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PAPER TRADE JOURNAL

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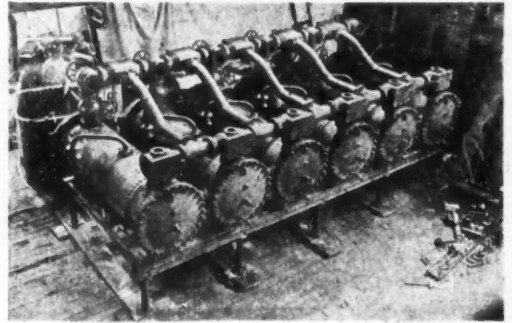


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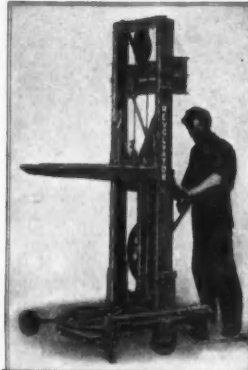
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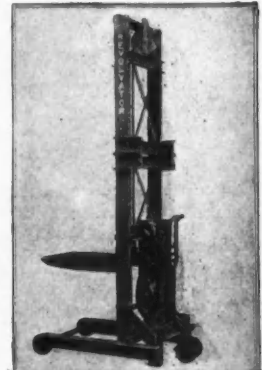
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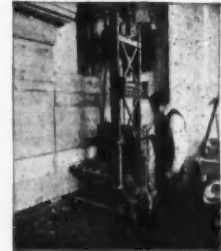
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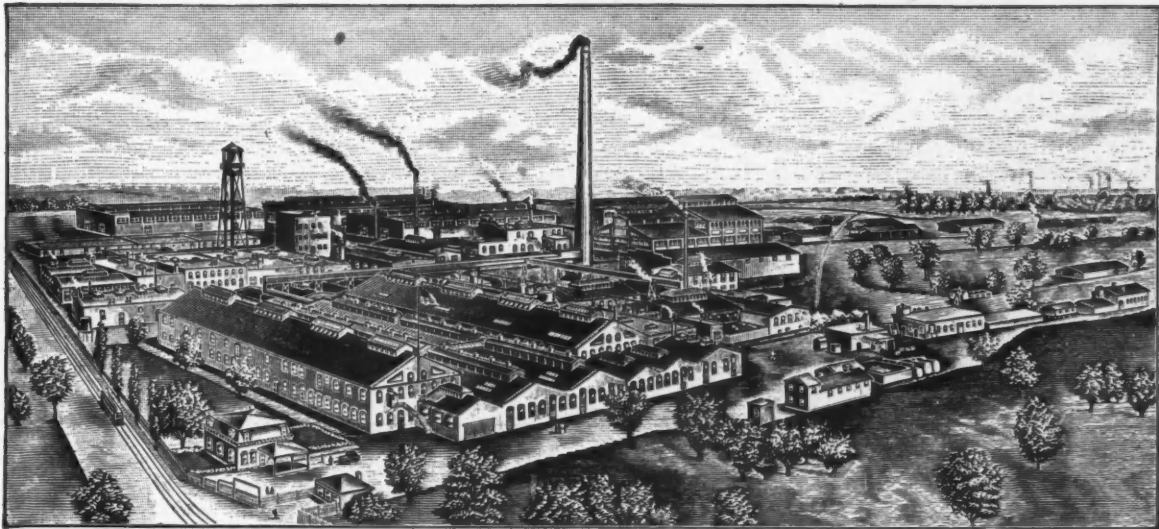
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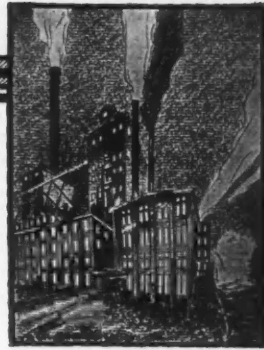
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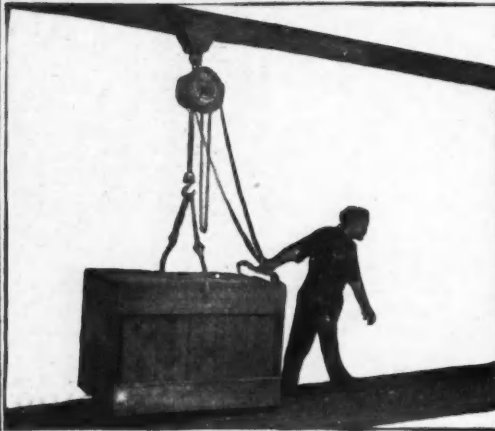
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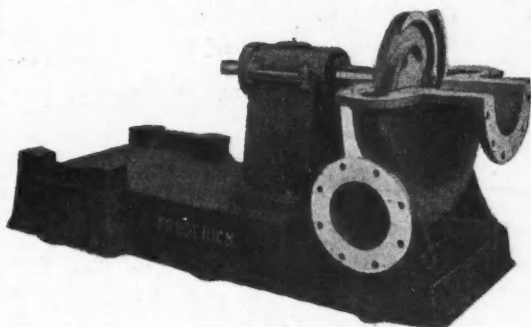
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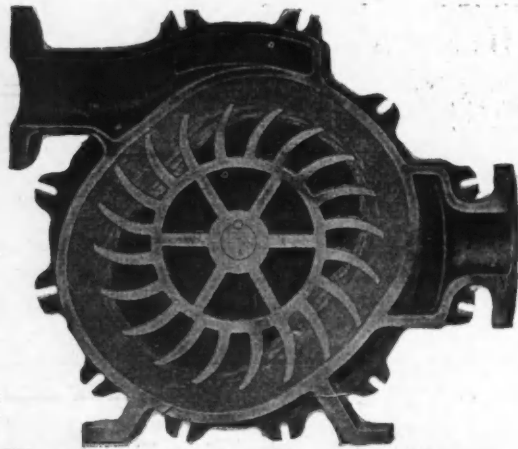
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Table of Contents

News of the Trade:

	Page
Want Papers to Reduce Size to Save News Print.....	16
Senator Jones' Bill	16
To Reduce Advertising	16
Department Stores Pledge Support.....	17
Exports of Paper Board.....	17
Cost Association Meets at Holyoke.....	17
Ninety Dollar News Print Price in Canada.....	18
Tree Planting in Quebec.....	18
Buying Pulpwood for Farmers.....	18
Kalamazoo Cost Meeting Is Big Success.....	20
Fundamentals in Handling Costs.....	20
American Writing Increases Volume.....	20
Bids for Government Paper Open February 1.....	22
Committee Makes Recommendation.....	22
Wisconsin Paper Mills Well-Supplied With Coal.....	24
Transportation Problem	24
Americanization Week	24
May Start Plant in North Carolina.....	24
Bids and Specifications for Government Paper.....	26
Canadian Pulp and Paper in Japan.....	26
Active Demand for Paper in Philadelphia.....	28
G. Ridgeway Burr to Retire.....	28
Ward Warehouse Completed.....	28
New York Trade Jottings.....	30
Coal Situation Better in Miami Valley.....	30
New Comptroller of American Writing.....	30
Sicilian Brimstone Products Deceased.....	32
Pulpwood from Alaska	41
Important Shipping Ruling	41
Colorings for Paper	41
Paper Demand in Chicago Still Active.....	44

Fred Woodcock Co. in Larger Quarters.....	44
Busy Bee Hive Paper Box Co.....	44
Imports and Exports of Paper.....	60
Paper from Waste Plant Fibres.....	62
Alling & Cory Celebrate at Buffalo.....	62

Editorial:

More News Print Bills.....	40
Lockwood's Directory Out	40
Anti-Dumping Bill	40

Obituary:

Oliver Frederick Dwight	32
Henry D. Williams	32

Practical and Technical

Percentage of Recovery of Alkali.....	42
Regulating a Jordan	42
Preventing Wire from Cracking.....	42

Market Review:

New York Market Review.....	58
Market Quotations	59
Miscellaneous Markets	62

Want and For Sale Advertisements, Pages 64, 65 and 67

WANT PAPERS TO REDUCE SIZE TO SAVE NEWS PRINT PAPER

Representative Anthony Introduces Bill to Limit the Size of Newspapers and Periodicals Entitled to the Second Class Mail Privileges—At Hearing, However, the Bill Is So Strongly Opposed That There Apparently Is Not Much Chance of Its Being Favorably Reported by the Committee—Senator Jones Introduces Bill to Increase Newspaper Postal Rates.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., December 16, 1919.—The Post Office Committee of the House yesterday held hearings on the bill introduced last week by Representative Anthony of Kansas to limit the sizes of newspapers and certain periodicals. It was the idea of Mr. Anthony, who is a small newspaper publisher, that limiting the size of newspapers might help somewhat the present news print paper shortage.

So much opposition developed at the hearings yesterday that it seems entirely improbable that the committee will make a favorable report on this bill. Mr. Anthony and Jason Rogers, the prominent New York publisher, together with some small publishers, were the only ones favoring the bill. All of the larger publishers, as well as representatives of the labor unions, opposed the bill.

To Limit Size of Newspapers

Representative Anthony of Kansas has introduced a bill in the House which he hopes will help solve the news print shortage situation. The bill "to limit the size of newspapers and periodicals entitled to the privileges of the second-class mail rate" has been referred to the House Committee on Post Office and Post Roads. The bill is as follows:

"That until July 1, 1920, no newspaper or periodical shall be carried in the United States mails at the rates provided for second-class postage which shall exceed in size the limitations herein set forth, and from and after the passage of this Act the Postmaster General shall refuse the second-class rate of postage to any daily newspaper printed with a greater number than twenty-four pages; to any Sunday newspaper printed with a greater number than thirty-six pages; to any periodical published weekly or biweekly of a greater number than seventy-five pages; to any monthly periodical printed with a greater number than one hundred pages."

Wants Newspaper Rate Increased

A considerable debate was indulged in on the floor of the Senate yesterday when Senator Jones, of New Mexico, introduced a telegram into the *Congressional Record* from newspapers in his State protesting that if something is not done soon in the news print shortage that all of the papers of the State will have to suspend publication.

In connection with the telegram, Senator Jones introduced a bill, which was referred to the Post Office Committee, calling for a rate of five times the present rate on all newspapers of more than 24 pages. He seemed to think that this would help the situation, not realizing the small percentage of papers which actually go through the mail as compared with the total papers published.

At this point in the discussion Senator Smoot, of Utah, chairman of the Senate Committee on Printing, told of the trouble which is being experienced in obtaining news print for the *Congressional Record* and stating that in the future, in the interest of saving paper, he would object to all matters being inserted in the *Record* which haven't a direct bearing on the subject

under discussion. He said that at present the *Record* is costing the Government \$60 per page.

Senator Thomas, of Colorado, then joined the debate and gave it as his opinion that it would be a mighty good thing if some of the so-called "Red" papers, preaching a doctrine against the Government, would be put out of existence and thus save news print.

A similar bill to that introduced by Senator Jones has been introduced in the House.

Senator Jones' Bill

Following is the bill which was introduced last week by Senator Jones, of New Mexico, and referred to the Committee on Post Offices and Post Roads "to increase the postal rates on certain classes of second-class matter" which he thinks will help the news print situation:

"That the postal rate on newspapers or other periodicals published daily which contain more than twenty-four pages, or twelve single sheets, exceeding twenty-five inches in length and nineteen inches in width, at any one issue, shall be five times the rate now provided by law.

SEC. 2. That this Act shall take effect and be in full force and effect from and after five days succeeding the date of its passage and approval."

To Reduce Advertising

Newspapers in Washington, Baltimore, Richmond and Wilmington have printed the statement of the news print service committee for Maryland, Virginia, Delaware and the District of Columbia, appealing to advertisers and publishers to observe strictly the regulations of the War Industries Board for conservation of news print paper.

It is said that there is today in the hands of the manufacturers less than three days' supply of paper for the newspapers of the country. As a result the News Print Service Bureau of New York, representing the paper manufacturers, has notified the American Newspaper Publishers' Association that an immediate cut of 10 per cent. in consumption is essential.

The following statement was issued today by the chairman of the regional news print service committee:

"Newspapers of Washington, Baltimore, Richmond and Wilmington have generally responded to the appeal of the American Newspaper Publishers' Association to observe the War Industries' Board ruling in regard to the use of space. The newspapers have practically done their share in cutting down space. The only other reduction can come from the advertisers or individual newspapers.

"The plan of the committee for this district is to reduce advertising at its source, and not wait until the advertising reaches the newspaper offices.

"It is expected by the chairman of the district committee that advertisers will immediately recognize the necessity for paper conservation and co-operate with this committee as they have co-operated with the Fuel Administration in the conservation of coal.

"Sacrifices must be made by the newspapers in their revenues, and sacrifices must be made by advertisers by being satisfied with 10 per cent. less space.

"No arbitrary rule has been laid down. Every advertiser is expected to reduce his advertisements in all publications immediately."

Department Stores Pledge Support

Washington's department store proprietors today pledged their active support in the movement to conserve news print paper by reducing their advertising space in the newspapers by at least 10 per cent.

Following an appeal by the chairman of the news print service committee for Delaware, Maryland, the District of Columbia

and Virginia to all newspapers and advertisers in this section of the country to observe strictly the regulations of the War Industries Board for conservation of news print paper, the big advertisers got together and pledged their aid.

It is pointed out by the war service committee chairman that the latest available statistics show that there is less than three days' supply of print paper for the newspapers of the country, and that as a result there must be an immediate cut of 10 per cent in the consumption of this commodity.

That the big advertisers of Washington are backing the regional news print committee in its appeal for reduction of advertising space is evidenced by comments from some of them. Lester Lansburgh, of the firm of Lansburgh & Bro., made public the following statement today:

"We will do what the news print service committee for this region has asked us to do, namely, reduce our advertising space in the daily newspapers 10 per cent. The department stores and merchants in general, in Washington, have always co-operated in movements of this kind, even though they are to the detriment of business. As the department stores are co-operating in the conservation of fuel movement, by opening the stores at 12 o'clock noon and closing them at 6 p. m., in order to reduce as far as possible the consumption of coal, so will we assist in conserving news print paper by reducing the volume of our advertising."

Officials of the Woodward & Lothrop store likewise declared they would reduce the size of their advertising in compliance with the request of the regional committee, and that they had already written the chairman of the committee to that effect.

The news print service committee, in its request, makes it clear that while no arbitrary rule has been laid down, "every advertiser is expected to reduce his advertisements in all publications immediately."

Exports of Paper Board

According to reports of the Department of Commerce, just made public, the total value of paper board exported from the United States during October was valued at \$274,606. The paper board went to the following countries: Denmark, \$9; Greece, \$13,700; Norway, \$3,581; Spain, \$2,028; Sweden, \$210; England \$28,255; Canada \$113,750; Costa Rica, \$13; Guatemala, \$419; Panama, \$298; Mexico, \$7,305; Newfoundland and Labrador, \$551; Jamaica, \$1; Trinidad and Tobago, \$195; Other British West Indies, \$30; Cuba, \$34,864; Danish West Indies, \$68; Dutch West Indies, \$222; Dominican Republic, \$431; Argentina, \$17,122; Brazil, \$13,484; Chile, \$2,010; Colombia \$1,895; British Guiana, \$350; Peru, \$1,025; Uruguay, \$660; Venezuela, \$1,367; China, \$9,507; Straits Settlements, \$20; Other British East Indies, \$30; Dutch East Indies, \$3,023; Hongkong, \$5,803; Japan, \$295; Australia, \$5,050; New Zealand, \$3,018; Philippine Islands, \$3,971; British South Africa, \$46.

Would Survey Western Pulp Timber

In a statement today urging enactment of his bill for a Government survey of pulp paper timber in the Northwest, Senator Poindexter, Republican, Washington, declared it was believed this timber would supply enough pulp to end the present shortage of news print paper and supply all publishers for decades to come.

"If the pulp wood supply actually exists," Senator Poindexter said, "the survey will go far toward compelling Eastern paper manufacturers to abandon their claims for acute scarcity and stop profiteering."

He proposes an appropriation of \$1,000,000 for the survey.

"It will be found," said Mr. Poindexter, "that news print can be made in Oregon, Washington and California at a cost that will permit the product to be sold at prices far below those now being charged by Eastern mills."

Cost Association Meets at Holyoke

[FROM OUR REGULAR CORRESPONDENT]

HOLYOKE, Mass., December 15, 1919.—Another very successful session of the Connecticut Valley Local Division of the Cost Association of the Paper Industry was held at the Hotel Nonotuck this evening. The attendance was gratifying.

A dinner was served at 6 o'clock and the session was called to order immediately thereafter.

The principal speaker of the evening was F. S. Webster, of the Carew Manufacturing Company, South Hadley Falls, who gave an exceptionally interesting and thorough talk on "The Correct Method of Ascertaining and Reporting Weights and Materials Consumed in Beaters." Mr. Webster is a speaker of much ability and made a favorable impression on the audience. A discussion on this topic and other cost accounting problems followed this, at which everyone present was given an opportunity to express his own views and opinions.

While all of the meetings of the local association have been very successful, yet it would help both this organization and prove a big benefit to many other manufacturers affiliated with the paper industry, if they would send representatives of their cost accounting departments to these sessions. Already many of the paper converters hereabouts have shown their interest in this organization by attending sessions, but there are still many who should take advantage of the good work started by the organization. The policy of this association is for all to pull together for better business, and everything should be done to encourage this notable work.

It is the idea of the Cost Association of the Paper Industry to organize local divisions in all paper-making sections of the country, but thus far only one or two, outside of that in Holyoke, has been formed. The local division was completely organized and put on a working basis a few weeks ago.

John Balch, cost accountant of the Chemical Paper Manufacturing Company, is secretary and treasurer of the local association.

Republic Bag & Paper Co. Increases Stock

The Republic Bag & Paper Company has increased its capital by issuing \$500,000 of 7 per cent preferred stock. This money will be used for the erection of a factory building in Greater New York.

The company's business has grown to such an extent that its present building is entirely too small for its requirements.

The company makes a full line of flat and square bags and expects in the near future to be able to offer to the jobbers throughout the country a line of self-opening grocer's bags.

Smith Paper Mills Sold

According to a press dispatch the Howard Smith Paper Mills, Ltd., have been sold as a going concern to a new company incorporated under the same name and with an authorized capital of \$7,000,000.

The reorganized company will operate three divisional plants for the manufacture of ledger, bond and other high grade papers. The acquisition of the Crabtree Mills in Cornwall, Ont., makes the Smith company the largest producer of high grade paper in Canada.

Biggest Cellulose Mill in Finland

The Wood Company, during the world war, erected a large cellulose mill at Karihaara and is now making sulphite. The plant, according to the *Finnish Paper Mill*, is the biggest in its line completed in Finland.

\$90 PRICE FOR NEWS PRINT NAMED BY CANADIAN MILLS

Prices Are Not on a Yearly Basis, However, But Only For Six Months, as Most Manufacturers Hold That If the Price of Materials Continues to Advance the Price of News Print Will Be Subject to a Further Advance When Contracts Come Up for Renewal in June—Geo. F. Steele Warns Publishers of a World Impending Shortage of News Print—Tree Planting in Quebec.

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., December 15, 1919.—Practically all of the large consumers of news print who purchase their supplies in Canada have signed up contracts within the past few days for their supply in the new year. The price agreed upon is 4½ cents a pound or \$90 a ton f. o. b. mill. These contracts are not on a yearly basis, but have been made in most cases for six months, as the manufacturers hold that if the price of materials continues to increase the price of news print will be subject to a further advance when contracts come up for renewal in June. It will be seen that the price agreed upon is the same as that announced in the United States by the International Paper Company.

Warns Publishers to Go Slow

George F. Steele, president of the Canadian Export Company, who this week returned from England, where he spent just two days in transacting business, gave out an important interview on his return in which he warned publishers about the prodigal consumption of news print on this side of the Atlantic.

"There is a world shortage of paper; everywhere it is the same tale," he said. "There is plenty of opportunity to sell paper, but the difficulty is to meet the demand. Publishers on this side will have to face the situation; otherwise there are going to be some suspensions of papers very soon if they don't take warning."

As to the situation on the other side, Mr. Steele frankly said that in the compass of so short a visit he could scarcely be expected to have had time to take much stock of things. He admitted that the English newspapers which during the war had shrunk down to two or three pages owing to the great dearth of paper, had begun to grow again and that he saw over there a copy of *The Times*, which was a forty-page issue. "The English publisher seems to show some good sense and sound judgment, because he does not attempt to drive his automobile at sixty miles an hour," which figure of speech was taken to mean that the American publisher is using up all his material without any regard for the future famine. Mr. Steele told of a statement made to him by a Winnipeg editor who on returning from the other side had declared that "it was a disgrace and a humiliation to find out how much better the British publishers handled their business than the publishers on this side of the Atlantic."

The explanation offered by Mr. Steele of this better management on the other side was that the English publishers were not afraid of the advertisers, but faced the situation resolutely by not hesitating to put up advertising to a rate of a dollar a line in order to make up for reduced space. Apparently the advertiser was not thereby driven away.

Regarding prices, Mr. Steele said the price in London was about eight cents a pound, and in the first half of the next year the price to the United States consumer would be four and a half cents the pound.

Tree Planting in Quebec

The Berthierville Nursery, under the supervision of the Quebec Provincial Forestry Service, has furnished one million plants of

trees this year, as compared to 700,000 last year. Since its opening the nursery has furnished four million plants.

Government Ships Carrying Paper

The Canadian Aviator, the first of the Dominion Government's mercantile fleet to go to Australia, is on the way there with a cargo of paper, while the Canadian Volunteer and the Canadian Trooper are en route to Great Britain from British Columbia via the Panama route with cargo of lumber, part of the seventy million feet bought by the British Government.

The Canadian Government Merchant Marine will shortly establish a regular line to Australia and New Zealand. Four ships are to be put on the route, the intention being to give a monthly service. This service will be a great help to the paper mills who now have no means of filling up large orders that are coming from Australasia.

Forty-seven million dollars are invested in thirteen shipyards engaged in shipbuilding for the Dominion Government, according to an official statement of the Marine Department. Eighteen ships are in commission now and there will be twenty-two by the end of the month. The total ships contracted for number 57.

The ships are readily pressed into service on account of the shortage of shipping, while the high freight rates make the operation profitable.

Twenty thousand men are on the payroll of the shipyards building Government ships, and the number of persons dependent upon the industry is placed at 117,000.

Buying Pulpwood from Farmers

Some of the news print manufacturers of the New England States who are at their wits' end for supplies of raw material have found a new source for pulp wood. They have sent their representatives in among the farmers along the lines of the Quebec Railway, from L'Ange Gardien to St. Joachim and have made contracts with them to supply pulpwood for export.

J. A. Everell, superintendent of the Montmorency Division of the Quebec Railway, in discussing this matter, said:

"In the back country and on the mountains from L'Ange Gardien to St. Joachim, in line with the Quebec Railway, there is an immense growth of wood owned by the farmers who are now engaged in cutting and getting the wood ready to haul to the railway, where it will be placed on cars and shipped direct to the mills in the United States. This is a new source of revenue for the farmers who own and live on lands along the line of the railway. It is a distance of some three miles from the railway to the woodlands in the mountains, where there are large quantities of pulpwood, and we expect to carry many thousand cords of this wood during the coming winter and spring over our line of railroad from every centre of the line to Quebec en route to the mills in the United States.

"This new business is altogether separate from the wood cut by the St. Anne Power Company which ships on an average of 30,000 cords of pulpwood over our line via the C. P. R. to the United States every year."

New Wayagamack Director

Norman J. Dawes has been elected as director of the Wayagamack Pulp & Paper Company at a meeting of the board held in Montreal. Mr. Dawes is interested in many large local enterprises, including the Windsor Hotel Company and the National Breweries, Limited, of both of which he is a director.

