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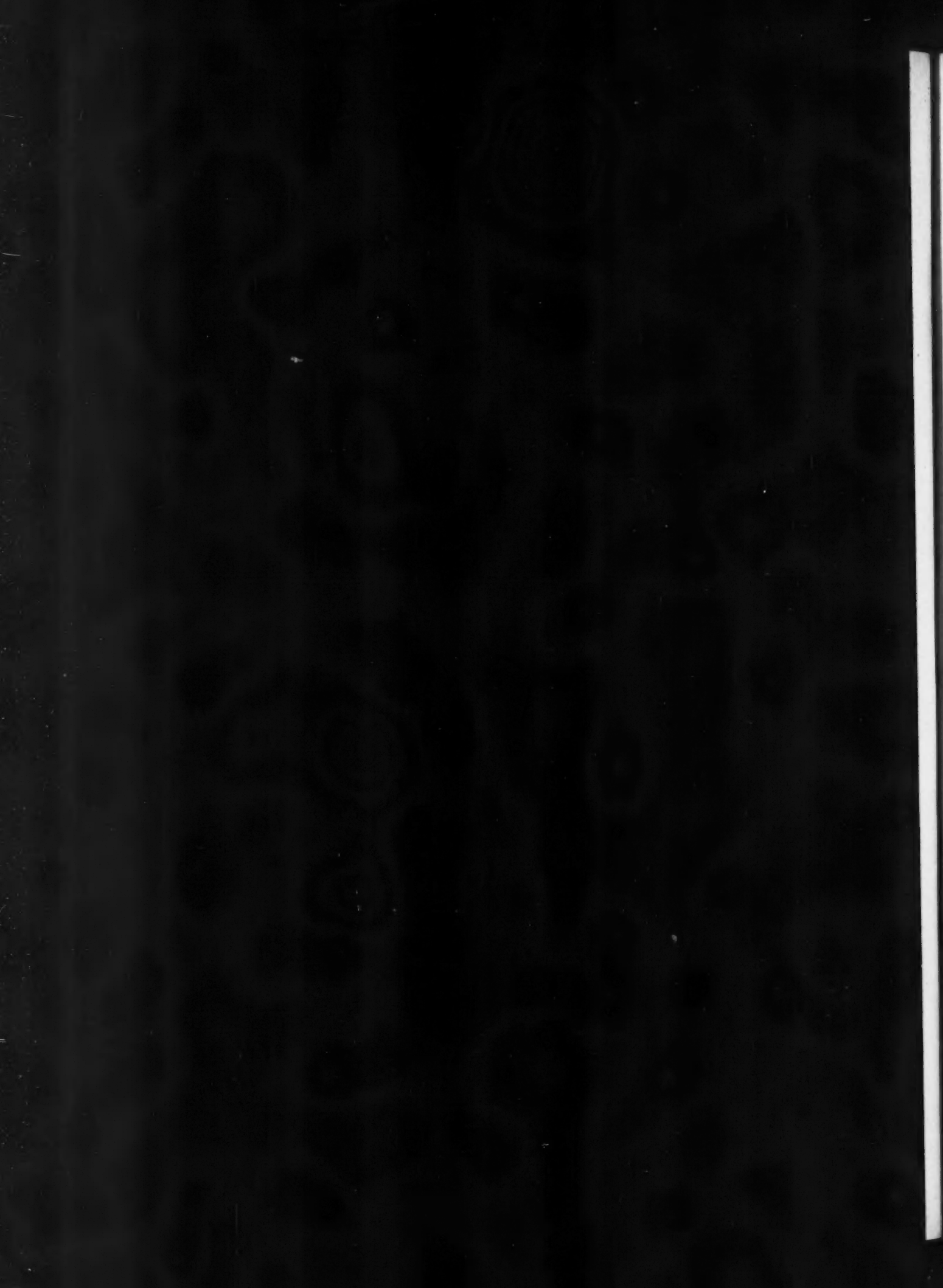
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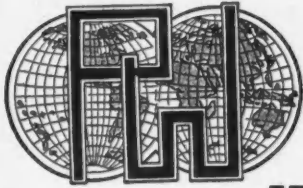




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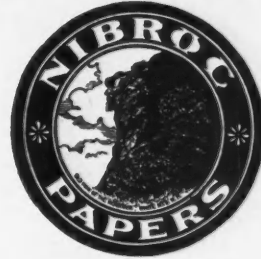
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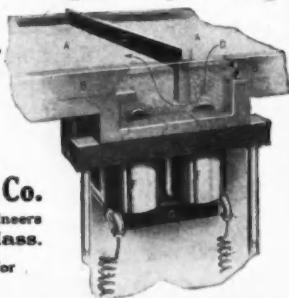
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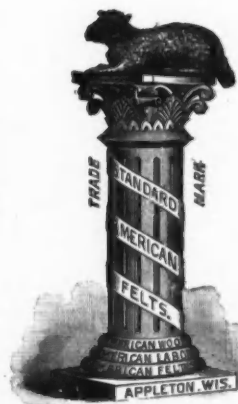
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THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

FORTY-SIXTH YEAR

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NEW YORK AND CHICAGO

Thursday, January 31, 1918.

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Joint Committee on Printing on Monday Gives Out Names of Concerns Which Will Supply the Government Printer With Paper for the Year From March 1, 1918, to February 28, 1919—No Awards Are Made on Lots 1 to 31 Inclusive Which Includes Various Kinds of News Print and This Paper Will Be Bought on the Open Market Through the Year

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., January 28, 1918.—The following awards have been made by the Joint Committee on Printing for the paper to be used by the Public Printer during the year from March 1, 1918, to February 28, 1919:

Lots 1 to 31 both inclusive, no award. Purchases will be made in the open market. This includes white news print, colored news print; machine-finish printing, No. 1, and plant-fibre machine-finish printing, No. 1.

Lot 32—Antique laid printing, no award. Purchases will be made in the open market. No bidders.

Lot 33—20,000 lbs. antique printing paper, laid, deckle edge: American Writing Paper Company, 11.75c. per lb.

Lot 34—600,000 lbs. opaque printing paper, high machine finish, 25 x 38 30-lb.: Bryant Paper Company, Kalamazoo, Mich., 9c.

Lot 35—20,000 lbs. ditto, any size, on 25 x 38 in. basis, 35-lb.: Bryant Paper Company, 9c.

Lot 36—150,000 lbs. rag machine finish printing paper, 25 x 38 in., 40 lb. basis, cut 32 x 48 in., flat: Smith Dixon Company, Baltimore, Md., 10.75c. per lb.

Lot 37—300,000 lbs. ditto, 45-lb. basis: Smith Dixon Company, 10.75c.

Lot 38—300,000 lbs. ditto: Smith Dixon Company, 10.75c.

Lot 39—250,000 lbs. ditto, any size on 25 x 38 in., 40 and 45-lb., flat: no bids. Will be purchased on open market.

Lot 40—250,000 lbs. ditto: No bids. Will be purchased on open market.

Lot 41 to 46, both inclusive—Sized and super-calendered printing, sample A: No awards. Purchases will be made in open market.

Lot 47—30,000 lbs. sized and super-calendered printing paper, sample B, any size on 25 x 38 in., 40, 45 and 50-lb. basis: Smith Dixon Company, 10.25c.

Lots 48 and 49—Half-tone printing paper: No award. Purchases will be made in open market.

Lot 50—200,000 lbs. single-coated both sides book, glazed finish, any size on 25 x 38 in., 70-lb. basis, flat: Bryant Paper Company, 7.7c.

Lot 51—15,000 lbs. double-coated one size book, glazed: No award. Purchases will be made in the open market.

Lot 52—400,000 lbs. ditto: No award. Purchases will be made in the open market.

Lot 53—30,000 lbs. double-coated one side book paper, sample B, any size on 25 x 38 in., 70-lb. basis, flat: Kind Paper Co., Kalamazoo, Mich., 10.25c. Not to exceed 1,000 reams and shipments to be in car lots.

Lot 54—80,000 lbs. ditto: King Paper Company, 10.65c. Same restrictions.

Lot 55—20,000 lbs. U. S. M. O. writing: No bids. Purchases will be made in open market.

Lot 56—1,500 lbs. write French folio: No bids. Purchases will be made in open market.

Lot 57—1,000 lbs. white writing paper, high machine finish, No. 9: No bids. Purchases will be made in open market.

Lot 58—50,000 lbs. ditto, No. 13: No award. Purchases will be made in open market.

Lot 59—800,000 lbs. white writing paper, high machine finish, Nos. 16, 20 and 24, flat: R. P. Andrews Paper Company, 6.48c.

Lot 60—600,000 lbs. ditto, No. 13, rolls: R. P. Andrews Paper Company, 6.48c.

Lot 61—600,000 lb. ditto, R. P. Andrews Paper Co., 6.48c.

Lot 62—1,000,000 lbs. ditto, No. 16, rolls: R. P. Andrews Paper Company, 6.33c.

Lot 63—1,000,000 lbs. ditto, No. 20, rolls: R. P. Andrews Paper Company, 6.23c.

Lot 64—500,000 lbs. ditto, No. 24, rolls: R. P. Andrews Paper Company, 6.23c.

Lot 65—200,000 lbs. colored writing paper, Nos. 8, 11 and 13: No bids. Purchases will be made in open market.

Lot 66—200,000 lbs. ditto, Nos. 16, 20 and 24, cut any size, flat: R. P. Andrews Paper Company, 9.5c.

Lot 67—400,000 lbs. white writing paper, tub-sized, air or loft dried, No. 13, cut 17 x 28, 23 x 36 and 28 x 34 flat: The Aetna Paper Company, Dayton, Ohio, 14.33c.

Lot 68—200,000 lbs. ditto, No. 13, cut 19 x 24 and 24 x 38, flat: The Aetna Paper Company, 14.33c.

Lot 69—700,000 lbs. ditto, No. 16, cut 17 x 28, 18 x 23, 21 x 32, 22 x 34, 24 x 38 and 28 x 34, flat: The Aetna Paper Company, 11.43c.

Lot 70—700,000 lbs. ditto: The Aetna Paper Company, 10.43c.

Lot 71—200,000 lbs. ditto, No. 16, 22 $\frac{3}{4}$ x 31 $\frac{1}{2}$: The Aetna Paper Company, 11.43c.

Lot 72—750,000 lbs. ditto, Nos. 16, 20 and 24, cut any size: The Aetna Paper Company, 10.43c.

Lot 73—1,500,000 lbs. ditto, No. 20, cut 16 x 21, 17 x 28, 18 x 23, 19 x 24, 20 x 28, 21 x 32, 23 x 36, 24 x 38: The Aetna Paper Company, 10.43c.

Lot 74—1,500,000 lbs. white writing paper, tub-sized, air or loft dried, No. 24, sizes as in lot 73: American Writing Paper Company, 11.75c.

Lot 75—1,500,000 lbs. ditto, No. 28, sizes as in lot 73: American Writing Paper Company, 11.75c.

Lot 76—500,000 lbs. ditto, No. 28, cut 16 x 21, 17 x 28, 21 x 32, 22 x 34, 27 x 28, 28 x 34, flat: American Writing Paper Company, 11.75c.

Lot 77—500,000 lbs. ditto, any size: American Writing Paper Company, 12.5c.

Lot 78—40,000 lbs. ditto, No. 36: American Writing Paper Company, 12.5c.

Lot 79—75,000 lbs. colored writing: No bids. Purchases will be made in open market.

Lot 80—80,000 lbs. colored writing, No. 13: The Aetna Paper Company, 17c.

Lot 81—350,000 lbs. ditto, No. 16: The Aetna Paper Company, 11.63c.

Lot 82—500,000 lbs. ditto, No. 20: The Aetna Paper Company, 11.63c.

Lot 83—500,000 lbs. ditto: The Aetna Paper Company, 11.63c.

Lot 84—300,000 lbs. ditto, No. 24: The Aetna Paper Company, 11.63c.

Lot 85—300,000 lbs. ditto: The Aetna Paper Company, 11.63c.

Lot 86—10,000 lbs. ditto, No. 28, cut 21 x 32 and 22 x 34: American Writing Paper Company, 13.25c.

Lot 87—3,000 lbs. ditto, No. 40, cut 21 x 32, flat strength to be not less than 58 points: American Writing Paper Company, 13.25c.

Lot 88—5,000 lbs. fine white writing: No award, purchases will be made in open market.

Lot 89—10,000 lbs. safety writing, machine finish: R. P. Andrews Paper Company, 16.6c.

Lot 90—400,000 lbs. U. S. M. O. blue safety writing: R. P. Andrews Paper Company, 16.6c.

Lot 91a—150,000 lbs. map paper, g. p. o. delivery: Geo. W. Millar & Co., 12.75c.

Lot 91b—Ditto, f. o. b. Bangor, Maine: Geo. W. Millar & Co., 12.25c.

Lot 92a—250,000 lbs. map paper, tub-sized, air or loft dried: Hawthorne Paper Company, 15.5c., g. p. o. delivery.

Lot 92b—Ditto, f. o. b. Kalamazoo, Mich.: Hawthorne Paper Co., 15.25c.

Lot 93a—250,000 lbs. ditto: Hawthorne Paper Company, 15.5c., g. p. o. delivery.

Lot 93b—Ditto, Kalamazoo, Mich.: Hawthorne Paper Company, 15.25c.

Lot 94—4,000 lbs. thin bond, glazed or unglazed, tub-sized, air or loft dried, No. 8, cut any size. Flat, maximum width 32 inches: Esleek Manufacturing Company, Turners Falls, Mass., 33c.

Lot 95—500,000 lbs. ditto, No. 9: Esleek Manufacturing Company, 24c.; limited to 150,000 lbs.

Lot 96—150,000 lbs. ditto, No. 11. No bids. Purchases will be made in open market.

Lot 97—70,000 lbs. ditto, No. 13. No bids. Purchases will be made in open market.

Lot 98—25,000 lbs. ditto, Nos. 8 and 9. No bids. Purchases will be made in open market.

Lot 99—100,000 lbs. ditto, colored, No. 11. No bids. Purchases will be made in open market.

Lot 100—5,000 lbs. ditto, No. 13. No bids. Purchases will be made in open market.

Lot 101—1,500,000 stationery bond, glazed or unglazed, tub-sized, air or loft dried, Nos. 16, 20 and 24, flat: The Aetna Paper Company, 10.63c.

Lot 102—1,500,000 lbs. ditto. The Aetna Paper Company, 10.63c.

Lot 103—100,000 lbs. ditto, No. 28. The Aetna Paper Company, 11.93c.

Lot 104—500,000 lbs. ditto, Nos. 15, 20 and 24. Rolls: Hawthorne Paper Company, 11.8c.

Lot 105—150,000 lbs. ditto, blue, Nos. 16, 20 and 24. Flat: The Aetna Paper Company, 11.63c.

Lot 106—50,000 lbs. ditto, colored. The Aetna Paper Company, 14.93c.

Lot 107—250,000 lbs. white bond, glazed and unglazed, tub-sized, air or loft dried, Nos. 16, 20 and 24, cut any size. Flat, maximum width 32 inches. Hawthorne Paper Company, 15.8c.

Lot 108—350,000 lbs. ditto. Hawthorne Paper Company, 15.8c.

Lot 109—50,000 lbs. ditto, No. 28, any size. No award. Purchases will be made in the open market.

Lot 110—15,000 lbs. ditto, Nos. 16, 20 and 24, blue. No award. Purchases will be made in open market.

Lot 111—15,000 lbs. ditto, colored. No award. Purchases will be made in open market.

Lot 112—60,000 lbs. fine bond, white, glazed and unglazed. Nos. 16, 20, 24 and 28, cut any size. Flat. Maximum 32 inches: Hawthorne Paper Company, 18c.

Lot 113—20,000 lbs. declaration bond, white, tub-sized and loft-dried, No. 20: Southworth Company, Mittineague, Mass., 20c.

Lot 114—1,000 lbs. onionskin paper. No bids. Purchases will be made in open market.

Lot 115—2,400 lbs. parchment deed, Southworth Company, 22c.

Lot 116—75,000 lbs. best parchment deed, Southworth Company, 25.5c.

Lot 117—150,000 lbs. commercial ledger, white, No. 28: Worthy Paper Company, Association, Mittineague, Mass., 15c.

Lot 118—300,000 lbs. ditto, No. 32: Hawthorne Paper Company, 15.5c.

Lot 119—30,000 lbs. ditto, No. 36. No award, purchases will be made in open market.

Lot 120—60,000 lbs. ditto, No. 40. No award. Purchases will be made in open market.

Lot 121—20,000 lbs. ditto, Nos. 24, 28, 32 and 36. No award. Purchases will be made in open market.

Lot 122—25,000 lbs. commercial ledger, colored. Nos. 28 and 32: Worthy Paper Company, Association, 17.4c.

Lot 123—75,000 lbs. ditto, No. 48. No award made. Purchases will be made in open market.

Lot 124—10,000 lbs. ditto, blue. Worthy Paper Company, Association, 17.4c.

Lot 125—40,000 lbs. ditto, blue No. 48. No award. Purchases will be made in open market.

Lot 126—100,000 lbs. white ledger, tub-sized and loft-dried, No. 24: Hawthorne Paper Company, 19c.

Lot 127—300,000 lbs. ditto, No. 28: Hawthorne Paper Company, 19c.

Lot 128—150,000 lbs. ditto, No. 32: Hawthorne Paper Company, 19c.

Lot 129—200,000 lbs. ditto, No. 32: American Writing Company, 19.95c.

Lot 130—200,000 lbs. ditto, No. 40: American Writing Paper Company, 20.45c.

Lot 131—60,000 lbs. ditto, No. 48: American Writing Paper Company, 21.95c.

Lot 132—10,000 lbs. ditto, Nos. 20, 24, 28, 32 and 36, any size: American Writing Paper Company, 20.25c.

Lot 133—100,000 lbs. white ledger, tub-sized and loft-dried, Nos. 40 and 44. American Writing Paper Company, 21.95c.

Lot 134—8,000 lbs. colored ledger, Nos. 28 and 32. No award. Purchases will be made in open market.

Lot 135—20,000 lbs. ditto, No. 38. No award. Purchases will be made in open market.

Lot 136—8,000 lbs. blue ledger: American Writing Paper Company, 21.95c.

Lot 137—5,000 lbs. ditto: No award. Purchases will be made in open market.

Lot 138—200,000 lbs. heavy ledger, white: No award. Purchases will be made in open market.

Lot 139—3,000 lbs. heavy blue ledger, single-ply: American Writing Paper Company, 25c.

Lot 140—30,000 lbs. heavy ledger, colored: American Writing Paper Company, 25c.

Lot 141—5,000 lbs. white tissue paper. No award. Purchases will be made in open market.

Lot 142—1,500 lbs. white stereo paper. No awards. Purchases will be made in open market.

Lot 143—500 lbs. cream stereo tissue. No awards. Purchases will be made in open market.

Lot 144—200,000 lbs. smooth cover, colored. Knowlton Brothers, (Inc.), Watertown, N. Y., 7.65c.

Lot 145—50,000 lbs. rough cover, colored. Knowlton Brothers, (Inc.), 7.4c.

Lot 146—150,000 lbs. rough cover paper, colored. Knowlton Brothers, (Inc.), 7.9c.

Lot 147—30,000 lbs. colored coated cover paper. Riverview Coated Paper Company, 8.2c.

Lot 148—100,000 sheets cloth-lined paper, brown, etc. Carter Rice & Co., Corporation. 20 x 25, 5.33 1/3c. per sheet; 21 x 32, 8.4c. per sheet; 24 x 36, 9.5c. per sheet.

Lot 149—100,000 lbs. Kraft wrapping paper. No award. Purchases will be made in open market.

Lot 150—100,000 lbs. wood manila. No award. Purchases will be made in open market.

Lot 151—400,000 lbs. wood manila paper, rolls. No award. Purchases will be made in open market.

Lot 152—200,000 lbs. Jute manila paper. No award. Purchases will be made in open market.

(Continued on page 42.)

CANADIAN PAPER MAKERS OBJECT TO PRICE OF \$2.85

Publishers Also, It Is Stated, Are Displeased with the Price Fixed by Controller Pringle—Some Advocate a Sliding Scale for News Print as the Most Logical Outcome of the Situation in Canada—Interesting Programme Is Arranged for the Annual Meeting of the Canadian Pulp and Paper Manufacturers' Association—North American Pulp & Paper Corp. Retires from News Print Field.

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., January 28, 1918.—The interim report issued by Controller R. A. Pringle, recommending that the cost of news print be fixed at \$2.85 per 100 pounds from February 1 until May 1, 1918, has naturally been the chief topic of discussion in the trade during the past few days. As far as can be judged from the comments on this verdict, it is not at all pleasing either to the publishers or to the news print manufacturers. It is true that, so far, the Montreal dailies have not discussed the matter, but the newspapers of Toronto and other places are vigorously denouncing what they call this new imposition on the publishers, and are asserting that the inquiry into the cost of manufacture by no means disclosed the true facts. They hold that if the real cost were arrived at, it would be shown that the manufacturers can supply paper at \$2.50 and still reap an adequate profit.

This, it need hardly be said, is flatly denied by the manufacturers, who are openly disappointed at not getting the same rate in Canada as that fixed in the United States, namely, 3 cents per pound. They are asking why they should be compelled to continue supplying their product at less than the market price to the Canadian newspapers, considering that the latter are in excellent financial position, owing to the increased rates for subscriptions and advertisements. The *Financial Times*, of Montreal, which may be taken as giving a fair view of the manufacturers' attitude toward the order, says:

"The public, for whose benefit the inquiry was opened, might be excused for asking why it should be called upon to pay, in many parts of Canada, an increase of 100 per cent. in the cost of their newspaper and an increase of 15 per cent. in their advertising, while the newspapers are receiving a gift from the manufacturers to the value at least \$18,000 per month. The Canadian newspaper proprietors have already received in the period from March to September, 1917, approximately \$500,000, represented by the difference between the enforced price in Canada (actually less than cost), and the market price in the United States. The commissioner's report as a whole is very instructive and shows that Mr. Pringle has absorbed during the investigation sufficient knowledge of the pulp and paper industry to realize the great importance of this business to Canada, and the danger to future investment and consequent expansion which might result from hurried judgment. The commissioner sounds a warning note as to the fate of paper by the publishers, and ends by stating that he is convinced that the newspapers have every desire that the manufacturers of news print should have a fair profit in their product."

Objection by Manufacturers

Objection is also taken to a paragraph in the report in which Commissioner Pringle says he has fixed the price at \$2.85 until May 1 next, so that "the principles involved in determining the investments of the manufacturers with the returns to be received by them thereupon will be gone into very thoroughly by the Federal Trades Commission." This means, it is pointed out, that while Canada has a commission of its own to inquire into the cost of paper, it is still considered advisable to follow the lead of a body of men (not Canadians considering Canadian conditions)

frankly antagonistic to all manufacturers of paper. It is further remarked that "if the objective of all manufacturers is again removed from future considerations to the exploitation of the present, all modern undertakings such as fire protection, reforestation and efficient logging methods will be thrown into the discard for the lack of incentive and capital."

On the top of this hampering of the industry by the fixing of an inadequate price in comparison with the cost of production comes a report from Ottawa stating that the values of exports of pulp and news print have leaped from \$7,800,000 to over \$43,000,000 per annum, and may reach \$60,000,000 in 1918, the report adding that "Canadian financiers and public leaders recognize one of the most promising avenues for overtaking part of the country's adverse trade balance, particularly in the United States." It is held that, owing to Government interference, the industry has already been retarded to the extent of fully \$50,000,000 per annum, and that if encouragement had been given to it instead of discouragement, so great would have been the expansion of the industry by this time that it would be bringing to Canada an annual remittance of \$100,000,000 on account of pulp and paper sold abroad, besides the actual domestic outlay on account of wages and machinery.

Up to the present it is estimated that \$80,000,000 of new capital has been invested in the Canadian pulp and paper industry, all of which has been secured by personal and individual initiative.

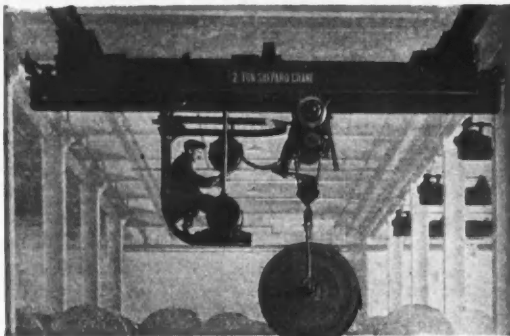
The United States offers only one of many markets open to the industry. It is hoped that the peace arrangements will include a preferential tariff scheme allowing Canadian manufacturers a privileged entry to the United Kingdom, Australia, South Africa and elsewhere, in which Scandinavian factories have hitherto captured the bulk of the trade. India is also looked upon as a promising market where Canadians might do the trade formerly carried on by Germany and Austria. As showing the potentialities of some of these markets, it is noted that in 1913 Sweden sold to the United Kingdom \$11,500,000 and Norway \$6,000,000 worth of wood pulp against Canada's \$900,000 worth, while in printing and writing paper Canada's sales to Great Britain amounted to \$60,000, as against \$6,000,000 by the Scandinavian countries. But if capital is to be driven away from the industry by undue Government restrictions, it will be impossible to develop these markets.

