific Coast.

B. M. Anderson, of the Carpenter Paper Company, Omaha, was a visiting jobber during the week.

George Momborg, of the Whitaker Paper Company, Cincinnati, paid a visit to Chicago during the week.

Ed French, of the French Paper Company, Niles, Mich., was in Chicago for several days this week.

Robert Fay, of the business promotion department of the Seaman Paper Company, has returned from a trip to New York.

C. E. Donnelley, paper dealer of Omaha, Nebr., visited for a few days in Chicago during the week.

E. U. Kimbark, of the Paper Mills Company, has returned from an out of town business trip.

W. P. McNulty, of the McNulty Brothers Paper and Twine Company, is spending a week in visiting mills in eastern territory.

J. M. Abell, of the J. W. Butler Paper Company, has returned from a trip among the mills.

W. D. Hurlbut, of the Wisconsin Traffic Association, recently visited at the Wisconsin mills.

Louis Dwyer, of the Seaman Paper Company, was at the Michigan mills for a few days last week.

F. M. Hodge, of the Kalamazoo Paper Company, Kalamazoo, Mich., has returned home after a few days in Chicago.

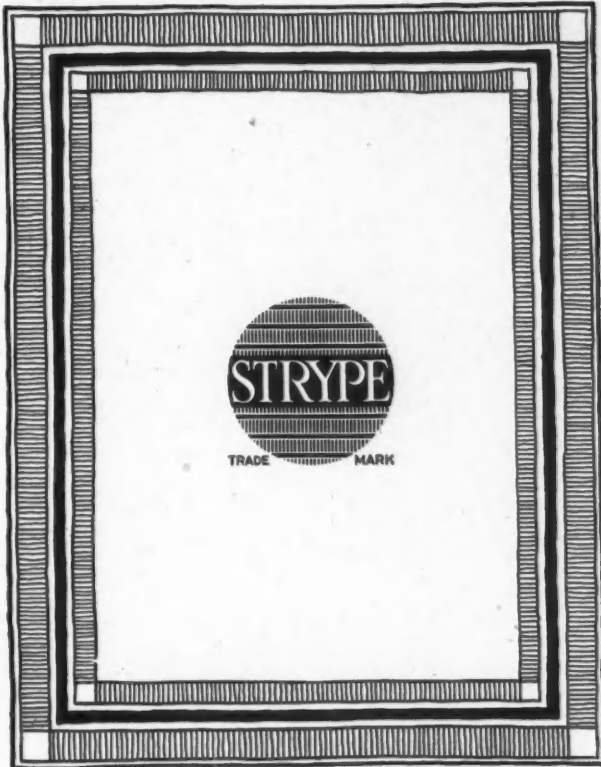
Clarence Bradford, of the King Paper Company, Kalamazoo, Mich., was in Chicago this week.

Interior improvements are being made at the establishment of the Paper Mills Company this week.

Frank Hearn, paper broker of Minneapolis, was in Chicago during the week. Mr. Hearn may shortly move his headquarters to Chicago, he told friends during his visit.

W. E. Dwight, of the Dwight Brothers Paper Company, has returned from Florida, where he has been spending a few weeks at his winter home.

G. W. Ferry, paper dealer of Kansas City, Mo., spent a few days in Chicago last week on his way home from a trip to the mills.



JENKINS Standard Brass Globe Valves

A sure, safe, dependable valve for working steam pressure of 150 pounds or working water pressure of 250 pounds.

Fitted with Jenkins composition discs these valves have practically unlimited life. The disc which is compounded of rubber and other suitable ingredients is contained within a metal disc holder. The disc is yielding enough to take up any grit or sediment that may be carried into the piping. When shut it forms an absolutely tight contact. The renewing of a disc is an operation of minutes only.

Genuine Jenkins Valves and Jenkins Discs are obtainable through supply houses everywhere—know them by the Jenkins "Diamond Mark."

Jenkins Bros.
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1050 GRAND CENTRAL TERMINAL, NEW YORK, N. Y.

PULP and PAPER

Domestic and Export

NEWSPRINT	✦	BOOK	✦	WRITING
BOND	✦	WRAPPING	✦	LEDGER



PAPER MARKET CONDITIONS IN CANADA CONTINUE ACUTE

Manufacturers, Owing to the Rapid Raises in the Value of Pulp and Other Commodities, Do Not Know Where They Are At in the Matter of Prices—Supplies of All Kinds Are Short and Production Has Not as Yet Been Speeded Up by the Advent of Spring—News Print Situation Has Not Improved and There Are No Indications That It Is Likely to Improve in the Near Future.

[FROM OUR REGULAR CORRESPONDENT.]

TORONTO, Ontario, March 29, 1920.—Conditions in the paper market become more acute and manufacturers, owing to the rapid raises in the value of pulp and other commodities, do not know where they are at in the matter of prices. Supplies of all kinds are short and production, which, it was expected, would be speeded up with the advent of spring, has not yet shown much improvement. The last issue of *Printer and Publisher*, which is the official organ of the Canadian Press Association, in a strong editorial, advises country and daily publishers to raise the price of their papers at once. Two dollars a year for weeklies is suggested to meet the uncertain conditions that may prevail after July 1st, past which time there is no guarantee as to the rates for news print in Canada.

The news print situation does not improve, and there is nothing in sight to indicate that it is going to improve. So far there has been no real desire shown on the part of Canadian publishers to go ahead and cut down on the supply and many do not seem to realize the seriousness of the situation. There are still circulation contests, the extra pages on Saturday, comic supplements, and the full page splashes of prepared miscellaneous matter. It has been suggested that all these be eliminated and some publishers have been inclined to treat the intimation lightly, but before the end of the present year, the laugh will have disappeared.

The prices on all lines of toilet and tissue papers have been practically withdrawn and, while certain nominal quotations prevail, they cannot apply, as no deliveries can be made for weeks ahead and whatever figure holds good when shipments are made will have to be met by the customers. The mills will take orders on no other basis. There has been an advance of a cent on white and colored sulphite papers, the latter now commanding 10½ cents, f.o.b. mill, and bleached white 11½ cents. All lines of book papers have ascended a cent, while sulphite bonds have also undergone an elevation of a cent. White sulphite bonds, in car load lots, are now quoted at 14½ cents, light tints at 15½ cents and dark tints at 17 cents. There has been no falling off in orders and jobbers do not complain if they see any assurance of securing the goods. That is the main thing at the present time.

It is expected that the constant increases in various lines of paper will result in costlier envelopes, pads and papeteries. All factories in these branches are rushed to the limit and cannot secure nearly help enough to meet their requirements. The general opinion in trade circles is that quotations on all ranges of paper will go considerably higher before there will be any drop. Stocks are low and large printing establishments have to hold up not a few jobs owing to shortage of supplies or substitute other lines of stock. The dearer papers are the ones mostly in requisition, quality being the first consideration.

The price of pulp is stiffening all the while and pulpwood, peeled, recently sold at a Canadian point, on a low freight rate, at \$27 per cord delivered. News grade of sulphite pulp is now bringing from \$82 to \$90 at the mill; easy bleaching from \$100 to \$110 on contract and easy bleaching, all the way from \$130 to

\$145, according to quality. The demand is very strong, but the new Kipawa plant of the Riordon Company, which is now bleaching its product and turning out about one hundred tons a day, is helping out matters somewhat. Sulphate pulp is quoted all the way from \$110 to \$120.

Will Inquire Into Pulpwood Concessions

Hon. Mr. Justice Riddell and Mr. Justice Latchford have been appointed a commission by the Ontario Government to conduct a thorough inquiry into the affairs of the Department of Lands and Forests. The investigation will be in the way of timber limits, pulpwood concessions and mining concessions. It is the intention to go back through the records for a number of years and see who holds the timber limits and pulp limits of Northern Ontario. The inquiry will also be into ways and means of increasing the revenues from these sources as it is felt that larger sums should find their way into the coffers of the provincial treasury. The accuracy of all returns will be probed and many other matters.

Shareholders Will Cut a Melon

An important meeting of the shareholders of the Provincial Paper Mills Company, Toronto, has been called for April 3 to consider an increase of capital stock and approve of the sale of the company to a new concern, which will probably be called the Provincial Paper Mills. Preferred shareholders will receive share for share in the new company, while common shareholders will get three shares of new stock for every two shares now held. It is understood that the new company will be composed largely of the same interests as are now in control.

Fair Prices Act Is Challenged

The Fort Frances Pulp and Paper Company of Fort Frances, Ont., has issued a writ at Osgoods Hall, Toronto, against the Attorney-General of Canada, the Board of Commerce, W. F. O'Connor and James Murdock, members of the Board, to determine whether public officials under the Combines and Fair Prices Act of 1919, can enforce an order affecting the company in the disposal or sale of news print manufactured by it.

No Settlement in Paper Mills Site

Fort William threatens now to repudiate the Hydro-Electric pact on the ground that the action of Hon. Adam Beck, Chairman of the Ontario Hydro Electric Commission, discriminated against the city and violates a promise which swung the recent bylaw. There is as yet no settlement in the dispute between the Great Lakes Pulp and Paper Company and the Ontario Government and the Provincial Hydro Electric Commission. The Great Lakes Company is waiting for approval of its proposed new location near Fort William. It is unwilling to pay the extra cost of power which would be necessary because of the extension of transmission lines from the original site near Port Arthur to which Hydro offered a rate of \$17 per horse power. The company rather than pay the difference wants to take power from the River Kam. The Hydro Commission will not agree to this since it will be impossible to give the municipalities of the district power at a price which will be within reason unless a big block is sold, as was anticipated, to the Great Lakes Paper Company. The advice given by the Hydro Commission to the Government is that no approval be given of the change in site and that the Government wait for the company to come to it.

The Hydro-Commission has four million dollars invested in the project and is standing pat and there the matter rests at the present time.

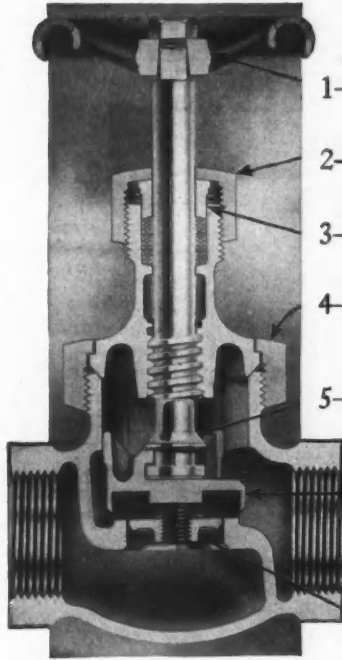
Record Tonnage for Ironsides Mill

[FROM OUR REGULAR CORRESPONDENT.]

NORWICH, Conn., March 27, 1920.—The total tonnage last week of the plant of the Ironsides Board Corporation of this place was 630 tons, an average of 105 tons per day, a record for the old "Uncas" mill.

SEVEN FEATURES OF THE CRANE NUMBER

for use in plants where continuous service is required and where discs must be changed quickly without injury to the valve.



- 1—Easily removable malleable iron, non-heat wheel
- 2—Malleable iron nut
- 3—Brass gland
- 4—Malleable iron nut
- 5—May be packed under pressure when valve is wide open
- 6—Removable disc holder for quick change
- 7—Removable nut for changing disc

Made in sizes ¼-to 2-inch; for 150 pounds steam working pressure; discs for steam, air and water supplied as ordered. Body, Bonnet, Stem, Disc Holder, Gland, made of Brass.

Fully described in Circular No. 128 which will be sent upon request.

We are distributors of heating and plumbing materials.

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BOSTON	BALTIMORE	MUSKOGEE
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CRANE CO.
 836 S. MICHIGAN AVE.
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WORKS: CHICAGO AND BRIDGEPORT

CHICAGO	MINNEAPOLIS	TACOMA
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DAVENPORT	ABERDEEN	OGDEN
DES MOINES	GREAT FALLS	SACRAMENTO
OMAHA	BILLINGS	OAKLAND
SIOUX CITY	SPOKANE	SAN FRANCISCO
ST. PAUL	SEATTLE	LOS ANGELES

CRANE LIMITED MONTREAL, TORONTO, VANCOUVER, WINNIPEG, LONDON, ENG., SYDNEY, N. S. W., QUEBEC, HALIFAX, OTTAWA, CALGARY.

PAPER IN PHILADELPHIA CONTINUES VERY SCARCE

Salesmen More Especially Interested Just Now in Persuading Customers that They Do Not Need Goods Which They Think They Need—Price Seems to Be About the Only Thing Not Interesting to the Consumer at Present—Mills Have Been Having An Exceedingly Difficult Time in Recent Months—Improvement Is Reported in the Demand for Paper Stock—Other Philadelphia News.

[FROM OUR REGULAR CORRESPONDENT]

PHILADELPHIA, Pa., March 29, 1920.—Salesmanship in the paper market these days consists, not in disposing of goods, but in persuading consumers that they do not need what they believe they do or that something else will answer the purpose of the particular grade desired. Price is about the only thing which does not concern the consumer. "Can I get the goods and when?" are his only concerns.

Arrival of seasonable weather, even though the spring days have not brought with them improved shipments from the mills has placed the trade in a little better humor than it was a week ago. But of course there has been some disappointment that the hope of relief from railroad congestion has not been realized. It is possible now to ship into New England points, the embargo having been lifted, but receipts from there have not improved. Railroad managements are endeavoring to unscramble the confusion resulting during Government ownership from indiscriminate use of cars.

Unprecedented Mill Troubles

The owner of a nearby mill said today: "I do not believe even the jobbers understand the plight in which the mill men found themselves in recent months. While there may not have been any new troubles, out of my long experience I can not recall a time when there was such a combination of obstacles as we just have passed through. Scarcity of labor and raw materials, a coal shortage which did not compel complete closing, but frequently necessitated a slow down or a stopping of machines for several hours because the margin was too small; unusually heavy snowfall with blockaded roads and then high water—all combined against us."

A canvass of the jobbing trade shows a supply of high grade bonds almost sufficient to meet current demands, a scarcity though not a famine in high grade ledgers, an acute shortage in cheap books and writings and a veritable famine of news, krafts, tissues and wrappings with news really heading the list and selling at 11 to 12 cents about as quickly as it is offered.

Improved Demand for Paper Stock

Dealers in paper stock report an improvement in demand for commons which a week ago had a little setback due to the arrival locally, of stock which could not be shipped into New England manufacturing centers. There was never a danger of an accumulation in local warehouses and prices remained firm and unchanged. The week end again found warehouse completely cleaned out with mills willing to take goods at the old rates, as quickly as they can be gathered together. In the rag stock market conditions were much like those in paper. Prices remained firm all along the line.

The New Molten Home

A virtually new Molten Paper Company on the old site now welcomes the trade, for under the management of Harry F. Donahue there has been effected a large extension and a complete rearrangement and renovation. Occupancy recently was taken of three additional upper floors, doubling the capacity of the

warehouse and thus increasing it to about 15,000 square feet. As a result outside storage has been given up and all the stock is now under one roof. Cases which hitherto congested the first floor have been done away with and goods have been neatly arranged in bins and on shelves. Painters and decorators have been busy too and the Molten warehouse glistens like new. The Parsons, Eastern Manufacturing and Crocker-McElwain lines are being featured.

Promotion for C. L. Griffith

Promotion came to Charles L. Griffith of the D. L. Ward Company almost on the thirty-first birthday celebration of his active connection with the paper industry. Mr. Griffith is now floor manager of the D. L. Ward Company, having been advanced from outside salesman. He began his paper career March 4, 1889—the day of the Harrison inauguration—with the Thomas W. Price Company. He continued in its employ for almost a decade, then joined the Garrett-Buchanan Company remaining until 1905 when he went with the Wilkinson Brothers Company. When that concern was taken over by the D. L. Ward Company in 1915, Mr. Griffith went along and since has been active on the street until advanced to the post of floor manager.

To Visit Hamilton Mill

The Ward Company has invited the members of the Estimating and Salesmanship classes of the Typothetae of Philadelphia, to be its guests at luncheon on April 17 and thereafter to visit the Hamilton paper mill at Lafayette Station on the Schuylkill, just above Philadelphia. On behalf of the Ward Company, Thomas J. Curry and W. A. Hentz will act as hosts for three score students at a luncheon at the City Club. The particular guest there will be Freas B. Snyder representing the Hamilton Mill. After luncheon a special car will take the party to the mills that paper making in its best state, may be studied thoroughly.

Sales Club Forming

John J. Hartigan of the Molten Paper Company who is tentatively acting as secretary of a proposed Printing Sales Club, has received upwards of forty acceptances to the invitation he recently sent out to all printing salesmen to hold a get together banquet in the near future and thereby lead up to a permanent organization. The attendance goal striven for is just double the number of present acceptances but sufficient response has come to assure the eventual success of the organization program.

New d'Aigle Outlets

Announcement is made by the D. L. Ward Company that it will carry the American Writing Paper Company's new, guaranteed and standardized line of rag content bond, d'Aigle in its Baltimore, Washington and Richmond branch houses. The line consists of five grades and one of its features is that grade and substance numbered are watermarked in every sheet, a distinct departure in merchandising. The five grades were determined by the company's Department of Technical Control and they represent all the qualities of rag content bond sufficiently distinctive to warrant separate designation.

Keystone Mill Resumes

The Keystone Mill, Upper Darby, recently wrecked by explosion, has been almost completely restored and production again has begun. The explosion wrecked the engine room 40 by 60 feet and the rag room 37 by 90 feet. Much of the machinery was salvaged and reconstruction mostly of a permanent nature, was rushed forward so that production on the old time capacity of watermarked paper parchment and vulcanized fibre has been resumed.

A Comprehensive Catalogue

The Paper House of Pennsylvania has ready for distribution
(Continued on page 36)

Paper Shopping and Laundry Bags

THE TWO LARGEST SELLERS OF
THEIR KIND ON THE MARKET

These unique Paper Laundry Bags are manufactured exclusively by us and may be sold at retail for 10 or 15 cents each. Both the Shopping and Laundry Bags are made of Kraft paper with satchel bottoms and will last for an indefinite period. *Samples sent to rated concerns only. Inquiries from Jobbers solicited.*



Paper Shopping Bag
With Handle
For Shopping or Knitting. With and without colored pictures.



Paper Laundry Bag
With Self-Closing Top
For Household Use

A.M. SIMON & CO

350 A West 38th Street

New York City

NORTHERN BRAND

BLEACHING POWDER CAUSTIC SODA

MICHIGAN ELECTROCHEMICAL COMPANY
OFFICE AND WORKS—MENOMINEE, MICHIGAN

ALEXANDER JACOB & CO.

WAPPING, LONDON, ENGLAND

Packers of All Classes of English and
Continental Paper Stock.
Waste Paper, Shavings, New and Old Canvas,
Rags, Ropes and Strings, Gunny, Tares

Established 1875

Paris Office, 8 Cite Hauteville

Nilsen, Rantoul & Co.

INCORPORATED
30 East Forty-second St.
New York

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WE specialize in the importation of Wood Pulp, Casein, and in the exporting of Pulp, Paper, Paper Making Machinery, and Industrial Chemicals. The services of our organization either for the sale or purchase of the above commodities are at your disposal. Write us for complete details.

We maintain branches at—

Christiana
Stockholm

Barcelona
Paris

Mexico City
Buenos Aires

Rio de Janeiro
Rome

New York Trade Jottings

L. Hyman & Sons, 121 Spring street, have admitted Moe Hyman as a partner in the firm.

* * *

The Hamilton Card and Paper Company has circulated a sample booklet containing their Hiawatha typewriter papers and business stationery.

* * *

J. W. Dwyer, of the Great Northern Paper Company, and E. G. Bullis, who is now associated with the Wright Company, Inc., and lately with the Seaman Paper Company, are sojourning at Hot Springs, Va., for two weeks.

* * *

E. M. Grant, formerly of the Corporation Surety Company of New York, has filled the vacancy left by Gerhard Kjelstrup in A. J. Pagel & Company, according to an announcement recently made by George A. Horton, vice-president of that concern.

* * *

The Ideal Coated Paper Company announces that a private branch exchange telephone system has been installed in its establishment at 150 Nassau Street, providing telephone service in all departments. The numbers are Beekman 3760 and 3016.

* * *

J. P. Heilbronn of J. P. Heilbronn Company, Manila, P. I., wholesale dealers in paper, stationery and printers' supplies in the Philippine Islands, is completing his visit to the Pacific coast and the Middle West, and expects to arrive in this city about April 1. His New York address will be c/o S. Willson Richards, 80 Maiden Lane.

* * *

The numerous friends of J. A. Outterson, president of the De Grasse Paper Company, the Carthage Sulphite Pulp and Paper Company, and the Ravenswood Paper Company on Long Island, who recently was struck by an automobile in this city, will be pleased to learn that he was reported as getting along very nicely in the Lenox Hill Hospital in New York, where he has been an inmate since the accident.

* * *

In the United States District Court of New York, before Judge Augustus Hand, a jury, on March 22, 1920, returned a verdict for \$7,000 in favor of Hoffman-Corr Manufacturing Company of New York and Philadelphia against the American Mills Company of Atlanta for refusing deliveries under a contract for paper twine made in October, 1918. The jury found that the goods were as ordered and delivered within a reasonable time, in partial shipments, from one to three months after the armistice.

PAPER SERVICE IN PHILADELPHIA

(Continued from page 34)

the first complete catalogue of its bond, ledger, manifold and onion skin papers. The pamphlet, 8 by 11 inches, contains full size samples indexed, of ten bonds, the Stratford, Airpost, Spartan, Tokyo, Public Service, Community, Market Place P. H. P., Katahdin and Savings; Saranac linen, No. Three Fine Writing, Katahdin, Buyers' and Columbian ledger, Bantam Manifold and Rag Onion Skin, all in several shades and aggregating 130 pages. The booklet was prepared by Clyde B. Cobaugh who recently joined the Paper House organization as promotion manager.

News Notes of the Trade

Robert Wolf of New York, consulting engineer, gave a vivid word picture of paper making, in the Forum conducted by St. James' Guild last week, speaking on "Creative Impulse in Industry." He related his experiences in an executive capacity in a

Canadian paper mill and showed how by a spirit of cooperation, the standard of production had been raised. Records of production accurately kept, he said, had stimulated workmen to highest efficiency.

David Lindsay, Sr., of Lindsay Brothers, accompanied by Mrs. Lindsay, is now in Honolulu. He is expected back in Philadelphia about May 1.