Equitable Distribution of Newsprint

Controller Pringle has called a meeting of news print manufacturers and publishers to be held in Montreal to-morrow to consider the question of distribution of news print supplies during the year. There is a general fear among the publishers both in Canada

(Continued on page 58)

EARLY WINTER IN SWEDEN!

MAY WE QUOTE YOU NOW

for

Last Open Water Shipment?

A. J. PAGEL & CO., Inc.

Wood Pulp Agents

347 MADISON AVE.

NEW YORK

KALAMAZOO COST MEETING IS BIG SUCCESS IN EVERY WAY

First Convention of the Local Association Attracts a Representative Gathering of Over Sixty Members and Guests from Various Paper Mill Centers—S. L. Bush Gives Helpful Address Showing the Complete Procedure Used by the Chemical Paper Mfg. Company in Compiling Its Costs. Addresses Also Made by Norman Bardeen and D. E. Burchell—Those Present.

KALAMAZOO, Mich., December 15, 1919.—Paper mill executives, cost accountants, auditors and others connected with the industry to the number of over 60 gathered at the Park-American Hotel, Friday afternoon and evening, to attend the first convention of the Kalamazoo Valley local division of the Cost Association of the Paper Industry.

It was very interesting throughout, and members of the local division established themselves as good entertainers and successful promoters of an affair that will be favorably recalled in the future.

A Representative Gathering

The registration of guests showed a representative gathering from numerous paper centers. It follows:

Cincinnati: Clay Burdick, Charles Boldt Paper Mills Company.
Chicago: C. L. Jourdain, R. C. Bay, E. T. Soukup, Sears, Roebuck & Co.; E. L. Usner, L. V. Estes, Inc.; Peter J. Massey, Paper Industry.

New York: J. L. Birmingham, Birmingham & Proesser.
Munising, Mich.: G. D. Deitz, Munising Paper Company.
Bangor, Me.: D. E. Burchell, Eastern Manufacturing Company.

Holyoke: S. L. Bush, Crocker McElwain Company, and Chemical Paper Manufacturing Company.

Dayton: R. E. Pohl, Peerless Paper Company.
White Pigeon, Mich.: Sanford M. Clymer, Eddy Paper Company; Ray C. White, White Pigeon Coated Paper Company.

Watervliet, Mich.: George K. Ferguson, Watervliet Paper Company.

Vicksburg: Norman Bardeen, Ira T. Straud, Roy J. Strong, Lee Paper Company.

Plainwell: A. D. Stauffer, H. J. Merrick, J. D. Wagner, George W. Gilkey, Michigan Paper Company.

Otsego: G. H. Gerphiede, C. O'Hearn, Jr., D. B. Nisbet, Harry D. Barney, Bardeen Paper Company, H. M. Balgoyne, L. W. Russell A. E. Endy, Wolverine Paper Company, C. E. Spangler, R. C. Simpson, MacSimBar Paper Company.

Kalamazoo: Paul L. Brossemle, E. T. Coughlin, Monarch Paper Company; Ralph Clark, Glendale Pulp Company; W. A. Hodge, Western Board and Paper Company; W. C. Lawrence, Western Papermakers Chemical Company; Clarence Harter, M. B. King, C. A. Bradford, Edwin H. Hacking, Rex Paper Company; C. H. Martin, J. C. Carter, S. Ward Kennedy, Frederick Rosenberg, Kalamazoo Vegetable Parchment Company; G. S. Davis, J. Kuss, J. H. O'Connell, C. B. Crossley, Harry C. Bradford, King Paper Company; R. L. Wall, J. T. Bachelder, Standard Paper Company; R. L. Pease, A. G. Wightman, C. L. Fenstermaker, A. H. Dwight, Hawthorne Paper Company; G. T. Jubbs, G. T. Ingling, Kalamazoo Paper Company; Elbert G. Milham, W. Allen, Allen B. Milham, Bryant Paper Company; S. B. Norcross, Central high; R. F. Cornell, Kalamazoo college; Howard P. Hall, PAPER TRADE JOURNAL.

S. L. Bush Gives Interesting Address

At the afternoon session, S. L. Bush, manager of research of the Crocker-McElwain Company and the Chemical Paper Manufac-

turing Company, gave an address showing the complete procedure used by the Chemical Paper Manufacturing Company in compiling its costs, using charts to demonstrate the points brought out.

Introducing his remarks, Mr. Bush said that paper mills can no longer be run "by guests." That an elaborate cost system is not required in most mills, and that now is the time to get ready. "The Government and labor will demand it of you" said the speaker.

"The cost system does not replace management, but is adequate information that helps the management. A good manager is required and a capable cost accountant is one of the most valuable men inside the walls of any concern. He must be a good accountant, understanding manufacturing details and be a diplomat.

"A cost system establishes a selling price; checks and increases efficiency; in this line being an assistance to the superintendent and not a watch dog; determines profit and loss from month to month."

Fundamentals in Handling Costs

The fundamentals in handling costs was shown by a simple black-board chart, sub-divided as follows:

1. Unit or job cost; every job should be compiled.
2. Departmentalization.
3. Direct charging of materials.
4. Productive hour method.
5. Normal cost through budget system.
6. Double entry control.

The material account is to be divided, purchased on the debit side of the account and consumed on the credit side. This makes it easy to strike a definite balance through the taking of an inventory.

The burden, or overhead is handled, by debiting incurred and crediting amounts productively expended. A concern may have a burden account for the whole mill or by departments. If the mill is forced to shut down the item "non-productively expended" will occur and these items are carried to the profit and loss account.

The speaker then offered five tables, or systems or forms previously shown at a gathering in New York which explained in close detail accurate and reliable cost accounting.

Other Helpful Addresses

Following dinner were two addresses; "Benefit of Cost System from an Executive" was handled by Norman Bardeen, manager of the Lee Paper Company, Vicksburg, and D. E. Burchell, comptroller of the Eastern Manufacturing Company, Bangor, spoke on "Fundamentals and Essentials of Cost Accounting."

American Writing Increases Volume

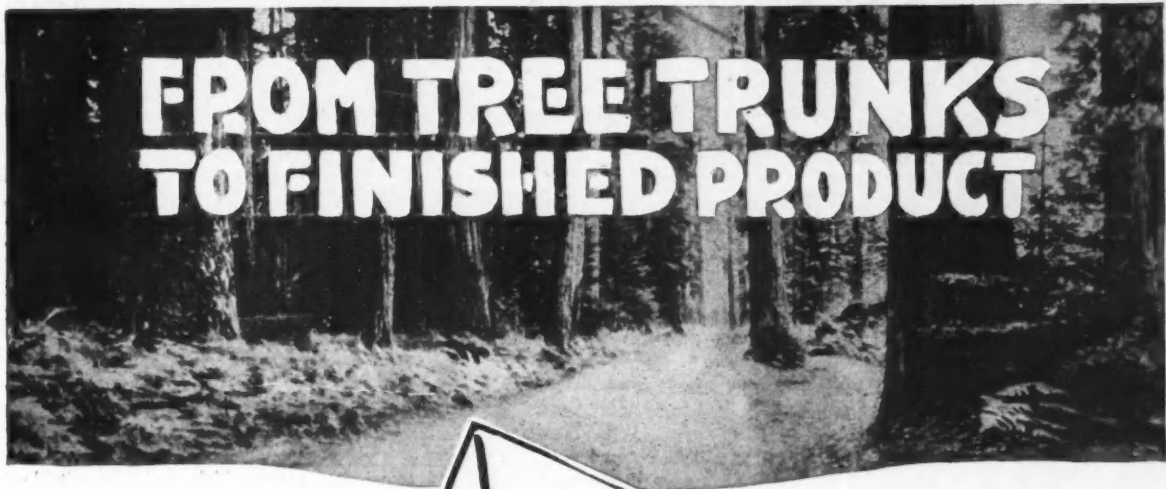
[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., December 15, 1919.—The business of the American Writing Paper Company in October showed a substantial increase over the volume in September, but as the increase applied principally to lower priced products there was not a corresponding improvement in the net. The Boston News Bureau is authority for this report and says that the October net revenue was something like \$135,000, after charges, depreciation and estimated taxes had been deducted.

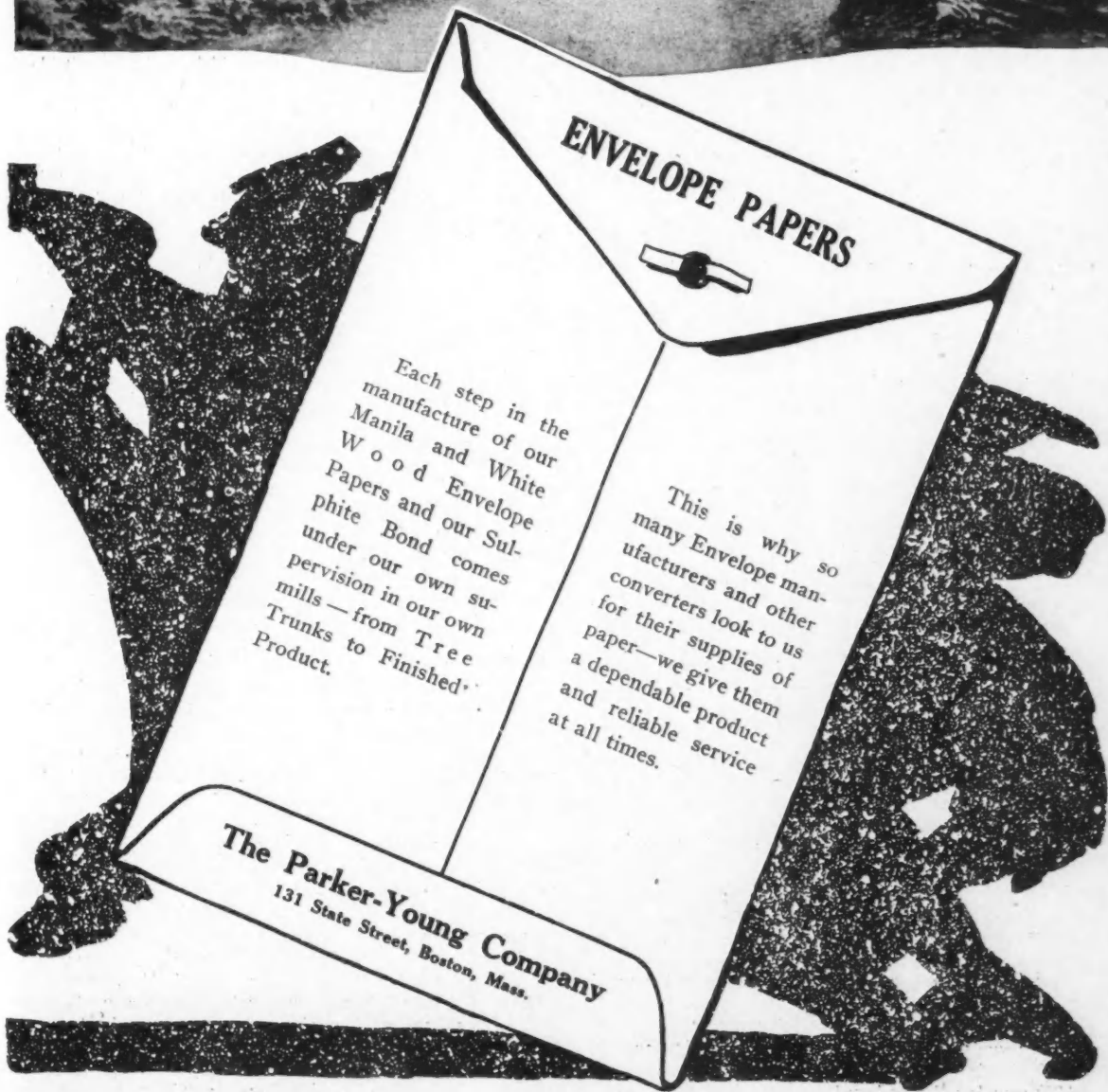
It can be readily seen that under the aggressive and capable management of George A. Galliver, president, the American Writing Paper Company is steadily increasing its manufacturing efficiency and putting real improvement value in back of the stock and bonds.

Nashua Paper Co. Increases Capital

BOSTON, Mass., December 15, 1919.—The Nashua Gummed and Coated Paper Company has certified to the Commissioner of Corporations that it has increased its capital from \$400,000 to \$1,300,000 by the issue of 9,000 additional shares of preferred stock, par \$100.



FROM TREE TRUNKS TO FINISHED PRODUCT



ENVELOPE PAPERS

Each step in the manufacture of our Manila and White Wood Envelope Papers and our Sulphite Bond comes under our own supervision in our own mills — from Tree Trunks to Finished Product.

This is why so many Envelope manufacturers and other converters look to us for their supplies of paper—we give them a dependable product and reliable service at all times.

The Parker-Young Company
131 State Street, Boston, Mass.

BIDS FOR GOVERNMENT PAPER TO BE OPENED ON FEBRUARY 2

Joint Congressional Committee on Printing Will Announce the Awards, If Any Are Made, One Week Later, February 9—Committee Announces That Contracts Will Be Entered Into for Supplying 25 Per Cent. More or Less Than the Estimated Quantities of the Paper Required at the Option of the Government—Specifications for Paper from Plant Fibres Continued.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., December 16, 1919.—Bids for the annual supply of paper for the use of the Government Printing Office will be opened on February 2, according to an announcement just made by the Joint Congressional Committee on Printing. The awards, if any are made, will be announced just one week later.

The Joint Committee announces that contracts will be entered into for supplying 25 per cent more or less than the estimated quantities of paper required, at the option of the Government, as follows:

- 6,005,000 pounds news print paper.
- 14,210,000 pounds machine-finish printing paper.
- 2,000,000 pounds plant-fibre machine-finish printing paper.
- 20,000 pounds antique laid printing paper.
- 15,000 pounds opaque printing paper, high machine finish.
- 1,150,000 pounds rag machine-finish printing paper.
- 4,800,000 pounds sized and supercalendered printing paper.
- 250,000 pounds halftone printing paper.
- 460,000 pounds coated book paper.
- 20,000 pounds U S M O, white and blue writing paper, machine dried, rolls, 8¼ inches wide.
- 2,000 pounds white French folio paper, cut 17x22 inches.
- 2,670,000 pounds writing paper, high machine finish.
- 7,789,000 pounds writing paper, air or loft dried.
- 7,500 pounds fine white writing paper, loft dried.
- 5,000 pounds safety writing paper.
- 400,000 pounds U S M O, blue safety writing paper.
- 70,000 pounds map paper.
- 2,365,000 pounds bond paper.
- 1,000 pounds onionskin paper, cut 16x21 and 19x24.
- 37,000 pounds parchment deed.
- 1,638,000 pounds ledger paper.
- 3,000 pounds tissue paper.
- 1,250 pounds stereo tissue paper.
- 4,800,000 pounds cover paper.
- 50,000 sheets cloth-lined cover paper.
- 200,000 pounds Kraft wrapping paper.
- 850,000 pounds manila paper.
- 20,000 pounds manila tympan paper.
- 190,000 pounds manila board.
- 60,000 pounds cardboard.
- 1,300,000 pounds bristol board.
- 7,000,000 pounds U. S. Postal Card cream bristol board.
- 21,000 pounds index bristol board.
- 2,000 pounds white paraffin paper.
- 30,000 pounds noncurling gummed paper.
- 5,000 pounds blotting paper.
- 5,500 pounds stereotype molding paper.
- 60,000 pounds monotype keyboard and casting-machine paper.
- 15,000 pounds offset paper for web presses.
- 8,000 pounds plate-wiping paper for embossing presses.
- 8,000 pounds lining and stripping paper.
- 4,000 pounds red pressboard.

- 1,000 sheets parchment, 15x21 inches.
- 1,000 pounds news board.
- 700,000 pounds chip board.
- 305,000 pounds strawboard.
- 60,000 pounds box board, lined.
- 725,000 pounds binder's board.

Committee Makes Recommendations

The specifications committee in making its report to the Joint Committee on Printing of Congress makes the following recommendations:

In accordance with its annual custom, the Joint Committee on Printing adopted the following resolution on September 19, 1919, preparatory to fixing upon standards of paper for the different descriptions of the public printing and binding as required by section 3 of the Printing Act approved January 12, 1895:

"Resolved. That a committee consisting of one representative each of the Bureau of Chemistry, and the Bureau of Standards, two representatives of the Government Printing Office, and the clerk and inspector of the Joint Committee on Printing be requested to prepare standard specifications and samples of paper which it deems suitable for the public printing and binding, having due regard for economy, and submit same, together with a proposal form and recommendations as to the standardizing, testing, and use of paper by the Government, to the Joint Committee on Printing on or before December 8, 1919, for its consideration in fixing upon standards of paper for the different descriptions of the public printing and binding for the year beginning March 1, 1920."

Complying with the foregoing resolution, the following were designated as members of the Committee on Paper Specifications: F. P. Veitch, Bureau of Chemistry, designated by the Secretary of Agriculture; Frederick A. Curtis, Bureau of Standards, designated by the Secretary of Commerce; Capt. Daniel V. Chisholm, Deputy Public Printer, and Edward S. Moores, purchasing agent, Government Printing Office, designated by the Public Printer; George H. Carter, the clerk of the Joint Committee on Printing, and Herbert K. MacGeary, inspector of paper and material, Joint Committee on Printing. This committee met at the Capitol on November 18, 1919, and organized by electing F. P. Veitch, chairman, and George H. Carter, secretary, and revised the paper schedule and specifications as submitted herewith.

Very few changes have been made in the text of the specifications proper, such changes being practically limited to those required to make the specified weight, strength and thickness agree with those of the paper most largely bought under the specification.

The tolerance of fifteen (15) per cent granted during the past two years for rag, manila and jute stock or for strength on all papers which contain fifty (50) per cent or more of rag, manila and jute stock, and otherwise conform in all particulars to the standard specifications, has been discontinued. It is believed that trade conditions have been sufficiently stabilized to warrant return to the regular specifications.

Attention may be called to the fact that the estimates for the next year are materially reduced for nearly all kinds of paper except for white news print, where they are very largely increased due to the tendency to use this quality of paper for matter of a temporary character.

Attention is also called to the large number of colors specified in certain classes of paper, more especially in cover papers. Many of these colors are not standard and the number appears to the Specifications Committee to be unnecessarily large. It is recommended that the Joint Committee on Printing call a conference of representatives of the several Federal Departments to

(Continued on page 62)

"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.



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

Knotter Design No. 2

WE ASK A THOROUGH INVESTIGATION

IMPROVED PAPER MACHINERY CO.

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

The Sandy Hill Iron & Brass Works

Hudson Falls, N. Y.



Manufacturers of **Paper and Pulp
Mill Machinery**

WISCONSIN PAPER MILLS WELL SUPPLIED WITH COAL

Reports from Paper Mill Centers State That Nearly Every Plant Has a Greater Supply of Coal in Its Yard Than Usual at This Time of Year and That Consequently There Is Little to Fear from the Coal Shortage—Water Transportation in the Fox River Valley Is to Be Greatly Improved Next Summer—Safety Week in the Nine Mills of the Kimberly-Clark and Neenah Paper Company Group.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., December 15, 1919.—No Wisconsin paper mill will be forced to close down within at least sixty days because of the coal famine, according to reports from all paper mill centers. Nearly every mill has a larger supply of coal in its yards than for many years previous and consequently there is little to fear from the coal shortage.

Mills along the Fox River are probably the most favorably situated. All during the summer and fall a fleet of barges, owned by the Fox River Navigation Company, which is composed of mill owners, hauled coal from the lake steamers docked at Green Bay and long before navigation closed the yards were filled to overflowing.

Reports from the Wisconsin river valley indicate that the mills are well supplied and will be able to continue operations for at least another month and probably for two months if not another ton of coal is shipped in. At Green Bay and Marinette the mills are also well supplied. The near famine during the strike of railroad shopmen warned mill men of Wisconsin to be prepared in case there would be another shut down of transportation or of the mines.

The only worry manifested by mill men is by pulp mill owners who fear they may be obliged to close down before their own coal supply is exhausted because paper mills using their product may be unable to continue operations.

Peshigo Plant Completed

Outside work on the Peshigo Pulp and Paper Company's new plant at Peshigo is practically completed and when the heating plant is finished workmen can complete the interior work. Officials and contractors are confident that the work can be continued during the winter months and the machinery will be in position for opening the tissue mill by April 1, 1920. Nearly the entire issue of \$680,000 in common stock has been sold, it is said. No more common stock will be placed on the market after the present issue is disposed of.

The Transportation Problem

The transportation problem next summer will be taken care of to a large extent by water transportation, at least in the Fox River valley. The success of the barge line established by mill owners has induced them to consider utilizing the river for other forms of transportation and it is entirely possible that a steamship or packet line will be formed next spring. The rivers and harbors committee of Congress has recommended an appropriation of \$68,000 for the Fox River and \$16,500 for the harbor at Green Bay. About \$40,000 of the sum is to be used for improvements. The program includes deepening of the channel and dredging of sandbars which now are impeding successful navigation.

Deepening of the channel at Menasha will make it possible to draw a greater volume of water for power purposes out of Lake Winnebago or for reducing the level of the lake if the volume of water is not increased. When the dredging is completed it probably will end the controversy between mill men and riparian land owners who assert their property is constantly flooded because the lake level is kept high by power users.

Paper mills of western Wisconsin will be assured an abundance of water power when the two reservoirs to be constructed by the Flambeau Reservoir and the Chippewa Reservoir Company are completed. The Flambeau company is capitalized at \$500,000 and the Chippewa company was incorporated with a capital stock of \$1,000,000. Work on the reservoirs is to be started as soon as weather conditions permit.

Safety Week a Big Success

All but two of the nine mills in the Kimberly-Clark and Neenah paper company group finished Safety Week, November 23 to 30, with no lost time accidents. The Kimberly and Niagara mills were those with imperfect records. One man was injured in each mill but the accidents were not serious. Company officials were so pleased with the success of the safety campaign that "No Accident Week" will probably become an annual event. The week opened with safety meetings at Appleton and Niagara. As a result of the campaign the month of November showed an improvement of 75 per cent. in the number of accidents over the corresponding month of 1918. Safety meetings for children may also become an annual institution with the paper companies. It is believed the constant reminders of children to their parents will assist materially in reducing the number of industrial accidents.

Americanization Week

Foreign born employees of the Kimberly-Clark Company are being assisted in their efforts to become good American citizens by the company which has established a school in Americanization under the direction of Miss Virginia Evans. Three classes have been established in the Kimberly mill and workmen are given instruction in English and American Government principles. Conversational English and the rudiments of reading and writing are taught in the English courses while in the Americanization classes the workmen are given instruction which will enable them to secure full citizenship papers. About 70 men are now availing themselves of the opportunities offered and the classes are constantly growing. If the work in the Kimberly mill is successful it will be tried in the company's other mills.

General Trade News

Anchor ice is beginning to cause trouble to mills using water power. The Biron and Grand Rapids division mills of the Consolidated Water Power and Paper Company were obliged to close down for several hours. At Nekoosa the Nekoosa-Edwards Company mill has experienced considerable trouble with slush ice.

Girls employed in the rag room of the Fox River Paper Company's mill at Appleton are now enjoying the privileges of a splendid rest and recreation room installed at a cost of about \$4,000. The room is provided with adequate toilet facilities, lounge and reading room and facilities for supplying hot lunches. The rag room of the plant was considerably enlarged and employment was given to 15 additional girls.

May Start Plant in North Carolina

PETERSBURG, Va., December 15, 1919.—Information reaches here that a paper mill is soon to be placed in operation at Roanoke Rapids south of here, in North Carolina. It is understood that buildings for the enterprise have already been secured and the water power contracted for. The buildings, which have been heretofore used for other purposes, will have to be altered to some extent, and when this is done the machinery will be installed and the work of paper making commenced.

