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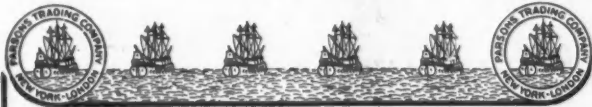
THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY.

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NEW YORK AND CHICAGO, JANUARY 3, 1918.

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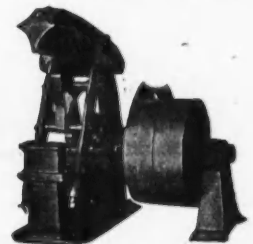
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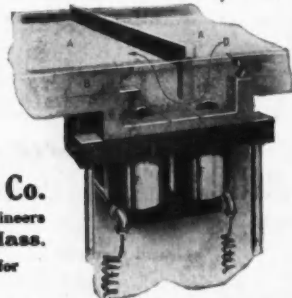
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THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

**FORTY-SIXTH YEAR**

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NEW YORK AND CHICAGO

Thursday, January 3, 1918.

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1918 2 B 1919

## MILL STOCKS OF BOOK PAPER SHOW DECLINE IN NOVEMBER

Increase, However, in Stocks Held at Delivery Points Is Shown of About 5,000 Tons, Making a Net Increase in Manufacturers' Stocks of About 2,500 Tons, According to Review of the Trade by the Federal Trade Commission—Summary Indicates That Exports Have Been Falling Off During the Past Year—Figures Indicate a Decline in the Commitments of About 42,000 Tons During the Month.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., December 31, 1917.—The Federal Trade Commission has given out the following review of the book paper market for the month of November:

The summary of weekly reports of book paper manufacturers issued December 17, 1917, showed a decline in mill stocks of book paper during the five weeks' period from October 28 to December 2, 1917, of about 2,500 tons, and an increase in stocks held at delivery points of about 5,000 tons, making a net increase in manufacturers' stocks of about 2,500 tons. The summary also indicated that exports were falling off in comparison with last year.

### Commitments

Monthly reports from book paper manufacturers show commitments as follows:

	For delivery up to Dec. 31, 1917.	For delivery up to Dec. 31, 1917.	Total.
Total commitments November 1, 1917...	230,408	223,263	453,671
Total commitments December 1, 1917...	51,859	358,955	410,814

The figures indicate a decline in commitments during the month of about 42,000 tons.

### Jobbers' Stocks

Reports from 210 jobbers showed the following stocks of the various grades of book paper purchased, sold and on hand during the month:

	No. 1 Eastern and Western machine finish Tons.	No. 1 Eastern and Western super- calen'd. Tons.	Coated book costing 10c. or less. Tons.
Stocks in warehouses first of month .....	12,450	7,421	8,280
Quantity received .....	2,790	1,262	2,094
Quantity shipped out.....	3,138	1,540	2,222
Stocks in warehouses end of month .....	12,102	7,143	8,151

These figures indicate a slight decline in jobbers' stocks during the month.

### Consumers' Stock

Reports from 352 concerns using book paper showed the following results:

	Periodicals and maga- zines.	Printers.	Book publish- ers.	Commer- cial users.	Total.
Number of concerns.	257	35	31	29	352
Stocks on hand first of month .....	45,940	7,005	5,152	10,930	69,027

Received during m'th	25,415	2,120	1,874	3,519	32,928
Used or sold during month .....	24,373	2,734	1,951	4,431	33,489
Stocks on hand end month .....	46,982	6,391	5,075	10,018	68,466
In transit .....	5,477	244	300	411	6,432

The figures indicate a small increase in the stocks held by publishers of magazines and periodicals, but a corresponding decline in the stocks held by the other classes of users.

### Book Paper Prices

During November the following contracts for book paper were made:

Kind	Number of contracts	Aggregate tonnage	Prices per 100 lbs. including discount
Machine finish .....	48	29,307	\$4.25-\$8.00
Supercalendered .....	25	99,657	5.00- 8.00
Coated .....	12	5,873	7.07- 9.00
Total .....	85	133,837	

NOTE:—It is important to note that the variation in prices of different grades is due to considerable extent to difference in quality.

Over 60 per cent. of the machine finish paper was sold between \$5 and \$6 per 100 pounds; 75 per cent. of the supercalendered paper was sold between \$5 and \$5.50, and 19 per cent. between \$5.50 and \$6.

The price quotations reported by most mills showed no change during the month, but in a number of cases they showed declines.

Reports from jobbers showed the following prices per 100 pounds, quoted for the various grades of book paper during November:

	Ream lots	500 lbs.	Ton lots
No. 1 Eastern M. F.			
East and Middle West jobbers.	\$7.25-\$11.50	\$6.75-\$10.25	\$6.20-\$10.00
Pacific Coast jobbers.....	10.50- 12.50	9.75- 11.75	9.50- 11.50
No. 1 Western M. F.			
East and Middle West jobbers.	7.50- 10.50	7.00- 10.00	6.00- 9.50
Pacific Coast jobbers.....	10.50- 12.50	9.75- 11.75	9.50- 11.50
No. 1 Eastern Super.			
East and Middle West jobbers.	7.25- 11.00	7.00- 10.75	6.00- 10.50
Pacific Coast jobbers.....	10.75- 12.50	10.00- 11.75	9.75- 11.50
No. 1 Western Super.			
East and Middle West jobbers.	8.00- 11.00	7.50- 10.50	7.00- 10.00
Pacific Coast jobbers.....	10.75- 12.50	10.00- 11.75	9.75- 11.50
No. 2 Coated.			
East and Middle West jobbers.	9.10- 12.00	8.75- 11.00	8.50- 11.00
Pacific Coast jobbers.....	12.75- 15.25	12.50- 13.50	12.00- 13.25

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

A number of jobbers stated that the future of the book paper market was very uncertain, and a further decline in prices was probable.

### Pulp Prices

The bulk of the bleached sulphite received by manufacturers on contract during the month was at prices ranging from \$100 to \$120 per ton. Only a small quantity was purchased in the open market. The bulk of the unbleached sulphite received on contract was at prices ranging from \$50 to \$70 a ton. Most of the tonnage purchased in the open market was also at same prices. The bulk of the soda pulp received on contract during the month was at prices ranging from \$60 to \$80 a ton. Practically no soda pulp was bought in the open market.

### Plans News Print Hearing January 7

Commissioner W. B. Colver, of the Federal Trade Commission, announced today that plans are rapidly maturing for the hearings beginning on January 7, in connection with the news print price agreement, which several manufacturers recently made with the Department of Justice. A general invitation has been extended to all publishers and jobbers to participate in these hearings, and from replies it is expected that a large number will attend.

The manufacturers will present information supplementary to their cost reports bearing on such matters as the hazards of the business, methods of determined wood costs and depreciation charges, etc. It is probable that information will also be given on what is a fair investment in the business and what is a fair rate of profit on such investment.

The afternoon of January 9 next has been set for a conference with the jobbers, at which the provisions of the agreement in which they are interested will be considered.

### Exports for November

Exports during November amounted to \$488,000,000, a decrease of \$55,000,000 from October, 1917, and of \$28,000,000 from November of last year, according to a statement issued today by the Bureau of Foreign and Domestic Commerce, Department of Commerce. For the 11 months ending with November, exports were valued at \$5,639,000,000, against \$4,959,000,000 a year ago.

Imports during November were valued at \$221,000,000 about the same as in October of this year, but \$44,000,000 more than in November a year ago. The imports during the 11 months of this year were valued at \$2,725,000,000, a considerable increase over the imports for the 11 months' period of 1916, which were valued at \$2,187,000,000.

The excess of exports over imports amounted to \$268,000,000 in November, 1917, against \$339,000,000 a year ago. The excess of exports during the 11 months ended with November amounted to \$2,914,000,000 in 1917, against \$2,773,000,000 in 1916, an increase of \$141,000,000 in the current year.

### Government Takes Over Niagara Water Power

In connection with the taking over of water power at Niagara Falls, the Public Information Committee gave out the following official statement the latter part of last week.

"Under authority of the President, the electric power produced, imported and distributed by the Niagara Falls Power Company, the Hydraulic Power Company of Niagara Falls, and the Cliff Electrical Distributing Company was today requisitioned by the Government. This step was taken to assure the adequate supply of electric power for the establishments engaged in war work at Niagara Falls and Buffalo."

### Paper Shortage Holds Up Tax Returns

Delay in the transmission of income tax return forms to collectors of internal revenue in various parts of the country is due to difficulty the Government Printing Office is experiencing in procuring paper, it was announced at the office of the Commissioner of Internal Revenue last week.

The paper has been held up as a result of the railway congestion, it is stated. For this reason bankers throughout the country have been unable to get any blanks, and it will probably be some little time before they will be available. Orders for 15,000,000 copies of forms for incomes of not more than \$3,000 have been issued.

### Tax Returns Held Strictly Confidential

In answer to a question which has arisen in several collection districts, the Bureau of Internal Revenue today stated that income tax returns made to collectors of internal revenue or their deputies are held in strict confidence. No person except the deputies who are handling the matter is permitted to see the returns, and they are not available for local tax officials.

In some of the collectors' offices rooms have been set aside for

income tax work and the public is not permitted to enter. After the returns have been listed and compiled they are sent to Washington, where they are also held secret.

### Commissioner Colver Referee in Paper Case

Federal Trade Commissioner William B. Colver appeared in a new position here the latter part of last week when he was a "referee" between officials of the Seaman Paper Company and certain newspaper publishers who had contracts for news print paper with the company.

While, quite naturally, Commissioner Colver did not wish to discuss the primate matter, it is understood that the paper company had a four-year contract with the newspaper publishers, an adjustment as to price to be made on the first of every year during the life of the contract. It is said that both parties to the agreement were willing to change the contract, and it was decided to let Commissioner Colver act as referee and to abide by his decision. It is understood that the matter was finally adjusted to the satisfaction of both the publishers and the paper company officials, both as to future contracts and as to price.

### Paper Plants Close Because of War Order

[FROM OUR REGULAR CORRESPONDENT.]

NIAGARA FALLS, N. Y., December 31, 1917.—The Cliff Paper Company and the Defiance Wall Paper Company will close down tonight and will remain closed indefinitely. Secretary of War Baker today ordered the Hydraulic Power Company to cut off the electrical supply to the paper mills in order to increase the amount of power available for plants essential to the United States in winning the world war. The Falls plant of the International Paper Company is not affected by the order because it uses water power taken from the tunnel of the Niagara Falls Power Company, but the power company claims that the use of the tunnel by the International Company curtails its generating efficiency, and the paper company is operating at capacity while awaiting further developments. The Niagara River Manufacturing Company, manufacturers of pulp, closed down two weeks ago in anticipation of the order received here today. The Pettebone-Cataract Paper company gets its water power direct from the hydraulic canal and is not affected. No confirmation could be obtained here late today to a report that the Ontario Paper Company of Thorold, Ont., which supplies the Chicago *Tribune*, would be cut off by the Dominion government.

The Defiance Company employs 215 men and women and the Cliff Company employs 110. They will be thrown out of work on Wednesday. The companies used 5,500 horsepower, which will now be given to plants making war essentials. All concerns in the city not making materials to help Uncle Sam win in the great world conflict will be curtailed, especially those companies using more than 100 horsepower.

### Louisville Paper Co. Has Round-Up

LOUISVILLE, Ky., December 31, 1917.—The Louisville Paper Company held its annual round-up in the Red Room of the Seelbach Hotel Friday evening, December 28. It was endeavored to make the meeting for 1917 a patriotic one. The decorations were American flags, with place cards of military hats.

There was an attendance of about twenty-eight salesmen and the office force. There was also a table set for eight, representing the absent members of the organization who are now in the service of Uncle Sam. The cover for the table was a service flag with eight stars. The music rendered by the orchestra for the most part was patriotic airs.

Thomas Floyd Smith presided as toastmaster, and made a very interesting talk to the boys. He called upon each member present for a short talk. The evening was spent in a most enjoyable and instructive way.

## PAGE PAPER CO., OF WICHITA, MAY BE LOCATED IN HOLYOKE

Louis H. Page, President of the Firm, Says That the Mill Which He Contemplates Establishing Would Employ About 500 Hands and These Would Be Increased as the Business Expanded—Locations in Both Salem and Clinton Also Are Being Considered—E. L. Bush Is Back from Caracas, Venezuela, Where He Helped Start a Paper Making Plant for the Government—Paper Men Honored.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., December 31, 1917.—It was reported today that the Holyoke Chamber of Commerce was to take some action, with the view of influencing Louis H. Page, president of the Page Paper Company, of Wichita, Kan., to locate in this city, instead of Clinton or Salem, two Massachusetts cities, it is understood Mr. Page has under contemplation. Many are of the opinion that Mr. Page could be persuaded to build his new mill here, the paper metropolis of the world, which, it would seem, could meet all requirements.

Mr. Page was in Clinton and Salem last week conferring with officials of those cities for a suitable location. Mr. Page, while in Clinton the other day, is credited with the following statement: "I am going to be able to get my paper to the market cheaper if I can locate mills nearer the markets, because of transportation troubles. I know it is a poor time to build, but our slogan has been 'Business as usual.' Both Salem and Clinton have good water, which is necessary in the papermaking industry, and especially where the manufacture of high-grade bonds is considered. The mill I have in mind would employ about 500 hands and, of course, would be increased with more business. It is my intention to transfer all of my manufacturing to Massachusetts as soon as it can be done."

Mr. Page states that one of the disadvantages of locating in Clinton or Salem is the lack of experienced papermakers. For this reason, and many others, it would be to the advantage of any paper manufacturer to locate in this city or vicinity.

### Mr. Bush Back from Venezuela

Ernest L. Bush, of this city, one of the party of American paper-makers who went to Caracas, Venezuela, a year ago, to establish a paper manufacturing plant for the South American Government, returned last week to his home town. The paper mill which Mr. Bush, along with another Holyoker and other men from various places in this country, assisted to be placed into operation, is now running perfectly, which prompted Mr. Bush's return.

Mr. Bush just now is a very interesting person to come in contact with. He has a fund of stories of the South American country to tell, which includes all about the variety of paper being made at the paper mill plant, the mill's equipment, the natives, hunting, fishing, etc.

### E. W. White May Head Chamber of Commerce

The next president of Holyoke's Chamber of Commerce, of which many of the local paper manufacturers are members, will be Edward N. White, treasurer of the White & Wyckoff Manufacturing Company, according to general predictions. It is freely admitted among members of the Chamber that Mr. White is slated for this important position, which has much to do with the city and which is also beneficial to manufacturers. Mr. White might have had the office three years ago, but declined the honor on account of pressure of business. He is now vice-president. Previous to the present year, Arthur C. Hastings, president of

the American Writing Paper Company, was elected to the office for two consecutive years, but refused to take it again because of his ever-increasing duties as head of the American Writing Paper Company.

### C. L. Dingins to Go with American Pad Co.

Carl L. Dingins, connected with the National Blank Book Company as head of the cost department for the past three years, has resigned from that position to accept the superintendency of the American Pad & Paper Company, a more lucrative position, which also embraces wider responsibilities. He succeeds George B. Crosby, who has gone into retirement after 25 years of service as superintendent at the American Pad & Paper Company. The change becomes effective January 1.

### Massachusetts Paper Men Honored

Two of the most prominent men of the paper industry of the country have been appointed to the Massachusetts committee of war efficiency as a branch of the State Committee on Public Safety to keep war work at a maximum of efficiency. They are Winthrop Murray Crane, member of the Crane Paper Mills, of Dalton, and former United States Senator; and James Logan, of Worcester, general manager of the United States Envelope Company and former Mayor of Worcester. The initial purpose of this board will be to recruit an industrial army, bringing those who require labor, either for war, fuel or food production purposes, in touch with those available for work. This committee has also the power to pass upon the question of whether articles not essential in war time shall continue to be manufactured.

### Haskell Paper Box Co. at Pittsfield

The Haskell Paper Box Company, which has established itself in Columbus avenue, Pittsfield, has recently installed a Stokes-Smith automatic paper box making machine which turns out 5,000 boxes per day. The machine cost in the neighborhood of \$3,000 and requires three workers to operate. The Eaton, Crane & Pike Company, of Pittsfield, has ten or more of these machines in its plant.

### Join Eagle Lodge of Paper Makers

The formal amalgamation of the Mittineague paper mill operatives with the Eagle Lodge of Paper Makers, local branch, was held yesterday. The Mittineague local has about 200 members, which will swell the membership of the Eagle Lodge to more than 1,700 unionized paper mill operatives.

### Work on Cascade Plant Progressing

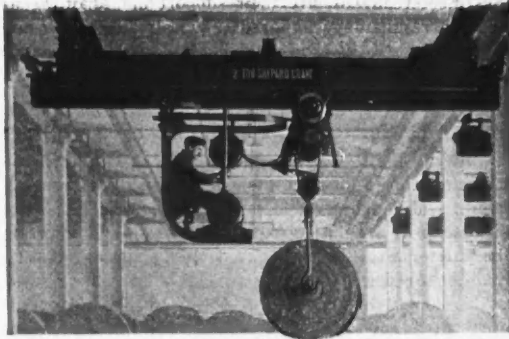
SAN FRANCISCO, Cal., December 26, 1917.—Work on the plant of the Cascade Paper Company's first unit is progressing rapidly at the mill site on Chambers Creek, a few miles south of Tacoma, Wash., and although there have been some delays due to transportation difficulties, which all industries throughout the country have suffered, those in charge of the erection of the plant are maintaining schedule time.

The firm of Hurley-Mason & Co., who erected the buildings for the Hawley Pulp & Paper Company at Oregon City, to house the recent additions to that rapidly growing plant, have been awarded the contract to erect the Cascade company's plant, and at the close of the year work was progressing very rapidly, with part of the buildings ready for the reception of the beater equipment, then on the ground.

The paper-making machine, which is coming from Ohio, will be shipped within about sixty days, so that by early summer the mill should be ready for actual operations.

The superintendent, J. B. Coleman, formerly at Kalamazoo, is optimistic over the outlook, and has manufacturing plans at hand already.

Temporary sales offices have been opened in San Francisco, W. B. Reynolds looking after that end of the business.



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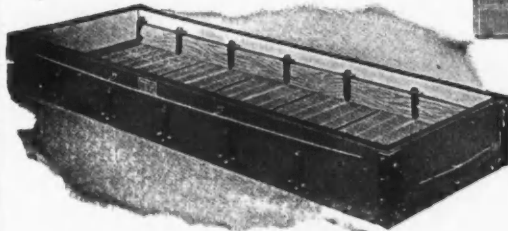
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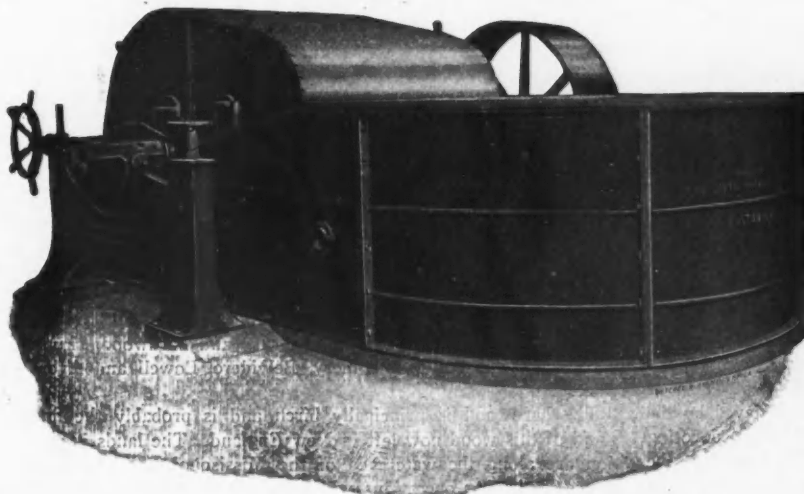
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## PRICES ON PULP AND PAPER ARE DECLINING IN CANADA

Notwithstanding Reductions, However, the Demand for the Classes of Paper Affected Is Below Capacity for Production and Is Expected to Remain Slack for Some Months to Come—Much Greater Feeling of Confidence in the News Print Industry—Price Bros. & Co. Start New Year With Greatly Increased Production—Canada Pleased by Government Control of Railroads.

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., January 2, 1918.—During the past month or so there has been a gradual shading down of prices on pulp and on kraft, manila, fibre and book papers, and it is stated that in all probability the new price list to be issued at the new year will show still further reductions in price. Notwithstanding these reductions, the demand for these classes of paper is below the capacity for production, and is expected to remain so until the spring, for January and February are always slack months. On the other hand, the demand for news print keeps up well, most plants producing as much as they can get cars to haul away. There is a much greater feeling of confidence in the news print end of the industry since the price of 3 cents per pound was fixed in the States, as it is believed that this precedent will be followed in Canada, and that the governments of both the United States and Canada will not be parties to any arrangement which will force the producers to sell at loss or at the bare cost. With prospects of a fair profit assured, the developments which have been hanging fire will in all probability be proceeded with during the year 1918.

### Price Bros. & Co.

With their new Fourdrinier machine at the Jonquieres mill in running order, Price Bros. & Co. are starting the new year with their capacity for news print production increased by 50 tons a day to 240 tons. Not only has all production been sold to date, but a market is in sight for practically all the increased quantity. Of this firm's production nearly 95 per cent. is exported to the United States, where the demand appears to be increasing. In addition to news print, the plant is running a machine on cardboard, which is in strong demand. It also has three shingle mills, and is producing a surplus of pulp for the market. There is every prospect that the company will be able to repeat last year's phenomenal profits, when the gross profits for the twelve months were \$1,240,486, with the net \$805,218, representing 16.10 per cent. on the stock, as against 7.87 in the previous year.

### Getting Back the Cars

The news that the United States Government have taken over the American railways has created great satisfaction here, as it is believed that much closer co-operation for the general good of the two nations will be possible by promoting efficiency in transportation. There is no likelihood that the Canadian Government will follow suit, but it may be pointed out that the Government here already is in possession of two out of three of the country's transcontinentals. It has the Canadian Northern, from coast to coast; the National Transcontinental, from Moncton, N. B., to the head of Lake Superior, and the Inter-colonial, from Halifax to Montreal, besides exercising what are practically proprietary rights over the Grand Trunk Pacific, from Port Arthur to Prince Rupert, B. C. In addition, there is a War Board, formed for pooling equipment and rolling stock on the railways, so that Canada has almost as far-reaching control of the railways as that now achieved by the United States. The Railway War Board here has been devoting much attention to getting back from the American railways the 22,000 Canadian cars which are being detained, and have been

detained for months. They have found the American Government authorities most ready to give their support in promoting a fair deal, and as a result many hundreds have already been returned. This will greatly help in promoting international business, which was being hampered by the distrust of American and Canadian railways of each other.

### The Cost of News Print Reduction

If the Federal Trade Commission in the United States should maintain the news print price to the 3-cent level it will prove satisfactory to the Canadian producers; but if, when the period for the maintenance of that price expires on April 1, a lower figure should be put forward, there will be a strong appeal against such reduction. An official of the Laurentide Company here says that as far as his company is concerned they would have a very good case to present in such an appeal. While they have been able to secure a fair number of men for the woods this fall, the wages are running up to \$65 a month, with food and accommodation extra, while the average before the war was \$22 and \$23. As for the cost of feeding the men, pork is today \$62 a barrel, as against \$17.50 before the war; while beans cost \$9.50 per bushel, as against \$1.90 to \$2.25 before the war. All other provisions are in proportion.