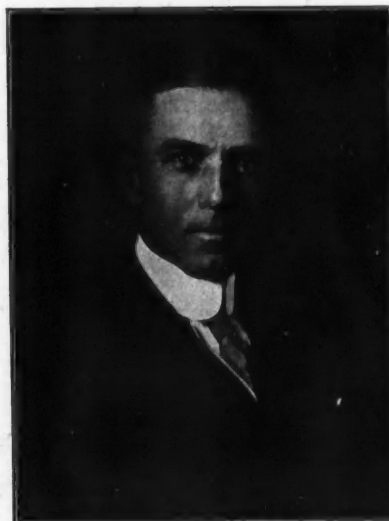
F. and D. W. Davis, prominent Roxborough paper and bag dealers, have just added an auto truck to their delivery service.

The G. A. Bisler Company, Inc., paper box manufacturer, has just established Philadelphia Plant No. 2 at 1737-1741 North Sixth Street, to be operated in connection with the parent plant 245-255 North Sixth Street.

A collection of raw materials used in paper making and of many samples of finished product owned by Miss Ferguson, manager of the Publicity Printing Department, Curtis Publishing Company, was shown to members of the Why Club connected with the William F. Fell Company, at its meeting last week. Arrangements for the display were made by Lindsay Brothers.

H. L. Derby Heads Kalbfleisch Corp.

Harry L. Derby was elected president of the Kalbfleisch Corporation at a special meeting of the Board of Directors, held March 24. Franklin Kalbfleisch, the retiring president who has



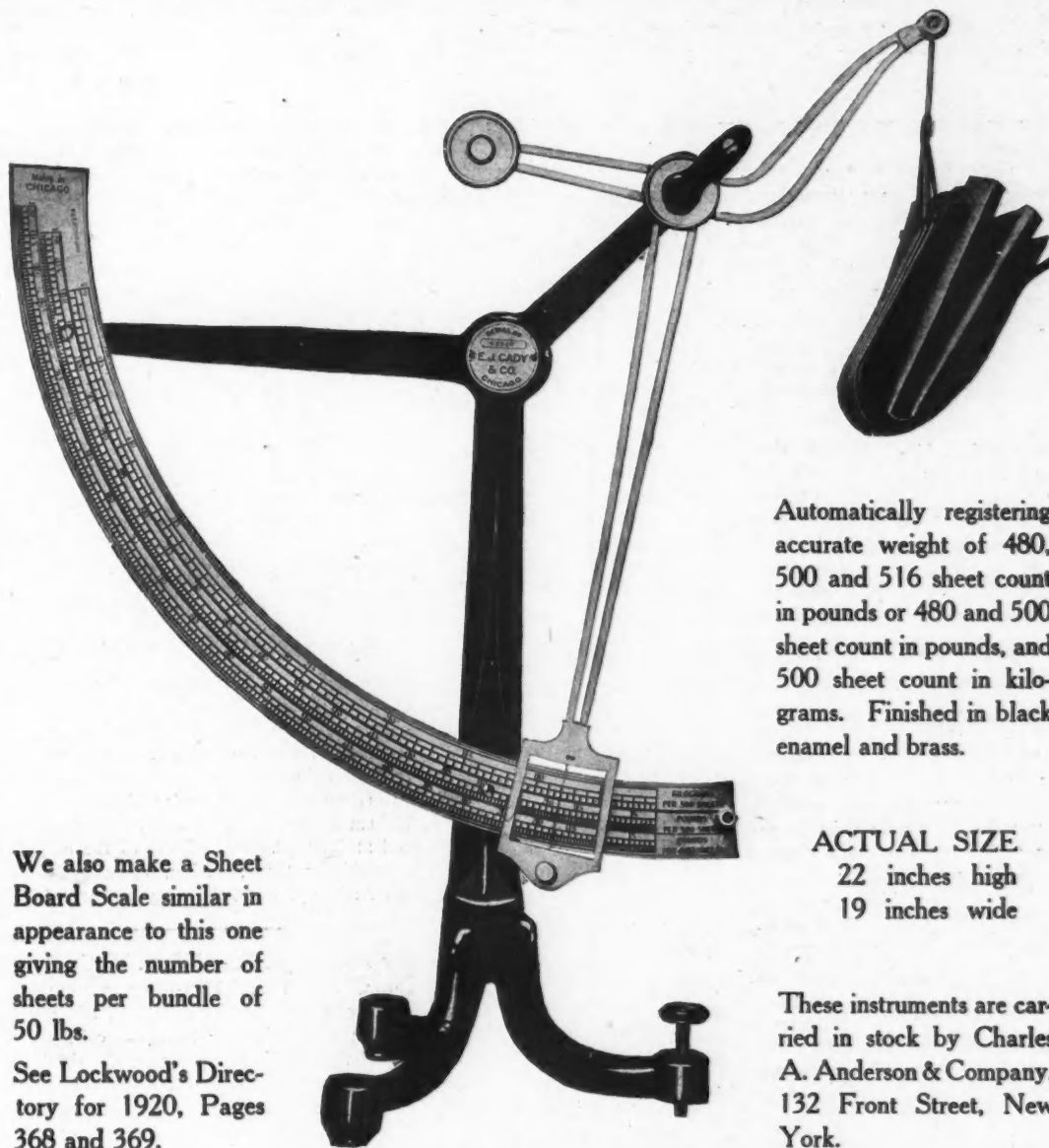
HARRY L. DERBY

served for the past fifty years as head of the organization, becomes chairman of the board of directors.

Mr. Derby's relations with the paper industry began in 1900, when in the capacity of a stenographer he entered the services of the Casein Manufacturing Company, with which he severed his connections in 1913 as manager of casein sales. In that same year he joined the Kalbfleisch corporation and has been for the past few years vice-president of that concern.

No executive is better known in the paper trade than Mr. Derby, who has had close business connections for some years with many mill men throughout the country. Scores of congratulatory telegrams have been arriving daily from the trade, wishing Mr. Derby the best of success in his new office.

The house of Kalbfleisch was founded in 1828 by Martin Kalbfleisch, father of the retiring president, who in the sixties, was Civil War Mayor of Brooklyn. Today the company operates five chemical plants, and has ore mines located in Tennessee and Georgia.



We also make a Sheet Board Scale similar in appearance to this one giving the number of sheets per bundle of 50 lbs.

See Lockwood's Directory for 1920, Pages 368 and 369.

Automatically registering accurate weight of 480, 500 and 516 sheet count in pounds or 480 and 500 sheet count in pounds, and 500 sheet count in kilograms. Finished in black enamel and brass.

ACTUAL SIZE
22 inches high
19 inches wide

These instruments are carried in stock by Charles A. Anderson & Company, 132 Front Street, New York.

The peculiar construction of this scale, which makes for rigidity, accuracy and economy is covered by Patent issued to E. J. Cady, of the undersigned firm.

Price \$35.00

Securely Packed, F. O. B. Our Factory
Made in Chicago, U. S. A.

E. J. Cady & Company

326 West Madison Street,

Chicago, Ill.

Recent Incorporations

THE PAPER CAN CORPORATION, Wilmington, Delaware; manufacture of containers, cups, bags, etc. Capital, \$1,300,000.

RICHARD S. HOFFMAN & Co., Baldwinsville, New York; make paper and wood pulp; 1,500 shares preferred stock, \$100 each; 1,800 shares common, no par value; active capital, \$157,500. Incorporators: H. Fancher, R. H. McRae, R. S. Hoffman, Baldwinsville.

DOMESTIC PAPER BOX COMPANY, Manhattan, New York. Capital, \$7,000. Incorporators: H. and N. and I. Ginsberg, 1 West 111th street.

NATHAN GOLDBERG, Manhattan, New York, stationers and printers. Capital, \$10,000. Incorporators: N. Goldberg, A. W. and H. L. Wolfson, 1557 Minford Place, Bronx.

THE SALEM WASTE PAPER COMPANY, Salem, Ohio, \$5,000. Incorporators: P. Cohen, S. Rosenfeld, W. W. Beck, J. Rosenfeld and J. Rosenfeld.

BARNES PRINTING COMPANY, Manhattan, New York. Capital, \$20,000. Incorporators: M. Firman, A. M. Paternacki, C. T. Insler, 232 Broadway.

AMERICAN ENVELOPE MFG. CORPORATION, Manhattan, New York. Capital, \$20,000. Incorporators: I. N. Terry, J. E. and E. L. Whiting, Yonkers.

PARK FOLDING PAPER BOX COMPANY, Manhattan, New York. Capital, \$25,000. Incorporators: S. Goldberg, I. Frogel, S. Raftenberg, 640 Jennings street, Bronx.

J. Myers-Van Buren Co. Mill Sold

The Gibbs-Brower Company, paper and pulp mill brokers of 261 Broadway, New York, announce the sale of the J. Myers-Van Buren Company's paper mill at Mellenville, N. Y., to J. E. Perry, president of the J. E. Perry Company, paper box boards, Boston, Mass. F. B. Oldham, the well-known paper mill engineer and paper salesman of Hartford, Conn., also has an interest in this mill and is the president of the new company, while Mr. Perry is treasurer.

The name has been changed to the Columbia Valley Paper Company, manufacturers of high-grade specialties, home-office 10 High Street, Boston, Mass., mills at Mellenville, N. Y. The mill itself is one of the finest mill constructions in the country and while small, is an ideal mill in every way. The entire buildings are of concrete and brick and the machine-room was originally designed and constructed to provide for the installation of a second machine which the new purchasers plan to install in the near future.

Some ten or twelve years ago when Mr. Van Buren was superintendent of the Van de Carr Paper Company's mill at Stockport Center, he decided to go into an enterprise of his own and the mill was constructed with the idea of making it his life's work. Very unfortunately, however, Mr. Van Buren was killed in the paper machine in this mill and the property passed into the hands of his widow and children whose interests have been exceptionally well taken care by Mrs. Van Buren's brother, J. L. Roden of this city. Mr. Roden was also interested in the property with Mr. Van Buren from the start and Mr. Roden has now acted for the heirs in completing this sale. Undoubtedly the present owners will make as great a success of the mill as it has always been in the past.

Bethlehem Paper Co. to Build Warehouse

BETHLEHEM, Pa., March 22, 1920.—The contract for the erection of the first unit of warehouses for the Bethlehem Paper Company has been awarded to Frank B. Glassmire and construction will be started at once. H. J. Wiegner, architect, prepared the plans.

The building will be located on the company's recently acquired land at Twelfth avenue, a short distance north of Union street, and will be about 8 x 120 feet, one story and basement, containing some 20,000 square feet of floor space. The warehouse will be built of concrete and brick, a type of the modern slow burning construction which is being used so extensively throughout the country at the present time. It will be equipped with a sprinkler system, fire and safety devices, and contain elevators, automatic conveyors and many other appliances which will facilitate the handling of paper and paper products at a minimum cost. The offices, shipping and packing rooms will be given ample space, and will be equipped in a modern manner, with automatic weigh-



WAREHOUSE OF BETHLEHEM PAPER CO.

ing machines, cutters, portable elevators, instruments for testing paper for quality and strength, etc.

A siding spur of the Lehigh and New England Railroad will be run in the rear of the warehouse from which cars will be unloaded directly into the building.

The new warehouse, it is expected, will be completed by July 1.

The Bethlehem Paper Company was recently incorporated with capital placed at \$500,000. The officers of the company are Ezra A. Doster, president; Gus A. Rinn, vice-president and general manager, and Arthur J. Buss, secretary and treasurer.

Paper Industry Plans Work With Colleges

PHILADELPHIA, March 26, 1920.—Representatives of leading American industries representing capital of \$5,000,000,000, agreed today to furnish 620 American technical colleges with definite specifications of the training requirements desired for those industries. In return, leaders from those colleges agreed to cooperate to meet those specifications. First steps were taken to make this close co-operation between industry and colleges a reality as soon as possible.

These were outcomes of the annual national meeting of the Technology Clubs, Associated, at the Drexel Institute. Representatives of more than 100 colleges and industrial organizations were present. At the opening meeting today tentative specifications for college training were presented for ten industries. Those industries each agreed to contribute \$2,500 for further investigations in their particular lines.

Among the industries represented are paper making, rubber manufacturing, public utilities, manufacturers of shoes and leathers, textiles, paints and varnishes, metals and machinery, cotton finishing and railroading and coal mining.

Col. B. A. Franklin, of the Strathmore Paper Company of Matineague, spoke from the point of view of large employer of men, emphasizing the serious shortage of executives and the importance of the technical institutions filling the demand for them to a greater extent than at present.



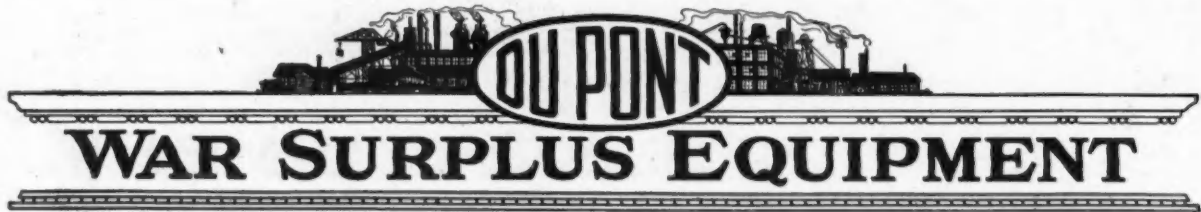
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FOR
IMMEDIATE SHIPMENT

PERKINS-GOODWIN CO.
33 WEST 42nd ST.,
NEW YORK





A million dollars' worth of tanks sold

*Industries all over the country benefit from sale
of Du Pont surplus equipment*

A million dollars' worth of steel and wood tanks taken from Du Pont plants are today giving efficient service in mines, mills, oil fields and factories all over the country. We offered them for sale six months ago and they were bought up in quick order.

The people who bought our last million dollars' worth of tanks saved at least a half-million on their value. We will give others a chance to profit in *this* extraordinary sale.

So many requests for tanks have come to us lately that we have decided to release this month an additional lot at the same low price and for immediate delivery.

But tanks are only one of the items in our huge surplus. We have almost every material and equipment you can use, at less than cost prices. We can ship these immediately. Everything we sell is guaranteed to be in usable condition.

Why not investigate this opportunity? Write and tell us what material or equipment you need. We will be glad to send you a list covering all the details.

All offerings subject to prior sale. Write, phone or wire at once, or come personally to Wilmington, or the plants listed below.

Du Pont Chemical Company

Wilmington

Incorporated

Delaware

Barksdale, Wis.

Carney's Point, N. J.

Hopewell, Va.

Haskell, N. J.

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Tanks

*Steel and wood—in serviceable condition
immediate delivery*

Here's a partial list of tanks we have just released for sale. It comes as an adjunct to the million-dollar tank sale some time ago.

WOODEN TANKS

Description	Size	Capacity
2 1/2" Cypress staves with steel hoops	4'6" x 5' x 7'9"	1300 Gallons
Woolford Wood Tanks	7' x 15'7"	4475 "
2 1/2" Cypress staves, round hoops, screw turnbuckle	8' x 16'	6000 "
3" x 5" Cypress staves	8' x 16'	6000 "
3" Cypress staves, round iron hoops and clamps	9'9" x 8'	4450 "
2 3/4" Staves, Yellow Pine, Fir and Cypress	10'5" x 6'2"	3900 "
Long Leaf Yellow Pine. Have never been used	10'5" x 11'	7000 "
Yellow Pine, Cypress, and Fir, with or without agitating equipment	13' x 11'	10,900 "
Vertical	15'6" x 10'8"	15,450 "
Vertical Water Tanks, 3" Cypress staves	20' x 15'	35,000 "
3" Cypress staves, open top	13' x 17'	17,000 "
2 1/2" Cypress staves, with covers	8' x 16'	6200 "

STEEL TANKS

Size	Capacity
2'6" x 5' - 1/4"	160 Gallons
2'6" x 6' - 3/8"	225 "
3' x 8' - 1/2"	420 "
4' x 7' - 3/8"	655 "
4' x 20' 1/4" - 3/8"	1870 "
4'5" x 4'10" - 1/4" open top	510 "
4'6" x 24' 3/8" - 1/2"	2880 "
9'6" x 9'6" - 1/2"	5150 "

STEEL LEAD-LINED TANKS

Size	Capacity
5' x 12'	1800 Gallons
5' x 20'	3000 "

The coupon on this page carries only a partial list of the equipment and material we have for sale. Check this coupon or write us what you need. All offerings subject to prior sale.

Sales Department

DuPont Chemical Company

Incorporated

Wilmington, Delaware

STEEL TANKS EQUIPPED WITH AGITATORS

Size	Capacity
3'6" x 9'	650 Gallons
7'2 1/2" x 7'2 1/2"	2400 "
6'3" x 4'8 1/2"	1020 "
11' x 5'6"	3900 "
12' x 10'	8460 "
6' x 30'	6360 "

Unprecedented opportunity to get good equipment with the high price worn off

- Tanks
- Blowers
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- Centrifugal Wringers
- Conveyors
- Corliass Engines
- Elevators
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- Machine Shop Tools
- Pumps (all kinds)
- Sargent Dryers
- Stacks and Breeching
- Steam Traps
- Time Clocks
- Transmission Equipment
- Trucks (rail and hand)
- Turbo Generators

CHECK THIS COUPON →

Enclose with your name and address and mail to Sales Dept.

Du Pont Chemical Company
Incorporated

Wilmington, Delaware

(105)

Editorial

Vol. LXX.

New York, April 1, 1920

No. 14

FORTY-EIGHTH YEAR

Exports Decline

No falling off in the exports of paper in the statistics for January, just issued by the Bureau of Foreign and Domestic Commerce, were apparent as compared with the preceding month of December, but a surprisingly large decline was shown by comparing the figures for January of the current month with the figures for January a year ago. The total exports of paper and manufactures of paper for January, 1920, amounted to \$5,533,993 as against \$9,896,228 for January, 1919, which was a decline of over \$4,000,000. The figures for December amounted to \$5,209,200. The exports for the seven months ending with January amounted to \$38,571,914 as compared with \$40,031,398 for the same period in 1919 as \$30,242,922 in 1918.

The falling off in the exports was especially noticeable in news print paper, which amounted to \$418,968 for January of the current year as compared with \$1,093,242 for January a year ago, or a falling off of considerably more than half. The exports of news print for December amounted to \$391,307, and the exports for the seven months ending with January amounted to \$4,003,893 as compared with \$5,264,009 for the same period in 1919 and \$6,085,985 in 1918. It may be observed from these figures that the exports of news print have been gradually declining since 1918.

The exports of wrapping paper for January also showed a decline of more than half as compared with January a year ago. The figures for January of the current year amounted to \$319,699 as against \$670,834 for January a year ago. The figures for December amounted to \$424,999. The exports of wrapping paper for the seven months ending with January amounted to \$2,857,946 as compared with \$3,253,420 for the same period in 1919 and \$2,645,241 in 1918.

More noticeable, however, than in any other variety of paper perhaps was the falling off in the exports of writing paper and envelopes. The figures for January amounted to \$593,883 as compared with \$1,794,365 for January a year ago, which is more than a three-fold decline. The figures for December amounted to \$471,528. The exports of writing paper and envelopes for the seven months ending with January amounted to \$3,919,082 as compared with \$5,387,735 for the same period in 1919 and \$2,549,413 in 1918.

The exports of paper board and strawboard for January of this year as compared with a year ago showed a decline of about one-half. The figures for January, 1920, were \$286,306, and for January, 1919, were \$560,935. The figures for December were \$211,197. The exports of paper board and strawboard for the seven months ending with January amounted to \$2,022,482 as compared with \$2,430,444 for the same period in 1919 and \$1,400,216 in 1918.

The imports of paper and manufactures of paper for January continued to show a goodly increase as compared both with January a year ago and with the preceding month of December. The figures for January amounted to \$5,678,350 as against \$3,999,177 for January a year ago and \$4,802,594 for December. The im-

ports of paper and manufactures of paper for the seven months ending with January amounted to \$34,101,857 as compared with \$25,372,241 for January, 1919, and \$24,416,913 for January, 1918.

The imports of printing paper valued at not above 5 cents per pound for January amounted to \$4,447,509 as compared with \$3,385,125 for January a year ago and \$3,783,700 for the preceding month of December. The imports of this commodity for the seven months ending with January amounted to \$27,223,997 as compared with \$21,052,806 for the same period in 1919 and \$19,048,805 in 1918.

The imports of ground wood pulp for January amounted to \$723,144 as compared with \$376,479 for January a year ago and \$724,616 from the preceding month of December. The imports of this commodity for the seven months ending with January amounted to \$4,069,854 as compared with \$3,087,906 for the same period in 1919 and \$4,414,636 in 1918.

The imports of unbleached chemical pulp for January amounted to \$3,460,442 as compared with \$2,080,836 for January of 1919 and \$3,057,085 for December of the preceding year. The imports of unbleached chemical pulp for the seven months ending with January amounted to \$21,861,114 as compared with \$16,247,605 for the same period in 1919 and \$13,508,981 in 1918.

The imports of bleached chemical pulp for January amounted to \$821,892 as compared with \$172,356 for January a year ago and \$651,340 for December of the preceding year. The imports of chemical bleached pulp for the seven months ending with January amounted to \$4,632,028 as compared with \$1,384,400 for the same period in 1919 and \$1,634,788 in 1918.

The average import price for January of pulpwood was \$9.96 per cord as compared with \$9.85 for December and \$9.81 for January a year ago. The average import price for January of ground wood pulp was \$41.13 per ton as compared with \$34.25 for December and \$29.12 for January a year ago. The average import price for January of chemical unbleached pulp was \$78.80 as compared with \$76.85 for December and \$81.96 for January a year ago.

The average import price for January of chemical bleached pulp was \$110 as compared with \$109.98 for December and \$160.30 for January a year ago.

To Train College Men

An interesting report comes from Philadelphia of the meeting in that city last week of the representatives of the leading American industries to arrange for furnishing the American technical colleges with definite specifications of the training requirements for those industries.

The paper industry was represented among others by Col. B. A. Franklin, vice-president of the Strathmore Paper Company, of Mittineague, Mass., who shares largely in the credit for forming the Coast Association of the Paper Industry which, during its short existence, has already become an institution of considerable importance.

The movement started at Philadelphia is decidedly a step in the right direction, and it is encouraging to learn that the paper industry has become allied with it at this early stage of its development. Support, financial or otherwise, ought to be spon-

taneously given to it by any member of the trade to whom appeal is made.

The American paper industry has developed with surprising rapidity in recent years and the opportunities for development that are just ahead are very much more promising than those that have already been taken advantage of. Because of this circumstance the paper industry is bound to be very greatly benefited by this arrangement to secure close cooperation between it and the colleges in meeting the requirements of the industry for trained men.

To Build \$400,000 Addition

FITCHBURG, Mass., March 30, 1920.—In a recent issue of the *Daily News* the announcement is printed that the E. J. Cross Company, of Worcester, Mass., has been awarded the contract for building an addition to the No. 1 mill of Crocker, Burbank & Co. at West Fitchburg and for making other alterations at a cost of approximately \$400,000.