The mills will be devoted entirely to the manufacture of news print paper, and it is said the capacity will be sufficient to supply all of the papers now published in Virginia and North Carolina.

It is not known that a new company will be organized. In fact, it is believed here that the paper mill will be run by the cotton milling interests at Roanoke Rapids as a side issue.



Typical Westinghouse 500 kw. Synchronous Booster Type Converter, used in Electrolytic Bleach Plants.

Many paper manufacturers buy bleaching powder for a purpose which could be served more economically and effectively by using a bleaching agent of their own manufacture.

Chlorine produced by the electrolytic decomposition of common salt affords a cheap bleach, high in quality and convenient to handle. Direct current, which is necessary for this process, can be had through the medium of rotary converters or motor generators, which may be operated from any A. C. commercial circuit.

A bleach plant with Westinghouse electrical equipment can be installed and paid for in a relatively short time from the savings obtained by its use.

Our experience will enable us to be of great service to you in this field. Write our nearest district office and let us show you the possibilities for additional profits in your particular case.

Westinghouse Electric & Manufacturing Company
East Pittsburgh, Pa.

Sales Offices in All Large American Cities

Westinghouse

BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

Purchasing Officer of the Government Printing Office Opens Bids for Numerous Varieties of Paper at Interesting Prices—Purchasing Officer of the Government Printing Office Announces Dates on Which Bids for Various Lots of Paper Will Be Opened—Purchasing Officer of the Government Printing Office Announces Paper Awards—Awards for Panama Canal.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., December 16, 1919.—The Purchasing Officer of the Government Printing Office has opened the following paper bids:

40,000 pounds of U. S. M. C. blue safety writing paper in 11-inch rolls; R. P. Andrews Paper Company, at \$212 per pound.

36,000 pounds (500 reams) of No. 1, 32x42—72, white M. F. printing paper; Mather-Lamm Paper Company, at \$13 per pound.

50,000 pounds of 24x38—140, sulphite manila paper; Mathers-Lamm Paper Company, at \$.0838 per pound; Beekman Paper Company at \$.09; Charles C. Walsey Company, at \$.08875.

5,000 pounds (3,000 sheets) of 22x26—No. 30 binder's board; Maurice O'Meara Company, at \$85.60 per ton; Republic Bag and Paper Company, at \$101.50; Dobler & Mudge, at \$74.50; Kerr Paper Company, at \$80; Philip Rudolph & Sons, at \$91.39; R. P. Andrews Paper Company, at \$87; D. L. Ward Company, at \$84.48; Old Dominion Paper Company, at \$97.18; George W. Millar & Co., at \$110 and \$85; C. L. La Boiteaux Company, at \$75; American Paper and Woodenware Company, at \$83.50; Box-board and Lining Company, at \$88, and Charles F. Briggs & Co., at \$90.

11,200 pounds (350 reams) of buff and dark pink, 22x34 writing paper; Merriam Paper Company, at \$.20 per pound; R. P. Andrews Paper Company, at \$.2225; D. L. Ward Company, at \$.26; Old Dominion Paper Company, at \$.268; Aetna Paper Company, at \$.185 and \$.21; American Writing Paper Company, at \$.1874 and \$.1924; Collins Manufacturing Company, at \$.22; Dobler & Mudge, at \$.186 and \$.2175, and George W. Millar & Co., at \$.24.

25,850 pounds (500 reams) of various sizes of white wove commercial ledger paper; Carew Manufacturing Company, at \$24 per pound; Charles C. Walsey Company, at \$.28; Hawthorne Paper Company, at \$.24; Worthy Paper Company, at \$.24; American Writing Paper Company, at \$.24; Whitaker Paper Company, at \$.2675; Dobler & Mudge, at \$.2375; George W. Millar & Co., at \$.255 and \$.26; R. P. Andrews Paper Company, at \$.2425; D. L. Ward Company, at \$.27, and Old Dominion Paper Company, at \$.279.

7,100 pounds (100 reams) of 23x38—No. 32 white wove ledger paper Charles C. Walsey Company, at \$.28 per pound; Southworth Company, at \$.30; American Writing Paper Company, at \$.349; George W. Millar & Co., at \$.368; Carew Manufacturing Company, at \$.35; Whitaker Paper Company, at \$.3275; Collin Manufacturing Company, at \$.34 1/3; R. P. Andrews Paper Company, at \$.3525; D. L. Ward Company, at \$.33; Old Dominion Paper Company, at \$.3399, and Dobler & Mudge, at \$.344.

Government Printing Office to Open Bids

The Purchasing Officer of the Government Printing Office will open bids on December 27 for 36,000 pounds (1,000 reams) of 21x32—No. 20 white wove writing paper. Bids will be opened at the same time for 3,075 pounds (150 reams) of 17x28—No. 16 salmon wove writing paper.

Bids will be opened on December 19 for 40,000 pounds of manila board in 21 3/4-inch rolls, basis of 22 1/2 x 28 1/2—75.

The Purchasing Officer will open bids on December 19 for 10,000 pounds (100 reams) of 33x33—100, rope manila paper.

Government Printing Office Awards

The Carter Rice Corporation has been awarded the contract by the Purchasing Officer of the Government Printing Office for furnishing 35,700 pounds (350 reams) of 21x32—102 pounds buff melon and yellow bristol board at \$.0705 per pound. Bids for this item were opened on December 1.

40,000 pounds (20,000 sheets) of No. 2 25x30—No. 25 binders' board will be furnished by the Mathers-Lamm Paper Company at \$73.90 per ton. Bids for this were opened on December 5.

The R. P. Andrews Paper Company has been awarded the contract by the Purchasing Officer of the Government Printing Office for furnishing 90,000 pounds (3,000 reams) of 21 1/2 x 32 1/2—No. 16 white wove writing paper at \$.0975 per pound, bids for which were opened on December 5.

The R. P. Andrews Paper Company has been awarded the contract for furnishing the Government Printing Office with 500 pounds of plate wiping paper at \$.09 per pound, bids for which were opened on November 21.

The Purchasing Officer of the Government Printing Office has announced the following paper awards, bids for which were opened on December 5:

The Republic Bag and Paper Company will furnish 2,000 pounds of plate wiping paper in 4-inch rolls, basis of 24x38—60, at \$.08 per pound.

1,000 pounds of tablet stripping machine paper in 24-inch rolls, basis of 24x38—40, will be furnished by the Paper Manufacturers Company at \$.105 per pound.

The Aetna Paper Company will furnish 7,950 pounds (300 reams) of 18x23—No. 24 white wove writing paper at \$.1564 per pound. The same firm will also furnish 40,500 pounds (1,000 reams) of the same size 28x34—No. 16 at \$.1564 and 8,200 pounds (400 reams) of 17x28—No. 16 yellow writing paper at \$.1664.

The Southworth Company will furnish 3,400 pounds (100 reams) of 19x24—No. 28 white wove ledger paper at \$.30 per pound.

16,500 pounds (1,000 reams) of 17x28 No. 13 white glazed bond paper will be furnished by the Esleeck Manufacturing Company at \$.27 per pound, and the Aetna Paper Company will furnish 15,750 pounds (500 reams) of 19x31—No. 20 of white glazed bond paper at \$.1564 per pound.

Panama Canal Bids

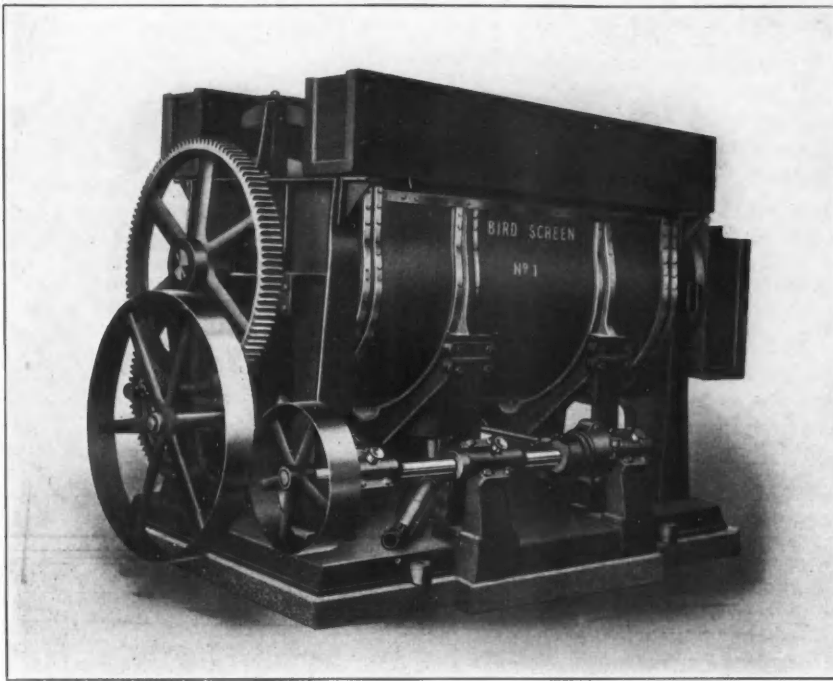
The Purchasing Officer of the Panama Canal will open bids on December 29 for 500 boxes of 8x10 1/2—10 purple pencil carbon paper.

Also for 3,000 pounds of buff tone paper in 17-inch rolls.

100 reams (50,000 sheets) of 17x22—No. 24 white bond paper.

Canadian Pulp and Paper in Japan

A. E. Bryan, the Canadian Trade Commissioner in Japan, writing on the market for Canadian pulp and paper in the Flowery Kingdom, states that during the first six months of this year Canada shipped paper pulp into Japan to the value of 1,238,457 yen, as compared with 2,168,497 yen during the corresponding period of 1918. During the same period the United States supplied Japan to the value of 2,557,526 yen, in comparison with 480,341 yen for the first six months of 1918. American shippers therefore appear to have gained where Canadians have lost, but of course there is the possibility that much of the pulp imports credited to the United States originated in Canada. "This condition of affairs," says the commissioner, "is not to be wondered at. The American firms are represented in Japan by American commission houses who have sampales, prices and all information on hand. These large import firms have their own paper salesmen who keep in touch with all the paper mills and build up a regular clientele."



The Importance of Correct Design

The Bird Screen is carefully designed along accepted lines of paper making practice, not only as the screen itself with particular duties of its own, but as that very important item of paper making apparatus which stands next to the head box of the paper machine. Watch the flow of stock through a Bird Screen—steady and even in volume, but one change of direction, only enough agitation to keep the stuff passing through the slots. The Bird Screen is not a churn.

Stock passing through a Bird Screen comes in contact only with the smooth surfaces of the vat and the plates. There are no moving parts such as pistons, rotors, diaphragms or the like.

Remember that your screen does stand next to the head box of the paper machine. A great deal of good or harm can be done at this point.

Write for Catalog I-A

BIRD MACHINE COMPANY
EAST WALPOLE **MASS**

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

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

ACTIVE DEMAND FOR PAPER IN PHILADELPHIA MARKET

Boxboard Is About the Only Line in Which There Is a Less Active Demand Than Recently and This Is Accounted for by the Fact That the Holiday Box Business Has About Been Completed—Business in the Paper Stock Market Is Restricted by the Inability of Dealers to Obtain Supplies—Trade Associations Make Plans for Annual Banquets—Lack of Coal Closes Some Mills.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, December 15, 1919.—In only one grade of product was there experienced during the week a slackening of the insistent demands from consumers which have existed for many weeks. Boxmakers' supplies were in an easier request because the holiday possibilities are exhausted. Wrappings and krafts here in active demand. Writings are selling splendidly in the better grades. The cheaper grades are virtually out of the market. Building papers still sell readily, due to the open season.

The market for paper stock continues to be of such character that dealers' ability to get together a teamload alone limits their operations. The mills are taking stock just as fast as they can get it, with prices firmly held by the jobbers and willingly paid by the mills. Because of the open season, supplies can be gathered together readily, but large accumulations will not be made until the Christmas sales' season is a bit further advanced. Under no circumstances is a glut anticipated.

In the rag market conditions, as regards prices particularly, are without precedent in the experience of even such veterans as D. Ridgeway Burr. Prices are at top notch of their experience and they are still soaring. The open weather permits the gathering of all the domestic market affords—a not large amount at best—but foreign rags are almost unattainable even at present price, which under ordinary circumstances would be quite prohibitive. Should the winter be a hard one, there would seem to be no limit to prices, but even if it continues open, further advances are regarded as likely.

D. Ridgeway Burr to Retire

D. Ridgeway Burr has decided to retire from active business life in the paper stock trade. Mr. Burr will turn the business over to his associate, W. Elmer Williamson, who has grown up with it. Mr. Burr has been in business at Delaware avenue, below Market street, for forty years, and for twenty-one years of that period Mr. Williamson has been with him. Under Mr. Williamson the business will be conducted along substantially the same lines as in the past.

Plans for Trade Banquets

Two banquets of the trade are looming up—that of the Philadelphia Paper Stock Dealers' Association and that of the Philadelphia Paper Dealers' Association. The stock men met last Thursday night in the Grand Fraternity building, 1628 Arch street, with Evan G. Badger, president, in the chair. He gave a delightfully reminiscent address out of his experience of half a century in the paper stock business. Two service men, recently returned, Lisle Owens, manager for E. D. Hemingway, and Robert Evans, of Infante Brothers, also had stories of experiences to tell. Owens served in the medical department, while Evans served in the infantry, receiving a dislocation of the arm by concussion while in a shell hole. Then came a momentous question—whether things being dry—very dry—there should be or should not be a banquet. The matter was placed squarely before the entire association by William L. Simmons, chairman of the last banquet committee. The discussion was lively, but

the vote unanimous for a banquet and for entertainers. A committee was appointed, consisting of Simon Weil, of Morris Weil's Sons, 837 North Third street, chairman; Edward D. Hemingway and Robert Evans. The probabilities are that the date will be in February.

A call was issued during the week by President George W. Ward, of the Paper Dealers' Association, for a meeting Friday night in the rooms of the Philadelphia Typothetae, for the purpose of making arrangements for the banquet, which will probably be held in the Adelphia in February, too.

D. L. Ward Co. Warehouse Completed

Work on the new warehouse of the D. L. Ward Company, at Front and Federal streets, has been completed and the building is now ready for use. To expedite completion, a force of 30 mechanics were specially engaged to labor from 8 o'clock p. m., on a twelve-hour shift, that there might be available at the earliest possible moment the 80,000 square feet of floor space. Through a system of code numbers, at least 50 per cent. of the stock can always be kept racked and ready for immediate shipment, either by truck or in the twelve cars for which loading provision has been made. The new system furthermore provides for the direct shipment to the warehouse of less than carload lots, hitherto one of the most vexatious matters with which the firm has had to deal. Mr. Ward believes the new system will almost entirely eliminate errors.

P. Sullivan & Sons Expand

P. Sullivan & Sons, 223-225 Wood street, are extending their boxboard department and hereafter the whole first floor of the building will be used for it. The department is under the management of J. K. Shryock. On the first floor is carried patent coated and white chip and news boards, made by the Frank P. Miller mills at Downingtown, Pa. The main line—paper stock—will be carried on the second, third and fourth floors, and with an additional warehouse at 218 Wood street, known as the Annex.

Phil-Fibre Box Board Mill, Inc.

The Phil-Fibre Box Board Mill, Inc., has been decided as the name of the new venture at Water and Tasker streets, conducted by a partnership consisting of President David Newman, Vice-president Chester A. Simmons, Treasurer Esther Newman. Installation has been completed of the new 70-inch trim machine, with a capacity of 35 tons daily of news, chip, combination and folding box board. Mr. Simmons will give personal attention to purchasing and sales, Miss Newman to office management, and Mr. Newman the manufacturing end.

General Trade News

A. S. Datz & Son, 14-18 South Marshall street, have added a line of Arco Cover papers for boxmakers' use. The line comes in six standard colors and samples now are ready for the trade.

From far-off Sydney, Australia, J. L. N. Smythe, head of the firm bearing his name, has written to Harvey E. Platt, secretary-treasurer, reporting himself in good health. As national president, Mr. Pratt last week visited New York for a conference with National Secretary Ridgway.

Joseph M. Welsh, formerly flat paper salesman with the D. L. Ward Company, has severed his connections there and is planning to be mill representative. W. A. Hentz, sales manager, is now looking after the advertising department in place of A. J. Myers, who has gone into the advertising business.

Howard Satterthwaite, manager of the book paper department of the Garrett-Buchanan Company, 16-24 South Sixth street, has returned to his desk, after a week's trip through the mills in the Middle West.

Frank Schneller, of the Gilbert Paper Company, Menasha, Wis., is making a tour through the East with a line of the firm's bonds, spending a week in this city.

J. Andersen & Co.



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

A-1 Bleached Sulphite

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



KRAFT PULP

Uniform in Quality

Essential for Strength Requirement

THE PULP AND PAPER TRADING COMPANY

21 East 40th Street

New York, N. Y.

Sole Agents for the United States for

CANADIAN KRAFT, LTD., Three Rivers, Canada

New York Trade Jottings

Davel & Co., Inc., paper exporters and importers, formerly at 100 John street, have removed their offices to 15 Platt street.

* * *

Howard Atterbury, of Atterbury Brothers, Inc., 38 Park Row, returned last week from a short trip in Massachusetts and northern New York.

* * *

J. W. Dwyer, of the Great Northern Paper Company, 30 East 42d street, spent the forepart of last week in several Mid-western cities. He returned to his office Wednesday.

* * *

W. A. Donaldson, of the H. G. Craig Company, Inc., 52 Vanderbilt avenue, returned last week from a two-week business trip in the West, where he studied the pulp supply and demand there.

* * *

The Zellerbach Paper Company, of San Francisco, Cal., whose New York offices are at 41 Park Row, announces that it has removed its offices to suite 719, Mohawk Building, corner of Fifth avenue and 21st street.

* * *

The first meeting of the advisory board of the Salesmen's Association of the Paper Industry, which was created at the recent meeting of the American Paper and Pulp Association, was held last Tuesday at the offices of the Association, 18 East 41st street. Plans were made for the launching of a general membership campaign.

Coal Situation Better in Miami Valley

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, December 15, 1919.—The coal situation is improving, and it is hoped that most of the mills in the Miami Valley will be able to continue operation. Such plants as the Champion Coated Paper Company, which was threatened with a shut-down, and the Richardson paper plant at Lockland, which had suspended operations ten days ago, will now secure relief.

Franklin was beginning to feel the effects of the shortage. The Franklin Board and Paper Company was compelled to close on December 6, but continued to give employment to most of its men

on repair work. It was figured that this employment could be continued for ten days in the event it proved necessary. The Srere Brothers' paper mill was faced with the same condition of closing, but things now are shaping up better for that concern. Other mill managers announced they had a sufficient supply for a week. The adjustment of the miners' dispute came in the nick of time to save the Miami Valley from industrial paralysis.

Conferences were held in this city by mill owners, the coal distributor for the valley, and the Dayton Power and Light Company, in the hope of disregarding the orders to close the plants three days out of the week. Washington was wired that the power company, which supplies heat, light and power to about 80 per cent of the firms in Dayton, had a sufficient supply of coal to run the big plant for a period of two months or longer, and local interests could see no reason for suspending business as long as there was coal on hand.

Though restrictive measures are in vogue, most of the Dayton plants are in operation, not a single paper mill here or in the immediate suburbs closing, as far as known.

The Sal Mountain Paper Company, manufacturers of asbestos paper at Rockdale, near Middletown, closed down for a week or more on account of the lack of coal. The mill gave employment to fifty people.

New Comptroller of American Writing

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., December 15, 1919.—P. R. Browne, General Auditor of the American Writing Paper Company, has been appointed successor to F. R. Gee, Comptroller, who resigned to accept a position with the White & Wyckoff Manufacturing Company. Mr. Browne has been closely associated with Mr. Gee in the management of the department of accounting and the supervision of the general office, and his familiarity with the details of the work, therefore, combined with his wide experience and knowledge, make him thoroughly qualified for the position. He assumes his new duties January 1.

The new comptroller has been with the American Writing Paper Company since August, 1917, coming from Ernst & Ernst, the prominent certified public accountants, where he was a member of their staff for four years. He has had wide experience as an accountant, having also been a member of Park-Potter Company, of New York, and was for three years chief of the accountant department of the United States Metal Products Company, of New York.

Bleached and Unbleached
WOOD PULP
 of every description

M. GOTTESMAN & COMPANY

INCORPORATED

18 East 41st Street

NEW YORK, N. Y.

Established 1866

Parswhit Perfect Papers Universally Used

Cable Address:
"Parswhit"



Codes:
Lieber's Standard
ABC—5th Edition
ABC—5th Edition Improved
Western Union
Bentley Phrase Code

**TWO HEMISPHERES WANT
AMERICAN PAPER**

The world is in need of paper and the American paper mills are in a position to supply it.

As a long established export paper house of American origin, we are prepared and equipped to be your foreign representative. Our agents and salesmen are in many of the large buying centers of the world and thereby keep us in intimate touch with the market condition of the various countries.

Let us help you sell your product and have American made papers universally used

"America First"

PARSONS & WHITTEMORE

Incorporated

299 Broadway

New York

Obituary

Oliver Frederick Dwight

CHICAGO, December 15, 1919.—Oliver Frederick Dwight, of the Dwight Brothers Paper Company, Chicago and Milwaukee, died at Battle Creek, Michigan, December 6. He had been in poor health for the past three years, failing gradually after the death of Mrs. Dwight.

Mr. Dwight was born in Martin, Mich., in 1867, and was educated in the schools in Michigan. He first entered the paper business in Kansas City, Mo., in 1892, with the Kansas City Paper House, and was with this house about six years as traveling salesman. He was then with the St. Louis Paper Company, St. Louis, Mo. He moved to Milwaukee, Wis., in 1899, and established the branch house of Dwight Brothers Paper Company. He was the heaviest owner in this company and was affiliated with the parent company, the Dwight Brothers Paper Company, Chicago. He built up a splendid business in Milwaukee and remained actively in business until June of this year when he turned the entire business over to his two sons, A. W. Dwight and O. L. Dwight, who are continuing the business.

The burial was in Milwaukee, June 8.

Henry D. Williams

HOLYOKE, Mass., December 15.—Henry D. Williams, 55 years old, for many years superintendent of the Beebe-Holbrook division of the American Writing Paper Company, died at his home on Pine street last Thursday, following a long illness.

First coming to Holyoke, Mr. Williams was superintendent of the Holyoke Paper Company for several years. He later went to the Parsons Paper Company division and last to the Beebe-

Holbrook plant, remaining with this plant until about a year ago, when he was forced to retire because of ill health. Mr. Williams was a highly skilled paper manufacturer, thoroughly versed in the intricacies of the art of paper making and was recognized as one of the few great experts by all in the local paper industry.

He was born in Mittineague, November 18, 1864. From there he went to Lee, and when yet but a young man entered the employ of a paper mill, where he got his first training as a paper maker.

Sicilian Brimstone Production Described

Parsons & Petit, 63 Beaver street, New York, under date of December 4, have sent us the following communication:

"Perhaps it might be interesting for you to know that we are just in receipt of reliable advices from our Sicilian correspondents, about the brimstone situation in Sicily, to the effect that much unrest exists among the Sicilian miners, with frequent and prolonged strikes—in the beginning of this year, the Sicilian sulphur production was estimated for the year 1919 at 200,000 tons, but, owing to strikes, it will turn out less—some expect 175,000 tons, and maybe not that quantity—there is, at present, none for sale, of Yellow Superior, which used to sell in competition with our domestic production, and the Brown, or best thirds quality, is quoted at equivalent of \$51.50 per ton of 1,030 kilos, in bulk, f. o. b. Sicilian shipping points, to which your kind attention is invited.