### Brompton Pulp & Paper Co. Report

The quarterly report for this company for the three months ending October 31, shows the production to have been 3,897 tons of news print, 1,567 tons of kraft, 2,227 tons of board, 6,308 tons of sulphite, and 13,913 tons of ground wood, while the sawmill turned out 1,744,000 feet of lumber. It is officially announced that the dividend rate of 5 per cent. on the common stock will be maintained throughout the year 1918.

### Pulpwood Lands to Be Flooded

One hundred square miles of land will be flooded when the great Government dam at La Loutre rapids on the St. Maurice River comes into operation this year. On this land there are about 30,000 cords of pulpwood. It will be covered by about 40 feet of water in the period of the highest waters, and it will only be possible to cut the pulpwood this February, or in the latter part of next summer when the water will be low. The pulpwood was recently offered for auction by the Provincial Government. There were only two bidders, and the permit went to the Brown Corporation, of La Tuque, Que., for \$8 a mile. Owing to the difficulties of cutting, only half the ordinary stumpage duties will be collected.

### Leatherboard Company Reorganized

A new organization, known as Bennett, Limited, has taken over the business of the Canadian Leatherboard Company at Chambly Canton, Que. The company has also taken over the business of the Dominion Counter Company, and is removing it to Chambly Canton. The company makes heel board, fibre insoling, double and veneer board. The sales offices are 59 St. Henry street, Montreal, and the sales manager is George F. Davis.

### Missisquoi Buys Timber Tract

SHELDON SPRINGS, Vt., December 31, 1917.—The largest tract of timberland owned individually in Northern Vermont was transferred this week to the Missisquoi Pulp & Paper Company, of Sheldon Springs. The purchase includes mill site, water privilege, houses, store, barns and equipment formerly owned by F. E. Hutchins, now of Pasadena, Cal., together with over ten square miles of virgin growth of spruce and hardwood, situated in the townships of Montgomery, Belvidere, Lowell and Avery's Gore.

The hardwood is principally birch and is probably the finest stand of this wood now left in New England. The lands in question are along the watershed of the Missisquoi River, and logging and driving operations will be begun in the Spring.

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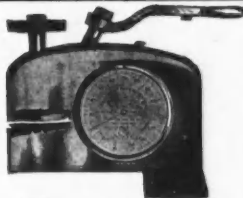
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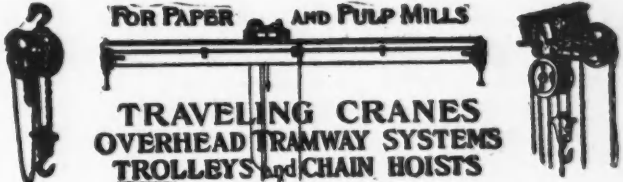
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## CANADIAN BOOK HEARING TO BE RESUMED ON JAN. 8

Ten Mills Are Included in the Investigation That Will Be Conducted by R. A. Pringle, the News Print And Book Print Paper Controller—Puzzle Presented by the Question As to Whether the Cost of News Print Should Be Calculated On the Total Cost of Each Company Or On the Total Cost of Tonnage—Commission of Conservation Furnishes Figures Regarding Water Power.

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., December 31, 1917.—There are in all 10 book paper manufacturing concerns whose operations will be investigated by R. A. Pringle, the news print and book paper controller, when he resumes his sittings at the local court house on January 8. They are as follows:

Kinleith Paper Mills, Limited, St. Catharines, Ont.; Toronto Paper Manufacturing Company, Limited, Cornwall, Ont.; The E. B. Eddy Company, Limited, Hull, Que.; Canada Paper Company, Limited, Windsor Mills, Que.; Howard Smith Paper Mills, Limited, Montreal; Provincial Paper Mills Company, Limited, Toronto; Rolland Paper Company, Montreal; Dominion Pulp Company, Limited, Chatham, N. B.; Naashwaak Pulp and Paper Company, St. John, N. B.; Chicoutimi Pulp Company, Chicoutimi, Que.

Several important questions are cropping up for the attention of the controller. Among these is the question as to whether the cost of news print should be calculated on the total cost of each company or on the total cost of tonnage. This has been brought up by the consumers of paper, and will have to be ruled upon. Another question is the computing of machine losses, and the investments of companies in Canada.

At the recent news print inquiry it was submitted that in figuring out the cost of a ton of paper an investment of at least \$40,000 and up to \$50,000 should be allowed to produce it. The Federal Trade Commission, on the other hand, has based its price on an investment of \$30,000, and has suggested that a return of one dollar a ton on such an invested capital is a fair return, being equal to a 1 per cent. return on investment for every ton produced per day in 365 days in the year. This figures out at a return of about \$8 per ton while the Canadian commission has already allowed \$9.22 per ton.

### Water Power in Canadian Provinces

The commission of conservation after having conducted water power surveys of British Columbia, Alberta, Saskatchewan and Manitoba, supplementing an estimate of the water powers of the other provinces made in 1911 with additional data, has issued the figures:

Province.	Total possible horse power.	Developed horse power.
Ontario .....	5,800,000	760,000
Quebec .....	6,000,000	640,000
Nova Scotia .....	100,000	26,000
New Brunswick .....	300,000	15,000
Prince Edward Island.....	3,000	500
Manitoba .....	.....	76,000
Saskatchewan .....	.....	10
Alberta .....	3,500,000	33,000
Northwest Territories .....	.....	Nil
British Columbia .....	3,000,000	250,000
Yukon .....	100,000	12,700
<b>Total .....</b>	<b>18,803,000</b>	<b>1,813,210</b>

### Sales Meeting of the Whitaker Paper Co.

CINCINNATI, Ohio, December 31, 1917.—At the recent annual sales meeting of the Whitaker Paper Company, which was the fourteenth annual assembly, A. L. Whitaker, president and general manager, introduced his new assistant, Bryant Venable, to the members of the organization. About 250 attended the banquet. Mr. Whitaker spoke as follows:

"One year ago we came together in this room to celebrate the completion of the most successful twelvemonth in our history. At that time I said to you in partial explanation of our achievement: 'The right man in the right place is no easy job, but a big problem in any successful business. To discover him and endow him with the authority, which flows to the man who knows, is paramount. With us this problem is solved in our secretary and general manager, Mr. Warrenner, who is loyally, generously and efficiently supported by our officers, branch managers and department heads. Tireless, terse and sagacious, he had the vision, and to his unrestricted initiative, his broad judgment and the charm of his personality we owe much for our success and prosperity.'

"Tonight we come again to rejoice in the fullness of the prosperity that has crowned our year of effort and planted our banner on a higher pinnacle. We have captured our objective, but our captain has fallen, like the hero soldier that he was, leaving the sweetness of our victory embittered with the tears of our bereavement. Harry Warrenner has left us, and this vacant chair is the mute witness of the emptiness of our hearts. His vision, his initiative, his judgment, the pillars on which we leaned for support, are broken. I need not assure you, my dear friends and comrades, what this loss means to me, for you already know that Mr. Warrenner was to me almost as a son, and to you all he was a brother.

"In the necessity of again assuming the active management of our business I count myself fortunate in being able to turn for assistance to one who has been close to us for some years and who has already contributed largely to the success and the morale of our entire organization.

"It was Mr. Warrenner who first sought him out for counsel and co-operation in shaping some of the broader policies of business. And it has been the hope and the plan of both Mr. Warrenner and myself that this man should some day devote to our interests exclusively the constructive energy and executive capacity that he has been dividing among a score of large organizations having problems similar to our own.

"I believe that it would be Mr. Warrenner's wish, could I have the benefit of his counsel tonight, that this man should share with me the burdens that in the past years have rested so heavily upon his own broad and willing shoulders. And because I know that Harry loved him as a friend as greatly as he esteemed him as a man, I am happy to welcome him into the inner circle of our business family—Mr. Bryant Venable."

### Building Paper Industry in the Northwest

St. Paul is the pioneer in the Northwest in the manufacture of building paper and practically controls the building paper industry in the Northwest, according to the *Pioneer Press*.

St. Paul annually manufactures nearly 250,000 rolls of tarred felt for building purposes. The daily output of the various grades is approximately 1,800 rolls, and five months a year is devoted to the manufacture of this building material.

St. Paul also contributes to the building material supply of the Northwest approximately 27,000,000 square feet of rubber roofing annually.

Every year the building paper industry of St. Paul turns out approximately 25,000,000 pounds of tarred felt.



**Just Like the Name**

**HERCULES  
KRAFT**

**Our Price Will  
Interest You!**

Value of Swedish Kronor during week ending  
December 29th. Normal rate of exchange: 1  
Krono = 26.80 cents.

Dec. 24th—33.25 cents—increased value 24.07%
“ 26th—33.50 “ “ “ 25.00%
“ 27th—33.50 “ “ “ 25.00%
“ 28th—33.50 “ “ “ 25.00%
“ 29th—33.50 “ “ “ 25.00%

**A. J. PAGEL & CO.**

Incorporated

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Michigan Agent—CALE B. FORSYTHE, Kalamazoo

## STRIKERS AT HAMILTON, O., CREATE SERIOUS SITUATION

**Union Men Numbering 4,000 Employed in the Paper Mills, Paper Making Machinery Plants and Other Industrial Establishments Refuse to Go to Work in Sympathy Strike—Strike Troubles Among Other Establishments Effects the Black-Clawson Shops and the Champion Coated Paper Mills—Judging from the Present Aspect of Things There Is no Telling How Long the Situation Will Continue.**

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, December 28, 1917.—A serious situation existed at Hamilton today when 4,000 union men, employed in the paper mills, paper-making machinery plants and other industrial establishments, refused to go to work, the strike having been called out of sympathy for a number of strikers who were involved in the molders' trouble some months ago, full details of which appeared in these columns.

The strike troubles cropped out at the Black-Clawson shops, the Hooven, Owens & Rentschler, the Niles Tool Works, the Champion Coated Paper Mills and the Shuler & Benninghoffen Felt Mills, as well as at the foundries and machine shops.

Yesterday, thirty union leaders, who were charged with rioting in the recent disorders, were sent to jail. Though it was at first thought that the strike was to be only of one day's duration as a protest against the imprisonment of their fellow workmen, it became known later today that the strike leaders had decided to continue the strike until the men were released from jail.

The cases of the thirty men came in court yesterday. They were arraigned on charges of rioting, and at the preliminary hearing all pleaded not guilty and refused to make any attempt to provide bondsmen for themselves. As a result all were taken to jail. A number of women also pleaded not guilty, but they were released on their own recognizance, while quite a few men, out of a total of sixty, arranged to give bail.

Strange as it may seem, the union bartenders were the first to leave their posts. They deserted their places late yesterday in sympathy with those held in jail. Last night a mass meeting of unionists was held in the High School Auditorium and resolutions were adopted requesting union men to quit work as a protest. The street carmen are expected to strike, and there is no telling how long the unusual situation will continue. All of the saloons are closed and will remain so indefinitely. Business is at a standstill and the thriving city finds itself completely in a state of paralysis.

Only one out of the eleven men indicted for riot at the Champion Coated Paper Company appeared for arraignment Thursday morning. He was Bufoed Dees, who pleaded not guilty. The sheriff announced that summonses could not be served on the others as they are out of the county. Judge Harlan gave orders that when located they should be arrested.

In fixing the bonds for the assault and battery charges, Judge Harlan said that a precedent had been set in these cases in fixing the bond at \$200 and that he could do nothing but follow the rule of the court in this case. Consequently the bond of men indicted for assault and battery was fixed at \$200.

Commenting upon the riot indictment for the girls and women, Judge Harlan said that it was the first riot case which he has any knowledge of ever having been brought into the court. Upon being told after an inquiry, that the girls and women all lived in the city, Judge Harlan said that they would not be required to give bond.

This he said was partly due to the fact that the accommodations for women at the jail are very poor.

In fixing the bond for the men charged with riot, Judge Harlan said that he had no precedent to govern him as this is the first riot case to be brought into court. As they are all residents of the city, Judge Harlan fixed the bonds for the men charged with riot at \$50 each.

Judge Harlan then said that he would give all of them opportunity to furnish bond and that upon their failure to do so, he would be compelled to order them locked up in jail. Only a few came forward and offered to furnish bond.

After Charles Vaughn had been asked if he would furnish bond and he had neglected to do so, Judge Harlan asked the remaining men if it was their decision not to furnish bond, to which they replied in the affirmative. The men were then taken in charge by Sheriff Frank E. Pepper and his deputies.

### Thompson Printing Co. Organizes

A new industry, and one that bids fair to be the consumer of large quantities of catalogue and book papers, will enter the field in Dayton tomorrow with the organization of the Thompson Printing Company of which Herbert Thompson and Walter S. Kidder are the owners. For eleven years Mr. Thompson has been manager of the printing and mailing department of the Hayner Distilling Company of which Mr. Kidder was president.

### Paper Concern Generous at Christmas

Many concerns remembered their working forces with turkeys and other appetizing things for the festal boards. One of the neat presentations of the day was that at the Beckett Paper Company's mills in Hamilton, where all employes were handsomely remembered on the Saturday preceding Christmas with \$5 extra in their pay envelopes as a Yuletide token. Brand new five-dollar bills were used instead of gold pieces, as the banks generally reserved their supply of gold, due to the natural hoarding of the holiday coins. Experience has shown that few of the five-dollar gold pieces or other gold coins get into circulation after the holidays, many being hoarded for years, mostly as keepsakes. Each employe, no matter what was his position, received a five-dollar bill.

### Paper Men Honored at Middletown

The paper contingent in Middletown certainly is playing a prominent part in the management of the Country Club of that city. E. T. Gardner, of the Colin-Gardner Paper Company, was elected president at the last meeting; Judge Clarence Murphy, of Hamilton, vice-president; John Gibson, Jr., a paperman, secretary and treasurer, and C. E. Aull, also identified with the trade, chairman of the house committee, with authority to appoint two assistants; and W. C. Biehler, of Hamilton, chairman of the greens committee, with two assistants to be selected by him.

Mr. Gardner, on account of his executive ability, is considered an ideal man for the presidency, and under his regime a successful year is anticipated. Messrs. Gibson and Aull have already served as officers of the club and have conducted the affairs of the organization in such manner as to merit recognition by re-election.

### Paper Men Pushing Sale of War Stamps

Howard F. Marston, general manager of the Mercantile Corporation, which has the contract for making Government envelopes and wrappers, spent Christmas with his family at Daytona, Fla., a town named after this city by the founder, the late Adam Schantz, Sr., of the Gem City of Ohio. Mr. Marston is chairman of the War Savings Committee for Montgomery county, and owing to the importance of the work, he is hastening to return to Dayton to be "on the job." The thrift stamp sale is proceeding satisfactorily and much of the credit is due Mr. Marston and Postmaster Forrest May.

### Coal Situation Again Serious

The coal situation again became serious during the week, after it appeared that relief had been obtained. It suddenly developed  
(Continued on page 38.)

This Notice Appeared in  
 the Paper Trade Journal  
 Issue of Oct. 4th.  
 Did It Impress You  
 Then



**TRANSPORTATION???**

We have at our mills hundreds of tons of paper products to supply all of your needs, but with railroad facilities as to motive power overtaxed as they are today by the enormous movements of government needs—troops, supplies, ammunition—as well as regular fall movements of crops and coal, it is reasonable to suppose that conditions will not rapidly improve.

From September to January in any year freight becomes abnormal in volume and as well suffers unavoidable delays in transit, but when the price of paper or any other commodity, when just a little forethought now will unquestionably save time and money later. Even within the next sixty days, you may be glad to secure a shipment of any merchandise, including "PAPER AT ANY PRICE." When the mills cannot get cars to ship the railroads have no engines to haul the cars, of what value will it be to you then to secure a lower price? We cannot answer for future conditions in transportation and freight over which we both obviously have no control.

**THE ANSWER IS—ORDER NOW—or read this again in 90 days.**  
**PAPER MILLS SPECIALTY CO., Inc. CHICAGO**



**Do You  
 Believe  
 It Now?**

**If So Send  
 Us Your Orders**

**DON'T DELAY**

## DETAILS OF THE BIG AWARD TO THE TAGGARTS PAPER CO.

**Attorney Cosgrove of Cobb & Cosgrove, Who Represented the Plaintiff, Tells Story of the Case in Which Well Known New York Paper Co. Has Just Been Given a Verdict of \$190,543.27 for Thousands of Acres of Land Taken in the Forest Preserve by the State Back in 1909—It is Computed That About \$100,000 in Interest Has Accrued Since the Land Was Taken.**

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., December 31, 1917.—In an interview Attorney Cosgrove, of Cobb & Cosgrove, explained the award to the Taggarts Paper Company of \$190,543.27 by the State Court of Claims for the timber tract of 11,897 acres located in Herkimer county which was taken into the forest preserve by the State back in 1909 and which was briefly mentioned in last week's issue of the PAPER TRADE JOURNAL.

### Details of the Award

Mr. Cosgrove told of the Forest Preserve Board, under the authority of the laws of 1908, taking the forest lands of this company of about 11,897 acres, on January 9, 1909. This tract adjoined company timber lands of 5,700 acres in Lewis county. The Herkimer county land was within the "blue line" as a part of the forest preserve.

Taggarts Paper Company, under the law, reserved the right to cut and use all spruce 10 inches or more on the stump. The company cut and removed from year to year the maximum amount that could be sent down the streams until January, 1917.

The Court of Claims finds that for a reasonable and fair market value of this property as of 1909, \$190,543.27 should be paid by the state. This ruling was made on December 14, specifying the items.

7,118 acres of hard wood timber at \$8 per acre, \$56,944. 4,779 acres of lumbered and burned lands and waters thereon, at \$2 per acre, \$9,558.

2,500 cords of hemlock at \$1 per cord, \$2,500. 22,184 cords of pulp wood at \$4.25 per cord, \$94,283.15.

4,983,247 board feet of soft wood timber at \$2.50 per 1,000 feet, \$12,458.12.

Total, \$175,743.27.

### Consequential Damages Also Allowed

It is found that in addition to this "consequential" damages to the Lewis county section of the tract which was isolated by the appropriation of the Herkimer county tract is allowed in the sum of \$14,800. This makes up the full total of \$190,543.27.

Hearings were held in this case before the Court of Claims at Syracuse on November 9, 1916; in Utica on December 4, 1916; in Albany January 11, 1917, and the case was submitted March 5 and 6, 1917.

Adelbert Moot and William L. Marcy, of the firm of Moot, Sprague, Brownell & Marcy, of Buffalo, with William Allen, of Allen & McCleary, of Malone, as counsel, represented Taggarts Paper Company in this case. A. F. Jenks, deputy attorney general of the state, with Benjamin McClung as special counsel, represented the state.

Attorney Cosgrove notes that the award makes no reference to interest since the land was taken in 1909, and computes that about \$100,000 has accrued. The firm will determine steps to be taken in connection with the collection of this interest. Should the interest item be allowed the total figure would reach about \$290,543.27.

"Did the state make you any offer for this property before taking it over?" Mr. Sherman was asked.

"I had no intimation that the state desired to acquire this land prior to service of condemnation proceedings. Under the statute it has appeared to me that an offer on behalf of the state for the value of the property should have been made, but no offer was ever made.

"At the time our land was appropriated the state also appropriated some 20,000 acres of land belonging to Mary L. Fisher, deceased. G. H. P. Gould, of Lyons Falls, trustee of the estate, believing that the state exceeded its rights, started proceedings.

"Shortly after the appropriation was made a hearing was held and the personnel of the Conservation Commission was changed. The new commission believed the action of its predecessor was ill advised and annulled the proceedings. There was a distinction between the adjoining properties with respect to powers given the commission.

"Mrs. Fisher's land did not adjoin state lands and she had not been cutting other than soft woods. Taggarts Paper Company had been cutting hard wood. The state started the proceedings against the two interests jointly. If the proceedings had been brought severally it might have been unlawful. As to Mrs. Fisher, the appropriation might have been authorized by statute. On the other hand, it would appear that the appropriation was lawful as to Taggarts Paper Company."

### Endeavor to Annual Appropriation

"The Attorney general believing that the action of his predecessor was not to the best interests of the people, brought action to annul the appropriation.

"Taggarts Paper Company appropriation being of the same character but not identical with the Fisher' appropriation caused the attorney general's office to ask the Court of Claims to await decision in respect to the Taggarts Paper Company case pending decision in the Fisher case.

"The Fisher claim was brought before Supreme Court Justice E. C. Emerson, who decided that the state acted within its powers in taking the land. The Taggarts Paper Company property was not involved in this decision.

"In the fall of 1915 Taggarts Paper Company attorneys insisted upon a trial before the Court of Claims. This action has been pending since then and the award now made is the outcome.

"The case was closed last March. The hearings were held before Chief Justice Fred M. Ackerson and Associate Justices Thomas F. Fennell and William W. Webb. The long delay between the submission of the case and the award was occasioned by sickness of Justice Fennell."

### Earlier Settlement Practically Effected

"It has been stated that at a stage in the proceedings you had effected a settlement with the State on the basis of \$315,000?" Mr. Sherman was asked.

"Yes, that is so as I understand it, but for various and likely proper reasons, settlement was not made effective. Assuming that the present award of \$190,543.27 carries interest at six per cent, amounting to \$100,000, the difference between the property settlement and the award amounts to only about \$20,000.

"The settlement included a claim as to the value of water and storage of Otter Lake.

"On Taggarts Paper Company land adjoining the land appropriated, about 5,000 acres, and about a half mile from the appropriated land, exists a dam of about 15 feet which has been used for the past 25 years by the company for storage purposes. Another power below the dam is also owned by the company.

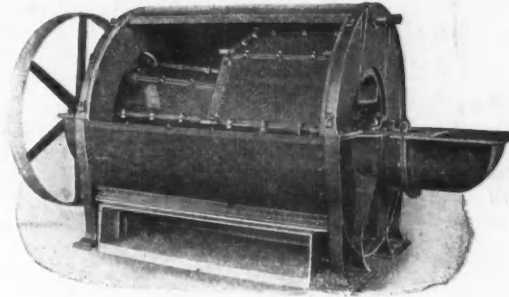
"The taking over of the Herkimer County tract caused damage to water rights here. Proof to this effect was presented by Mr. Pernie of the firm of Hazen, Whipple & Fuller, and by Edward North Smith.

"The award of the Court of Claims specifically states that no award for water rights is included, or for the loss of impounded waters in Otter Lake."

# "IMPROVED" KNOTTER

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

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



Knotter Design No. 2

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

WE ASK A THOROUGH INVESTIGATION

## IMPROVED PAPER MACHINERY CO.

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## PAPER

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- HABANA, CUBA
- SANTO DOMINGO, R. D.
- MAYAGUEZ, P.TO. RICO
- SAN JUAN, P.TO. RICO
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- Book
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- Old Rope
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- Cotton Waste
- Paper Stock
- Animal Strain
- Gunny
- Bagging

## BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

**Purchasing Officer of the Government Printing Office Opens Bids for Various Important Lots of Paper—Purchasing Officer of the Government Printing Office Makes Awards on Various Lots of Paper for Which Bids Were Opened December 19—Post Office Department Opens Bids for Envelopes—Bids and Awards on Various Lots of Paper By Other Departments of the Government.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., December 31, 1917.—The following paper bids were opened last week at the Government Printing Office:

20,000 pounds (50,000 sheets) of 22½ x 28½ in., 200 pounds, white china board; Republic Bag & Paper Company, at \$28.16 per 1,000 sheets; Megargee-Hare Paper Company, at \$30; George W. Millar & Co., at \$32; Carter, Rice & Co., at \$29.30; Champion Coated Paper Company, at \$26.50; Mathers-Lamm Paper Company, at (a) \$28.81, (b) at \$27.15; Wilkinson Brothers Company, at \$29.75; American Writing Paper Company, at \$.05 per pound; and Philip Lindemeyr, at \$.08¼.