In the first report received by the *Daily News* it was understood the contract was to go to Casper Ranger Construction Company, but evidently the first plans of the company have been changed, the Worcester contractor being given the work.

E. J. Cross, president and treasurer of the construction company, is authority for the statement that work upon the extension will begin as soon as the weather permits and that there will be work enough to keep a large force of men employed for the rest of the present year.

The extension will be of brick, fireproof construction, and most of it will be two stories high. There will be a two-story machine room, 46 by 300 feet; a beater room of the same height and 130 feet square, and a spinning room, 96 by 54 feet.

Mr. Cross states that unless unforeseen circumstances should arise the roofs will be over all the buildings and the rest of the work will have progressed so far that the additions will be ready before cold weather comes again and that the buildings will be ready for occupancy not later than the winter of 1921.

Seeley Paper Mills Sold

The Gibbs-Brower Company, paper and pulp mill brokers of No. 261 Broadway, New York, announce the sale for Miss Florence A. Allen of Scotch Plains, N. J., owner of the mills of the Seeley Paper Mills Company, Scotch Plains, Union County, N. J., to E. B. Jennings, Esq., of No. 481 Sixth Avenue, Brooklyn. The new owners are putting the mill in perfect condition, with new concrete floors, etc., and adding an addition to the mill. They contemplate doubling its former capacity.

The population of Scotch Plains is 1,000 and it is three miles from the Fanwood, N. J. station of the Central Railroad of New Jersey.

When taken over by the new purchasers, the mill contained two 650-lb. beaters and one 60 inch wet board machine. The mill formerly turned out binders, friction and pattern boards and the capacity was 7,000 lbs. in 24 hours. The power is both water and steam.

This mill has been idle for some time and it is a sign of the times to see it again becoming active.

Government Paper Bids

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., March 30, 1920.—The purchasing officer of the Government Printing Office will open bids on March 31 for 3,000 lbs. of oiled Manila tympan paper in 48" rolls, basis 24 x 36—86.

Bids will be opened on April 2 for 9,500 pounds of 27 x 38—95 rope manila paper.

The purchasing officer of the Government Printing Office will open bids on April 2 for 6,300 lbs. 24 x 38—63 rope Manila paper.

The purchasing officer of the Government Printing Office will open bids on April 5 for 3,700 lbs. of white and blue 24 x 32—No. 36 ledger paper.

Dobler & Mudge have been awarded the contract by the Purchasing Officer of the Government Printing Office for furnishing 2,635 pounds of 22½ x 28½—175, salmon index bristol board at \$.23 per pound, bids for which were opened on March 15.

New Iberia Pulp Mill Changes Hands

NEW IBERIA, La., March 29, 1920.—The former pulp mill, idle for two years and never really in operation for commercial use, has virtually changed hands, an agreement of sale having been entered into between Mary B. Nicol et al and William T. Larkin, president of the United Fibre and Products Company, of Baltimore, Md.

According to Manager Frank Noel of the New Iberia Chamber of Commerce the new concern has announced its intention of immediately shipping such additional paper-making machinery as the plant may require. The refuse of sugar cane and rice straw is to be used in the manufacture of the product. New Iberia is in the center of the sugar and rice growing territory of Louisiana.

Brockway-Fitzhugh-Stewart Share Profit

Following a custom established a year ago, Brockway-Fitzhugh-Stewart Inc., manufacturers of labels, fibre shipping cases, and general paper goods, distributed to their employees on March 1 an extra compensation covering the 1919 year period. This extra compensation was declared covering three classes of help, those being in the employ of the plant for one year or more receiving 15 per cent of their annual wage, those six months and over 10 per cent and those three months and over 5 per cent.

The B. F. S. Company was organized something over two years ago, and operate an unusually modern plant for the manufacture of labels, fibre shipping cases, and kindred lines.

Would Let Eight-Cent Paper in Duty Free

WASHINGTON, D. C., March 30, 1920.—Print paper costing not more than 8 cents a pound would be admitted tax free under a bill, amending the revenue act, passed unanimously by the House today and sent to the Senate.

The present law fixed 5 cents as the limit, but members said that none at that price was obtainable for import.

Representative Kitchin of North Carolina said that the bill was an emergency measure, needed to save "hundreds of small papers from ruin."

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, 134 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 BY} 1918
{GUARANTEED BY}

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

FORESTRY ACTIVITIES IN THE UNITED STATES

J. Randall Williams, Jr., chairman of the committee on Forestry, read the report of the committee at the 28th annual meeting of the National Wholesale Lumber Dealers' Association held in Washington, D. C., last week. The report, in full, is as follows:

Your Committee on Forestry takes pleasure in submitting the following report of forestry activities of the past year:

Four Important Matters

Four important matters have been brought to our attention and it is quite evident many persons are thinking more earnestly along the lines of protection of our vast forest resources, and large numbers of lumbermen are turning their serious thoughts to the problems of the depletion and reforestation and what the rapidly diminishing timber supply means for the future. Statistics gathered during the war show us that 60 per cent of the Southern yellow pine mills will be cut out in the next ten years, and the balance of 40 per cent will be held by 96 mills out of a present number of 2,043 reporting, and the center of our timber supply and lumber production is now on the West Coast.

As history repeats itself, we have seen the forests of Pennsylvania, Michigan and Wisconsin cut off and now the South sees an end to its supply. It is quite evident important steps should be taken to protect that which we have from fires and wasteful destruction, and develop reforestation where practical, not only for the production of a new crop but for the protection of our water sheds.

National Forest Policy

The most important of the matters that have been called to our attention is "The National Forest Policy" recently inaugurated by Colonel Henry S. Graves, Chief Forester of the United States, and it is with much regret that I note here the fact that Colonel Graves has handed in his resignation to the Department of Agriculture to take effect early in May. He has done much towards developing our forest service and accomplished wonders during the war, and we are, indeed, indebted to him for the ten years of untiring service which he has given to this work, and for which he and other foresters are so poorly compensated.

Capper Resolution

Second. "The Capper Resolution" adopted by Congress calling for a report from the Forest Service based on data now on hand or that which can be quickly secured, concerning the lumber industry and timber holdings; or a bird's eye view of these subjects touching only the high points, as this report must be ready by June first.

One of the most important things that we should have is a conservative estimate of our standing timber, for this will bear directly on the future policy of our forest service.

Jones-Reaves Bill

Third. "The Jones-Reaves bill." This bill was introduced and is being promoted by the National Public Works Department Association, composed largely of associations of engineers; its motive being to cut down as much as possible the duplication and expense of the various departments in Washington, by the creation of a new department or reorganization of the present Department of the Interior, known as the National Public Works Department.

The reason that your association is interested in this bill is that one of the proposed changes is that the Bureau of Forestry shall be taken from the Department of Agriculture, and this, your committee does not approve of as they feel that these two departments are so closely related to one another that the Bureau of Forestry should not be taken away from the Department of Agriculture.

Forest Products Laboratory

Fourth. Appropriation to continue the maintenance of the Forest Products Laboratory. Your trustees at a recent meeting adopted a resolution urging upon Congress an appropriation to properly house and maintain the laboratory. As you know, the Forest Products Laboratory is at Madison, Wis., and its work has been very broad and its lines of investigation include research work of much value to the lumber industry, including the primary wood using industries, such as lumber, lath, shingles, wood pulp, vehicle and implement parts, veneer and panel stock. It also covers the industry of sash, door and planing mill products, boxes, wooden cars, tanks and silos, and its research extends into boxing, crating, packing, kiln drying, foreign woods, water resistant glues, pulp and paper. The work is of the highest importance to the country and it should most certainly have the hearty support of Congress. Your committee recommends the financial support of this project as it is highly essential in the conservation of our forest products.

Both these bills were also referred to C. V. McCreight, Chairman of Committee on Legislature.

Lumber Industry Not Responsible

Returning to the first question which is now the most important. In these times of high priced lumber and its scarcity at points of consumption, the average layman will say it is due to the scarcity of timber and condemn the lumber manufacturer for cutting down our trees, and in many cases the lumber manufacturer is erroneously criticized; for our timber is without doubt meant to be marketed and land which is now producing crops each year was at one time forest, producing nothing. On the other hand, the vast area of cut-over lands is each year increasing, which should be put to some practical use or reforested, so that it will not become a barren land, and it is the Government that should take over this land and reforest it, and most naturally this duty should be done by the State in most cases.

I have mentioned that it is stated that it is due to the scarcity of our timber that the prices are so high; and while timber is getting scarcer and stumpage prices have advanced, there are other elements which affect the price of lumber, largely the cost of manufacture and the greater distance required for transportation of the finished product on account of our nearby supply becoming exhausted. There is not a commodity in the world that is selling as far below its value as timber land today, and I expect to see the biggest rise in timber land during the next few years that we have ever seen; and while we have a good supply of timber left, we must do something towards taking care of the same. It is indeed, time that a forest policy should be worked out to get the best results from what we have left, and put to the most practical use that land which has been cut over.

Forestry Policy for the Nation

Quoting from the Journal of Forestry of December, 1919, "A Policy of Forestry for the Nation," by Colonel Henry S. Graves:

"A national policy of forestry seeks the protection and beneficial utilization of our present forest resources, the renewal after cutting of forests on lands not needed for agriculture and settlement, the stability of forest industries and of satisfactory conditions for forest workers, and the restoration of forest growth on lands now unproductive and idle.

"In the problem of private forestry, the Government would work through and in cooperation with the states. The legislation affecting the private owner in the matter of protection and continuance of forests should be by the states."

(Continued on page 46)



Steamy Acid Atmosphere Does Not Affect "Camel Hair" Belting

Installed fourteen years ago in a tannery in Newark, N. J., these "Camel Hair" Belts have been driving the maximum horsepower while running in a wet, steamy acid atmosphere and are still good for many years of service.

The distinctive construction of "Camel Hair" Belting makes it waterproof and acid resisting and the ideal belting for pulp and paper mills. It is combination of animal hair and cotton closely woven to a uniform thickness.

It has a higher tensile strength, more gripping power and has proven to be the most economical, service and length of life considered, than any other belting.

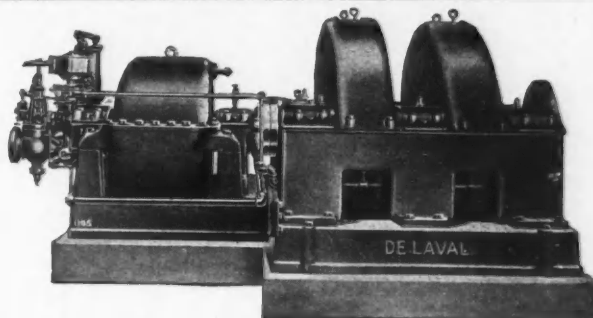
Our catalogue will give you complete information.

The Rossendale-Reddaway
BELTING AND HOSE COMPANY, NEWARK, N.J.

Also makers of solid woven and canvas stitched beltings



DRIVE YOUR MACHINERY WITH DE LAVAL GEARED STEAM TURBINES



The De Laval Double-Helical Gear makes a highly efficient turbine drive possible and is not a new or experimental development as many De Laval geared turbines have been in use for more than 25 years.

They are produced in a shop devoted exclusively to precision manufacture on a limit-gage, interchangeable basis. Conservative tooth pressures and velocities are adhered to in their design, which, with the best materials and workmanship, results in smooth, quiet running and long life.

Regardless of what you require power for, whether it be driving ships' propellers, steel mills, paper mills, centrifugal pumps and blowers, electrical machinery, or mill shafting, the De Laval turbine can be adapted to show the most economical results.

State conditions fully and our engineers will submit their advice and suggestions.

Ask for Bulletin N45

DE LAVAL STEAM TURBINE CO., Trenton, N. J.

FORESTRY ACTIVITIES IN THE UNITED STATES

(Continued from page 44)

Problem of Privately Owned Forests

The problem of privately owned forests is now uppermost in the minds of most lumbermen, fearing legislation that may make it impossible for them to market the product which they have taken so much risk in developing, at a fair profit, and it is along these lines that the lumberman must give the subject most serious thought. It may be said, however, that the present timber situation is due to forest devastation and not to lumbering; that is, the lumberman could not afford to reforest lands he cut over and the industry has grown so that he has followed from one tract to another developing the product which has been useful to the world, and it is the Federal and State Government's duty to follow after and help take care of the cut-over lands.

Two Classes of Forest Lands

There are two classes of forest lands. First, areas needed for the protection of water resources to prevent erosion, for recreation and other general public purposes; these to include both virgin forests and cut-over lands. Second, cut-over lands for the purpose of insuring production of lumber and other products and of establishing demonstration areas and centers for Federal cooperation with states and private owners.

Many favorable reports have been published of Colonel Graves' policy, and I do not doubt that he himself is open to suggestions; but he is working the problem out and it behooves the lumber manufacturer to give the matter most serious attention and cooperation, for after all, he is the one who comes closest to our forests, and who can, if aided by the Government financially in the way of relief from taxation and help in forest fire protection, be of great aid to the forest service.

In this regard I am told on authority, that one of the largest cypress manufacturers in the South pays four taxes, one on his stumpage, one on the logs, one on the lumber manufactured and last of all his income tax on his profits, and it can be readily seen that while the Government is getting a large amount of the difference between the cost of the stumpage and the price of the finished product in taxes, it is impossible for the manufacturer to put back into the cut-over lands any time or money for the future generations. What is the result? The land lies idle and deteriorates or that which is best located is sold at the best possible price the man can get for it; possibly in some cases the larger manufacturer develops it for agricultural or grazing purposes himself, but a large portion of the cut-over land, including that which is not suitable for agricultural purposes but is suitable for reforestation is allowed to go to ruin. Taxation should be on timber when cut and not while growing.

5,500,000 Cords Used for Pulp

In the United States more than 5,500,000 cords of wood is used annually for pulp alone. Just consider this for a moment—not feet, but cords of wood used every year in the United States for pulp. This means a solid pile of 4 ft. wood, 12 ft. high, reaching from New York to San Francisco. Canada which is a source of supply for a large amount of this raw material is awakening to the fact that we are drawing heavily from her supply and we should prepare ourselves for a supply of raw material for pulp wood by planting in this country.

Recommendations

We recommend, first: That the Bureau of Forestry is properly connected with the Department of Agriculture and should not be severed therefrom.

Second: Financial support of the United States Government is urged in the maintenance of the Forest Products Laboratory at Madison, Wis., so that it may properly carry on its important work.

Third. That proper salaries may be paid our Chief Forester and others necessary to the proper conduct and care of our national and State forests, so that the best fitted men may hold these positions.

Fourth: That the association express its feeling and regret that Colonel Graves is severing his connection with the Department of Forestry, and that we wish to express to him our appreciation of the services he has rendered.

Fifth: We recommend to the Department of Forestry the cutting of our virgin forests each year by men who make a business of it on a commercial basis with the purpose of furnishing Christmas trees, should be stopped within five years, and a policy adopted so as to procure coniferous seedlings or transplants from the various State nurseries and that Christmas trees be raised on individual private owned lands as nursery stock is usually raised or on farms near the market of consumption, so as not to interfere with the natural growth and reproduction of coniferous trees in our forests.

Sixth: We recommend that our National and State forestry be aided with much larger cash appropriations so that lands already cut-over and others that are being cut may speedily be reforested with spruce and such other types of trees as are best adapted to the various climates, locations, etc. in order that we may in a much larger measure produce on our own soil a large quantity of fibre producing woods, so that our country will not be dependent on Canada or other foreign countries for our supply.

Seventh. We recommend reforestation with such trees as will make railroad ties, appreciating we need over 100,000,000 ties annually, amounting to over 4,000,000,000 ft. B.M.; it is obvious that we must prepare for a shortage of this product.

Eighth: We recommend improvement and enlargement of the present fire protective service, and reforestation on a large scale by governmental appropriation, regardless of cost.

Miami Valley Paper Manufacturers Meet

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, March 24, 1920.—The regular meeting of the Miami Valley Paper Manufacturers' Association was held last Thursday night at the Hamilton club with forty-eight members in attendance.

The meeting was a success from a social and commercial standpoint.

Stanley Mathewson, of Philadelphia, delivered the principal address of the evening on "Labor Management." The discussion was of an interesting and practical nature and elicited considerable comment and discussion among the members of the organization.

It is conceded that the labor question is one of the most important before the trade. Every paper manufacturer and every dealer is deeply concerned over the situation, in a way, though anxious to meet the ever-recurring problems in a practical and common-sense way. Hence, Mr. Mathewson's broad conceptions of the labor situation came most opportunely and were given the closest consideration.

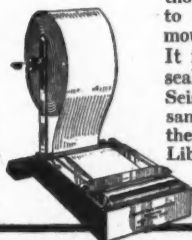
Other informal addresses, some of which dealt with labor conditions and with general business in the paper trade, followed. It was the consensus of opinion that the trade was experiencing its greatest prosperity and that prices, while probably not at their peak, would likely not come down for some time.

L. C. Anderson of Middletown, president of the association, presided at the meeting and gave a preliminary talk. His introduction of the principal speaker was particularly apropos.



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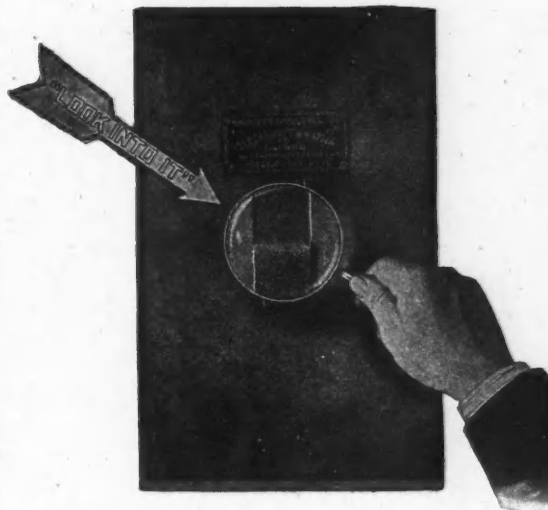
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SOME FEATURES OF TECHNICAL ASSOCIATION MEETING

The fifth annual meeting and banquet of the Technical Association of the Pulp and Paper Industry will be held in New York on Tuesday, Wednesday and Thursday, April 13, 14 and 15, beginning at 9.30 o'clock in the morning of the first day. The business and technical sessions will be held at the Waldorf-Astoria Hotel, and the annual banquet will take place at the Hotel Astor.

As heretofore, all general and special meetings will be held at the Waldorf-Astoria Hotel, Fifth avenue and Thirty-fourth street, New York, beginning Tuesday, April 14. The bureau of registration and information will be in charge of Miss Genevieve Ruppenstein, assistant to the secretary, in Room 104. All officers, guests and members will be expected to register their names at this bureau.

The entire day of Tuesday, April 13, will be devoted to meetings of the executive committee, standing committee and special committees. Provision has been made to call committees together in the Myrtle Room and Room 151, on Tuesday morning at 9.30 o'clock. The Vocational Education Committee will hold their sessions at the Chemist's Club, 52 East Forty-first street. Chairmen of committees are requested to issue calls to the members of their respective committees to assemble in the Myrtle Room of the Waldorf-Astoria Hotel on the date named. Other rooms at the disposal of the officers and chairmen of committees for Tuesday afternoon are Rooms 106, 107 and 109.

The general meeting of the association will be opened in the Myrtle Room on Wednesday morning, April 14, at 9.30 o'clock.

It is planned to hold a symposium on "Rag Selection and Cooking," under the direction of E. C. Tucker, of the Crocker-McElwain Company, Holyoke, Mass. The subject will be considered somewhat along the following lines:

- 1—Selection of rags, with special reference to the possibilities of standardization among dealers.
- 2—Cooking of rags:
 - (a) The reasons for cooking and the objects to be accomplished by it.
 - (b) The cooking liquor.
 - (c) The rotary boiler and drive, with special reference to any recent improvement, power consumption, etc.
 - (d) The factors of time and pressure and how they influence the cooking.
 - (e) The possibilities and advantages of washing rags in the boiler, also the handling of rags from the boilers to the washers.

In connection with the report of the Soda Pulp Committee, George M. Trostel, of the Champion Fibre Company, Canton, N. C., will discuss in a paper, "The Characteristics of the Soda Process for Reducing Some of the Different Kinds of Wood to Pulp in Mill Practice." It is planned as well to hold an open forum on the history of the many attempts to utilize waste stalks and fibers by the soda process, as a substitute for rags and wood in the paper industry, and the probable future of such undertakings.

As part of the report of the Sulphite Pulp Committee, W. E. Byron Baker, of the York Haven Paper Company, York Haven, Pa., will explain "Methods of Cooking Control." This contribution to the proceedings will deal particularly with means for determining causes of poor cooks as well as for investigating the cooking properties of various woods, especially new woods.

A symposium is planned for the discussion of black liquor recovery, with special regard to the most durable method of lining the smelters used in the sulphate recovery process. Papers are promised by G. F. Enderlein, of the Brompton Pulp and Paper Company, East Angus, P. Q., Canada, and R. M. Radsch, of the Thilmany Pulp and Paper Company, Kaukauna, Wis.

There will also be a discussion of the subject of "Jordan versus

Beater," with the idea of bringing out information regarding the extent to which the Jordan can replace the beating engine in the production of paper. The discussion on this will be led by W. L. Nixon, of the Chemical Paper Manufacturing Company, Holyoke, Mass. Max Zimmerman, of The Charles Boldt Paper Mills, Cincinnati, Ohio, will contribute a special paper on the subject.

Other special papers to be presented during the technical sittings include one on "Limestone Analysis and Evaluation for Bisulphite Liquor Manufacture," by W. E. Byron Baker, York Haven Paper Company; "Sectional Individual Motor Drive for Paper Machines," by Stephen A. Staeger, Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa.; "The Application of Pragmatic Philosophy to the Paper Making Industry," by John W. Brassington, Bethlehem, Pa., and "Some Methods of Waste Sulphite Liquor Recovery," by Walter H. Dickerson, of the Atomized Products Corporation, New York.