"Perhaps we might add, the output to the end of September was 149,000 tons against 142,000 tons last year—exports by the end of September had decreased to 119,000 tons, against 194,000 tons the previous year—the stocks were 136,000 tons against 113,000 tons in September a year ago—the normal production pre-war was 350,000 tons or more."



Nilsen, Rantoul & Co.

INCORPORATED

30 East Forty-second St.

New York

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

We maintain branches at—

Christiana	Barcelona	Mexico City	Rio de Janeiro
Stockholm	Paris	Buenos Aires	Rome

Northern

FIBRE FOLDED TOWELS

Try Them at Our Expense

NORTHERN PAPER MILLS
GREEN BAY, WISCONSIN

ALWAYS CLEAN

USED LIKE A CLOTH

TOWEL

Victory & Gettysburg, Wis.

Many of these Million "Digest" Readers are in YOUR Territory

The Literary Digest alone carries the Northern Fibre Folded Towel message in ads like the one shown above to more than a million people—a million of the best sales prospects in existence.

This does not take into consideration the enormous and powerful circulation of the Saturday Evening Post, System, Factory and American School Board.

Scores of these sales prospects for Northern Fibre Folded Towels are right in your own territory. Every one of them represents an attractive profit to the man who handles the sale.

Remember! Every sale and every inquiry received as a result of the big advertising campaign on Northern Fibre Folded Towels is turned over to the Northern Paper Mills merchant in the territory from which it originated.

NORTHERN PAPER MILLS,
Green Bay, Wisconsin

*Also Makers of Northern Fibre Tissue for Lavatories
Sold only through legitimate trade channels.*

Northern
TRADE MARK
FIBRE FOLDED TOWELS

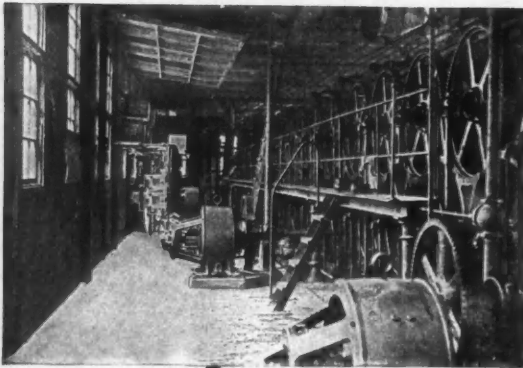
A New System—

Sectional Individual Motor Drive

With

Automatic Regulation and Control

For Paper Machine Drives



WESTINGHOUSE has developed and perfected a new system of regulation and control which automatically maintains the correct speed of each motor, and thereby the proper "draw" for each section of the paper machine.

This system has been thoroughly tried out on a large high-speed News machine, where it is now operating successfully.

No personal attention is required for the regulation of the motors, and no hand operation of rheostats is necessary.

The apparatus for this type of drive, regulation and control, is simple and exceedingly rugged, and eliminates all trouble from belts, gears, clutches, etc.

This new system means **DECREASED MAINTENANCE, GREATER RELIABILITY** and **INCREASED PRODUCTION.**

Westinghouse Electric & Mfg. Co.,
East Pittsburgh, Pa.
Sales Offices in All Large American Cities



Westinghouse

MUNISING PAPER COMPANY

MUNISING MICHIGAN

MANUFACTURERS OF



COLOR QUALITY AND UNIFORMITY
HAVE MADE FOR IT
AN ENVIABLE REPUTATION

“AMERICAN” TWINES



Paper Makers' Twine

Tube Rope

Wall Paper Twine

Hay Rope

Fine and Coarse Polished Twines

Manila Rope

Transmission Rope



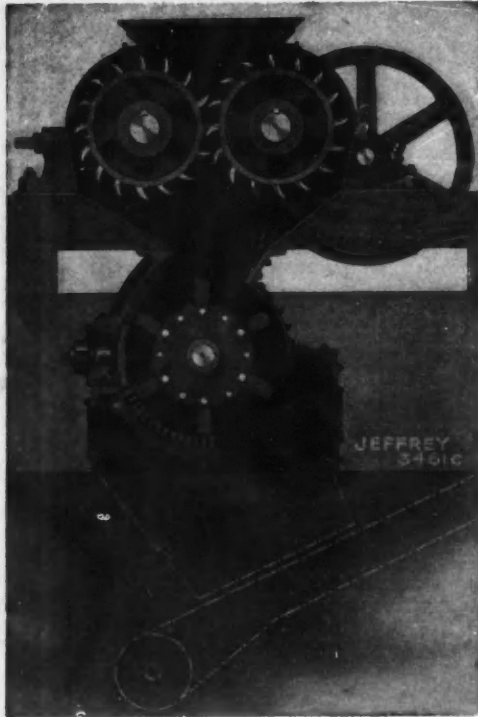
For Prices Write Department M

American Manufacturing Company

Largest Makers of Commercial Twines and Rope in the World

Mills and Sales Office:

NOBLE AND WEST STREETS, BROOKLYN, NEW YORK CITY



SAVE LABOR, POWER, TIME and EXPENSE

In Reducing Your Pulp Laps for the Mixing Engines
By installing

JEFFREY COMBINATION PULP LAP SHREDDERS

Guaranteed Capacity:

10 Tons (Dry Weight) per hour, when reducing Wet,
Dry or Pressed Pulp.

6 Tons (Dry Weight) per hour, when reducing Frozen
Pulp.

Write for prices and complete information

THE JEFFREY MFG. CO.

931 North Fourth Street
COLUMBUS, OHIO

New York
Boston
Philadelphia

Chicago
Pittsburgh
Cleveland

BRANCHES:
St. Louis
Birmingham
Dallas

Milwaukee
Denver
Detroit

Seattle
Montreal

Watch for Your Copy

THE ECONOMIST

If you have had difficulty getting equipment—

Boilers **Tanks** **Dryers**
Power Equipment **Evaporators** **Air Conditioning Equipment**

If manufacturers have quoted high prices and slow deliveries—

Send for the December issue of our "Economist" and see the equipment listed there—every item available for immediate delivery and ready for service in your plant.

Four offices to serve you—write or wire the nearest for quotations on your requirements.

TECHNICAL PRODUCTS COMPANY, Inc.

Technical Service in Used Equipment

501 Fifth Avenue

New York

Chicago
728 Monadnock Building

Toronto
Excelsior Life Building

St. Louis
Railway Ex. Building

**RODNEY
HUNT**

Registered Roll Tag

is for your convenience
and to save you money



**The Rodney Hunt
Registration Tag
Means This to You**

Have you received your copy of Rodney Hunt Roll Turnings? If not, be sure your name is on our mailing list.

that Rodney Hunt Roll experts have built the "right roll for its intended use" and stamped it with their approval.

that a record of its specifications are on file in our Roll Service Records, and in ordering a duplicate it is only necessary to return the Registration Tag.

that the return of the Registration Tag with a record of the service given by the roll to which it was attached is your assurance of vastly improved rolls and roll service.

that the advice of our expert roll makers is at your command at all times to overcome any roll difficulties you may be having.

that because of the Rodney Hunt Roll Agreement Plan, Rodney Hunt Registered Rolls are the most economical rolls you can buy.

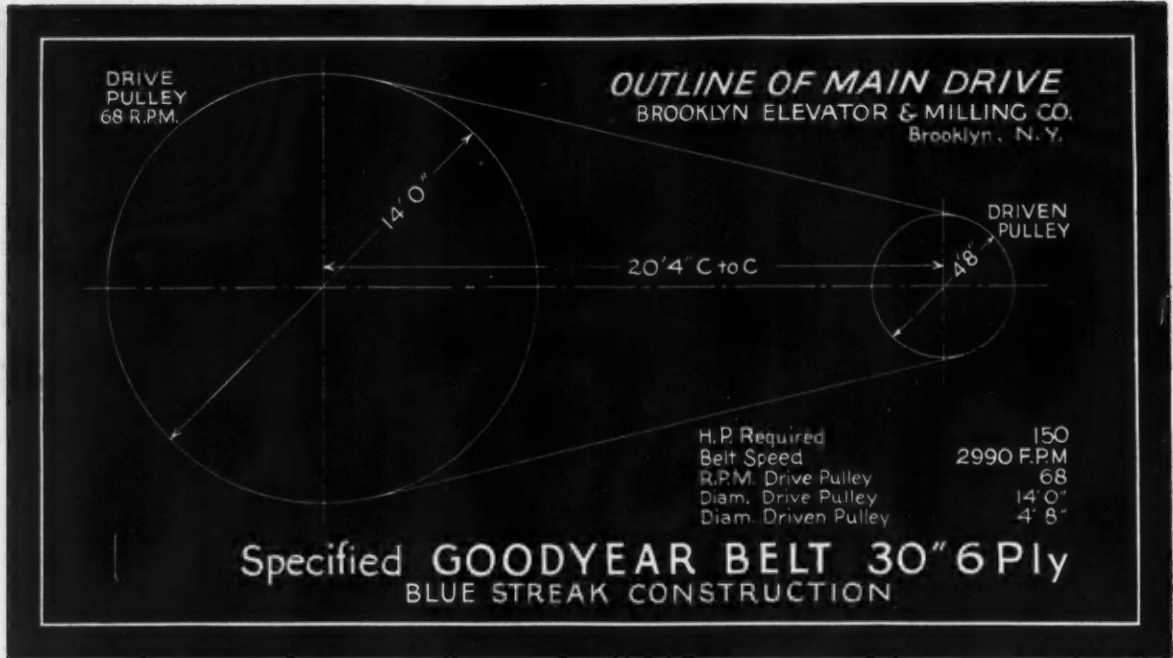
Rodney Hunt Machine Co., 41 Mill St., Orange, Mass.

Water Power Department

Complete equipment from Dam to Tail Race
Turbine Water Wheels
Head Gates, Hoists, Penstocks, etc.

Textile Machinery Department

Fulling Mills Washers
Dyeing and Bleaching Machines
For woven, knit, pile and felt fabrics in the string.



A Main Drive, an Idler, \$3.28—and the G. T. M.

There used to be an idler on the main drive of the Brooklyn Elevator and Milling Company. There used to be expensive belts on the drive costing \$6.84 a foot. They used to last about 18 months. For more than two years that drive has been belted at a cost of \$3.28 less per foot than they used to pay—the idler has been taken off—and they have saved \$389.28 in 24 months on that one drive. It happened this way:

One day in 1916 a G. T. M.—Goodyear Technical Man—called and explained the Goodyear Plan of selling belts to meet conditions. He explained the plan in detail, pointing out that a belt was really a machine part and should be bought just like any other part, to fit the conditions—and not as one buys nails. He told them how the Goodyear Technical Man carefully studied a drive before specifying a belt for it, and enumerated some of the savings that had been made on the drives of a number of plants.

They asked him to study the main drive, because the expensive belt on it was just about giving out. He did so. He found that the idler on it could be dispensed with provided a certain kind of Goodyear friction-surface belt were used. He also found that the slow speed and other con-

ditions could be met better by a certain kind of 6-ply Goodyear construction than by the belt then in use.

He specified a certain 30", 6-ply Goodyear. It cost \$229.60 less than the belt they had been using. They decided to try it. It came, was applied, and has already given 24 months of trouble-free service—and still looks as good as new. With the old kind of belt that drive used to cost \$26.60 per month plus trouble and repairs. With the G. T. M.'s belt it has cost less than \$10.38 per month—and no trouble or repairs. For the 24 months the saving has been \$389.28.

Since then the G. T. M.—Our Mr. Kernohan—has been asked to study many other drives in that plant. His recommendations have saved so much for the company that when they built a new plant every drive in it was belted according to his analysis and specifications.

If you have a belt-devouring drive—no matter how small or how large—ask a G. T. M. to call. He'll do it without charge when next he is in your vicinity. The G. T. M.'s services are free because the savings they effect for belt users are so considerable that a gratifying volume of business is certain to come to us within a few years from the plants served.

GOODYEAR TIRE & RUBBER COMPANY
Offices Throughout the World

BELTING · PACKING HOSE · VALVES
GOODYEAR
MADE IN U.S.A.

We strive to be of
the same value to
Manufacturers that
we have always been
to our Customers.

What have
you to sell?

We will sell
it for you.



FRED C. STRYPE

Domestic & Export
WRAPPING
PAPER
320 Broadway, New York City



GIVE US A CHANCE

to demonstrate to you our ability to furnish the best in colored specialties in the shortest possible time; and at prices that must commend themselves to your attention. Our slogan "Service in Specialties" is no idle one, and we have never failed to make good on our promise.

Incidentally, our new Cohoes Mill is turning out WATCO Bond, a new Paper that is bound to attract considerable attention in the market. Let us tell you about it?

FRANK GILBERT PAPER CO.

Waterford, N. Y. Cohoes, N. Y.

Representatives, WILLIAM E. EBBETS & SON
501 Fifth Ave., New York

**T. F. HART PAPER
COMPANY, Inc.**

Dunkirk, Indiana

MANUFACTURERS OF

**ALBANY
REFINED STRAWBOARD**

for

TUBES AND CAPS

SINGLE and DOUBLE LINED

PLAIN and COLORED

VAT LINED, MILL AND SHEET LINED
SPECIALTIES, ETC.

Domestic and
Export

Mill:
Albany, Indiana



*Itinerant Trotskyites may
as well trot off!*

The classy edition (who said "classic"?) of "A Further Palaver on Paper", just finished by the Roycrofters for us, shoots a lot of interesting dope on KVP—not full of holes either—including some observations of an "outsider" on labor conditions at the mill. Most of the boys and girls out here work with us and not for us, which helps put KVP quality into such of our paper as *you* use.

The book is democratically free!

Kalamazoo Vegetable Parchment Company

KALAMAZOO, MICHIGAN

"World's Model Paper Mill"

Makers of Vegetable Parchment, Bond and Waxed Paper

KVP

Editorial

Vol. LXIX New York, December 18, 1919 No. 25
FORTY-EIGHTH YEAR

More News Print Bills

Congress is again manifesting its old time weakness of meddling with news print. It is too bad that the lesson has not yet been learned that Government interference with this industry is very likely to result in more harm than good. The industry has never recovered from the injury caused by the Taft reciprocity fiasco, and the Government investigation of several years ago served to keep out of the industry millions of dollars which, invested in new plants and additional equipment, would have made impossible the faint line between supply and consumption, which obviously enough exists today in the news print business.

But while the situation in news print is more or less acute, no one acquainted with the industry will believe that any of the bills proposed recently by the various senators and congressmen will be likely to remedy matters.

Of chief interest among these bills is doubtless the Anthony bill, which would fix the maximum size of daily newspapers at twenty-four pages and Sunday editions at thirty-six pages, weekly periodicals to seventy-five pages and monthly periodicals to one hundred pages. Second-class mailing privilege would be denied to the publication of greater size.

This is so obviously class legislation, as it would affect only a comparatively small number of the larger newspapers, that it is inconceivable to think of its being passed. Most of these larger newspapers, also, it should be stated, are not printing large quantities of advertising in the endeavor to save news print.

Judging from the report of the hearing on the bill, which took place in Washington Monday, it is probable that it will not be successful, and it is to be hoped that the several other bills having to do with the news print industry and which have been recently brought up in Congress, will win as little approval.

As already stated, the news print trade will be better able to take care of its customers if Congress meddles less with the matters affecting the industry.

Lockwood's Directory Out

Lockwood's Directory of the Paper, Stationery and Allied Trades, the publication of which has been delayed for several months because of labor trouble in the printing trades of New York City, is just off the press and is ready for delivery.

The war has naturally brought about numerous changes in the paper industry. On account of the control exercised by the Government, and other reasons, numerous changes have been caused in the varieties of papers made by mills. Because of this reason, special effort has been exercised to make the classified list of papers manufactured by the different concerns as accurate and as reliable as possible. By reason of the care and attention that has been given to this part of the compilation of the directory, it is confidently believed that no more up-to-date lists of the products

of the mills could be obtained. After consulting this list, as noted in the foreword of the classified section, the mill reports should be referred to, where more detailed information will be found. This will insure the list being used to the best advantage. As usual, great care also has been given to the correction of other sections of the directory, and they will be found as thoroughly dependable as they have been in the past. The mills have begun to make the expansions and other changes that were temporarily interfered with by the war, and these will be found noted in the mill reports.

The lists of paper dealers, box manufacturers, envelope manufacturers and others in the paper and allied trade also have been carefully revised.

The co-operation of the trade is again asked in expanding the classified list of makers of paper specialties. Sellers of paper and buyers of paper specialties alike find this list very useful, and the publishers are anxious to enlarge it as rapidly as possible. The work of collecting the names of all converters of paper is, however, obviously a difficult one, because many of them have little connection with the industry beyond the fact that they buy paper. Manufacturers of paper specialties are, therefore, urged to send in their names to be included in this section.

In offering this edition of Lockwood's Directory of the Paper and Allied Trades to the industry, the publishers feel confident that it will continue to maintain the prestige which it has enjoyed for so many years.

The price of the directory, in spite of the advancing cost of material and labor remains \$5 as usual. Regular subscribers to the directory who have not as yet sent in their orders should do so at once as the present edition gives promise of being exhausted at an early date.

Anti-Dumping Bill

An anti-dumping bill has been favorably reported by the House Committee on Ways and Means, and passed by the House.

The bill is intended to be an effective bar against the dumping of foreign goods in extensive amounts in this country, and it is deemed especially important at this time when there are evidences of plans to ship such goods heavily into the United States.

Examination of the latest figures as to importations shows that the volume of imports is swelling rapidly. American producers and manufacturers are beginning to complain seriously of the condition of things.

Not only is European competition a factor, but the competition of Japan has to be taken into more serious account than ever before. In a number of lines of industry there are complaints of the invasion of Japanese goods.

Whether the President would sign the bill which has been reported to prevent dumping, is something not known. As indicated by his recent message, the President is no more friendly to the tariff than ever. It is quite plain that if foreign countries are to be permitted to dump their goods as they please in America through the reconstruction period, the difficulties of America in getting back to anything like normal conditions will be greatly increased.

Pulp Wood from Alaska

Competent observers claim, according to the *San Francisco Chronicle* that the territory of Alaska can furnish an abundant and perennial supply of wood pulp timber, and representatives of capital interested in the industry have been looking the ground over and seem to be of the same opinion.

"If the supply is there," the *Chronicle* continued, "it should be utilized. The stands of our Northeastern states are approaching exhaustion, and while Canada still has an abundance of suitable timber, the Canadians insist that the profit of its exploitation shall accrue to Canada and not to us. As we should doubtless feel the same way if we were in the place of the Canadians, we are hardly in a position to complain. In so far, however, as American citizens own Canadian timber land in fee, we might, if we chose, start a quarrel closely resembling that which we have with Mexico over oil land. Canada, however, is different.

"But the Alaska pulp wood timber should be utilized. It is stated the reason why it has not already been exploited is that it is all on government land, and it will not pay to cut the timber under the regulation of the Bureau of Forestry, which requires that the cutting must be so done as to assure reproduction on the cut-over lands.

"It appears to be the fact that cutting will not pay unless a clean sweep is made without too much unproductive labor in the interest of renewals. It is claimed, however, that the Alaskan fir forests will reproduce themselves under any circumstances, as the growth is spontaneous, and very rapid during the short summers, and that with very few restrictions in cutting forests will reproduce themselves forever.

"It is stated that relief is expected either from the Forestry Bureau or from Congress, in which case large operations may be expected at once."

Important Ruling for Shippers

The Interstate Commerce Commission now has under consideration a proposed report in the case of the Waste Merchants' Association of New York vs. Walker D. Hines, et al., which holds that the issuing of "Shippers' Load and Count" bills of lading to paper stock shippers at public stations is discriminatory, but under some circumstances it might not constitute undue preference in favor of other classes of freight, viz., where sufficient checkers were not obtainable and those at hand were placed to check more valuable commodities.

It is also proposed that the members or shippers who belong to the association be reimbursed for the service of loading all cars, loaded by them at the various pier stations around New York Harbor. The substance of the decision being that it is the duty of the carriers to perform this loading service at their own expense, on account of the "Exceptions to Rule 8-B," contained in the various tariffs.

It might be of interest to certain shippers to know that similar conditions exist at Philadelphia, Boston, Baltimore, Washington, Buffalo and several other points.

This case has been handled and will be argued orally before the Commission in January by Ernie Adamson, of the firm of Almy, Van Gordon & Evans, 46 Cedar street, New York.

Mr. Adamson is already retained as traffic counsel for the National Association of Waste Material Dealers, and members thereof are at liberty to address him upon the subject.

Martin Spinelli Opens Office in Springfield

SPRINGFIELD, Mass., December 15, 1919.—The necessity of having representation in paper manufacturing centers is becoming generally recognized by dealers in paper makers' supplies and it is getting to be quite the custom for New York concerns handling paper manufacturing materials to establish branch offices in New England. The latest to take this step is Martin Spinelli, of 132

Nassau street, New York City, dealer in paper makers' supplies of various descriptions, who has just opened a branch office in the Commercial Trust Building, Springfield Mass., in charge of Morris G. Tuck, well-known in the cotton rag trade through his previous connection with Jaffe & Co., of New York.

It is the intention of Mr. Spinelli to broaden the scope of his business through the medium of new cotton cuttings, and his branch office in Springfield in the heart of the writing mill district of New England will afford proper facilities to enable him quickly and satisfactorily to fill all the raw material requirements of paper manufacturers in that part of the country.

Charles A. Esty Paper Co. Building

WORCESTER, Mass., December 15, 1919.—The Charles A. Esty Paper Company has purchased a three-story concrete fireproof building in the heart of the city at 185 Commercial street. The building was erected in 1915 and is so constructed that very few changes will be necessary to make it ideal as a paper warehouse. It gives the company 50 per cent more space than in its present location and is very convenient to the center of Worcester's trade. In the future the spur track which now is across the street from the rear of the building will be extended to provide for full car shipments. The company expects to occupy the building about September 1, 1920.

Colorings for Paper

WILMINGTON, Del., December 16, 1919.—The E. I. duPont deNemours & Co., Inc., Dyestuff Sales Department, has recently announced the placing on the market of Auramine in its two most concentrated brands, also Victoria Green Small Crystals in concentration equal to the strongest pre-war product. They have also announced Pontamine Yellow SX, a direct yellow of fair fastness to acids and good fastness to alkali of the type of pre-war Sun Yellow, equal to the pre-war concentration. They are also offering Paper Blue R Conc. for the purpose of tinting white paper. Each of these products is very well received.

May Not Supply Paper at Fixed Price in Canada

[FROM OUR REGULAR CORRESPONDENT]

OTTAWA, Ont., December 15, 1919.—Some news print manufacturers have notified publishers that they would not supply paper from the first of the new year at the fixed price, thus defying Controller Pringles' orders. In view of this the government has passed an order giving Mr. Pringle authority to notify customs officials at the border to refuse to pass news print exports to the United States. Exports of refractory firms will be banned.

EDWIN BUTTERWORTH & CO.

MANCHESTER, ENGLAND

Packers of all kinds of

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

83

Sole Agents HAFSLUND

BLEACHED SULPHITE PULP — BEAR BRAND

Boston Office, 136 Federal St.

New York Office, 132 Nassau St.

CHARLES H. WOOD, Sr. U. S. Mgr.

LEWIS JENNINGS, Manager

"WATERBURY"



ORISKANY, N. Y.

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

1869 { MADE ONLY AND } **1918**
GUARANTEED BY

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

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.

Percentage of Recovery of Alkali

Question No. 2461: Referring again to Question No. 2461. The point which I wished to bring out was how to figure the percentage of recovery, not the process for obtaining it. In other words, at the end of a day, week, or any other period how to find out how efficient the recovery process is, and what percentage of soda was recovered; 85 per cent is mentioned as a good recovery. Does this mean 85 per cent of the soda which went into the digester for a cook, or 85 per cent of the unconsumed soda which passed out in the black liquor? If the latter, it might sometimes be that the amount recoverable would be very small, and not worth the expense of maintaining a recovery room.