40,000 pounds (100 rolls) of 22½ x 28½ in., 100 pounds, gray bristol board; Carter, Rice & Co., at \$.0545; George W. Millar & Co., at \$.11½; R. P. Andrews Paper Company, at \$.102; Mathers-Lamm Paper Company, at \$.0945; George W. Wheelwright Paper Company, at \$.0875; Henry Lindemeyr & Sons, at \$.07¾; Old Dominion Paper Company, at \$.0959; Republic Bag & Paper Company, at \$.0555; Wilkinson Brothers Company, at \$.11; American Writing Paper Company, at \$.06½; Philip Lindemeyr, at \$.07¼; and Megargee-Hare Paper Company, at \$.09¼.

40,000 pounds of 22½ x 28½ in., 100 pounds, green bristol board; George W. Millar & Co., at \$.08 per pound; Philip Lindemeyr, at \$.07¾; Megargee-Hare Company, at \$.09¼; George W. Wheelwright Company, at \$.08¾; Wilkinson Brothers Company, at \$.11; Old Dominion Paper Company, at (a) \$.099, (b) at \$.1169; Republic Bag & Paper Company, at \$.0555; Henry Lindemeyr & Sons, at \$.07¾; American Writing Paper Company, at \$.0675.

The following awards have been made on bids opened December 19: The Bryant Paper Company will furnish 360,000 pounds of No. 1, 22 x 42 in., 72 pounds, white M. F. printing paper, at \$.053 per pound. The Seaman Paper Company will furnish 500,000 pounds of white M. F. printing paper in 48-in. rolls at \$.0533 per pound; and the same firm will also furnish 77,000 pounds of 38 x 48 in., 154 pounds, halftone printing paper, at \$.056.

### Post Office Department Bids

Bids were opened last week by the Post Office Department for 35,000 envelopes, as follows: Union Envelope Company, at (a) \$2.43, (b) at \$2.96; United States Envelope Company, at (a) \$1.80, (b) at \$2.50; Mathers-Lamm Paper Company, at (a) \$2.25, (b) at \$3.13; R. P. Andrews Paper Company, at (a) \$1.95, (b) at \$2.35; B. F. Bond Paper Company, at (a) \$1.75, (b) at \$1.88, (c) at \$2.05, (d) at \$2.30.

Bids will be opened on January 7 by the Post Office Department for 6,000,000 8¾ x 3¾ in., 75 pounds, manila window envelopes.

The Government Printing Office will open bids on January 4 for 1,440 pounds (20 reams) of 21 x 32 in., No. 40, light pink wove writing paper; and also for 22,400 pounds (200 reams) of 26 x 28 in., 112 pounds, high finish jute manila paper.

### Bids for the Panama Canal

The following paper bids were opened the latter part of last week at the Panama Canal:

200 reams of 17 x 22 in., substance No. 24 white ledger paper;

Maurice O'Meara Company, at \$850; George W. Millar & Co., at \$1,100; Smith-Dixon Company, at \$946; Republic Bag & Paper Company, at \$1,122; R. P. Andrews Paper Company, at (a) \$934, (b) at \$878, (c) at \$854, (d) at \$768; Mathers-Lamm Paper Company, at (a) \$1,027, (b) at \$804; Old Dominion Paper Company, at \$1,169.80.

18,000 pounds of white bond paper in 17-in. rolls, substance No. 20; Alling & Cory Company, at \$2,362.50; Dobler & Mudge Company, at \$2,547; George W. Millar & Co., at \$2,610; Maurice O'Meara Company, at \$2,646; Republic Bag & Paper Company, at \$2,664; R. P. Andrews Paper Company, at (a) \$2,500, (b) at \$2,250; Mathers-Lamm Paper Company, at \$2,646; Old Dominion Paper Company, at \$2,338.20; Smith-Dixon Company, at \$2,329.20; and Graham Paper Company, at \$2,610.

20,000 pounds of white bond printing paper in 17-in. rolls, substance No. 16; Alling & Cory Company, at \$2,425; Dobler & Mudge, at \$2,830; George W. Millar & Co., at \$2,900; Maurice O'Meara Company, at \$2,940; Republic Bag & Paper Company, at \$2,960; R. P. Andrews Paper Company, at (a) \$2,800, (b) at \$2,500; Mathers-Lamm Paper Company, at \$2,940; Old Dominion Paper Company, at \$2,598; Smith-Dixon Company, at \$2,588; Graham Paper Company, at (a) \$2,900, (b) at \$2,650.

1,000 boxes of 8 x 10½-in. purple pencil carbon paper; American Sales Book Company, at \$710; Fites Ink Manufacturing Company, at \$1,000; Independent Typewriter Company, at \$750; New England Agency Company, at \$800; Tower Manufacturing Company, at \$675; R. P. Andrews Paper Company, at \$540; Federal Sales & Service Company, at \$593; J. A. Holmes, at \$750; Mathers-Lamm Paper Company, at \$550; Old Dominion Paper Company, at \$488.90; and Ward & Co., at \$605.

Bids will be opened at the Government Printing Office on January 7, for 48,000 pounds (1,000 reams) of 24 x 38 in., 48 pounds, white S. & S. C. printing paper.

### Paper Men Help to Conserve Wood

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., December 31, 1917.—Stove wood at fifteen to twenty-five cents a cord for local use is the pleasing prospect now held out by the members of the Empire State Forest Products Association in its efforts to co-operate with the State and National Fuel Administration. All the members in this section have just received circular letters on the subject from the secretary of the association. Some of the concerns owning large timber tracts have consented to the price mentioned, and it is probable the others will follow suit.

Attention is called to the aggravated fuel situation, and to relieve the pressure in the coal market by wood, it is pointed out that co-operation of every timber land owner in the State, with State and Federal authorities and the consumers, is required. The conservation commission is organizing through the Wood & Fuel Bureau at Albany, and as a first step has called upon the Forest Products Association. The members are asked to give detail data relative to the condition of their tracts.

The members are asked to co-operate, and it is expected each will approve the above price on the stump. It will give opportunity to improve the forests and decrease the fire hazard.

Frank P. Wilder, of Carthage, is vice-president of the Empire State Forest Products Association, and Frank L. Moore is chairman of the executive committee. The latter was president for many years.

Mr. Moore was asked about the plan and said it had his approval. He said the chief difficulty would arise from the lack of men to cut the stove wood. "When the coal shortage arose at Newton Falls, I succeeded in getting relief by a shipment of coal. I have made every effort to get men to cut wood, and to date have been able to hire but one man. There is plenty of dead and down timber in the woods, but it is impossible to get it cut."

# GRATON & KNIGHT

## Standardized Series

### LEATHER BELTING

*Tanned by us for belting use*

#### There's a double tax on unstandardized belting

A belt unsuitable for the work to be done can lose money for you in two ways at once—  
 The first way is hard to detect. It occurs in the gradual slowing down of machines; in reducing output; in sapping production. It is simply "leaky power."  
 The second is a direct dollars and cents loss for expensive repairs and adjustments—an unnecessary loss if the correct belt had been installed originally.  
 The high cost of *unstandardized* belting was painfully discovered by a mill superintendent recently. It was necessary to replace a 24" 3-ply belt that had given long and profitable service. The superintendent shopped around—and decided to economize by getting a 2-ply belt of a different tannage. "I guess it will do all right," he said.

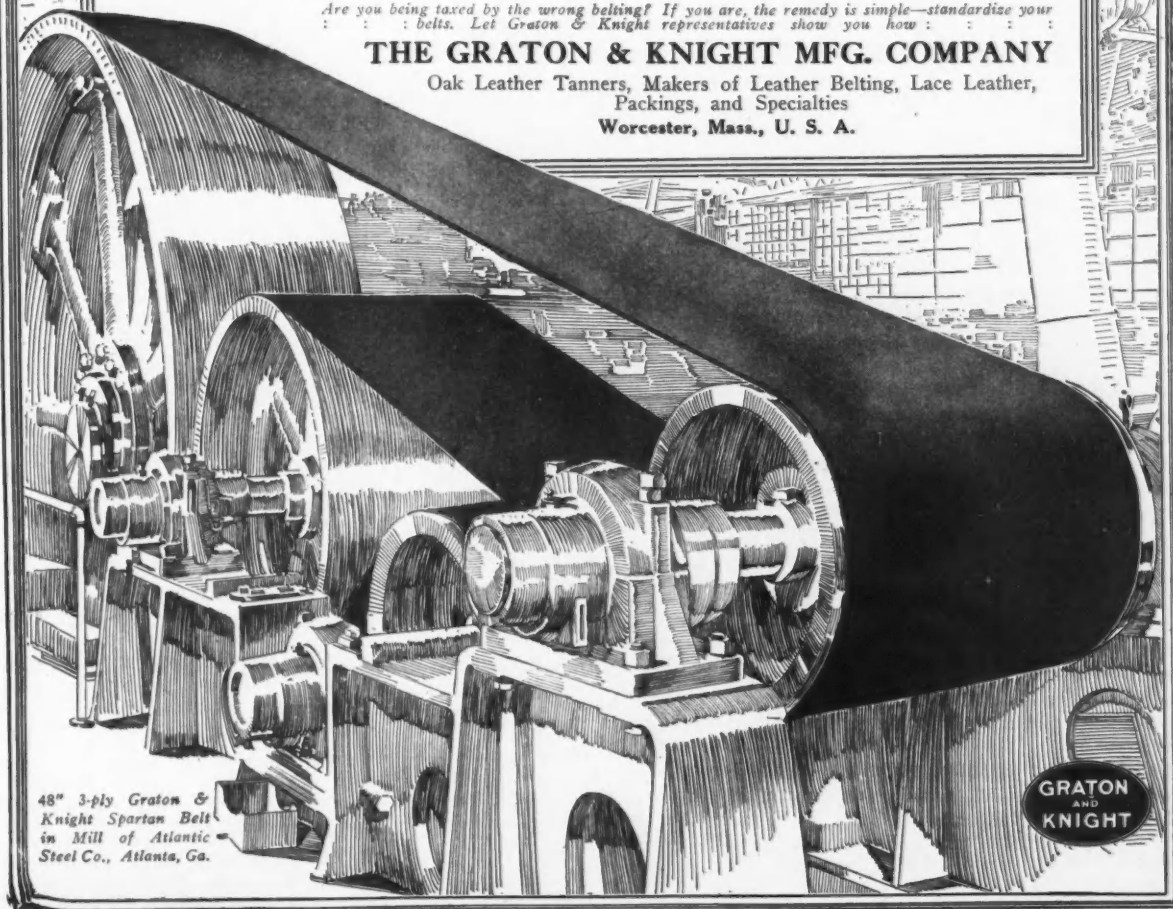
#### Here is the record of how that belt "did"—

Jan. 25	New belt installed (labor cost)	\$26.99	Feb. 22	New belt taken up	22.87
Jan. 27	New belt taken up (labor cost)	9.06	Mar. 8	New belt taken up	23.87
Jan. 28	New belt found to be too light for the work. Taken off and returned to factory to have another ply added. Old 3-ply belt repaired and put back temporarily	64.56	May 3	New belt taken up	31.37
Feb. 15	New belt with extra ply added, cost of reinstalling	24.87		Total expense	\$203.59
			May 7	Tests show efficiency of machines to be less than with the old 3-ply belt.	
			May 15	Graton & Knight 24" 3-ply Heart belt—the <i>standardized</i> leather belt for that job—installed.	

*Are you being taxed by the wrong belting? If you are, the remedy is simple—standardize your belts. Let Graton & Knight representatives show you how.*

### THE GRATON & KNIGHT MFG. COMPANY

Oak Leather Tanners, Makers of Leather Belting, Lace Leather, Packings, and Specialties  
 Worcester, Mass., U. S. A.



48" 3-ply Graton & Knight Spartan Belt in Mill of Atlantic Steel Co., Atlanta, Ga.

## PHILADELPHIA PAPER MEN ARE OPTIMISTIC ABOUT 1918

**In Spite of Labor Shortages and Transportation Difficulties Dealers Believe That Prospects for the New Year Are Favorable—Well Informed Paper Man Expresses Conviction that Prices Are Bound to Increase—Paper Trade Association to Meet January 11—Allen R. Whiting of the Whiting-Patterson Co. Is Given Testimonial Dinner—Seeking Money for Pulp Mill in Algeria.**

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, January 2, 1917.—Despite labor shortages and transportation difficulties, Philadelphia paper dealers believe that the prospects for business in 1918 are as good, if not better, than 1917. The year just closed left much to be desired, with prices in most instances far below what they should have been, but as a whole it may be said that the year was not an unsuccessful one for the paper trade in this city.

Allen R. Whiting, president of the Whiting-Patterson Paper Company, is one of the local dealers who believes that prices are bound to increase. Mr. Whiting keeps in close touch with conditions of the trade throughout the country, and his opinion is valued by members of the trade. "One thing is certain," he told the correspondent of the PAPER TRADE JOURNAL, "and that is that prices will increase in 1918. I do not look for any such spectacular rise as that of a year ago in the industry. Rather, in my opinion, it will be gradual, and, accordingly, more stable."

Many other representative dealers who have held similar views for some months have been stocking up for some time, and are prepared to take substantial profits should the market take an upward trend. One thing that has had a tendency to brace the situation here has been the refusal of these dealers to cut list prices. The trade generally is beginning to see that nothing can be gained by unloading at prices that do not return a fair profit.

### Paper Trade Association to Meet

The first meeting of the Philadelphia Paper Trade Association for 1918 will be held on January 11, when a session postponed from December will be called by President Francis A. O'Neill. Apart from the routine business to be transacted, the association will make arrangements to take up at the national convention in New York various matters of importance to local dealers. In this connection it is probable that after the general meeting next week special sessions of the fine and coarse paper organizations for this city and vicinity will be called. The association at the general meeting will take up the question of whether or not to hold the annual banquet this year. A few weeks ago the Paper Stock Dealers' Association voted to give up its annual dinner as a patriotic contribution to the food saving campaign, and some members of the Paper Dealers' Association are in favor of similar action.

### Want Money for Pulp Mill in Algeria

A movement to interest American capitalists in the financing of a pulp mill in Algeria for the manufacture of pulp from esparto grass has been started in this country, according to Duc De Richelieu, who visited Philadelphia last week as the representative of the Algerian government. His purpose in coming to this country is to bring about better trade relations with Algeria, and he is also representing the French government's anti-tuberculosis campaign.

According to this authority, Algerian planters are extremely anxious to see a pulp mill erected in their country. They say it would save the cost of transporting the bulky raw material to this country. As part of the Duc's campaign he is trying to interest

manufacturers of agricultural machinery in the Algerian market. He believes that shipments of this kind of machinery would offset the importation of the Algerian paper pulp.

"Half a million tons of prepared pulp can be brought to the United States every year at a cost no higher than the present price of wood pulp used for print paper," said the visitor. "The pulp made from esparto grass has the added value of offering a better finish for illustrations than the wood pulp paper can be given."

"Shipping facilities can be easily obtained after the war. The esparto grass grows only in Spain and Algeria, and has long been used for the manufacture of print paper pulp in England because of the peculiarly clear impression of type that it affords."

### Testimonial Dinner to Mr. Whiting

Following the removal of the Whiting-Patterson Company to in its new headquarters at 314 North 13th street, members of the sales and executive forces last week gave a testimonial dinner to the president, Allen R. Whiting. Mr. Whiting also was presented with a handsome humidior. The affair was in the hands of a committee consisting of Arthur Haise and Forrest B. Long. Twenty-four members of the Whiting-Patterson organization attended. The gathering was purely a social affair, business being forgotten for the evening.

### Use of Cars as Warehouses Must Stop

Public Service Commissioner Travis H. Whitney, who is a member of the committee to aid in clearing up freight congestion, declared Monday that the habit some consignees have of using freight cars for warehouse purposes was altogether too prevalent, and that too much emphasis could not be placed on the fact that it must stop. He said:

"As an example of the need of vigorous action to require consignees to unload cars, there is a concern in Brooklyn which sometimes has as many as twenty cars which they hold for as long as forty to fifty days without releasing them. At the present time they have five cars which they have held for three weeks. They have been notified to unload the cars immediately so that the cars can be used for other purposes.

"Many shippers have co-operated heartily in loading cars to their capacity and in unloading promptly, but this Brooklyn concern is an example which is too prevalent in New York City of consignees who use freight cars for warehouse purposes while they wait for a rise in market prices. Too much emphasis cannot be placed on the fact that warehousing in freight cars must stop."

### The Paper Industry of Florence, Italy

The paper industry is one of the most extensive in this district, writes Consul F. T. F. Dumont, of Florence, Italy. Most of the raw materials for its manufacture are imported from abroad. The rise there in the prices of wood pulp, poplar, cellulose, rags, etc., combined with advanced freights, the high price and scarcity of fuel, and a lack of certain kinds of labor, all contribute to reduce the output.

Manufacturers asked very high prices for paper, which decreased the local demand; finding foreign markets, they effected a marked increase in exports. This led to still higher prices in the domestic market, resulting in orders from the Government that only cigarette, hand made, and letter paper and envelopes might be exported, the right being reserved to grant permits for the exportation of all other kinds of paper. It is estimated that newspaper publishers require some 3,200 tons per month. Allowing for the decrease in the purchasing power of the paper lira, news print increased from \$6 per quintal (220.4 pounds) in 1913 to \$14 in April, 1917; letter paper rose 150 per cent. and wrapping paper 180 per cent. Newspapers decreased their size.





# SIX PROOFS OF SUPERIORITY

**FOOLPROOF**

AFTER pushing the "Start" Button the EC&M Automatic Compensator throws the motor into the starting connection and at the proper time automatically throws it across the line into the running connection. Pushing the "Stop" Button stops the motor.

**DUSTPROOF**

**FIREPROOF**

The case is made of one casting and the cover is bolted on with a gasket. The wires are brought out under the cover which overlaps the case.

**GASPROOF**

**EXPLOSIONPROOF**

The contacts are made and broken under oil.

**WEATHERPROOF**

WRITE FOR BULLETINS AND PRICES

**THE ELECTRIC CONTROLLER & MFG. CO.  
CLEVELAND, O.**



**E.C. & M.  
COMPI**

**AUTOMATIC  
ATOR**

## Obituary

Thomas Pearson

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., December 31.—Thomas Pearson, for 25 years superintendent of the Atlas paper mill of this city, and for many years connected with the Riverside Fibre & Paper Company, died at midnight Sunday, December 23, at his home in Kansas City, Kas., after a long illness. He was 72 years of age.

Mr. Pearson left Appleton for Kansas City about nine years ago, and for a time was connected with a paper mill there. Later he organized the Pearson Paper Box Company, of which he was president, and his son, Harvey G. Pearson, is secretary and treasurer.

The deceased was one of the original stockholders of the Riverside Fibre & Paper Company, and for many years was superintendent of the company's plant in this city. He was one of the veteran paper makers of the Fox River Valley.

Mr. Pearson is survived by his widow, Mrs. Lena Pearson, who is making her home with her son, George Pearson, at Dayton, Ohio. He also leaves a son at Kansas City, Harvey G. Pearson.

The body was brought to Appleton, where funeral services were held.

### Robert Bakewell Atterbury

Robert B. Atterbury of the firm of Atterbury & McKelvey, Inc., died on Sunday in his 71st year from heart failure. He leaves a widow and two daughters.

Mr. Atterbury was looked upon as the dean of the trade and was one of the most popular men in it. He, together with Mr. McKelvey, formed the firm of Atterbury & McKelvey on July 1, 1916. He was formerly president of Atterbury Brothers, which concern was organized in 1870. The business of Atterbury & McKelvey, Inc., will go on as usual.

Mr. Atterbury's home was at 339 West 85th street. He was a member of the Atlantic Yacht Club and a Mason.

### Edward G. Hewitt

Edward G. Hewitt of the firm of C. B. Hewitt & Sons died on Monday last, at the age of 82. He was single and lived with his sister at 225 Quincy street, Brooklyn, N. Y. He was a nephew of the late Abram S. Hewitt, one time Mayor of New York.

Mr. Hewitt had been with the firm of C. B. Hewitt & Sons almost from its foundation.

### Kalamazoo Trade News

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., December 31, 1917.—Gossip of unusual interest in local paper mill circles is going the rounds to the effect that Phil T. Baltz will return to the King Paper Company and be given a responsible position in the sales department of that concern. Mr. and Mrs. Baltz were residents of Kalamazoo for several years and were popular here in the better social circles. Mr. Baltz was at one time sales manager of the King Paper Company. Two years ago John F. King, vice-president and general superintendent of that company, resigned to organize the Rex Paper Company. Mr. Baltz went with him and was chosen vice-president and general manager of the new concern. About nine months later Mr. Baltz resigned from the Rex Paper Company and took up his residence in New York City, where he took a responsible position in the sales department of the Ticonderoga Pulp & Paper Company. He has since resigned that position and is at present visiting relatives in Indiana with Mrs. Baltz.

The rumor that he is to come here is as yet unconfirmed, as

A. L. Pratt, president of the King Paper Company, declines to discuss the matter in any way.

It is understood that should Mr. Baltz return to Kalamazoo it will mean the retirement of Clarence A. Bradford, now general sales manager of the King Paper Company. His plans are unknown to date, but it is expected he will form other business associations in Kalamazoo and continue as a resident of this city. Mr. Bradford is an attorney at law and is recognized as one of Kalamazoo's most capable paper mill sales managers. He is at all times courteous and his future in this industry seems bright.

Donald Ara Wheat, son of Mr. and Mrs. A. A. Wheat, and Miss Margaret Levett were married Christmas afternoon at 4 o'clock at the home of the bride's sister, Mrs. Charles Scott, in this city. The immediate families of the contracting parties were the only ones present. Rev. F. W. Kendrick, pastor of the First Methodist-Episcopal Church, officiated.

The bride is a very popular Kalamazoo girl, who since her graduation from the Western Normal has been teaching in the public school of South Haven. Mr. Wheat, for three years, was a student at Kalamazoo College and during his undergraduate years was an active and very popular member of the football team and of the Glee Club. Mr. and Mrs. Wheat left Christmas night for Petoskey.

Mr. Wheat, after being associated with his father, A. A. Wheat, in the paper business in Elkhart, Ind., is now manager of the Wheat Paper Company in Petoskey, Mich., where they will reside.

### Boston Paper Firm Sends Out Unusual Calendar

The Hollingsworth & Vose Company, Boston, Mass., is sending out a very attractive calendar which shows a reproduction of "The Sun Vow," by the sculptor, Hermon A. MacNeil. This reproduction is used by permission of the Metropolitan Museum of Art.

The group shown was made to illustrate the method by which the young Indian at the stage of squaw helper develops to warrior by proving his prowess with the bow and arrow. In line with the old chief's eye, he throws his arrow directly in the face of the sun. If the arrow maintains its direction long enough to pass out of vision, the youth has qualified to begin as a warrior.