BOSTON PAPER MEN DINE

(Continued from page 26)

Included among those present were the following:

- T. E. Allen, G. C. Andrew, J. A. Andrew, H. E. Atterbury, F. R. Ayer.
 B. P. Babbidge, C. S. Baird, C. H. Barr, W. J. Bigley, L. H. Buckley, A. M. Burr.
 C. H. Carpenter, A. P. Carter, T. H. Casey, H. E. Chase, C. H. Clinton, T. N. Cook, Hon. Calvin Coolidge, C. H. Coye, A. Crabtree, C. H. Cronin, E. L. Cummings, F. B. Cummings.
 R. N. Dana, E. M. Davenport, A. L. Delesdernier, S. E. Emerson.
 R. H. Fales, H. E. Fales, P. S. Fiske, C. B. Foster, M. Frank, K. B. Fullerton, Jr., W. H. Furbish.
 G. H. Gleason, H. L. Goodman, E. H. Gray, H. R. Guild.
 A. C. Hall, A. E. Ham, N. Harrower, N. O. Hayes, H. B. Higgins, P. Hills, P. E. Hinkley, E. B. Hoyt, T. H. Hubbard, H. T. Huguley, J. E. A. Hussey, G. P. Hynson.
 W. E. Ihling, J. P. Ingalls.
 Dr. F. W. Johnson.
 O. R. Karnheim, G. P. Keyes, B. M. Kimball, A. C. Lamb, F. A. Leahy, E. S. Lipsett, C. E. Lincoln, E. P. Lindsey, R. S. Litchfield, H. C. Livermore, R. Loring, E. F. Lowe, J. A. Lowe, E. R. Lyman, F. L. Lyman, M. L. Madden, F. W. Main, H. W. Mason, W. J. McLellan, B. McQuillen, W. F. McQuillen, W. A. Merrill, P. K. Mohun, C. B. Morgan, H. W. Morgan, W. L. Muzzey.
 W. J. Norton.
 I. B. Ogden.
 R. L. Pease, C. T. Perkins, F. W. Peterschen, R. B. Pierpont, M. H. Plummer, L. D. Post, R. F. Potter, W. E. Porter, Jr., F. W. Power, A. E. Pratt, W. E. Pratt, W. M. Pratt, C. S. Proctor.
 A. P. Ramage, H. E. Remington, J. B. Rieg, E. C. Robertson, W. Ross.
 H. B. Sargent, F. H. Savage, Dr. W. Scott, W. P. Simonds, E. C. Smith, F. B. Smith, R. D. Smith, J. D. Snell, R. H. Spaulding, W. B. Stevenson, E. H. Stone, R. M. Stone.
 A. L. Tanyane of THE PAPER TRADE JOURNAL, H. C. Thayer, F. L. Thompson, C. H. Tiffany, F. B. Tracy, A. W. Turner, F. Van Da Linda, B. S. Van Wyck, J. W. Vivian, P. B. Von Olker, C. H. Vose.
 C. H. Waite, H. E. Waite, M. H. Warren, C. F. Weed, C. G. Wells, P. D. Wells, G. W. Wheelwright, J. R. Whitney, W. A. Whitney, C. L. Whittmore, A. C. Wilde, H. A. Wingate, J. T. Wolahan, C. W. Wood, Charles Wood, F. L. Wood, H. R. Woodward, E. Wright.
 C. A. Young, E. L. Young.



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WE are the largest washed clay producers in America, the daily capacity of our five plants exceeding 300 TONS DAILY.

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Our *experience* in clay washing extends many years beyond that of our nearest competitors.

Our clay is positively the lowest in percentage of grit and moisture in any clay, *domestic* or *foreign*.

CLAY

When you contract with us for shipments you can depend upon *prompt deliveries* whether the season is rainy or dry.

Our crude clay is mined from the Famous Paragon Mine at Langley, S. C.

That, in a few words, is our story.

We hope to serve you.

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Obituary

Albert E. Reed

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., March 29, 1920.—News has been received in Montreal of the death in England of Albert E. Reed, the head of Albert E. Reed & Co., Ltd., the well-known British paper firm, which has a large ground-wood mill at Bishop's Falls, Newfoundland. Mr. Reed, who was in his 74th year, was a pioneer in the use of ground-wood in the manufacture of paper and took a leading part in the development of the industry in Newfoundland.

Elbert G. Geddes

[FROM OUR REGULAR CORRESPONDENT.]

MUSKEGON, Mich., March 27, 1920.—Elbert G. Geddes, 52 years of age and for the past nine years secretary of the Central Paper Company and for the last 21 years an employee of the concern, died last Tuesday. He was a native of Canada.

William A. Wooden

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., March 27, 1920.—William A. Wooden, aged 53 years, died Thursday afternoon of apoplexy at his home in this city. He was one of the most widely known paper men in Michigan, having been identified with this line and office supplies for 32 years. He founded the firm of Doubleday Brothers & Co., and about a year ago disposed of his interests and embarked in business with his son, D. C. Wooden, under the firm name of the Wooden-Beute Company.

Rudolph Wolf

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, March 29, 1920.—H. L. Rudolph Wolf, aged 70, residing at 24 McKinley Street, died at his residence last week, following a general breakdown. Thirty-five years ago he was one of a group of men who founded the Aull Brothers' Paper Company's plant, then located on Second Street. He was an inventor and is credited with having designed and manufactured the first paper pail in this part of the country. He remained an active member of the company until ten years ago when he retired.

Mr. Wolf was born in Europe, having come to this country from Germany when was eight years of age. Practically his entire life was spent in the paper industry. He held many patents on articles made from paper, such as hat boxes and containers, and he was the first man to perfect the paper bucket which at the time it was introduced, was a novelty of the highest type.

Whiting Paper Adopted by Wilson-Jones

An interesting bulletin was recently issued by the Wilson-Jones Loose Leaf Company in the form of a large newspaper sheet, entitled "Wilson-Jones Loose Leaf News." The bulletin has the following to say:

"Biggest loose leaf scoop in history. The Wilson-Jones Loose Leaf Company has again demonstrated their leadership among loose leaf manufacturers. Hereafter Whiting's No. 1 Ledger Hinged and Whiting's Record Ledger Hinged will be used in the manufacture of all De Luxe line high grade ledger leaves.

"This announcement comes as a result of exhaustive tests and experiments made by the Wilson-Jones Loose Leaf Company, and is in keeping with their twenty-year-old policy to furnish De Luxe line dealers with first quality loose leaf products.

"The remarkable growth and expansion of the Wilson-Jones Loose Leaf Company, necessitating the erection of a huge Chicago plant and demanding a vast and increasing amount of tonnage. To this demand the Whiting Paper Co. responded with the as-

urance that the necessary tonnage to cover both present needs and all future expansion would be supplied.

"Every dealer stocking Wilson-Jones Loose Leaf Company's merchandise will heartily approve this progressive step. The Whiting Paper Company has long been recognized as the foremost manufacturers of loft-dried papers exclusively in the world, and this recognition is international, as they have been awarded the grand prize by the jury of the Paris Exposition. The Whiting Paper Company are the only American paper makers ever awarded this prize.

"This connection is vital to all dealers in loose leaf products, particularly "De Luxe" line dealers, who are now assured the highest quality paper manufactured. They can secure loose leaf merchandise in any quantities they desire, and to the national reputation of the Wilson-Jones Loose Leaf Company is added that of the Whiting Paper Company, gained from more than fifty years of excellence in paper making.

"Another advantage given the Wilson-Jones Loose Leaf Company's dealers is that they may now offer their customers the 'Whiting Mill Hinge,' the most marked improvement in hinged ledger paper ever devised. The hinge is produced only by the Whiting Paper Company through special process of manufacture. Paper experts from the Wilson-Jones Loose Leaf Company have pronounced it the nearest approach to perfection ever attained in hinged paper."

Beaverboard Companies Build Additions

[FROM OUR REGULAR CORRESPONDENT.]

THOROLD, Ont., March 29, 1920.—Work is being rushed on additions to the Beaverboard Company's plant here. One big addition is to be 125 by 362 feet of steel and concrete, mill type construction. The plant will have a capacity of 500,000 feet per day and will provide employment for approximately 100 men. An office building 48 by 80 feet of brick, wood and concrete is also being built. These buildings are expected to be finished next week. The company is also extending its dwelling accommodations, having just finished a number of single houses and is now building double houses for the accommodation of employees who are unable to get places.

Maurice W. Simon in New Quarters

BUFFALO, N. Y., March 29, 1920.—Maurice W. Simon who, after selling his interest in the Tonawanda Board and Paper Company last fall and resigning his connection as secretary and sales manager of that company, entered into business for himself, selling paper board and fibre shipping containers, with offices in the Liberty Building, Buffalo, N. Y., is now moving into larger offices in the same building and is adding to his organization James Pollak, of Detroit, and Harold A. Keeler.

Mr. Keeler served with Simon at Tonawanda for a number of years as a salesman, and is well and favorably known to the trade. Mr. Pollak will assume the position of office manager.

Wrapping May Be Expressed in Heavy Paper

An impression has prevailed in some directions that wrapping paper could not be sent by express wrapped in paper, but that it had to be cased. This is incorrect, as may be seen from the following extract from Supplement 5 of the rules of the American Express Company:

"The following articles may be accepted without limit as to weight when securely wrapped in heavy paper and tied with strong cord or metal tape:—

"Cloth (except silk) in bales or solid rolls, newspapers, magazines or periodicals, paper-building lithograph, printing, show or wrapping; also fibreboard, pulpboard or corrugated strawboard and roofing paper, or roofing material."



Fill Your Warehouse to Capacity

Hand piling places a limitation on storage quarters—the piles go no higher than the gang are physically able to pile them—where they stop—your storage capacity stops.

But with a REVOLVATOR

you get to the very top—with it, only the ceiling limits storage capacity—one man can take it any place.

There is a REVOLVATOR to suit the peculiarities of any kind of piling—it is made in nine models, operated by hand motor and combination hand and motor, all in both revolvable and non-revolvable types.

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Sales Agents for the N. Y. Revolving Portable Elev. Co.
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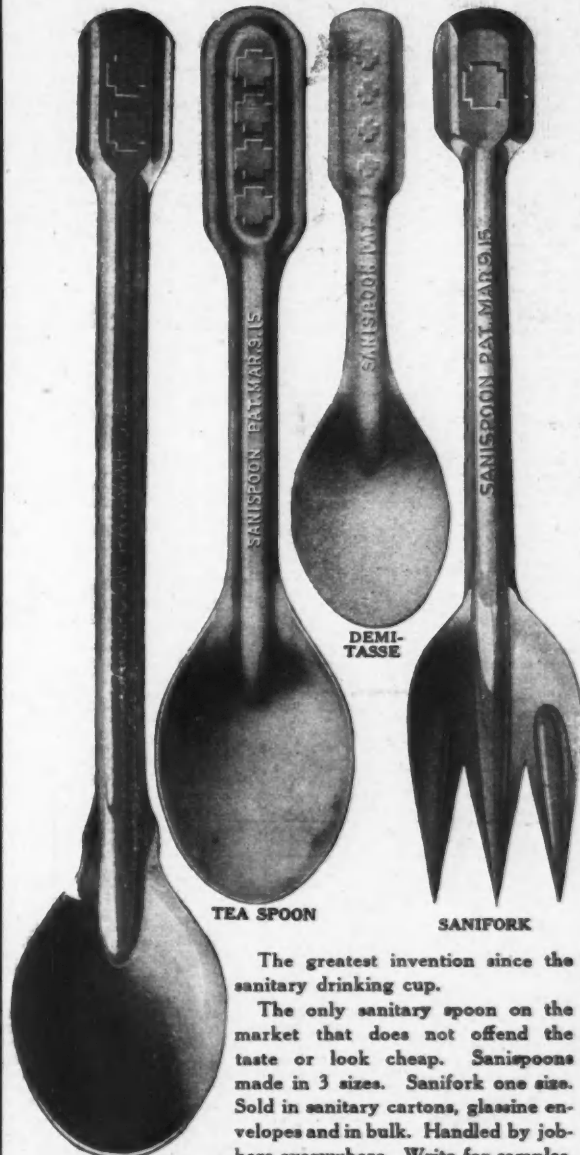
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TEA SPOON

SANIFORK

SODA SPOON

The greatest invention since the sanitary drinking cup.

The only sanitary spoon on the market that does not offend the taste or look cheap. Sanispoons made in 3 sizes. Sanifork one size. Sold in sanitary cartons, glassine envelopes and in bulk. Handled by jobbers everywhere. Write for samples.

Sanitary Products Corporation of America

Successor to Sanispoon Sales Co.

136 LIBERTY STREET

NEW YORK CITY

PAPER AND PAPER STOCK IMPORTS AND EXPORTS OF THE UNITED STATES

For the Month Ending January 31, 1920, and for the Seven Months Ending January 31, 1920, as Compared with Corresponding Months of Three Previous Years.

IMPORTS—PAPER.

PAPER AND MANUFACTURES OF.	January				Seven Months Ended January 31							
	1919.		1920.		1918.		1919.		1920.		1920.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Books, Music, Maps, Engravings, Etchings, Photographs, and other Printed Matter		\$161,197		\$486,725		\$1,320,537		\$1,212,907		\$2,622,126		\$2,947,784
Decalcomania paper, not printed.		3,026		12,422		791,962		563,670		602,947		73,846
Lithographic Labels and Prints (except Post Cards)	18,694	13,791	45,024	25,962		160,359	86,374	132,563	205,101	175,969		22,110
Paper Hangings		6,725		21,830		90,097		47,306		92,110		87,660
Photographic	1,334	3,845	67,084	23,574		316,066	274,170	108,146	174,781			
PRINTING PAPER FOR BOOKS AND NEWS-PAPERS—												
Valued at not above 5 cents per pound.												
lbs..Free	104,966,927	3,385,125	115,148,343	4,447,500	673,777,249	19,048,805	600,422,856	21,062,806	752,673,998	37,223,997		36,196
lbs..Dut.	1,721	904	81,798	10,079	154,394	29,107	56,145	29,503	152,874	36,196		22,433
Post Cards, Souvenir		9,691		2,909		31,683		23,703		22,433		
Pulp board, in rolls, not laminated.		179,660		10,356,290		209,817		44,823,020		1,071,767		1,480,130
Surface-coated		9,908		117,237		340,373		75,491		172,341		39,366
Wrapping		66,155		681,502		2,813,583		177,424		4,867,068		382,850
All other		103,954		157,801		2,295,570		628,969		3,370,182		1,059,962
Total Paper, and Manufactures of.		\$8,999,177		\$5,678,350		\$24,416,913		\$25,372,241		\$34,101,857		

CRUDE PAPER STOCK.

	1919.	1920.	1918.	1919.	1920.
Paper stock other than Woolen.	96,919	\$18,579	17,879,292	\$484,326	18,550,730
All other kinds of paper stock.	3,300,117	136,320	18,302,793	561,475	1,970,033

WOOD PULP.

	1919.	1920.	1918.	1919.	1920.
Mechanically ground	12,888	\$376,479	17,579	\$723,144	133,660
Chemical—					
Unbleached					
Sulphate	9,088	641,481	16,022	1,116,438	56,862
Sulphite	16,301	1,439,355	27,896	2,344,007	101,747
Total	25,289	\$2,080,536	48,915	\$3,460,442	168,609
Imported from—					
Norway			125	\$11,530	3,235
Sweden	3,450	\$346,178	19,150	1,379,168	39,839
Canada	21,844	1,738,276	21,485	1,605,133	114,151
Other countries	95	7,932	3,158	264,584	1,403
Bleached					
Sulphate	208	\$19,068	1,727	\$151,975	1,253
Sulphite	567	158,418	5,745	609,917	1,468,580
Total	1,075	\$172,356	7,472	\$821,892	11,284
Imported from—					
Norway	175	\$46,061	1,623	\$222,384	12,587
Sweden	300	63,397	1,346	116,121	3,716
Canada	600	61,996	4,468	481,968	6,557
Other countries			5	949	896

CHEMICALS AND OTHER PAPER MAKERS' SUPPLIES.

	1919.	1920.	1918.	1919.	1920.
Colors or dyes, n.e.s.	216,932	\$502,328	539,144	\$615,837	\$1,539,700
Imported from—					
Germany			142,309	\$65,430	\$3,048
Switzerland	147,404	\$231,275	236,892	423,463	963,548
United Kingdom	69,376	70,591	20,796	21,134	245,675
Other countries	172	462	139,147	85,820	197,433
Indigo—					
Natural	86,723	\$63,680	13,413	\$23,838	1,311,872
Synthetic	56,217	25,400	18,001	15,519	629,789
Alizarin and alizarin dyes.	505	454	63,685	33,529	29,232
Lactarene, or Casein.			1,397,209	154,000	123,036
Lime, Chlor. of.	75,900	2,149	135,965	1,821	8,064,513
Magnesite, not purified.	838	23,581	3,613	6,641	4,065
Potash, Hydrate of.			78,540	26,161	2,755
Sulphur or Brimstone.					11,732
China clay or kaolin.	18,506	170,933	18,228	209,397	122,662

(Continued on page 54)

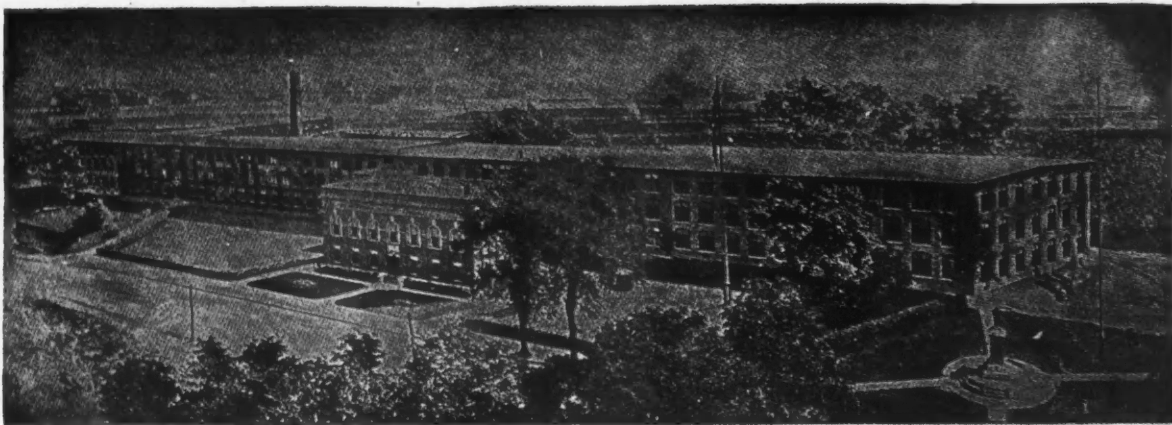
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HOWARD BOND
WATERMARKED

World's
Greatest Bond Paper

Renowned Where Quality Rules

Produced by
THE HOWARD MILLS, Urbana, Ohio

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

PAPER AND PAPER STOCK IMPORTS AND EXPORTS OF THE UNITED STATES

(Continued from page 52)

PAPER AND MANUFACTURES OF.	January 1919-1920.				Seven Months Ended January 31, 1919-1920.			
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Pulp wood—								
Rough.....cords..Free	11,564	\$104,848	5,767	\$52,690	152,347	\$1,127,835	226,532	\$2,109,284
Peeled.....cords..Free	79,787	781,026	46,988	466,556	379,458	3,610,548	561,691	5,468,612
Rossed.....cords..Free	5,689	66,012	3,274	39,245	113,241	1,340,006	106,132	1,296,230
Total.....cords..	96,900	\$961,886	55,979	\$557,490	645,046	\$6,114,449	893,665	\$8,898,116

EXPORTS—PAPER.

	1919.	1920.	1918.	1919.	1920.
	Quantity.	Value.	Quantity.	Value.	Quantity.
Books, Music, Maps, Engravings, Etchings, Photographs and Other Printed Matter...		\$146,027		\$124,080	
Boxes and Cartons.....	1,339,955		1,845,188		6,946,357
Carbon Paper.....	110,108		61,448		783,604
Cash-register and adding-machine paper...	12,911		8,963		426,422
Paper Board, Strawboard, etc.....	500,935		296,808		65,448
Paper Hangings.....	71,743		67,587		1,400,216
Playing Cards.....	151,043		64,671		227,856
PRINTING PAPER—					
News Print.....lbs.	25,622,000	\$1,008,242	7,666,201	\$418,968	143,465,791
Exported to—					
France.....	1,482,905	\$69,554	31,441	\$3,561	\$1,086,529
United Kingdom.....			31,441	\$3,561	28,341,723
Canada.....	79,390	3,775	107,718	7,897	\$1,088,004
Mexico.....	156,455	7,699	56,226	4,293	24,066
Cuba.....	1,736,890	75,233	151,968	7,696	9,226
Argentina.....	8,481,163	346,631	3,334,596	157,120	1,115,838
Brazil.....	3,594,214	157,929	905,850	48,418	49,198
Chile.....	687,510	26,008	6,771	855	347,375
Uruguay.....	946,590	25,395	761,119	44,774	10,216,933
Other South America.....	545,375	32,949	299,159	18,448	215,080
China.....	659,960	46,075	557,157	39,033	105,367
Japan.....	346,800	24,159	234,524	23,734	3,086,386
Australia.....	4,266,355	158,529	322,322	25,820	2,577,492
Philippine Islands.....	696,008	25,145	225,361	18,492	157,156
Other countries.....	2,239,295	103,591	824,170	32,362	3,832,397
All other.....lbs.	30,800,260	\$2,307,257	6,277,834	\$725,224	197,284
Exported to—					
United Kingdom.....	2,511	\$439	150,223	\$26,719	60,036
Canada.....	408,105	50,506	316,457	30,029	88,332
Mexico.....	159,104	14,438	70,410	5,894	1,890,689
Cuba.....	1,061,516	123,788	794,329	84,005	3,390,357
Argentina.....	4,071,918	450,533	1,800,477	194,973	55,515
Brazil.....	1,471,711	156,899	418,764	52,688	1,074,854
Chile.....	1,248,046	167,055	80,431	6,879	6,594,922
Peru.....	148,461	16,797	36,881	4,505	15,336,370
Uruguay.....	374,143	41,312	134,964	17,902	1,525,790
China.....	672,567	68,286	357,895	69,638	4,322,344
British India.....	375,908	31,299	245,743	22,861	267,000
Japan.....	2,657,296	304,690	704,448	81,737	150,279
Australia.....	5,032,963	513,570	100,475	12,803	121,979
Philippine Islands.....	406,509	35,019	162,015	17,819	270,156
Other countries.....	2,034,412	233,977	723,325	80,552	49,566
Tissue and Toilet Paper.....		\$348,070		\$306,173	
Towels and Napkins.....		14,591		16,726	
Wax Paper.....		75,907		15,906	
Wrapping Paper.....lbs.	7,140,949	670,834	3,127,332	319,699	34,981,278
Writing Paper and Envelopes.....		1,794,305		698,888	
All other.....		1,145,232		678,796	
Total Paper and Manufactures of.....		\$9,504,228		\$5,583,908	

WOOD PULP AND PAPER STOCK.

	1919.	1920.	1918.	1919.	1920.
	Quantity.	Value.	Quantity.	Value.	Quantity.
Paper stock.....lbs.	2,307,480	\$96,187	9,296,179	\$257,899	19,248,224
Wood Pulp.....tons	1,584	181,408	2,300	167,449	26,543

MISCELLANEOUS ITEMS.