If you can enlighten me on these points, you will greatly oblige.

Answer No. 2461: Ascertain weight of sodium carbonate chemically equivalent to the weight of Salt Cake which was weighed into the system during the period (A).

Correct this weight by the difference between the weights of Sodium Carbonate equivalent to the sums of all of the salts of Sodium in the system at the beginning and at the end of the period (B). B is the weight of Sodium Carbonate which is equivalent to the actual net consumption of Salt Cake during the period.

Calculate from the records of the causticizing department the weight of Sodium Carbonate equivalent to the total Salts of Sodium which have been delivered to the causticizing department during the period (C). $C - B = D =$ weight of Sodium Carbonate equivalent to Salts of Sodium recovered.

D

$\frac{D}{C} =$ Percentage of Recovery.

C

In order that these computations may yield accurate results, careful inventories of the quantities of alkaline salts in the system, including causticizing department, digesters, washing department, evaporators, incinerators and storage vessels must be made and records of volume and alkaline content of liquors entering the causticizing department must be kept. The percentage of recovery as above calculated is a fraction, the numerator of which is Sodium Carbonate equivalent of the Sodium Salts recovered and the denominator the sum of the numerator plus the Sodium Carbonate equivalent of the salt cake charged to the smelters, both numerator and denominator being corrected for difference in inventory.

Eighty-five per cent recovery means that 85/100 of the Sodium Carbonate equivalent of the Sodium Salts entering the causticizing room returns to it as recovered material, while the losses in the various departments amounting to 15/100 of the Sodium Carbonate equivalent of the Sodium Salts entering the causticizing room, are made good by addition of Salt Cake to the smelters.

Regulating a Jordan

Question No. 2474: Will you kindly explain to me in your

Question and Answers Department how a Jordan is regulated to obtain slow stock and free stock?

Answer No. 2474: To regulate the Jordan for slow stock, choke up on the valve at the outlet of the Jordan and open the gate wide in the head box, and run the stock as thick as possible. This is called backing up the Jordan, and its object is to obtain a more complete hydration of the fibres through crushing them in backing up the Jordan. When the Jordan is backed up in this manner there is a considerable volume of stock between the knives of the shell and the knives of the plug, and it requires considerably more power to run a Jordan backed up than it does to run it free. To regulate a Jordan for free stock, open the outlet valve wide, regulate the gate in the head box so that just enough stock is going through to keep up with the paper machine, and run the stock as thin as possible. This is done so there will be the least possible resistance of stock between the knives of the shell and the knives of the plug, and the object is to prevent hydration of the fibres by having them reduced through a sharp cutting action. When stock is run through the Jordan in this manner the knives of the shell and plug are practically grinding on one another and it might be said that this action on the fibres is somewhat similar to the way a lawn mower clips grass. It is the sharp cutting action on the fibres that gives free stock, and the dull crushing treatment of the fibres that produces slow stock.

Preventing Wire from Cracking

Question No. 2476: Can you suggest any method to prevent wire from cracking in on the edges after they have been trimmed? Oftentimes it is necessary to trim the edge off the wire and after we do this the wire cracks in, making it necessary to trim an inch or more off several times during the life of the wire.

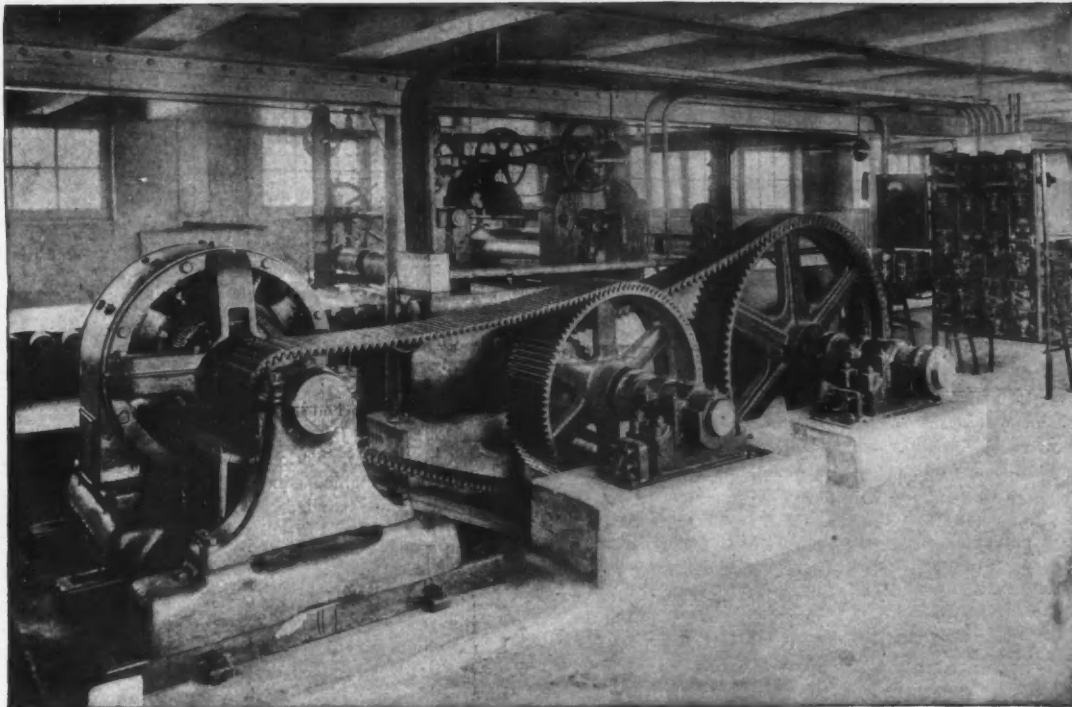
Answer No. 2476: In trimming the edge off a wire, proceed in the following manner: Bring your wire around to the seam, make a straight cut through the seam with a sharp knife, the width you desire to trim off, then carefully tear the strip off all around the wire, being careful that the tear continues straight. Now, here is where you fix it so it won't crack in again unless there is something very wrong with your machine. Pick out four of the lengthwise threads of the wire and pull them out singly all around the wire; when this is done you will find that the cross threads are projecting out about 3/16 of an inch from the innermost lengthwise thread. Start the wire turning, take your closed jack-knife and hold it against the edge of the wire; this will turn the projecting ends of the cross wires in, thus forming a sort of a new edge, which is as nearly crack-proof as the original one. It takes a little extra time to do this in the first place, but you will find that it pays in the end. If your wire cracks through this edge, then some of your rolls are big on the ends, or the edge of the wire is rubbing against something, or the wire guide is unnecessarily stiff. This method of training the wire will also make it guide better, especially where the one-pan type of guide is used.

The Drive of Efficiency The Drive of Durability

MORSE CHAINS

Positive as Gears Flexible as a Belt

Longer Life



Heavy Duty Reversing Drive to Sheet Lead Rolls, Changes directions every 45 seconds Heavy Service

BRING YOUR TRANSMISSION QUESTIONS TO MORSE ^{Silent Chain} DRIVE SERVICE

A drive may be needed for special service in Dust, Gases, Acid Fumes, Steam, or may require speeding up, or increase power.

The more severe the duty the more need of "Morse"—the perfect, durable, positive transmission, with 99% efficiency

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PAPER DEMAND IN CHICAGO CONTINUES VERY ACTIVE

Difficulties in the Way of Production Which the Mills Have Been Encountering Recently Tends to Make the Market Additionally Firm—Paper Men Generally Greatly Relieved at the Early Conclusion of the Coal Strike—Fred Woodcock Paper Co. Will Remove to Much Larger Quarters at 908 W. Lake St.—Mills Not Seeking Much Business as They Generally Have Many Orders.

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, December 15, 1919.—The paper market here continues very firm, owing to the difficulties in the way of production which the mills have been encountering during the past six weeks. The end of the coal strike came as a welcome relief to the jobbing houses, which have been able to work only six hours a day as a result of the curtailment orders. The lifting of the restrictions here came much sooner than was expected. It was believed that restrictions would be necessary for a number of weeks, but the officials, after looking carefully over the situation, decided that it would be possible to remove all restraints at once. Starting with Monday of this week, therefore, the paper jobbing houses, as well as the offices of the mill representatives, returned to a normal schedule of hours. Last week all establishments in the paper trade were closing at 3:30 p. m. It was not possible to operate more than six hours a day, and of course this made things very difficult. Some of the offices continued to work after the 3:30 p. m. closing hour. They used improvised lights and candles, and oil burners for heaters. It was a very unsatisfactory arrangement, and employees grumbled and balked at working after 3:30 p. m., when employees of other downtown firms were allowed to leave for their homes. The mill representatives did not find the early closing a particular hardship. They are not trying very hard to sell paper these days, for the mills have more orders than they can conveniently fill for many weeks to come. There is no sign of a let-down in the demand for paper. Even the printing houses, which were curtailed in their hours along with everybody else, did not let down in their demand for paper, and so far as the paper houses were able to observe, just as much paper as ever was sold.

Fred Woodcock Co. in Larger Quarters

The Fred Woodcock Paper Company will in a few days move to larger quarters at 908 West Lake street, where it will occupy the entire first floor, 80 x 120, which will give the firm more than triple the space now occupied by it. Fred Woodcock states that this expansion of its quarters will enable the company to carry on hand at all times a large stock of paper bags and toilet paper. The company is the selling agent in the Middle West for the Grand Lake Company and the National Paper Products Company.

Dan Shields, who travels for the McNulty Paper and Twine Company, 18 West Kinzie street, has returned from a Middle Western trip.

The Chicago Wrapping Paper Association gave a fine program at the regular monthly meeting, which was held in the New Randolph Hotel last Wednesday night.

Ed. Topping, of the Pilcher-Hamilton Company, has returned to the city, after completing an out-of-town trip.

Douglas Wray, of the Douglas Wray Paper Company, has returned home, after visiting some of the mills.

Bob Butterworth, of the Chicago office of the Champion Coated Paper Company, is home from a Western trip.

James Cavanagh, of the Milwaukee office of the Seaman Paper Company, has been visiting at the main office.

Robert Fay has resigned his position as advertising manager of the Chicago Paper Company to go with the Seaman Paper Company.

Frank Milham, of the Bryant Paper Company, has returned to Kalamazoo, after spending a few days in Chicago.

Norman Bardeen, of the Lee Paper Company, Vicksburg, Mich., has returned home, after spending a few days in Chicago.

Albert Haupli, technical expert with the paper mill of Sears, Roebuck & Co., has returned from a short Eastern trip.

Dr. Otto Kress, of the paper division of the U. S. Forestry Laboratory at Madison, Wis., passed through the city on his way home from the East last week.

W. N. Gillett, of the Chicago Paper Company, has returned from a trip among the Michigan paper mills.

W. E. Dwight, of the Dwight Bros. Paper Company, will leave in a few days for the South, where he will spend the severe months of the winter.

F. W. Harrington, of the Kalamazoo Paper Company, Kalamazoo, Mich., was a visitor in the Chicago market this week.

P. A. Van Vlack, of the Moser Paper Company, has returned to the city, after spending a few days out of the city on business.

Walter Sippel, of the Sippel-Tress Company, who is president of the Chicago Wrapping Paper Association, is planning a series of rousing meetings to be held after the first of the year.

Frank Borchers, of the Chicago office of the Menasha Paper Company, has returned from a Wisconsin trip.

A delegation of Japanese business and manufacturing experts visited Chicago last week, coming direct from San Francisco. The American methods in the manufacture of paper will be among the things studied. Application to visit paper mills in Michigan and Wisconsin will probably be made.

Harold Helmer, of Beecher, Peck & Lewis, Detroit jobbers, was in the city on business this week.

A. M. Curryer, of the Pratt Paper Company, Des Moines, Ia., has returned home, after spending a few days in this market.

Louis Simon, of the Kalamazoo office of the Bermingham & Prosser Company, was in the city during the week.

Fire which attacked a freight siding in one of the local yards destroyed a car containing \$5,000 worth of paper specialties consigned to the Adeo Paper Specialties Company, of this city.

The Taiyo Trading Company has gone in strong for paper specialties of Japanese manufacture. The recent establishment of a large warehouse in Chicago gives unusual facilities. The main office of the company is in New York.

Ed. French, of the French Paper Company, Niles, Mich., was among the visitors in the city this week.

M. D. McAlpine, of Bradner, Smith & Co., has returned from a trip to the mills.

Jim Brady, of the Moser Paper Company, was recently a visitor at the Wisconsin mills.

James McGuirk, of the West Virginia Pulp and Paper Company was recently confined to his home for a couple of days on account of illness.

F. L. Blatt, of the King Paper Company, Kalamazoo, Mich., was a Chicago visitor last week.

J. W. Farson, of the Farson Paper Company, brokers of St. Louis, Mo., spent several days in the city this week.

H. R. Koenig, of the Brown Paper Company, Little Rock, Ark., paid a visit to the city during the week.

Buy Bee Hive Paper Box Co.

INDIANAPOLIS, Ind., December 15, 1919.—The Bee Hive Paper Box Company has been purchased and will be operated with Eli Lilley, Charles J. Lynn and Nicholas H. Noyes as officers. Improvements will be made in the plant and an expansion program is to be worked out under James L. Kelleen as general manager.

JOSEPH N. ULMAN, 1419 Fidelity Building, Baltimore, Md.
C. JOHN BEEUWKES, 626 Equitable Building, Baltimore, Md.
RECEIVERS

RECEIVERS' SALE of All Lands and Buildings, Plant and Equipment of the Baltimore Roofing and Asbestos Manufacturing Company

AT ASBESTOS, CARROLL COUNTY, MD.
JANUARY 5th, 1920

By virtue of an order of the Circuit Court of Baltimore City, passed on the 28th day of October, 1919, in the case of Oliver R. Emigh, et al., vs. Baltimore Roofing and Asbestos Manufacturing Company, the undersigned Receivers will offer for sale at Public Auction, all of the real estate, plant and equipment of the Baltimore Roofing and Asbestos Manufacturing Company at the main plant of the Company.

ASBESTOS, CARROLL COUNTY, MD.,
On Monday, January 5th, 1920,
At 11 o'clock A. M.

The Factory site is located on the Western Maryland Railroad, about 24 miles from Baltimore City and 19 miles from the Harbor of Baltimore City along the main line of the Western Maryland Railway, and on the direct line of the Western Maryland to Pittsburgh and the west, and contains 19 acres, 3 roods and 18 square perches more or less, has Rights-of-Way to and from the Plant connecting with the County Road, leading from Finksburg to Asbestos Station.

The Patapsco River flows through the entire length of the property, and furnishes a reliable supply of pure water. There are some 1830 feet of excellent railroad siding.

Improved by concrete and steel construction building 867 feet long by 54 feet wide, and concrete and steel constructed general warehouse 31 by 390 feet and a frame executive and sales office building, with vault 32 x 50 feet, and also power houses, machine shops, storage buildings, laboratory, paint plant, motor houses, rag rooms, carpenter shops, garage and water system building, the whole constituting a modern and thoroughly equipped asbestos, paper mill, felt mill and roofing plant.

The Plant is equipped with the most modern machinery for the manufacture of roofing papers, felts, asbestos paper, and mill board, and a full description may be had upon application to the Receivers or Auctioneers.

TERMS OF SALE

All of the foregoing property will be offered as a whole, but the receivers reserve the right in their discretion to reject all bids and also to offer the various items of machinery, plant, equipment, land and improvements separately. In the

event of sale as an entirety a cash deposit of \$30,000.00 will be required on account of the purchase price, and the balance, all cash, on ratification of the sale, or, at the option of the purchaser, one-third cash (the aforesaid deposit of \$30,000.00 to apply on account of same), and the balance in six and twelve months, provided deferred payments be secured to the satisfaction of the receivers. All deferred payments to bear interest at 6 per cent per annum from date of sale.

If the various items are sold separately, the terms of sale as to the items of machinery and equipment will be all cash at the time of acceptance of bids, and in that event the machinery and equipment must be removed by the purchasers from their present location in the plant within 30 days from date of sale, and damage to the property caused by the removal replaced at the cost of the purchasers.

In the event of such separate sale, the purchaser of the aforesaid land and improvements will be required to make a deposit of \$10,000.00, and the balance, all cash, on ratification of sale, or, at the option of the purchaser, one-third cash (the aforesaid deposit of \$10,000.00 to apply on account of the same), and the balance in six and twelve months, provided deferred payments be secured to the satisfaction of the receivers. All deferred payments to bear interest at 6 per cent per annum from date of sale.

The various items will be set forth in greater detail in the catalogue of the auctioneers, to be distributed on the date of sale. Those desiring earlier knowledge thereof can obtain same by inquiring of the receivers.

All taxes and other public dues and charges, if any, to be adjusted to the date of transfer.

SAM W. PATTISON & CO.,
407 N. Howard Street,
Auctioneers,
Baltimore, Md.

JOSEPH N. ULMAN,
1419 Fidelity Building, Baltimore, Md.
C. JOHN BEEUWKES,
626 Equitable Building, Baltimore, Md.
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The Fourdrinier Wire Manufacturers are not “limiting output” or attempting to “limit output” but each producer has at all times dependable market information to assist him in forecasting his production requirements intelligently.

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Questions are welcome.

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These results are assured when the temperature in the dryers is constantly maintained at a *uniform* temperature. The Witham System is *guaranteed* to accomplish this condition to within half of one per cent variation.

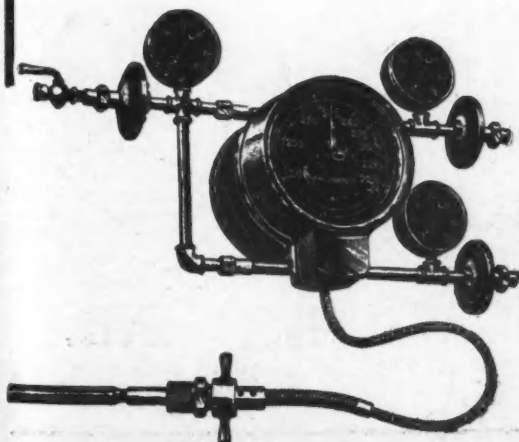
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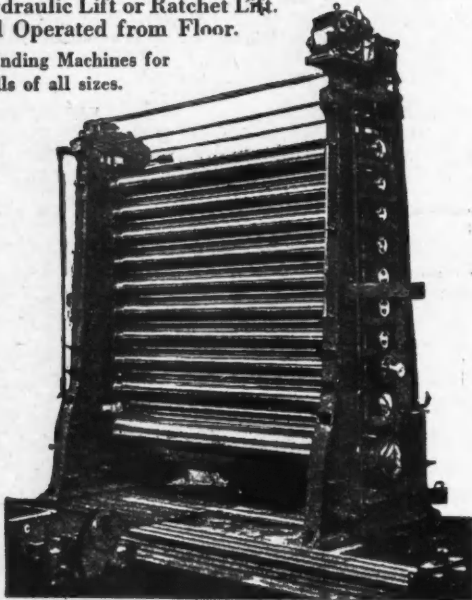
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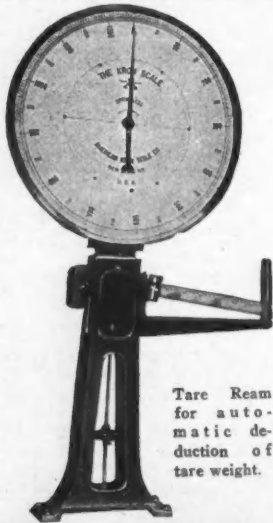
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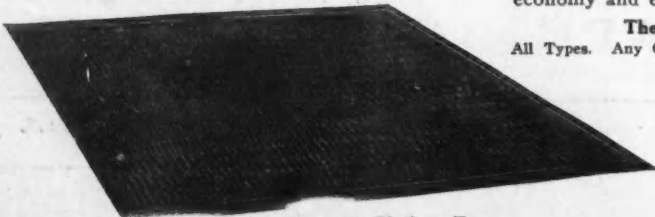
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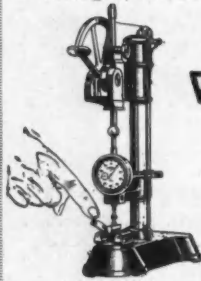
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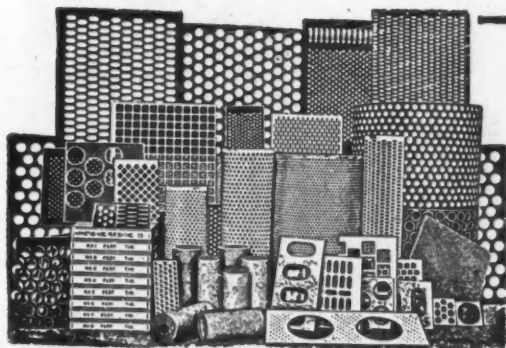
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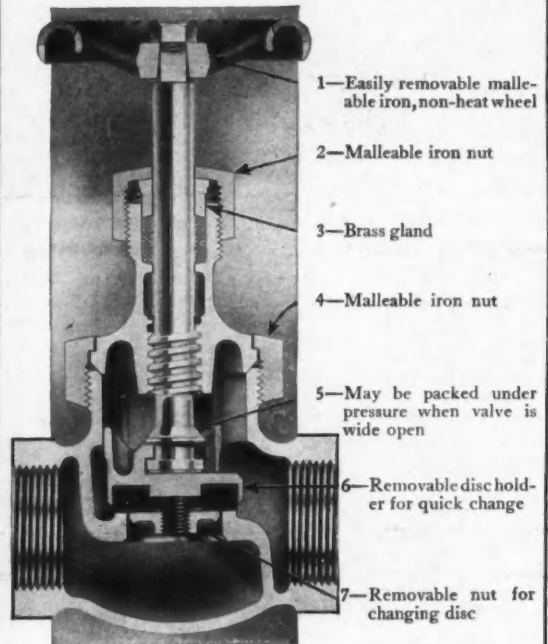
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New York Market Review

OFFICE OF THE PAPER TRADE JOURNAL,
WEDNESDAY, December 17, 1919.

Despite the efforts of the publishers and large manufacturers to cut down the size of daily newspapers in this country; despite the fact that there is at present a Federal investigation of news print and one of pulp pending, news print took another decided leap in the market this week.

Not only has a record in the price of news print been set, if reports which have been received this last week are true, but the actual average selling price of news, spot rolls, has advanced another half-cent, and now is 9 cents a pound. A report was received a few days ago that there was quite a considerable sale of news print by a mill, January delivery, at the record price of 12 cents.

Book paper is steadily showing signs of strengthening, and has been slowly advancing both in demand and price for the past month. This week there is no change in price, but the demand seems to be a little stronger than it was last, and if it keeps up, book will soon be on a level with news. Book is now quoted slightly below spot news, and in comparison with the other market, is very low in price.

Coarse papers, especially wrapping paper, are in strong demand. Boards, too, are very strong in the market, and are commanding fairly high prices.

Bonds, ledgers, and writing papers have been sailing on untroubled waters for some time now, and all dealers report good business, but no unusual demand.

Mechanical Pulp

There seems to be no possibility of obtaining any amounts of ground wood at any price, and trade along that line seems to be restricted to a few small shipments of stored pulp, which sold from \$52@58. Apparently, every pound of ground wood that is manufactured is being sold on contract, and the jobbers get a very small quantity to handle themselves. Demand is so strong that sales at \$60 for new product are not uncommon, although the prevailing price is as quoted.

Chemical Pulp

There is practically no change in the chemical pulp market. Trade is very active, and shipments are heavy and demand good, but not too strong. Dealers are beginning to have difficulty in obtaining all the pulp they need, but no serious shortage is seen in the immediate future.

Rags

Prices in the rag market took a decided jump this week. All grades of rags advanced in price, and still further advances are expected. The demand for rags has increased decidedly, due to the partial settlement of labor difficulties. Manufacturers are beginning to feel a little more secure as to the supply of coal, and labor strikes in general are slowly decreasing, which has given a decided stimulus to all productive enterprises.