There are those who are advocating a sliding scale for news print as the most logical outcome of the situation in Canada. While the manufacturers are being compelled to supply the newspapers at less than cost, the newspapers themselves are said to be making enormously increased incomes. The volume of advertising has greatly increased during the past year, over \$300,000 having been spent in this way by the Government alone during the year ending April, 1917.

Australia Has a Different Policy

Meanwhile B. Millin, the Canadian Agent for New South Wales, has sent in a report to the Government at Ottawa, showing that the Australian Government is pursuing a policy exactly opposite to that of the Canadian Government, and in helping the paper manufacturers to expand the industry in every possible way. He states that the normal consumption of paper by newspapers in Australia is about 100,000 tons per annum. During the first year of the war 70,000 tons were imported; in the second year 60,000 tons, and in the third year 50,000 tons. The Government has now notified the publishers that for the present year it cannot undertake to bring in more than 25,000 tons. Meanwhile the Government is doing everything to encourage domestic paper-making. Paper pulp is manufactured only at one place in the Commonwealth, and that is at Cairns, Queensland. The industry has been established during the past few years, and is mainly experimental. The production so far has not been very large, and the raw material used is blady grass and the plant known as *sida rectusa*. The Government is now carrying out a series of experiments with a view to helping

(Continued on page 50.)



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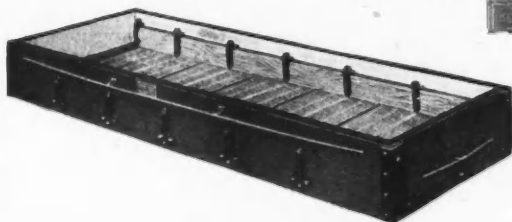
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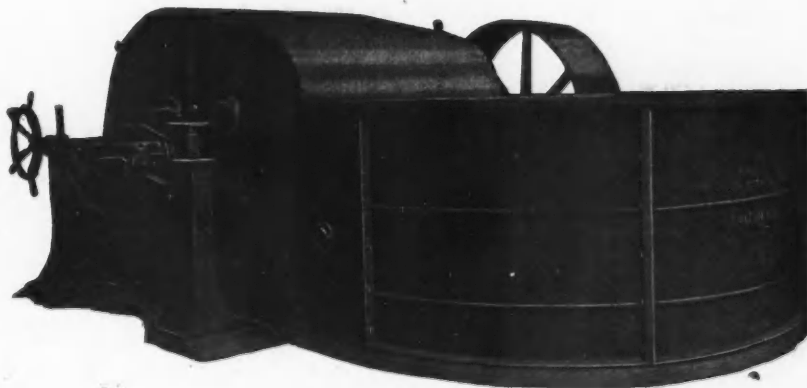
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NEWS PRINT STOCKS DECLINE DURING MONTH OF DECEMBER

This Is Accounted for by Loss of Production During Christmas Week, Inventory and Readjustments at the End of the Year—During the Month Also the Cheboygan Mill of the Union Bag & Paper Co. Discontinued the Production of News Print Paper—Strikes on the Pacific Coast Also Tend to Cut Down Machine Production—Jobbers Prices Slightly Suffer.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., January 28, 1918.—The Federal Trade Commission has issued the following statement on the news print paper market for December:

Reports received from 36 United States companies, operating 59 news print mills, for the four weeks beginning December 2 and ending December 30, 1917, show the following results:

	First Week	Second Week	Third Week	Fourth Week
Produced during week—				
Total print paper.....	26,097	26,163	26,139	17,216
Standard news	23,685	23,774	24,382	15,606
Shipped during week—				
Total print paper.....	26,564	26,210	26,234	18,399
Standard news	23,684	23,927	24,165	17,038
Stocks on hand at mill at end of week—				
Total print paper	32,947	33,424	33,387	31,978
Standard news	27,850	27,697	27,914	26,482

The decline in mill stocks during the month was due to a variety of causes, such as loss of production during Christmas week, inventory readjustments at the end of the year, etc. During the month the Cheboygan Mill of the Union Bag and Paper Company discontinued the production of news print paper.

In addition to the mill stocks of news print, there were about 5,150 tons held at terminal and delivery points, and 940 tons duplication in shipments resulting from loans from one company to another.

Loss of Production

Reports of machine operations show that the principal loss of production during the month was due to strikes on the Pacific Coast, to break-downs and repairs, lack of steam and Christmas holidays. Notwithstanding the difficulties confronted by manufacturers, the production for the year 1917 exceeded that for 1916, as shown by the following:

	Total Print Paper	Standard News
Production from Jan. 1 to Dec. 30, 1917..	1,349,729	1,269,723
Production for same period last year.....	1,314,740	1,256,346

Jobbers Stocks

Monthly reports received from 220 jobbers showed the following results:

	News Print Paper		
	Rolls Tons	Sheets Tons	Total Tons
Stocks in warehouses at beginning of month	3,048	6,518	9,566
Quantity received during month.....	3,101	1,905	5,006
Quantity shipped out during month.....	3,061	2,418	5,479
Stocks in warehouses at end of month.....	3,088	6,005	9,093

The figures indicate a small decline in jobbers stocks of sheet news during the month.

Publishers Stocks

Monthly reports from 656 newspaper publishing concerns show the following:

	Net Tons
Stocks on hand beginning of month.....	147,732
Received during the month.....	105,067
Used and sold during the month.....	107,278
Stocks on hand end of month.....	145,521
In transit	38,612

The figures indicate a decline in stocks held by publishers of about 2,211 tons during the month.

Imports and Exports

The imports and exports of printing paper valued at not above five cents* per pound (practically all news print) and of ground wood pulp for the first 11 months of 1917, as compared with the corresponding period of 1916, were as follows:

	11 Months 1917	11 Months 1916
	Net Tons	Net Tons
Imports of news print paper..... (Total)	503,708	431,750
From Canada	492,896	431,505
From Newfoundland	9,669
Exports of news print paper..... (Total)	81,856	70,457
Imports of ground wood pulp..... (Total)	257,555	233,848
From Canada	235,012	233,193
Exports of domestic wood pulp..... (Total)	32,785	38,272

*Prior to September 8, 1916, 2½ cents per pound.

Ready for News Print Hearing

Everything is in readiness at the Federal Trade Commission for the news print hearings which are scheduled to begin here next Monday, February 4. As far as is known at this time, the news print manufacturers will be ready to go ahead with their testimony at that time and no further postponement of the case is contemplated.

On Saturday, February 9, the news print jobbers are to be given an opportunity by the commission to introduce such facts as they desire, which, it is expected, will include facts as to why they believe the jobber is necessary in the distribution of news print paper to the small publishers.

It is expected that the jobbers will be able to get in all of their testimony in the one day, but it is believed that the manufacturers will be giving their testimony for perhaps ten days.

Elaborate schedules, which some time ago were sent to the news print manufacturers, and which have been published in the PAPER TRADE JOURNAL, as to costs, etc., are being returned to the commission. These, it is understood, are to be tabulated and the manufacturers will be asked to explain the figures when they come here. Further, it is more than probable that the commission's experts will compile cost figures to see how they compare with those presented by the manufacturers.

It is thought that some very interesting testimony will be introduced during the course of the hearings. The hearings are to be open.

To Take Lumber Production Census

A census of the lumber production of the country during 1917 is to be made by the Forest Service in co-operation with the National Lumber Manufacturers' Association, as in past years. Questionnaires have already been mailed to the 30,000 sawmills throughout the country asking that the amount of each kind of lumber cut be reported promptly.

(Continued on page 38.)

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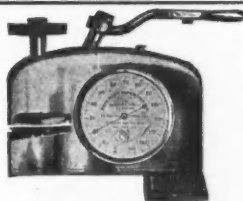
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Bank and Office Railings and Grille Work

PRODUCTION OF BOOK PAPER FOR MONTHS OF DEC. AND JAN.

Statistics Point to a Small Decline in the Stocks of Periodical Paper and Other Grades of Book Paper During the First Two Weeks of the Current Month—This Is Explained by the Fact That Production Was Curtailed During the New Year Holidays—Productions for the Month of December Showed a Decline of 1,700 Tons—Jobbers' and Consumers' Stocks.

[FROM OUR REGULAR CORRESPONDENT.]

The commission's report on the production and stocks of book paper for the month of December, 1917, showed a decline in mill stocks during the month from 32,707 to 31,014 tons, or about 1,700 tons. The stocks on hand at delivery points at the end of the month were 15,243 tons, an increase of about 350 tons. Total commitments after December 31, 1917, were 428,068 tons, as compared with 410,814 tons on December 1, 1917.

Jobbers' Stocks

Reports from 258 jobbers showed the following results:

	No. 1		Coated Book Costing 10c. or Less
	Eastern and Western Machine Finish	Eastern and Western Super-calendered	
	Tons	Tons	Tons
Warehouse stocks, first of month	12,999	7,349	8,019
Received during month	2,900	1,017	1,625
Shipped out during month	4,131	1,358	1,997
Warehouse stocks, end of month	11,768	7,008	7,647

The figures indicate a considerable decline in stocks of machine finish and a small decline in stocks of supercalendered and coated book.

Consumers' Stocks

Reports from publishers, printers and commercial users of book paper show the following results:

	Periodicals and Magazines	Printers	Book Publishers	Commercial Users	Total
Number of concerns	261	49	32	29	371
Stocks on hand, first of month	16,377	7,524	5,329	10,570	39,800
Received during month	29,142	2,552	1,437	3,379	36,510
Used and sold during month	17,235	3,495	1,444	4,354	26,528
Stock on hand, end of month	28,285	6,582	5,322	9,595	49,784
In transit	4,973	640	391	609	6,613

The figures indicate a considerable increase in the stocks on hand of periodical and magazine publishers, but a small decline in stocks held by the other three groups.

Book Paper Prices

During the month of December the following contracts for book paper were made:

Kind	Number of Contracts	Aggregate Tonnage	Prices Per 100 Lbs. Including Discount
Machine finish	68	23,826	\$4.50-\$8.30
Supercalendered	43	17,106	5.10-10.00
Coated	11	9,147	6.50- 9.00
Total	122	40,079	

NOTE.—It is important to note that the variation in prices of dif-

ferent grades is due to considerable extent to difference in quality. About a third of the machine finish was sold at \$5 or less per 100 lbs. and a quarter was sold at from \$6 to \$6.50. Nearly half of the supercalendered was sold between \$5 and \$6 per 100 lbs. and about a third between \$6 and \$7.

The price quotations reported by most mills showed no change during the month.

Reports from jobbers showed the following prices per 100 lbs. quoted for the various grades of book paper during December:

No. 1 Eastern M. F.	Ream Lots	500 Lbs.	Ton Lots
East and Middle West Jobbers	\$7.00-11.00	\$6.75-10.50	\$5.50-10.00
Pacific Coast Jobbers	10.25-12.50	9.75-11.75	8.10-11.50
No. 1 Western M. F.			
East and Middle West Jobbers	6.00- 9.00	5.75- 8.75	5.25- 8.50
Pacific Coast Jobbers	10.50-11.25	9.75-	7.50- 9.50
No. 1 Eastern Super.			
East and Middle West Jobbers	7.00-11.00	7.00-10.75	5.75-10.50
Pacific Coast Jobbers	10.75-	10.00-	9.75-
No. 1 Western Super.			
East and Middle West Jobbers	8.50- 9.50	6.25- 9.25	6.25- 9.00
Pacific Coast Jobbers	10.75-11.50	10.00-	7.75- 9.75
No. 2 Coated.			
East and Middle West Jobbers	9.00-12.00	8.50-12.00	8.50-11.00
Pacific Coast Jobbers	12.75-14.50	12.25-14.00	10.50-13.25

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

Pulp Prices

Nearly 75 per cent of the bleached sulphite received by manufacturers on contract during the month was at prices ranging from \$100 to \$120 per ton. Only a small quantity was purchased in the open market, the prices being lower than the contract prices. About a third of the unbleached sulphite received on contract was at prices of \$60 or less and another third was at prices ranging from \$60 to \$70 a ton. The tonnage purchased in the open market was small. About a third of the soda pulp received on contract during the month was at prices ranging from \$60 to \$70 a ton, a fifth was at prices ranging from \$70 to \$80 a ton and two-fifths at prices ranging from \$80 to \$90 a ton. Practically no soda pulp was bought in the open market.

Reports from 48 companies operating 74 book paper mills show the following results for the first two weeks of January:

	First Week	Second Week
Mill stocks, first of week.	Tons	Tons
Total book paper	31,382	31,168
Periodical paper	4,396	4,409
Produced during week.		
Total book paper	16,847	15,762
Periodical paper	6,019	5,175
Shipped during week.		
Total book paper	17,032	16,294
Periodical paper	6,001	5,420
Mill stocks, end of week.		
Total book paper	31,195	30,636
Periodical paper	4,415	4,164

NOTE.—Periodical paper includes that known by manufacturers to be used for printing magazines and periodicals. The total figures include the periodical book paper.

The figures indicate a small decline in stocks of periodical paper and other grades of book paper during the two weeks. Production was curtailed by the New Year holidays.

Loss of Time

The reports from 244 machines operated during the two weeks (Continued on page 38.)

Hydro Electric's HIGH QUALITY GROUND WOOD!

Can Ship Immediately!

MAY WE QUOTE YOU?

Value of Swedish Kronor during week ending January 29th. Normal rate of exchange: 1 Krono = 26.80 cents.			
Jan. 23rd—33.95	cents—increased value	26.67%	
" 24th—34.00	" " "	26.87%	
" 25th—33.95	" " "	26.67%	
" 26th—34.00	" " "	26.87%	
" 28th—33.75	" " "	25.93%	
" 29th—33.75	" " "	25.93%	

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NEWS PRINT SERVICE BUREAU IS ORGANIZED IN NEW YORK

J. A. B. Cowles, of the Pejepscot Paper Co., Is Elected President of the Bureau Which Will Have Its Headquarters at 18 E. 41st St.—Articles of Incorporation Passed Upon and Adopted by Members at Waldorf Meeting—Henry A. Wise Is Retained as Counsel—Bureau Is Not to Restrain the Freedom of Action of Members in Trade or Commerce—Services to Be Rendered.

The News Print Service Bureau held its organization meeting Wednesday of last week at the Waldorf-Astoria, adopted final articles of organization and elected officers and an executive committee.

The meeting was of short duration. After the articles were read over it was voted to adopt them. It was also voted to



JUSTUS A. B. COWLES,

Elected President of News Print Service Bureau.

retain Henry A. Wise as counsel. The next meeting of the Bureau will be held in May. The new organization will have its headquarters at 18 East Forty-first street.

Officers of the Organization

The officers of the bureau elected at the meeting were: J. A. B. Cowles, president, who is head of the Pejepscot Paper Company and W. H. Parsons Company; vice-president, Maurice Hoopes, of Finch, Pruyer & Co., Inc. The following executive committee was named: John A. Davis, chairman, St. Croix Paper Company; Sir William Price, of Price Brothers, Ltd., and George W. Mead, of the Consolidated Water Power & Paper Company. No successor to Robert Houk, Jr., acting secretary, was chosen.

The features of the articles of organization, which are quite lengthy, are given below. The fact is emphasized that "It is distinctly understood that no action shall at any time be taken by the organization to limit or restrain the freedom of action or trade, commerce, of any member . . . and that each member of this organization shall at all times be free to conduct his or its business in any way that he or it may see fit." It is estimated that the membership of the new bureau constitutes about 65 per cent. of the producing tonnage of the news print industry.

The provisions of striking interest to the trade in the articles of organization are as follows:

1. To gather and tabulate and disseminate to its members information concerning:

(a) The supply of and the demand for news print paper in the countries of the world and particularly in the United States of America and the Dominion of Canada;

(b) Timberlands, pulp wood, ground pulp and sulphite;

(c) The supply of and the demand for all materials and commodities which enter into the manufacture of news print paper;

(d) The quantity of news print paper imported into and exported from the United States and the Dominion of Canada, and the countries from which imported and the countries to which exported;

(e) The supply of machinery and materials necessary to the manufacture of news print paper.

2. To gather and distribute to its members information regarding the progress and development of the art of manufacture of ground wood, sulphite and news print paper and new and improved appliances used therefor; and to obtain foreign trade papers and distribute to its members translations of articles of interest relating to the industry.

3. To study, formulate and advocate a correct and scientific system of bookkeeping and cost accounting to be adopted by its members and all other manufacturers of news print paper.

4. To keep advised as to all matters which may affect the welfare of the industry, and to inform the members thereof.

5. To collect and disseminate to its members information concerning transportation charges and proposed changes therein.

6. To collect and disseminate to members information with respect to laws, rules and regulations of the United States and of foreign countries pertaining to the export, import, manufacture and sale of news print paper and the various materials and commodities entering into the manufacture of news print paper and of machinery used for its manufacture.

7. To promote the use of the product manufactured by its members.

8. To encourage and promote discussion and study of economic principles and questions affecting the industry; but the purposes and objects of this organization and the procedure which may be adopted in the accomplishment thereof shall in no way be in conflict with any law of the United States of America, the Dominion of Canada, the several states of the United States, or the several provinces of the Dominion of Canada.

Membership

The membership of this organization shall consist of those manufacturers of news print whose signatures are attached to these articles and all other manufacturers of news print paper, who may hereafter be elected to membership and shall qualify as herein provided.

The words manufacturer of news print paper shall be deemed to mean any person, co-partnership, corporation or association engaged in the United States of America or the Dominion of Canada in the manufacture of news print paper. If the manufacturer who is a member of this organization is a corporation or association, it shall be entitled to appear and be represented at any and all meetings of the organization by one of its executive officers; if the member is a co-partnership it shall be entitled to appear and be represented at any and all meetings by one of the partners; and in the case when the member is an individual he shall be entitled to appear at all such meetings in his proper person. In no case can any member be represented at any meeting by more than one person or have more than one vote on any question.

Any person, firm, corporation or association engaged in the

(Continued on page 32.)

Cut Overhead



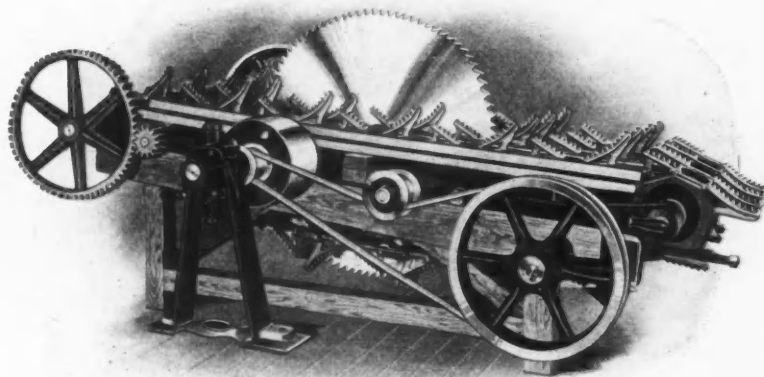
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RYTHER SLASHER

The Ryther Slasher will lower the cost of log handling by greatly increasing the daily output, without requiring any more men than by the old method. This should instantly interest every manufacturer in this time of man-shortage.

Economy is the keynote of Ryther Slashers. They save time, save hand labor, hence, they save money. Installations in some of the largest paper mills in the country attest to the unfailingly perfect service RYTHER SLASHERS are continually giving.

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WATERTOWN NEWS PRINT MILLS CONFUSED ABOUT FUEL ORDER

Four Mills of the International Paper Co. Operate on Full Time Monday, but All Other Mills Are Closed Down—Manufacturers Uncertain About Instructions, but Are Unwilling to Take Any Chances—Newton Falls Paper Co. Makes Provisions to Have Its Men Cut Wood on Its Timber Tract Near the Mill on the Heatless Holidays—St. Regis Paper Co. Elects Officers.

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., January 28, 1918.—The four news print mills of the International Paper Company located in this section are all operating on full time today. The other news print mills in this section are again shut down for the Monday holiday. There is general confusion over the report that the Fuel Administration has reversed itself again on the news print mills.

A telegram from the Federal Trade Commission Saturday told of the change in the closing order, so that these mills would not be exempt. Lest there might be some error, Mark A. Hanna, vice president of the Remington Paper & Power Company, on receiving the message, wired for confirmation, and the second telegram received was clear that the reversed action had been taken on the grounds that there is already a surplus of news print manufactured.

The officials of the St. Regis Paper Company were also informed of the ruling. Today the three mills of the Remington Paper & Power Company and the three of the St. Regis Paper Company are all idle.

President M. S. Wilder and Vice President M. A. Hanna both said that, while there might be something irregular in the form of their instructions, they believed the news print manufacturers might better unnecessarily sacrifice a day of production than to operate against the desires of the administration, and would take no chances.

Explains Why International Mills Run

Superintendent Stanchfield, of the local division of the International Paper Company, explained why his mills are running today. He said that he had received no notice of any sort directing that the mills should close down, and that he had taken every effort to protect himself in this respect. He said he received no motive of any sort that the news print mills should not operate. In fact, all his advice was on the contrary. The Federal Trade Commission did not wire him of any reversal of ruling, and Saturday he received a telegram from his New York office, ordering that the mills operate today under the original reversal of the Garfield ruling.

Before he would start his mills after the five days' shutdown order had been revoked, Mr. Stanchfield went to Edward N. Smith, county fuel administrator, and received a written order permitting the exemption from the original order. Since that time there has been no notice of a change, and the mills are running.

Edward N. Smith, county fuel administrator, did not receive any notice from the Washington office relative to any change in the ruling on news print exemption, and Saturday let it be known that unless he did there would be no cause for such mills to shut down. It is believed here by many that while the Federal Trade Commission sent out to some manufacturers such advices, that in fact the Garfield office has not actually again reversed itself for the third time.

The local bag manufacturing plants are operating today under exemption orders. The paper board and container manufacturers are seeking exemption from the ruling on the ground that their product is utilized to manufacture food containers. They have not

been given exemption as yet, for there arises the question as to whether the product is not already supplied in surplus.

Work for Men on Heatless Days

Frank L. Moore, president of the Newton Falls Paper Company, has closed down his mills, but he has devised a new plan to give his men work on the heatless holidays.

He has informed them that he will pay by the cord for all the stove wood they can cut on the company timber tract adjoining the mill.

Some of the men have availed themselves of the opportunity, while others find the 25 degrees below zero of this morning too severe for their clothing equipment.

Mr. Moore expresses the belief that his system will not only help the men out of a loss of time, but will have a tendency to relieve the coal consumption by the substitution of wood.

St. Regis Paper Co. Elects Officers

The St. Regis Paper Company has created a new office known as second vice president, and at the annual meeting last week elected D. M. Anderson to the position. The other officers were all re-elected. Floyd L. Carlisle is president; Alvah Miller, of New York, first vice president; Frank A. Empsall, secretary and treasurer, and Celestine C. Burns, general manager.

Mr. Vernon on the Freight Situation

Paul E. Vernon, of Paul E. Vernon & Co., was appointed by the president of the Paper Trade Association to head a committee to investigate the present freight situation. This committee has not yet been able to make a report but Mr. Vernon, in an interview with a PAPER TRADE JOURNAL reporter gave as the substance of the committee's findings the following:

"The basis of the present freight congestion," said Mr. Vernon, "is due to New York having insufficient terminals. The city is trying to handle much greater business with the same terminal facilities that it had a quarter of a century ago. While the transit needs of the city have been taken care of by the expenditure of \$350,000,000 for new subways there has been expended only a limited amount for docks and this largely for renewal, except for ferries, and whereas we build office structures many stories in height to accommodate the congested demand yet the docks are still only a single story in height. Various committees have met, and investigated this proposition, made reports offering remedies, but it is the citizens' own fault that nothing material has been done.

"During the past thirty years the population of the city has easily doubled but its facilities for bringing in its needs are about the same.

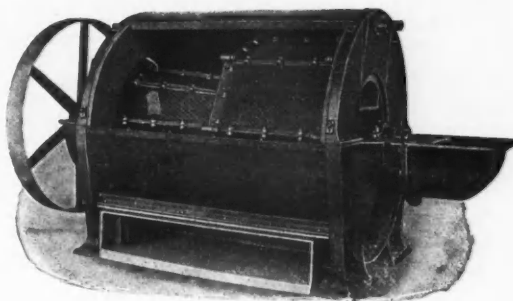
"Our committee advocates building docks with two stories instead of one and plans have been drawn to this effect. The lower level could be used to receive freight and the dock will thus be continually receiving freight instead of becoming a storehouse as at present. The practice of receiving full cars and issuing orders to consignees against them has entailed a service on the railroad which has become too much for them to bear—one car, for instance, of fancy goods had eighty orders issued against it—and therefore 80 different consignees had to come with trucks and get their portions of that car, the railroad had to take 80 receipts and, in other words, the terminal would have, for one car of merchandise, to receive 80 different vehicles, which of course multiplied many times makes for the present-congestion. Is it any wonder that a ruling of one car—one truckman—be promulgated?

"It will be our endeavor in this fight for a better system to carry on a campaign in the paper trade to have it petition the new government of the city to make plans and take such action as is possible to get an enlightened system of freight terminals for the city."