The authenticity of this legend cannot be vouched for, but it was gathered during Mr. MacNeil's studies among the Indians. This explanation is merely an incident on which the sculptor tried to base the artistic grouping of youth and age—youth opening and age closing.

### War Trade Manual for Shippers

L. E. Van Norman, chief Division of Information, of the War Trade Board, Washington, announces that since considerable of the data in the "Rules and Regulations of the War Trade Board," which has been distributed very widely throughout the country, has now been superseded by new rulings and lists, the Division of Information of the board is preparing a "War Trade Board Manual for Shippers," which will contain only data in force at the time of its publication.

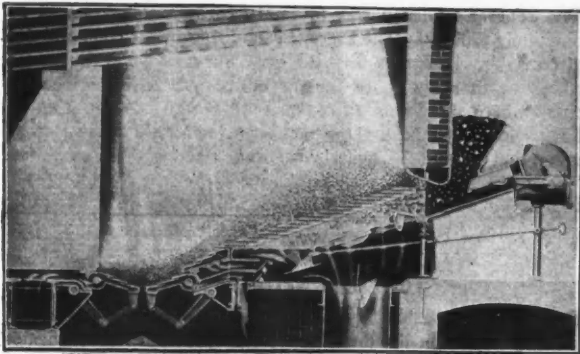
### Lake Erie Congress Cap

We have an inquiry as to who manufactures Lake Erie Congress Cap watermarked paper. Information regarding this matter sent to the office of the Lockwood Trade Journal Company, 10 East Thirty-ninth street, New York, will be greatly appreciated.

An out of date directory is unreliable and may cause a great deal of inconvenience. Lockwood's Directory of the Paper, Stationery and Allied Trades for 1918, which has just been issued, is thoroughly up-to-date. Order now from the Lockwood Trade Journal Company, 10 East 39th Street, New York.

# Westinghouse

## *Underfeed Stokers*



### The Westinghouse Underfeed Stoker Burns

A Great Variety of Fuels Satisfactorily—Ranging from the High-Volatile Eastern to the High-Ash Western Coals and Lignite.

This stoker is operating satisfactorily as far West as Wyoming, as far East as Massachusetts, as far North as Minnesota and as far South as Louisiana.

If you are a Westerner, we ask you to personally investigate our Western Plants. If a Northerner, Easterner or Southerner, we ask again that you personally visit our installations in your territory.

We believe it will be more satisfactory for you to get the facts first-hand.

Write for a list of installations near you.

Westinghouse Electric & Mfg. Co.

East Pittsburgh, Pa.

880



## Recent Incorporations

THE WANDER PRESS, Manhattan, New York, 200 shares preferred stock, \$100 each; 2,000 shares common stock no par value; active capital, \$30,000. Incorporators: B. H. Wander, A. Merrow, A. J. Kobre, 115 West 122nd street.

McGraw-Hill Company, Manhattan, New York, printing and publishing. Capital, \$8,000,000. Incorporators: E. N. Moore, E. T. Magoffin, L. D. Baldwin, 27 Pine street.

OLIVER H. PATTERSON, Manhattan, New York, printing and publishing. Capital, \$10,000. Incorporators: W. J. Ryan, L. C. and O. H. Patterson, 59 West Thirty-seventh street.

M. HOUSMAN, Brooklyn, New York, printing, publishing and paper boxes. Capital, \$10,000. Incorporators: J. McCreery and B. and M. Housman, 101 Eighteenth street, Brooklyn.

### World's Trade in Sulphur Shifted

"The heavy industrial chemicals are constantly playing a more important part in industry and in international trade, as new processes are discovered and new markets for them developed," says an article in the *Americas*, published by the National City Bank. "The war has had profound effects on both their production and their movement, a part of which are merely temporary, but a considerable proportion of which will undoubtedly persist."

Regarding sulphur the article continues as follows:

"The world's trade in sulphur, or brimstone, which normally is used chiefly in the manufacture of paper pulp, has also been shifted. It forms a larger item of trade than the manufactured pulp, and is mined in comparatively few places. The movement may be seen from the following table, for 1913:

	Tons		
	Pro- duction.	Net imports.	Net exports. Consumption. (Small)
Italy and Sicily .....	413,727	.....	414,717
United States .....	311,640	.....	67,101
Japan .....	65,467	.....	11,650
Spain .....	62,653	.....	.....
New Zealand .....	12,000	.....	.....
Austria .....	10,561	38,142	.....
Chili .....	4,400	.....	4,400
Canada .....	.....	32,984	32,984
Germany .....	1,251	43,265	44,516
Great Britain .....	.....	18,518	18,518
Sweden .....	.....	39,715	39,715

"The war through cutting down shipping facilities has caused a decrease in production. In spite of the war demands at home American sulphur is now a factor in the world markets, together with Japanese, which has largely driven Sicilian sulphur out of the markets of the Orient. Exports from Japan in 1916 were 52,282 tons, of which 13,280 tons came to the United States. This was the chief constituent of the small sulphur imports of this country, which totaled only 22,235 tons. The American output is in a strong position, practically all the sulphur produced being handled by two companies controlling the Louisiana and Texas fields, who sell direct to consumers. The investment called for is heavy."

### New Chemical Plants in 1917

The year of 1917 closed upon a record period in the chemical industry. With the addition of the December figures the capital invested in this field reached a total of \$146,160,000. The figure for last year is just a shade lower than the aggregate for the entire war period up to the close of 1916. Great strides were made in the year just completed in the formation of these new concerns for the manufacture of chemicals and dyes. Every branch of the industry has been well represented in the past year, and the impetus given to the production of domestic dyes has resulted in the formation of numerous companies solely for the manufacture of articles which the Germans formerly controlled.

The release of some of the most important German patent rights in the chemical and dye industries has opened the way for still

greater production, and manufacturers face the new year full of hope and certain that 1918 will be another record-breaking chapter in the history of the production of these commodities. Even the demands of the nation upon the resources and wealth of its citizens are not considered a sufficiently important factor to cause any diminution in the production of various articles.

A comparison of the results obtained during the three years of the war period presents several interesting features. During the last five months of 1914 the authorized capital invested in chemical firms reached a value of \$16,838,000. This was shaded by the 1915 entry of \$65,565,000, while the 1916 total reached \$99,244,000. The average monthly investment for 1917 was \$12,180,000, or almost as large as the aggregate for the last five months of 1914. In February, 1916, the largest single entry was recorded, being for \$34,245,850. Two concerns organized in November, 1917, accounted for \$42,960,000. It is interesting to note that wherever there appeared an unusually large entry for the month, the fact was directly attributable to a single extraordinary incorporation.

The general tendency was to capitalize new companies at approximately \$500,000. The average capitalization per company during December, 1917, was \$398,213, and this result may be considered a fair monthly figure for the entire war period. The few months where there was an exceptionally large capitalization are brought down by the greater number of monthly entries where smaller and more consistent levels were obtained.

The average monthly capitalization for the last five months of 1914 was \$3,367,000; during 1915, \$5,463,750; during 1916, \$7,520,333, and during 1917, \$12,180,000.

### New York May Raise Paper Prices

So far neither publishers nor newsdealers in New York have taken any action on the threat made last week by the newsdealers to raise the price of newspapers to 2 cents daily and 6 cents Sunday with or without the publishers' permission, according to *The Fourth Estate*.

A committee of the dealers, under the direction of President Pickering of the National Newsdealers Association, made the rounds of the newspaper offices last Friday and Saturday and talked the price matter over with the circulation and business managers, but they were told it was strictly up to the publishers.

But so far the newsdealers' threat has not been brought officially to the attention of the New York Publishers' Association, and no call has been issued for a meeting to consider it, according to one of the members.

A man in close touch with the situation did tell *The Fourth Estate*, however, that the publishers had considered the case informally and all, except one, in the entire city, had expressed themselves in favor of the proposition made by the newsdealers, but until everybody is willing to go in on the price increase, nothing will be done.

He did say, however, that the assenting publishers were hopeful of winning over the single outstanding one and raising the price by unanimous consent.

Persons in close touch with the newsdealers say that the dealers will raise the price—possibly tomorrow—selling the Sunday papers at 6 cents. If not then, the dealers are certain to take action by January 5 or 6, if the publishers do not recognize their proposition.

In the outlying districts of the city, dealers have actually started to sell at 2 cents daily and 6 cents Sunday.

Not only in New York, but in all other cities where the prices of papers are 1 cent daily and 5 cents Sunday, the members of the National Newsdealers Association are said to be prepared to raise prices on the same basis as in New York.

The dealers say it is absolutely necessary in view of the constantly increasing business expenses and cost of living. The small margin of profit in selling newspapers at 1 cent and 5 cents is impossible to live on, they contend.

# Be Prepared

When the propositions come requiring increased production, are you equipped to handle them; or will you lose the business on account of long delivery?

Note these results obtained by installing

## G-E Motor Drive

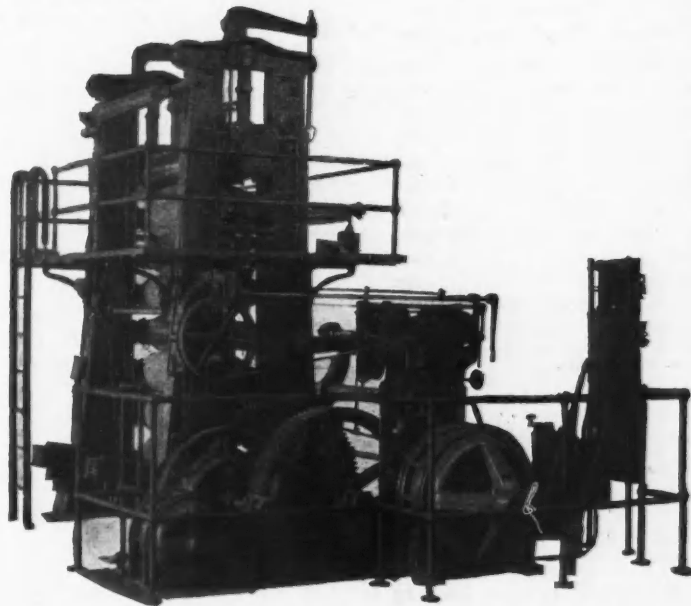
Any range of calendering speed can be obtained.

This particular two motor alternating current super calender drive gives range of calendering speed from 300 to 600 feet per minute.

Threading down speed to 30 feet.

Operator controls equipment by push buttons placed at convenient points about the stack.

This installation, due to its many advantages over the old drive methods, has shown, not only considerable saving of power but a marked increase in production.



### Special Plater Equipment

The motor being directly connected eliminates the old belt shifting device and its many disadvantages. The plater can be reversed thirty times a minute if desired.

Tests show a 25% increase in production and a 25% saving in power.

# General Electric Company

Atlanta, Ga.  
Baltimore, Md.  
Birmingham, Ala.  
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Buffalo, N. Y.  
Butte, Mont.  
Charleston, W. Va.  
Charlotte, N. C.  
Chattanooga, Tenn.  
Chicago, Ill.  
Cincinnati, Ohio  
Cleveland, Ohio

Columbus, Ohio  
\*Dallas, Tex.  
Dayton, Ohio  
Denver, Colo.  
†Detroit, Mich.  
Des Moines, Iowa  
Duluth, Minn.  
Elmira, N. Y.  
Erie, Pa.  
\*El Paso, Tex.  
Fort Wayne, Ind.  
Hartford, Conn.

General Office: Schenectady, N. Y.

ADDRESS NEAREST CITY

\*Houston, Tex.  
Indianapolis, Ind.  
Jacksonville, Fla.  
Joplin, Mo.  
Kansas City, Mo.  
Knoxville, Tenn.



Los Angeles, Cal.  
Louisville, Ky.  
Memphis, Tenn.  
Milwaukee, Wis.  
Minneapolis, Minn.  
Nashville, Tenn.

New Haven, Conn.  
New Orleans, La.  
New York, N. Y.  
Niagara Falls, N. Y.  
\*Oklahoma City, Okla.  
Omaha, Neb.  
Philadelphia, Pa.  
Pittsburg, Pa.  
Portland, Ore.  
Providence, R. I.  
Richmond, Va.  
Rochester, N. Y.

St. Louis, Mo.  
Salt Lake City, Utah  
San Francisco, Cal.  
Schenectady, N. Y.  
Seattle, Wash.  
Spokane, Wash.  
Springfield, Mass.  
Syracuse, N. Y.  
Toledo, Ohio  
Washington, D. C.  
Youngstown, Ohio

\*Southwest General Electric Company.

†General Electric Company of Michigan

FOR CANADIAN BUSINESS refer to Canadian General Electric Company, Ltd., Toronto, Ont.

GENERAL FOREIGN SALES OFFICES: Schenectady, N. Y.; 30 Church St., New York City; 83 Cannon St., London, E. C., England.

## New York Jottings

The Bishop Paper Company of 545 Pearl street during the early portion of this week was the scene of a fire. The blaze was soon extinguished, with slight damage.

The New York Times this week commences operations at the Tide Water Paper Mill, which it recently purchased from J. E. A. Dubuc and the North American Pulp & Paper Company.

Robert T. Houk, Jr., "de facto" secretary of the News Print Manufacturers' Association, has left the icy cold metropolis for the balmy breezes of St. Augustine, Fla. From all indications he may be said to be enjoying himself immensely.

The local trade was shocked to learn of the death Sunday morning last of Edward G. Hewitt, a member of the wholesale paper firm of C. B. Hewitt & Bros. Mr. Hewitt was a nephew of Abram S. Hewitt, one-time Mayor of this city.

The convention idea is spreading, with New York as the chief center of such affairs. The Wall Paper Manufacturers' Association will hold its annual convention during the first month of the New Year. The particular time and place have not been announced as yet.

A campaign has been started by local newspaper dealers to raise the price of newspapers to 2 cents daily and 6 cents Sunday. Publishers have been approached, and assenting publishers were hopeful of winning the outstanding one and thus raising the price by unanimous consent.

A statement of current earnings will probably be shortly issued by the International Paper Company. It is rumored that the past year has been a favorable one with regard to earnings and that there may be a dividend on the common stock. There is \$20,000,000 of International common stock outstanding at present. The last common dividend was paid in 1899.

Many of the local firms and some of the paper associations are complaining about the delays incident to the delivery and transmission of the mails at the present time. Recently the Merchants' Association made a test which showed a variation in the delivery of two letters mailed from the same location to buildings only a few numbers apart of from two to five hours.

The American Dry Goods Company at Grand and Mercer streets is opening a new department for the jobbing of department store supplies of all kinds, including wrapping paper, twines, tissue paper and folding boxes. This department will be under the direct supervision of the Sales Manager M. W. Burd, who will be assisted in the department by George E. Smith, formerly of James H. Dunham & Co.

"Last Monday," said the financial editor of the *Globe* on that day, "was a field day for pool operators, and the brisk fashion in which clique favorites were marked up was a pretty clear indication of the comparatively small amount of stocks speculatively held around the Street. International Paper common was marked up on information that the company's earnings statement, which will probably be shortly published, will show a gratifying surplus for the common shares." International Paper common on Monday sold up to 29½ from the year's low of 18½.

On Friday at the Hotel Astor a special meeting of the Paper Stock Division of the National Association of Waste Material Dealers was held. A report was made by the committee appointed

to confer with the sub-committee on rags of the advisory board of the Council of National Defense upon plans looking toward the upholding of maximum prices on certain grades of rags. The meeting, presided over by Chairman E. Salomon, was well attended. The grievances were voted to be submitted to the authorities at Washington owing to the inability of the two committees to agree.

Dr. Russell A. Hibbs of New York has found a new use for paper. "Among our experiments," Dr. Hibbs writes, "we have used sterilized newspapers in the dressing of clean wounds and have found them perfectly satisfactory, causing no irritation and no disturbance whatever. We have also used various forms of paper, such as those used in making towels, table cloths, napkins, etc., in the dressing of clean wounds, and have had no trouble whatever. We have used sterilized newspaper also in the dressing of suppurating wounds, but it is believed doubtful if these are sufficiently absorbent for this purpose. It is believed, however, that further study from the manufacturers' standpoint will produce a paper sufficiently absorbent for suppurating wounds."

Frederick E. Hastings, suing for himself and on behalf of other stockholders similarly situated, through his attorneys, Jacobson & Pollock, has filed an amended complaint in his action against the International Paper Company, and the directors of the company. He also asks for an injunction restraining the company from using, taking or paying any of the surplus net profits or earnings of the corporation toward paying off, refunding or retiring any of its outstanding bonds maturing 1918, 1919 and 1935. He alleges that there are about \$450,000 due the stockholders who have not yet assented to the plan of meeting accumulated dividends, and says that the net quick assets are sufficient to enable the company to pay this sum without embarrassment. He also says in his complaint, quoting the directors of the paper company, that the net quick assets of the company on December 31, 1916, were \$14,545,135. He estimates the company's net earnings for the year up to October 1, 1917, as being upward of \$2,500,000.

### F. L. Moore Gets Unique Gift

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., December 31, 1917.—A carload of hard wood for his fireplace was the unique Christmas present received by Frank L. Moore, president of the Newton Falls Paper Company, which is being delivered in his cellar at 120 Keyes avenue. Although a complete surprise to Mr. Moore, he admits that in view of the stringency in the fuel market just now the present is most acceptable.

The employees of the paper mill at Newton Falls, of which Mr. Moore has been general manager for years, made the present. They went into the woods and bought the stumpage, cut and split the nice hard wood into the proper length, loaded it into a car, about twenty cords in all, and when it reached Watertown engaged men to place it in the cellar. It is sufficient for grate fire several years, and assures the family of heat for the present winter, even though there might be no coal here.

Mr. Moore has always held warm personal relations with his men and has looked to their welfare at all times. He has kept their wages high and working conditions pleasant. Other years he has distributed turkeys and other gifts at the Yuletide season. It is in appreciation of his acts that the carload of wood was presented.

Lockwood's Directory of the Paper, Stationery and Allied Trades for 1918, contains more changes than have ever been made in any edition. Order from the Lockwood Trade Journal Company, 10 E. 39th Street, New York.

# TO OUR FRIENDS

## We Extend Our Wishes for a Happy New Year

During the year just passed we have further strengthened the bonds of firm friendship with our many patrons of previous years.

We have also begun new friendships which we are sure are lasting ones.

We have nothing but pleasant recollections of the year just passed.

We look to 1918 with hopeful expectations of larger service to the trade and view the situation for the coming year with the firm belief that it will bring its full share of prosperity to the Pulp and Paper business.

## M. GOTTESMAN & SON

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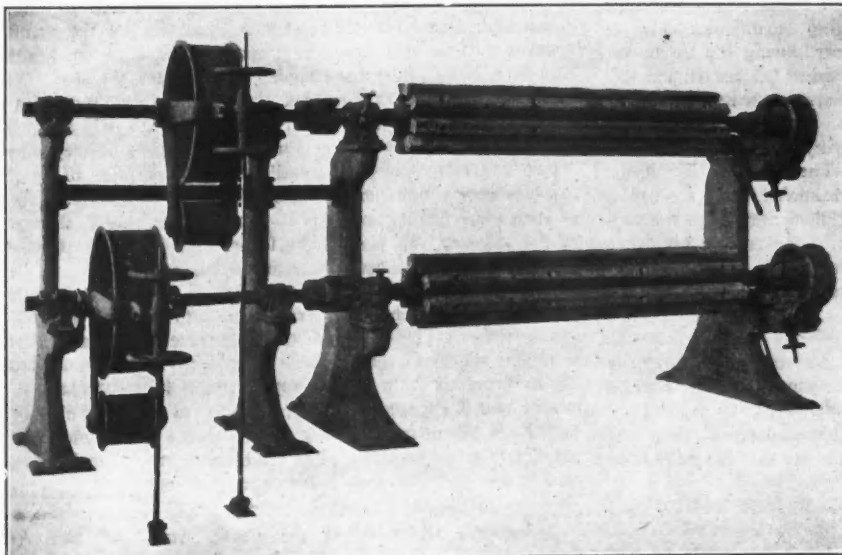
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**Builders of Paper and Pulp Mill Machinery**



### Sheet and Roll Pasting Machines

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

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QUALITY  
AND  
QUANTITY**

our high speed Straight Fourdrinier, Harper Fourdrinier and Cylinder Machines are unsurpassed.

## CANADIAN PAPER MEN ARE WORRIED ABOUT ALUM SUPPLY

**Embargo Placed by United States Government Causes Apprehension as Paper Manufacturers in the Dominion Are Dependent for Supply in Making News Print—Some Have Not Been Able to Secure Necessary Permits to Take Product from this Country—Two Score Mills Using Alum, Nearly All of Which Comes from Pennsylvania Salt Mines.**

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., January 1, 1918.—The placing of an embargo on the export of alum by the United States government is causing a little worry to paper manufacturers in Canada. Without alum the manufacturers cannot conduct their businesses and they are dependent upon the United States for a supply of this important item in the production of news print. If the American government will grant licenses to the manufacturers permitting them to obtain their supplies as heretofore a situation not without its serious aspect will have been adjusted. It is understood that some of the manufacturers have managed to obtain the necessary permits but there are others who have not.

### No Alum May Be Sent Without License

No alum can be sent out of the United States without a license from the war trade board in Washington. As soon as this was known the Canadian paper manufacturers set machinery in motion to see that they were not placed in an embarrassing position and representations have been made to the war trade board through the department of trade and commerce here. There are approximately two score paper mills in Canada using alum, most of it coming from the salt mines of Pennsylvania.

When spoken to F. C. T. O'Hara, deputy minister of trade and commerce for Canada, said the United States government was treating Canada very fairly in the matter of licenses for the export of various commodities upon which an embargo had been placed. He said he thought matters would be arranged to the satisfaction of the paper manufacturers in the new question which has arisen. In regard to whether the manufacture of paper was a war-time necessity or not, Mr. O'Hara professed to be dubious. He remarked upon the use of news print paper during the three war years and stated that a suggestion had reached his department this week that newspapers should be restricted to two issues per day only.

The local mills seem to be in a fifty-fifty position with regard to a supply of alum. According to H. I. Thomas, J. R. Booth, the well-known manufacturer of paper and lumber, has secured a license. It is held by the shipper in the United States and the supplies are coming through as usual. Mr. Thomas said his firm's supply of alum was protected by good contracts and he did not expect that there would be any trouble getting the requirements.

### Mr. Miller on the Situation

The situation is not as satisfactory from the standpoint of George H. Millen, president of the E. B. Eddy Company, Limited. He had not obtained a license when spoken to. He said if he did not get one he would have to cease the manufacture of paper as alum was an ingredient that could not be substituted. He said his mills used fully a carload and a half a month. The price was not high, ranging around 4 and 5 cents a pound. From three to four carloads are used in the Booth mill here.

Paper Controller Pringle said this morning that while he had nothing to do with obtaining licenses for the export of alum, the

situation from the standpoint of the manufacturers was anything but rosy.

### Investigating Pulp Wood Reproduction

The Commission of Conservation has been investigating the reproduction and growth of pulp wood species on cut-over areas in the St. Maurice valley, Quebec, with a view to determining what technical measures are necessary to perpetuate the vast pulpwood forests of Eastern Canada. Although the investigation is only in its early stages, some startling facts have already been revealed. It has been the opinion of lumbermen that the spruce and balsam on these heavily culled lands could be cut over every 20 years and the same amount of material obtained as before, but the investigation clearly demonstrates that, henceforth, a period of from 30 to 60 years must elapse between such cuttings if these pulp wood species are to be perpetuated.