	1919.	1920.	1918.	1919.	1920.
	Quantity.	Value.	Quantity.	Value.	Quantity.
Rosin.....bbbls.	88,615	\$1,297,648	130,277	\$2,431,019	700,716
Exported to—					
Italy.....	4,420	\$77,159	589	\$10,000	10,080
Netherlands.....			719	15,229	\$63,386
Norway.....			240	4,820	4,420
Sweden.....	500	6,500	4,254	98,657	16,237
United Kingdom.....	51,271	710,690	14,738	274,922	198,970
Canada.....	3,278	37,290	8,413	151,326	51,500
Cuba.....	98	1,385	1,542	27,672	18,158
Argentina.....	10,928	170,230	9,992	151,086	221,272
Brazil.....	6,004	90,122	21,305	398,014	87,269
Uruguay.....	2,958	45,950	1,908	35,680	1,116,734
Dutch East Indies.....	797	16,023	8,908	197,843	10,835
Japan.....	2,043	36,908	43,355	779,534	80,520
Australia.....	965	8,323	1,709	35,111	2,811,544
Other countries.....	5,298	65,902	13,440	242,104	2,645,754
Sulphur or Brimstone.....tons	6,898	197,670	61,019	978,904	66,614
Sulphuric.....lbs	1,067,763	28,286	1,798,749	38,038	2,278,198
Paper and pulp machinery.....		301,486		188,013	23,070

**HAMMERMILL
BOND**

**HAMMERMILL
COVER**

**HAMMERMILL
LEDGER**

**HAMMERMILL
SAFETY**

HAMMERMILL PAPER CO.
ERIE, PENNSYLVANIA

EASTERN OFFICE 291 BROADWAY NEW YORK CITY

“AMERICAN” TWINES

are demanded by discriminating twine buyers, because they are **STRONG**, give good yardage, hold fast at the knot and point of intersection, and can be relied upon absolutely.

Dissipate your twine troubles by using “AMERICAN” Twines—“The Twines That Hold Fast.”

Paper Makers’ Twine—Tube Rope—Wall Paper Twine—Hay Rope—Fine and Coarse Polished Twines—Manila Rope—Transmission Rope.



*For Prices Address
Dept. N.*

*Largest makers
of Commercial
Twines and Rope
in the World.*

AMERICAN MANUFACTURING CO.

MILLS AND SALES OFFICE:
Noble and West Streets, - - Brooklyn, New York City

Simple, Strong, Safe

There's the story of a Caldwell Tubular Tower.

It is so simple that you can erect it yourself. It is so strong that it will endure cyclones and tornadoes. It conforms strictly with approved engineering principles. The cost is moderate.

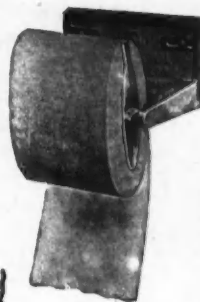
If you want these qualities in a tower, equip yourself with a Caldwell Tubular.

Send for Catalogue

W. E. CALDWELL CO.
INCORPORATED
2040 Brook St., Louisville, Ky.



Caldwell
TANKS
AND
TOWERS



American
Oval
Toilet Paper
QUALITY-FULL QUANTITY

HERE is a neat, attractive toilet paper holder, for which we manufacture the finest grade of paper. Its advantages from the point of utility and economy are numerous. Wastage is reduced to the minimum. New screw holes in the wall are unnecessary because of the elongated holes we have provided. We offer to jobbers a full line of OVAL (Plain or Notched) also ROLL and PACKAGE TOILET PAPERS and TOWELS. Full information, prices and sample sent on request.

Foley Paper Company, Inc.
Springfield, Mass.

2

Builders of all
types of

**Paper Making
Machines**

and machinery for

**Paper & Pulp
Mills**



Successful
machines in
operation
are proof
that our
work is built
right.

View showing front entrance to the factory of

The Black-Clawson Co.

HAMILTON, OHIO

A cordial invitation is extended to pay us a visit and a letter will always bring a response.

Bonds — Ledgers — Writings

All of the same high standard of value as

SYSTEMS BOND

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



A Grade for Every Requirement

EASTERN MANUFACTURING COMPANY

GENERAL SALES OFFICES

501 Fifth Avenue New York
Mills at Bangor and Lincoln, Maine

JAMES ROSENBERG, Pres. L. W. BOWMALL, Vice Pres.

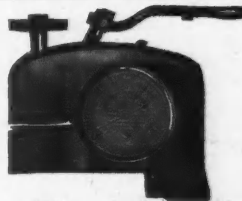
AMERICAN WOODPULP CORPORATION
FOREIGN AND DOMESTIC
CHEMICAL and MECHANICAL WOODPULPS

*Rags, New Cuttings, Bagging, Etc.
Chemicals of All Descriptions*

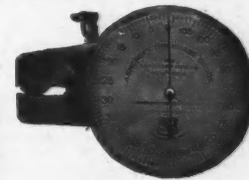
New York—347 Madison Ave.

BRANCHES:
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Holyoke—J. B. Woodruff, Inc.
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The Ashcroft Paper Tester



The Ashcroft Thickness Gauge

Actual necessities for all those who make, sell or purchase paper in any form. The thousands in daily use testify to their efficiency.

THE ASHCROFT MFG. CO.

119 West 40th Street New York 29 North Jefferson Street Chicago, Ill. 19 High Street Boston, Mass.
Canadian Sales Agents: The Canadian Fairbanks Morse Co., Montreal and Toronto.

ESTABLISHED 1842

FOURDRINIER WIRES

DANDY ROLLS
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CHENEY BIGELOW WIRE WORKS
SPRINGFIELD, MASS.

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**Brass, Copper and Wire Cloth,
Bank and Office Railings and Grille Work**



DIRECT MILL SERVICE TO THE PAPER MERCHANT

IMMEDIATE SHIPMENT — Write us for list of stock on hand at our mills. We always have paper to offer.

Boston Mill Company
INCORPORATED

PAPER MANUFACTURERS' SELLING AGENTS
Astor Trust Building, Tel. Vanderbilt 4784-5986
501 FIFTH AVENUE at 42nd STREET
NEW YORK



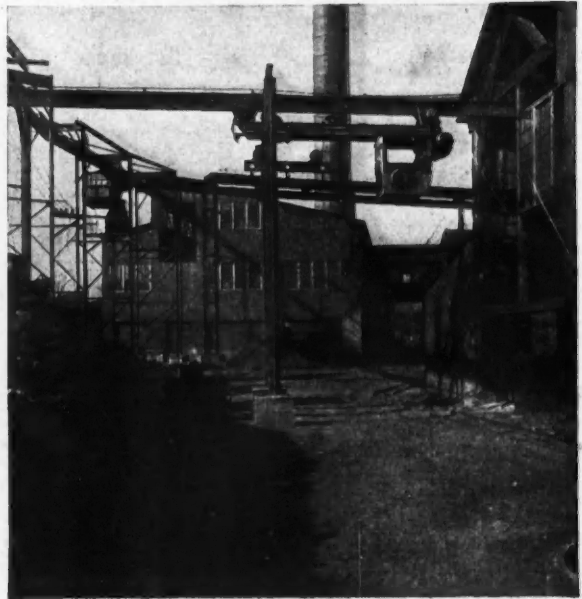
Manufacturers of

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

Our Boards and Papers lie flat, hang straight, and register because they are made right.
Orders for regular or special sizes are given prompt attention. Quality guaranteed.

TRY US AND SEE

EASTERN SALES OFFICE, 501 Fifth Avenue, NEW YORK CITY



Outdoors or indoors with the same efficiency

The dampness encountered outside on inclement days or dust that may exist within the plant, does not affect the steady consistent operation of a Shepard Hoist. All operating mechanism electrical and mechanical are contained within damp-proof, dust-proof metal housings. Shepard Hoists do much to keep production up. They expedite the transferring and rehandling of material. They not only release the labor gangs for production work but accomplish more in less time. One man controls the entire operation of a "Shepard."

Put your rehandling and transferring problems before Shepard engineers. They are competent to assist in laying out the proper equipment for any plant large or small. Their services do not obligate you.

Shepard Electric Cranes and Hoists are made in capacities of 1 to 50 tons.

SHEPARD ELECTRIC CRANE & HOIST CO.

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

New York	Philadelphia	Chicago	Pittsburgh	Melbourne
Boston	San Francisco	Baltimore	Cleveland	Montreal
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2097-S

A good business man knows the value of thoughtful advertising.

The Paper Trade Journal is an unexcelled medium.

WE specialize in durable Fourdrinier Wires and Cylinder Wires in any metal desired up to and including 120 mesh in plain woven, double warp, triple chain, and twisted weaves.

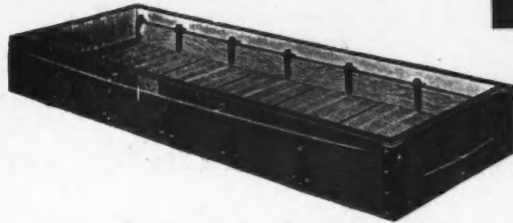
Save two-thirds the cost and three-quarters of the expense of putting on brass and bronze wires by using our nickel alloy wires.

Joseph O'Neill Wire Works

Southport, Connecticut
Established 1906

UNION SCREEN PLATE COMPANY

FITCHBURG, MASS., U. S. A.
LENNOXVILLE, P. O. CANADA



UNION BRONZE SCREEN PLATES ROLLED BRASS
(Best phosphorized Cast Metal) (Union Quality)

Old Plates RECLOSED and RE CUT to accurate gauge.

UNION BRONZE SCREWS for Screen Plates UNION BRONZE SUCTION BOX PLATES

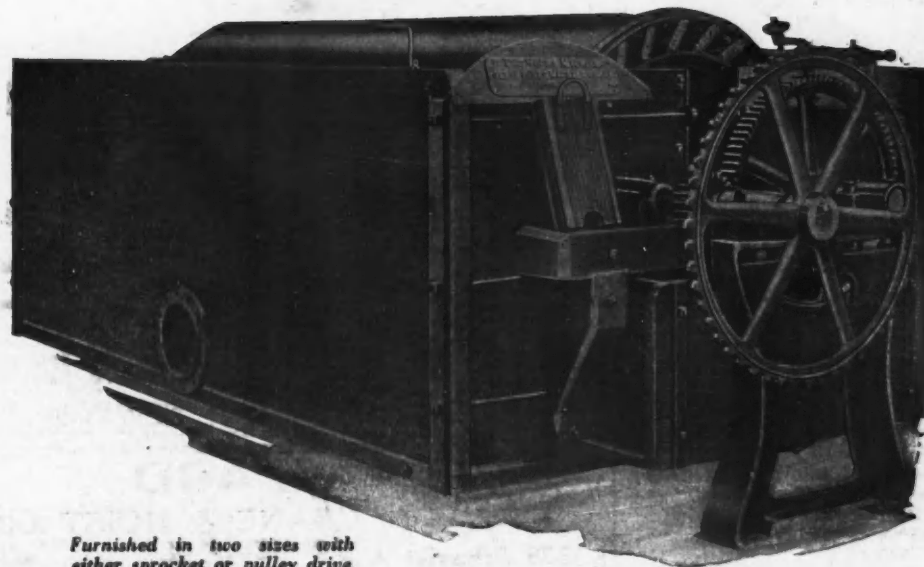
Immediate Delivery of the Largest Orders. Satisfaction Guaranteed.

The WITHAM SCREEN PLATE FASTENER, Patented
THE ORIGINAL THE BEST

Over One Thousand in Successful Operation

Recommended by Screen Makers

THE WOOD'S MACHINE



Reduces wire cost
Works automatically
No couch roll
No Doctor
Used as
Pulp Thickeners
Save-Alls
Pulp Washers
Water Filters

Guaranteed High Grade
Construction—Built for
Service.

Furnished in two sizes with either sprocket or pulley drive.

MADE BY GLENS FALLS MACHINE WORKS : GLENS FALLS, N. Y.
Try our Split Cams for your Flat Screens.

"Some Papers to be all three!"

GOOD Papers

BETTER Wet than Dry

BEST Brands

KVP Vegetable Parchment is a GOOD strong, pure paper for wrapping and packing foods and other products—BETTER wet than dry—the BEST in the world for its purpose.

KALAMAZOO VEGETABLE PARCHMENT COMPANY,
KALAMAZOO, MICHIGAN,
"World's Model Paper Mill"
Makers of vegetable parchment and waxed paper.

EVERYTHING IN

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33 West 42nd St.

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(Cable address - Pulp, N.Y.)

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Incorporated

52 Vanderbilt Avenue

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Bleached Easy Bleaching

Unbleached Sulphites

Spruce and Poplar Ground

Wood Pulp

Domestic *Export*

POTDEVIN MACHINE CO.

ESTABLISHED 1893

1221 38th Street, Brooklyn, N. Y.

MANUFACTURERS OF

IMPROVED MACHINERY FOR MAKING

SELF OPENING BAGS SATCHEL BOTTOM BAGS

FLAT AND SQUARE BAGS (All Lined or Unlined)

PAPER BAG BUNDLING PRESSES

WAX PAPER

CORRUGATED PAPER ENVELOPES

Scalloped Strips for Candy Boxes

GUMMING MACHINES

For COLD or HOT GLUES

A. SALOMON, Inc.

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Consult us if you are looking
for Foreign Rags


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CENTRAL MANUFACTURING COMPANY
 THE QUICK SERVICE HOUSE KALAMAZOO, MICH.

Manufacturers of

High Grade Brass and Bronze Screen Plates and Dandy Rolls

OLD PLATES CLOSED AND RECUT  DANDY ROLLS AND WATER MARKING

Secure Our Prices   We Can Please You

STORM & BULL, Inc.
 2 Rector Street, New York

Paper Exporters—Pulp Importers

OFFICES:
 Buenos Aires Montevideo Valparaiso La Paz
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EXPERIENCED PAPER AGENTS IN OTHER PARTS OF THE WORLD

HAVING JUST COMPLETED ARRANGEMENTS TO EXCLUSIVELY REPRESENT

Ekman's Export Aktiebolag
 OF GOTHENBURG, SWEDEN

We are in an especially attractive position to offer many of the very best and well known brands of Swedish Pulp in

Strong Unbleached Sulphite
Easy-Bleaching Sulphite
Mitscherlich Strong Unbleached Sulphite
Bleached Sulphite
Strong Sulphate (Kraft)
Easy-Bleaching Sulphate

We are also representatives in the U. S. A. of the HELLEFORS BRUKS AKTIEBOLAG including LAXA and HELLEFORS Easy-Bleaching Sulphite and HELLEFORS and FREDRIKSBERG STRONG KRAFT Pulp.

Ask for our samples and prices

Corin Brothers, Inc. Grand Central Palace New York City

F. L. SMITHE MACHINE CO.
 MANUFACTURERS OF

Envelope Machines

and special paper handling machinery designing, pattern making, machine work.

150 ELEVENTH AVE., NEW YORK



Showing ease with which Plibrico is laid in place.

P L I B R I C O

A Jointless Fire Brick Lining

under your boiler is a sure determinable saving of one of the largest preventable losses of economy in any boiler plant. Plibrico is also unexcelled for baffle construction and repairs.

Shipped in steel containers only. Warehouse stock carried in principal cities for immediate delivery.

Write for book on furnace building.

JOINTLESS FIRE BRICK CO.

Offices and Factory: 1138-1150 Clay St., Chicago, Ill.
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PLIBRICO
 HIGH HEAT RESISTANCE
 ONE PIECE
 FURNACE LINING

Trade Mark
 Reg. U. S. Pat. Office

New York Market Review

Office of the PAPER TRADE JOURNAL,
WEDNESDAY, March 31, 1920.

Demand for paper continued strong during the last week with little change in the congested conditions under which trading has been carried on in the recent past. Jobbers are laboring under the difficulty of not receiving their contract material on time, and this has caused somewhat of a dearth in the spot market, as well as in the depleted stocks of the smaller consumers whom these jobbers supply. There has been, therefore, a state of wild bidding in the open market for paper, and record prices have been reached lately at the top of a wide range. From many sources come reports that the car supply is loosening up, but there is still quite a gap between the present supply and the normal supply.

Conditions were improved to a slight extent in the news print field last week, owing to the slightly better supply of box cars. Dailies are still running on a frugal hand-to-mouth supply however, but the outlook for better shipments in the near future is considerably brighter. A fall in price is problematical for the summer months, and no opinions were expressed on that possibility.

Book mills continued to be rushed with orders, but publishers are seemingly well aware of the condition of the market, and are slightly turning their spot orders to the jobbers of this material. Shippers in this as in other fields are having less difficulty in securing freight cars. It is believed and partially proven at certain sources where statistics are available, that publishers are not cutting on their present advertising as much as they might, but are holding their old advertisers without adding new accounts to their books.

The tissue market has reached the oversold point, and in view of the increasing demand, many tissue mills have closed their books to further orders. Foreign demand is enormous, and such huge quantities have been ordered by China and Japan that dealers in this field are wondering among themselves just what use is to be made of it. South American interests have also played their hand, and thousands of tons of tissue for that continent are entered on the books of domestic mills. Domestic sales are also keeping up the pace, and as reported in these columns last week, packing and stuffing tissues are experiencing the heaviest trading, with an inadequate supply of nearly all grades.

Coarse paper continued in heavy demand during the past week, but probably the strongest call was for 20 pound glassine, which sold in a range of 26@32 cents, and is at present practically unavailable, partly due to the heavy exporting being done in this market.

There was no abatement in demand for all grades of board during the past week. Container board mills are running under contract for the next two months, but there is some spot to be had from jobbers covered by contract. Delivery for ordinary board is reported as fairly good at two weeks to one month, depending for the most part on the availability of cars. The large majority of box manufacturers are covered by contract, and the demand now being supplied by the jobbers is merely for goods to fill in until the contracted board arrives.

Mechanical Pulp

More price advances were noted in the mechanical pulp market last week. Sales were reported as high as \$100 the ton due to the scarcity and extremely heavy demand. This commodity is in reality unquotable, all kinds of prices being talked of in many quarters. The position of the Canadian wood land holder is much like that of the paper stock men here. Handling facilities in the

Dominion have greatly increased in cost; labor is scarce and the demand from the paper mills continues steadily. There has also been some bidding for ground wood, which has done much to bring quotations to the high level now attained, and no opinion has been ventured as to when this shortage will be relieved.

Chemical Pulp

The chemical pulp market is firm and the demand continues strong. Domestic mills are having some difficulty in securing their raw material from domestic packers owing to the poor collections and transit facilities. Little Swedish pulp is coming over, navigation being closed till the latter part of April, as is the condition each year, due to the ice flows in the Baltic. Bleached sulphite, it is said, is being bought chiefly by manufacturers of artificial silk at 16 cents a pound and higher.

Domestic and Foreign Rags

There was a general easing off in the rag market during the past week. Demand was not as great as heretofore and prices in many important grades accordingly slumped. This condition is thought to be due to the thawing ice in the vicinity of the paper mills which have flooded the water ways, and as a result of this high water condition, mills have been shutting down and are consequently demanding less paper stock. It is thought that mills would under ordinary conditions buy heavily and accumulate a surplus, but they are holding out now while the market is on a decline, for the lower levels at which to buy.

No perceptible change was noted last week in the foreign rag market. Importations were of fair volume and remained at the same level, with the exception of an upward tendency in several grades.

Old Rope and Bagging

Old rope held its own last week and the market is reported as fairly firm, with the manila grades in good demand. Foreign manila experienced a slight increase. Bagging, on the other hand, may best be described at this time, as a drug on the market. The last several weeks' shipments of raw jute and jute butts, which are selling around 3 cents, has made the domestic article in very little demand at present market quotations.

Waste Paper

The heavy demand in this market is believed to be artificially increased to some extent by the scarcity of cars to move the large quantities of stock required by the paper mills. Particular difficulty was reported in obtaining box cars along the New Haven route, while it was said that the supply on other lines was more or less spasmodic, cars being obtainable here and there in varying quantities. Collections are slow; the reason for this has been shifted to the fact that labor is scarce and somewhat unreasonable in its demands, although some collectors and packers are having comparatively little difficulty along these lines. Higher grades of waste paper are holding their own, while inferior qualities are falling off in price. This is particularly true of folded news. Demand is expected to continue strong throughout the summer months.

Twine

Twine dealers report that the transportation problem has of late turned decidedly in their favor. Raw material is a little firmer, but still has an upward tendency, and as labor is working full time and steadier, this condition is reported also to have improved. Goods are very scarce and there is little spot material on the market, most of the moving stock being contracted for. No immediate advances are expected in this field.

Market Quotations

Paper Company Securities

New York Stock Exchange closing quotations March 31, 1920.

Stocks	BID	ASKED
American Writing Paper Company, pref.	47	49
International Paper Company, com.	83	83 3/4
International Paper Company, pref., stamped.	73	74
Union Bag & Paper Corporation	86	88 3/4
United Paper Board	28 1/2	—
United Paper Board, pref.	68	70

Because of the unusual conditions prevailing in the various markets quotations are more or less nominal.