“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.



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 HABANA, CUBA
 SANTO DOMINGO, R. D.
 MAYAGUEZ, PTO. RICO
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in Embossing and Hanging Stocks for Wall Paper Mfrs.

MILL SUPPLIES

Foreign and Domestic
 New Cuttings
 Old Rags
 Wood Pulp
 Jute Waste
 Flax Waste
 Old Rope
 Bagging
 Cotton Waste
 Paper Stock
 Animal Sizing
 Gunny
 Bagging

MIAMI VALLEY MILLS STILL TROUBLED BY COAL SHORTAGE

After Suspension Period It Was Realized That There Was Less Coal in Dayton Than at Any Period During the Winter—Was Feared at First That All Local Industries Would Be Closed Indefinitely, but This Situation Does Not Now Exist—John Aull, of Aull Brothers' Paper Co., Has Been Selected by Ohio Good Roads Federation as Member of the Advisory Committee.

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, O., January 28, 1918.—The coal situation is only slightly improved this week and every effort is being made to obtain additional supplies of fuel for Miami Valley factories. For a time it was feared that the resumption of mills in this city would be short-lived, inasmuch as, soon after the expiration of the suspension period, it was found that there was less domestic or steam coal in Dayton than at any period during the winter.

Fuel Administrator Robinson then decided that extreme measures must necessarily be resorted to, and instructions were sought from Administrator Garfield. It was feared that all local industries would be closed indefinitely, but this situation does not now exist.

Twenty-five manufacturers of "Dominant Dayton" held a meeting and decided to pool their interests. A sufficient sum of money was guaranteed to obtain coal direct from the mines in as large quantities as could be arranged for, payment to be made through a Dayton bank as soon as consignments were made. The manufacturers included in this arrangement all domestic consumers, and they will share the supplies. In this manner, it was figured that both the industries and the homes would be benefited; the working forces would still continue at work, and there would be no loss either on the part of employer or employee. The arrangement is an admirable one. Just how long it can be kept in effect is not known.

Word from mill centers up and down the valley shows that varying effects were experienced from the enforced five days' shut-down. Down at Hamilton the Sterling Paper Company, which is owned by J. Howard Friend of this city, suffered a loss of \$8,000 from frozen pipes and two damaged condensing pumps. Both steam and water pipes burst, when the thaw began. The company expected a carload of coal Saturday night, but it did not arrive until Sunday morning. The below-zero weather in the meantime did the work. Last Sunday and Monday the thermometer registered 19 below zero in every mill center in the Miami Valley.

A. T. Nesbit Elected Hospital Trustee

A. T. Nesbit, local manager of the Cincinnati Cordage & Paper Company, which maintains a large branch on East Third street, has been elected a member of the Board of Trustees of the Miami Valley Hospital. The term is for three years. The hospital is one of the most modern in the country.

Kinnard Mfg. Co. to Elect President

A successor to George B. Smith as president of the Kinnard Manufacturing Company, will be selected at an early date, according to an announcement this week. At a meeting of the stockholders of the company, held here on January 15, Ezra F. Kimmel was chosen as a director to succeed the late Eugene J. Barney, millionaire manufacturer.

Mr. Smith resigned as president some time ago to become identified with the Deeds-Kettering interests. W. H. Stewart, of Cincinnati, has been acting as president of the Kinnard company. The present board of directors consists of W. H. Stewart, E. C. Benedict and Frank Simpson, Cincinnati; George B. Smith, J. Kirby, Jr., Charles U. Raymond, A. W. Lowrey and J. B. McClary and

E. F. Kimmel, of this city. Reports for the year showed that better results had been achieved than at any time since the flood in 1913, when the company sustained an unusually heavy loss. The prospects for the coming year are as good as could be expected, though there is more or less uncertainty connected with the paper box, bucket and novelty business.

Gets Big Orders for Writings

Col. H. Maxwell Howard, president of the Aetna Paper Company of this city, and the Howard Paper Company of Urbana, Ohio, today received a telegram from Washington notifying him that he had been awarded what is considered the largest order ever given for high-grade writing paper by the Government.

The message informed Colonel Howard that his bid was the lowest of any submitted by various concerns. The contract involves the production of 10,000,000 pounds of the finest quality writing and is designed for use in connection with the operation of the various Federal departments at Washington.

It is stated that the necessities created by the war have resulted in a materially enlarged demand for writing paper, and the quantity consumed is four times as great as during normal times.

The Dayton and Urbana plants will begin on the order on March 1. The order will be filled during the ensuing year.

John Aull on Ohio Good Roads Federation

John Aull, of Aull Brothers Paper Company, has been selected by Ohio Good Roads Federation as a member of the advisory council, and also as the county representative. This week in Columbus the annual convention of Good Roads Federation, the County Commissioners' Association and the Ohio Engineering Association is being held and Mr. Aull is in attendance as the representative from this district. Paper men may thank Mr. Aull for much of the good work that has been done in affording splendid turnpikes in this county. With the ever-increasing popularity of the truck for transportation purposes, and with all of the Miami Valley towns within easy reach by automobile, this fact is worthy of mention.

"Make-'Em-Think" Scheme

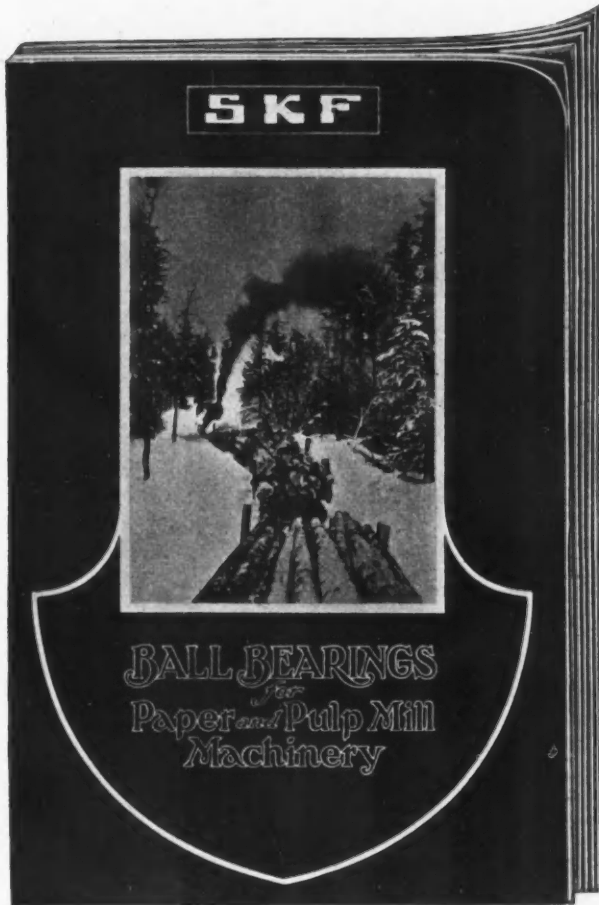
Howard F. Marston, general manager of the Mercantile Corporation which has the Government contract for envelopes and newspaper wrappings, has evolved a "Make-'Em-Think" scheme. Notices are posted at regular intervals which are designed to get the employees thinking on subjects of interest to them and the concern. As the man in charge of the thrift stamp and certificate sale in this city, he is coming in contact with manufacturers and he has imparted his ideas to several who have adopted them. This week the notice deals with conservation. "Waste nothing" is the laconic advice. "Conserve everything. Remember what that means. Stop and think what it would mean if every person in the United States would save a pound of coal per day. Conserve electric light, as it takes coal to produce it. Use substitute fuels when possible. Do everything you can to save heat, light and power."

Mr. Marston calls attention to the fact that the saving of a single pound of coal by each person in the United States means 50,000 tons per day.

General Trade Notes

The Hooven & Allison cordage mills at Xenia have been granted exemption by the Fuel Administrator in the matter of closing. The New mill and the Ohio plant, which remained closed on Friday, were opened on Saturday. The R. A. Kely Company made application to reopen, and the same was granted.

Elijah Thompson and John Jones, guards, were charged with being armed without authority when they appeared against three men whom they arrested for stealing coal from a car consigned to the Champion Coated Paper Company. The explicit charge against the men was carrying concealed weapons. Each pleaded guilty and was held to the grand jury under \$300 bond. The court dismissed the trio who were gathering coal to keep their families from freezing.



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It is for the progressive men of the paper and pulp industry. Many of them already know SKF Ball Bearings; all should become acquainted.

In this catalog we tell what SKF Ball Bearings are, what they have done for others and what they will do for you. Drawings show how they are applied and photographs show SKF equipped machines in operation. Letters from builders and users tell of the excellent savings SKF have made.

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KALAMAZOO PAPER MAN HAS HARD JOB AS FUEL DIRECTOR

B. C. Dickinson, President of the Standard Paper Co., Meets with Trying Experience as Chairman of the Kalamazoo County Fuel Commission, but Proves the Right Man for the Job—Confiscates Coal and Says That if This Was a Bad Move He Gave Himself a Double Dose, as of the Four Cars Taken Two Were Consigned to His Own Mill—B. A. Wright Joins Aviators.

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., January 28, 1918.—B. C. Dickinson, president of the Standard Paper Company, is prepared to announce on good authority and from knowledge learned at first hand that the life of a paper mill magnate is an Elysian dream of joy if one sticks to that job exclusively. Mr. Dickinson is at present chairman of the Kalamazoo County Fuel Commission, and experience shows that it is an honor devoid of ease or comfort.

In an effort to fulfil the duties of his office without fear or favor he has had little trouble. His administration has been endorsed by all classes as above criticism. But he had no idea when he accepted that he was headed into conditions of weather that are almost beyond precedent through the great central west, and in addition, a forced five days' shutdown on the part of his head superior officer at Washington.

From the simple task of getting coal enough to run his own mill he has been implored to and expected to get enough to run the whole county. What with blizzards tying up traffic for days, frozen streams that have lessened the water power efficiency of the Consumers' Power Company and forcing that concern to depend almost exclusively on coal for steam, he has had his troubles. One full-sized riot in the little village of Augusta, the seizure of coal there from the Michigan Central Railroad, taxed all his ability as a diplomat to settle amicably and to the satisfaction of all. It is a 24-hour job for a full-sized man, for he is the butting post for every inconvenienced individual and business institution.

It is easier to get through a long distance call to San Francisco than to get his office by telephone. Despite the troubles he has so far succeeded in getting enough coal for all domestic consumers and the "fuel line," common everywhere in Michigan, is as yet unknown in Kalamazoo. Mr. Dickinson hasn't hesitated to confiscate coal when necessary and only on Monday last he took four cars consigned to local paper mills, two being for his own company.

"That will keep somebody from freezing," he said. "If it is a bad move, I gave myself a double dose of it."

Michigan Mills Strictly Obey Fuel Order

In the meantime Michigan was shut down tight for the five-day period as prescribed by Commissioner Garfield. No state in the Union gave the Administration more sincere support in this matter. Every line of business has adhered strictly to the letter of the law. There have been no deviations.

The big paper mills in the Kalamazoo River valley haven't turned a wheel. Forty-five big machines have been idle and not a pound of paper has been produced. Considering the southwest Michigan district in paper mills and paper products concerns alone, between 8,000 and 9,000 employees were affected. Yet there has been no noticeable dissatisfaction as a result. In this connection it is gratifying to state that the paper mills in the Kalamazoo valley district did not allow the loss of wages to work against their employees' interests. In practically every case the help was taken care of in a way that will mean little if any loss. All mar-

ried men were employed steadily, while others were given ample opportunity to help at odd jobs about the big plants.

Paper Makers Solicitous About Help

The day the Garfield order was promulgated, Jacob Kindleberger, president of the Kalamazoo Vegetable Parchment Company, said: "We must find some way to take care of our employees. They can ill afford to stand the burden of a shutdown with the extreme cold weather and the high prices for all necessities."

Every other paper mill magnate was apparently of the same opinion, for without any concerted action, it was generally made known that action to care for the men would be taken, and that such a move was the only reasonable and just one to follow.

B. A. Wright to Join Aviation Corps

Bailey Ayres Wright, son of Mr. and Mrs. C. H. Wright, of this city, and member of the paper jobbing firm of C. H. Wright & Son, will join the United States aviation corps. He has passed the required examinations and been accepted. This is Mr. Wright's fifth attempt to get into the army service. It was finally through the medium of an operation that he succeeded.

New York Newspapers Raise Price

Beginning on Saturday morning every newspaper in New York and Brooklyn, both morning and evening, which formerly sold at one cent in the metropolitan territory, raised its price to two cents. A number of New York publishers resisted the change to the last, but, according to one, "the change finally became inevitable."

In telling of the raise in price, one of the New York newspapers said:

"The great advance in the price of news print paper, due to the war, has for many months entailed unprecedented costs to all newspaper publishers. The situation has recently been made more acute by a scarcity of coal that has compelled several large news print manufacturers to close their mills.

"The increased cost of all materials used in the production of newspapers has gradually forced the publishers in nearly all the large cities to advance prices to two cents. Philadelphia adopted a uniform price of two cents on January 29 of last year. Pittsburgh had already done so. All the Chicago papers did so in May last. The St. Louis morning papers followed almost immediately. Buffalo had preceded the Western cities by several months.

"The publishers, therefore, urge all readers, as far as possible, to place a regular order with the most convenient newsdealer or carrier in order that every dealer may limit his orders to the actual requirement. Such conservation is now necessary, and if it is practiced by the public generally there need be no shortage of papers anywhere, and no irregularity, delays or unnecessary losses."

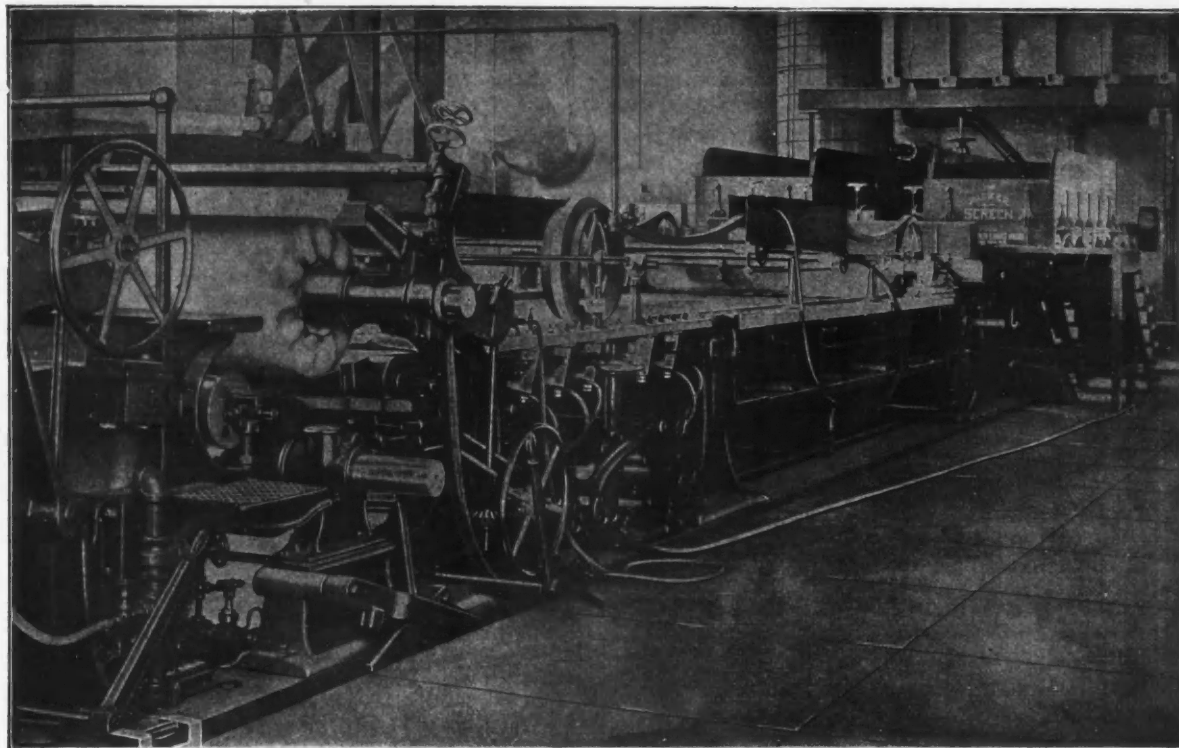
Women May Have to Wear Overalls

The State Industrial Commission met in 230 Fifth avenue, New York, last week, and decided that if women are to continue in displacing men for factory labor they must:

Wear hair coverings.

Adopt a modified form of overall.

It was not brought out exactly what the feminine workers are wearing, but whatever the style, if it increases the industrial hazard, it must be changed. Complaints were heard before the board of carelessness in dress that has increased accidents. It was urged by John Lundrigan, industrial superintendent for the International Paper Company, and by Earl Norton, of the Norton Company, that the labor law be amended so that no compensation will be awarded if employees do not take proper safeguard against accidents. The law does not now specifically designate how procedure to fix responsibility for accidents shall be started.



FOURDRINIER PART known as the "IDEAL," chiefly characterized by its construction in trust form, without legs or supports of any kind except at the ends.

Supported at one end by a link resting on bearings, and at the other end on a large ball and socket bearing.

It was an Ideal Fourdrinier machine (a 90 inch machine) which made the following record for the past year.

Kind of Paper Made	Hanging
Average run in tons per month	708
Cost of wire per ton	.259

Send for illustrated descriptive Bulletin on the Ideal Fourdrinier.

The Sandy Hill Iron & Brass Works
Hudson Falls, N. Y.

LABOR TROUBLE MAY FACE THE HOLYOKE PAPER MAKERS

State Board of Conciliation and Arbitration Has Been Called in by the Mayor in the Matter of Increased Wages for Firemen and Steam Engineers—Manufacturers Will Probably Have to Give Up Plan to Operate Their Plants Saturday Afternoons to Make Up for Time Lost Because of the Fuelless Mondays—Donald B. Logan Is Promoted to a First Lieutenantcy.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., January 28, 1918.—Again the Holyoke paper manufacturers are hearing the grumbles of a strike. The State Board of Conciliation and Arbitration has been called in by the mayor of the city to arbitrate the matter of increased wages for all firemen, steam engineers and operating engineers in the city. A considerable number of these are employees in Holyoke's numerous paper mills.

At a special meeting of the Stationery Firemen's Union, held Saturday night, the difficulties were left to arbitration temporarily. The engineers ask for an increase to 60 cents an hour, and the firemen want 62½ cents an hour.

The chief trouble rests with the firemen. They have given the paper mill owners of Holyoke, South Hadley Falls, Mittineague and Russell until 2 o'clock Friday afternoon, February 1, to comply with their demands or a strike will be declared.

It is reported at this writing that one Independent mill has accepted the requests—the American Writing Paper Company, Crocker-McElwain Company, Chemical Paper Manufacturing Company and other mills are represented by R. Franklin McElwain, vice president of the Chemical Paper Manufacturing Company, in the negotiations with the union, which have now been pending since last June. In the event that the firemen go out on strike, the engineers claim they will not go near the boilers while the strike is in progress.

May Abandon Plans to Work Overtime

Manufacturers who had entertained the hopes of operating their plants overtime and on Saturday afternoons, to make up for the time lost during the enforced Monday holidays, will undoubtedly abandon these plans now, as a result of a special communication received by the Holyoke Fuel Board from James J. Starrow, State Fuel Administrator at Boston, last Friday. At the suggestion of some of the manufacturers P. J. Dowd, manager of the Holyoke Traffic Bureau and member of the Fuel Board, went to Boston to confer with Mr. Starrow relative to operating the paper mills and other manufactories on Saturday afternoons. Mr. Starrow took the matter up with Federal Fuel Administrator Garfield at Washington, and was informed that any attempt of the mills to work overtime to make up for the lost time would be an evasion of the order and a violation of the spirit of the regulation.

Donald B. Logan Now First Lieutenant

Donald B. Logan, an official of the Taylor-Logan Company, paper makers, and son of James Logan, general manager of the United States Envelope Company, who was second lieutenant of Company D of this city, has now been promoted to first lieutenant in France, where "Holyoke's Own" is located, according to announcement made at Washington last week.

Winthrop Murray Crane, member of the large paper mill interests at Dalton and former United States Senator, has been appointed by Governor Samuel McCall on a committee of citizens to act in conjunction with the National Military Entertainment Council, recently appointed by Secretary of War Baker as a branch of the War Department's commission on training camp activities.

Another appointment to this committee is that of William Whiting, of this city.

Trade and Personal Notes

Articles of incorporation of the Claremont Paper Company, of which John N. Harvey, Harold E. Whitney and Miss Helen C. Fenton, all of Brattleboro, Vt., are the incorporators, have been filed in the office of the Secretary of State at Bellows Falls, Vt. The company is a Vermont corporation and has a capital stock of \$1,500,000.

It is organized for the general purpose of manufacturing pulp and paper, and has its principal offices at Bellows Falls.

An interesting meeting of the Holyoke Rotary Club, which is comprised of many of Holyoke's most prominent paper manufacturers, was held at the Hotel Nonotuck last week. "The Development of the Dyestuff Industry in America," in which every paper manufacturer is peculiarly interested, was the principal subject of discussion. The speaker was Turner Rollinson, of the D. MacIntosh & Sons Company. Mr. Rollinson, after citing the difficulties encountered by the American manufacturers in obtaining dyestuffs after the German blockade, and the reason for its almost unknown manufacture in this country, said that great credit was due the members of the new American dye industry who have so nobly and patriotically come to the assistance of manufacturers who use colors.

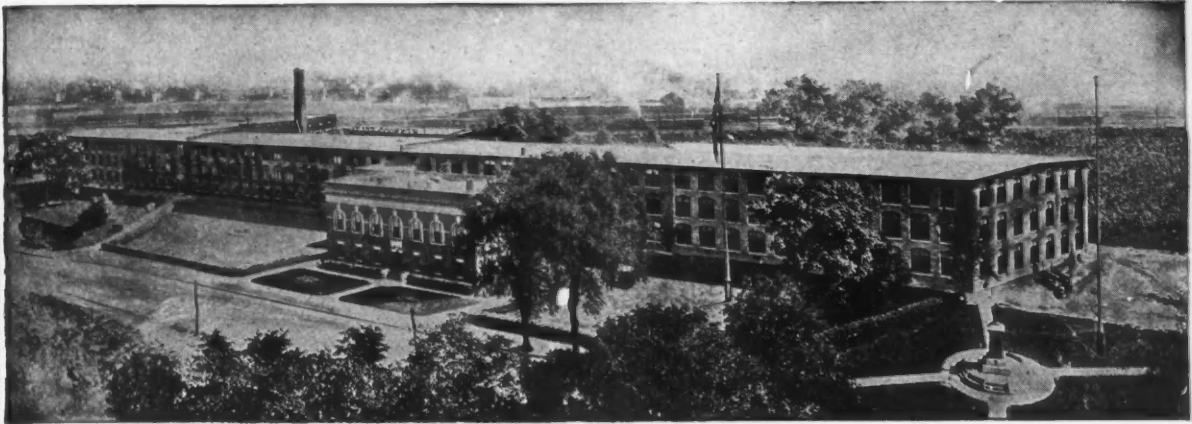
Although the American Writing Paper Company, like all other plants, is observing heatless Mondays, the main offices of the company are nevertheless open for business. A notice has been posted in view of all office employees that while the building will be without heat, and the manufacturing departments closed down, the office force is expected to be on duty. The notice that the offices will be open for business reads as follows: "The offices, however, on the days above mentioned will be open for employees at 9 A. M., and we kindly request that each and every employee bring plenty of warm clothing and be prepared to work as long as the conditions are at all favorable. F. R. Gee, Comptroller."

The Holyoke Belting Company, manufacturer of leather belting such as is used in paper mills and other manufacturing establishments, held its annual meeting and election of officers last Saturday. The year 1917 was the biggest in the history of the company, and enabled the company to pay 8 per cent. dividends on common stock since 1892. The capitalization of the company has been increased to \$70,000.

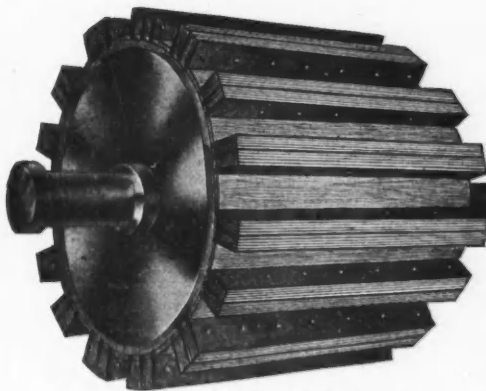
Bill Filed Against Utility By-Products Co.