Old Ropes and Bagging

There was not the radical strengthening in the old rope and bagging market that characterized the rag market this week. Nevertheless, prices advanced materially on a few of the grades, and demand seems stronger than it was a week or two ago. Trade in this market is fairly strong and shipments heavy.

Paper Stock

Waste paper, of all grades, is in very active demand this week. Prices on most grades advanced materially, some as much as a cent a pound. The poorer grades of stock have been advanced by the strike of small packers here in New York, but the whole market seems to be decidedly stimulated.

Twine

The twine market has been stationary for some time now. Trade is heavy and prices correspondingly high. All supplies of twine manufacturers have been rather scarce for the past three months, and the result has been felt rather seriously on the market.

\$90 FOR NEWS PRINT IN CANADA

(Continued from page 18)

and in the United States that some of the smaller publishers may have to suspend publication through lack of supplies of news print. Canadian authorities intend to see that there is an equitable distribution of supplies in Canada and they are ready to cooperate with the American authorities in making allotments in the United States.

Dominion Survey of Forests

The Canadian Lumbermen's Association are forwarding a resolution to the Government urging that the Commission of Conservation be authorized to proceed with an accurate survey of all standing timber in Canada showing the various kinds of lumber, the quality, location and accessibility, together with available means of transporting same to the nearest market, also a report of all cut-over lands which are suitable only for forest growth with the extent and location of same.

Price Bros. Let Contract for Mill

Having arrived at the decision to erect a large new paper mill, Price Bros. & Co. are losing no time in putting the project into execution. They have just awarded the contract for the construction of the mill to Fraser, Brace & Co., of Montreal and New York, and the work of preparing the foundations has already been begun.

Freight Rates on Paper

The sub-committee, appointed by the Canadian Pulp and Paper Association, met the representatives of the Canadian railway companies last Friday in regard to the proposed new freight rates on paper and paper products. After a long discussion, the railways agreed to suspend their increased tariffs on boards and papers, other than news print, until February 2.

Claims for Damaged News Print

So many claims have been made on the railways of late for damaged news print that several of the representatives of the Canadian paper mills, including Guy Toombs and F. C. Bagley, representing the mills, included in the Canadian Export Paper Company's organization, have gone to Chicago to attend a conference between the railways and the paper manufacturers to discuss means of improving methods in loading and transporting news print.

Exchange Restricting Exports to Britain

The serious drop in sterling exchange is seriously affecting exports from Canada to Great Britain, and is proving a handicap in the export of Canadian paper. It has not yet been announced what the contracts are for overseas exports of Canadian paper in 1920, but the present indications are that the quantity will be considerably less than in 1919 unless the exchange rate improves and the Canadian output is very much increased.

Lockport Paper Co. to Build

NIAGARA FALLS, N. Y., December 15, 1918.—Manager Harry M. Nichols of the Lockport Paper Company announces that the company will build two additions to its plant in Lockport in order to keep up with the demand. One addition will be 260 x 80 feet in which a new and modern paper making machine will be installed. The other will be used for a warehouse and will be 450 x 80 feet. An additional hundred men will be employed when the buildings are equipped and put in operation.

Market Quotations

Paper Company Securities

New York Stock Exchange closing quotations, December 16, 1919:

Stocks	
American Writing Paper Company, pref.	56 56 1/2
International Paper Company, com.	75 75 3/4
International Paper Company, pref.	105 110
International Paper Company, pref., Stamped.	77 78
Union Bag & Paper Corporation.	94 95 1/2
United Paper Board.	27 27

Paper

Bonds	11 @ 41
Ledgers	13 @ 36
Writing—	
Extra Superfine	20 @ 21
Superfine	19 @ 22
Tub Sized	14 @ —
Engine Sized	12 @ —
News—f. o. b. Mill—	
Rolls, contract	@ —
Rolls, transient	8.00 @ 9.50
Sheets	@ —
Side runs	5.00 @ 5.50
Book cases—f. o. b.—N. Y.	
S. & S. C.	9.00 @ 9.50
M. F.	8.75 @ 9.25
Coated and	
Enamel	10.75 @ 12.00
Lithograph	11.75 @ 12.50
Tissues—f. o. b. N. Y.—	
White, No. 1	1.15 @ 1.25
White, No. 2	1.00 @ 1.10
Manila, No. 1	1.00 @ 1.10
Kraft	1.10 @ 1.35
Colored	1.60 @ 3.10
Anti-Tarnish	1.20 @ 1.40
Kraft—f. o. b. Mill—	
No. 1 Domestic	9.00 @ 9.50
No. 2 Domestic	7.75 @ 8.25
Imported	@ —
Screenings	3.75 @ 4.25
Manila—	
No. 1 Jute	11 1/2 @ 12
No. 2 Jute	11 @ 12
No. 1 Wood	5.75 @ 6.25
No. 2 Wood	5.50 @ 6.00
Butchers'	5.00 @ —
Fibre Papers—	
No. 1 Fibre	6.00 @ 6.25
No. 2 Fibre	4.75 @ —
Card Middles	4.00 @ —
Common Bogus	3.00 @ —
Boards, per ton, f. o. b. New Y.—	
News	60.00 @ 65.00
Straw	52.50 @ 55.00
Chip	55.00 @ 60.00
Binders' Board	70.00 @ 75.00
Manila Lnd	
Chip	70.00 @ 75.00
Wood Pulp	80.00 @ 85.00

Mechanical Pulp

(F. O. B. Pulp Mills.)	
No. 1 f. o. b. Mill	\$2.00 @ 55.00

Chemical Pulp

(Ex-Dock, New York.)	
Sulphite (Foreign)—	
Bleached	7.00 @ 7.50
Easy Bleaching	5.00 @ 5.25
No. 1 Unbleached	4.75 @ 5.00
No. 2 Unbleached	4.00 @ 4.50
Kraft (Foreign)	4.25 @ 4.50
(Domestic, f. o. b. Mills.)	
Sulphate—	
Bleached	6.50 @ 7.00
Sulphite (Domestic)—	
Bleached	5.85 @ 6.40
Strong Unbleached	4.25 @ 4.50
Easy Bleaching Sulphite	4.50 @ 5.00
News Sulphite	3.50 @ 3.75
Mitcherlich	5.50 @ 6.00
Kraft (Domestic)	4.00 @ 4.25
F. o. b. mill	4.00 @ 4.25
Soda Bleached	4.75 @ 5.00
*—Dash means nominal.	

Domestic Rags

Prices to Mill, f. o. b. N. Y.	
Shirt Cuttings—	
New White, No. 1	15 1/2 @ 16
New White, No. 2	9 1/2 @ 10
Silesias, No. 1	10 1/2 @ 11

New Unbleached	12 3/4 @ 13 1/2
Washables	9 1/2 @ 10
Fancy	10 1/4 @ 10 1/2
Cottons—according to grades—	
Blue Overall	11 @ 11 1/4
New Blue	9 1/4 @ 9 1/2
New Black Soft	6 1/4 @ 6 1/2
New Light Sec	
onds	6 1/4 @ 7
Khaki cuttings	6 @ 6 1/2
Corduroy	6 1/2 @ 6 3/4
New Canvas	10 1/2 @ 11 1/4
New Black Mixed	5 1/4 @ 5 1/2
White, No. 1—	
Repacked	7 1/4 @ 8 1/4
Miscellaneous	6 1/4 @ 7 1/4
White, No. 2—	
Repacked	5 @ 5 1/2
Miscellaneous	4 1/2 @ 4 3/4
St. Soiled Whites	3 1/2 @ 3 3/4
Thirds and Blues—	
Repacked	4 1/4 @ 4 1/2
Miscellaneous	3 1/2 @ 4
Black Stockings	3 1/2 @ 3 3/4
Cloth Strippings	3 @ 3 1/2
Roofing Stock—	
No. 1	2.90 @ 3.00
No. 2	2.85 @ 2.95
No. 3	2.30 @ 2.50
No. 4	2.30 @ 2.50
No. 5A	2.25 @ 2.50
B	2.05 @ 2.15
C	.95 @ 1.05

Foreign Rags

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

Bagging

Prices to Mill f. o. b. N. Y.	
Gunny No. 1—	
Domestic	3.50 @ 3.60
Foreign	3.40 @ 3.50
Bright Bagging	3.65 @ 3.75
No. 1 Scrap	2.70 @ 2.80
Sound Bagging	2.65 @ 2.75
Wool Tares, light	3.00 @ 3.20
Wool Tares, hvy.	3.60 @ 3.70
Manila Ropes—	
Foreign	6.00 @ 6.25
Domestic	6 @ 6 1/4
New Bu. Cut.	4 1/4 @ 4 1/2
Hessian Jute	
Thirds	6 @ 6 1/4
Mixed Strings	2.70 @ 2.80

Twines

India, No. 6 basis—	
Dark	21 @ 25
Light	27 1/2 @ 26

B. C., 18 Basis	38 @ 40
A. B. Italian, 18 basis	80 @ —
Finished Jute—	
Dark, 18 basis	33 @ 35
Light, 18 basis	35 @ 37
Jute Wrapping, 2-6 ply—	
Extra No. 1	34 @ 36
No. 1	31 @ 33
No. 2	30 @ 31
Tube Rope—	
5-ply and larger (basis)	27 @ —
4-ply	27 1/2 @ —
Fine Tube—	
5-ply and larger (basis)	31 @ —
4-ply	31 1/2 @ —
3-ply	32 @ —
Unfinished India—	
No. 8 (3-ply and larger)	24 @ —
Paper Makers Twine Balls	21 @ 23
Box Twine, 2-4 ply	23 @ 25
Jute Rope	25 @ 40
Amer. Hemp, 6-ply	30 @ 31
Sisal Hay—	
No. 1 Basis	20 @ 22
No. 2 Basis	18 1/2 @ 20
Sisal Lath Yarn—	
No. 1	19 1/2 @ 19 1/2
No. 2	17 1/2 @ 19 1/2
Manila Rope	27 @ 29

Old Waste Papers

(F. o. b. New York.)	
Shavings—	
Hard White, No. 1	5 1/2 @ 5 1/4
Hard White, No. 2	4 1/2 @ 4 1/4
Soft White, No. 1	4 1/4 @ 4 1/4
Colored, No. 1	1 1/2 @ 1 1/4
Flat Stock—	
Stitchless	2.55 @ 2.65
Over Issue Mag.	2.55 @ 2.65
Solid Flat Book	2.40 @ 2.50
Crumpled, No. 1	1.80 @ 1.90
Solid Book Ledger	3.25 @ 3.50
Ledger Stock	2.60 @ 2.75
No. 1 White News	2.70 @ 2.80
New B. B. Chips	.90 @ 1.05
Manilas—	
New Env. Cut.	3.00 @ 3.25
New Cut. No. 1	2.60 @ 2.75
Extra No. 1 Old	1.60 @ 1.70
No. 1 Old	1.30 @ 1.40
No. 2 Old	1.15 @ 1.25
Bogus Wrappers	1.25 @ 1.35
Old Krafts	3.25 @ 3.50
News—	
Strictly Over-issue	1.50 @ 1.60
Strictly Folded	1.10 @ 1.25
No. 1 Mixed	.90 @ .95
Paper	.90 @ .95
Common Paper	.60 @ .70

CHICAGO

[FROM OUR REGULAR CORRESPONDENT]

Paper	
Mill Price to Jobbers	
No. 1 Rag Bond	25 @ 35
No. 2 Rag Bond	18 @ 22
Sulphite Bond	11 1/2 @ 14
Cheap Ledger	16 @ 19
Superfine Writing	20 @ 22
No. 1 Fine Writing	17 @ 18
No. 2 Fine Writing	14 @ 15
No. 3 Fine Writing	11 1/2 @ 12 1/2
No. 1 M. F. Book	9 @ 10
No. 1 S. & S. C. Book	9 @ 11
Coated Book	11 @ 12 1/2
Coated Lateral	11 1/2 @ 12 1/2
News—Rolls mill	7 @ —
News—Sheets mill	7 1/4 @ —
No. 1 Manila	6 @ 6 1/2
No. 1 Fibre	5 1/4 @ 6 1/4
No. 2 Manila	5 1/4 @ 5 1/2
Butchers' Manila	5 @ 5 1/2
No. 2 Kraft	8 1/4 @ 9 1/4
No. 2 Kraft	7 1/2 @ 8
Wood Tag Board	6 1/2 @ 7 1/2
Screenings	4 @ 5
Board being sold at price prevailing at time of shipment.	
Boards, per ton—	
Plain Chip	65.00 @ 70.00
Solid News	70.00 @ 75.00
Manila Lined	
Chips	75.00 @ 80.00
Container liner	
85 Test	100.00 @ 105.00
100 Test	110.00 @ 120.00

Old Papers

Solid Wood Pulp	85.00 @ 90.00
Straw Board	55.00 @ 60.00
Filled Pulp Board	85.00 @ 90.00
Shavings—	
No. 1 Hard White	5.25 @ —
No. 1, Soft White	4.25 @ 4.50
No. 2 Soft White	1.50 @ 1.75
No. 1 Mixed	1.00 @ 1.25
No. 2 Mixed	.90 @ 1.15
Ledgers and Writings	2.85 @ 3.00
Solid Books	2.35 @ 2.50
Blanks	2.25 @ 2.50
No. 2 Books, light	1.50 @ 1.60
Ex. No. 1 Manila	2.75 @ 2.85
Manila Envelope	
Cuttings	3.00 @ 3.25
No. 1 Manilas	1.50 @ 1.75
Folded News (over issue)	1.20 @ 1.35
Old Newspapers	1.05 @ 1.15
Mixed Papers	1.00 @ 1.05
Straw Clippings	1.00 @ 1.10
Binders' Clippings	1.00 @ 1.10
Kraft	3.25 @ 3.50
New Kraft Cuts	3.50 @ 3.75
Roofing Stock, f. o. b. Chicago,	
Net Cash—	
No. 1	67.00 @
2	65.00 @
3	63.00 @
4	63.00 @

PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT]

Paper	
Bonds	12 1/2 @ 55
Ledgers	13 @ 38
Writings—	
Superfine	15 @ 35
Extra fine	35 1/2 @ —
Fine, No. 2	17 @ 25
Fine, No. 3	23 @ —
Fine, No. 3	14 @ —
Book, M. F.	11 @ 12 1/2
Book, S. S. & C.	11 @ 12 1/2
Book, Coated	12 @ 17
Coated Lithograph	12 1/2 @ 17
Label	12 1/2 @ 15 1/2
News	8 @ —
No. 1 Jute Manila	16 @ —
Manila Sul, No. 1	8 @ —
Manila No. 2	5 1/2 @ 6
Common Bogus	5 @ —
Straw Board	60.00 @ 65.00
News Board	60.00 @ 65.00
Chip Board	60.00 @ —

Wood Pulp Board

80.00 @ 100.00 (Carload Lots.)	
Binder Boards—	
Per ton	60.00 @ —
Carload lots	55.00 @ —
Tarred Felts—	
Regular	73 @ 80
Slaters'	78 @ 85
Best Tarred, 1-ply (per ton)	71.00 @ 75.00
Best tarred, 2-ply (per roll)	1.40 @ 1.80
Best Tarred, 3-ply	1.70 @ —

Roofing Rags

No. 1	2.75 @ 3.00
No. 2	2.50 @ 2.75
No. 3	2.15 @ 2.25
No. 4	2.00 @ 2.25

Bagging

Gunny No. 1—	
Foreign	3.00 @ —
Domestic	3.25 @ 3.50

(Continued on page 62.)

Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

NEW YORK IMPORTS

FOR THE WEEK ENDING DECEMBER 13, 1919.

SUMMARY.

Cigarette paper, 52 cs.
Wall paper, 1,278 cs.
Hangings, 33 cs.
Drawing Paper, 4 cs.
Filter paper, 41 cs.

CIGARETTE PAPER.

American Tobacco Co., Rochambeau, Havre, 52 cs.

WALL PAPER.

The Prager Co., Zuiderdijk, Rotterdam, 292 bls.
The Prager Co., Noordam, Rotterdam, 983 bls.
F. L. Kraemar, Willaston, London, 3 bls.

PAPER HANGINGS.

W. H. S. Lloyd & Co., Michigan, London, 33 bls.

DRAWING PAPER.

Japan Paper Co., Michigan, London, 4 cs.

FILTER PAPER.

Reeve & Angel, Michigan, London, 41 cs.

CASEIN.

J. A. & W. Bird & Co., Normanina, Buenos Aires, 870 bags; 42,565 ks.
J. A. & W. Bird & Co., Lorain, Melbourne, 1,000 bags.
Tradesman's National Bank, Dochra, Buenos Aires, 376 bags; 19,141 ks.
Atterbury Bros., Socrates, Buenos Aires, 1,667 bags.
Kalbfleisch Corp., Socrates, Buenos Aires, 2,500 bags.
Guaranty Trust Co., Socrates, Buenos Aires, 3,336 bags.
Canadian Consumers Casein Co., Socrates, Buenos Aires, 834 bags.

RAGS, BAGGINGS, ETC.

W. Hughes & Co., Zuiderdijk, Rotterdam, 281 bls. paper stock.
Atterbury Bros., Zuiderdijk, Rotterdam, 119 bls. rags.
E. J. Kellar & Co., Zuiderdijk, Rotterdam, 234 bls. rags.
E. J. Keller & Co., Zuiderdijk, Rotterdam, 163 bls. shoppery.
Salomon Bros. & Co., Zuiderdijk, Rotterdam, 56 bls. new cuttings.

Salomon Bros. & Co., Zuiderdijk, Rotterdam, 339 bls. old cottons.

F. W. Bird & Co., Zuiderdijk, Rotterdam, 77 bls. paperstock.

M. O'Meara, Zuiderdijk, Rotterdam, 42 bls. paperstock.

M. O'Meara, Zuiderdijk, Rotterdam, 116 bls. bagging.

Castle, Gottheil & Overton, Zuiderdijk, Rotterdam, 172 bls. fustians.

Castle, Gottheil & Overton, Zuiderdijk, Rotterdam, 148 bls. old cottons.

Castle, Gottheil & Overton, Zuiderdijk, Rotterdam, 574 bls. paperstock.

Frank & Berg, Zuiderdijk, Rotterdam, 238 bls. old cottons.

Dallas Waste Mills, Zuiderdijk, Rotterdam, 220 bls. paperstock.

Dallas Waste Mills, Zuiderdijk, Rotterdam, 123 bls. fustians.

Northern Metal Co., Zuiderdijk, Rotterdam, 9 bls. paperstock.

D. M. Hicks & Co., Zuiderdijk, Rotterdam, 20 bls. rags.

Gotham Paperstock Co., Zuiderdijk, Rotterdam, 298 bls. bagging.

Salomon Bros. & Co., Kasama, Hull, 173 bls. rags.

Salomon Bros. & Co., Kasama, Hull, 50 bls. new cuttings.

Equitable Trust Co., Kasama, Hull, 205 bls. rags.

Goldman, Sachs & Co., Kasama, Hull, 193 bls. rags.

Wilkinson Bros. & Co., Kasama, Hull, 119 bls. rags.

Wilkinson Bros. & Co., Kasama, Hull, 103 bls. bagging.

E. J. Kellar & Co., Kasama, Hull, 44 bls. bagging.

E. J. Kellar & Co., Kasama, Hull, 70 bls. paperstock.

E. J. Kellar & Co., Kasama, Hull, 6 bls. new cuttings.

Albion Trading Co., Michigan, London, 651 bls. rags.

Parsons & Whittemore, Michigan, London, 160 bls. waste paper.

OLD ROPE.

W. Van Doorn, Zuiderdijk, Rotterdam, 60 cls.

International Purchasing Co., Kasama, Hull, 168 cls.

International Purchasing Co., Willaston, London, 146 cls.

Arrowhead Mills, Willaston, London, 78 cls.

Hollingsworth, Vose & Co., Teenkai, Hongkong (to Boston), 310 cls.

WOOD PULP.

American Woodpulp Corp., Aladdin, Kristiania, 5,537 bls.

Acer & Co., Keyvine, Clark City, 9,428 bls.

A. J. Pagel & Co., Inc., Oregon, Maluco, 650 bls.

J. Andersen & Co., Oregon, Maluco, 480 bls.

American Woodpulp Corp., Oregon, Maluco, 1,500 bls.

E. M. Sergeant & Co., Oregon, Maluco, 655 bls.

PHILADELPHIA IMPORTS

FOR THE WEEK ENDING DECEMBER 13, 1919.

WOOD PULP.

E. M. Sergeant & Co., Oregon, Copenhagen, 525 bls.

Lagerlof Trading Co., Waco, Kokta, 20,608 bls.; 3,215 tons.

BOSTON IMPORTS

FOR THE WEEK ENDING DECEMBER 13, 1919.

WOOD PULP.

J. Andersen & Co., Oregon, Maluco, 2,400 bls.

A. J. Pagel & Co., Inc., Oregon, Maluco, 4,000 bls.

BALTIMORE IMPORTS

FOR THE WEEK ENDING DECEMBER 13, 1919.

WOOD PULP.

Scandinavian-American Trading Co., Aladdin, Kristiania, 10,600 bls.

American Woodpulp Corp., Aladdin, Kristiania, 3,600 bls.

American Woodpulp Corp., Oregon, Maluco, 900 bls.

A. J. Pagel & Co., Inc., Oregon, Maluco, 4,000 bls.

National City Bank, Oregon, Maluco, 9,600 bls.

E. M. Sergeant Co., Oregon, Maluco, 1,200 bls.

E. M. Sergeant Co., Oregon, Copenhagen, 700 bls.

American Woodpulp Corp., Oregon, Copenhagen, 2,095 bls.

Recent Incorporations

LITCHFIELD PAPER COMPANY, INC., Frankfort, New York. Paper manufacturing. Capital, \$225,000. Incorporators: G. M. McKee, Donnacona, Quebec, Can; W. A. McKee, Hinckley; J. H. Merwin, Utica.

NEW YORK TWINE MILLS COMPANY, Manhattan, New York. Capital, \$10,000. Incorporators: H. E. Rosenberg, L. R. Bick, J. A. Freedman, 1715 East Seventh street, Brooklyn.

CAPITAL PAPER COMPANY, Manhattan, New York. Capital \$15,000. Incorporators: A. S. Meisel, M. S. Finkelstein, J. Levine, 152 Third avenue.

THE C. A. ANTHONY CORPORATION, Manhattan, New York. Paper goods. Capital, \$10,000. Incorporators: L. Rothfeld, L. Reich, Jr., N. McKinnon, 141 Broadway.

Cruising Timber in New England

OLD TOWN, Me., December 16, 1919.—James A. Conners, of the James W. Sewall office, timber cruisers and foresters, has returned from northern New Hampshire and Vermont, where he has been cruising large areas of timberlands. Mr. Conners reports considerable optimistic feeling as to the future forest values throughout that part of the country. W. P. Billings, of the same office, is engaged in estimating on some 70,000 acres of land in northern Maine.

Market for Paper Making in Grenoble

The paper mills of the Grenoble consular district, according to Consul T. D. Davis, Grenoble, France, are at present unable to produce, or to find in France, sufficient pulp for their needs, and are looking to foreign sources of supply. This district contains a very important number of paper mills, which manufacture every grade of paper, one of which is said to be the largest in France. These factories have in most cases installed machinery for making their own pulp, but they are now unable to procure the necessary wood.

To Build Plant in Tennessee

NASHVILLE, Tenn., December 16, 1919.—The Champion Fibre Company, of Hamilton county, Ohio, a \$1,000,000 corporation, has filed its charter with the Secretary of State for the purpose of doing business in Tennessee. The company makes paper, paper and pasteboard boxes and other material made from wood fibres, and has a plant at Haywood, N. C. It will probably place another plant at some point in East Tennessee in the near future.