Another interesting fact brought out is that two-thirds of the stand on these areas is hardwood. As little of this is cut, whilst the pulpwood species, such as spruce and balsam, are being regularly exploited, the problem of securing a market for the hardwoods, especially yellow birch, becomes pressing. If the pulpwood species are cut regularly as now, the hardwoods will soon monopolize the light and air of the forest and prevent the growth of the young spruce and the balsam.

### Ontario Forest Service Rearranged

Ontario has thoroughly reorganized its forestry service and put itself on a par with other up-to-date provinces whose forest services are under expert technical direction. A well qualified forester, P. Z. Caverhill, has been appointed as head of the forest service and is now making a survey of the forest resources as a basis for laying down permanent lines of policy. In this work, the Commission of Conservation has been assisting the province in an advisory capacity.

### Book Print Investigation to Reopen

The book print industry investigation reopens here on Tuesday next at the court house. There will be a two days' sitting and on the following day a session will be devoted to matters in the news print investigation not yet cleared up.

### Pineapple Fibre

This fibre, according to the Bulletin of the Imperial Institute, is produced in fairly large quantities on the island of Hainan, South China, and on the Liu-Chow Peninsula on the mainland opposite. It is also produced on a smaller scale in Formosa, Hawaii, and the Philippine Islands. In the latter, the fibre is made into fine fabrics known as pina cloth. For fibre production the plants are grown closer together than when fruit only is required in order to induce the formation of long leaves; or they may be grown under trees in partial shade. The preparation of the fibre involves very tedious manual labor, as the machine product is not of such good quality, and this is a serious obstacle to the spread of the industry. In Hainan the leaves may be gathered the first year, but it is more usual to wait till the second year, as better quality is obtained. About twelve leaves are taken from each plant, each leaf then being scraped on both sides to remove the green tissues. The fibres are then alternately macerated in cold water for six hours, then dried in the sun, for several times lasting about three days. In the Philippines, each layer of fibres is removed as it is exposed by the scraping; 50 to 60 lbs. of fibre is obtained per ton of green leaves, which is very low considering the amount of labor involved. The combings from pineapple fibre are said to give excellent results for paper making.

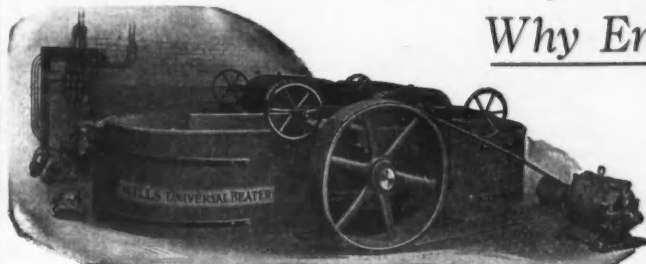
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Why Enlarge Your Beater Room?

Why Add More Power?



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

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

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

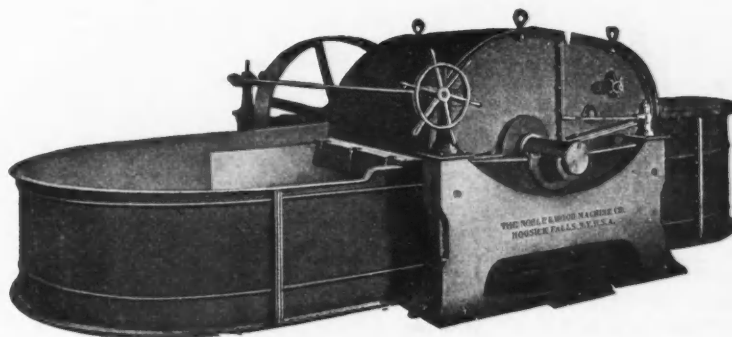
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Wood or Iron Tubs; adapted to every paper mill condition

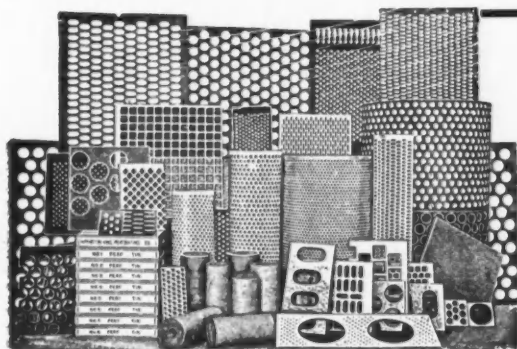
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**The Noble & Wood Machine Co., Hoosick Falls, N. Y.**



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

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

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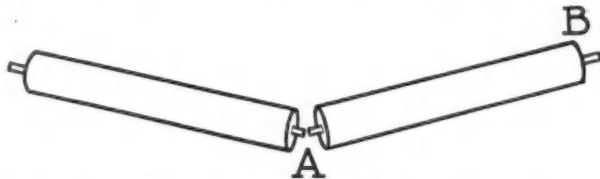
## PRACTICAL QUESTIONS AND ANSWERS FOR MILL MEN

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

### How a Felt Spreader Should Be Set

Question No. 2438.—What way should a felt spreader be set on a felt? Should A hit the felt first or should B?

Answer 2438.—The spread rolls should be set so that the roll



will turn toward the edge of the felt, thus creating a pulling out action which tends to prevent the felt from going into a wrinkle. To make it plainer as per drawing sent with your question, the



spread rolls should be set as shown in the diagram, the arrow showing direction felt is traveling.

### Willow Wood in Paper Manufacture

QUESTION No. 2439.—Why can't "willow wood" be used in the manufacture of paper? Its properties are of a soft, tough nature and the bark is an easy bark to remove. And, also, why can't "elm wood" be used, as that is very pliable? I would appreciate very much indeed if you could answer these two questions for me.

ANSWER No. 2439.—I cannot give you any exact figures on the yield of willow per cord, and do not happen to know what experiments have been made with either that or elm. The value of a kind of wood for papermaking depend on many things besides the amount of cellulose that it will produce, although that of course is the chief factor. The quantity that is available for use, as well as how accessible it is, are governing factors, as well as the direct cost per ton to manufacture the pulp. Periodically one reads in the newspapers of discoveries of new papermaking materials,

but that is as far as they generally get. You could make paper out of almost anything, but the whole thing resolves into whether it will make as good paper as cheaply as is being done at the present time by other processes and with other materials, and whether the supply is sufficiently large to keep the mills in continuous operation. The answer, of course, is obvious when this question is applied to either of the two woods that you suggest.

### News Print Per Cord of Wood

QUESTION No. 2440.—In your Questions and Answers I wish to ask: How many pounds of news print is derived from one cord of good straight spruce or fir wood?

ANSWER No. 2440.—It takes just about one cord of spruce to make one ton of ground wood pulp, but newspaper is, as you probably know, not made wholly of ground wood. Taking the average run of news at 80 per cent. ground wood and 20 per cent. sulphite, you will see that a cord of wood will not produce a ton of paper, as the yield per cord by the sulphite process is only about 1,050 pounds, with spruce, and 850 pounds with fir. I believe that the pulp mills figure on the average run of wood being around 20 per cent. fir and 80 per cent. spruce, which will give a yield of approximately 1,000 pounds of pulp per cord. Using these figures it will be seen that a cord produces, theoretically, 1,666 pounds of paper, and figuring the shrinkage at 10 per cent. lowers this figure to 1,500 pounds of paper to one cord of the average run of good wood. These figures will vary in different localities, depending on the quality of wood, its percentage of spruce and fir, and the grade of ground wood turned out, which will naturally affect the amount of sulphite necessary to strengthen the sheet and hold it together.

### Tint Coating Materials

QUESTION No. 2441.—Please let me know through your columns the names of some dyes that may be used to tint coating materials of talc and casein.

ANSWER No. 2441.—You will have to use pigment colors, and not dyes; for, as you very likely know, it is necessary to make the coating mixture alkaline in order to dissolve the casein, and that will destroy practically all dyestuffs. Also, any dye that you could use to advantage from the standpoint of economy would not be apt to be fast to light.

### Jeffrey Mfg. Co. Issues Stock List

In order to give its customers the best possible service, especially during such times as these, the Jeffrey Manufacturing Company has prepared a stock list showing material actually on hand. This is somewhat of an innovation in so far as it applies to manufacturers of elevating, conveying and power transmission machinery, and it will undoubtedly be greatly appreciated by those for whom it has been prepared.

The stock list is issued semi-monthly and contains a complete list of all available stock covering chains and attachments for

elevators and conveyors, malleable iron and steel elevator buckets, belt conveyors, spiral conveyors and fittings, take-ups, bearings, hangers, pulleys, etc., together with approximate shipping dates for various materials.

The advantage to the customer is readily appreciated, as it enables the trade to order materials which are in stock, thereby getting prompt shipment and the further advantage of eliminating extra cost which is necessary when special equipment is produced.

The stock list will be sent regularly to all who desire it upon request to any of the company's branch offices, or to the home office at 931 North Fourth street, Columbus, Ohio.

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Color Brilliant : Strength Wonderful

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## ORR FELTS AND JACKETS

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NEWS AND FAST RUNNING MACHINES

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# Editorial

Vol. LXVI. New York, Thursday, January 3, 1918 No. 1  
FORTY-SIXTH YEAR

## A Valuable Work for Paper Makers

Attention has been on various occasions directed to the value to everyone in the paper trade of Lockwood's Directory of the Paper, Stationery and Allied Trades, but the helpfulness of this work has probably never been more interestingly pointed out than in a review which appeared in the current issue of the *Pulp and Paper Magazine*, which is published at Montreal, Canada. This review is reprinted herewith to show how Lockwood's Directory is regarded by what might naturally be considered one of the most critical users of this work:

"The highest compliment that can be paid to an article is to say it is in constant use. That is true of our copy of Lockwood's Directory of the Paper, Stationery and Allied Trades. Some people think the editor of the *Pulp and Paper Magazine* knows all about every mill on the continent. The degree of his ignorance would have been exposed long ago were it not for the copy of "Lockwood's" at his elbow. It really is an information bureau.

"At the present time, when such a large part of the world depends on the United States and Canada for paper and similar products, and when so many changes in quantity and kind of product and in personnel, it is important to have an authoritative, up-to-date guide to the business.

"The fact that this is the 43rd edition shows that the compilers have had successful experience.

"The number of concerns owning mills in the United States has increased from 665 to 689 since the last edition, and the number of paper mills from 737 to 763. Pulp mills have increased from 287 to 317, but only 5 of the new ones turn out mechanical pulp, 14 being sulphite and 7 sulphate. In Canada the number of firms engaged in pulp or paper manufacture has risen from 81 to 92, and that of paper mills from 58 to 68. Pulp mills have increased by 25 per cent., i. e., from 72 to 90, but of the new mills 4 are mechanical pulp mills, with 8 sulphite and five sulphate. The list of idle mills is encouragingly short, namely, 17 paper mills (as compared with 24 last year) and 2 ground wood mills in the United States, none in Canada or Newfoundland.

"It would take too long to tell all there is in this Directory, there are 40 sections listed in the table of contents. The price is \$5, and the book is worth it; in fact the price has nothing to do with its value."

The 1918 edition of Lockwood's Directory is being rapidly exhausted, so it behooves those who have not as yet secured their copies to send in their orders as soon as possible.

## Paper Men to Help in War Saving

The committee in the paper trade of which Mr. Paul E. Vernon of Paul E. Vernon & Co. has been appointed chairman to urge the selling of War Savings Stamps has an important work to do. Just how much everyone may help in winning the war by assisting in this work is indicated by the fact that a loan of only 25 cents

by every person in the nation will provide the Government with \$25,000,000. It is the intention to raise under this plan \$2,000,000,000.

Frank A. Vanderlip, the well-known president of the National City Bank of New York, who recently offered his invaluable services to the Government at one dollar per year, says of these war savings certificates that it is among the wisest things that the Secretary of the Treasury has done. Continuing, Mr. Vanderlip says that the saving of war certificates is going to teach thrift to America. "That is a great thing," says Mr. Vanderlip. "We needed the lesson. We needed it desperately. We have not stood up very well under that hardest test of all—prosperity. We have become careless; we have become a spendthrift people. Our savings do not compare per capita with those of much poorer countries. Sweden has five times as much saving per capita as we have in this country. So has Switzerland. We have 15,000,000 depositors in savings banks. I believe we shall see 30,000,000 holders of these certificates. That will be something. It will be 30,000,000 stockholders in the United States. It will be 30,000,000 better votes; better citizens. It will be a political accomplishment that will be hard to measure, and if we are going to really teach thrift, really build up character so that it will stand self-discipline, make men and women and boys and girls ready to forego the thing of the moment that they may desire, so that they may have something of greater value in the future, stimulate industry, encourage those good old homely virtues—the virtues by which is to be measured the strength of a nation, not by its money nor by its size—then I believe we shall have gone a long way toward recomposing ourselves for the whole money cost of the war.

"But, great as it is, that is not the big thing. The thing we have got to do now is to win the war. And this is going to help us in the most direct way to win the war. If we do not accept the lesson—if we do not accept the personal responsibility—we are going to lose the war. This war is not won. It is going to be a good many months before it is won by a military decision. It is going to mean a vast amount of preparation. We have got to drill an army of soldiers, but we have got to drill a larger army, an army of many, many millions; drill them to economy, drill them to self-sacrifice, drill them to self-discipline, and, until they are drilled—until we have that unity of purpose which it will mean if we have 30,000,000 stockholders in the United States—the full force of the United States is not going to be felt in this mighty struggle.

"So there is the lesson for every one of us to take home to ourselves: not to pass on to somebody else. Do that, yes; but let us practice as well as preach. It is going to be a job of practicing day after day. You cannot be good for one hour of the day and do what you please the other twenty-three, and take much credit to yourself. You cannot buy a thrift stamp and think that you are doing your duty. In the measure that you have capacity to spend, in that measure you have got to learn to have the ability to save; not for just the good, old-fashioned reasons of economy, but for the reason that I have been trying to make plain: the fact that you are interfering with the Government when you go on with pleasure as usual."

It is to be hoped that every member of the paper trade will cooperate as much as possible in assisting Mr. Vernon's committee in this commendable work.

### Plans for Annual Meeting of A. P. & P. A.

A. B. Daniels, president of the American Paper & Pulp Association, has sent out the following communication regarding the annual meeting of the association:

The forty-first annual meeting of the American Paper & Pulp Association will take place at the Waldorf-Astoria Hotel, New York City, on February 4, 5, 6 and 7, 1918.

Monday, February 4; Tuesday, February 5, and Wednesday, February 6, will be devoted to meetings of the various affiliated associations.

The annual meeting of the American Paper & Pulp Association will take place the morning of Thursday, February 7.

Due notice will be issued, giving the hour and place of all meetings.

On account of the unusual conditions prevailing at the present time, due to the war, the Executive Council requests that all members make it a special point to attend the meeting of the American Paper & Pulp Association on Thursday, February 7, in order to consider important matters that will be presented.

The annual dinner of the association will be held at the Waldorf-Astoria Hotel on February 7, at 7 p. m. sharp.

In order that all the members desiring to attend can be accommodated, the Banquet Committee has decided to limit the attendance to seven hundred.

The price of tickets has been fixed at ten dollars each, for which you will kindly remit at the same time you make application. Tickets for the occasion will be available only to the members of the association and their guests.

No souvenirs will be given this year, and the money usually expended for this purpose will be given to some of the war activities or for the benefit of our soldiers abroad. This contribution will net approximately two thousand dollars.

I am issuing this invitation with the particular request that you send in your application for tickets on the attached form, and at the earliest possible moment, with the names of your guests, so as to enable us to make proper seating arrangements.

All requests for invitations must reach this office not later than January 25, 1918.

While it is the wish of the Banquet Committee to give each applicant the number of tickets he desires, it may be found necessary to curtail the number, and the same rule will be applied to each applicant, whereupon any money received for tickets not issued will be returned to the sender.

Refunds on tickets will not be allowed unless the request is received within forty-eight hours previous to the banquet.

The seating arrangements will be handled as follows:

Those who were seated in the first zone last year will be seated in the second zone this year.

Those who were seated in the second zone last year will be seated in the first zone this year.

Those who were seated in the third zone last year will be seated in the third zone this year.

Those who have not heretofore attended any of the banquets will be seated to the best possible advantage.

A. D. Naylor, secretary-treasurer, announces the following committees for the annual banquet of the American Paper & Pulp Association:

Committee on Resolutions.—H. W. Stokes, chairman; M. E. Marcuse, H. L. Harrington, G. A. Smith, F. S. Leonard and W. B. Van Allen.

Banquet Committee.—Alton Faunce, chairman; Louis T. Stevenson, George J. Bersster, Phillips Kimball, Alfred Frank, W. F. Robertson, G. S. Knowlton and James E. Campbell.

Reception Committee.—George W. Sisson, Jr., chairman. Mr. Sisson has been selected as chairman of the Reception Committee, but the balance of the committee will not be appointed until later.

Nominating Committee.—A. B. Daniels, chairman; F. L. Moore,

L. M. Alexander, William F. Brunner, James E. Campbell, H. P. Carruth, W. L. Carter, F. S. Harrison, W. H. Howes, J. Kindleberger, J. W. Purtil, George W. Sisson, Jr., F. L. Stevens, W. H. Shuart and J. G. Taylor.

### Discuss Shutting Down One Day a Week

WATERTOWN, N. Y., December 31, 1917.—James A. Outterson, president of several paper mills in this section, and recognized as one of the leading board manufacturers in northern New York, has been called to Washington more than once of late in connection with the Federal plan to ask all paper mills in the country to close down one day a week in order to conserve the supply of coal. It is pointed out that hundreds of tons can be saved in this manner, and those already short of supply can operate longer and at the same time not be handicapped by the operations of competitors.

Mr. Outterson has been called informally as a board paper manufacturer, and it is probable that representative manufacturers of other varieties of paper have also been called upon. Mr. Outterson has taken the matter up with several of the local manufacturers in all branches, and while the Government has not made a formal order, it is contemplated and the sentiment of the manufacturers is sought.

It is believed that from a commercial standpoint the shut-down of one day a week will not be an important hardship, for it is claimed that there exists an overproduction in all grades, including news. Book, tissue and some of the other grades are selling at a close margin of profit now, and it is believed this curtailment of production would bolster up the market.

While the owners would not suffer seriously, and lesser shipments would aid transportation congestion, it is seen that the workmen employed in the trade will be the actual sufferers. It is feared that mill organization might be seriously disrupted in some instances by the move, and it is on this account that the owners of mills feel apprehension.

### Subsidy for Paper Factory in Philippines

A bill has been introduced in the Philippine Legislature proposing to give an annual subsidy for three years, of 6 per cent of the total capital invested in the business, to any person, association, or corporation that will organize and establish a paper factory in the Philippine Islands.

The provisions of this bill would be carried out under the supervision of the Board of Infant Industries, which was created by an act passed during the first session of the legislature.

Those who desire further information concerning this measure should address the office of the Governor General, Manila, P. I.

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Packers of all kinds of

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JAMES PIRNIE, Manager, VANDERBILT BUILDING, 132 NASSAU ST.  
Branch Offices at Boston: 160 Congress St.—CHARLES H. WOOD, Mgr.

## "WATERBURY"

**Felts-Jackets**

ORISKANY, N. Y.

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

**1869** {MADE ONLY AND} **1917**  
{GUARANTEED BY}

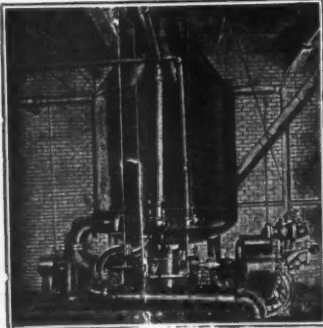
**H. WATERBURY AND SONS COMPANY, ORISKANY, N. Y.**



Would you like a screen practically noiseless, a flat plate screen? It is simplicity personified. There are no parts to get out of order; no diaphragms needing replacement.

**Watch!! It Is Out**

We have bought it. \_\_\_\_\_



This shows latest model—driven by a steam turbine—the exhaust being used to heat water for next charge.

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**Produces Strongest, Brightest and Best Pulp Obtainable from Waste Papers. Not a Mere Say-So, but a Fact.**

It de-fibres and liberates ink and color in one operation. It separates ink and color from fibres, instead of rubbing, grinding or kneading them in—thus shortening the time required for washing, and insuring a brighter pulp. The rapidly moving propeller blades actually "scrub" the fibres during the churning process.

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are International Paper Co., Burgess Sulphite Co., Gould Paper Co., Eastern Mfg. Co., Mountain Mill Paper Co., Carthage Sulphite Co. and West Virginia Pulp & Paper Co. They know the economy and service to be had by using Wyckoff Wood Pipe. You will be equally as well pleased. Write us for catalog.

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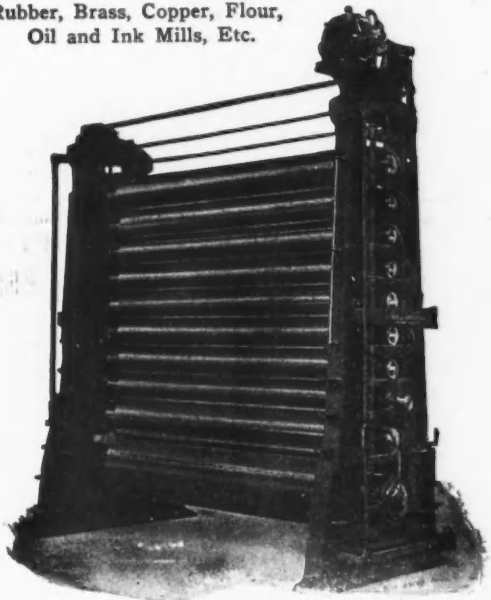
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*For Any Grade of Paper or Pulp*

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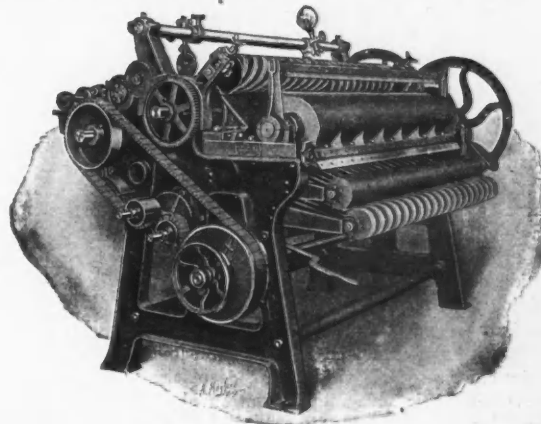
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Single, Duplex and Diagonal



Cutter Knives : Patent Top Slitters

### HAMBLET MACHINE CO.

Lawrence, Mass.

## MANUFACTURE OF CHEMICAL SULPHATE PULP

Charles N. Waite and Josef E. Hedin, of Wilmington, Del., have recently patented certain new and useful improvements in the manufacture of chemical sulphate pulp which the inventors describe as follows:

*To all whom it may concern:*

Our invention relates to improvements in the art of manufacturing chemical sulfate pulp as used in paper manufacture, and more particularly to the solution which is used in such processes for the purpose of cooking or digesting the wood. Sodium sulfid has heretofore been used in solution for this purpose, but it has been customary to obtain the sodium sulfid by the smelting of sulfate of soda with a mixture of carbonate of soda and organic matter contained in the black liquor as the result of a preceding process of digestion.