The Crown Chemical & Color Corporation, of New York, which recently, through its attorneys, Stampler & Stampler, Elizabeth, N. J., brought suit in the New Jersey Supreme Court against the Utility By-Products Company, William N. Kohlins, Irving S. Froehlich and Gladys A. Savage, all of Newark, N. J., for \$50,000 damages, alleging that certain secret processes and formulas, the property of the Crown Chemical & Color Corporation, have been employed and utilized by the defendants. In this bill it is alleged "that the said William N. Kohlins, formerly employed by the said company, has disclosed to the Utility By-Products Chemical Company, Irving S. Froehlich and Gladys A. Savage, secret processes and formulas of the complainant for the manufacture and production of Satin White, Paper Enamel Pulp and Boro-Phosphate Crystals, and has without the consent or authority of complainant used said secret processes for the production of said products at the plant of the said defendant, the Utility By-Products Chemical Company, and sold the products so manufactured, and that the object of said bill of complaint is to restrain and enjoin by an injunction of the Court of Chancery of the State of New Jersey the said defendant from manufacturing Satin White, Paper Enamel Pulp and Boro-Phosphate Crystals from the secret processes and formulas of the complainant, and also from selling the products so manufactured."

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



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



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The name DOWD is an insurance of quality. You are absolutely safe in buying:

Roll Bars and Bed Plates of every description. Barker, Chipper, Paper, Rag Knives, etc.

Ask DOWD.

400% greater surface with this beater roll

And you get this increased surface acting on the fibre of the stock with the same roll you are using now—and without changing your machine.

This improved DOWD Beater Filling is not a new roll but an attachment to your present roll—fitting into the roll where fly bars are at present.

Some of the biggest paper mills are cashing in on increased production made possible with this DOWD Beater Roll Filling—and so can you.

Consider this installation as an economy—because it is decidedly that.

Tell us your present beater capacity and we'll tell you how much it can be increased.



R.J. Dowd Knife Works
Makers of better cutting knives since 1847
Beloit, Wis.

PACIFIC COAST CONDITIONS ARE CONSIDERABLY IMPROVED

Labor Troubles at Paper Mills in Washington and Oregon Have Been Satisfactorily Settled and Plants Are Now Being Operated Pretty Well up to Capacity—Manufacturers, However, Are Worried About Having Their Supplies of Fuel Cut Off—Olaa Paper Co. Will Install a Plant to Make Paper from Bagasse on Its Plantations in Honolulu—Pacific Mills, Ltd., Are Busy.

[FROM OUR REGULAR CORRESPONDENT.]

The New Year has opened auspiciously in the paper manufacturing field on the Pacific Coast. The labor troubles have been settled to the satisfaction of the manufacturers at the plants in Oregon and Washington and production is being carried on pretty well up to capacity. The oil fuel situation is the only threatened danger just now, aside from the possibilities of the news print hearing before the Federal Trade Commission.

While no oil shortage is anticipated at the California plants, the recent commandeering of a number of tank steamers by the Government and the probability of more vessels being taken away from the Pacific Coast, has caused the oil companies to notify the paper mill companies operating in Oregon and Washington that their supply of oil may be cut off. In that case they would be in a serious plight, as it would be very difficult to secure coal under present conditions.

To Make Paper from Bagasse

According to telegraphic advices from Honolulu, the long-mooted question of whether or not paper can be produced commercially from the waste from the big cane sugar mills in the Hawaiian Islands, is about to be solved by the sugar manufacturers. It was stated that the Olaa Sugar Company had decided to proceed at once to install a bagasse paper mill on its plantation. The Honolulu report goes on to say:

"This mill will turn out asphalt-coated paper for use in the cane fields of the Olaa and other plantations, and it is proposed, later, to manufacture all commercial grades of paper, from brown wrapping paper and cardboard for cartons, to super-calendered stock.

"Charles Eckart, of the Olaa Sugar Company, has just returned to Honolulu from a trip through the paper mills of Maine, made with the object of obtaining pointers on the manufacture of various varieties of paper. It seems probable that, should this mill prove a success—which is not doubted—that other plantations in the Hawaiian Islands will install their own plants for paper manufacturers, as bagasse is now, practically, a waste material."

Pacific Mills, Ltd., Busy

The big paper mill plant of the Pacific Mills, Ltd., at Ocean Falls, B. C., is in steady operation in all departments, turning out news print, kraft, etc. The manufacturing of kraft paper, which is a new experiment on the Pacific Coast, was commenced during the past year, a superior product is now being turned out. The kraft mill has a capacity of about 20 tons a day. This kraft, which is made from spruce timber, is said to be fully equal to the Scandinavian product, in strength and color. According to the tests, which are being made right along, this kraft averages fully a point to the basis pound. The kraft is selling well in the Pacific Coast market, on both sides of the United States-British Columbia boundary line. It is expected that some of the surplus will be exported later on.

F. N. Dewey Returns from Northwest

Franklin N. Dewey, who has an office at 229 Balboa building, San Francisco, and represents several prominent Eastern concerns in the territory from Denver west to the Pacific, has returned from a business tour of the Northwest, where he found business quite

active. He will leave shortly for Texas and go thence to Denver, covering his territory, for the American Papeterie Company, the A. P. W. Paper Company, the Eastern Tablet Company, and the Russell Playing Card Company. Business in these lines in San Francisco is now above normal and the chief difficulty is to secure enough goods to fill orders. The slowness of rail freights has delayed deliveries and some goods are still on the road from the East that should have arrived here in December. An unusually large business was done on the coast last year, and from the way 1918 has started out Mr. Dewey expects this to be a banner year.

Crown Willamette Paper Co. Settles Labor Troubles

After having settled the labor question satisfactorily at the mills in Oregon and Washington, by continuing to run its business without interference from labor unions, the management of the Crown Willamette Paper Company has the situation well in hand. The plants at Oregon City and Camas are operating at practically full capacity, as far as the labor end is concerned. Any slight loss in production there may have been of late was due to very high water in the rivers, which reduces the effective head available at the waterwheels. The contracts of the Crown Willamette Paper Company for news print and other grades of paper are being filled promptly, as usual. Regular shipments from the mills are made despite the car shortage and the great scarcity of coasting vessels.

Union Waxed & Parchment Paper Co. Busy

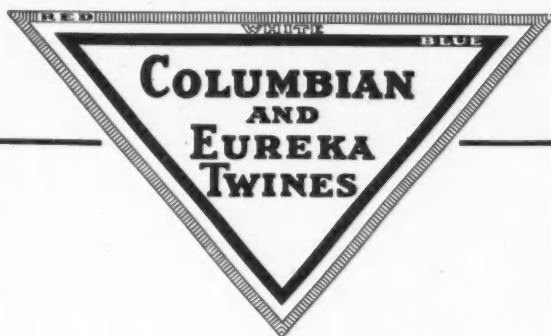
F. B. Dallam, who represents the Union Waxed & Parchment Paper Company, with headquarters at 417 Market street, and is general United States representative of Caro Fibre, has just started his spring campaign on the Pacific Coast. He sells direct to the packers and fruit growers. Although the bulk of the Pacific Coast business on fruit paper is done by the local mills, Mr. Dallam did a very fine business last year on Caro Fibre. The shipments of the fruit paper came through on time despite the scarcity of cars. The fruit growers did very well with large crops and high prices on nearly everything. Advertising campaigns are being carried on to reach the packers in Virginia, Kentucky, Michigan and Eastern territory where fruit has been packed in the old way, in boxes or barrels, for many years. They are now gradually adopting the individually wrapped system, which has been used with great success in California for a number of years.

Mr. Dallam represents, also, about six Eastern mills on the Pacific Coast. Prominent among his lines is that of the Cleveland-Akron Bag Company, of Akron, Ohio, manufacturers of the Saxolin bag. Jute bags are now very hard to secure, and the Saxolin line is going very well. There is a growing demand here for these bags, lined with paper pulp, for flour and various cereal products. The line of vegetable parchment waxes manufactured by the West Carrollton Parchment Company has a big sale in this territory. Comparatively little sulphite parchment is used for butter wraps. Very little bulk butter is sold here. In former years California butter was marketed in pound squares wrapped in cloth. At present the California market requires for package butter a pure vegetable parchment. These manufacturers have improved their sheet, since the war began, to meet the requirements of the Western demand.

General Trade Notes

A. H. Dougall, Jr., general manager of the Boards and Paper Division of the Paraffine Companies, Limited, of San Francisco, recently left for the Northwest on a brief inspection tour of the boxboard plants owned by his company in the State of Washington.

Alex Lewthwaite, resident manager of the Crown Willamette Paper Company, with headquarters in Portland, Ore., has been spending a few days at the main office of the company in San Francisco conferring with President W. P. Johnson and other officials.



One of your principal business assets is the good will of your trade and the satisfaction they derive from using or handling your product.

To maintain this good will it is essential that the small details relative to satisfying your customers be given careful attention. The packages which are sent out by you must be received in good condition.

If your customer is forced to complain about the poor condition in which some of your packages reach him, he will soon forget the unimportance of the fault, but the impression, that he found it necessary to complain, remains.

By using a COLUMBIAN or EUREKA Twine, which is designed for each special requirement, you will eliminate all danger of complaint due to the wrappings of packages being broken in transit.

Always look for the red, white and blue triangle label.

COLUMBIAN ROPE COMPANY

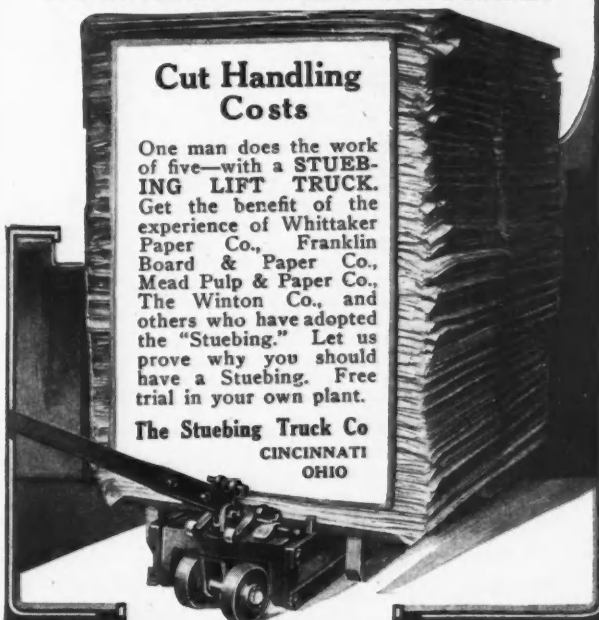
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Correspondence Solicited

New York Jottings

All of the local dealers and jobbers closed on the second "fuel-less Monday," and business was at a standstill.

R. W. Harrington, of the Kalamazoo Paper Company, Kalamazoo, Mich., was a recent trade visitor in town.

The Baker Trading Company, Inc., has removed its office to 39 East 42d street, adjacent to the Grand Central Station. The new telephone number is Murray Hill 3206.

Alton Faunce, of Price & Pierce, 30 East 42d street, recently left New York for a Southern trip. One of the points in Mr. Faunce's itinerary will be the mill of the Southern Paper Company, Moss Point, Miss.

Shuttleworth, Keiller & Co. have leased the entire Marvin Building at 468 West Broadway and 136 Thompson street, containing 100,000 square feet. The concern will use this space in addition to quarters which they now maintain in the adjoining building.

Beginning on Monday of this week the New York *Evening Post* lowered its price to two cents per copy. Heretofore its price has been three cents and was the only daily newspaper selling at that price in Manhattan. The Saturday edition will continue at five cents a copy.

A petition in bankruptcy has been filed against the Keystone Press, of 727 Seventh avenue. The creditors are: Central Card & Paper Company, \$363; Atwood Bindery Company, \$10; Bernard J. Zippert, \$400. Joseph P. Morrissey has been appointed receiver by Judge Manton.

As further evidence of the interest being shown by the paper trade in the sale of War-Saving Stamps, Paul E. Vernon reports that Messrs. Wilkinson, 419 Broome street, in conjunction with another concern, donated a half-page in the New York *Evening Mail* for advertising War-Savings Stamps.

A fire starting in a paper-box factory next door to the building of the Universal Steel Cabinet Co., Inc., of 2026-2032 Pacific street, Brooklyn, N. Y., found its way to that company's stock room, did considerable damage to manufactured stock, and will temporarily delay shipments. Manufacturing will be resumed by the company in a short while, and shipments will go on as heretofore.

F. E. Forsbrey, recent purchasing agent for the Robert Gair Company, has just returned from a selling trip through New England and the West for the Pulp & Paper Trading Company. He visited all of the large cities this side of the Mississippi River, including St. Louis, as far south as Louisville. Mr. Forsbrey has spent all of his business career in the paper industry and with the Robert Gair Company seven and one-half years, where his training in printing, lithographing and the allied industries was very complete. He is very desirous of keeping in touch with his many mill friends, and will be glad to see them when in New York at the Temple Court Building, 5 Beekman street.

Schorsch & Co., manufacturers of paper bags, of 500 East 133d street, is a concern highly active in the sale of War-Saving Stamps. To every one of their employees they have presented a Thrift Card with a 25-cent stamp attached. An accompanying bulletin explains the company's unique system of helping the employees to fill their Thrift Cards. The bulletin concludes with an explanation of the main reason why War-Savings Stamps should be bought. "Your country needs every penny which every man,

woman and child can save and lend in order to feed, clothe, arm and equip the soldiers and sailors of America and to win this righteous war in defense of American honor and the cause of democracy throughout the world."

"Forthcoming maturity of the first consolidated 6s of the International Paper Company, which are due February 1, is creating more than usual interest," said the *Wall Street Journal* recently. "The company seems to be in a stronger financial position than ever before in its history, and while the figures for 1917 are not yet available, interests close to the company say that the volume of business will run well up to that of 1916. No official statement concerning the company's attitude about the payment of the bonded debt which matures on February 1 could be obtained, but President Dodge speaking for the directors in February, 1917, said that it was the intention of the company to use a substantial part of its earnings of 1916 and 1917 for the retirement of its bonded debt."

Robert Houk Leaves News Print Service Bureau

Robert T. Houk, Jr., this week leaves the News Print Service Bureau as secretary. He offered his resignation to take effect January 1, but upon the request of the executive committee of the Bureau stayed on until the present time.

Mr. Houk assumed the position of secretary of the former News Print Manufacturers' Association toward the early portion of September, succeeding George F. Steele, who on September 1 took up his duties as manager of the Canadian Export Co., Ltd., of Canada.

Mr. Houk filled a very difficult position in the old association with the coming on of the trial of the indicted news print manufacturers in November and the final dissolution of the association by judicial decree, and opinion quite generally is of the tenor that he filled it well.

His plans are as yet indefinite. He states he will very probably go West to look into some propositions there that may appeal to him, some of which are connected with the paper industry.

R. S. Kellogg to Be New Secretary

It has been definitely learned from authoritative sources that R. S. Kellogg, of the National Lumber Manufacturers' Association, with offices in Chicago, Ill., has been chosen secretary of the News Print Service Bureau to succeed Robert T. Houk, Jr., secretary, whose resignation is effective February 1.

Mr. Kellogg was in the government forest service for nine years in the Forest Products Division. He has had extensive experience in gathering statistics in connection with the lumber industry, all of which will fit him for his new position.

For the last 8 years Mr. Kellogg has been associated with the lumber industry in the West in various capacities.

Further Postponement in Smith Case

The case of Alexander Smith, one of the seven indicted manufacturers of the former News Print Manufacturers' Association, has been put forward to February 4 to give still further time to Mr. Smith's attorneys to get in touch with him. He is at present in France in the Red Cross service. The trial was first postponed to January 10.

Together with Gordias H. P. Gould, Mr. Smith did not plead nolo contendere when the case came to final adjudication on November 26 last.

"History of Paper Manufacturing in the U. S. A.," by L. H. Weeks, contains much valuable information for everyone in the industry.

KUTTROFF, PICKHARDT & CO.

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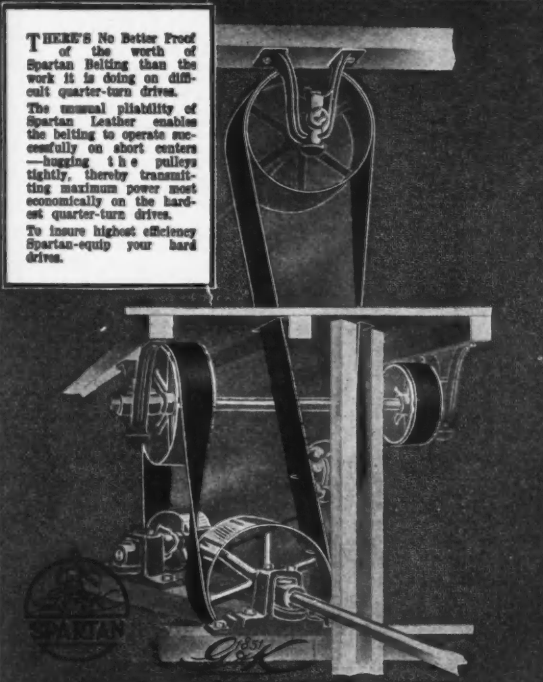
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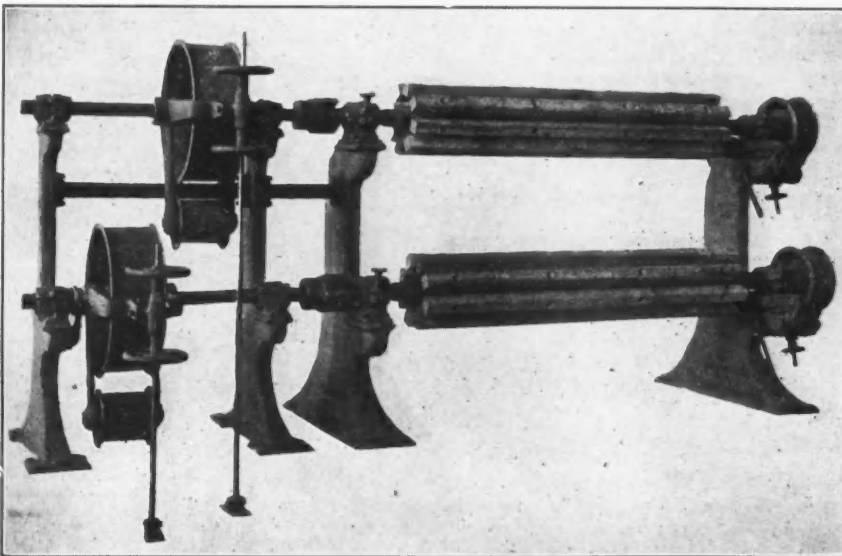
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AND
QUANTITY**

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

STEVENS POINT PULP MILL WILL START ABOUT MARCH 1

Plant Will Have Output of 40 Tons of Pulp Daily—John Strange Paper Company Board Mill at Menasha to Use Output—Wausau Sulphate Fibre Company Granted Exemption by Fuel Administrator—Logging Operations in Northern Wisconsin Now Going on at Good Rate but Output of Logs Not Expected to Be As Large As in Some Former Years.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., January 29, 1918.—The new pulp mill of the Stevens Point Pulp & Paper Company, a subsidiary company to the John Strange Paper Company, located at Stevens Point, is rapidly nearing completion. It is expected that the plant will be ready for operation about March 1.

The Stevens Point Pulp & Paper Company was recently incorporated with a capital stock of \$150,000. The incorporators are John Strange, Hugh Strange and F. C. Goddell. The entire output of this plant, which will be about 40 tons of pulp every twenty-four hours will be used by the new board mill of the John Strange Paper Company at Menasha. This mill is also under construction at present and will be ready to begin operations early in March. This mill will be equipped with seven 1,500 beaters, four 3,000-pound auxiliary beaters, one 144-inch six-cylinder machine and will have a capacity of about 200,000 pounds in twenty-four hours.

Wausau Sulphate Fibre Co. Exempted

An exception to the fuel administrator's general shut-down order has been granted to the Wausau Sulphate Fibre Company at Mosinee in order to save the huge piles of coal which are slowly burning in the yards. The fire in the coal piles is due to spontaneous combustion and the company asserted that the entire supply would be wasted unless the plant was kept in operation in order to keep the coal moving. Three large cranes are kept working sixteen hours daily turning over the coal. The mill uses about 125 tons of coal daily, but can be kept running at half capacity with about 60 tons of coal every day.

Logging Operations in Full Swing

Pulp wood logging in northern Wisconsin is now in full swing and while the harvest of logs will not be as heavy this winter as in some former years, the output of logs this winter will be fairly large.

Labor conditions are about the only drawback to a big harvest of pulpwood this year. The loggers do not object much to the high wages they are obliged to pay but the work is greatly hampered by the unreliability of the average woods workman. Wages are so high that almost any man can make enough in a few days to keep him a month and as a consequence there is a lot of moving about. Men will work for a few days and then jump to another camp or else go to town to spend their wages.

There is more labor available this winter than loggers had expected there would be, but the men will not stay at a camp long enough to become accustomed to the work. Loggers declare that if workmen could be prevailed upon to remain in one camp for the entire winter the output of logs would be greater this winter than for many years previous.

A big change has come over the employment of labor for woods work. The oldtime lumberman was employed for a certain sum per month and this sum included his board and lodging. The lumberjack went to work early in the winter and rarely drew any of his wages and in the spring left the camp with quite a large sum of money. This year the effort is to put as many as possible on piecework. Almost all the sawyers today are cutting logs at a

certain figure per log and some of the men are making as much as \$100 a month above their board and lodging.

Frank Taylor Has First Liberty Bond

Frank Taylor, formerly superintendent of the Interlake Pulp & Paper Company in Appleton and now connected with the Columbian Paper Company of Bristol, Va., has the distinction of owning the first Liberty Bond issued by the United States government. Mr. Taylor also owns the first bonds issued by the government in the Civil war and the Spanish-American war. The first Civil war bond was purchased by Mr. Taylor's grandfather, who then resided in Washington and the bond has remained in the family in spite of the large premium offered by the government for its surrender. Mr. Taylor himself purchased the first Spanish war bond while a resident in Appleton and when the first Liberty loan was issued he prevailed on the secretary of the treasury to allow him to purchase the first bond.

Kimberly-Clark Co. Leased Building

The Kimberly-Clark Company, with main offices at Neenah, has leased the seven-story building at 109-111 West Twenty-eighth street, New York, for warehouse purposes. This building contains about 43,000 square yards of floor space. The Kimberly-Clark Company is manufacturing a paper gauze in its Neenah mill and has submitted samples to the government for adoption in military hospitals. The gauze has already been placed on the market and is meeting with a ready sale.

Menasha Printing Co. Exempted from Closing

The Menasha Printing & Carton Company, of Menasha, Wis., has been exempted from the Monday closing order because it is engaged in the manufacture of containers for food. The paper mill owned by that company was also exempted by the fuel administrator's ruling. The Appleton Coated Paper Company purchased a large quantity of waste wood from northern Wisconsin sawmills and is using it for fuel under its boilers on heatless Mondays. This waste wood was formerly destroyed in large burners at the sawmills.

Crivitz Paper Co. Elects Officers

Officers for the ensuing year were elected this week by the stockholders of the Crivitz Pulp & Paper Company at Ellis Junction, Wis. The officers are as follows: William Hoberg, president; A. E. Hoberg, vice-president; J. W. McNeveins, secretary and treasurer; William Hoberg, A. E. Hoberg, J. W. McNeveins, Mrs. Rose McNeveins, Frank Hoberg, Henry Goethe and Joseph Martin, directors. Some improvements were made at the plant during the last year, it was reported at the annual meeting.

New Machine to Make Plugs for Rolls of Paper

A machine which dispenses with the services of four men in the manufacture of wooden plugs used in rolls of paper, has been invented by John Schneider of Menasha. Only one man is required to operate this machine. Mr. Schneider has formed a company for the manufacture of the plugs and is now supplying about twenty paper mills.

Using Paper in Place of Cloth Bags

Because of the high cost of cloth, the Marinette Flour Company is using paper bags as containers for flour. These bags are used only for small quantities, but there has been some agitation for their use as containers for quantities of fifty pounds. Several other flouring mills in Wisconsin are contemplating the use of paper bags in place of the cloth containers.

New Pittsburg Office

PITTSBURGH, Pa., January 28, 1918.—The Pittsburg offices of the Shepard Electric Crane & Hoist Company have been established in the Union Arcade Building.

*Any old Groundwood will make paper, but—Our
Superior Bleached Spruce Groundwood
will make Good Paper*

For samples and quotations apply to

M. GOTTESMAN & CO.

18 East 41st Street

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Established 1886

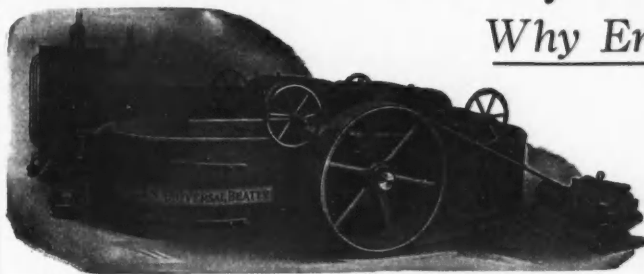
NEW YORK, N. Y.

WOOD PULP

OF EVERY DESCRIPTION

Fourdrinier and Cylinder Paper Machines

Why Enlarge Your Beater Room?



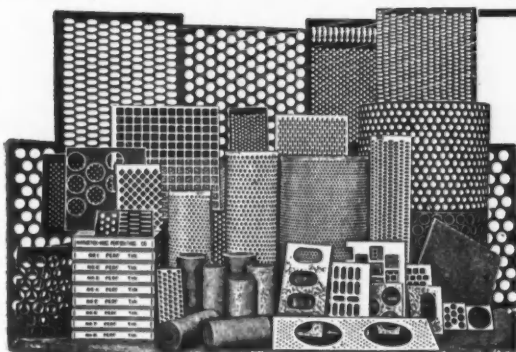
*All infringements on present patents and patents to be issued
will be vigorously prosecuted*

Why Add More Power?