J. T. R. Gren to Manage Ravenswood Mill

John T. R. Gren has been appointed general manager of the Ravenswood Paper Mill Company, Long Island City, N. Y., in place of Charles I. Karasik, who has ceased to be connected with the company.

The Home of Quality

PAPER BAGS

This Registered Trade Mark Octagon

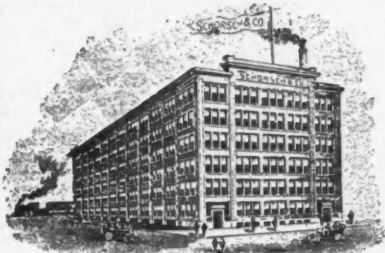
Sacks and Specialties

SCHORSCH & CO.

Manufacturers



on a Paper Bag vouches for its Good Quality



FACTORY 132ND TO 133RD ST. & BROOK AVE.

500 East 133d Street ... New York



EVERYTHING IN

PULP & PAPER

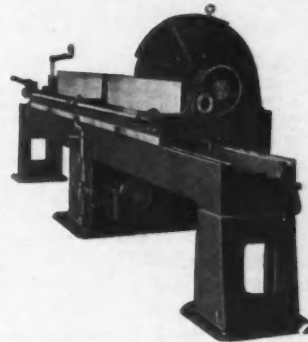
J.F. PATTON CO., INC.

33 West 42ND St.
New York City

(Cable address - Pulp.NY.)



ACCURATE KNIFE GRINDING FULL AUTOMATIC MACHINES



* Improved Constructions in Straight and Cup Wheel Grinders. Many types and sizes for all requirements.

Write for Latest General Catalog

MACHINERY CO. OF AMERICA

BIG RAPIDS, MICHIGAN, U. S. A.

Western Branch, 209 First Ave., So. Seattle, Wash.

Specialist in Saw and Knife Fitting Machinery

FOREIGN and DOMESTIC

Paper Stock
New Cuttings
and Rags

Jute Stock
Sizing, Sulphite
and Soda Pulps

200 FIFTH AVE. NEW YORK

CASTLE, GOTTHEIL & OVERTON

ESTABLISHED 1851

IRA L. BEEBE

CYRUS E. JONES

IRA L. BEEBE & CO.

132 Nassau St., New York

IMPORTERS & DEALERS IN



WOOD PULP

Miscellaneous Markets

OFFICE OF THE PAPER TRADE JOURNAL,
WEDNESDAY, DECEMBER 17.

Chemicals and paper makers' supplies this week are seemingly settling down to a steadiness that has not been seen for some time. Prices are strong in nearly every line, but there is little wildcat speculation of over investment in any grade of stocks.

ALUM.—There has been a steady demand for alum for some time now, and as the supply seems not quite to equalize it, prices have been strengthening slightly. This week, however, trade is steadier, and although several producers have declared themselves out of the market, prices are unchanged. Quotations are 4@4.25c. for lump, and 4.25@4.50c. for powdered ammonia.

BLANC FIXE.—Like alum, the blanc fixe market has settled down to a strong, steady activity. Trade is reported brisk, but not unusually so, and prices are unchanged, being \$40@50 the ton, pulped, and 4.50@5c. the pound, powdered.

BLEACHING POWDER.—There is no change in the bleach market this week. Trade is reported good, and shipments normal. Prices being quoted are the same as last week's, 2.25@2.50c the pound.

BRIMSTONE.—The brimstone market has been steady and active for nearly two months. Trade is good, and prices unchanged, quotations being \$18 for domestic use, and \$20 for export.

CASEIN.—Casein is steadier this week than it has been for some time. Trade is fairly active, and shipments heavy, but there is no unusual change in the New York market this week. Prices being quoted, ex dock, New York, are \$13.40@14.00 for unselected casein, and 14@14.50c for the best qualities.

CAUSTIC SODA.—The caustic soda market is showing strong tendencies this week and, although prices are unchanged, the heavy demand and large shipments may cause a slight increase in price shortly. Quotations are \$2.75 for the 76 per cent caustic, at 60 per cent basis, and 3.65@3.75c for spot delivery.

CHINA CLAY.—The china clay market has been practically stationary for some time now. Prices are unchanged, \$7.50@9.50 the ton; for crude domestic, \$11@12.00 washed at the mine, and \$18@22 for foreign clays.

ROSIN.—The rosin market dropped slightly in New York this week. Although trade is fairly active, and shipments normal, there is not the strong demand which characterized the market a few weeks ago. Paper makers' grades are being quoted at \$18 for grade E, \$18.10 for F, and \$18.15 for G.

SODA ASH.—There is no change in the soda ash market this week. Prices seem to have reached a normal basis, and trade is settling down to an encouraging activity. Soda ash is bringing 1.90c. in bags, and 2c. in barrels.

STARCH.—Trade in the starch market, like most of the other supply markets, is strong and steady. Prices quoted by manufacturers, freight prepaid to New York, in carload lots, per 100 pounds, are: Pearl starch in bags, \$4.97; in barrels, \$5.17. Powdered starch, in bags, \$5.12; in barrels, \$5.31. Finishing starch, in bags, \$5.97. Crystal T. B. starch, No. 90 fluidity (hand packed) in bags, \$6.07; in barrels, \$6.43. Crystal T. B. starch, No. 90 fluidity (machine packed), in bags, \$5.02; in barrels, \$6.28.

SULPHATE OF ALUMINA.—Sulphate of alumina is still showing signs of increased prices this week, although dealers report that the activity is not quite so unusual as it was a few weeks ago. Prices quoted are the same as last week's, 1.75@2c. for the commercial, and 2.65@2.75c. for the iron free grade.

TALC.—The talc market has been showing inclinations of a slight increase this week, but last week's prices are still quoted, \$16@16.50.

BIDS FOR GOVERNMENT PAPER

(Continued from page 22)

consider the elimination of some of the colors now used and to standardize the colors for cover and other papers.

Paper from Waste Plant Fibers

The specifications for machine-finish No. 1 to be made from corn and cotton stalks, flax or cereal straws, wild or cultivated grasses, etc., have been continued in the schedule. The object of this is to encourage the commercial utilization of these materials, and liberal provision is made for the development of processes, and the purchase of a definite quantity of acceptable paper. It is hoped that these lots will have the careful attention of those mills which have experimented with materials of the kind specified; especially of those having experience in the making of paper from waste flax straw.

Regulations for sampling and testing as proposed by this Committee and adopted by the Joint Committee on Printing are included in this report without modification. The resolution of the Joint Committee on Printing with regard to the sampling and listing of open-market purchases is also included.

Market Quotations

(Continued from page 59)

Scrap Burlaps...	3.00	@	3.25
Wool Tares, heavy	5.20	@	5.50
Mixed Strings...	2.75	@	3.00
Manila Shaving, No. 2			nominal
Manila Sul., No. 1		@	4.75
No. 1, New Lt. Burlap	10.50	@	12.00
New Burlap Cuttings	4.00	@	4.25

No. 1 Books heavy	2.00	@	2.25
No. 2 Books, light	1.50	@	1.75
No. 1 New Manila	2.75	@	3.00
No. 1 Old Manila	1.30	@	1.40
Old Kraft	2.90	@	3.00
Overissue News...	1.00	@	1.10
Old Newspaper...	80	@	90
No. 1 Mixed Paper	80	@	95
Common Paper...	60	@	70
Straw Board Chip	75	@	80
Binders' Bd. Chip	75	@	80

Old Papers

Shavings—			
No. 1 Hard White	5.50	@	5.75
No. 2 Hard White	4.25	@	4.50
No. 1 Soft White	4.25	@	4.50
No. 2 Soft White	2.25	@	2.50
No. 1 Mixed	1.50	@	1.75
No. 2 Mixed	1.25	@	1.50
Solid Ledger Stock	2.90	@	3.00
Writing Paper...	2.50	@	2.75

Rags

Old White	8.00	@	8.50
No. 1	8.00	@	8.50
No. 2	5.00	@	5.50
Blues—			
Thirds and Blues	4.00	@	4.25
Black Cotton Stockings	3.50	@	4.00
Mixed ganzies	3.00	@	3.50
Lace Curtains	6.50	@	7.00
Colored Wiping Rags	9.00	@	9.50
Cotton Quilts	3.50	@	4.00
White Cotton Batting	5.50	@	6.00

BOSTON

[FROM OUR REGULAR CORRESPONDENT]

Paper				Old Papers			
Bonds	.13	@	--	Shavings—			
Ledgers	.18	@	--	No. 1 Hard White	5	@	--
Writings—				No. 1 Soft White	4	@	4 1/4
Superfine	.20	@	--	No. 1 Mixed	1 1/2	@	2
Fine	.17	@	--	Ledger and Writings	2.50	@	2.75
Books, S. & S. C.	.12 1/2	@	--	Solid Book	2 1/4	@	2 3/4
Book, M. F.	.11	@	--	Blanks	1 3/4	@	2
Book, Coated	.13	@	--	No. 2 Books, light	1.50	@	2.00
Label	.13	@	--	Ex. No. 1 Manila	2	@	2 3/4
News, Sheets	8	@	--	No. 1 Manila	1.50	@	1.75
News, Rolls	8	@	--	Folded News (overissues) .. .85 @ 90			
Manila—				Old Newspapers.. .80 @ 85			
No. 1 Manila	6 1/2	@	6 1/2	Mixed Paper	.70	@	.75
No. 1 Fibre	6	@	6 1/4	Gunny Bagging	3.25	@	--
No. 1 Jute	12 1/2	@	13	Manila Rope	5 1/4	@	6
Kraft Wrappings	9 1/2	@	10				
Common Bogus	3 1/2	@	3 3/4				
These prices are f. o. b. mill.							
Chip Board (ton)	60.00	@	65.00				
Straw Board (ton)	60.00	@	70.00				
News Board (ton)	65.00	@	75.00				
Wood Pulp Board	75.00	@	87.50				

The Mathieson Alkali Works, Inc.

WORKS AT

SALTVILLE, VIRGINIA, and at
NIAGARA FALLS, NEW YORK

“Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

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

LIQUID CHLORINE

Pure, anhydrous, in improved and convenient packages.

Soda Ash

48 per cent. and 58 per cent.

Caustic Soda

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

Bicarbonate of Soda

Packed in Kegs, Barrels or Bags; also Cases

Arnold Hoffman & Company, Inc.

SOLE AGENTS

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

WANT AND FOR SALE ADVERTISEMENTS

HELP WANTED

MACHINE TENDER AND BACK TENDER

—Positions open in modern mill on Yankee Fourdrinier; eight-hour shifts. Rates better than average. Excellent living conditions in centrally located city of 30,000 population. Give references, married, age and kinds of paper have run. Address, Box 1787, care Paper Trade Journal. D-25

WANTED—Machine and Back Tenders for 62-inch Cylinder Machines on on Chip and News Board. Two-machine mill, practically new. Address, Box 1788, care Paper Trade Journal. D-18

WANTED—Experienced Mill Manager, one familiar with Fourdrinier and Cylinder specialties, also with ability to handle general sales. Address, Box 1577, care Paper Trade Journal. D-18

WANTED—Master Mechanic in a Pulp and Paper Mill. Good position for right man. Give experience, references and salary desired. Address, Box 1791, care Paper Trade Journal. D-25

WANTED—Two Back Tenders for double cylinder machine, running not over 70 feet a minute, on rope stock, 36-inch rolls. Good wages and steady employment for the right man. Prefer married men. Good location. Address, Box 1792, care Paper Trade Journal. D-25

WANTED—Back Tenders on Cylinder Tissue Machine. Address, Box 1793, care Paper Trade Journal. D-11

WANTED—Machine Tender on one Cylinder Machine. Mill in good Middle Western town. Good steady job for right man. Address, Box 1794, care Paper Trade Journal. D-18

WANTED—Super-Calendar Foreman. A man who thoroughly understands this work and can keep the stacks in A No. 1 condition. No others need apply. Address, Box 1795, care Paper Trade Journal. D-18

WANTED AS FOLLOWS—3 Back Tenders; 3 Finishers; 2 Boss Beatermen. The above are wanted for Paper Mill running 12-hour shifts. Address, Box 94, Whippany, N. J. D-18

SALESMEN—New York office of out-of-town concern desires salesman who has specialized in the sale of fine papers in New York and vicinity. We have unusual opportunity for right man with fine compensation. In reply please give experience. Any information given will be considered confidential. Address, Box 1806, care Paper Trade Journal. D-18

WANTED—Salesmen for New England, New York, Pennsylvania, Ohio and Indiana for roll paper cutters direct from factory to jobber of wrapping paper, and kindred lines. A splendid opportunity for a hustler. Address, Box 1807, care Paper Trade Journal. D-18

WANTED—Boss Finisher. Embossed, Plated Machine finish specialties. State experience and wages wanted and when could report for duty. Address, Box 1809, care Paper Trade Journal. D-25

WANTED—Salesmen as a side line on a large line of Gummed Labels for wholesale Stationery Trade. Large Department Stores, and special labels for manufacturers, etc. All that is necessary is our catalog. Territory New England, New York, Pennsylvania, Ohio and Indiana. Address, Box 1808, care Paper Trade Journal. D-18

WANTED—Superintendent to take charge of toilet paper converting plant in middle west. Now running 600 cases per day. None but experienced need apply. Applications treated confidentially. Address, Box 1810, care Paper Trade Journal. D-18

WANTED—A non-union Harper machine tender. To a man who will show ability and a co-operative spirit with his employers, we can offer good wages and the best of working conditions. Must give references and experience in first letter. Address, Box 1811, care Paper Trade Journal. D-25

HELP WANTED

WANTED—Millwrights, steady work. In replying, state experience and salary expected. Address, Continental Paper Co., Bogota, N. J. D-18

WANTED—An experienced Stereotyper. Must furnish references. Address, Box 1812, care Paper Trade Journal. D-25

WANTED—Reliable and efficient beater engineers for mill located in middle west. Experience on Colors necessary. Manufacturers of fibre paper and specialties. Three tour system. 52c. per hour. Will assist in purchase of home for satisfactory man if necessary. Good location. Address, Box 1813, care Paper Trade Journal. J-1

WANTED—Back Tender for small Fourdrinier machine on specialties. 12 hour day run. Address, Box 1814, care Paper Trade Journal. D-18

WANTED—One machine tender in two tour mill. Fourdrinier machine. Water finished fibres. Good wages. Must be reliable. Address, Box 1815, care Paper Trade Journal. J-1

WANTED—Back Tender in two tour mill. Machines running water finished fibre. Address, Box 1816, care Paper Trade Journal. J-1

SITUATIONS WANTED

BOSS FINISHER—Competent executive of proven ability, at present employed by large specialty mill. Will be open for engagement January 1st. Address, Box 1782, care Paper Trade Journal. D-18

COATING MILL—Experienced Boss finisher and calendar man of wide experience on friction and super calendar coated papers seeks connection with first-class mill requiring the services of a snappy, aggressive foreman and producing man. Address, Box 1783, care Paper Trade Journal. D-18

WANTED—Position as Boss Beaterman or night boss, having long experience on Book, Envelope and all Sulphite Bonds and Ledgers. Also Kraft and Bag Papers; good colorman. References as to character and capabilities. Address, Box 1785, care Paper Trade Journal. D-18

EXECUTIVE—Practical man, General Superintendent, large plants last eight years. Desires to connect with progressive company or smaller concern where later interest could be arranged. Present position worth \$5,500 per year. Address, Box 1786, care Paper Trade Journal. D-18

A YOUNG, AGGRESSIVE and responsible sales agency seeks permanent mill connections, particularly with manufacturers of Kraft and Book. Address, Box 1482, care Paper Trade Journal. D-18

WOOD PULP—Salesman thoroughly acquainted with imported and domestic pulps. Only men of high class and proven ability need apply. Address, in confidence, Box 1730, care Paper Trade Journal. D-18

ENGINEER desires to make change. Competent man to take charge of proportioning, designing, construction, remodeling and maintenance of pulp and paper mills. Address, Box 1757, care Paper Trade Journal. D-18

MAN, WITH TWELVE YEARS' EXPERIENCE in both manufacturing and sales, seeks a position as salesmanager with a mill making book or writing. Now with a jobber, but would like to return to the manufacturing end of the industry. Correspondence solicited. Address, Box 1762, care Paper Trade Journal. J-1

MAN having an established, well equipped office and warehouse in Philadelphia now calling on Paper Jobbers in territory bounded by Richmond, Va. and Penna. State wishes to represent a Paper Mill or Converter of Paper on a strictly commission basis. Only a product sold to the Paper Jobber considered. Address, Box 1796, care Paper Trade Journal. D-18

SITUATIONS WANTED

SUPERINTENDENT desires position. Thorough papermaker with Cylinder and Fourdrinier machines; experienced in all kinds of boxboard, book and writings. Can furnish best of references. Address, Box 1800, care Paper Trade Journal. D-18

AGENCIES WANTED—Canadian Supply house having sales organization and splendid connections with all the Pulp and Paper Mills, also the Industrial Plants throughout the Dominion, is open to handle one or two more specialties of merit, chemical, mechanical or paper lines. American references available. Address, Box 1801, care Paper Trade Journal. D-18

WANTED—Position as Master Mechanic or Superintendent of roofing manufacturing plant. Fourteen years experience in roofing and wall-board business. Capable of designing and erecting complete plant for the manufacture of roofing papers and asphalt shingles. 35 years old. Married. Address, Box 1817, care Paper Trade Journal. J-1

TISSUE SUPERINTENDENT open for position after January 1st. Thoroughly practical man on all grades of tissues especially waxing tissues and bread wrappers. Best of references. Address, Box 1818, care Paper Trade Journal. D-18

PAPER MILL OFFICE MANAGER open for engagement. Thoroughly familiar with details, also buying and selling. Address, Box 1819, care Paper Trade Journal. J-15

WANTED—Position as assistant Superintendent or Beater Room Foreman, by a man with 15 years' experience as Beater Engineer, Foreman and Assistant Superintendent. Experience on all grades of paper, news, book, fibre and specialties. Seven years on Kraft. A No. 1 on colors. Address, Box 1820, care Paper Trade Journal. D-18

WANTED—Position as machine tender or foreman, on Fourdrinier or cylinder machine. Heavy or light weight papers. Can furnish best of references. 25 years experience. Address, Box 1821, care Paper Trade Journal. D-18

ENVELOPE CUTTER seeks change. Twelve years' experience on all lines of cutting, including the care of cutting dies. Capable of taking charge of department. Address, Box 1824, care Paper Trade Journal. D-18

SUPERINTENDENT—Capable young man, 10 years' experience, seeks permanent position with reliable manufacturers in the following lines: Waterproof and Colored Crepe Papers, Wax Papers, Carbon Papers, Embossed Lace Papers, Coated Papers, and Paper Novelties. Also well familiar with designing paperworking machinery and all sorts of paper labor-saving devices. Best references. Address, Box 1790, care Paper Trade Journal. D-18

EXPORTERS!!! Can you use a young man thoroughly familiar with American made papers? Also have a knowledge of Spanish and have a wide acquaintance among manufacturers. Address, Box 1825, care Paper Trade Journal. D-18

FOR SALE

FOR SALE—One Hudson-Sharp Roll Toilet Paper Machine, 72-inch. Inside measurement of mandrell, 1 1/2 inches. New machine, never used, in original case as received from factory. Also Hudson-Sharp Roll Tightener. Immediate delivery. Address, Box 1739, care Paper Trade Journal. D-18

FOR SALE—Two sulphite beaters 12x40 feet, and one Vesuvius 1800-pound sulphur burner, all new. Address, Peshtigo Pulp and Paper Co., Green Bay, Wisconsin. D-18

FOR SALE—Two absolutely new 17"x22" Ohio Cultivator Bailing presses equipped with friction clutches. Piermont Paper Company, Piermont, N. Y. D-18

FOR SALE—Two 54" Dietz Sitters and Rewinders; one 16x20 two-color Harris Press; one Hamblet Roll Sheet Cutter; one 40" Cutting Blade—table 36". For details Write, Purchasing Department, Continental Paper Bag Co., 17 Battery Place, N. Y. City. D-18

FOR SALE

FOR SALE

One (1) 76-inch Downingtown duplex cutter with duplex slitting attachment.
Two (2) No. 2 Claflin Engines.
THE SHARTLE BROS. MACHINE CO.
Middletown, Ohio.

FOR SALE—One Ryther Pulp Shredder, in first-class condition; used about six months. Address, Box 516, Niagara Falls, N. Y. **tf**

PAPER MILL FOR SALE—Excellent location, 75 miles from Chicago. 72-inch Two Cylinder Machine. A small mill with possibilities. Will give terms to responsible parties. Write or wire W. E. Burby, St. Joseph, Michigan. **D-25**

ENTIRE EQUIPMENT OF PAPER MILL FOR SALE. Will sell whole or in part. 72-inch Two Cylinder machine, pumps, Jordans, beaters, boiler, screens, engines, etc. Get our price on any equipment you need. All machinery is ready for immediate delivery and in excellent condition. Reply, Box 1802, care Paper Trade Journal. **D-25**

FOR SALE

One Mills Universal Beating Engine. Never been used. Attractive Price for Quick Sale. Address,
MT. HOLLY PAPER MILLS, INC.,
Mt. Holly Springs, Pa. **tf**

FOR SALE

BOARD MACHINE—Six cylinder 36"x50", 5 baby presses, three presses, 61 dryers, two stacks calenders, duplex cutter and Marshall drive.
PAPER MACHINE—1 72" Fourdrinier, two presses, 15 dryers, 36"x69", Marshall drive.
BOARD MACHINE—Five cylinders, 30"x72", three presses, 23 dryers, 36"x66"; calenders, cutter and Marshall drive.
PULP DRYING MACHINE—Two molds, 30"x77", three presses, 37 dryers, 48"x68", Marshall drive.
MACHINE CALENDERS—1 84" nine roll, 1 82" nine roll, 1 72" nine roll, 1 68" five roll, 1 48" five roll, 1 37" five roll.
SUPER CALENDERS—1 62" Norwood, 1 60" Norwood cotton rolls, 1 53" Holyoke, 1 45" Norwood, 1 43" Holyoke.
SLITTERS AND WINDERS—1 127" Kidder, 1 108" Kidder, 1 102" Langston, 1 60" Kidder, 1 38" Kidder.
PAPER SHEET CUTTERS—1 112" Finlay, 1 108" Horne, 1 104" B & C, 1 84" Beloit duplex, 1 62" Horne, 1 53" Finlay, 1 48" Finlay, 1 42" Finlay.
REAM CUTTERS—1 50" Dayton Seybold, 1 48" Acme, 1 46" Sheridan, 1 36" Sheridan.
BEATERS—2 52"x52" Hornes, 1 53"x52" Emerson, 1 48"x48" Horne, 1 48"x48" Downingtown, 1 48"x66" Umperston, 1 No. 1 Claflin.
JORDANS—1 Jones Wagg Majestic with base, 1 Emerson "Special," 1 Noble & Wood with base, 1 Emerson with base, 2 Smith & Winchesters, without base.
PUMPS—1 Deane triplex power water pump 10"x10", 2 Deane triplex stuff pumps, 8"x8", 2 Pusey & Jones double stuff pumps 6"x10", 1 10" Worthington centrifugal, 3 4" centrifugals, 3 3" centrifugals.
SCREENS—2 ten plate packers.
WET MACHINE—2 84" Sandy Hill Iron & Brass, 1 72" Bagley & Sewall hydraulic.
BOARD CALENDER—1 Horne two rolls, 48"x48".