According to our process, we obtain the sulfid of sodium in the digesting liquor by the direct addition of sulfur to a caustic soda solution.

In the practice of our process we add to a solution of caustic soda (say about seven per cent. or eleven degrees Baumé) a sufficient amount of sulfur to produce a suitable quantity of sodium sulfid by reaction with the caustic soda. For ordinary purposes we find that the addition of sulfur in the amount of about 2 per cent. of the total liquor used produces good results. The sulfur should be added to the caustic soda solution while boiling, and the process should be continued for about three hours before the liquor is ready for use.

As the result of the addition of the sulfur a portion of the caustic soda has been converted into sodium sulfid leaving additional caustic soda not affected. The liquor thus formed is added in the usual digester to the wood and the process of digesting practiced as known to those skilled in this art.

In this process the liquor digests the wood with formation of a waste black liquor which is drawn off from the wood pulp which is to be used in paper manufacture. Thereafter the waste liquor is returned and from it carbonate of soda is recovered by the usual process which consists in evaporating the water and burning out the organic matter which leaves carbonate of soda. This carbonate of soda is then dissolved and lime added for the production of caustic soda. According to our process it is convenient to add the sulfur required along with the lime during this causticizing process, thereby avoiding the necessity of a separate process for the production of the sodium sulfid.

After having thus added the sulfur during the causticizing process with the production of sodium sulfid, the liquor is then again used and the process repeats itself.

By our process the formation of the digesting liquor is much simplified. The use of any smelting process is avoided and the proportion of sodium sulfid in the liquor may be regulated with much greater nicety than in previous processes.

There is a corresponding saving of the cost of raw material.

Having thus described our invention, we claim:

1. The process of manufacturing liquor to be used in the digestion of wood pulp, which consists in taking the spent liquor remaining from a previous digestion, evaporating the water therefrom, burning out the organic matter contained, dissolving the resulting sodium carbonate and at the same time adding lime, whereby caustic soda is produced, and sufficient sulfur to convert part of the caustic soda into sodium sulfid, and using the liquor thus produced for a succeeding process of digesting wood.

2. The process of digesting wood pulp for the manufacture of paper, which consists in adding to a caustic soda solution a quantity of sulfur sufficient to convert a portion of the caustic soda into sodium sulfid, and thereafter adding the liquor thus produced to the wood to be digested, drawing off from the

digested wood pulp the resulting liquor, evaporating the water therefrom, burning the organic matter, dissolving the remaining carbonate of soda and adding thereto lime and sulfur whereby there is produced a solution containing caustic soda and sodium sulfid and using the liquor thus produced for a succeeding process of digesting wood.

### SERIOUS SITUATION AT HAMILTON

*(Continued from page 16)*

that manufacturing plants and commercial concerns, as well as public utilities, had suffered more than at first was supposed, by the diversion of coal supplies to domestic consumers. Many cars of coal were taken from the sidings here for distribution to local homes, after permission to convert the shipments from manufacturing to domestic use had been secured by city officials. In most cases Ohio firms suffered, until now it is a grave question how long the acute conditions will last. A Clearing House has been formed here and the plan is working so successfully that the City Commission this week requested National Fuel Administrator Garfield to adopt the system throughout the country as the best means of solving the nation's coal problems: The pooling plan prevents coal being held on sidings for any length of time and places the fuel to immediate use by direct handling by one centralized body which is in thorough touch with conditions in its specified locality.

#### Mr. Gardner in Y. M. C. A. Work in Washington

Daytonians have been informed that Frank Gardner, of the Simonds Knife Company, of this city, and formerly a resident of Dayton, is now in charge of Y. M. C. A. work at the Walter Reid Hospital in Washington, the largest one in the country devoted to military work. Mr. Gardner is assisted by his wife. He has not lost interest entirely in selling knives to the paper trade. Last August he spent his vacation in a Southern cantonment and was then requested to devote the winter to Y. M. C. A. work at the Washington institution, and he took the matter up with the firm, with the result that satisfactory arrangements were made. The hospital is filled with soldiers, some of whom have returned from Europe. In one ward there are 100 convalescents, and Mrs. Gardner is in charge of the entertainment given the men.

#### Paper Mills at Glens Falls Busy

GLENS FALLS, N. Y., December 31, 1917.—The International Paper Company's plants in South Glens Falls, Fenimore, Palmer's Falls, Corinth and Fort Edward are running to capacity. The shortage of coal which has interfered with production in some parts of the country has not affected these mills, as they are operated by water power. A temporary shortage in a certain kind of pulp caused the shutdown of part of the Fenimore plant, but it is again running.

Finch, Pruyn & Co., manufacturers of paper and lumber, are operating both plants to their capacity. Both the International and Finch and Pruyn have sent large gangs of men to the north woods to cut a new supply of wood.

The Union Bag & Paper Corporation in Fort Edward is also receiving all the orders it can fill. Its several mills are running full blast. This corporation has the reputation of paying higher wages than any other papermaking concern.

Lockwood's Directory of the Paper, Stationery and Allied Trades for 1918, contains more changes than have ever been made in any edition. Order from the Lockwood Trade Journal Company, 10 E. 39th Street, New York.



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Brands

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AMERICAN  
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SHIPMENTS**

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John W. Bolton & Sons, Inc.

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OF EVERY DESCRIPTION

HIGH GRADE STEEL PRODUCTS FOR USE IN PAPER MILLS

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Mill Blanks, Bogus Bristols, Marble Grained Jute Boards, Clay Coated Box Boards, Binders' Board, Paper Box Board, Pasted Boards, and Paper Board Specialties

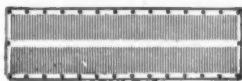
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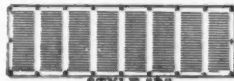
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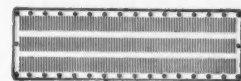
Write for our new Blue Book, just issued, containing valuable information in regard to Box Boards, Paper and Specialties.



STYLE A



STYLE B



STYLE C

**SCREEN PLATES**

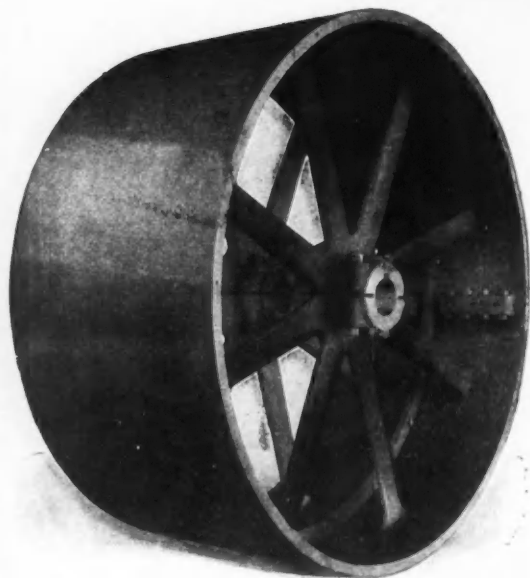
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The DOWD name is recognized as the mark of economical quality on these paper mill tools:—



Roll bars and Bed Plates, Barker, Chipper, Paper, Rag Knives, etc.

Standard machines should be equipped with knives of standard quality.

DOWD Knives are made to a standard—that standard the highest that material, experience, strong resources and honest manufacture affords.

DOWD Knives have been made to a quality standard since 1847.

Tell DOWD your knife wants—then the DOWD Standard will be yours.

**R. J. DOWD KNIFE WORKS, 1037 Race St., Beloit, Wis.**

<b>Average run in tons per month</b>	<b>708</b>
<b>Cost of wire per ton</b>	<b>.259</b>
<b>Kind of paper made</b>	<b>Hanging</b>

Compare the above record made by an "Ideal" Fourdrinier, 90 inch, for the last year with any other Fourdrinier of this size. Note the great production and the low cost of wire per ton. It is certified to by the user of the machine.

Paper makers used the old style Fourdrinier part with its shake frame supported on movable side posts, and with its other many structural defects for so many years that it became almost second nature to consider such a faulty and unsatisfactory machine a necessary evil. They were able to make paper with it, and although the time lost in repairs and the sum spent in replacing parts, ate a larger and larger hole in profits every month of every year after a machine was installed, they put up with it because nothing better was offered, much as people put up with the stage coaches, once-a-week mail delivery, and no telephone or telegraph until better things were offered.

The Ideal Fourdrinier was designed to eliminate the glaring defects of the old style machine.

It accomplished its purpose.

Send coupon for bulletin on the "Ideal" Fourdrinier.

**The Sandy Hill Iron & Brass Works**

**Hudson Falls, N. Y.**

The  
 Sandy Hill  
 Iron & Brass Works  
 Hudson Falls, N. Y.  
 Send Bulletin describing  
 Ideal Fourdrinier.

Name .....

Address .....

## NEWSPAPER PUBLISHERS ARE FOR THE SMITH RESOLUTION

**American Newspaper Publishers Association Warns Publishers About the Pitfalls in Getting Paper Supplies for 1918— Association Urges Support of the Resolutions as It Stated that there are Some Mills Out of the Agreement Particularly Through West of the Rocky Mountains— Although it Might Not Be Thought Necessary, It is Required to Complete the Situation and Make It Thoroughly Effective.**

Congressional passage of the Smith Resolution (now in the Senate), giving the Federal Trade Commission the power to fix the prices of pulp and paper, is urged by the paper committee of the American Newspaper Publishers Association, despite the fact that a settlement has been made of the differences between the news-print manufacturers and the newspaper publishers and the Department of Justice, according to *The Fourth Estate*.

"The fact that such a settlement has been reached," says the paper committee, "has induced many publishers to think that there is no need to support the Smith Resolution. On the contrary, as there are some mills out of this agreement, particularly those west of the Rocky Mountains, the paper committee urges the support of this resolution.

"The Federal Trade Commission also endorses it, and we therefore urge that it be passed. Although it might be thought not to be necessary, it is required to complete the situation and make it thoroughly effective.

"The report of the joint committee on printing on the Smith Resolution is in part as follows:

"The committee on printing, to which was referred the resolution (S. J. Res. 101) to provide for the national security and defense by assuring to the Government of the United States an adequate supply of print paper at a fair price and by insuring a supply and equitable distribution at fair prices to the industries of the United States, having had the same under consideration, reports the resolution back with the recommendation that it do pass."

"The resolution (S. J. Res. 101) is as follows:

"Whereas, by reason of a state of war now existing it is essential to the national security and defense of the successful prosecution of the war to assure a supply of print paper and its equitable distribution at a fair price in order that the Government of the United States may be assured an adequate supply of paper products, and that all proper news may be generally and efficiently disseminated: Now, therefore, be it

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Federal Trade Commission is hereby authorized and empowered to supervise, control and regulate the production and distribution of print paper and mechanical and chemical pulp in the United States, and that all mills producing and all agencies distributing print paper and mechanical and chemical pulp in the United States shall be operated on Government account; that these products be pooled in the hands of the Federal Trade Commission for the term of the war and the emergency occasioned thereby and equitably distributed at a price based upon cost of production and distribution, plus a fair profit per ton, as determined by the Federal Trade Commission: Provided, That if the compensation so determined be not satisfactory to the person, company, or corporation entitled to receive the same, such person, company or corporation shall be paid 75 per centum of the amount so determined by the Federal Trade Commission and shall be entitled to sue the United States to recover such further sum as, added

to the said 75 per centum, will make up such amount as will be just compensation for such paper, and jurisdiction is hereby conferred on the United States district courts to hear and determine all such controversies.

"Sec. 2. That the President is authorized and empowered to take all proper steps to secure the co-operation of the Government of the Dominion of Canada in the creation of a similar agency as herein provided, with like functions; and the Federal Trade Commission is authorized and empowered to act in conjunction with such Canadian agency, when appointed, to the end of fully effectuating the objects of this act.

"Sec. 3. That the President shall have power by proclamation to declare that imports into the United States during the present war emergency of print paper and mechanical and chemical pulp shall be made only on Government account, to or through the Federal Trade Commission, if and whenever he shall determine such step to be necessary in order to fully effectuate the objects of this act.

"Sec. 4. That compliance with all orders and regulations of the Federal Trade Commission made in accordance with this act shall be obligatory on any individual, firm, association, company, corporation, or organized manufacturing industry, or the responsible head or heads thereof, and shall take precedence over all other orders and contracts heretofore placed with such individual, firm, company, association, corporation, or organized manufacturing industry; and any individual, firm, company, association, corporation, or organized manufacturing industry, or the responsible head or heads thereof, failing to comply with the provisions of this act shall be deemed guilty of a felony and upon conviction shall be punished by imprisonment for not more than three years or by a fine of not exceeding \$50,000, or both."

### Profits

"The report then rehearses at length the procedure by the Government in the news print and book print matters. It draws attention to the profits in the paper industry recently and continues as follows:

"Of course it is very evident from these tremendous profits that the manufacturers of news-print paper do not want any governmental supervision or control over their products. In fact, the president of the International Paper Company, Philip T. Dodge, has been quoted as saying:

"I wish to say emphatically that our company will unalterably oppose Government regulation. The minute that begins we will start putting our machines out of business. I oppose Government supervision of our business."

Further advice of the A. N. P. A. paper committee to publishers follows:

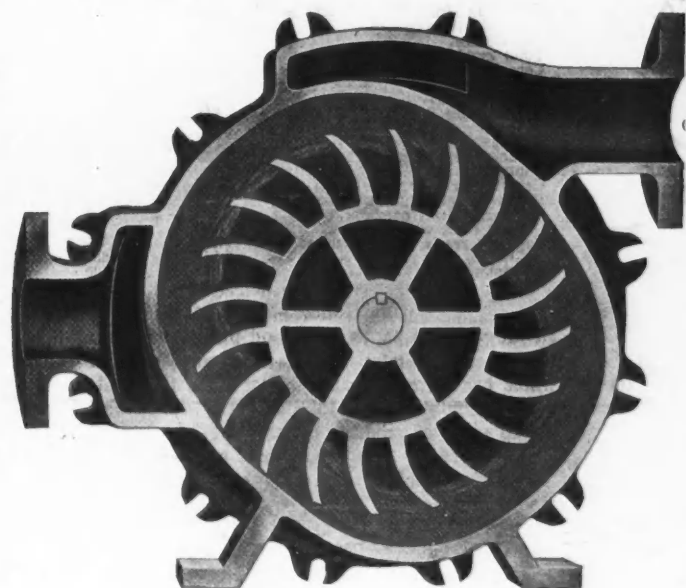
"There is on hand today a surplus of news-print paper of 300,000 tons. There will be a surplus over 1918, after allowing for decreased production due to shortage of materials, labor and cars of at least 250,000 tons more. This means that for 1918 there will be a surplus of news-print paper over consumption of 500,000 tons, that is, 25 per cent., on the basis of 2,000,000 tons produced for 1917. The result of this to the publisher is that for every four tons of paper which will be offered for sale only three can be used.

"There will undoubtedly be an enormous slump in the price of paper should publishers immediately use up all their high-priced stocks and continue using as little paper as possible in order to keep the market situation in a healthy condition.

"It must also be remembered that the price fixed by the Federal Trade Commission is a maximum, and that the competitive market now affected by the agreement between the Department of Justice and the paper manufacturers is far more important than the price fixing and other conditions involved in that agreement.

"The present prospect is that competitive market conditions will force a price during next year substantially below any price which

(Concluded on page 54.)



## NASH HYDRO-TURBINE VACUUM PUMPS

HIGH EFFICIENCY and RELIABILITY have developed the popularity of the

**Nash Hydro-Turbine Vacuum Pumps and Dryer Exhausts**

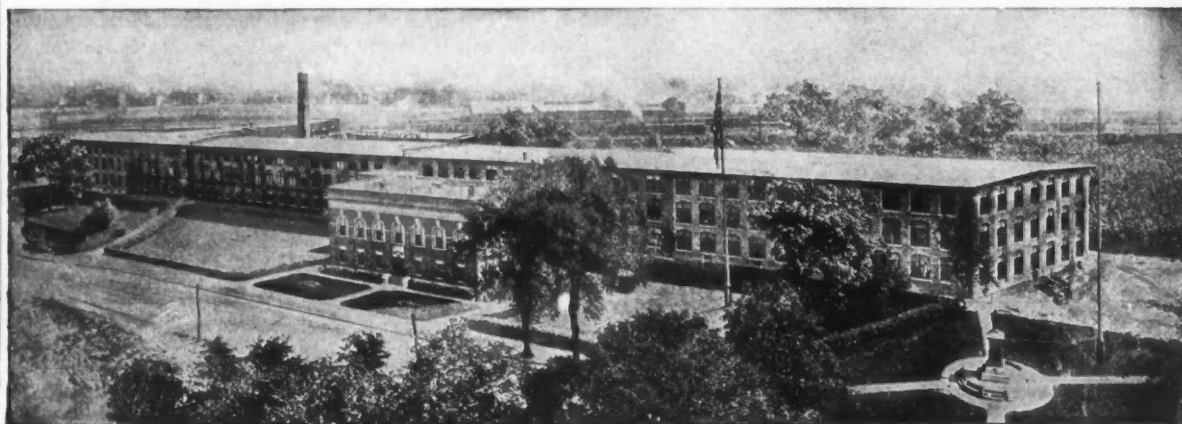
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Write for Particulars, addressing

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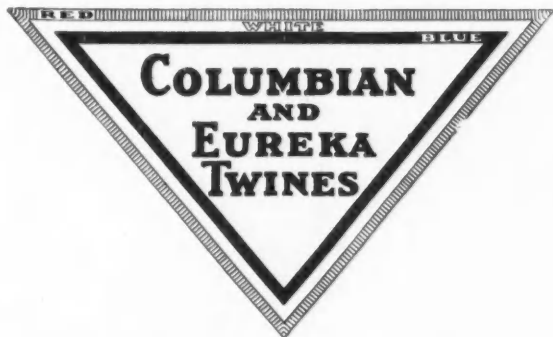




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**"SAVE WITH PAPER!"**

Save food, save fuel, save time, save tin, save leather—and in many cases effect an economy in the first cost.

Many so-called paper "substitutes" are superior to the "originals" which they replace!

Ask us to put you on the "Prattler" list—to keep in touch with this "Save with Paper" movement.

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

Cash must accompany order.

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**SALESMAN**—The largest wrapping paper and twine jobbers in Chicago want the biggest man open for the job. Must be acquainted with the trade. Salary or commission. Address Box 927, care Paper Trade Journal.

**WANTED**—Three board machine tenders, 3 board back tenders, 3 board finishers, 3 board head beatmen. For entirely new, modern, sanitary mill. Middle west. New fine bungalows for married men. Electric light, water, low rental, good schools. Would like to hear from Burbank—Teft—Lahey—Hiniman—McDearmond—Betsch—Mack—Marshall. Address W. S. Low, 205 W. Monroe St., Chicago, Ill.—5th floor.

**SULPHITE FOREMAN WANTED** for slow cook Mitscherlich Process. Must be reliable man with experience, understand acid making, with ability to handle help. Address Box 928, care Paper Trade Journal.

**WANTED AT ONCE**—Machine tender—to make Weddings and Specialties, working 8 hour shifts. Address Box 929, care Paper Trade Journal.

**RECEIVING CLERK**—A New York City Paper House wants a young man with experience handling and receiving paper, good position and future for right party. State age, experience, salary. Address Box 930, care Paper Trade Journal.

**WANTED**—Bookkeeper and office man in large book paper mill, knowledge of costs and store room records, etc., essential, one who can take charge of mill office employing 15 clerks. Address Box 931, care Paper Trade Journal.

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One 92" Dillon Single Cutter  
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and one thousand other items  
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Middletown, Ohio.

## HELP WANTED

**WANTED**—Machine tenders, experienced on three cylinder machine, \$3.50. Back tenders, \$2.75 and third hands \$2.50 by small New England mill operating three eight hour shifts. Furnish references with application. Address Box 940, care Paper Trade Journal.

**WANTED**—One harper machine tender, one beatman and two back tenders for light weight specialties in eastern mill. Good wages to steady and sober men. None other need apply. References required. Address Box 941, care Paper Trade Journal.

**PAPER SAMPLES**—Outturn clerk wanted by large export house. Excellent opportunity for advancement. Reply in own handwriting, give age, nationality, experience, and salary expected. Address Box 942, care Paper Trade Journal.

**WANTED**—Sober, industrious machine tender and back tender for fast running 110 inch fourdrinier machine making specialties, coating, novel, etc., two tours, highest wages, nice city, Eastern New York. Address Box 943, care Paper Trade Journal.

**HELP WANTED**—Machine tender with at least three years' experience on straw paper for corrugating. High wages and steady work. Address Box 944, care Paper Trade Journal.

**WANTED**—Night foreman, experienced in manufacture of straw paper for corrugating. Good wages and opportunity for advancement. Address Box 945, care Paper Trade Journal.

**WANTED**—One slow running cylinder machine, two tours. Machine man and back tender. Wages \$5.75 and \$3.65 per day. Address Box 946, care Paper Trade Journal.

**WANTED**—Coating machine men, good opportunity and steady employment for the right men. Apply Ware Coated Paper Co., Ware, Mass.

**WANTED**—Sulphite pulp machine tenders, 11 and 13 hour shifts, wages will run \$110 to \$120 per month. Location in good climate and where rents, fuel, etc., are low. Address Box 947, care Paper Trade Journal.

**FIRST CLASS MAN WANTED** to take charge of machinery end of large paper and pulp mill. High salary paid to right man. Enclose reference stating experience. Address Box 948, care Paper Trade Journal.

**WANTED**—Foreman for small toilet paper factory. State salary desired. Address Box 949, care Paper Trade Journal.

**WE REQUIRE THE SERVICES OF AGENTS** to interview newspapers for the sale of our new American Stereotype tissue, the best practical American paper made. May be handled as a side line or direct. Will give exclusive territory. Write for particulars Address Whitfield Paper Works, 33 Sullivan street, New York.

**LIVE, EXPERIENCED PAPER SALESMEN** for the most up-to-date house in New York City. Good inducements for the proper men. First come, first served. Get in on the ground floor. Don't waste your postage unless you can qualify. Address Box 951, care Paper Trade Journal.

**WANTED**—First class man with complete binder board mill experience. State in first letter full details as to age, experience and salary wanted. Address Box 953, care Paper Trade Journal.

(Continued on page 49.)

## FOR SALE

**PAPER MACHINE**—1 90" Tissue Paper Machine, 10 dryers 36" x 84," calenders, reel, Marshall Drive.

**WET MACHINES**—2 48" Wet Machines for board. **PAPER CUTTERS**—1 112" Horne 44", 41" Finlay, 76" Hamblet.

**RAG CUTTERS**—1 Taylor Heavy Type Rag Cutter, triplex bed knife.

**REAM CUTTERS**—1 48" Acme; 76", 38", 48" Cranston, 55" Seybold, 42" Sheridan.

**BOARD CALENDERS**—1 45" Farel Board Calender, 65" Downingtown.

**SUPER CALENDERS**—1 84" and 1 60" Stack Super Calenders.

**PRESSES**—6 Hydraulic Presses, 1 Boomer & Boschert Screw Press.

**JORDANS**—4 Jordan Refining Engines.

**FANS**—5 48" Perkins, 1 7" Horizontal.

**PUMPS**—1 9" x 12" Gould's Triplex, several triplex stuff and suction pumps; 2 triplex Hydraulic Pumps.

**SLITTERS**—1 50" Black & Clawson, 74" slitter and winder, 110" Kidder; 40" Kidder.

3 Shredders.

2 7" x 25" Rotary Boilers.