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

MILLS MACHINE COMPANY ∴ **Lawrence, Mass., U. S. A.**

Builders of all kinds of paper mill machinery



PERFORATED METALS

Paper and Pulp Mill Screens

STEEL, IRON, COPPER, BRASS, BRONZE

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

THE HARRINGTON & KING PERFORATING CO.

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

Recent Incorporations

UNIVERSAL PAPER COMPANY, Oklahoma City, Oklahoma. Incorporators: E. D. Wrinkle, C. D. Jones, A. L. Busey, all of Oklahoma City. Capital stock, \$50,000.

LEOPOLD SONN & BRO., Manhattan, New York. Paper and paper boxes; capital, \$30,000. Incorporators: S. H. and F. and L. Sonn, 132 Mulberry street.

BINDER PAPER BOX COMPANY, manufacture paper boxes, Newark, New Jersey. Capital, \$25,000. Incorporators: Harry Levin, Eva Herman, Kathryn Fitzgerald, Newark.

NEWS PRINT SERVICE BUREAU

(Continued from page 16.)

manufacture of news print paper in the United States or Canada, by two-thirds vote of the members represented at any regular or special meeting of the organization may become a member of the organization by subscribing to these articles of organization.

Meeting

There shall be four regular meetings of the organization. These meetings shall be held at the City of New York on the second Tuesday in the months of February, May, August and November, respectively, in each year.

The regular meeting in February shall be known as the annual meeting of the organization.

Special meetings of the organization shall be called by the secretary upon the written request of ten members of the organization or by direction of the Executive Committee.

Written notice of all meetings stating the time and place of the meeting shall be mailed by the secretary to each member of the organization at least ten days prior to the date fixed for such meeting.

Expenses

The expenses of the organization shall be provided for by contributions from the members, and paid from the funds so contributed. Such contributions shall be based upon an equitable apportionment among the members of an amount estimated to be necessary to provide for the expenses of the organization. Such apportionment shall be arranged at each annual meeting, for the ensuing year or at such other time or times, and for such period as the members by a majority may decide, and shall be based upon the knowledge and experience available at the time of such apportionment as to what is a fair and equitable division among the members of such expenses pro rata according to their respective volume of business.

Collection and Use of Information

To facilitate the collection of information and statistical data as to the industry, each member shall furnish to the secretary complete and accurate reports of the news print paper produced and sold by such member, together with such further information as may be required by the secretary for statistical data and information respecting conditions in the industry. The forms or methods of reporting such information and the extent to which same may be furnished to be such as the Executive Committee may deem advisable, and the counsel of the organization may approve, and as may be approved by the members of the organization. All reports and other information so furnished shall be received and kept by the secretary.

No Restraints of Action or Trade

The purpose, intention and scope of this organization and of its operations is solely and exclusively to provide for its members service, information, advice and facilities for acquiring accurate knowledge of conditions prevailing from time to time, and educational opportunities without in any way imposing upon any member or other manufacturer any obligation, restriction, limita-

tion, or restraint whatsoever with respect to the conduct of his or its business. It is distinctly understood and agreed that no action shall at any time be taken by the organization, its members, its Executive Committee, or its officers to limit or restrain the freedom of action or trade, or commerce, of any member or other manufacturer of news print paper or of any other product, and that each member of this organization shall at all times be entirely free to conduct his or its business, and to follow any course with respect thereto in the matters of price, production, competition and trade generally, that he or it may see fit. There shall be no power or authority in the members, the Executive Committee, or the officers of the organization, to bind or pledge the organization or any of its members or any other manufacturer contrary to the above understanding, and if at any time such action shall be attempted or taken by or between any members of the organization or between any member or members of the organization and other manufacturers, or otherwise, the same shall be deemed not to have been sanctioned by and not to be binding upon, and in distinct violation of the purposes and objects of the organization and of its other members, and shall be of no force or effect as to them.

More Men Needed for Lumbermen's Regiment

Six thousand additional men are wanted at once to bring the Twentieth Engineers (Forest) Regiment up to full strength, according to officials of the Forest Service, who have been requested by the War Department to aid in securing the necessary recruits. This is the second forest regiment formed by the War Department and will be the biggest regiment in the world.

The first forest regiment has been in France for several months, busy in cutting and getting out of the French forests timber, lumber and other material for our army. Some battalions of the Twentieth have also gone across, and others will follow as their equipment and preliminary training are completed. Men who enter this unit are therefore assured, the officials say, of early service abroad.

Men can join the regiment by enlistment if not of draft age and if within the age limits, which are from 18 to 40. Registrants under the selective draft law who have not been notified to hold themselves in readiness to report for duty at a camp, can be "inducted" into the regiment if they can show that they are qualified for it.

Applicants for enlistment or induction may apply by letter to The Forester, Washington, D. C., or to the various listing officers who have been receiving local applications for places in the forest regiments. Letters of application must contain a full statement of experience in any of the various lines of work involved, with names and addresses of employers.

British India's Paper Imports

Measured by value, there was a great increase in the import (Burma, British India) of paper during 1916, and the United States' share of this trade rose from 4 per cent. to 8 per cent. of the total. The principal imports were: Packing paper, about \$220,000 (over 45 per cent. from the United Kingdom, about 35 per cent. from Japan, and 11 per cent. from the United States); printing paper, about \$235,000 (nearly 40 per cent. from India, 30 per cent. from the United Kingdom, and 10 per cent. from the United States); and writing paper and envelopes, about \$131,000 (about 80 per cent. from the United Kingdom, 4 per cent. from the United States, and most of the remainder from India).

To Go With Waverly Paper Box Board Co.

MONTREAL, Que., January 24, 1918.—J. A. Wright has resigned from the Canada Box Board Company to become superintendent of the Waverly Paper Box Board Company, of Newark, N. J. Mr. Wright will begin his new duties February 1.

HOWARD BOND

WATERMARKED

Color Brilliant : Strength Wonderful

THE HOWARD PAPER CO.
URBANA, OHIO

ORR FELTS AND JACKETS

ALL ARE GIVING SATISFACTION ON

NEWS AND FAST RUNNING MACHINES

THESE FELTS ARE WOVEN ENDLESS

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



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

Watch!! It Is Out

We have bought it. _____

E d i t o r i a l

Vol. LXVI. New York, Thursday, January 31, 1918 No. 5
FORTY-SIXTH YEAR

Notice to Subscribers

If your copy of the PAPER TRADE JOURNAL does not reach you promptly, do not assume that it has been lost in transit. Owing to the present congested condition of the railways, delays in the operating of mail-trains are inevitable. Therefore, in the event of the non-arrival of the PAPER TRADE JOURNAL our subscribers are advised to wait a few days before writing us, for by that time it will probably be in their hands.

New York Papers Raise Price

The newspapers of New York City, which formerly sold at a penny, showed good business judgment in raising their price on Saturday of last week to two cents. The wonder is that such action was not taken long ago. It was prevented, it is reported, by the action of one of the more important publishing concerns, which prints both a morning and an evening edition, which was strongly adverse to raising the price until just now.

New York, strangely, is the last of the big cities to advance the price of its penny newspapers to two cents. Such action earlier probably would have prevented much of the criticism that has been directed against the news print manufacturers, all of which has been extremely undeserved.

When other raw materials advanced in price, sellers naturally increased the price to the consumer, and the newspapers should have carried out this same policy long ago. There has, however, been a foolish aversion to do this which it is difficult to explain. In place of doing what in every other trade has seemed the perfectly obvious thing to do, viz., to raise prices of the manufactured goods as the raw materials advanced, the publishers endeavored to keep the news print manufacturers from the advances to which they were legitimately entitled. The fixing of the price of news print, however, at 3 cents per pound, which, under all the prevailing conditions, is a comparatively low rate, has made the continuance of the penny paper impossible. It is to be hoped that the price will not again be reduced until the circumstances actually warrant such action.

Greatest Good of the Greatest Number

The greatest good for the greatest number has long been held to be the highest aim of government and government action. There has never been a more perfect instrument of government for achieving this ideal than United States Liberty Bonds. By their very nature they give to every citizen of the United States a chance to serve his country by serving himself; and if one serves himself and by the same act promotes the welfare of all his fellow citizens, he certainly is serving the greatest good for the greatest number.

In buying a Liberty Bond one serves one's self first by discharging to that extent his paramount duty of patriotism in these

days of his country's greatest war. He serves himself also in a direct, material sense by investing his money in an absolutely safe manner and at lucrative interest. Further, he serves himself by helping to win a war whose sole purpose is to make not only his own country, but his whole world; a safer, happier and saner place to live in, both for himself and for his posterity. Directly and indirectly that means, also, that he is conserving the value of his own property, for personal ownership of property would mean little in a world or nation ridden either by domineering autocracy or destructive anarchy. Both of those conditions are inherent possibilities in German success. The imposition of German rule on free-spirited nations would both destroy individual freedom on the one hand and promote the anarchy of discontent and seditious revolt against oppression on the other. In a world in a state of unrest and uncertainty, property values would always be at low ebb. Even though the United States should retain its national entity and its sovereignty within its own borders, autocratic supremacy of Germany in Europe would inevitably impose on this country the necessity of becoming perpetually a militaristic nation in self-defense, maintaining burdensome army and navy establishments that would have to be paid for out of the pockets of the people. In other words, the citizen is confronted with this alternative: Lend your money to your government now to win the war, or else give it to your country later in the form of taxation to defend itself. In the first case your money will come back to you after having earned you more money; in the second case it never would earn you a cent and never would come back, for it would be dead loss, consumed by necessary militarism. This is the hour for the citizen to choose between these two alternatives, and Liberty Bonds are the instrument through which he can make his choice effective.

Having thus served himself by buying Liberty Bonds, the citizen by the same deed serves all his fellow citizens. He does so without additional cost or effort to himself, for in making the world safer, saner and happier to live in for himself and his sons, he also makes it a better place for everyone else. Each of the broader aspects of the great good of Liberty Bond investment that benefits the purchaser himself means an equal largeness of welfare for his fellow citizens. Therefore the purchase of a Liberty Bond is an act of altruism that is perfect in its efficiency, for it requires no undue sacrifice on the part of the individual for the public good, but results in the maximum of public welfare.

Finally, in serving himself by buying a Liberty Bond the citizen serves his country, giving it the use of his money to fight the war, giving it his personal support and participation in its national solidarity of action and placing him unflinchingly in the ranks of patriotism, to stand four-square in the fight to uphold his country's glorious traditions of the past, to maintain its honor in the present and to make secure its safety in the future.

French Restrictions in the Use of Paper

Commercial Attaché Viditz reports from Paris that the French Minister of Commerce and the Minister of the Interior have issued a decree imposing certain restrictions upon the use of paper, particularly for posters. Certain kinds of advertising posters are prohibited altogether, and for other categories of posters the size is limited.

Chemical Microscopy Applied to Paper

E. M. Chamot, in an address on "Chemical Microscopy" recently before the Chicago Section of the American Chemical Society, devoted the following interesting paragraphs to paper:

"I have thus far failed to mention one great industry based largely upon microscopical control—the paper industry. Practically, an analysis of paper without reference to its ultimate composition as shown by the microscope is of little or no value. Actually, much paper is manufactured and employed for various purposes without studies under this instrument. As a necessary consequence we frequently meet with paper-fibre goods manufactured with little regard for the ends to be attained other than to sell at a profit. A fair criticism of our American paper products are that they are too good; that is to say, quality is higher than need be, and the cost to the consumer is greater than it should be for many of the objects to be attained. By that I mean that a less expensive product would serve equally well and not infrequently better. This is poor business and poorer conservation. Let me cite a case in point:

"A few years ago a firm manufacturing a product (which must be nameless, since the investigation was conducted in confidence) appealed to the laboratory for advice. Their product, and that of their competitors also, was failing to stand up under new conditions of use. In desperation the chemist of the firm wanted to know whether the microscope would reveal the source of the trouble. A day or two's critical study of new and failed material showed that changes made by the paper firms were probably the cause of the trouble. A commercially better grade of paper was being supplied. The matter was taken up with the paper firm. The answer was quick and to the point. The paper supplied was the highest grade that could be produced at that price and further they didn't propose to have any men, mere analysts, tell them their business. They had been manufacturing papers before the questioning men were born, etc., etc. In fact the same old story, and the same old trouble with many well-meaning American firms.

"A small firm was prevailed upon to make a paper of the kind which, it was believed, would eliminate certain features which the microscope seemed to indicate to be the cause, or at least one of the causes of the trouble. This new paper was then treated in the proper manner and tested out. The results were so satisfactory that a contract was placed to take almost the entire output of the paper firm with specifications as to the kind of paper needed. The net result was that a product was obtained in which, not only were the old defects eliminated, but the cost of production was decreased, the final profit greatly increased, and the stability of this industry assured. But I am not sure that the paper firm which lost a large contract is even today convinced that the new methods of microscopic investigations are of value.

"There is little doubt that similar conditions obtain in many of the other varied paper-fibre industries. Microscopic methods are the only ones which enable the analyst to identify the nature of the paper and to indicate its fitness and adaptability for the specific uses to which it will be put.

"The technique for the recognition of the nature of the fibres present and for their quantitative determinations are fairly well established and are on the whole quite satisfactory. But a phase of microscopic investigation has been neglected, viz., a study of the finished surface with references to the uses to which the paper is to be applied. A study of paper surfaces with vertical illuminator and with oblique light yields most interesting results. Were these methods more often employed there would be in many cases a decided modification in certain papers on the market."

Stopping Waste in the Boiler Room

A specially timely book is "Finding and Stopping Waste in the Modern Boiler Room," which has been compiled by George H. Gibson, A. S. M. E., assisted by Percy S. Lyon, now captain of coast artillery.

The saving of coal is the purpose of this practical handbook, which is addressed to power plant owners, managers, engineers and firemen. The preface states that such statements tables, charts, etc., have been selected as were supported by experiments and tests, references being given wherever possible to the original authorities. The latter include many well-known engineers and writers in technical periodicals, also authors of papers before engineering societies, while the excellent bulletins on the utilization of fuel issued during recent years by the United States Bureau of Mines have been freely drawn upon. Pains have been taken to compare statements and to check each source of information against others.

The work is divided into five sections, the first of which is about "Fuels," under which are considered the coals of the United States and their classifications, size of coal, coal sampling, proximate analysis, ultimate analysis, heating value of coal, ash and clinker, value of coal for steaming purposes, purchase of coal under specification, washing of coal, storage and weathering of coal, coal measurement, oil fuels and gaseous fuels.

Other sections include "Combustion," "Heat Absorption," "Boiler Efficiency and Boiler Testing and Boiler Plant Proportioning and Management."

The book includes 276 pages, 213 illustrations and sells at \$1.

To Make Munitions from Paper By-Products

ALBANY, N. Y., January 28, 1918.—The Assembly last week passed Senator Whitney's bill transferring to the Federal Government a strip of abandoned canal land at Mechanicsville, adjoining the plant of the West Virginia Pulp & Paper Company, so that the Government may begin at once the erection of a building for the making of munitions needed for aeroplanes. The Government proposed to use a by-product of the paper company for this work. The bill was held up in the Assembly on the objection of Assemblyman Shiplacoff, the Socialist leader.

Mechanicsville is much interested in the legislation, for it means the employment of many hundreds of hands when the plant gets going in full blast. The construction work will be started as soon as possible.

Canada May Take Over Part of Paper Mills

A press dispatch from Ottawa, Ont., says it was reported in Government circles last week that the Canadian Government would take over a sufficient number of paper mills in the dominion to furnish Canadian newspapers with the needed supply of newsprint on account of the seeming impossibility of the Canadian Press Association and the manufacturers of news print coming together and adjusting the differences as to price.

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

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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.

Curling on Loft Dried Papers

QUESTION No. 2442.—We note in your December 13 issue, reply to question No. 2436, regarding wavy edges on paper.

Would the suggestion you give also apply to curling on loft-dried papers? Also would the sizing used in the loft have any bearing on this question; that is, whether a glue or a starch product was used?

It seems to be the general opinion that this trouble is more prevalent during colder weather than it is in the summer. Is this your opinion? By curling, I mean more than a mere cockling of the edges.

ANSWER No. 2442.—The suggestions given in answer to No. 2436 do apply also to the curling of paper, particularly those in regard to slowness of stock and quality of fibres selected and excessive sizing. A heavy surface coating of glue will assist the tendency to curl. Trouble with curling is more prevalent in cold weather, due to some extent to slower stock caused by the cold and to the atmospheric condition of the mill, the finishing in particular. Mills troubled with curling or wavy edges might do well to keep the atmosphere in the mill at a standard.

Getting Rid of Electricity in Paper

QUESTION No. 2443.

I am not a mill man but have for many years handled large quantities of bag paper, 80 per cent. sulphite and 20 per cent. ground wood. I would like to ask if you know of any way to get rid of electricity in this grade of paper after it leaves the mill. I find shipments of paper from many mills contain electricity. I receive the above grade of paper in rolls, run same

through bag machine at high rate of speed and the electricity causes the sheets to stick together very strongly. I have many ways for taking it out, but no way to take it out permanently.

ANSWER No. 2443.

As a remedy for your trouble with electricity I would suggest that you get in touch with the manufacturer of your paper and have him eliminate the electricity at the start, which is a very simple matter. Electricity can be extracted from the paper to a great extent when in the process of manufacture by simply stretching a copper wire across the sheet of paper as it leaves the last nip in the calendar stack going onto the reel. But to deal with your paper, which has the electricity, I would recommend exposure of the paper to a very warm temperature, stacking it in staggered piles of one ream to each section. If the paper had been stored in a cold atmosphere it would cause you trouble in the way you describe. Another method consists of "fanning" the paper before feeding into your machine, thus allowing much of the electricity to escape. There are also a number of electricity extractors on the market which do very good work in some cases, and as your paper comes in rolls, I think you could work these liquids to advantage.

Gum on Bottom Liner Cylinder

QUESTION No. 2444.—Why does bottom liner cylinder on board machine gather more gum than all other cylinders running same stock, i. e., mixed papers or news? How can it be avoided, and corrected?

Who can answer this?

Spruce Turpentine

From 1,500,000 to 2,000,000 gallons of "spruce turpentine" (sulfite turpentine) are going to waste annually in the mills of the United States and Canada using spruce pine for wood pulp, says the *Journal of Industrial and Engineering Chemistry* in its current issue. This oil is formed during the cooking of the chips in the sulfite digesters and escapes with the steam in the blowing-out process. The term "turpentine," as applied to this material, is a misnomer, for it contains only traces of terpenes; the chief constituent, approximating ninety per cent., is cymene. Recovery of the crude product has been carried out in a few mills, but no market was developed sufficient to justify the expense of recovery. This material assumes at the present time a greater importance than hitherto accorded it because of its possibilities as a source of toluol.

Patents have recently been issued to R. H. McKee for a process in which the dried spruce turpentine is heated with aluminum chloride to about the boiling point of the turpentine. The products formed are toluol, propane and a small amount of tar. We are informed that there is a plant in Philadelphia carrying on this process, but so far only turpentine has been obtained to run about one day a week; the sulfite mills have been unwilling to take the trouble to collect and ship the turpentine.

Moore and Egloff (*Mct. and Chem. Eng.*, Vol. 17 (1917), 66), studying the action of aluminum chloride on pure aromatic hydrocarbons, obtained a yield of 14.3 per cent. of toluol from cymene.

Schorger (*J. Am. Chem. Soc.*, Vol. 39 (1917), 2671) studied the action of aluminum chloride on cymene under varying conditions of temperature, time, amount of reagent, etc. He mentions the interesting fact that B. T. Brooks, by removing the light, low-boiling reaction products as rapidly as they are formed, obtained forty per cent. of toluol by treatment of cymene with seven per cent. of aluminum chloride.

A still more interesting possibility is suggested by the work of Boedtker and Halse (*Bull. de la Soc. chim.*, Vol. 19 (1916), 444). By heating cymene, dissolved in ten times its weight of benzene, with aluminum chloride a true reversal of the Friedel-Crafts reaction was obtained. Ninety grams of cymene yielded forty-four grams of toluol and sixty-eight grams of cumene (eighty and eighty-five per cent., respectively, of the theoretical yield).

If these results hold true on a commercial scale, a new source of toluol for munitions and dyestuffs is indicated.

It is unfortunate that Boedtker and Halse have included so few details of their investigation. The published results are so striking that they suggest the necessity of further work on this interesting reaction. Perhaps the mills have been throwing away material of far greater value than they supposed.

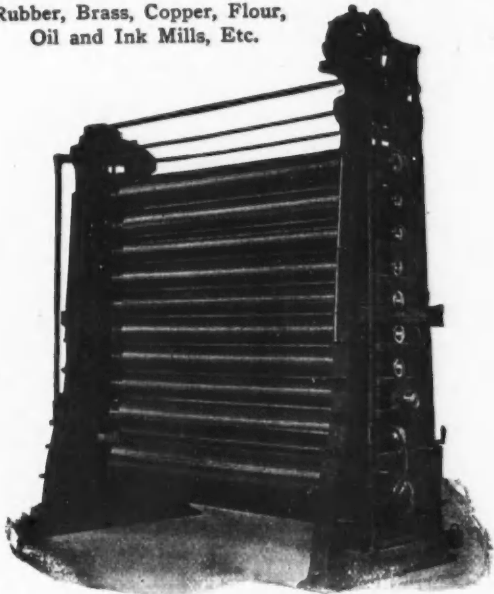
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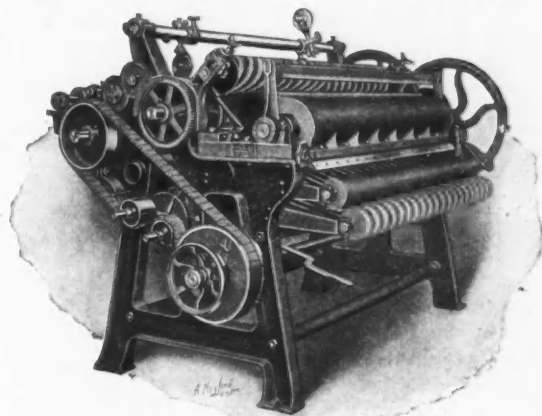
We can furnish all

AVAILABLE COLORS

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Single, Duplex and Diagonal



Cutter Knives : Patent Top Sitters.

HAMBLET MACHINE CO.

Lawrence Mass.

NEWS PRINT STOCKS DECLINE DURING MONTH OF DECEMBER

(Continued from page 12.)

It is pointed out by officials of the Forest Service that the lumber census is of particular importance at this time, because of the large quantities of special material needed for the conduct of the war. Several of the Government departments, they say, depend upon the Forest Service for data and technical advice on subjects connected with lumber. Since the entry of the United States into the war, this demand has been greatly increased. In many cases the information gathered by the Forest Service in previous years has made it possible to determine at once where certain classes of material could be obtained in the largest quantities, and consequently has enabled the Government to get in direct touch with the proper mills without loss of time.

Because of unsettled conditions in the lumber trade in 1917, it has been somewhat difficult to judge the current production. Heavy calls for lumber made by the Government have been partially offset by transportation difficulties and scarcity of labor. Officials say that it will require a careful census to determine whether the output was more or less than preceding years. They point out at the same time that the lumber manufacturers can aid the work materially by filling out and returning promptly the questionnaires that have been sent them.

American Writing Paper Opens Office

Charles P. Foster, assistant to the president of the American Writing Paper Company, last week opened an office for the company in this city at 305 Westory building.

Mr. Foster, who is one of the new officials of the concern, is here to handle principally Government work and to see that everything goes right in that line. The policy of the Washington office has not yet been definitely determined, but it is not believed that Mr. Foster will try to handle any city work.

News Print Mills Must Close

Reversing a ruling made a day or two ago, Dr. Garfield, fuel administrator, on Saturday held that news print paper mills come within the class of industries that must be closed on the next nine Mondays. The ruling was changed after the Federal Trade Commission reported that enough news print paper was on hand in the country to supply newspapers for the next twenty-eight days.

Government Orders Do Not Create Priority

Thinking to avoid being shut down from time to time if the Government so directs, paper mills in various parts of the country are making inquiry of officials at the Government Printing Office if they will be allowed to continue running if engaged on Government paper contracts. The mills making inquiry are being informed by officials of the Printing Office that having Government paper contracts will make no difference. Neither the Government Printing Office nor any other department in Washington has the power to create priority in manufacture when an order is issued.

Paper Laboratories Make Interesting Tests

There were 475 tests made during the month of December by the paper laboratory of the Bureau of Standards, according to the monthly report to the Director of the Bureau. Of this number, 371 tests were for the Public Printer, 88 for other executive departments, and 16 for outside parties.

The laboratory has been making a series of tests to determine the relative water resisting properties of various types of wall board, and a number of manufacturers have been keeping closely in touch with the development of the work along this line. Relative to wall board, the report says:

"A representative of the Paper Section visited a number of manufacturers who are now engaged in producing large quantities of wall board for overseas shipments. The visit was for the pur-

pose of securing all possible information relating to the manufacture of wall board, and also for the purpose of pointing out certain important facts which this Bureau has been able to learn as a result of its tests on wall board."