Paper

F. o. b. Maker	
Bonds	13 @ 45
Ledgers	16 @ 44
Writing—	
Extra Superfine	22 @ 30
Superfine	20 @ 24
Tub Sized	15 @ 20
Engine Sized	13 @ 18
News—f. o. b. Mill—	
Rolls, contract	5.00 @ 6.50
Rolls, transient	10.50 @ 11.00
Sheets	— @ 5.50
Side Run	5.00 @ 5.50
Book, Case—f. o. b. N. Y.—	
S. & S. C.	11.00 @ 13.00
M. F.	11.00 @ 12.00
Coated and	
Enamel	15.00 @ 16.00
Lithograph	16.00 @ 17.00
Tissues—f. o. b. N. Y.—	
White, No. 1	1.30 @ 1.50
White, No. 2	1.25 @ 1.50
Manila, No. 1	1.40 @ 1.50
Colored	1.60 @ 3.10
Anti-Tarnish	1.35 @ 1.50
Kraft—f. o. b. Mill—	
No. 1 Domestic	10.50 @ 11.00
No. 2 Domestic	10.00 @ 10.50
Imported	15.00 @ —
Screenings	5.00 @ —
Manila—	
No. 1 Jute	13.50 @ 14.50
No. 2 Jute	11 @ 12
No. 1 Wood	9.00 @ 9.50
No. 2 Wood	8.00 @ 8.50
Butchers	5.00 @ —
Fibre Papers—	
No. 1 Fibre	7.25 @ 7.50
No. 2 Fibre	6 @ —
Card Middles	5.50 @ 6.00
Common Bogus	4.00 @ —
Boards—per ton—	
News	100.00 @ 115.00
Straw	85.00 @ 95.00
Chip	90.00 @ 100.00
Binders' Board	100.00 @ 105.00
Manila Laid Chip	100.00 @ 120.00
Wood Pulp	— @ nominal
Container	120.00 @ 150.00

Mechanical Pulp

(F. o. b. Pulp Mills.)	
No. 1, f. o. b. Mill	85.00 @ 90.00

Chemical Pulp

(Ex-Dock, New York.)	
Sulphite (Foreign)—	
Bleached	9.50 @ 11.00
Easy Bleaching	7.00 @ 7.25
No. 1, unbleached	6.50 @ 7.00
No. 2, unbleached	6.00 @ —
Kraft (Foreign)	5.75 @ 6.25
Sulphate—	
Bleached	nominal
Sulphite (Domestic)—	
Bleached	7.00 @ 7.50
Strong Unbleached	4.75 @ 5.00
Easy Bleaching	
Sulphite	5.25 @ 5.50
News Sulphite	4.50 @ 4.75
Mitscherlich	5.50 @ 6.00
Kraft (Domestic)—	
F. o. b. Mill	5.50 @ —
Soda Bleached	— @ nominal

Domestic Rags

New	
Prices to Mill, f. o. b. N. Y.	
Shirt Cuttings—	
New White, No. 1	18.50 @ 19.00
New White, No. 2	11.00 @ 12.00
Silensia, No. 1	12.25 @ 13.15
New Unbleached	16 @ 16.50
Washables	11.00 @ 12.00
Fancy	— @ 12.00

Cottons—according to grades—

Blue Overall	11.50 @ 12.50
New Blue	9.50 @ 10
New Black Soft	7.00 @ 7.50
New Light Sec.	7.00 @ 7.50
Khaki Cuttings	7.50 @ 8.00
Carduroy	6.00 @ 7.00
New Canvas	14 @ 14.50
New Black Mixed	4.50 @ 5.50

White, No. 1—

Repacked	12.00 @ 12.50
Miscellaneous	10.50 @ 11.00
White, No. 2—	
Repacked	7.00 @ 7.50
Miscellaneous	5.50 @ 5.75
St. Scold White	4.40 @ 4.70
Thirds and Blues—	
Repacked	5.00 @ 5.50
Miscellaneous	4.00 @ 4.25
Black stockings	4.50 @ 5.00
Cloth Strippings	3.60 @ 3.65
Roofing Stock—	
No. 1	3.55 @ 3.60
No. 2	3.40 @ 3.50
No. 3	2.30 @ 2.40
No. 4	3.00 @ 3.25
No. 5A	2.75 @ 3.00
B.	2.75 @ 3.00
C.	1.50 @ 1.60

Foreign Rags

New Light Silensias	11.00 @ 12.50
Light Flannelettes	12.00 @ 13.00
Unbleached Cottons	14.00 @ 15.00
New White Cuttings	18.00 @ 19.00
New Light Oxfords	nominal
New Light Prints	11.00 @ 12.00
New Mixed Cuttings	7.00 @ 8.00
New Dark Cuttings	4.25 @ 4.75
No. 1 White Linens	nominal
No. 2 White Linens	nominal
No. 3 White Linens	10.00 @ 12.00
No. 4 White Linens	8.00 @ 10.00
Old Extra Light	
Prints	5.25 @ 5.75
Ord Light Prints	4.50 @ 4.75
Med. Light Prints	4.00 @ 4.25
Dutch Blue Cottons	5.00 @ 5.50
Ger. Blue Cottons	4.75 @ 5.00
Ger. Blue Linens	4.75 @ 5.00
Checks and Blues	nominal
Dark Cottons	3.25 @ 3.50
Shoppery	3.00 @ 3.10
French Blues	4.65 @ 5.00

Bagging

Prices to Mill F. o. b. N. Y.	
Gunny No. 1—	
Domestic	3.25 @ 3.50
Foreign	3.15 @ 3.25
Wool Tares, light	3.25 @ 3.75
Wool Tares, heavy	3.50 @ 3.75
Bright Bagging	3.50 @ 3.75
No. 1 Scrap	4.00 @ 4.25
Sound Bagging	3.00 @ 3.25
Manila Rope—	
Foreign	9.00 @ 9.50
Domestic	8.00 @ 8.50
New Bu. Cut	5.25 @ 5.50
Hessian Jute Threads—	
Foreign	6.00 @ 6.50
Domestic	5.50 @ 6.00
Mixed Strings	3.00 @ 3.25

Twines

(F. o. b.)	
Cotton—	
No. 1	67 @ 68
No. 2	65 @ 66
No. 3	60 @ 61
India, No. 6 basis—	
Light	30 @ 31
Dark	28 @ 29
B. C., 18 Basis	35 @ 37
A. B. Italian, 18 basis	68 @ 71

Finished Jute—	
Light, 18 basis	40 @ 41
Dark, 18 basis	38 @ 39
Jute Wrapping, 2-6 Ply—	
Extra No. 1	36 @ 38
No. 1	32 @ 34
No. 2	30 @ 32
Tube Rope—	
5-ply and larger	22 @ 24
Fine Tube Yarn—	
5-ply and larger	30 @ 33
3-ply	30.50 @ 33.50
Unfinished India—	
No. 8 (3-ply and larger)	23 @ 26
Paper Makers Twine	
Balls	21 @ 23
Box Twine, 2-4 ply	23 @ 25
Jute Rope	20 @ 21
Amer. Hemp, 6	37 @ 39
Sisal Hay Rope	
No. 1 Basis	20 @ 22
No. 2 Basis	18.50 @ 20
Sisal Lath Yarn—	
No. 1	19.25 @ 19.75
No. 2	17.50 @ 19.50
Manila Rope	27 @ 28

Old Waste Papers

(F. o. b. New York.)	
Shavings—	
Hard White, No. 1	6.50 @ 6.75
Hard White, No. 2	5.50 @ 5.70
Soft White, No. 1	5.50 @ 5.75
Colored, No. 1	2.40 @ 2.60
Flat Stock—	
Stitchless	3.50 @ 3.75
Over Issue Mag.	3.60 @ 3.75
Solid Flat Book	3.40 @ 3.50
Crumpled, No. 1	2.75 @ 3.00
Solid Book Ledger	4.00 @ 4.25
Ledger Stock	4.50 @ 3.75
No. 1 White News	3.50 @ 3.75
New B. B. Chips	1.50 @ 1.60
Manilas—	
New Env. Cut	— @ —
New Cut, No. 1	— @ 2.40
Extra No. 1	— @ —
Print	2.00 @ 2.25
Container Board	1.60 @ 1.75
Bogus Wrappers	1.75 @ 2.00
Old Krafts	3.25 @ 3.50
News—	
Strictly Overissue	2.15 @ 2.25
Strictly Folded	1.85 @ 2.00
No. 1 Mixed Paper	1.45 @ 1.60
Common Paper	1.10 @ 1.20

CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Paper

Mill Price to Jobbers.	
All Rag Bond	35 @ 40
No. 1 Rag Bond	24 @ 27
No. 2 Rag Bond	22 @ 25
Water Marked Sulphite	15 @ 18
Sulphite Bond	12 @ 14
Unwater Marked Bond	13 @ 14
Sulphite Ledger	15 @ 17
Superfine Writing	22 @ 25
No. 1 Fine Writing	18 @ 20
No. 2 Fine Writing	15 @ 17
No. 3 Fine Writing	13 @ 15
No. 1 M. F. Book	12 @ 14
No. 1 S. & S. C. Book	12 1/2 @ 15
Coated Book	14 @ 17
Coated Label	12 1/2 @ 14
News—Rolls mill	8 @ 10
News—Sheets mill	8 1/2 @ 10 1/2
No. 1 Manila	8 1/2 @ 9
No. 1 Fibre	8 @ 8 1/2
No. 2 Manila	7 1/2 @ 8
Butchers' Manila	6 1/2 @ 7
No. 1 Kraft	11 @ 11 1/2
No. 2 Kraft	10 @ 10 1/2
Wood Tag Board	9 @ 9 1/2
Screenings	6 @ 6 1/2
Board being sold at price prevailing at time of shipment.	
Boards, per ton—	
Plain Chip	85.00 @ 95.00
Solid News	95.00 @ 105.00
Manila Lined	— @ —
Chips	105.00 @ 115.00

PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Paper

Bonds	14 @ 35
Ledgers	17 1/2 @ 41
Writings—	
Superfine	15 @ 35
Extra fine	33 1/2 @ —
Fine	17 @ 25
Fine, No. 2	27 @ —
Fine, No. 3	14 @ —
Book, M. F.	11 @ 12 1/2
Book, S. S. & C.	11 @ 12 1/2
Book, Coated	12 @ 17
Coated Lithograph	15 @ 17
Label	8 @ —
News	8 @ —
No. 1 Jute Manila	16 @ —
Manila Sul, No. 1	8 @ —
Manila No. 2	7 @ 9
Common Bogus	— @ —
Straw Board	75.00 @ 80.00
News Board	85.00 @ 90.00
Chip Board	83.00 @ 85.00
Wood Pulp Board	120.00 @ 140.00

(Carload Lots.)

Binder Boards—	
Per ton	85.00 @ 95.00
Carload lots	80.00 @ —
Tarred Felts—	
Regular	85 @ 95
Slaters	89 @ 96

Best Tarred, 1-ply (per roll)	85 @ 95
Best tarred, 2-ply (per roll)	1.40 @ 1.50
Best tarred, 3-ply	1.80 @ 1.95

Bagging

F. o. b. Phila.	
Gunny No. 1—	
Foreign	3.50 @ 3.75
Domestic	3.50 @ 3.75
Manila Rope	8.00 @ 8.25
Sisal Rope	2.50 @ 2.75
Mixed Rope	3.00 @ 3.25
Scrap Burlaps	3.00 @ 3.25
Wool Tares, heavy	5.20 @ 5.50
Mixed Strings	3.00 @ 3.25
No. 1 New La.	— @ —
Burlap	18.50 @ 12.00
New Burlap Cuttings	4.00 @ 4.25

Old Papers

F. o. b. Phila.	
Shavings—	
No. 1, Hard White	6.00 @ 6.25
No. 2, Hard White	5.50 @ 5.50

(Continued on page 66)

Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

NEW YORK IMPORTS

WEEK ENDING MARCH 27, 1920.

SUMMARY.

Cigarette paper	479 cs.
Printing paper	38 cs.
Hangings	133 bls. 6 cs.
Wall paper	44 bls.
Filter paper	13 cs.
Drawing paper	10 cs.
Miscellaneous paper	46 cs. 27 bls.

CIGARETTE PAPER.

Liggett & Myers Tob. Co., Eastside, Bordeaux, 62 cs.
American Tobacco Co., Eastside, Bordeaux, 263 cs.
American Tobacco Co., La Savoie, Havre, 54 cs.
F. J. Schneider, Pesaro, Genoa, 100 cs.

PRINTING PAPER.

Meyercord Co., West Ekouk, Liverpool, 12 cs.
B. F. Drakenfeld Co., West Ekouk, Liverpool, 6 cs.
B. F. Drakenfeld Co., Anglo Egyptian, Liverpool, 20 cs.

PAPERHANGINGS.

W. H. S. Lloyd & Co., Anglo Egyptian, Liverpool, 75 bls.	
W. H. S. Lloyd & Co., Defiance, London, 58 bls.	
W. H. S. Lloyd & Co., Defiance, London, 6 cs.	
WALL PAPER.	
R. F. Downing & Co., Defiance, London, 19 bls.	
F. J. Emmerich, La Savoie, Havre, 12 bls.	
A. Murphy & Co., West Ekouk, Liverpool, 12 bls.	

MISCELLANEOUS.

Angel H. Reeve & Co., Defiance, London, 13 cs. filter paper.
Angel H. Reeve & Co., by same, 10 cs. drawing paper.
Japan Paper Co., La Savoie, Havre, 2 cs. paper.
C. A. Johnson & Co., West Ekouk, Liverpool, 27 bls. paper.
C. D. Stone & Co., Dante Alighieri, Genoa, 44 cs. paper.

NEWS PRINT.

Hudson Trading Co., Prusa, Stockholm, 1,632 rolls. (This item was incorrectly credited to the Hart Trading Co. last week.)
--

CASEIN.

T. M. Duche & Sons, St. Bede, Buenos Aires, 3,335 bags.
A. Klipstein & Co., Invincible, London, 500 bags.

RAGS, BAGGING, ETC.

E. J. Keller Co., Ellenia, Venice, 179 bls. rags.
American Express Co., Ellenia, Catania, 179 bls. rags.
National City Bank, Grecian Prince, Havre, 266 bls. bagging.

Guaranty Trust Co., by same, Havre, 56 bls. bagging, 62 bls. rags.

Castle, Gootheil & Overton, by same, 208 bls. rags.

A. Salomon, Inc., by same 296 bls. rags.

E. J. Keller Co., by same, 56 bls. rags.

Stone Bros., by same, 62 bls. rags.

A. Katzenstein, by same, 50 bls. rags.

Solomon Bros. & Co., by same, 156 bls. rags.

E. M. & F. Waldo, by same, 7 bls. rags.

Standard Bank of So. Africa, Grecian Prince, Leith, 70 bls. waste paper, 146 bls. rags.

L. H. Abenheimer, by same, 43 bls. bagging.

E. Butterworth & Co., West Ekouk, Liverpool, 65 bls. rags.

Albion Trading Co., by same, 78 bls. rags.

Salomon Bros. & Co., Wynooche, Antwerp, 425 bls. rags.

Bank of New York, by same, 46 bls. rags.

Foreign Trade Banking Corp., by same, 277 bls. rags.

Patent Vulcanite Roofing Co., by same, 286 bls. rags.

Brown Bros. & Co., by same, 181 bls. rags.

Jebbe Bros., by same, 225 bls. bagging.

Castle, Gootheil & Overton, by same, 428 bls. rags.

E. J. Keller Co., Hatteras, Barcelona, 385 bls. rags.

Irving National Bank, New York, Southampton, 812 bls. bagging.

Certaineed Products Corp., Sawland, Antwerp, 45 bls. bagging, 333 bls. rags.

R. F. Downing & Co., by same, 17 bls. bagging.

National City Bank, Toronto, Antwerp, 258 bls. rags.

Standard Bank of So. Africa, by same, 65 bls. rags.

E. J. Keller Co., by same, 130 bls. rags.

E. Butterworth & Co., by same, 82 bls. rags.

Parsons & Whittemore, by same, 131 bls. rags.

Solomon Bros. & Co., by same, 44 bls. rags.

A. Salomon, Inc., by same, 278 bls. rags.

Smith Paper Co., Toronto, Antwerp, 81 bls. rags.

A. Katzenstein, by same, 87 bls. rags.

Castle, Gootheil & Overton, by same, 42 bls. rags.

Stone Bros., by same, 36 bls. rags.

Guaranty Trust Co., by same, 59 bls. rags.

E. J. Keller Co., Toronto, Hull, 43 bls. bagging.

Wilkinson Bros. & Co., by same, 74 bls. bagging.

Wilkinson, Bros. & Co., by same, 54 bls. rags.

Castle, Gootheil & Overton, by same, 1,535 bls. rags.

Salomon Bros. & Co., by same, 17 bls. rags.

W. Hughes & Co., Delco, Dublin, 500 bls. paper stock.

E. J. Keller Co., Roma, Lisbon, 146 bls. rags.

Equitable Trust Co., East Side, Bordeaux, 75 bls. rags.

Wilkinson Bros. & Co., by same, 273 bls. rags.

A. Salomon, Inc., by same, 197 bls. rags.

Old Colony Trust Co., by same, 41 bls. waster.

National City Bank, by same, 21 bls. bagging.

Albion Trading Co., Defiance, London, 212 bls. rags.

S. Rawitzer, Anglo Egyptian, Liverpool, 15 bls. rags.

E. Butterworth & Co., San Pablo, Glasgow, 69. bls. rags.

E. Butterworth & Co., by same, 146 bls. paper stock.

L. H. Abenheimer, by same, 84 bls. bagging.

Parsons & Whittemore, by same, 67 bls. paper stock.

Castle, Gootheil & Overton, by same, 181 bls. paper stock.

D. M. Hicks, by same, 37 bls. rags.

D. M. Hicks, by same, 45 bls. bagging.

Castle, Gootheil & Overton, La Ferouse, Havre, 91 bls. rags.

E. J. Keller Co., Jefferson County, Smyrna, 998 bls. rags.

Irving National Bank, Port Hacking, London, 166 bls. bagging.

Arrowhead Mills, by same, 186 bls. bagging.

E. J. Keller Co., Volumnia, London, 413 bls. bagging.

E. J. Keller Co., Albanset, Lisbon, 181 bls. rags.

E. J. Keller Co., New York, Southampton, 812 bls. bagging.

E. J. Keller Co., Vaarli, Valencia, 246 bls. gunny bagging.

Castle, Gootheil & Overton, Hatteras, 434 bls. rags.

TO SAN FRANCISCO, VIA NEW YORK.

Chas. Halsey & Co., Dewey, London, 317 bales rags.

OLD ROPE.

E. J. Keller Co., Stavangerfjord, Kristiania, 55 coils.

E. J. Keller Co., Toronto, Hull, 143 coils.

Bemia Bros. Bag Co., by same, 121 coils.

International Purchasing Co., by same, 814 coils.

N. Y. Card Co., Toronto, Antwerp, 100 coils.

International Purchasing Co., Roma, Lisbon, 60 coils.

International Purchasing Co., Lamland, Antwerp, 166 coils.

International Purchasing Co., Grecian Prince, Havre, 87 coils.

E. J. Keller Co., Ellenia, Catania, 73 coils.

International Purchasing Co., Wynooche, Antwerp, 148 coils.

E. J. Keller Co., Stockholm, Gothenberg, 33 bls.

E. J. Keller Co., Lackawanna Valley, Stockholm, 42 bls.

E. J. Keller Co., Hatteras, Barcelona, 97 bls.

Castle, Gootheil & Overton, Hatteras, 248 bls.

WOOD PULP.

E. M. Sergeant & Co., Stavangerfjord, Kristiania, 720 bls.

New York Overseas Co., Inc., by same, 600 bls.

PHILADELPHIA IMPORTS

WEEK ENDING MARCH 27, 1920.

Castle, Gootheil & Overton, Manchester-Chipper, 482 bls. rags.

SOME WISCONSIN MILLS CLOSED

(Continued from page 24)

night. The men sought to recover their railroad fare and expenses of the trip in addition to the loss in wages. The men alleged they did not know of the strike until they reached Stevens Point, near Port Edwards. Several other suits growing out of the strike are still pending in the court.

Installing New Paper Machine

Installation of a new paper machine has been started at the Bergstrom Paper Company's mill at Neenah. The new machine, which will be devoted exclusively to the manufacture of book paper, will turn out a roll 156 inches wide, but it is planned to split the product into two rolls trimmed at 73 inches. The machine was manufactured by the Beloit Iron works at Beloit, Wis.

Escanaba Paper Co. to Build Dam

The Escanaba Paper Company of Escanaba, Mich., will proceed at once with the construction of another power dam on the Escanaba river which will cost approximately \$1,000,000. The

river's fourth dam will be located at Boney Falls, about 18 miles above Dam No. 3 at Chandler's Falls. The proposed dam will develop about 6,000 horsepower to be placed at the disposal of the paper company and other industries in Escanaba.

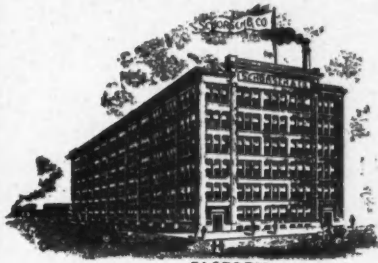
Japanese Government Wants Paper

A representative of the Japanese government is endeavoring to close a contract with the Menasha Paper Company at Ladysmith, Wis., for a supply of paper to be sent to Japan where it will be converted into mouthpieces for cigarettes. The Jap concern desires to enter into a three year contract by which the company agrees to ship 600 tons of paper a month.

Thirty-day Safety Contest

Employees of the Niagara mill of the Kimberly-Clark Paper Company through its Foreman's Club, has challenged employees in the Kimberly mill to a thirty day safety contest. Details are now being worked out by Mr. Hoyman, safety director for the Kimberly-Clark Company. The mill finishing the thirty days with the smallest number of days lost through accident and smallest number of accidents will be called the winner.

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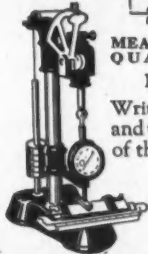
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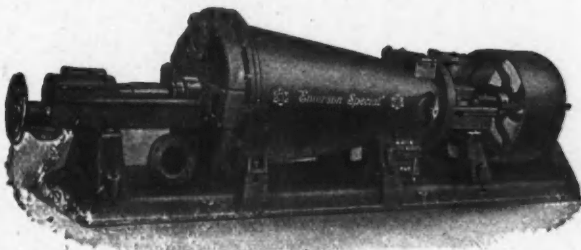
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does its work with half the power required by others of no
greater capacity. WRITE FOR DETAILS

Miscellaneous Markets

Office of the PAPER TRADE JOURNAL,
WEDNESDAY, March 31, 1920.

ALUM.—Demand for alum has fallen off within the past week, but because of the limited amount of this chemical manufactured, there is no accumulation of stock. The market was reported as quiet, but prices remain the same, namely: lump 4 cents, ground 4.25 cents, and powdered 4.50 cents.

BLANC FIXE.—A rather strong demand was reported in the blanc fixe market for the past week, with somewhat of a scarcity, but the condition in this field could not be called acute. Prices have not generally changed, being, dry \$90 and pulp \$70 the ton, f.o.b. works.

BLEACHING POWDER.—Freight cars were more plentiful at the mills handling this product last week, but the continued heavy demand is all but appeased, owing greatly to the fact that there are no surplus stocks on hands. A slight increase in quotations was noted, carload lots selling for 4.25 cents in drums, f.o.b. works.

BRIMSTONE.—This product being for the most part contracted for, showed no market changes over last week's report as for the past few months. Prices seem fairly fixed at \$18 and \$20 the ton.

CASEIN.—The freight car situation has been the chief trouble with which the casein dealers have had to contend in the past, and this, within the past week has to some extent improved. This commodity remained within a range of 15@16 cents, the pound.

CAUSTIC SODA.—Plants handling this commodity are sold out for some time to come. Demand is very strong in this market, and the export demand which is quite heavy, is thought by some to be largely responsible for the shortage in this field. Quotations for contract are around 6 cents, and spot carloads, if available, are selling at from 6@6.50 cents.