FRANK H. DAVIS

175 Richdale Ave., Cambridge, Mass.

FOR SALE

FOR SALE—One new 84-inch Rotary Bleach Boiler. The Smith Paper Company, Lee, Mass. **D-18**

FOR SALE—One second-hand 42" Cameron Universal type No. 6 Slitter and Rewinder, in A-1 condition. Has 16 cutters, four rewinding shafts and measuring attachment. Immediate delivery. Address, Gibbs-Brower Co., 261 Broadway, New York City. **tf**

MISCELLANEOUS

FOR SALE—Two second-hand cylinder molds, one 94 inches face by 36 inches diameter, suitable for water filter; one 74 inches by 30 inches diameter, suitable for tissue machine. We cover your cylinders in the mill on short notice and plan to put them on right. Clark Manufacturing Co., Holyoke, Mass. **tf**

WANTED—Roll Grinder of size to handle rolls from 100-inch and 180-inch paper machines. Address, Box 1803, care Paper Trade Journal. **D-25**

WANTED—To lease or purchase Straw Board or Paper Mill. Also experimental plant. Give full particulars in first letter. Address, Box 1822, care Paper Trade Journal. **D-18**

WANTED—Double Roll Drum winder from 50" to 60" in width. Must be in good condition. When submitting proposition send cut of machine. Detroit Sulphite Pulp and Paper Co., 2607 West Jefferson Ave., Detroit, Mich. **J-1**

PAPER FOR SALE

Immediate Delivery, Attractive Prices.

COATED BOOK
50 tons 31 x 43"—500
Basis 25 x 38—60 heavier

M. G. SULPHITE—White
25 tons 30 3/4 x 42 3/4"—500
Basis 24 x 36—20—480

Write for particulars to Box 1823, care Paper Trade Journal. **D-18**

Rags, Paper Stock, Etc.

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

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

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

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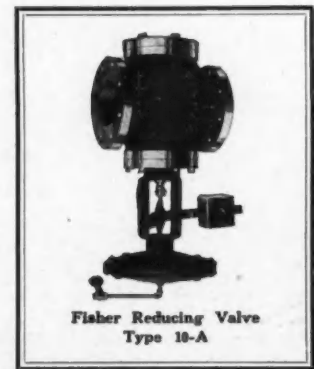
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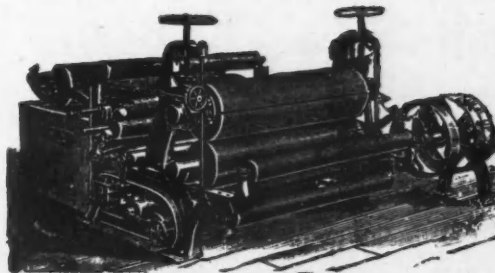
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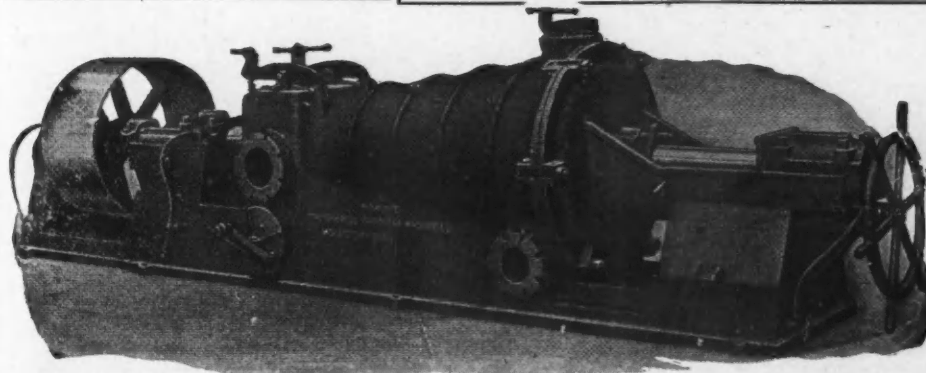
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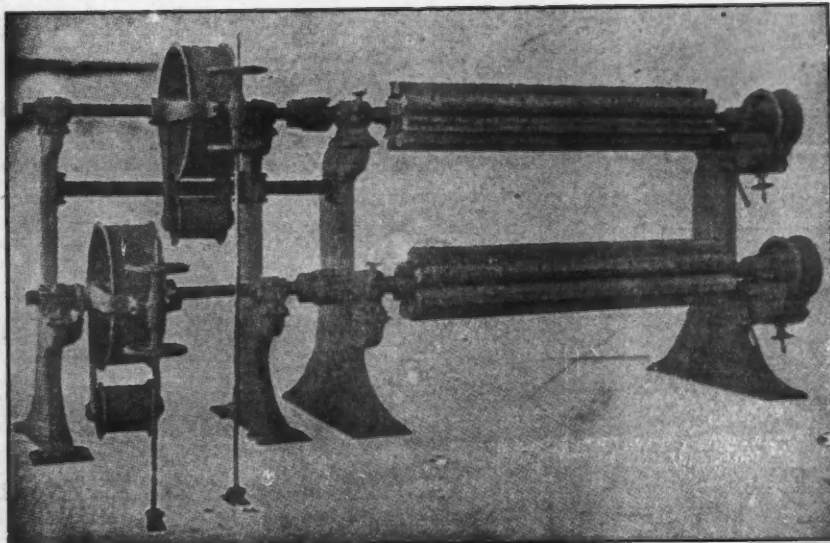
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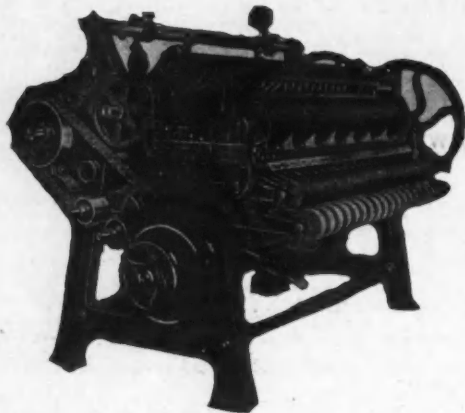
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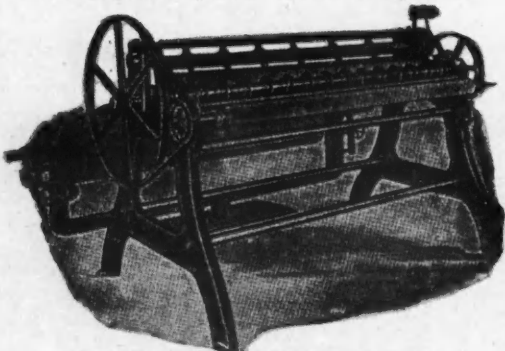
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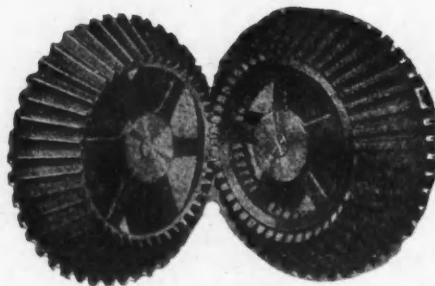
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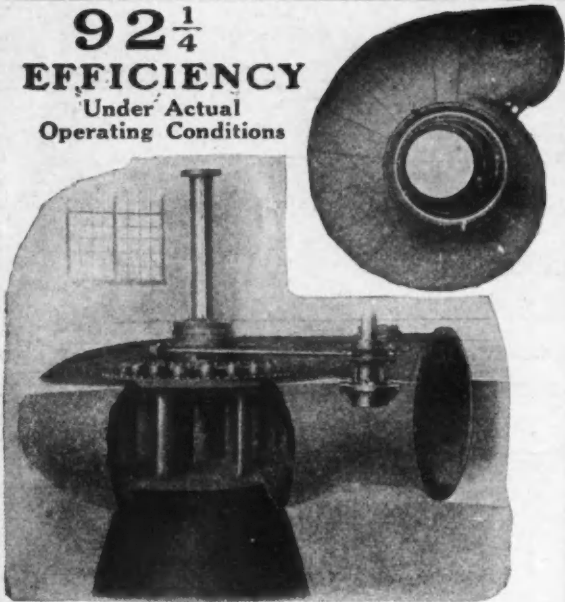
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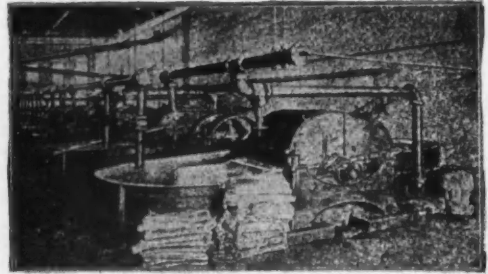
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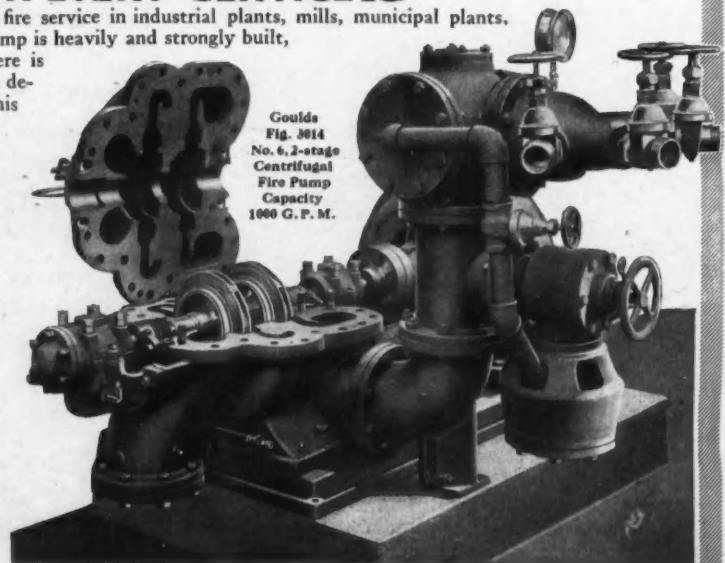
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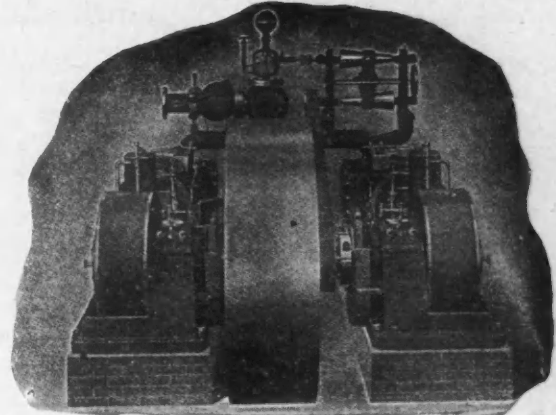
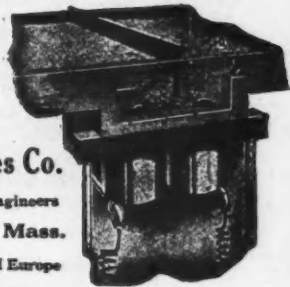
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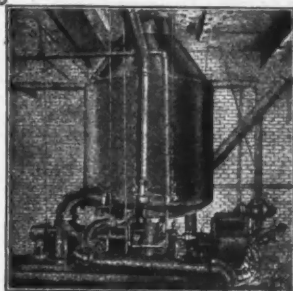
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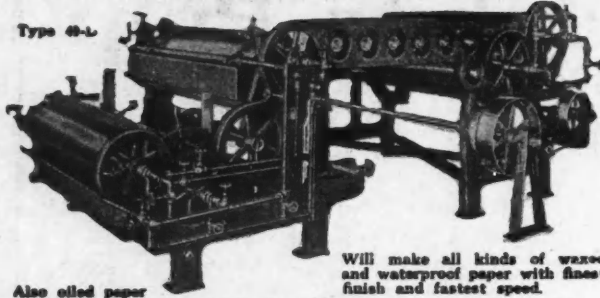
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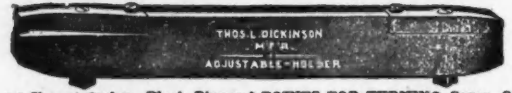
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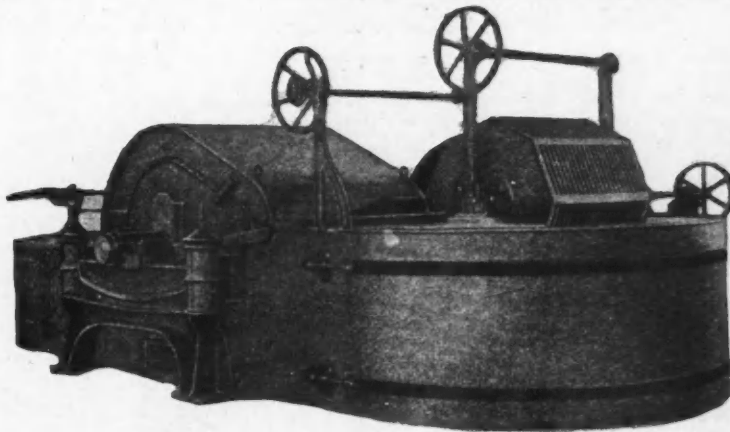
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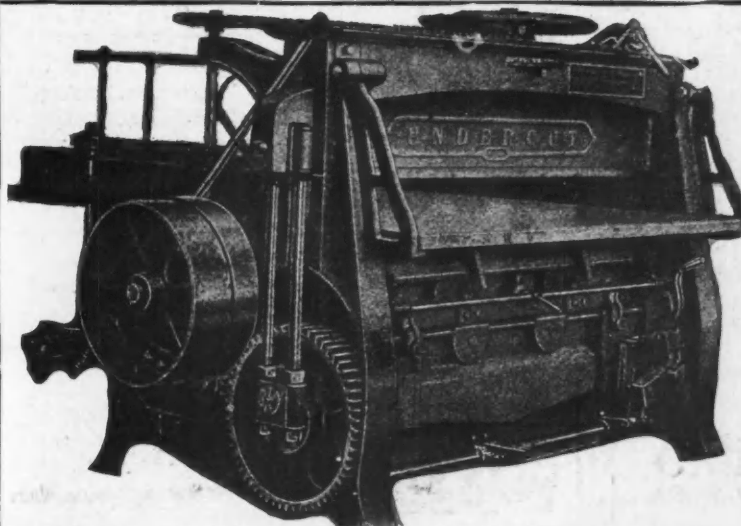
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The Paper Mill Cutter, combining the highest degree of accuracy, speed and simplicity for the most exact trimming.

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.

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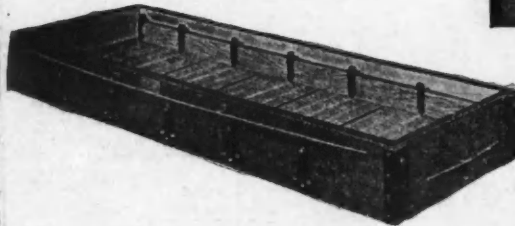
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Old Plates RECLOSED and RECUT to accurate gauge.

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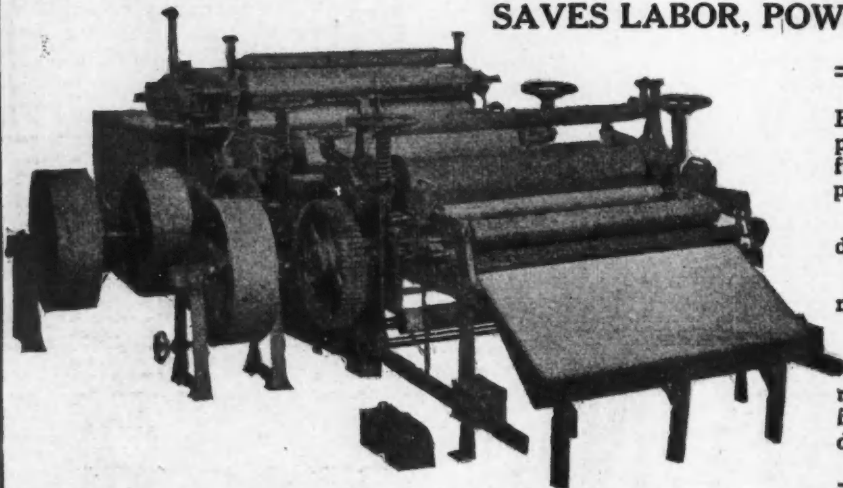
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Built both single and double press. They operate successfully on both sulphite and sulphate pulp.

Felt cost is low considering dryness obtained.

Ball bearings for cylinder mould and couch roll.

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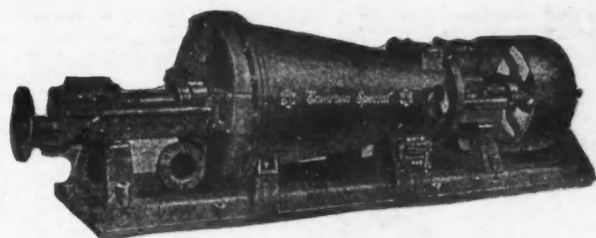


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They seldom wear out and are never thrown out. PERFECT CIRCULATION NO "PADDLING."

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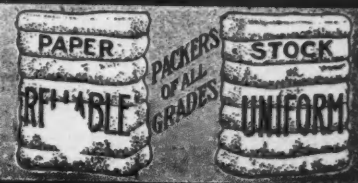
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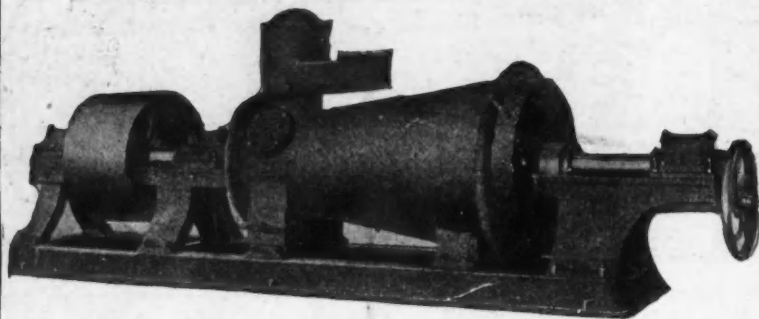


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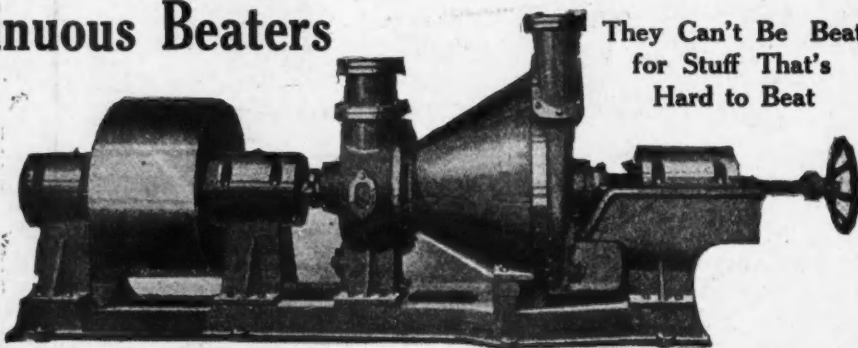
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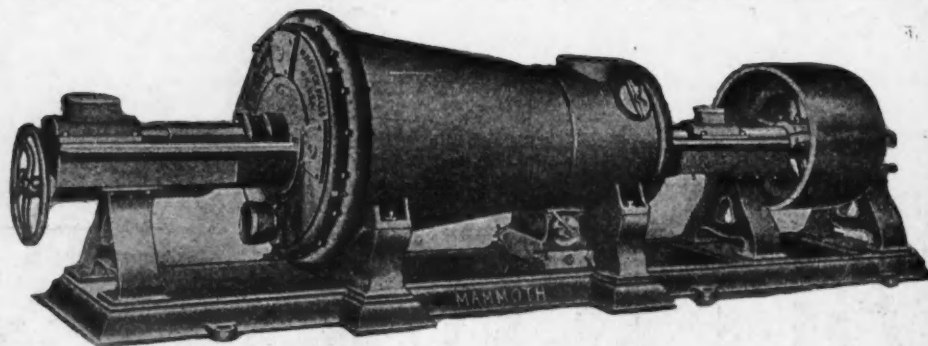
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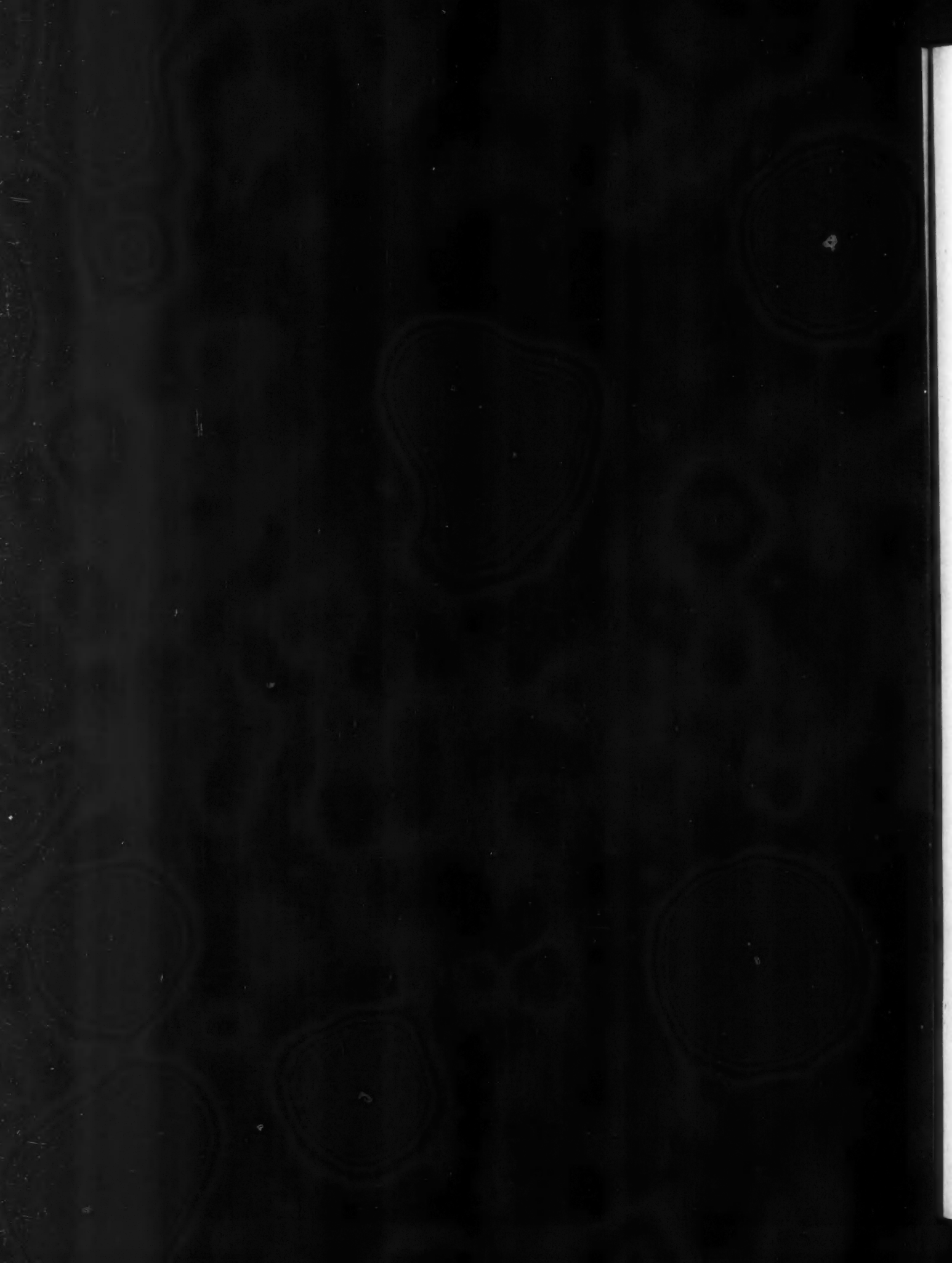
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TO 3000 LBS.**



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