The paper laboratory, Bureau of Chemistry, Department of Agriculture is making some experiments and tests for the Navy Department of fibre boxes. It is understood that the laboratory tests are being made on boxes that have been shipped by the department. Some of the boxes are said to be making a good showing.

PRODUCTION OF BOOK PAPER

(Continued from page 14.)

show the following loss of time as a result of lack of orders, lack of coal and other important reasons.

	Lack of Orders		Lack of Coal		Other Reasons	
	No. of Machines	Hours	No. of Machines	Hours	No. of Machines	Hours
First week...	24	2,104	17	1,002	35	1,223
Second week..	36	2,282	44	1,745	50	1,291

NOTE.—Lack of coal was such an important reason for shut downs during the two weeks that it is shown separately in this statement. "Other Reasons" does not include the loss of time from the New Year holidays.

Exports of news print paper for September exceeded 12,000 tons and for October 14,000 tons. The exports for November were 11,711 net tons. The exports for these three months were more than double the monthly exports for preceding months.

News Print Prices

Monthly reports from news print manufacturers showed 50 new contracts made during December aggregating 40,178 tons. Of this quantity more than 95 per cent. was at the price of \$3 or less f. o. b. mill.

Current market prices to domestic buyers for the bulk of the tonnage ranged from \$2.90 to \$3.50 for rolls in car lots and from \$3.15 to \$3.50 for sheets in car lots. Export prices were somewhat higher.

Monthly reports from jobbers for deliveries in small quantities from warehouses show the following price quotations on rolls and sheets:

	East and Middle West		Pacific Coast	
	Rolls	Sheets	Rolls	Sheets
Ream lots.....	\$3.85-6.00	\$7.25-9.00
Case lots, 500 lbs.	3.85-6.00	6.75-8.50
Ton lots.....	\$3.10-4.75	3.75-5.50	\$4.50-8.00	5.00-8.25

The jobbers' reports indicate a slight softening in prices during December.

Pulp Prices

Receipts of sulphite on old contracts during December were at prices ranging from \$52 to \$100 per ton, the average for the bulk of the tonnage being about \$60. Prices of the bulk of the tonnage of sulphite bought on current orders showed about the same range as the contract purchases. Ground wood deliveries on contract were at prices ranging from \$25 to \$42 per ton. Current market prices for ground wood ranged from \$32 to \$37.50 per ton.

Chemical Paper Co's Service Lines

The Chemical Paper Manufacturing Company, Holyoke, Mass., has just issued an attractive little booklet entitled "Service Lines," which gives the price and a brief description of the popular lines of paper produced by this well known concern. The information contained in this booklet cannot fail to be of great assistance to the paper dealers and printers throughout the country.

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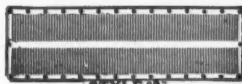
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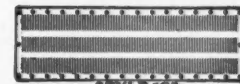
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Upholds Iroquois Sale

TROY, N. Y., January 28, 1918.—Judge George W. Ray of the United States Court upholds the sale of the stock of the Iroquois Paper Company in the bankruptcy proceedings of the Moose River Lumber Company, in which former Governor John A. Dix was interested. At the time of the bankruptcy, John P. Cloonan of Hudson Falls was appointed trustee of the Moose River Company as well as of Mr. Dix, who had also gone into bankruptcy. In the Moose River Company's assets were 2,115 shares of stock of the Iroquois Paper Company, which operates a mill at Thomson, the home of Mr. Dix.

This block of stock is a majority and controls the company. The stock, Mr. Cloonan discovered, was not in the Moose River Company's treasury, but was pledged for debts which did not appear on its statement of liabilities. Instead of allowing the Iroquois stock to be broken up Mr. Cloonan redeemed it and later sold it to Henry W. Somers of Fort Edward, representing a syndicate, for \$97.50 a share. In the fall and winter of 1916-1917 there was a boom in the paper market and all paper stocks advanced. A nephew of Mr. Dix instituted proceedings to have the sale set aside as having been made for an inadequate price, and as having been collusively made, and to have Mr. Cloonan removed as trustee.

Judge Ray, in refusing to grant this, held that Mr. Cloonan had obtained at the time of the sale the highest market price for the stock.

Minneapolis Paper Co. Has Banquet

MINNEAPOLIS, Minn., January 28, 1918.—The Minneapolis Paper Company held its annual banquet at the Minneapolis Athletic Club.

President E. J. Stilwell was present at the meeting and was given rousing cheers. Mr. Stilwell told about the early beginnings of the company, the early days in the paper business of the Northwest Territory, and related many interesting incidents from his experiences when he was selling paper on the road.

Vice President L. R. Boswell called attention to the long service with the company of many of those seated around the tables, a large number of whom had been with the house continuously for considerably upwards of twenty years. He also paid worthy tribute to the younger employees of the company, sixteen of whom are now serving with the colors.

Secretary W. E. Swartwood told about the policy of the house and mentioned several improvements that during the past year had been instituted in the conduct of the business, with the object of increasing efficiency and bettering service to the trade.

Heads of the various departments told of conditions in their particular branches of the business, and salesmen of long service with the house were also called upon to say a few words.

At intervals during the evening patriotic and popular songs were sung. The final feature was a big dance, for which the dancing floor of the club and the regular orchestra had been engaged.

May Build Paper Mill in Washington

HOQUIAM, Wash., January 22, 1918.—Plans for building a big wood pulp and paper mill in Hoquiam have just been announced by R. Thomas, who has been in Hoquiam for several months in connection with the promotion of the project. The plant he expects to build will have an initial capacity of 100 tons of pulp per day and employ several hundred men. Local and outside capital, it is understood, have been secured for the project. The Commercial Club is to furnish a site of several acres.

Imports of Paper Into British India

The total value of imports of paper and pasteboard, Madras, British India, amounted to \$1,250,042 in 1916-17, against \$715,700 in 1915-16, an increase of 74 per cent, due to increased prices. There was a decrease in the quantity of printing

paper imported from the United Kingdom, Norway, and Sweden, and an increase in imports from the United States. The market value for 1916-17 was about \$0.12 per pound, against the pre-war average of \$0.05 per pound. Of the total imports of paper and pasteboard the United Kingdom's share was 71 per cent, the same as in the previous year, and that of Norway and Sweden 16 per cent, against 23 per cent in 1915-16. The shares of the United States and Japan, whose trade in previous years in these articles was inconsiderable, amounted to 7 and 4 per cent, respectively. Of stationery \$268,982 worth came from the United Kingdom and \$47,692 worth from Japan.

International's Niagara Mill to Make Silicon

NIAGARA FALLS, N. Y., January 28, 1918.—When the surplus stock on hand at the Falls plant of the International Paper Company is worked into stock—within 10 days at the latest—machinery will be installed for the manufacture of ferro-silicon. This was decided upon today after A. H. White of New York, chief engineer of the company, had made an inspection of the Falls mill and arranged for the placing of machinery to make ferro-silicon. Superintendent William McGinley expects to be transferred to the Ticonderoga mill. Nearly all the expert papermakers will be sent to other mills of the International company. About 40 men will be employed in the manufacture of the new material here.

To Allow Employees to Buy Stock

NIAGARA FALLS, N. Y., January 21, 1918.—The Certain-teed Products Company, which recently purchased the Lockport Paper Company plant in Elizabeth street, has evolved a plan by which it is believed that it will obtain the highest point of efficiency in production. The company has announced that it offers stock to its employes and all who decide to purchase will be permitted to attend stockholders' meetings and participate in the affairs of the company.

Pioneer Waste Paper Co. Burns

TOPEKA, Kan., January 28, 1918.—The building of the Pioneer Waste Paper Company, at Ninth and Adams streets, was totally destroyed by fire last week. The loss is estimated at \$10,000. L. F. Seiler is the owner. Fire started on the third floor. The building contained 250,000 pounds of paper. Owing to car shortage, it is stated, the owner was unable to keep his stock down.

Mr. Kaplan Honored

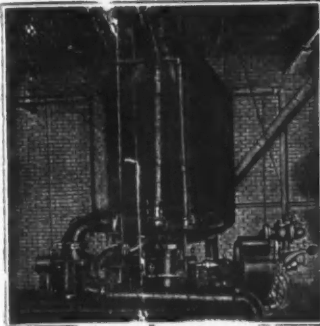
Benjamin Kaplan, former superintendent of the Newark Parafine & Parchment Paper Company, who has gone to Columbus, Ohio, to take charge of the Mid-West division of the same company, was given a farewell dinner by officers and employees of the company last night in New York. He was given a gold watch and chain.

Resigns from Flower City Tissue Mills Co.

Frank M. Nephew, for the past 12 years sales manager of the Flower City Tissue Mills Company, of Rochester, N. Y., has resigned his position with that company, to take effect as quickly as a successor for his position can be found. Mr. Nephew has made no plans for the future as yet. He can be located at his home address, 452 Glenwood avenue, Rochester, N. Y.

Julius Rosenberg Is Made Director

CHELSEA, Mass., January 28, 1918.—Julius Rosenberg, of Rosenberg Bros., paper stock dealers, has been elected to the board of directors of the Chelsea Trust Company and the Morris Plan Company.



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

WINESTOCK DE-FIBERING AND DE-INKING PROCESS

Patented

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

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

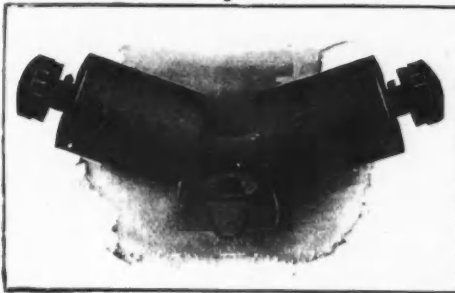
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PAPER AWARD FOR PUBLIC PRINTER ANNOUNCED

(Continued from page 9.)

- Lot 153—80,000 lbs. Jute manila. No award. Purchases will be made in open market.
- Lot 154—50,000 lbs. rope manila paper. No bid.
- Lot 155—75,000 lbs. rope manila. No bids.
- No. 156—100,000 lbs. rope manila. No bids.
- No. 157—80,000 lbs. rope manila paper, flat. No bids.
- No. 158—50,000 lbs. rope manila paper. No bids.
- No. 159—15,000 lbs. rope manila paper. No bids.
- No. 160—25,000 lbs. oiled manila tympan. Smith Dixon Company, 7.53c.
- Lot 161—500 lbs. manila tympan. No award. Purchases will be made in open market.
- Lot 162—100,000 lbs. manila board. Smith Dixon Company, 5.72c.
- Lot 163—75,000 lbs. manila cardboard. Carter Rice & Company, Corporation, 5.98c.
- Lot 164—200,000 lbs. manila tag board, calendered. R. P. Andrews Paper Company, 7.85c.
- Lot 165—15,000 lbs. white railroad board. No bids.
- Lot 166—25,000 lbs. colored cardboard. No bids.
- Lot 167—50,000 lbs. white china board. No bids.
- Lot 168—200,000 lbs. colored bristol board. No bids.
- Lot 169—400,000 lbs. colored bristol board. No bids.
- Lot 170—400,000 lbs. ditto. No bids.
- Lot 171—1,500,000 lbs. white bristol board No. 1. Carter Rice & Company, Corporation, 7.96c.
- Lot 172—7,000 lbs. index bristol board. No award. Purchases will be made in open market.
- Lot 173—25,000 lbs. index bristol board. No award. Purchases will be made in open market.
- Lot 174—50,000 lbs. index bristol board. No award. Purchases will be made in open market.
- Lot 175—2,000 lbs. white paraffine paper. No award. Purchases will be made in open market.
- Lot 176—20,000 lbs. white non-curling gummed paper. Ideal Coated Paper Company, Brookfield, Mass., 9c.
- Lot 177—5,000 lbs. blotting paper. Smith Dixon Company, 8c. on white and pink; 8.5c. on blue.
- Lot 178—8,000 lbs. white stereotype molding. Republic Bag & Paper Company, New York, 8.8c.
- Lot 179—3,000 lbs. red stereotype molding. Smith Dixon Company, 8.5c.
- Lot 180—60,000 lbs. monotype key-board and casting machine paper. Lanston Monotype Machine Company, Philadelphia, 10.35c.
- Lot 181—20,000 lbs. offset paper for webb presses. Republic Bag & Paper Company, 10.7c.
- Lot 182—15,000 lbs. plate wiping paper for embossing presses. R. P. Andrews Paper Company, 5.69c.
- Lot 183—10,000 lbs. back lining for case-making machines. No bids.
- Lot 184—5,000 lbs. lining paper for head bands, etc. No bids. Purchases will be made in open market.
- Lot 185—1,000 lbs. tablet stripping paper. Ideal Coated Paper Company, 6.5c.
- Lot 186—1,000 reams carbon paper. No awards. Purchases will be made in open market.
- Lot 187—1,000 reams carbon manifold paper. No awards. Purchases will be made in open market.
- Lot 188—10,000 lbs. press board. No bids. Purchases will be made in open market.
- Lot 189—1,000 lbs. parchment. No bids. Purchases will be made in open market.
- Lot 190—1,000 lbs. binders board, newsboard. No bids. Purchases will be made in open market.
- Lot 191a—500,000 lbs. chip board in car lots. The C. L. La Boiteaux Company, Cincinnati, 1.74c.
- Lot 191b—Ditto, LCL. The C. L. La Boiteaux Company, 2.074c.
- Lot 192a—500,000 lbs. strawboard, carlots. The C. L. La Boiteaux Company, 1.724c.
- Lot 192b—Ditto, LCL. The C. L. La Boiteaux Company, 2.149c.
- Lot 193—8,000 lbs. strawboard. No awards. Purchases will be made in open market.
- Lot 194a—200,000 lbs. box board carlots. C. L. La Boiteaux Company, 2.549c.
- Lot 194b—Ditto, LCL. C. L. La Boiteaux, 2.85c.
- Lot 195a—1,000,000 lbs. C. L. Binders' Board No. 2. Kerr Paper Mill Company, East Downingtown, Pa., 2.65c.
- Lot 195b—Ditto, LCL. Kerr Paper Mill Company, 2.7c.
- Lot 196a—400,000 lbs. binders' board, No. 1, car lots. Kerr Paper Company, 2.9c.
- Lot 196b—Ditto, LCL. Kerr Paper Company, 2.95c.
- Lot 197a—150,000 lbs. binders' board, best quality, car lots. Kerr Paper Mill Company, 3.25c.
- Lot 197b—Ditto, LCL. Kerr Paper Mill Company, 3.3c.
- Lot 198—50,000 lbs. trunk board. Kerr Paper Company, 2.65c.

Government Printing Office Bids

The following paper bids were opened last week at the Government Printing Office:

20,000 pounds (400 reams) of 20 x 25-in.—50, smooth wove, dark blue, cover paper; American Writing Paper Company, at \$.0875 per pound; Mathers-Lamm Paper Company, at \$.08125; B. F. Bond Paper Company, at \$.0785; Knowlton Brothers, at \$.078; and R. P. Andrews Paper Company, at \$.0775.

2,500 pounds (50 reams) of 20 x 25-in.—50, rough laid, robin's egg cover paper; B. F. Bond Paper Company, at \$.0785; Knowlton Brothers, at \$.075; Mathers-Lamm Paper Company, at \$.08125; R. P. Andrews Paper Company, at \$.0745; and American Writing Paper Company, at \$.0875.

10,000 pounds (200 reams) of 20 x 25-in.—50, of rough wove, dawn cover paper; B. F. Bond Paper Company, at \$.0885; Knowlton Brothers, at \$.08; R. P. Andrews Paper Company, at \$.0745; Mathers-Lamm Paper Company, at \$.0925; and American Writing Paper Company, at \$.0875.

The following paper bids were opened today at the Government Printing Office:

2,000 pounds of lining paper for headbands, 23 in. rolls, basis of 24 x 36 in. (80); D. S. Walton Company at \$.0789; Mathers-Lamm Paper Company, at \$.0675; and George W. Millar & Co., at (a) \$.0725, (b) at \$.07.5

13,000 pounds (200 reams) of 24 x 38 in. (65) kraft wrapping paper: R. P. Andrews Paper Company at \$.0765; Mathers-Lamm Paper Company at \$.0675; Hartje Paper Company at \$.07225; George W. Miller & Co. at (a) \$.07, (b) at \$.075; Megargee-Hare Paper Company at \$.07; Maurice O'Meara Company at \$.065; D. S. Walton Company at \$.0666; Republic Bag & Paper Company at \$.0699, and Old Dominion Paper Company at \$.0694.

3,000 pounds (300 reams) of 17 x 28 in., No. 8, yellow writing paper: Megargee-Hare Paper Company at \$.144 per ream; Osburn Paper Company at \$1.58, and Central Ohio Paper Company at \$1.70.

5,100 pounds (25,000 sheets) of 21 x 31 in., 102 lbs., pink bristol board: Carter, Rice & Co. at \$.0548; American Writing Paper Company at \$.075; R. P. Andrews Paper Company at \$.09; Megargee-Hare Paper Company at \$.069; Maurice O'Meara Company at \$.059.

8,000 pounds (20,000 sheets) of 22½ x 28½ in., 200 lbs., manila
(Concluded on page 44.)



Tank Service Without Leaks

There are great differences in steel tanks.

It takes engineering knowledge and a good long experience in tank building to produce a tank that will give real satisfaction year in and year out.

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Working Capital Desired

A regularly incorporated company has invested \$100,000 in a plant for the production of a commodity of absolute vital importance to paper makers. This plant which is free from any incumbrance is situated in close proximity to the paper mills of New York and New England, and is the only one of its kind in the territory mentioned. We are now in shape to turn out a product equal to that formerly obtained from abroad; but now cut off by the war, and to make shipments in car load lots as desired.

War conditions have made it necessary for us to obtain a moderate amount of money for working capital on terms and for a length of time not conceded by banks. We therefore desire through this advertisement to get in touch with capital in the paper trade or directly or indirectly connected therewith, and invite correspondence from such and to whom we will be pleased to submit a proposition which we feel sure will be interesting and attractive. Banking and personal references of the very highest.

Address Box 965, care Paper Trade Journal.

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manufactured by us and used by the most progressive manufacturers shows that our efforts in studying and meeting the needs of the industry have received gratifying recognition.

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Daily Capacity, 90,000 Lbs.

DRYDEN TIMBER & POWER CO.
Limited
DRYDEN, ONTARIO

PAPER AWARD FOR PUBLIC PRINTER ANNOUNCED

(Concluded from page 42.)

cardboard: Maurice O'Meara Company at \$.06; Republic Bag & Paper Company at \$.0561; Carter, Rice & Co. at \$.06, and Wilkinson Brothers Company at \$.0549.

150,000 pounds (5,000 reams) of 22½ x 28½ in., No. 16, white wove M. F. tablet writing paper: O. H. Gore at \$.0785; American Writing Paper Company at \$.075; Maurice O'Meara Company at \$.087; R. P. Andrews Paper Company at \$.0648, and Megargee-Hare Paper Company at \$.0775.

500,000 pounds (625 rolls) of white M. F. printing paper in 38 in. rolls, basis of 25 x 38 in., 40 lbs.: United States Press Company at \$.06¼.

120,000 pounds (500,000 sheets) of No. 1, 22½ x 28½ in., 120 lbs., white bristol board: Old Dominion Paper Company at (a) \$.0994, (b) at \$.162 and (c) at \$.173; R. P. Andrews Paper Company at \$.0789; Carter, Rice & Co. at \$.0798; Maurice O'Meara Paper Company at \$.099; George W. Wheelwright Paper Company at (a) \$.11, (b) at \$.0825, and George W. Millar & Co. at \$.09.

5,100 pounds (25,000 sheets) of 21 x 31 in., 102 lbs., blue bristol board: Carter, Rice & Co. at \$.0545; Maurice O'Meara Company at \$.59; George W. Wheelwright Company at \$.0875; American Writing Paper Company at \$.07½; George W. Millar & Co. at \$.0975; Megargee-Hare Paper Company at \$.09, and Republic Bag & Paper Company at \$.07185.

Bids are to be opened on February 6 for the following paper:

270,000 pounds of white wove M. D. S. C. writing paper in 17 in. and 21 in. rolls.

36,000 pounds (3,000 reams) of green writing paper in 17 x 28 in., No. 8, and 22 x 34 in., No. 8.

The following bids were opened last week at the Government Printing Office:

80,000 pounds (40,000 sheets) of No. 2 quality binder's board, 26 x 30-in., No. 25; R. P. Andrews Paper Company, at \$54.60 per ton; Maurice O'Meara Company, at \$60.95; George W. Millar & Co., at \$64.00; C. L. La Boiteaux Company, at \$.0295 per pound; Monroe Binders Board Company, at \$.03; and Republic Bag & Paper Company, at \$.0303.

480,000 pounds (5,000 reams) of 38 x 48-in.—96, white S. & S. C. printing paper; Smith-Dixon Company, at \$.0574; and George W. Millar & Co., at \$.0755.

190,000 pounds (5,000 reams) of No. 1 white M. F. printing paper, 24 x 38-in.—38; Smith-Dixon Company, at \$.0574; George W. Millar & Co., at \$.073; and United States Press Company, at \$.06½.

40,000 pounds (100 rolls) of pink bristol board in 20¾-in. rolls, basis of 22½ x 28½-in.—100; Carter, Rice & Co., at \$.052; George W. Millar & Co., at (a) \$.14, (b) at \$.08; R. P. Andrews Paper Company, at \$.086; Megargee-Hare Paper Company, at \$.0625; Republic Bag & Paper Company, at \$.0702; Mathers-Lamm Paper Company, at \$.10½; Maurice O'Meara Company, at \$.0535; and American Writing Paper Company, at \$.10½.

15,750 pounds (45,000 sheets) of buff, pink and salmon index bristol board, 22½ by 28½-in.—175; Mathers-Lamm Paper Company, at (a) \$.12, (b) at \$.14125; Carter, Rice & Co., at (a) \$.12, (b) at \$.14; George W. Millar & Co., at (a) \$.12, (b) at \$.14; R. P. Andrews Paper Company, at (a) \$.1212, (b) at \$.142; and Megargee-Hare Paper Company, at \$.17.

The following paper bids were opened last week at the office here of the Panama Canal:

6,000 pounds of white unglazed onionskin paper in 17-in. rolls, basis of 17 x 22-in.—7¼; Esleek Manufacturing Company, at \$1,440.00; George W. Millar & Co., at \$2,130.00; Mathers-Lamm Paper Company, at (a) \$2,175.00, (b) at \$1,080.00; Old Dominion Paper Company, at (a) \$1,498.80, (b) at \$958.80.

600 reams of 17 x 22-in. No. 13 white bond paper; Alling &

Cory Company, at \$1,284.00; Dobler & Mudge Company, at \$1,794.00; George W. Millar & Co., at \$1,800.00; Mathers-Lamm Paper Company, at \$1,296.00; Maurice O'Meara Company, at \$1,500.00; Old Dominion Paper Company, at \$1,258.80; Smith-Dixon Company, at \$1,158.00; and Ward & Co., at \$1,440.00.

Awards by Government Printing Office

The following paper awards have been announced by the Government Printing Office:

Knowlton Brothers have been awarded the contract for furnishing 15,000 pounds of grauite cover paper, 20 x 25-in.—50, and 7,400 pounds of tea cover, 33 x 46-in.—148, at \$.079 per pound. The R. P. Andrews Paper Company will furnish 10,000 pounds (200 reams) of 20 x 25-in.—50, rough sage wove cover paper, at \$.08 per pound. Bids for these items were opened on January 18.

The Maurice O'Meara Company will furnish 7,000 pounds (100 reams) of 27 x 38-in.—70, kraft wrapping paper, at \$.061 per pound, and the R. P. Andrews Paper Company will furnish 100,000 pounds (100,000 sheets) of 26 x 38-in., No. 50 chip board, at \$34.00. Bids for these items were opened on January 2.

The following awards have been made on bids opened December 26:

20,000 pounds (50,000 sheets) of 22½ x 28½-in.—200, white china board will be furnished by the Champion Coated Paper Company, at \$26.50. The Republic Bag & Paper Company will furnish 40,000 pounds, in 20¾-in. rolls of gray bristol board, at \$.0555. The same firm will also furnish 40,000 pounds of green bristol board in 20¾-in. rolls, basis of 22½ x 28½-in.—100, at the same price.

Panama Canal Bids

Bids are to be opened here at the office of the Panama Canal on February 11 for the following paper items.

3,000 pounds of No. 16 pink printing bond paper in 17-in. rolls. 100 reams of 22 x 34-in., No. 24 canary laid writing paper.

2,500 pounds of bankers' safety paper in 17-in. rolls, and 16 reams of 17 x 28-in., No. 32, same.

800 pounds of yellow unglazed manifold tissue paper in 8½-in. rolls and same in 16-in. rolls.

200,000 3 x 5-in. index cards.

20 reams of 22½ x 28½-in.—90, white index bristol board.

200,000 3½ x 6½-in. plain tag manila containers.