2 Kollergangs with stones.

2 Centrifugal, 2 Wandel Screens.

1 76" x 14 1/2" Millspaugh Suction Roll.

1 Filter Press.

4 Water Wheels.

1 Lombard Governor.

12 Three Pocket Grinders.

2 Trombley & Paul Sulphur Burners.

## FRANK H. DAVIS

175 Richdale Ave., Cambridge, B Branch, Mass.

## FOR SALE

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

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

**COATER**—One 43" double Waldron coater.

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

**CYLINDER MOULDS**—Two moulds 30" dia., 70" face.

**DRIVES**—One Moore & White No. 9 A.

**DRYERS**—26 new shells 36" dia., 124" face; 5 new shells 36" x 76"; also three 36 x 36 with frames, etc.; four 28 x 62" all ready to set up. Lot of odd dryers.

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

**JORDANS**—Emerson & Horne type Jordans.

**MACHINES**—One 72", 2 cylinder machine.

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

**ROTARIES**—About ten horizontal rotaries; three Globe rotaries.

**SCREEN**—One Wandel screen.

Also a lot of other machines which have not yet been listed. Write us for anything you want.

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

**Mills Machine Company**  
LAWRENCE, MASS.

(Continued from page 48.)

**HELP WANTED**

**WANTED**—Machine tender, millwright and beaterman by New England paper mill, operating three shifts. Furnish references with application. Address Box 904, care Paper Trade Journal.

**WANTED**—A back tender, finisher, also beater man, men having experience on chip and news board. Steady work and good wages. No strikes or labor troubles. Apply Chesapeake Paperboard Co., Key Highway, Baltimore, Md.

**WANTED**—Competent machine tender on light-weight manila tissue. Good pay, eight hours. Address Box 776, Paper Trade Journal.

**WANTED**—Two draftsmen with paper and sulphite mill lay-out experience. Write, stating age, references, experience and salary expected. Address Box 822, care Paper Trade Journal.

**POSITION OPEN FOR GOOD SOBER MACHINE TENDER AND BACK TENDER** in writing mill, located in good city in middle west. Address Box 719, care Paper Trade Journal.

**SITUATIONS WANTED**

**GRADUATE CHEMIST**, with several years' experience in sulphate pulp mill, both as chemist and foreman, desires position as superintendent or assistant superintendent with company manufacturing sulphate or soda pulp. Employed at present, but desires change. Address Box 933, care Paper Trade Journal.

**TOILET MILL SUPERINTENDENT** fifteen years' experience napkins, roll and flat toilet. Best of references. Married, steady and sober. Open for engagement January 15. Address Box 934, care Paper Trade Journal.

**SUPERINTENDENT NOW EMPLOYED WISHES TO MAKE A CHANGE.** Fifteen years superintendent of board, express, wrapping mills. Can repair or build and furnish first class references. Address Box 935, care Paper Trade Journal.

**AN EXPERIENCED BOSS MACHINE TENDER OR NIGHT BOSS OPEN FOR POSITION.** Well used to straw and test container boards and coloring. Address Box 936, care Paper Trade Journal.

**SUPERINTENDENT OPEN FOR POSITION** January 10. Well used to all grades of box boards and specialties. Good on repair work and getting mills to their fullest capacity. Address Box 937, care Paper Trade Journal.

**GOOD MACHINE TENDER WANTS POSITION.** Experienced on all grades of box board, containers, etc. Can cover cylinders, etc., and furnish first class references. Address Box 939, care Paper Trade Journal.

**POSITION WANTED AS SUPERINTENDENT OR ASSISTANT.** Experienced on tag, high grade board, and wrapping, manillas, colored specialties, tube papers, ground wood, sulphite, old papers. References. Address Box 944, care Paper Trade Journal.

**SUPERINTENDENT** wishes to make a change, have had 18 years' experience in running mill making news, manillas, bag, book and catalog papers. Well experienced in bringing up old mills. Address Box 926, care Paper Trade Journal.

**BOOKKEEPER**, with present employers seven years in tissue mill, desires to change. Efficient in office work, married, with family, temperate and over draft age. Address Box 919, care Paper Trade Journal.

**FIRST CLASS SULPHITE SUPERINTENDENT WANTS A POSITION**, also have had some experience in sulphate and ground wood pulp, had 16 years' practical experience. Can furnish first class references. Address Box 920, care Paper Trade Journal.

**SITUATIONS WANTED**

**SUPERINTENDENT WHO IS A PRACTICAL PAPER MAKER** with 18 years' experience on all the better grades of combination board, suite, box, tag and high test container wishes position. Can furnish best of references. Address Box 906, care Paper Trade Journal.

**SUPERINTENDENT**, 15 years' practical paper mill experience on most grades of paper, mechanical and industrial chemical engineer seeks permanent position with firm appreciating efficient and economical mill management. Address Box 907, care Paper Trade Journal.

**MANUFACTURERS OF BOX BOARDS** desirous of the services of a competent up to date superintendent of high grade box boards, should communicate with Box 882, care Paper Trade Journal.

**MISCELLANEOUS**

**FOR SALE**—Second hand Kidder 40" model S. L. and 60" model S. H. Slitters and rewinders, also model S. T. M. mill slitters, thoroughly overhauled and in A-1 condition. Reasonable prices. Address Gibbs-Brower Co., 261 Broadway, New York.

**FOR SALE**—Paper mill with two machines, fourdrinier and cylinder. Excellent location and well established business. For particulars address Box 923, care Paper Trade Journal.

**WANTED**—To sell interest in tissue mill, a paying corporation, present manager and stockholder wishes to retire and sell holdings. Address Box 924, care Paper Trade Journal.

**FOR SALE**

**NEWSBOARD CUTTINGS. RANGE OF SIZES: From 1" to 5" in width; from 12" to 60" in length.**  
CALIPER .230 to .330.

Apply to  
Agasote Millboard Co.  
Trenton, N. J.

**SALESMAN**

Experienced selling wrapping paper and twine in New York City. Will give a great many active accounts to the right party.

Salary and commission. Former salesmen have joined army and navy.  
Address Box 943, care Paper Trade Journal.

**INCREASING SALES**

are always a matter of interest to the manufacturer. The advertiser has demonstrated that he can produce sales and build up accounts.

Experience in both the mill end and selling. Has wide acquaintance among jobbing trade.

Best of references as to ability and character.  
Address Box 938, care Paper Trade Journal.

**FOR SALE**

1 pair 12" x 14" Variable Speed Brownell Engines, 45 to 275 R.P.M. Specially made for paper machine drive and never set up. Journals never unwrapped. We use electric power so will sell cheap. Bargain for somebody. Immediate delivery.

**CALIFORNIA TISSUE MILLS**  
LOS ANGELES, CAL.

**PICKQUICK**

This is IT



The Best

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ROLL

in the

U. S.

Write us for samples and prices. Salesman Wanted.

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

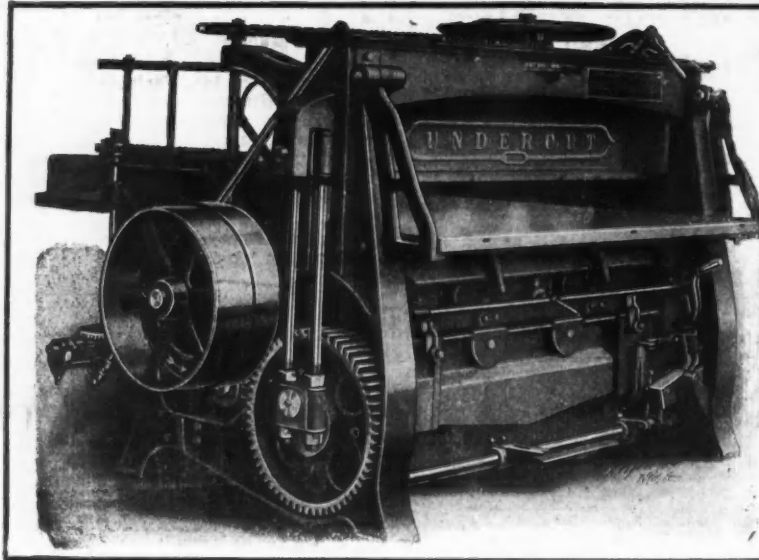
**YOUR WANTS**

are quickly supplied through the use of the

**CLASSIFIED COLUMNS**

of the  
**PAPER TRADE JOURNAL**

Thousands testify to these facts



## The Undercut Trimmer

The Paper Mill Cutter, combining the highest degree of accuracy, speed and simplicity for the most exact trimming.

The clamping power of the Undercut is not equalled by any other cutter, and assures absolute accuracy in trimming. The safety in operating an Undercut is a very important fact to be considered, as well as simplicity of design and construction carried out in the best manner and workmanship possible.

The speed of the Undercut is such that more cuts can be utilized in the working of our machine than in the high-speed cutters, which not only consume power, but wear out rapidly.

Our Power Back Gauge Drive enables the operator to handle material quickly, easily, and more in quantity than can be secured in the use of other machines.

For further and full information, call upon

### The Smith & Winchester Mfg. Co.

Builders of High Grade Paper Mill Machinery and Paper Bag Machinery  
South Windham, Conn.

## PAPER BAG MACHINERY

Flat and Square  
Satchel Bottom

Single and Duplex all Rotary Machines

We guarantee very high production and very low percentage of waste.

Jobbers supplied with Bag Machines anywhere in the United States, any number, part payment down, balance of payment from one to five years, to responsible parties. We claim to have the fastest machines made.

**LOCKPORT MACHINE CO.,** Wm. Muirhead, Prop.  
Lockport, N. Y.

TORONTO TYPE FOUNDRY CO., 79 York St., Toronto, Canada  
Agents for Canada  
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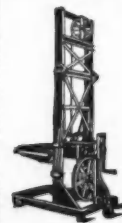
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All Sizes, to Suit Locations  
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**NORWOOD ENGINEERING COMPANY**

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## PAPER STOCK PACKERS OF ALL GRADES

**Mendelson Bros. Paper Stock Co.**

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

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Cards under this heading will be charged for at the rate of \$30 per annum for each card of three lines or less, payable in advance. Each additional line \$10.

## Architects and Engineers.

**BIGELOW, WM. C.**, Architect and Engineer, Specialties, Paper, Pulp, Fibre Mills, Hydro-Electric, Steam Power Plants, Biddeford, Maine.

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

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

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

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

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

**STEBBINS ENGINEERING AND MFG. CO.**, Architects and Engineers, Paper, Pulp, Soda, Sulphate and Sulphite Mills, Power Developments, 39-40 Smith Bldg., Watertown, N. Y.

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

## Bale Ties.

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

## Boards.

**MILLER PAPER CO., FRANK F.**, high grade specialties, Boards, East Downton, Pa.

**Guaranteed Non-Curling Gummed Papers.** **IDEAL COATED PAPER CO.**, Mills and Main Office, Brookfield, Mass.; N. Y. Office 150 Nassau St.; 452 Monadnock Bldg., Chicago.

## Metal Skylights and Ventilators

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

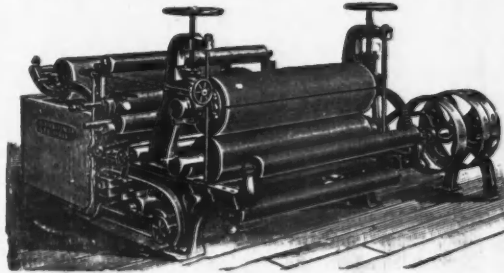
## Patent Attorneys.

**BALDWIN & WRIGHT**, 25 Grant Place, Washington, D. C. Experienced in securing patents on paper machinery.

# H. C. CLARK & SON MACHINE CO.

Manufacturers of **PAPER MILL MACHINERY**  
LEE, MASS.

Revolving Paper Cutters Rag Cutters Cylinder Paper Machines Washing and Beating Engines



Chilled Iron and Paper Calenders  
Fan and Stuff Pumps  
Engine Roll Bars and Bed Plates  
Cylinder Molds  
Marshall Drives  
Slitters and Rewinders  
Reels  
Dryers with Improved Packing Boxes  
Wet Machines  
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## Rags, Paper Stock, etc.

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

**BOYLE, LUKE**, 390 West Broadway, New York.

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

**FLYNN, MICHAEL**, 54 Columbia Street, Brooklyn, New York

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

**GRUNDY & SONS, LTD., JAMES**, Chorley, England, supply new and old rags of highest quality for paper makers. Enquiries solicited.

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

**HOFELLER, THEODORE, & CO.**, 206 Scott Street, Buffalo, N. Y., buy Bagging and Burlap Baling from Paper Mills, also Second Hand Bags, Brass Wire, Cloth, Brass Screen Plates, Scrap Brass and Paper Mill Felts.

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

**I BMMANN, JOSEPH, & CO.**, 174, 176 and 178 Hudson Street, New York

The only house in existence which deals **EXCLUSIVELY IN NEW CUTTINGS** of every grade and description.

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

**McGUIRE, MICHAEL**, 100 and 102 Tenth Avenue, New York

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## Special Machinery.

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

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

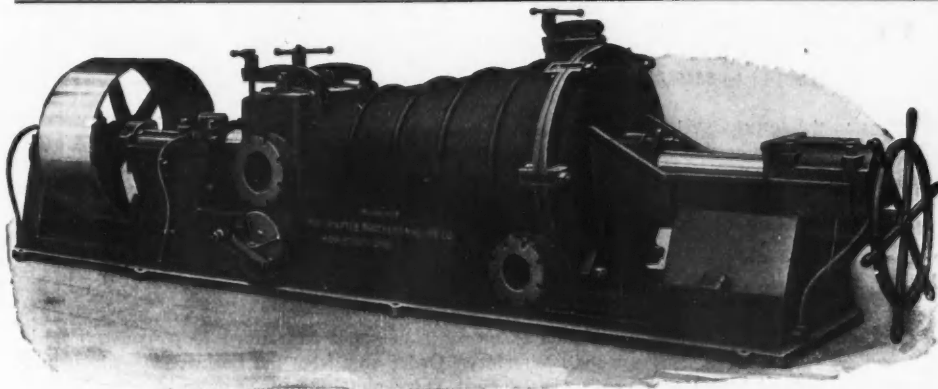
## Straw Pulp.

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

# STRATFORD PAPER CO.

MANUFACTURERS OF :: :: JERSEY CITY, N. J. :: ::

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



The  
**Shartle Bros.  
Machine Co.**  
Middletown  
Ohio

## New York Market Review

Office of PAPER TRADE JOURNAL,  
WEDNESDAY, JANUARY 2, 1918.

The year 1917 has passed into history, and though it has been a year replete with eventful incidents and even far-reaching precedents, it leaves the general paper market in a period of reaction. This reaction is quite natural and to be expected when the unusual situation facing the entire nation is taken into consideration as it must be. The last week of the past year did not bring with it any gleams of light to pierce the uncertainty immediately ahead. And yet the outlook is not gloomy or depressing, for optimism still holds its head above water in the paper industry.

All grades of paper, excepting news, had a quiet week. The imminence of the two holidays to each other and the fact that, as was the case before Christmas, some paper concerns did not open this week until Wednesday, all contributed to the passive tone.

News is still being called for quite steadily by publishers. The tonnage on hand, as compared with April 1 of last year, shows an increase, although there is nothing like the figure quoted by one gentleman in the publishers' ranks; about 200,000 tons are thought to be on hand. Publishers have been somewhat frightened by calamity tales in advertising during the coming year, but their fears have been allayed and they are reassured that advertising will not drop off. The Smith resolution shortly to be put before Congress still holds interest in local news print circles. Publishers are being vigorously asked to support the bill "as it is required to complete the situation and make it thoroughly effective." It is perhaps worth while to print the fact that the following advice with regard to news is being given out: "The present prospect is that competitive market conditions will force a price during next year substantially below any price which may be fixed by the Federal Trade Commission. . . . There is a landslide in paper prices." Publishers should be warned against the outpourings of mental indigestion.

In fine writings the demand continues fair. Bonds and ledgers are steady. Fibre papers are more or less quiet. The board market is also quiescent. Jute manilas are steady. Little change can be reported in the other grades.

### Railroad Situation May Now Ease Up

Perhaps the feature of the week outside of actual paper matters which will immediately affect paper jobbers, dealers, consumers, together with waste material dealers and jobbers, is the taking over of the railroads by Director General McAdoo. Several of the most responsible men in the local trade praised the action of the President and believed substantial results will be obtained in the relief of terminal and en route congestion.

### Forward Look in Mechanical Pulp

The year end market in mechanical pulp exhibited no change in general tendencies. The tone was easy, as it has been for some time past. The prevailing price quotation continued to be \$34@36 f. o. b. pulp mill in the East.

Several views were held in the trade as to the future developments in this market. The majority opinion seemed to be that the tone could not help but get easier for at least a little while to come. Others held that because of the labor, coal and general economic situation the market would begin to tighten up.

### Chemical Fibers Continue Course

The general trend of past months continued in the market for chemical pulp. Prices are considered fairly firm. Readjustments have been made that will probably keep them so for a few weeks at least.

On the foreign side of the market there is little to report that

is new. Scandinavian exchange has continued to ease up, although at present the dollar is rated at 76 per cent. of par compared with 95 per cent. for the same period of 1916. There has been little foreign pulp arriving, if any at all has come over.

On the domestic side of the market the following quotations are of interest. Bleached sulphite is quoted at 5.25@6.00 with unbleached at 2.75@3.25. Mitscherlich holds at 5.25@6.00. Kraft (delivered) still sells at 3.90@4.15 and slightly lower.

### Little Change in Rag Situation

Rag prices continue firm with a fair demand. Shirt cuttings are being asked for, but, as usual, there is only a limited supply available owing to the fact that cloth is being cut more economically than ever before. New white No. 1 shirt cuttings holds at 9½@9¾c, with new white No. 2 at 6@6¼c. Thirds and blues and roofing stock continue to be called for, with slight change in price, however.

Inventory at the mills is, of course, now being taken which perhaps is largely responsible for the market's quiet condition.

### Paper Stock Prices Ease Off

Little demand has caused prices to ease off slightly during the past week. Hard white No. 1 shavings are rather dull and have led the market on its downward tendency. No. 1 shavings on the average are quoted at 3.55@3.65 with some sales somewhat below this.

Mixed papers enjoyed somewhat of a demand.

### Chicago Plant for Bird & Son

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, December 31, 1917.—Manufacturing property valued at about \$175,000 was recently sold by the West Coast Roofing & Manufacturing Company et al. to Charles S. Bird and Philip R. Allen of Boston, Mass. The purchasers are members of the firm of Bird & Son of Walpole, Mass., manufacturers of paper and roofing materials, who have had an agency only in Chicago for the last twenty-five years. The company will not erect any additional buildings on the property, as rumors have stated it might do, but will simply use the present capacity for making roofings.

### New Paper Textile Company in Sweden

AB. Abies has been purchased by a Boras syndicate and will be considerably enlarged, according to Vice Consul Arthur E. J. Reilly, Stockholm. The company is engaged in the manufacture of knitting yarn, mats, and paper bags. The plant will now be transferred to Boras. All the raw material used in this manufacture is obtained in Sweden. The company will be absorbed by a newly formed joint-stock company with a minimum capital of \$800,000 which is already assured. A big factory site has been purchased in Boras, where, in temporary quarters, the manufacture will begin at once.

### To Use Sulphite for Feeding Horses

From an apparently reliable source in Sweden comes the information that through a certain process perfected in that country it has been made possible to use sulphite for feeding horses and pigs. Some factories, it is said, are being equipped for this purpose, and they will be producing considerable quantities for feeding horses in a few months' time. It is claimed that ¼ kilos of such sulphite and 1½ kilos of oats will be sufficient for one horse a day.

No buyer or seller of paper can afford to be without Lockwood's Directory. Order now from the Lockwood Trade Journal Company, 10 East Thirty-ninth Street, New York.

Market Quotations

NEW YORK Trade Securities

Bid and asked quotations of securities listed on the Stock Exchange of companies engaged in the manufacture of paper as reported on December 31, 1917, follow:

Table listing securities such as American Writing Paper Company, International Paper Company, and United Bag and Paper Corporation with bid and asked prices.

Main table of market quotations for Paper, Domestic Rags, and Foreign Rags, listing various grades and prices.

Tables for Mechanical Pulp, Chemical Pulp, Sulphite, and Sulphate, listing prices for different grades and types.

Tables for Twines and Old Waste Papers, listing various grades and prices.

Table for Old Waste Papers (f. o. b. New York), listing various grades and prices.

CHICAGO

Table of market quotations for Paper and Old Papers in Chicago, listing various grades and prices.

PHILADELPHIA

Table of market quotations for Paper and Old Papers in Philadelphia, listing various grades and prices.

(Continued on page 56.)

## IMPORTS AND EXPORTS OF PAPER AND PAPER STOCK

(Continued from page 46)

WRAPPING PAPER.			Pounds			Pounds		
England	270,569	\$28,152	Colombia	41,900	\$2,215	Uruguay	23,464	\$2,598
Canada	530	238	India	137,836	6,308	Venezuela	4,008	314
Guatemala	40,301	5,479	Dutch East Indies	273,338	13,249	Dutch West Indies	78,432	5,555
Mexico	37,874	2,543	Mexico	456,797	21,598	Australia	2,433,005	241,649
Panama	325,226	21,176	Jamaica	162,505	5,896	New Zealand	172,838	12,315
Trinidad	6,936	327	Trinidad	46,287	1,810	Morocco	2,533	274
Danish West Indies	3,059	146	British West Indies	86,392	3,219	PRINTING PAPER.		
French West Indies	7,136	396	Dutch West Indies	21,080	735	Pounds		
San Domingo	101,921	6,833	San Domingo	3,200	152	England	7,733	\$3,159
Bolivia	7,298	480	Ecuador	13,400	670	Canada	33,000	1,073
Chile	26,432	2,518	Peru	362,654	15,926	PAPER HANGINGS.		
Ecuador	12,905	1,830	Uruguay	965,124	33,275	France		\$231
Peru	106,244	9,618	Venezuela	10,222	721	England		5,285
Japan	58,799	3,934	Australia	1,083,169	53,911	Japan		3,261
New Zealand	69,491	8,331	New Zealand	64,250	4,680	Australia		423
Bermuda	9,473	623	British South Africa	17,313	1,838	PHOTO PAPER.		
Costa Rica	2,276	103	OTHER PRINTING PAPER.					
Nicaragua	6,591	485	Pounds			Pounds		
Salvador	1,987	124	Portugal	5,780	\$600	France		\$31,407
Barbadoes	10,836	2,213	England	50,670	4,307	SURFACE COATED PAPER.		
British West Indies	287,405	16,152	Bermuda	1,610	163	Pounds		
Dutch West Indies	2,904	217	Guatemala	4,822	512	France	8,892	\$3,871
Haiti	12,315	874	Panama	32,324	2,701	England	7,451	1,930
Argentina	91,716	13,318	Salvador	9,040	400	Japan	6,057	2,971
Brazil	2,904	9,088	Argentina	912,993	70,926	WRAPPING PAPER.		
Colombia	51,674	3,798	Bolivia	8,793	881	Norway	42,442	\$2,842
British Guiana	11,334	419	Brazil	1,351,730	119,310	Pounds		
Venezuela	32,910	1,617	Chile	138,193	18,805	France		\$435,204
Australia	472,441	51,455	Colombia	49,348	4,366	CIGARETTE BOOKS.		
NEWS PRINT PAPER.			China	49,731	3,480	OTHER PAPER.		
Pounds.			India	134,818	8,135	France		\$12,121
France	2,882,040	\$120,910	Japan	63,772	4,489	Switzerland		2,204
Spain	63,562	2,478	British South Africa	175,535	14,325	Canada		380
Switzerland	6,000	1,000	Mexico	528,227	34,118	Italy		1,611
England	954,001	65,261	Jamaica	3,966	3,966	England		83,997
Guatemala	11,851	967	British West Indies	49,503	5,069	Hong Kong		1,721
Panama	3,875	584	Cuba	1,265,828	100,317	Spain		374
Argentina	7,232,462	329,854	Haiti	21,405	189	Scotland		490
Brazil	4,598,537	201,854	San Domingo	3,455	963	Japan		97,644
Chile	695,344	27,906	Ecuador	10,038	963			
			British Guiana	1,060	103			
			Peru	21,736	2,289			

## NEWSPAPER PUBLISHERS FAVOR SMITH RESOLUTION

(Continued from page 42.)

may be fixed by the Federal Trade Commission. For that reason the open market is distinctly a safe place to buy paper for 1918, but certainly no formal contract should be entered into except on the basis of the Federal Trade Commission's agreement.