CHINA CLAY.—Demand for clay continued strong last week, but weather conditions in the south are much improved, and it is estimated that Southern mines will, within several weeks be able to resume a more normal output. English mines are still some months behind in their production and little is coming over, while the car supply in the South is reported much better. Quotations per ton are: Crude \$8@10, washed \$10@12, and powdered \$12@15.

ROSIN.—Rosin is scarce in the North, due to the Boston and New York longshoremen's strike, Southern labor trouble having lately abated. Prices quoted last week in this field are effective after the strike. They are: Grade E, \$19.50; grade F, \$19.55; and grade G, \$19.60 for 280 pounds, f.o.b. New York.

SODA ASH.—Soda ash continued in strong demand last week and there was an actual scarcity of this product in the market. Coal has been reaching the plants in altogether too small quantities, and this may be said to be one of the main reasons for the scarcity in this field. Quotations for soda ash 48 per cent were 2.40@2.50 cents per pound, f.o.b. works.

SULPHATE OF ALUMINA.—Efficient labor and raw materials are scarce at the plants turning out this product, and while demand was reported good during the past week, there has been no appreciable change in quotations.

STARCH.—The demands of the paper mills for starch continued comparatively light. Quotations given by dealers, freight prepaid to New York, in carload lots, per 100 pounds, are: Pear starch in bags, \$4.97, in barrels, \$5.29; powdered starch in bags \$5.12, in barrels, \$5.44; and Crystal T. B. starch, No. 90 fluidity, machine packed, in bags, \$6.02, in barrels, \$6.38.

TALC.—Talc dealers reported that more box cars were available last week, but they are still far behind in their deliveries. Demand is strong in this market, and exporting is fairly active.

Market Quotations

(Continued from page 63)

No. 1 Soft White	5.25	@	5.30
No. 2 Soft White	3.00	@	3.25
No. 1 Mixed	2.25	@	3.00
No. 2 Mixed	1.75	@	1.80
Solid Ledger Stock	3.25	@	3.60
Writing Paper	3.25	@	3.40
No. 1 Books, heavy	3.58	@	3.60
No. 2 Books, light	2.25	@	2.50
No. 1 New Manila	3.00	@	3.25
No. 1 Old Manila	2.00	@	2.10
Container Manila	1.70	@	1.75
Old Kraft	3.00	@	3.25
Overissue News	1.75	@	2.00
Old Newspaper	1.50	@	1.75
No. 1 Mixed Paper	1.45	@	1.50
Common Paper	1.20	@	1.25
Straw Board Chip	1.25	@	1.40
Binders' Bd. Chip	1.25	@	1.45
Domestic Rags	—	@	—
New			
Price to Mill, f. o. b. Phila.			
Shirt Cuttings—			
New White, No. 1	19	@	19 1/2
New White, No. 2	12 1/2	@	13
Silesias, No. 1	12.25	@	12.75
New unbleached	15.25	@	16.25
Washables	10.75	@	11.00
Fancy	12.25	@	13.00

Cottons—according to grades—			
Blue Overall	11.25	@	12.25
New Blue	8.50	@	9.00
New Black Soft	6.75	@	7.00
New Light Sec-			
onds	7.00	@	7.25
Khaki Cuttings	7.25	@	7.75
Corduroy	6.75	@	7.25
New Canvas	14	@	14.50
New Black Mixed	5.25	@	5.75
Old			
White, No. 1—			
Repacked	13.00	@	13.50
Miscellaneous	10.50	@	10.75
White, No. 2—			
Repacked	7.00	@	7.50
Miscellaneous	6.00	@	6.50
Thirds and Blues—			
Repacked	5.25	@	5.50
Miscellaneous	4.00	@	4.25
Black stockings	4.87	@	5.00
Roofing Stock—			
No. 1	3.25	@	3.50
No. 2	3.15	@	3.40
No. 3	2.25	@	2.50
No. 4	3.00	@	3.25
No. 5A	3.00	@	3.25
B	2.75	@	3.00
C	1.50	@	1.60

BOSTON

[FROM OUR REGULAR CORRESPONDENT]

Paper			
Bonds	.15	@	—
Ledgers	.18	@	—
Writings—			
Superfine	.20	@	—
Fine	.20	@	—
Books S. & S. C.	.13	@	—
Book, M. F.	.12 1/2	@	—
Book, Coated	.14	@	—
Label	.14 1/2	@	—
News Sheets	.09 1/2	@	.09
News, Rolls	.08	@	.08 1/2
Manilas—			
No. 1 Manila	.09	@	.09 1/2
No. 1 Fibre	.08	@	.08 1/2
No. 1 Jute	.14	@	.14 1/2
Kraft Wrapping	.12	@	.13
Common Bogus	.04 1/2	@	.05
These prices are f. o. b. mill.			
Chip Board (ton)	102.50	@	—
Straw Board (ton)	—	@	—
News Board (ton)	107.50	@	122.50
Wood Pulp Board	—	@	—

Old Papers

Shavings—			
No. 1 Hard White	6.50	@	7.00
No. 1 Soft White	5.50	@	5.75
No. 1 Mixed	3	@	3 1/4
Ledger and Writings			
ings	3.50	@	4.00
Solid Books	3.50	@	4.00
Blanks	2 1/2	@	2 1/4
No. 2 Books, light	2.75	@	3.00
No. 1 Manila	2.50	@	—
No. 1 Manila	2.00	@	2.50
Folded News (over-			
issues)	2.50	@	3.00
Old Newspapers	1 1/4	@	2
Mixed Paper	1.60	@	1.75
Gunny Bagging	3.50	@	4.00
Manila Rope	7.50	@	7.75

TORONTO

[FROM OUR REGULAR CORRESPONDENT]

Paper			
(Mill Prices to Jobbers)			
Bond—			
Sulphite	15 1/2	@	—
Light tinted	16 1/2	@	—
Dark tinted	18	@	—
Ledgers	18	@	—
Writing	13 1/2	@	—
News, f. o. b. Mills—			
Rolls (carloads)	4.00	@	—
Sheets (carload)	4.60	@	—
Sheets (l. c. l.)	4.75	@	—
Book—			
No. 1 M. F. (car-			
loads)	11.00	@	—
No. 2 M. F. (car-			
loads)	10.85	@	—
No. 3 M. F. (car-			
loads)	9.75	@	—
No. 1 S. C. (car-			
loads)	11.50	@	—
No. 2 S. C. (car-			
loads)	11.25	@	—
No. 1 Coated and			
litho.	13.75	@	—
No. 2 Coated and			
litho.	12.75	@	—
No. 3 Coated and			
litho.	12.00	@	—
Coated and litho.			
colored	14.00	@	18.00
Wrapping—			
Grey	6.50	@	—
"B" Manila	6.75	@	—
No. 1 Manila	8.50	@	—
Fibre	8.50	@	—
Kraft, M. F. or			
M. G.	10.50	@	—

Sulphite, easy bleach-			
ing	105.00	@	110.00
Sulphite, news grade	82.00	@	90.00
Sulphite, bleached	130.00	@	140.00
Sulphite	115.00	@	120.00

Old Waste Papers

(In carload lots, f. o. b. Toronto)			
Shavings—			
White Env. Cut.	5.00	@	—
Soft White Book	5.00	@	—
Shavings	5.00	@	—
White Elk News	3.00	@	—
Book and Ledger—			
Flat Magazine and			
Book Stock (old)	3.50	@	—
Light and Crum-			
pled Book Stock	2.50	@	—
Ledgers and Writ-			
ings	3.50	@	—
Solid Ledgers	3.00	@	—
Manilas—			
New Manila Cut.	3.00	@	—
Printed Manilas	1.75	@	—
Kraft	3.50	@	—
News and Scrap—			
Strictly Overissue	1.30	@	—
Folded New	2.00	@	—
No. 1 Mixed Pa-			
pers	1.40	@	—
Domestic Rags—			
Price to mills, f. o. b. Toronto.			
Per lb.			
No. 1 White shirt cuttings	.20		
No. 2 White shirt cuttings	.13 1/2		
Fancy shirt cuttings	.13 1/2		
No. 1 Old whites	10	@	11
Thirds and blues	.05 1/2		
Per cwt.			
Black stockings	4.50		
Roofing stock No. 1	4.25		
Roofing stock No. 2	4.00		
Gunny bagging	4.00		
Manila rope	7.50		

Pulp

(F. o. b. Mill)			
Ground Wood	65.00	@	—

The Mathieson Alkali Works (Inc.)

General Offices

25 West 43rd Street

New York City

Works
Niagara Falls, N. Y.

Works
Saltville, Va.

“EAGLE THISTLE” BRAND OF PRODUCTS

Bleaching Powder

Highest Test Manufactured

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

Special wooden lined drums for export.

Liquid Chlorine

100% pure, anhydrous, in improved 100 lb.—150 lb.—2,000 lb. containers.

Soda Ash

58 per cent, both light and dense shipped in bulk—Bags and Barrels
Special packages for export.

Caustic Soda

Solid—Ground—Flaked

60%—70%—72%—74%—76%—78% Grades.

The electrolytic 78% Grade, analyzing 99.70% Hydrate of Soda, purest caustic made.

Bicarbonate of Soda

Packed in Cases—Bags—Barrels—Kegs

If you have a problem to solve write us and get the advantage of our
Technical Department.

WANT AND FOR SALE ADVERTISEMENTS

HELP WANTED

CLASSIFIED RATES

Minimum rate for advertisements of 25 words or less, first insertion \$1.00.

Situation Wanted, 4 cents a word for first insertion and 2 cents a word for each subsequent insertion of same ad. No ad of less than 25 words accepted.

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

When answering advertisements, please address the Box Number given in ad.

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

WANTED—Beaterman experienced on tissues; good opportunity in large, first-class tissue mill. Address, Box 2056, care Paper Trade Journal. A-1

WANTED—Salesman and executive to take charge of Eastern Office of coarse paper house. One having good knowledge of mill shipment business on Kraft, Glassines and coarse papers in general. A fine opportunity for the right man. Applications considered strictly confidential. Address, Box 2054, care Paper Trade Journal. A-1

WANTED—Cylinder machine tender on fine tissue mill located in central state. Living conditions ideal. Give experience and references. Address, Box 2055, care Paper Trade Journal. A-1

MECHANICAL ENGINEER WANTED—One thoroughly experienced in Sulphite Pulp Mill, to take charge of mill maintenance and upkeep, for Canadian Mill. State age, married or single, salary expected. Furnish full details of present and past employment and enclose copies of testimonials. Address, Box 2074, care Paper Trade Journal. A-1

SULPHITE SUPERINTENDENT WANTED—Applicant must have thorough practical knowledge of Sulphite Mill operations. Mill located in Canada. State age, married or single. Salary expected; furnish full details of present and past employment and enclose copies of testimonials. Address, Box 2075, care Paper Trade Journal. A-1

MACHINE TENDER WANTED at once—experienced on both Board and Fourdrinier Machines, in paper mill in southern New England, operating on two tours. In reply state qualifications, references, wages expected and how quickly you can report. Address, Box 2078, care Paper Trade Journal. A-1

WANTED—Experienced Embossing Machine Tender and Platerman. State wages wanted and when could report for work. Address, Box 2059, care Paper Trade Journal. A-1

WANTED for two machine mill in New York State, making Felt Papers, a live wire, practical tour boss; good chance for one who can handle help and get production. Address, Box 2080, care Paper Trade Journal. A-1

WANTED—New Company manufacturing waxed paper has some territory open to live representatives on commission only. Will consider brokers wishing to add profitable side line. Address, Box 2101, care Paper Trade Journal. A-1

SALESMAN—New York City territory. One thoroughly familiar with Glassine consuming trade particularly and generally well versed in coarse papers. Address, Box 2104, care Paper Trade Journal. A-8

WANTED—Strictly non union Back Tender and Third Hand on Test Container Machine, all rolls. Give age and full experience in first letter. Wages \$4.40 and \$5.50 per day. Address, Box 2106, care Paper Trade Journal. A-1

HELP WANTED

WANTED—Millwright for one five cylinder board machine located in Conn. Must be a first class man in every respect. State experience, reference and salary desired. Address, Box 2107, care Paper Trade Journal. A-8

WANTED—Two good paper mill millwrights. No other need apply. Good wages. Good living conditions. Apply, Engineering Department, Spanish River Pulp and Paper Mills, Espanola, Ontario, Canada. A-1

WANTED—An A-1 Board Mill Millwright, and helper. Must be all around men and not afraid of work. Married men preferred. State experience, age and references. Address, Box 2122, care Paper Trade Journal. A-8

WANTED—A first class cylinder machine tender to run high grade tissue in three machine mill, paying good wages and where living expenses are far below the average. Moving expenses paid. Address, Box 2123, care Paper Trade Journal. A-15

DRAFTSMAN—Experienced on pulp and paper mill layouts and construction work; also general engineering. Location, New York City. Address, Box 2128, care Paper Trade Journal. A-8

WANTED—Backtenders, machine help, thirdhands, laborers for Board Mill. Married men preferred; good living conditions. Address, Box 2129, care Paper Trade Journal. A-8

WANTED—A first-class cylinder machine tender to run high grade tissues in three machine mill, paying good wages where living expenses are far below the average. Moving expenses paid. Address, Box 2130, care Paper Trade Journal. A-22

WANTED—Machine Tenders, Back Tenders, and Machine Help for Cylinder and Fourdrinier Machines. Mill situated in Ohio. Highest wages paid. Address, Box 2131, care Paper Trade Journal. A-1

WANTED—First-class Machine Tender for 5-Cylinder Machine making News Board, Manila Lined and Special Lined Boards. Wages 85c per hour. Three (3) tours. Good town and locality. Address, Box 2132, care Paper Trade Journal. A-1

WANTED—One A-1 Paper Mill Millwright in two tour mill. Must be familiar with all kinds of work in both sulphite and paper mill. Permanent position for right man. Address, Box 2133, care Paper Trade Journal. A-8

WANTED—First class Beaterman familiar with greaseproof specialties. Good wages for right man. Address Box 2097, care Paper Trade Journal. A-8

WANTED—One first class Machine Tender with experience on running greaseproof specialties. Good wages for right man. Address, Box 2098, care Paper Trade Journal. A-8

WANTED—Master Mechanic with paper mill experience to take charge of mechanical department of a large paper mill. Must be reliable man of good habits, and able to assume full responsibility for renewal and repair work, as well as suggest plans and make sketches for new construction. Man having these qualifications will be well paid, provided results obtained are satisfactory. Address, Box 2099, care Paper Trade Journal. A-1

SITUATIONS WANTED

PAPER SALESMAN, NEW YORK CITY, can produce large volume of business. Wishes connection with Mill Agency Company or Mill. Substantial drawing account on commission basis. Address, Box 1916, care Paper Trade Journal. F-15

SUPERINTENDENT with eighteen years' practical mill experience open for position, has had wide experience on all grades of Fourdrinier papers, is expert papermaker and can furnish references. Address, Box 2065, care Paper Trade Journal. A-1

EXPERT PAPERMAKER open for position as Superintendent with some progressive concern. Competent to handle all grades and colors; also production and quality. Can give A1 references. Address, Box 2066, care Paper Trade Journal. A-1

WANTED—Position as mill or sales manager or executive or as assistant to some one holding such a position. More than twenty-five years' experience, covering a wide range, in large and small plants, making regular lines and specialties. Address, Box 2067, care Paper Trade Journal. A-1

POSITION WANTED—Superintendent, experienced in every detail of construction and operation of Ground Wood Mills. Capable of assuming full charge. Best references. Address, Box 2073, care Paper Trade Journal. June

WANTED—By middle aged man, position as Superintendent. Familiar with all kinds of Boxboards, Wood and Chip Mill Wrappers and Building Papers; an all around mill man who can get results. Address, Box 2016, care Paper Trade Journal. A-1

BOSS FINISHER and production man of wide experience, initiative and tact, desires position which requires a man who will assume responsibility and can produce results. Address, Box 2082, care Paper Trade Journal. A-8

SUPERINTENDENT desires to make a change. Am well up-to-date on all grades of board. Can handle help and get production. Can arrange for quick change. Address, Box 2088, care Paper Trade Journal. A-15

SITUATIONS WANTED—Paper Mill Superintendent open for engagement. Thoroughly familiar with fine or coarse paper. Would come and talk it over on short notice. First class reference. Address, Box 2110, care Paper Trade Journal. A-8

WANTED—Position as Manager of Box Board Mill, making either Straw, Chip, News or Combination Box Board. Reference as to ability and reliability given. 22 years' experience as manager. Address, Box 2111, care Paper Trade Journal. A-1

WANTED—A reliable jobber or manufacturer who is interested to secure the services of a high class man with many years' experience selling printing paper. Possesses good knowledge of all grades and familiar with product of most mills. Capable of taking charge sales end. Address, Box 2113, care Paper Trade Journal. A-1

POSITION WANTED as Lead Burner and Acid Maker in a large Pulp Mill. Have 16 years' experience. Address, Box 2124, care Paper Trade Journal. A-1

A PRACTICAL SUPERINTENDENT with fifteen years' experience in paper making desires to make a change. Up-to-date on all grades of box board, test board a specialty. Reference furnished concerning ability and character. Address, Box 2017, care Paper Trade Journal. A-8

SUPERINTENDENT wants position. Has long time experience on all grades of tissue, roofing and building papers, wrappers, news or manila. Best of references. Address, Box 2070, care Paper Trade Journal. A-1

SITUATIONS WANTED

YOUNG MAN, 27, who has had unusual experience in the manufacture, finishing and sale of Glassine and Greaseproof Papers, desires position with mill contemplating manufacture of the above grades, or now making. Address, Box 2022, care Paper Trade Journal. M

POSITION WANTED as Manager, Assistant Manager or similar executive position or selling. Thoroughly experienced in manufacturing and the office including buying, production, schedules and handling of sales Bond Papers, Sulphite Bonds, and Specialties. Superintendent's position not desired. The best of references. Address, Box 2039, care Paper Trade Journal. M-25

SITUATION WANTED — Superintendent wishes to make a change, 14 years' experience as Superintendent of a loft dried mill on weddings, bonds, ledgers and index bristols. Best of references. Address, Box 2108, care Paper Trade Journal. A-15

WANTED—Position as General Superintendent by man with years of experience in the manufacture of high grade light weight specialties, also colors. Can maintain, operate and get production. Six years with present company. Will be pleased to furnish references. Address, Box 2085, care Paper Trade Journal. A-8

SITUATION WANTED by a practical mill manager and superintendent on tissues, all grades, both cylinder and fourdrinier. Address, Box 2036, care Paper Trade Journal. A-8

MANAGING SUPERINTENDENT desires position; fifteen years practical experience on tissues and all grades, specializing in specialties. A No. 1 on colors. My experience has been wide in construction and remodeling mills for increased tonnage. Best of references furnished on request. Address, Box 2089, care Paper Trade Journal. A-1

COATING MILL SUPERINTENDENT, now Employed, wishes to make a change. Twenty-two years of practical experience on all grades of coated papers. Reply to Box 2115, care Paper Trade Journal. A-22

FOR SALE

- BEATERS**—One 61"x48", five Jones, one Downingtown, two Horne, one 60"x60", several 73"x44", two Claflin Refining Engines.
- BED PLATES**—Circled to diameter of roll.
- CALENDERS**—One 7 roll stack 72" face, two 9 roll stacks 72" face, one 9 roll 63" face, one 9 roll 34" face.
- COATERS**—Two 56" Waldron coaters.
- CUTTERS**—Two 45" Finlay cutters newly rebuilt with brand new Hamblet expansion pulley drive, 36" Sanborn cutter, 38" guillotine cutter.
- CYLINDER MOULDS**—One 30"x54", one 30"x64", both rebuilt, ready for quick shipment. One new 30"x92".
- DRIVES**—One Reeves No. 4, Class E, one Reeves No. 9, Class E, one Moore & White No. 10.
- DRYERS**—4 36"x54", 8 36"x62", 7 48"x 105", 3 36"x66", 1 36"x76", 1 34"x120", also twenty brand new shells 48"x96", and ten new shells 48"x102".
- EVENERS**—Two Mellor eveners.
- JORDANS**—1 Mammoth Jr., several Emerson and Horne type Jordans.
- MACHINES**—One 3 cylinder machine for 54" trim, 23" dryers, one 72" Harper fourdrinier.
- PULLEYS**—One 37" dia., 34" face, double arm, modern pulley. One set cone pulleys, 40"x31"x83" face. One set cone pulleys, 40"x31"x78" face. Also large stock of iron pulleys including some cone pulleys for Marshall drives. New wood pulleys with friction clutches.
- PUMPS**—One dry suction pump, single vacuum, 1 1/2"x2 1/2" Knowles, one 1,000 gallon Blake tank pump, several 7" and 8" Lawrence Machine Company, Class A, high duty pumps; fan pumps, new stock pumps, single and double.
- PRESS ROLLS**—Large number of different sizes on hand. Some suitable for rubber covering.
- ROTARIES**—One 14" Globe, one 44"x23" horizontal in good condition, ready for immediate shipment.