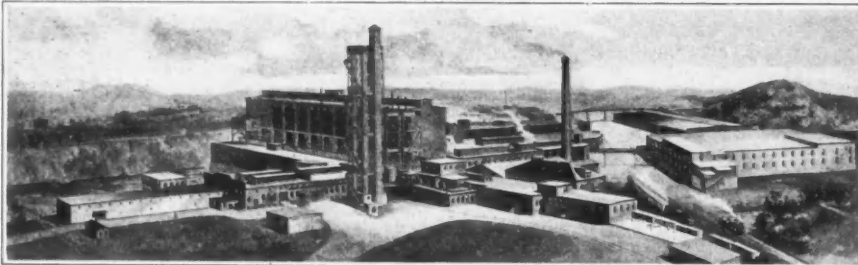
Automatic Tube Machine

The Dietz Machine Works is having excellent success with its Automatic Tube Machines for making wire-stitched toilet tubes and towel tubes. These machines are built in two styles, one for making the tubes from sheets of stock that must be cut to exact size for the tube to be made, and the other for making the tubes from the rolls of chipboard direct. While both machines make the same kind of toilet tube at the rate of 60 per minute, and are fully guaranteed for the work they have to perform, the one for making the tubes directly from the roll is considered quite an improvement over the sheet machine. This as the roll machine dies out its own form and only one width parent roll need be kept in stock, it being adjustable for cutting the size strip off that is required for the tube to be made. All the cutting charges incurred, therefore, in having the sheets cut to size for the sheet machines are saved, which amounts to considerable in the course of a year, even if attended to in the plant where used, as men can be employed doing other work. The machines are strongly built of the best material and workmanship throughout. The bearings are bronze-bushed, insuring longest possible life to the machines, and good, strong stitching head is used for stitching the cores. Additional information may be obtained from the Dietz Machine Works, 124-126 West Fontaine street, Philadelphia.

BROWN COMPANY

FORMERLY
Berlin Mills Company
Burgess Sulphite Fibre Company

GENERAL
OFFICE
PORTLAND,
MAINE
U.S.A.



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

The Riordon Pulp & Paper Company, Limited

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The experience of half a century in paper making and thirty years in sulphite making is behind every ton of the popular

Hawkesbury Easy Bleaching and Strong Merritton Bleached Sulphite

A production of 65,000 tons yearly enables us to promptly ship from stock spot orders, subject to car supply.



Ramsey Patent Grinder Valve

This illustration is of the Ramsey Patent Grinder Valve of which we are the sole manufacturers. This valve is made for use either

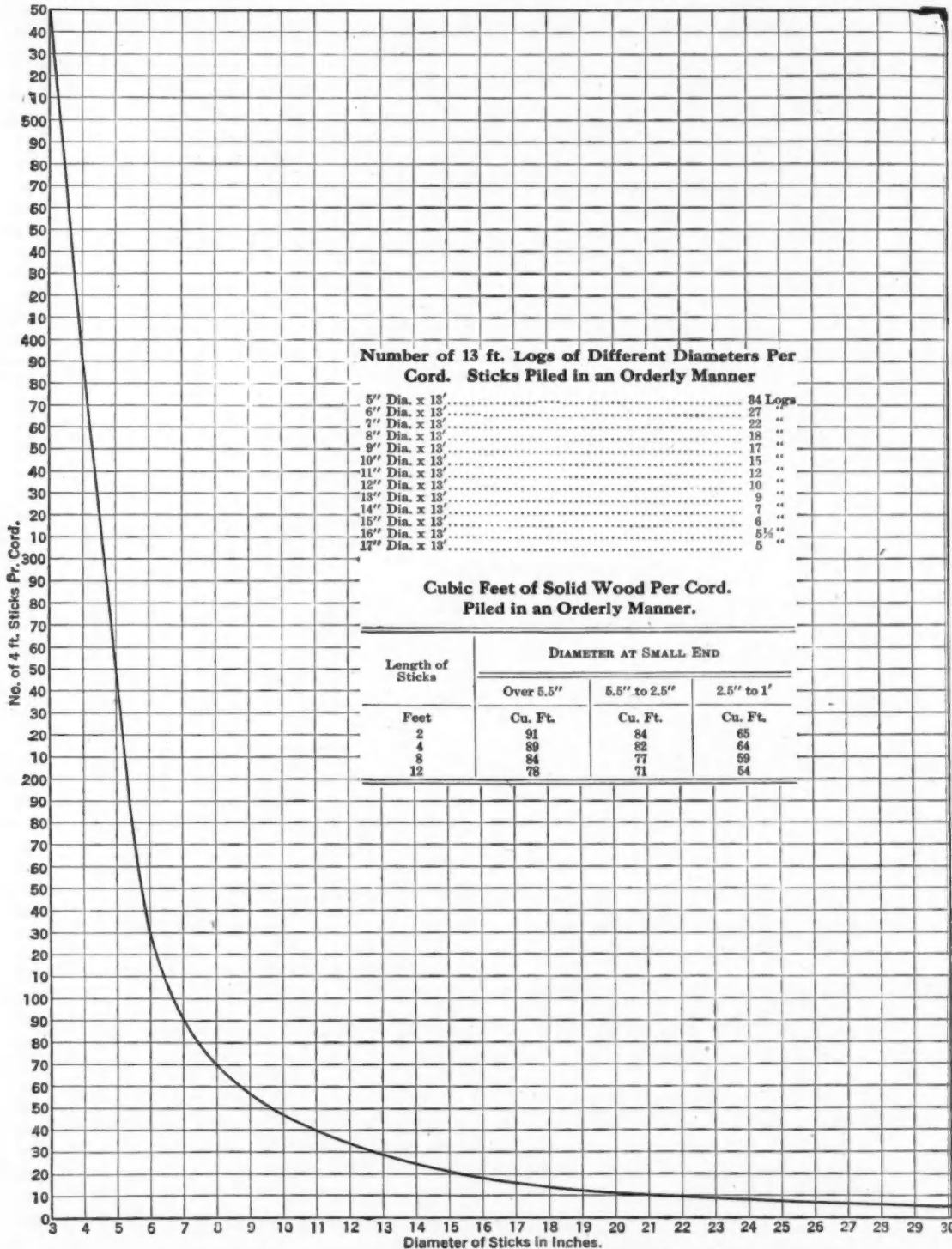
with single pressure on the cylinder or where two pressures are desired on the cylinder. It is a piston valve of such construction that it can be kept perfectly tight with comparatively no expense.

BAKER MANUFACTURING CORPORATION
Formerly **BAKER & SHEVLIN CO.** **Saratoga Springs, N. Y.**
Sole Manufacturers

Handy and Valuable Pulp Wood Chart

This chart, developed and copyrighted by the American Barking Drum Company, of Chicago, will be found of considerable technical value to pulp and paper makers.

cord? Find the "6" at the bottom of the chart and follow the vertical line upward until it crosses the curve. Opposite this point of intersection is the figure "130," which is the answer. That is, 130 sticks of 6-inch wood 4 feet long are required to make up an



The curve is based on actual measurements, made by the engineers of the company of 4-foot wood piled in an orderly manner. For example: How many sticks of 6-inch wood are there in a

average cord. As for the tables, they will be found useful for determining the number of 13-foot logs per cord and the cubic feet of wood per cord, wood in all instances being piled orderly.

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EXAMINATIONS, REPORTS, ESTIMATES OF COST, DESIGNS, SPECIFICATIONS, VALUATIONS.

The Paper Trade Journal's Want Column will get rid of that surplus material you have on hand.

Others have tried it with great success. Why not you?

IF WOODMANSHIP COUNTS

hire us to do your timber estimating and surveying.

JAMES W. SEWALL Old Town, Maine

THOMAS L. TOMLINES

CONSULTING ENGINEER

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Paper, Pulp and Fibre Mills, Hydraulic Developments, Hydro-Electric Plants

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require the personal attention of an experienced man. I don't send out a cruiser. I go myself.

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SODA AND SULPHATE
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ARTHUR D. LITTLE, Inc.

offers you the services of a competent staff and an Experimental Paper Mill for the solution of your paper problems. The mill equipment includes digesters, washers, beaters, Jordan and thirty-inch Fourdrinier and cylinder paper machine.

ARTHUR D. LITTLE, Inc.

Chemists and Engineers

30 CHARLES RIVER ROAD

At Kendall Square

Cambridge, Mass.

Want and For Sale Advertisements

HELP WANTED

WANTED—Experienced paper mill chemist. State reference, experience and salary. Address Box 1, care Paper Trade Journal.

WANTED—A Beaterman and also a millwright in a one machine mill in central New York making chip and wood boards. Steady work. Give references. Address Box 2, care Paper Trade Journal.

WANTED—Office assistant with practical knowledge of bookkeeping and familiar with details of purchase and sales accounting in paper trade. General office experience and executive ability. Apply to C. H. Clinton Paper Company, 1420 Chestnut St., Philadelphia, Pa.

ENGINEERING DRAFTSMAN—Wanted immediately for Canadian pulp mill located centrally, experienced man on sulphite and paper mills, hydro electric and steam plants, general layouts and mechanical equipment. State technical training and past experience, also age, nationality and salary expected. Interesting work, fine chance for advancement, permanent employment. Address Box 4, care Paper Trade Journal.

STEAM ENGINEER AND ELECTRICIAN—Wanted by a modern mill in New York State. A man capable of handling steam power plant (2,500 h. p.) and electric power plant (1,000 h. p.). Energetic and efficient technical graduate preferred. Address Box 5, care Paper Trade Journal.

WANTED—A high class draftsman, accustomed to handling drafting room squads. Must be familiar with pulp and paper mill operations and thoroughly competent to lay out mill buildings, equipment, machinery, etc. Address Hammermill Paper Co., Erie, Pa.

WANTED—Machine tenders on cylinder and fourdrinier machines running specialties, three tours. Only capable and reliable men need apply. Give age, references, experience and wages expected. Address District of Columbia Paper Mfg. Co., Washington, D. C.

WANTED—Experienced beatermen in mill making colored specialties. Applicants must be capable men of good character. Give age, references, experience and wages expected. Address District of Columbia Paper Mfg. Co., Washington, D. C.

MAN WANTED AS BOOKKEEPER AND COST ACCOUNTANT in two machine mill. Send copies of references, state experience and salary desired. Address Box 977, care Paper Trade Journal.

WANTED—Two machine tenders, two back tenders and three finishers in board mill in East. Address Box 978, care Paper Trade Journal.

HELP WANTED—Wanted capable machinist, experienced in running and adjusting automatic bag machines for position in Canada. Reply stating age, experience and salary expected. Address Box 979, care Paper Trade Journal.

WANTED AT ONCE—One machine tender, one back tender, one third hand, for slow running three cylinder machine. Two tours. Mill located near one of the large eastern cities. Good wages to the right men. Address The Nixon & Costello Co., White Hall, Md.

FOR SALE:—

One 136" Horne Fourdrinier
One 92" Dillon Single Cutter
One 124" Black-Clawson Cutter
and one thousand other items
for Paper Makers. Address:

The Shartle Brothers Machine Company
Middletown, Ohio.

HELP WANTED

WANTED—A competent beater engineer in a large book mill running on three shifts. State experience and give references. Address Box 981, care Paper Trade Journal.

MASTER MECHANIC WANTED to take charge large paper and pulp mill. High salary paid to right man. Enclose references stating experience to Box 984, care Paper Trade Journal.

HELP WANTED—Machine tender with at least three years' experience on straw paper for corrugating. High wages and steady work. Address Box 914, care Paper Trade Journal.

WANTED—Night foreman, experienced in manufacture of straw paper for corrugating. Good wages and opportunity for advancement. Address Box 915, care Paper Trade Journal.

WANTED—For new sulphite mill Green Bay Barker operators, electricians, cooks, machine tenders. Highest wages, comfortable quarters. Apply to Box 966, care Paper Trade Journal.

STOREKEEPER FOR LARGE PULP MILL WANTED IMMEDIATELY. Give full details experience. Apply to Box 967, care Paper Trade Journal.

WANTED—Young man with engineering education. Work in drafting room on paper mill machinery, with opportunity for advancement as traveling salesman. Address Dilts Machine Works, Inc., Fulton, New York.

WANTED—9 machine tenders, 6 beatermen for roofing paper mill in middle west. Three tours. State experience and wages wanted. Address Box 969, care Paper Trade Journal.

WANTED—A Beaterman in board mill located in central west. Must be sober man and well versed in colors. We pay the best wages and expect the best men. Address Box 963, care Paper Trade Journal.

WANTED—First class millwright for paper mill. Must be reliable, steady work, good salary. Address Box 950, care Paper Trade Journal.

WANTED—First class man in finishing department for tying up paper. Must be sober and steady, good wages for steady man. Mill located near large city. Address Box 951, care Paper Trade Journal.

WANTED—Competent engineer and draughtsman to act as assistant to resident engineer in large paper mill in west. Must have knowledge of paper industry, building construction, surveying and hydraulic work. Canadian citizen exempt under military service act preferred. Address Box 956, care Paper Trade Journal.

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

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

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

WANTED—Experienced toilet paper salesman to represent manufacturer in large cities. Commission basis. Address Box 11, care Paper Trade Journal.

SITUATIONS WANTED

WANTED POSITION AS SUPERINTENDENT—Fifteen years' experience on all grades of tissues, toilet, colors, caro fruit wrapps and waxing, also board and wrapping. Age 40, can furnish best of references. Strictly sober. Address Box 6, care Paper Trade Journal.

(Continued on page 49.)

FOR SALE

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

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

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

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

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

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

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

JORDANS—4 Jordan Refining Engines.

FANS—5 48" Perkins, 1 7' Horizontal.

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

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

2 Shredders.

2 7' x 25' Rotary Boilers.

2 Kollergangs with stones.

2 Centrifugal, 2 Wandel Screens.

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

1 Filter Press.

4 Water Wheels.

1 Lombard Governor.

12 Three Pocket Grinders.

2 Trombley & Paul Sulphur Burners.

FRANK H. DAVIS

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

FOR SALE

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

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

COATER—One 43" double Waldron coater.

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

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

DRIVES—One Moore & White No. 9 A.

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

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

JORDANS—Emerson & Horne type Jordans.

MACHINES—One 72", 2 cylinder machine.

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

ROTARIES—About ten horizontal rotaries; three Globe rotaries.

SCREEN—One Wandel screen.

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

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

Mills Machine Company

LAWRENCE, MASS.

(Continued from page 48.)

SITUATIONS WANTED

MANAGER AND FINANCIAL EXECUTIVE OF LARGE MILL IN EAST WISHES POSITION of responsibility in New York City. Address Box 7, care Paper Trade Journal.

MARRIED MAN, 36 years of age, at present employed as sales and office manager, held same position for twelve years, satisfactory reasons for wishing to change. Will be in New York City from Feb. 5 to 8. Address Box 8, care Paper Trade Journal.

PRACTICAL PAPER MILL SUPERINTENDENT now employed wishes to make change, experienced on nearly all grades of papers and familiar with manufacturing of ground wood and sulphite. References from previous employers and satisfactory reasons given for changing. Address Box 9, care Paper Trade Journal.

SALESMAN WITH AN ESTABLISHED TRADE wants to become an active partner in a high class paper house. Address Box 10, care Paper Trade Journal.

SUPERINTENDENT WISHING TO MAKE A CHANGE. Many years' experience in making most all grades of paper and colors. Best of references as to ability and character. Address Box 15, care Paper Trade Journal.

MECHANICAL ENGINEER with 14 years' shop and office experience in pulp and paper mills, paper machinery design, and general machinery work. At present holding a responsible position with a paper machinery concern. Address Box 12, care Paper Trade Journal.

I WISH TO MAKE A CONNECTION with a good toilet paper line, wrapping, also will entertain a good bag line. Will be at liberty Feb. 15 to 18. I have had five years' experience calling on the wholesale grocery and paper trade in the following territory: Wisconsin, Minnesota, Iowa, Northern Illinois and North Central Michigan. The best of references can be given. Address Box 13, care Paper Trade Journal.

WANTED—Position as superintendent or assistant in board or cylinder machine mill. Thoroughly competent, 18 years' experience. For past 6 years in charge pulp mill and wet machines making specialties. Address Box 14, care Paper Trade Journal.

SUPERINTENDENT NOW EMPLOYED WISHES TO MAKE A CHANGE. 25 years' experience making boards, ledgers, writings and colored specialties. 7 years as superintendent. Good references. Address Box 987, care Paper Trade Journal.

FIRST CLASS CYLINDER MACHINE TENDER WANTS POSITION. First class on all kinds boards, test and container boards. Can give best references. Address Box 998, care Paper Trade Journal.

WANTED—Position as traffic manager. Fifteen years' experience on all kinds of freight, also export and import work. Address Box 989, care Paper Trade Journal.

A YOUNG SULPHATE PULP SUPERINTENDENT wishes to make a change. Technically educated, with 8 years' good practical mill experience. Married. Address Box 991, care Paper Trade Journal.

FIRST CLASS MECHANICAL MAN with wide experience in maintenance and construction work in paper and pulp mills, desires responsible position in large paper or pulp plant. Best references. Address Box 972, care Paper Trade Journal.

PAPER MAKER WITH TECHNICAL AND CHEMICAL TRAINING and wide experience in the manufacture of writing, bond, manifold, onion skin, greaseproof, tissue and other specialties desires position. Has also some experience in coating, creping and water color printing. Address Box 973, care Paper Trade Journal.

COMPETENT, STEADY AND RELIABLE FOREMAN would like to change position. First class experience in finishing and calender room, including all machinery and thoroughly understand the upkeep of same. Know how to get best results from help, both raw stock and coated papers. Would consider position any part or full charge. Address Box 974, care Paper Trade Journal.

SUPERINTENDENT, experienced sulphite pulp and coarse paper maker wants position. Thorough practical and some technical training, mechanical ability. Married. A 1 references. Address Box 975, care Paper Trade Journal.

SITUATIONS WANTED

SUPERINTENDENT DESIRES TO MAKE A CHANGE. Experience on all grades of paper. Results guaranteed up to date. Practical man. Address Box 976, care Paper Trade Journal.

SUPERINTENDENT WHO HAS 25 YEARS' EXPERIENCE in running mills making book, news, kraft, all grades of manillas, rope stock, tissue, waxing papers, greaseproof and colored papers on cylinder, fourdrinier, harper, combination and clutch tissue machines. Can give references and records. Address Box 988, care Paper Trade Journal.

AN EXPERIENCED BOSS MACHINE TENDER OR NIGHT BOSS OPEN FOR POSITION. Well used to straw and test container boards and coloring. Address Box 986, care Paper Trade Journal.

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

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

MISCELLANEOUS

FOR SALE—Binder's Board Mill with forty acres of land and six dwelling houses. Factory thoroughly equipped with machinery and now running. Splendid water power and side track. Also another binder's board mill which I will dismantle. Size of machine seventy-two inches. Also a star cutter. Everything up to date. Address James Gaskell, 1 Rivington St., New York.

FOR SALE—One cylinder mold 76" face by 30" diameter. New bearing metal bushings, copper winding wire, ready for covering. Address Clark Mfg. Co., 79 Merrick Ave., Holyoke, Mass.

WANTED—One fourdrinier or Harper part, 68 inches to 72 inches wide, for forty to fifty foot wire complete. One pair cone step pulleys and bearings with seven or eight steps, steps wide enough to carry 8-inch belt. One 6" x 8" three plunger stock pump. One Sheehan paper carrier (Bagley & Sewall). One top frame and rail complete with rolls and roller carriers. One dryer felt stretch. Give full particulars what you could furnish and its condition, on any of the above. Where located, and how soon you could ship. Quote lowest price, cash. Address Box 995, care Paper Trade Journal.

WANTED—Second hand layboy in good condition to fit a 55" Clark sheet cutter. Address Box 961, care Paper Trade Journal.

PAPER BAGS

Wanted by a manufacturer, Brooklyn, New York, experienced man to demonstrate

Paper Bag and Envelope Machines

Address Box 3, care Paper Trade Journal.

FOR SALE

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

CALIPER .230 to .330.

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

Ready for Immediate Delivery

4 Slightly used Lockport Bag Machines, making bags from 2 ounces to 35 pounds.

Also an Open End Envelope Machine, ranges from 4x2½ to 8x12, with Flap Gumming Attachment.

Reason for selling. Owners going into other line of business.

Apply Box 997, care Paper Trade Journal.

FOR SALE

One Hoffman Imported Kollergang. Two Union Machine Company Kollergangs, both complete with drive shafts.

One 84" Mills Wet Machine. One 1,800-lb. Dayton Globe & Iron Co., Iron Beater, complete except bottoms.

Two J. H. Horne & Sons Company's Jordan Engine.

For information, address
Kingsport Pulp Corporation,
Kingsport, Tennessee

PICKQUICK

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The Best

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ROLL
in the
U. S.

Write us for samples and prices.

Salesman Wanted.
THE H. NORWOOD EWING CO.
Woolworth Bldg. New York

FOR SALE

**Waldron Calico Printing Machine
Waldron Dutch Winding Machine**

Used very little. In good condition. Can be seen running on premises of

Charles W. Rider & Co.

104-106 Wooster St.
NEW YORK CITY

CANADIAN PAPER MAKERS OBJECT TO PRICE OF \$2.85

(Continued from page 10.)

the industry to a permanent footing on a large scale, especially by growing a special crop to supply raw material. The Acting Premier of New South Wales states that experiments are being conducted in the manufacture of paper and that they have been eminently satisfactory up to the present.

The Annual Association Meeting

Great interest is being taken in the annual meeting of the Canadian Pulp & Paper Association to take place in Montreal in the latter part of the present week. The programme of the technical section has already been reported in these columns. At the annual dinner, to follow the business meetings, the toasts will be as follows: "Our Country," proposed by the President and replied to by J. N. Greenshields; "Our Guests," proposed by George Carruthers and replied to by a guest yet to be chosen; and "The Pulp and Paper Industry," proposed by George H. Montgomery and replied to by George H. Meade. The largest gathering in the history of the association is expected.

Price Bros. Announce Bonus

Price Bros., Ltd., have announced a bonus of 2 per cent., supplementing the regular 6 per cent. dividend announced in September. In the fiscal year ending February 28, 1917, the company earned 16.1 per cent. on its common shares, and the 6 per cent. paid out was conservative, in view of its good financial position.

North American Gives up News Print

The North American Pulp & Paper Corporation is not particularly enamored with the position and outlook of the news print industry. J. E. A. Dubuc has just announced that never again will the company enter the news print field. In confirming the report of the sale by the company of the Tidewater mill to the New York Times, he said the company was now definitely out of the news print field because it did not want to be connected with a business which the publishers were allowed to run. "We have the greatest respect for the publishers in their own line," he said, "but not for telling us how to operate a news print mill." Mr. Dubuc further stated that his company was now limited to the Canadian field with four pulp mills, and implied that in the future there would be no attempt to add any United States connections. The pulp mills have all they can do at present to supply the demand from the United States. At present, owing to the difficulty of securing transportation, little is sent overseas, but Mr. Dubuc believes that as soon as normal conditions return there will be a big export market for pulp. Speaking of the financial condition of the company, he said that for the first nine months of the company's year there had been a surplus of \$1,000,000 as compared with a deficit of \$300,000 for the corresponding period of the previous year. There is indication that the remaining three months

will be just as favorable. In the year 1916 there was a net loss of \$234,366 and a net deficit of \$312,412, with no dividends, so that the full returns for the year 1917 would work out a large surplus, and enable a payment to be made on the stock, although this is not anticipated at this stage.

Waste Paper Drops in Price

A good deal of the enthusiasm has dropped out of the campaign for the collection of waste paper, owing to a slump in the price from 30 to 50 cents per hundred down to from 10 to 20 cents. The dealers say that this is owing to a marked falling off in the use of pasteboard boxes and cardboard. The chief agency for conserving waste paper has been the big woman's organization known as the Daughters of the Empire, which has been carrying on house to house collections in many towns and cities, and also collecting paper by means of boxes on the streets. During 1917 they collected paper valued at \$100,000.

Open American Office

An office at 501 Fifth avenue, New York, has been opened by Process Engineers, Ltd., of Montreal, who control the Erfurt-DeCew size-making process and represent several well-known pulp and paper mill equipment concerns.

New Charter

The Cross Press & Sign Company, of Montreal, has been granted a charter, with a capital stock of \$30,000, to manufacture and deal in all kinds of signs, posters and advertising matter.

Forestry Meetings in Montréal

Important forestry meetings are to be held in Montreal in the first week in February. On Tuesday, February 5, the annual meeting of the Canadian Lumbermen's Association will be held in the Windsor Hotel. The next day the annual meeting of the Canadian Forestry Association will be held in the same place, when R. A. Pringle, K. C., the paper controller, will give an address. A discussion on wood fuel as a means of offsetting the coal shortage will take place. On Wednesday the Woodlands Section of the Canadian Pulp & Paper Association will have its first public meeting, and on Friday, February 8, there will be a special session of the Quebec Forest Protective Association, to deal particularly with fire problems and allied topics. This meeting will be the most comprehensive one yet held in Canada in connection with forest problems, and all kinds of exhibits, as well as moving pictures, are being arranged. Representatives will be present from the provincial governments of Quebec, Ontario and New Brunswick, from the United States Forestry Service, from the States of Maine and Michigan, and from the four forest protective associations of the Province of Quebec.