"There is a landslide in paper prices. Publishers should take advantage of this by holding consumption down to the minimum; by using up all stocks on hand and buying any surplus requirements next July instead of now.

## Publishers' Consent

"Publishers should be very careful that the manufacturers do not interpret a letter or verbal statement on their part as consent to an arbitrary contract for 1918.

"The agreement signed with the Department of Justice provides that manufacturers may, on request from publishers, ask the Attorney General for permission to make with them a contract outside of the benefits of this agreement.

"In view of the manner in which this notice may be given, publishers are particularly urged to be careful that no manufacturer notifies the Attorney General in their behalf that permission is desired to make such contracts, and in a case where there is any doubt publishers should immediately record their position with the Attorney General against any contract, except that under the terms of the agreement."

The following letter from D. L. Ward & Co., Philadelphia, is most interesting:

"CONTRACT—Replying to your favor of recent date, we note that you are in the market for a contract for 1918 calling for 360 tons. The amount of tonnage can easily be covered by calling it your entire supply. We will name you a price of \$3.15 f.o.b. mill, terms sight draft, bill of lading attached, this price to apply for January, February and March, and a revision thereafter every ninety days. This will give you the benefit of declining immediately.

"ADVANTAGE—I will point out to you the advantages of be-

ing under contract. If there is any legislation in Washington, unquestionably the mills will start to make other grades where the prices are higher, and your name signed to a contract would mean that they would have to supply you at the price fixed by Congress. If, on the other hand, you are not under contract, it would unquestionably mean that the mills would not take on any new commitments at any low prices. We also feel that our Philadelphia stock, which we carry at all times, and all sizes, will be very handy during the coming freight congestion, when we can ship you rolls at a moment's notice."

"There is no possibility whatever, as is shown by the book paper report published by *The Fourth Estate* last week of the manufacturers being able to turn their mills to other grades to any great extent. The Berlin Mills and the Minnesota & Ontario Paper Company had made plans to develop the sulphate and wrapping paper business, and as these plans matured they were able to carry them out. This will divert a few machines from news print.

"The legislation and price fixing in Washington do not affect this tonnage one way or the other. We reiterate our advice that on account of the enormous surplus for next year the open market or Federal Trade Commission agreement are the only ways to buy paper."

## S. C. Warner Returns to Holyoke

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., December 31, 1917.—Samuel C. Warner, who left the employ of the American Writing Paper Company, 7 years ago, to go to Ypsilanti, Mich., to take a position with a large paper mill there, returned to Holyoke last week. Previous to leaving this city, Mr. Warner was foreman in one of the Riverside Paper Company division mills for several years. He returns to Holyoke to re-enter the employ of the American Writing Paper Company.



**DAILY CAPACITY 300 TONS**

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**SPECIAL GRADERS OF PAPER STOCK  
NEW AND OLD COTTON RAGS**

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FOREIGN AND DOMESTIC

**New and Old Linen and Cotton Rags  
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Carefully assorted Paper Stock, Rags and New Clippings

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*Paper Mill Products and Supplies*

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and

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Pulp and Rag Pulp**

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Stock,  
Sizing, Sulphite  
and Soda Pulps**

200 FIFTH AVE., NEW YORK

**CASTLE, GOTTHEIL & OVERTON**

## Miscellaneous Markets

Office of the PAPER TRADE JOURNAL,  
WEDNESDAY, JANUARY 2, 1918.

The week was quiet in paper-making chemicals as far as actual business was concerned. Some items were practically without movement because of the sold-up condition of manufacturers of them. Resale lots of standard bleach are still being offered in the market below the average manufacturers' price, and this is also true of soda ash. Government requirements for caustic and bleach are removing large quantities of these items from the market, and there is little prospect of there being any large accumulation in the market for some time to come.

**ALUM.**—A steady tone is current, with more or less routine trading being carried on. Lump ammonia alum shows no quotable change, being steady at 4@4½c. per pound. Ground ammonia is quoted at 4.10@4.75c. per pound. Chrome potash alum continues at 22½@23½c. per pound on spot.

**BLEACHING POWDER.**—Quantities of prime bleach, it is said, are being offered by second hands at a figure as low as 1.85c. per pound. In contrast to this manufacturers ask as a prevailing figure 2½c., with a large percentage of them refusing quotation. Export drums are quoted as high as 3½c. per pound. The Government is now actually requisitioning 300 tons per diem from the manufacturers, and they are not in a position, it is said, to make any large offers of material on spot. Higher prices are predicted.

**BRIMSTONE.**—Old contracts continue to give a fairly steady movement to this commodity as far as the transportation situation will allow. Conditions have been untoward in this market for a good many months past and they do not seem to be changing for the better. New business at the mines is being quoted at the nominal range of \$30@36 per long ton.

**CASEIN.**—There is very little change to report. Consumers still buy moderately, with an uncertain paper market in view for the new year. Prices have shown no tendency to change over last week.

**CAUSTIC SODA.**—Second hands are the factors in the present market, with dealers holding relatively small amounts of this commodity. A wide range of prices seems to be prevalent, running from 6.50@7.50c. per pound. The Government, as has been noted previously in these market reviews, is commandeering large quantities for munition purposes. Manufacturers are practically out of spot business. Contracts are being offered for the first three months of the new year at 6.50c. per pound.

**CHINA CLAY.**—The domestic market continues firm, with a fairly good demand reported. Little change is noted over last week. The foreign side continues somnolent and this condition will last until the present hostilities are ended.

**ROSIN.**—There was no change in the rosin situation over last week. Consumers are reported as having sufficient quantities on hand. The next month is the first of the non-producing period, which will extend to May, and it is thought that during this period prices will advance. Ex-yard prices remained as follows: Grades E, F and G at \$7.10.

**SODA ASH.**—A lack of animation characterized the week's trading in this product and the market is quiet. Prices are fairly steady at 2.85@3c. for the light 58 per cent. in bags. In barrels is 3.15@3.20c. per pound.

**STARCH.**—For carload lots, freight prepaid to New York City, the following quotations are made per 100 pounds: Globe Pearl starch, in bag, \$5.56; in bbls., \$5.69. Buffalo corn starch, in bag, \$5.74; in bbls., \$5.87. Globe powdered starch, in bag, \$5.71; in bbls., \$5.87. Eagle finishing starch, in bag, \$5.96. Crystal T. B. starch, No. 90, fluidity (hand packed), in bag, \$6.26; in bbls., \$6.53. Crystal T. B. starch, No. 90, fluidity (machine packed), in bag, \$6.21; in bbls., \$6.38. These prices include the Federal excise tax of 3 per cent.

**SULPHATE OF ALUMINA.**—The demand for this product has fallen off and the market is easy, inclining to dullness. The iron-free grade is quoted at 2¾@3¼c., with the lower grade known as commercial quality quoted at 1¾@2¼c. per pound on spot.

**TALC.**—Little change may be reported, with quiet buying continuing. Old contracts are being carried out in the face of an adverse railroad situation which may change for the better.

The Ideal Coated Paper Company, of Brookfield, Mass., remembered its customers and friends during the holiday season with a handsome brass combination pen and stamp tray and calendar. This article will serve throughout the year as a valuable reminder of "Dependon" stays, gummed and ungummed, always uniform and always reliable."

## Market Quotations

(Continued from page 53)

### BOSTON

[FROM OUR REGULAR CORRESPONDENT.]

Paper		Chip Board (ton)		Old Papers	
Bonds	.09 @	35.00	@	No. 1 Hard White	4.00 @ 4.25
Ledgers	.10 @	40.00	@	No. 1 Soft White	2.75 @ 3.00
Writings—		40.00	@	No. 1 Mixed	1.25 @ 1.40
Superfine	.18 @	70.00	@	Ledger & Writings	2.50 @ 2.75
Fine	.15 @			Solid Books	1.25 @ 1.50
Fine, No. 2	.10 @			Blanks	1.75 @ 2.00
Books, S. & S. C.	.06½ @			No. 2 Books, light	.90 @ 1.10
Book, M. F.	.06 @			Extra No. 1 Manila	1.75 @ 2.00
Book, Coated	.08 @			No. 1 Manilas	1.50 @ 1.75
Label	.09 @			Folded News (over-	
News, Sheets	.05 @ .06			issues)	1.00 @ 1.15
News, Rolls	.04½ @ .05			Old Newspapers	.75 @ .85
Manilas—				Mixed Papers	.45 @ .50
No. 1 Manila	.05½ @ .07			Gunny Bagging	3.75 @ 4.00
No. 1 Fibre	.05½ @ .06½			Manila Rope	5.00 @ 5.50
No. 1 Jute	.10 @				
Sulphite, No. 1	.08½ @				
Kraft Wrappings	.05 @ .07				
Common Bogus	2.25 @ 2.75				

### TORONTO

Paper		Sulphite, news grade		Old Waste Papers	
(Mill Prices to Jobbers)		50.00	@	55.00	
Bond—		Sulphite, bleached	.110.00	@	115.00
Sulphite	11½ @	Sulphite	80.00	@	85.00
Light tinted	12½ @				
Dark tinted	13½ @				
Ledgers	15 @ .25				
Writings	10 @				
News, f. o. b. Mills—					
Rolls (carloads)	\$2.50 @				
Rolls (less than cars)	2.75 @				
Sheets (carloads)	3.25 @				
Sheets (over 2 tons)	3.50 @				
Sheets (less 2 tons)	4.00 @				
Book—					
No. 1 M. F. (carloads)	9.25 @				
No. 2 M. F. (carloads)	7.50 @				
No. 3 M. F. (carloads)	7.00 @				
No. 1 S. C. (carloads)	9.50 @				
No. 2 S. C. (carloads)	7.75 @				
No. 1 Coated and litho.	12.25 @				
No. 2 Coated and litho.	11.25 @				
No. 3 Coated and litho.	10.50 @				
Coated and litho. colored	12.50 @ 14.50				
Wrapping (car lots)	4.25 @ 6.50				
<b>Pulp</b>					
(f. o. b. Mill.)					
Ground Wood	\$30.00 @ 35.00				
Sulphite, easy bleaching	65.00 @ 70.00				

Sulphite, news grade 50.00 @ 55.00  
Sulphite, bleached .110.00 @ 115.00  
Sulphite 80.00 @ 85.00

**Old Waste Papers**  
(In carload lots, f. o. b. Toronto)  
Price purely nominal; market dead.

**Shavings—**  
White Env. Cut. 3.25 @ —  
Soft White Book Shavings 2.25 @ —  
White Blank News 1.50 @ —

**Book and Ledger—**  
Flat Magazine and Book Stock (old) 1.15 @ —  
Light and Crumpled Book Stock 1.10 @ —  
Ledgers and Writings 1.65 @ —  
Solid Ledgers 2.00 @ —

**Manilas—**  
New Manila Cut. 2.10 @ —  
Printed Manilas. 1.15 @ —  
Kraft 2.50 @ —

**News and Scrap—**  
Strictly Overissue .80 @ —  
Folded News .70 @ —  
No. 1 Mixed Papers .50 @ —

**Domestic Rags—**  
Price to mills, f. o. b. Toronto.  
Per lb.  
No. 1 White shirt cuttings \$0.07½  
No. 2 White shirt cuttings .05½  
Fancy shirt cuttings .05½  
No. 1 old whites .04½  
Thirds and blues .02½

**Per cwt.**  
Black stockings, nom. 2.25  
Roofing stock No. 1 2.15  
Roofing Stock No. 2 2.00  
Roofing Stock No. 1 2.15  
Gunny bagging 3.75  
Manila rope .05½

# The Mathieson Alkali Works, Inc.

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SALTVILLE, VIRGINIA, and at  
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## “Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

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

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## LIQUID CHLORINE

Pure, anhydrous, in improved and convenient packages.

### Soda Ash

48 per cent. and 58 per cent.

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

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Packed in Kegs, Barrels or Bags; also Cases

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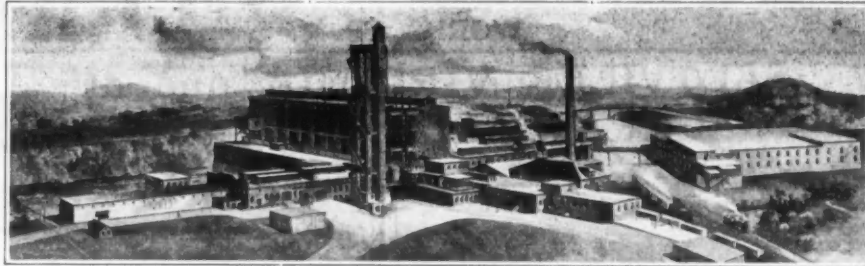
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**Daily Capacity 600 Air Dry Tons Highest  
Grade Bleached Sulphite**

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Montreal, Quebec

Sincerely wish all their friends in the Paper Trade a Happy and Most Prosperous New Year and we also wish that they would urge the United States Railway Authorities to return to Canada quickly some 19,000 box cars owing to the Canadian Roads by reason of which we are short 250 cars and cannot deliver promptly our pulp under contract.

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This illustration is of the Ramsey Patent Grinder Valve of which we are the sole manufacturers. This valve is made for use either with single pressure on the cylinder or where two pressures are desired on the cylinder. It is a piston valve of such construction that it can be kept perfectly tight with comparatively no expense.

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*Limited Offerings for Prompt Acceptance*

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# “DRYDEN” KRAFT PULP

Extra Strong, Long, Pure Sulphate Fibre

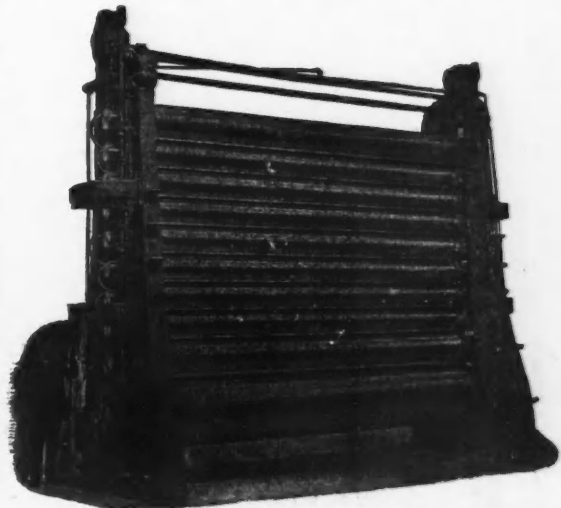
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LARGEST MANUFACTURERS IN THE WORLD OF  
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**The Union Sulphur Company**

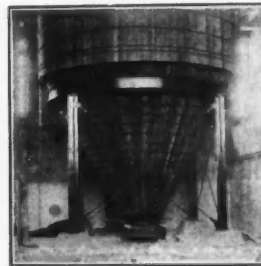
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FOR ALL  
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For every paper manufacturer we have a bureau of experts who have thoroughly investigated the paper industry and are in position to give you information how to increase the efficiency of your manufacturing process by the use of our starch.

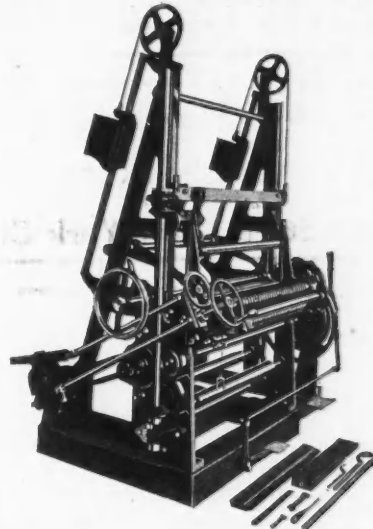
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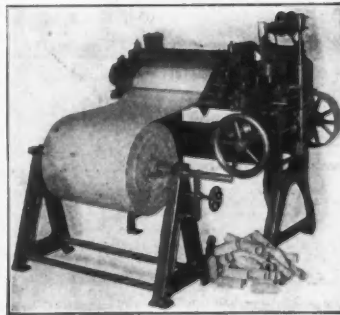
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### Automatic Tube Machines

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Capable of producing 3,600 toilet tubes per hour direct from roll or sheets cut to proper size.

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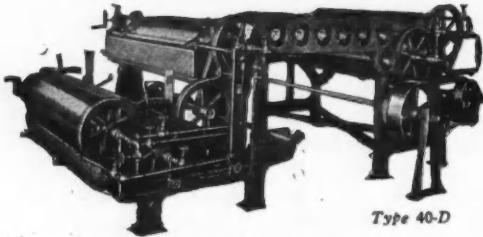
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**Waste Paper and New  
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## Wax Paper Coating Machines

Carbon Paper, Gumming and Gluing Machines



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Cuts to length all kinds of heavy Sheet Stock, Fiber and Wall Board. Gives Uniform Sheet Lengths, Clean Cut Edges, No Buckling of Web.

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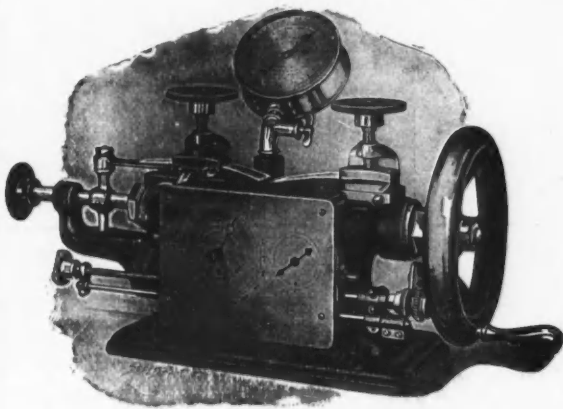
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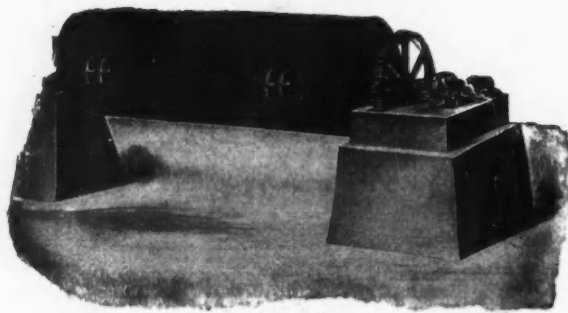
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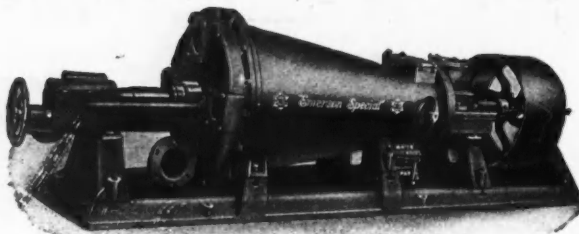


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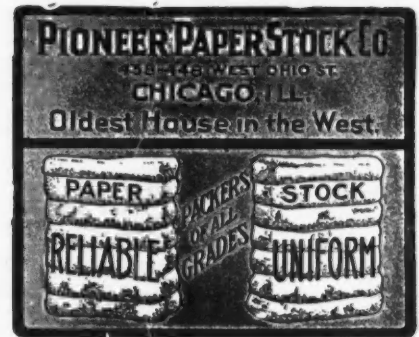
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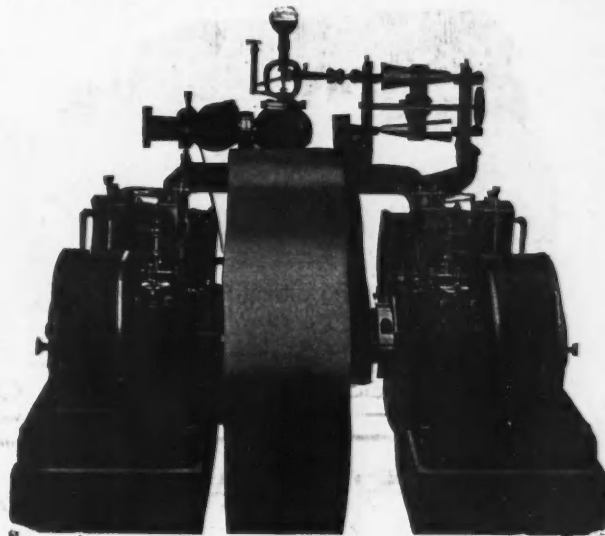
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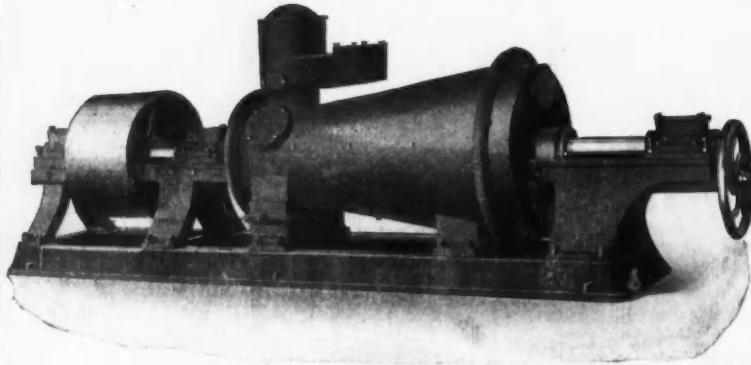
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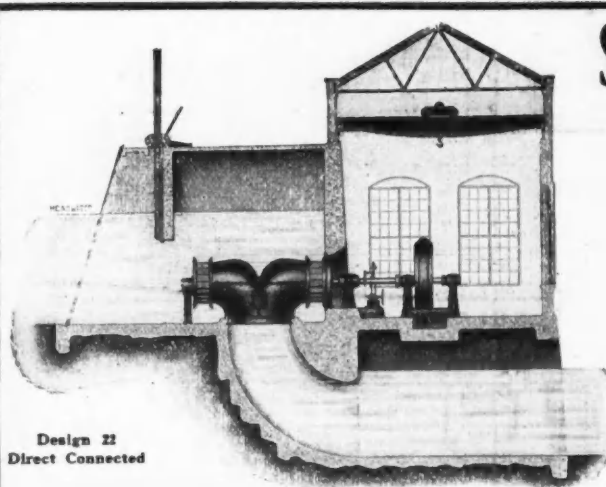
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