MILLS MACHINE COMPANY
LAWRENCE, MA 96

SITUATIONS WANTED

SITUATIONS WANTED—Experienced paper and envelope salesman, age 33, trade in New York and New Jersey, wants position first class house; commission with drawing account preferred. Employed. Address, Box 2114, care Paper Trade Journal. M-25

POSITION WANTED as Superintendent Calender Foreman. Sixteen years' experience in Super coated and frictions. Seeks connection with first class mill requiring the services of an A-1 man. Address, Box 2116, care Paper Trade Journal. A-1

POSITION WANTED as Manager. Thoroughly experienced in both office and Manufacturing of Test and Combination Boards. Also roofing felts. Address, Box 2036, care Paper Trade Journal. A-1

POSITION WANTED—As Master Mechanic and Chief Engineer in charge of steam and electrical and mechanical equipment. No job too big. I am thoroughly acquainted with paper mill work and can bring plant up to the highest efficiency, and produce the largest amount of finished product per unit. Address, Box 1978, care Paper Trade Journal. F-24

THE UNITED STATES GYPSUM COMPANY is increasing the capacity of their mill at Gypsum, Ohio, from 30 tons to 50 tons per day. Machine Tenders, Beatermen and stock men are wanted at once. This is an up-to-date Chip Paper Mill. Address, G. L. Hann, Supt. Gypsum, Ottawa County, Ohio. Mch-lyr

POSITION WANTED—Super-Calendar man, married, with fifteen years experience in nearly all grades of paper, desires position. First-class references furnished. Address, Box 2134, care Paper Trade Journal. A-1

YOUNG MAN, 21, Paper Bags, 5 years' experience in office of large manufacturer, seeks position with unlimited opportunities. General knowledge of line. At present employed. Will leave New York for attractive proposition. Address, Box 2135, care Paper Trade Journal. A-8

A YOUNG, AMBITIOUS MAN, with nine years' experience accounting, costfinding, production, analysis and control systematizing and office management, desires opportunity in New England States. Practical man with experience in various lines of industry, as chief accountant, office manager, comptroller and systematizer. Can make good if given opportunity. Reasonable salary. Address, Box 2136, care Paper Trade Journal. A-8

WANTED—A position as paper finisher or cutterman. Ten years' experience. Address, Box 2137, care Paper Trade Journal. A-3

POSITION WANTED

As Manager or General Superintendent At present employed, but not suited. Have had remarkably wide experience in charge of larger mills. Expert in the manufacture of News, Ground Wood and Sulphite Pulp. Some experience in Sulphate and Soda. Expert in manufacture of Special Boards, Test, Newsboard, Chip, Fibre, Jute Combination, Pulp, Container and Manila and Colored Boards. Also wide experience on Water finished papers, Kraft, Hanging, Bag and Tissue. Possessed of up to date knowledge of latest and most economical methods of manufacture. Have been in full charge of building and remodeling and starting some of the largest mills. After 30 years making Pulp and Paper, 20 years in charge of first-class Mills, know I am master of details of manufacture for large and economical production and maintenance of quality, being capable, experienced, cool, energetic, of excellent judgment and forceful initiative. Splendid record and highest references. Am sure I am just the Mill Executive some progressive Pulp and Paper company need in this intense manufacturing period and time of expansion. Will make your business my only object. Communications confidential. Address, Box 2137, care Paper Trade Journal. A-1

SITUATIONS WANTED

COATED PAPERS—Boss Finisher, experienced, Book and Litho, Glazed and Surface Coated Specialties. Would like position. Understand friction and super calenders. Address, Box 2138, care Paper Trade Journal. A-15

WANTED—Position as superintendent of Board Mill. At present employed. Experienced on all grades of Boards. Progressive; can obtain maximum results at minimum cost, always maintaining labor harmony. Best references. Address, Box 2139, care Paper Trade Journal.

WANTED

Straight Fourdrinier Paper Machine, 80" wide, or more, with about a 45' wire. Give full particulars and state how long in use. Address, Box 1942, care Paper Trade Journal. T. F.

YOUR OPPORTUNITY

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

FOR SALE

- FOURDRINIER PARTS:** One 72" with Pusey & Jones U shake.
 - DRYERS:** Three 48"x149"; four 48"x111"; nine 48"x96"; eight 36"x82" (two copper); five 36"x80"; two 36"x54"; four 28"x62".
 - MACHINE CALENDERS:** One 108" four roll; two 82" nine roll; one 74" five roll; one 72" seven roll; one 63" five roll; one 48" five roll; one 37" five roll.
 - SUPER CALENDERS:** One 62" Norwood; two 45" Holyoke; two 42" Holyoke; one 36" Holyoke (five iron rolls).
 - SLITTERS & WINDERS:** 2 142" Pusey & Jones two drum; 1 127" Kldder; 1 90" Pusey & Jones dingle drum; 1 84" Langston (new); 1 74" Pusey & Jones two drum; 1 40" Langston.
 - PAPER SHEET CUTTERS:** 1 108" Horne; 1 104" Horne; 1 84" Beloit; 1 72" Clark; 1 60" Finlay; 1 50" Hamblet; 3 48" Finlay; 1 45" Finlay; 2 42" Finlay.
 - REAM CUTTERS:** 1 55" Seybold 20th Century; 2 60" Sheridan; 1 36" Sheridan.
 - BEATERS:** 2 72"x54" Dillon; 2 60"x60" Downingtown iron tub; 2 50"x52" Downingtown iron tub; 1 52"x52" Emerson; 1 48" x 66" Umpherston; 4 42"x40" Boston; 1 32"x34" Emerson.
 - JORDANS:** 1 Dillon No. 1; 1 Horne Standard; 1 Smith & Winchester Standard; 1 Emerson Pony.
 - PUMPS:** Stuff; 1 Goulds 9"x12" triplex; 1 Deane 3"x3" triplex; 2 R. B. & F. 6"x12" Fan; 2 8" Lawrence Vortex; Centrifugal; 2 10" Worthington; 2 8" Wood.
 - SCREENS:** 1 14 plate Packer with plates; 2 12 plate packer; 1 Moore & White Rotary with aux.; 1 Volth; 3 Baker & Shevlin Centrifugal.
 - WET MACHINES:** 4 Sandy Hill 84"; 1 Bagley & Sewall 72" hydraulic; 2 63" Black & Clawson.
 - CYLINDER MOLDS:** 1 48"x102"; 1 36"x119"; 1 30"x84"; 1 36"x76"; 1 36"x75"; 1 30"x74"; 2 30"x49"; 2 30"x48".
 - ENGINES:** 1 200 H.P. Ball Variable Speed late type; 2 Ball 16"x20"; 2 Ball 13"x16"; 1 Fishkill Corliss 18"x48"; 1 Harris Corliss 10"x24"; 2 Ball 10"x10".
 - 1 50" Sheet Pasting outfit with press.
 - 1 Hydraulic Press, platens 60"x36", 12" ram.
 - 1 Board Calender Horne 18"x48".
 - 1 No. 3 and 1 No. 9 Reeves Drive.
- FRANK H. DAVIS COMPANY,**
175 Richdale Ave. Cambridge, Mass.

FOR SALE

FOR SALE—Practically new Grissinger Towel Machine—handles 92" rolls, equipped to make three size towels. Bargain. Address, Box 2118, care Paper Trade Journal. A-1

FOR SALE—48" Kidder Special Model C. H. 2 rewinding shafts, center wind slitter and rewinder. Sixteen complete sets of rotary Shear Cutters, suitable for slitting either weights of gummed or ungummed material of cloth or paper from 3/4" wide up. Price \$1,900.00 f. o. b. Mass. Address, Gibbs-Brower Co., 261 B'way, New York City. Phone Barclay 8020.

FOR SALE BINDERS and Leather Board Mill, steam and about 250 H.P. of water power, located in Conn. Address, Box 2693, care Paper Trade Journal. A-1

FOR SALE—1 Knowles Duplex Steam Pump, size 7 1/2 x 5 x 6. 1 Valley Iron Works Shredder (new). 1 Fan Duster. 1 heavy Iron Split Pulley, double spokes, 24" face, 86" diameter, 6 1/16" bore. 1 Upright Belt Driven Triplex Plunger Pump, size 6 x 8. Address, Box 2140, care Paper Trade Journal. A-8

EXCELLENT OPPORTUNITY FOR A PAPER MILL

The undersigned company makes continuously 130 cords of wood waste per day from Spruce, Hemlock and Fir. The greater part of this material is suitable for chemical pulp production. Free water, cheap sawdust fuel and very reasonable electric power rates available. Excellent shipping facilities to all parts of the world. Write for further information to

WESTERN COOPERAGE CO.,
Portland, Oregon. tf

MISCELLANEOUS

WANTED AT ONCE, all or any part of the following articles. New or Second Hand. One cylinder mold, 130" face, 36" to 48" dia. Eight dryers, 96" face, 48" dia. Complete with frames and gears. Five dryers, 120" face, 48" dia. Complete with frames and gears. Single deck if possible. One couch roll, 120" face, 14" to 16" dia. Two press rolls, 120" face, 14" to 16" dia. One brass covered and one rubber covered. One winder, Double or single drum, 120" wide. One set reels, 96" wide. One set reels, 120" wide. One small stack calenders 96" wide. One double plunger stuff pumps; 6" to 8" dia. plunger. One Jordan Engine, 1800 pounds per hour. One fan pump, 8" suction, 6" discharge. One set of first press frames, open sided housings. Marley Paper Mfg. Co., Childs, Cecil Co., Maryland. A-8

PAPER MILL WANTED—The advertiser would buy a paper mill located in the East making Book and Newsprint Papers. Replies treated confidentially. Principals only. Address, Box 1927, care Paper Trade Journal.

MISCELLANEOUS

FOR SALE—50" Beloit sheet liner. Complete. Has not been run much. 5 dryers. Extra dryer felt. Piermont Paper Ck. Co., Piermont, N. Y. tf

WANTED—Ten 36" x 72" Dryers complete with or without frames, gears and stuffing boxes. In answering please say what you have and state price and other details. Address, Box 2069, care Paper Trade Journal. tf

FORMER SALES MANAGER would represent reliable mill on a commission basis. Also buying experience. Unquestionable references. P. O. Box 1145, City Hall Station, New York City. A-23

CLARK MFG. CO., 79 Merrick Ave., Holyoke, Mass. Manufacturers of Cylinder Molds, Dandy Rolls, all kinds of water marks, Wood Felt Rolls, Wood Press Rolls, Tube Rolls, Shower Pipes. We cover your Cylinders at the mill on short notice, or in our shop. We put them on tight.

WANTED

Paper Mill with or without buildings, cylinder machine. Trim 64" to 72" or quantity of dryers, winder and wet end same width. State location and make. Address, Box 2141, care Paper Trade Journal. tf

WANTED

TO PURCHASE IN JUMBO ROLLS 10 POUND TISSUE, 13 AND 18 POUND CREPE FOR TOILET PAPER PURPOSES. ADDRESS, BOX 2141, CARE PAPER TRADE JOURNAL. A-1

FIBRE BOARD MILL FOR SALE IN NEW ENGLAND

Brick building 40 acres of land; six tenements; mill 50 yards from railroad; 200 H.P. water power, also steam; three Beating, one Refining Engines, Washers and Rotary Boiler; two Noble and Wood 50-inch wet machines. Production approximately 5 to 6 tons in 24 hours. Good proposition, price reasonable.

GIBBS-BROWER COMPANY

Paper and Pulp Mill Brokers
No. 261 Broadway, New York City
Telephone—Barclay 8029
OUR MOTTO—"Service First."

EXCEPTIONAL OPPORTUNITY! Wrapping Paper Mill in New York State.

Modern up-to-date mill with buildings of brick and concrete construction, suitable for running stock heavy enough for use in manufacturing paper cans, etc.; production 20 tons in 24 hours. Railroad siding at mill, splendid steam equipment, also water 200 H. P. nine months in the year. Ample beating capacity; two 48-inch cylinders, 12 dryers each, 48-inch in diameter. Do not fail to investigate this mill.

GIBBS-BROWER COMPANY

Paper and Pulp Mill Brokers
No. 261 Broadway, New York City
Telephone—Barclay 8029
OUR MOTTO—"Service First."

UNUSUAL PROPOSITION! BOARD MILL IN NEW ENGLAND.

This proposition consists of a Mill together with a manufacturing plant which utilizes its entire output. The product and processes are protected by very strong patents, and the opportunity for further development of business is great. Mill now producing fifteen to twenty tons per day, and consists of 88" machine trims 78 1/2", 42 dryers, 5 cylinders, two 1500-lb. and one 2000-lb. beaters, two 150 H. P. boilers, pumps, stock chests, etc. Magnificent opportunity for responsible parties. For full particulars, communicate with the

GIBBS-BROWER COMPANY

Paper and Pulp Mill Brokers
261 Broadway New York City
Telephone—Barclay 8029
OUR MOTTO—"Service First"

DO you want to buy, sell or exchange any kind of material that has to do with the Paper Industry? If so, you will find the Want and For Sale columns of the Paper Trade Journal a happy medium.

MISCELLANEOUS

WANTED—One second hand Beater in good condition. 61" diameter x 48" face. Prefer the Jones beater. Address, Box 2119, care Paper Trade Journal. A-3

WANTED—To buy. Dry saturating felt. Both for tar and asphalt saturation. Nos. Twenty-two, Twenty-five, Forty, Fifty and Sixty. J. E. Berkheimer Mfg. Co., Tacoma, Wash. A-15

WANTED—An 84-inch Automatic Paper Cutter with foot treader. Dayton preferred. Paper Novelty Company, Green Bay, Wisconsin. A-1

ACCOUNTANT, part time work, specializing the paper trade. Experienced in all branches of accounting. Unquestionable references, reasonable rates. Special attention given to concerns without bookkeeper. Address, Box 2121, care Paper Trade Journal. M-25

WILL CARL G. ENGSTROM, formerly of Constantine, Michigan, communicated with F. M. Butler, Box 245, Passaic, New Jersey. A-8

KRAFA TONNAGE wanted in any size rolls, 30" basis, also book and litho rolls, 25 x 38-40 or 45" basis. A-1

Treasury Department,
Office of the Secretary,
Washington, D. C., March 15, 1920.

Sealed proposals will be received at this office until 2 o'clock p. m., Thursday, April 15, 1920, from manufacturers of bond, bank-note and other fine papers for furnishing bank-note paper of the highest quality containing the distinctive feature now in use by the Department, for the printing of United States currency and other securities, national and Federal reserve bank notes, Federal reserve notes, etc., for the fiscal year beginning July 1, 1920. Blank forms for submitting proposals, with specifications and further information, will be furnished intending bidders upon application to this office where samples of the paper required may be examined.

D. F. HOUSTON,
Secretary of the Treasury. A-8

PAPER MILL BUILDINGS WANTED

One or two machine mill, without machines, beaters, or jordan, preferably with 300 boiler H.P. and 150 H.P. engine, or with electric power at reasonable cost. Will purchase or lease. Floor space should not be less than 200,000 square feet. Address, Box 1991, care Paper Trade Journal, giving full details of type of construction and at least approximate space in each building. M-3

FOR SALE

One (1)—76" Downingtown Duplex Cutter, new, with twelve pairs back stands.

One (1)—86" Beloit Duplex Cutter.

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The Shartle Brothers Machine Co.,
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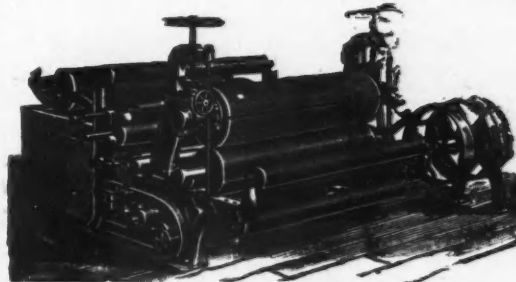
SWIFT, GEORGE W., JR., Designer and Manufacturer of Special Machinery for Manufacturing and Printing Paper Goods. Bordertown, N. J.

H. C. CLARK & SON MACHINE CO.

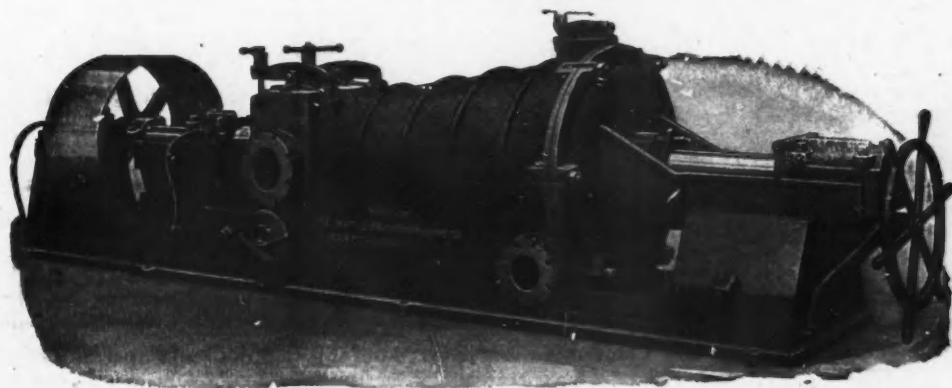
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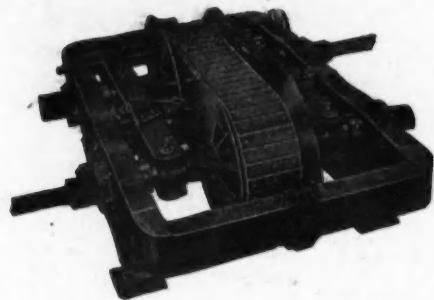
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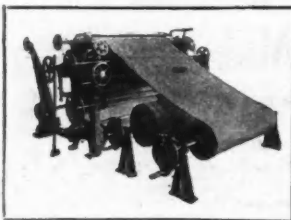
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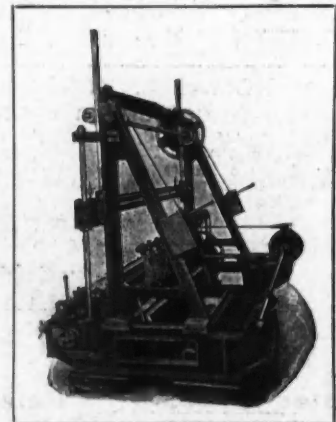
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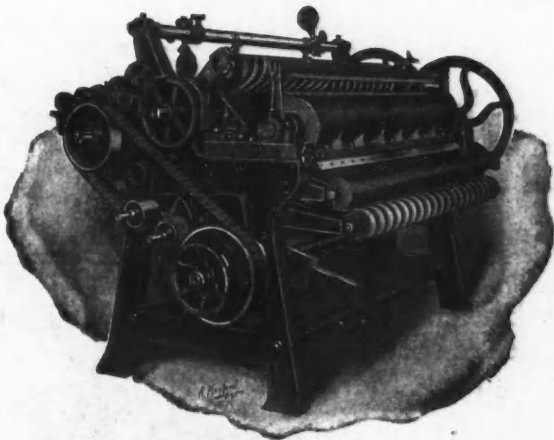
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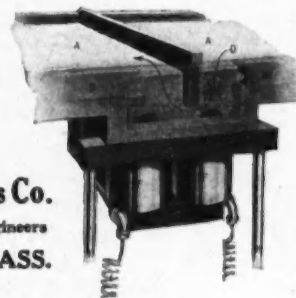
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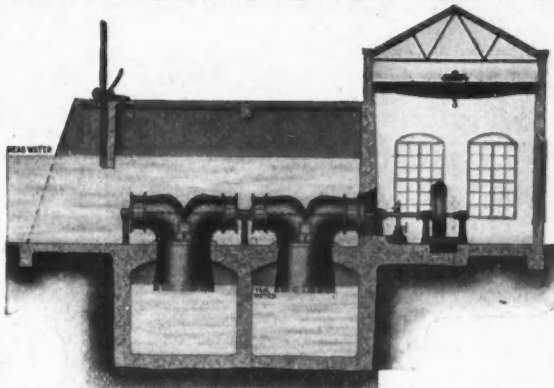
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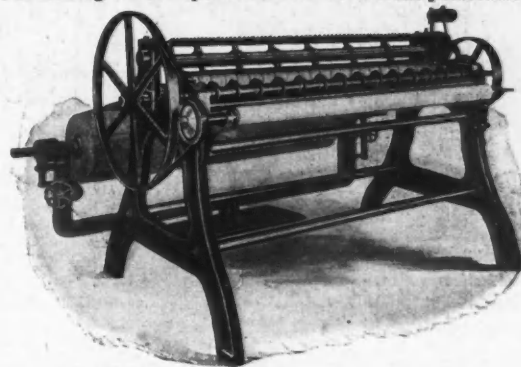
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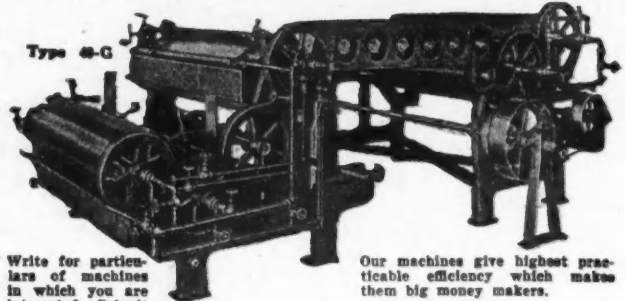
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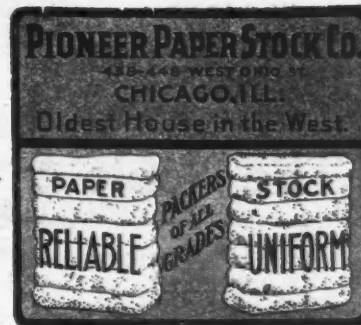
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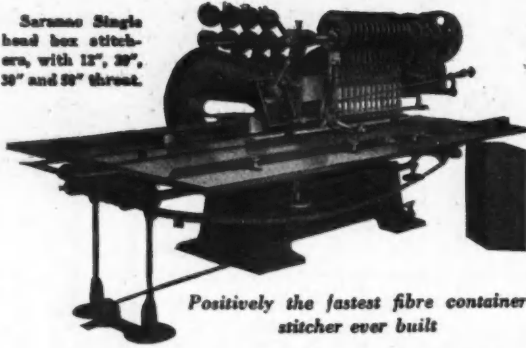
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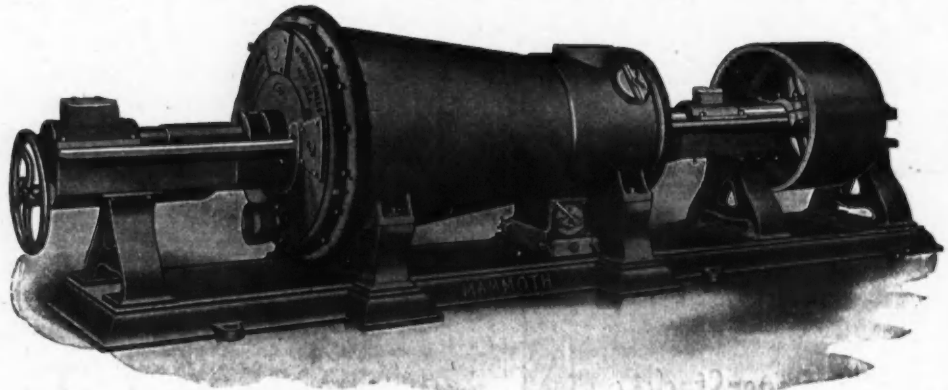
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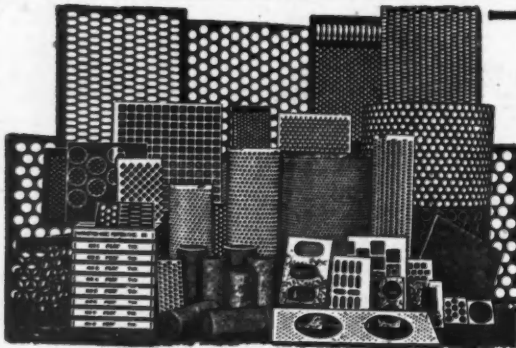
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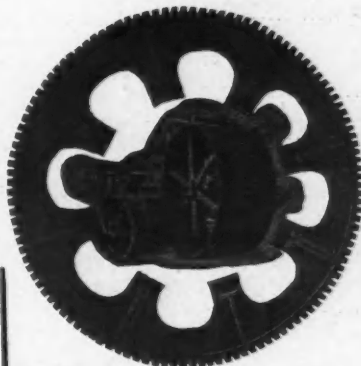
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