Job Lots, Rejections, Side Rolls Wanted

SPOT CASH paid for jobs in bond paper, white or colors, any grade that will cut down to 11 x 17, any weight. Send samples, with lowest spot cash prices. No lot too small, and none too large.

MIDWEST PAPER CO., 732 Federal St., Chicago, Ill.

PAUL C. ZÜHLKE

320 BROADWAY

EXPORT

NEW YORK, N. Y.

PAPER STOCK
PACKERS OF ALL GRADES

Mendelson Bros. Paper Stock Co.
900 Michigan Blvd. Chicago, Ill.

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

Directory

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

Architects and Engineers.

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

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

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

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

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

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

Bale Ties.

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

Boards.

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

Metal Skylights and Ventilators

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

Patent Attorneys.

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

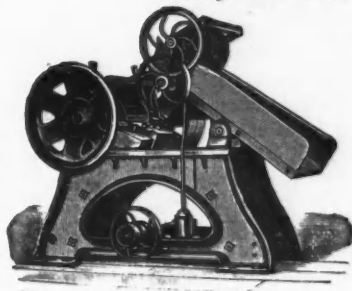
Rags, Paper Stock, etc.

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

H. C. CLARK & SON MACHINE CO.

Manufacturers of Paper Mill Machinery.

LEE, MASS.



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

BOYLE, LUKE, 390 West Broadway, New York.

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

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

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

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

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

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

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

LIBMANN, JOSEPH, & CO., 174, 176 and 178 Hudson Street, New York

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

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

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

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

SIMMON'S, JOHN, SONS, Paper and Paper Stock. 28 and 30 South Marshall Street (formerly Decatur Street), Philadelphia, Pa.

Special Machinery.

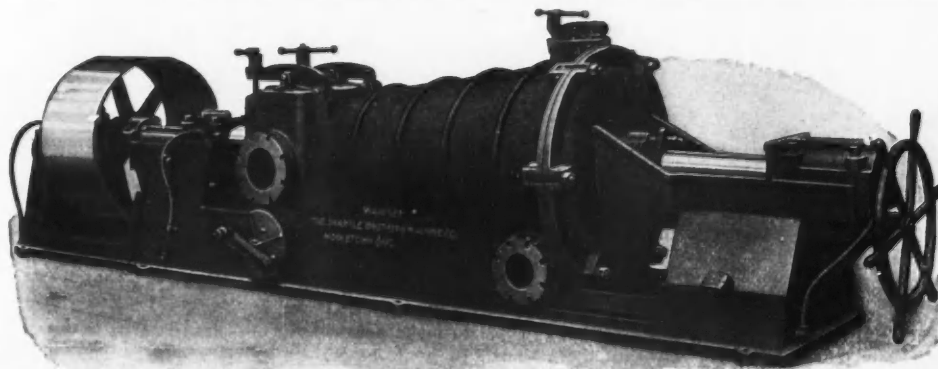
DIETZ MACHINE WORKS, experienced builders of special machinery with well equipped modern shop, can quote low prices in machine building. Send drawings, 126-128 West Fontaine Street, Philadelphia, Pa.

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

Straw Pulp.

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

A Trial Advertisement in the Paper Trade Journal will convince you of its merits :: Let us send you rates



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

New York Market Review

Office of the PAPER TRADE JOURNAL,
WEDNESDAY, JANUARY 30, 1918.

The beginning of this week saw the coming of the second fuel-less Monday under the Garfield fuel régime with practically all mills, even those making news print, closed down completely.

Undoubtedly the market has gained strength from the closing edict. The situation, which of course takes thousand of tons of production from the market, can have no other effect than taking in the slack of the market. But in this connection it should also be remembered that the paper industry is not the only one shut down, but that other industries are not going full blast and consuming paper. Rather it is that some sort of a balance is struck in both production and demand, with the production falling off in a slightly higher proportion than the demand.

Another feature of interest in connection with the railroad situation is the embargo on all eastern freight consignments over the Pennsylvania lines, east of Pittsburgh; the Baltimore & Ohio, east of the Ohio River; and the Philadelphia & Reading Railroad. This embargo was described as temporary. Jobbers' stocks are not in such a state as to be able to provide for the demand which will come from eastern cities should a formidable embargo be declared on eastern points covering shipments from the mills. It is said most jobbers' stocks are on the verge of exhaustion and that the mills are shipping direct now.

In news the raising of newspaper prices to two cents by the metropolitan papers, which is in line with the action taken by papers in other cities, will, according to authorities in the trade, be a factor in curtailing the consumption of print paper. Another factor of considerable import is that of shrinkage in advertising figures of the newspapers which, according to their trade organs, is alarming. Should the advertising space used grow less, the size of the newspapers will, of course, be modified accordingly.

The book paper market is said to warrant the running of the mills at quite a busy pace. Machine-finish paper is now quoted at 6.25@7 in large lots.

Tissues are on their way back to a good demand. There was a time in the beginning of this winter when tissues were so quiet that they "could not be given away" and when jobbers' prices were considerably below mill quotations on every ream. But a better tone it appears is making itself felt.

Board prices have been revised upward. The greatest difficulty is being experienced, according to the local trade, in making rail deliveries to consumers. The general tone of the market is considerably better, however, largely because of the fuel order, which prohibits the operation of board mill from 7 a. m. Saturday to 7 a. m. of the following Monday. News board is now quoted f. o. b. New York at \$55@60 per ton, with straw at \$50 and chip at \$55. Wood pulp board is quoted at \$85. These quotations are nominal to some degree because of the fact that many mills have withdrawn figures.

Mechanical Pulp

It was reported that grinding mills using water power continued their operations during the enforced period of idleness for the other mills. So it would appear that grinding of pulp wood into wood pulp has not been materially restricted, except in the cases of those mills using steam or electricity as their motive power.

The news print mills which have been buying factors in the present market, because of the enforced shutdown over this last Monday and the Mondays to come, are reducing their commitments somewhat.

The general tone of the market for many reasons is considered good, with the price levels firm and the outlook changed now from a downward to an upward swing.

The average price is still about \$32 f. o. b. grinding mill, with the range about \$30@34 at the mill.

Chemical Pulp

Kraft pulp continues strong.

It is by far the strongest variety in the present market. Delivered kraft (domestic) is quoted unchanged at \$80@85 per ton.

It is an interesting fact that figures of the Canadian Customs Department for the last available month that the exports of chemical pulp to the United States indicate an increase of about 82,000 cwt. over the previous month; figures being: 567,573 cwt., and for the month before, 485,531 cwt. Shipments of Canadian fibre seem to be on the increase, during the months of December and the present month also, judging from information obtainable in local circles.

As noted in last week's issue, the exchange rate has been against Canada ruling at a premium at Montreal of about 1½%. This will be to the benefit of American importers of pulp and the publishers of American newspapers who have contracts with Canadian news print concerns. It has been urged that the United States make a loan to Canada in order to help the "Sister of the Snows" from her awkward exchange situation.

Domestic Rags

It would appear that the rag market is regaining strength. The government demand for new rags has proved to be a vital factor in the turn the market has taken.

The upward tendency in some grades has continued. Some grades are very hard to secure, as for instance white shirt cuttings. Shirt cuttings to the mills, when they are obtainable, are quoted in the neighborhood of 11@11¼.

Roofing continues strong. The first grade of roofing is held at 2.00@2.15, with some dealers quoting prices a trifle lower.

Old Rope

The market continues rather dull, with an inactive demand. Business continues of small proportions. The prevailing quotation for old manila rope is about 4¼ cents for the domestic, with the foreign grade rather scarce, but being nominally quoted at the same figure.

Paper Stock

There seems to have been very little change in the status of the market in waste papers during the past week. The demand from the mills is very dull, with the lower grades still the only grades called for.

The general tone was weak.

Some improvement in the car situation was reported by several in the local trade.

Hard white shavings are quoted at 3.65@3.75.

"Dry Broke"

"Dry Broke" is the name of an interesting little paper, the first number of which has just been issued by and for the employees of the Crown Willamette Paper Company, of California, Oregon and Washington. The editor prints the following interesting foreword:

"This is the initial edition of what we hope may prove to be a regular publication; in fact, what is sure to be regular if the employees of the Crown Willamette Paper Company want it to be. It is intended to promote the welfare of the working man; to aid him in the prevention of accidents not only to himself, but to his fellow workers, and by all fair means to bring the employee and employer closer together in the life work of the world, for we are each but one small cog in the wheel. It takes all kinds of people to make a world and we are all of us but some of those kinds. It should be our aim to be among the best kinds and to this end this publication is dedicated."

IMPORTANT

The paper quotations presented herewith are more or less nominal as many of the mills have withdrawn quotations, due to unusual conditions.

Market Quotations

NEW YORK Trade Securities

Bids and asked quotations of securities listed on the Stock Exchange of companies engaged in the manufacture of paper as reported on January 30, 1918, follow:

Table with columns for company name, bid price, and asked price. Includes American Writing Paper Company, International Paper Company, etc.

Table for Paper section with columns for Bond, Ledgers, Writing, etc.

Table for Domestic Rags section with columns for Kraft (Domestic), Soda Bleached, etc.

Table for Domestic Rags section with columns for Prices to Mill, Shirt Cuttings, etc.

Table for Domestic Rags section with columns for Cottons according to grades, New Blue, etc.

Table for Domestic Rags section with columns for Manila, Fibre Papers, etc.

Table for Mechanical Pulp section with columns for No. 1 f. o. b. Pulp Mill, Average price \$32, etc.

Table for Chemical Pulp section with columns for Sulphite (Foreign), Bleached, etc.

Table for Bagging section with columns for Prices to Mill, Gunny No. 1, etc.

Table for Twines section with columns for India, Dark, Light, etc.

Table for Paper section with columns for Bonds, Ledgers, Writing, etc.

Table for Manila Rope section with columns for No. 2, Manila Rope, etc.

Table for Old Waste Papers section with columns for Shavings, Flat Stock, etc.

CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Table for Paper section with columns for Bonds, Ledgers, Writing, etc.

Table for Manila section with columns for No. 1 Manila, No. 2 Manila, etc.

PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Table for Paper section with columns for Bonds, Ledgers, Writing, etc.

Table for Bagging section with columns for Gunny No. 1, Foreign, etc.

Table for Old Papers section with columns for Shavings, No. 1 Hard White, etc.

(Continued on page 56.)

Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS
FOR THE WEEK ENDING JAN. 28, 1918.

NEW YORK IMPORTS

FOR THE WEEK ENDING JAN. 28, 1918.

Rags
International Purchasing Company, Bristol, 157
coils old rope.

EXPORTS

DECEMBER 1-20, 1917.

WOOD PULP.

	Tons.	
Spain	25	\$2,500
Argentina	556	59,450
Mexico	24	3,105
Italy	333	52,346
England	51	8,764
Brazil	142	11,029

PAPER STOCK.

	Pounds.	
Dutch East Indies	593,600	\$12,000

PAPER BAGS.

British West Indies	\$3,751
Panama	3,272
Cuba	23,567
San Domingo	1,756
British South Africa	11,114
Colombia	220
Costa Rica	153
Mexico	354
Danish West Indies	162
Chile	1,364
Portuguese Africa	289
Argentina	53
Honduras	159
Newfoundland	363
Haiti	179
Peru	730
Iceland	579
Bolivia	61

BOXES AND CARTONS.

Salvador	\$138
Brazil	148
Australia	4,522
Mexico	427
Brazil	152
British West Indies	64
Colombia	385
Guatemala	51
Cuba	3,642
Chile	2,200
Argentina	65
Peru	134
Panama	1,671
San Domingo	423

CARBON PAPER.

Australia	\$772
Mexico	751
Cuba	967
Brazil	71
Peru	358
France	9,285
Newfoundland	185
San Domingo	158
Chile	1,940
Dutch East Indies	684
Panama	300
Trinidad	177
Argentina	1,356
Ecuador	89
British South Africa	349

CASH REGISTER PAPER.

Italy	\$10,723
Panama	142
Dutch East Indies	555

PAPER BOARD.

France	\$3,700
Honduras	50
Mexico	2,528
Haiti	91
Brazil	355
Ecuador	184
Dutch East Indies	792
Jamaica	3,237
New Zealand	35
Costa Rica	65
Panama	357
Newfoundland	139
San Domingo	345
Chile	3,263
Uruguay	1,811
British South Africa	310
Peru	3,313
Guatemala	98
Salvador	129
Cuba	13,331
Argentina	12,436
Colombia	89
Venezuela	387
England	1,002

Australia	1,212
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PAPER HANGINGS.

Salvador	\$55
Chile	3,370
Danish West Indies	446
French West Indies	65
Cuba	511
British Guiana	53
Colombia	102
Peru	1,637
Argentina	2,332
British South Africa	180
Venezuela	586
Australia	320

WAX PAPER.

Argentina	\$1,700
Australia	275
Jamaica	849
Cuba	1,003

NEWS PRINT PAPER.

	Pounds.	
France	1,343,525	\$50,484
Greece	48,520	2,389
Panama	50,821	2,255
Mexico	172,750	7,601
Trinidad	30,228	1,179
San Domingo	31,655	1,552
Brazil	87,646	6,273
Colombia	101,073	5,783
Peru	136,992	5,222
Venezuela	37,425	1,869
British South Africa	91,403	915
Iceland	6,095	304
England	210,533	13,927
Guatemala	23,685	1,080
Jamaica	120,527	3,978
Cuba	302,955	10,877
Argentina	7,280,586	293,526
Chile	116,704	47,348
Ecuador	11,940	519
Uruguay	491,866	20,945
Australia	324,487	15,893

OTHER PRINTING PAPER.

	Pounds.	
Greece	8,540	\$525
Guatemala	2,862	370
Salvador	2,408	189
San Domingo	16,675	1,688
Peru	31,643	3,864
Australia	420,948	33,874
Uruguay	37,998	3,693
England	126,801	9,678
Mexico	561,817	44,617
Cuba	237,700	24,656
Argentina	892,482	70,067
Chile	131,361	12,277
Ecuador	3,149	316
Costa Rica	1,950	283
Honduras	30,971	320
Danish West Indies	925	156
British Guiana	6,683	558
Venezuela	9,109	499
British South Africa	54,449	5,065
New Zealand	18,803	1,645
Panama	556	74
British West Indies	4,881	761
Haiti	1,537	124
Brazil	177,349	14,963
Colombia	24,390	2,310

WRAPPING PAPER.

Italy	\$4,798
French West Indies	17,215
France	93,000
Bermuda	7,538
Honduras	3,980
Salvador	3,312
Newfoundland	6,612
Trinidad	16,606
Danish West Indies	2,232
San Domingo	42,733
Brazil	26,866
Colombia	23,089
British Guiana	10,529
Venezuela	14,401
British South Africa	13,813
British West Indies	45,763
Bolivia	3,477
England	280,129
Costa Rica	12,002
Panama	6,037
Mexico	64,341
Barbados	850
Cuba	422,422
Haiti	17,173
Argentina	57,985
Chile	26,142
Ecuador	4,029
Peru	75,653
Australia	161,023

TISSUE AND TOILET PAPER.

Nicaragua	\$485
Chile	3,257

Costa Rica	81
Panama	6,117
San Domingo	216
British Guiana	49
British South Africa	1,247
Danish West Indies	45
Colombia	480
Honduras	45
Mexico	2,915
Argentina	5,922
Peru	446
Bolivia	49
Uruguay	2,116
British West Indies	110
Cuba	4,481
Brazil	1,119
Venezuela	495

PAPER TOWELS.

Guatemala	\$51
Cuba	1,534
Chile	249
Venezuela	121
Panama	148
San Domingo	48
Colombia	84
British South Africa	121
Nicaragua	62
Bolivia	47
Peru	190

WRITING PAPER.

France	\$1,488
Costa Rica	758
Nicaragua	747
Mexico	14,770
British West Indies	442
French West Indies	88
Argentina	19,349
Canada	82
India	45
Colombia	3,797
Peru	7,271
Dutch East Indies	4,156
British South Africa	22,867
Spain	271
Guatemala	1,701
Panama	2,918
Newfoundland	293
Cuba	28,214
Haiti	1,421
Italy	3,659
Barbados	404
Brazil	21,024
Ecuador	1,475
Uruguay	11,229
Australia	23,093
Bermuda	220
Honduras	1,523
Salvador	315
Trinidad	835
Danish West Indies	204
San Domingo	3,475
England	10,478
Jamaica	1,976
Chile	17,575
British Guiana	1,100
Venezuela	12,202
New Zealand	1,025

OTHER PAPER.

Norway	\$200
Salvador	178
Newfoundland	124
Dutch Guiana	120
Spain	74
Bermuda	389
Panama	2,180
Cuba	13,704
San Domingo	748
Chile	6,087
Uruguay	942
Australia	8,180
British Honduras	51
Trinidad	478
British West Indies	257
Dutch East Indies	3,142
England	3,678
Costa Rica	1,103
Mexico	3,955
French West Indies	182
Argentina	11,896
Colombia	1,489
Venezuela	1,018
New Zealand	897
Guatemala	284
Ecuador	514
British Guiana	291
France	1,853
Ireland	900
Honduras	1,633
Jamaica	3,476
Haiti	150
Brazil	4,869
Peru	3,305
Japan	9,255
British South Africa	784

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**BRASS WIRE CLOTH, BRASS SCREEN PLATE, SCRAP BRASS,
PAPER MILL FELT, BAGGING & BURLAP BAILING,
SECOND-HAND BAGS.**

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(INCORPORATED)
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French Caseine**
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Sizing, Sulphite
and Soda Pulp**

200 FIFTH AVE., NEW YORK

CASTLE, GOTTHEIL & OVERTON

Miscellaneous Markets

Office of the PAPER TRADE JOURNAL,
WEDNESDAY, JANUARY 30, 1918.

The market in paper-making chemicals continued rather quiet during the past week. Many products were notably unchanged over last week. Caustic soda had a period of buying and stiffened somewhat.

ALUM.—Second hands are the factors in the present market and are asking somewhat higher prices. A shortage is being forecast in some circles. Manufacturers continue restricted in their output. Chrome ammonia alum continues at 18@19c. per pound, with lump ammonia at 4.50@5c. per pound. Lump potash is being offered at 9@9.50c. per pound.

BLEACHING POWDER.—Higher-level prices are fairly firm. Manufacturers continue out of the market, but some quotations from these sources are given at 2.50c. per pound. Spot prices of dealers range from 2.12@3c. per pound. Immediate shipment export drums have been offered at 3c.

BRIMSTONE.—The spot market is more or less nominal, because of the inability of the company to ship to consumers other than those designated by the Government. New business is not being taken by the companies with any great zeal. Old contracts are being fulfilled as conditions permit. Nominal prices for spot are \$35@40 per long ton.

CASEIN.—The range for this product continued 17@18.50c. per pound. The demand continues of restricted proportions, as is also the case with production. There is practically no Argentine casein coming in now, as this time of the year is the non-producing season in that country. French casein is, of course, very scarce, and brings prices somewhat higher than those given above.

CAUSTIC SODA.—There has been somewhat of a stiffening imparted to the general tone of the market in this product. Low levels were reached that proved attractive to consumers and an increase in demand resulted. The 76 per cent. product is being quoted at 6c. per pound.

CHINA CLAY.—The market is much the same, as conditions have changed very little. The prospect of an increased demand from the coating mills because of a greater demand for coated papers is being talked of. Price changes have not been made and they hold as of last week.

SODA ASH.—The market in this product continued to become firmer. In bags the light 58 per cent. test is quoted at 3c. per pound, in barrels at 3.10c. per pound. The quotation for the dense product is given at 3.25c. per pound in bags.

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

SULPHATE OF ALUMINA.—The market in this product continues rather quiet, with a fair demand. Spot supplies are good. The higher grade, or iron free, is quoted at 3@3.25c. per pound.

TALC.—A fair demand continues in the present market. The traffic situation imposes severe restrictions, however, upon the removal of the talc from the mines to consumers. Prices are unchanged.

Use of Wood Pulp in Germany for Garments

The trade will be interested in the following extract from an official Government report relative to the use of wood pulp in Germany for garments:

"I was particularly interested in what Mrs. M. told me in regard to fabrics now being woven from wood pulp thread with small admixture of linen, such fabrics being utilized for clothing of almost every description, but especially for underwear. She was not allowed to bring any garments made from this stuff with her, but says that its use is quite extensive and that complete costumes for women are made from it. From her description, the wood pulp is spun into thread, and this thread then woven into a kind of cloth, the warp being linen thread. She says that it is reasonably durable, sometimes quite attractive in appearance, and will stand to be washed five or six times. Warm water, but not boiling water, may be used in washing. After being washed five or six times the fabric goes to pieces and must be thrown away. Mrs. M. relates that several Breslau firms were showing very extensive exhibits of all kinds of garments made from this fabric when she left there."

Market Quotations

(Continued from page 53.)

BOSTON

[FROM OUR REGULAR CORRESPONDENT.]

Paper		Chip Board (ton)		45.00 @ 47.50	
Bonds	.09 @	Straw Board (ton)	45.00	@	50.00
Ledgers	.10 @	News Board (ton)	45.00	@	47.50
Writings		Wood Pulp Board	70.00	@	77.50
Superfine	.18 @	Old Papers			
Fine	.15 @	No. 1 Hard White	3.75	@	4.25
Fine, No. 2	.10 @	No. 1 Soft White	2.75	@	3.00
Books, S. & S. C.	.06 1/2 @	No. 1 Mixed	1.25	@	1.40
Book, M. F.	.06 @	Ledger & Writings	2.50	@	2.75
Book, Coated	.08 @	Solid Books	1.00	@	1.25
Label	.09 @	Blanks	1.75	@	2.00
News, Sheets	.05 @	No. 2 Books, light	.90	@	1.10
News, Rolls	.04 1/2 @	Extra No. 1 Manila	1.75	@	2.00
Manilas		No. 1 Manilas	1.50	@	1.75
No. 1 Manila	.05 1/2 @	Folded News (over-			
No. 1 Fibre	.05 1/4 @	issues)	1.00	@	1.15
No. 1 Jute	.10 @	Old Newspapers	.75	@	.85
Sulphite, No. 1	.08 1/2 @	Mixed Papers	.40	@	.45
Kraft Wrappings	.06 @	Gunny Bagging	3.50	@	4.00
Common Bogus	2.25 @	Manila Rope	4.25	@	4.50

TORONTO

Paper		Sulphite, news grade		50.00 @ 55.00	
(Mill Prices to Jobbers)		Sulphite, bleached	.105.00 @	110.00	
Bond		Sulphate	.80.00 @	85.00	
Sulphite	11 1/4 @	Old Waste Papers			
Light tinted	12 1/4 @	(In carload lots, f. o. b. Toronto)			
Dark tinted	13 1/4 @	Price purely nominal; market dead.			
Ledgers	15 @	Shavings—			
Writings	10 @	White Env. Cut.	3.25	@	—
News, f. o. b. Mills—		Soft White Book		@	—
Rolls (carloads)	\$2.50 @	Shavings	2.25	@	—
Rolls (less than		White Blank News	1.50	@	—
cars)	2.75 @	Book and Ledger—			
Sheets (carloads)	3.25 @	Flat Magazine and			
Sheets (over 2		Book Stock			
tons)	3.50 @	(old)	1.15	@	—
Sheets (less 2		Light and Crum-			
tons)	4.00 @	pled Book Stock	1.10	@	—
Book—		Ledgers and Writ-			
No. 1 M. F. (car-		ings	1.65	@	—
loads)	9.25 @	Solid Ledgers	2.00	@	—
No. 2 M. F. (car-		Manilas—			
loads)	7.25 @	New Manila Cut.	2.10	@	—
No. 3 M. F. (car-		Printed Manilas	1.15	@	—
loads)	7.00 @	Kraft	2.50	@	—
No. 1 S. C. (car-		News and Scrap			
loads)	9.50 @	Strictly Overissue	.80	@	—
No. 2 S. C. (car-		Folded News	.70	@	—
loads)	7.50 @	No. 1 Mixed Pa-			
No. 1 Coated and		pers	.50	@	—
litho	12.25 @	Domestic Rags—			
No. 2 Coated and		Price to mills, f. o. b. Toronto.			
litho	11.25 @	Per lb.			
No. 3 Coated and		No. 1 White shirt cuttings	\$0.07 1/2		
litho	10.50 @	No. 2 White shirt cuttings	.05 1/2		
Coated and litho.		Fancy shirt cuttings	.05 1/2		
colored	12.50 @	No. 1 old whites	.04 1/2		
Wrapping (car		Thirds and blues	.02 1/2		
lots)	4.25 @	Per cwt.			
Pulp		Black stockings, nom.	2.25		
(f. o. b. Mill.)		Roofing stock No. 1	2.15		
Ground Wood	\$32.00 @	Roofing Stock No. 2	2.00		
Sulphite, easy bleach-		Roofing Stock No. 1	2.15		
ing	65.00 @	Gunny bagging	3.75		
		Manila rope	.65 1/2		

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48 per cent. and 58 per cent.

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

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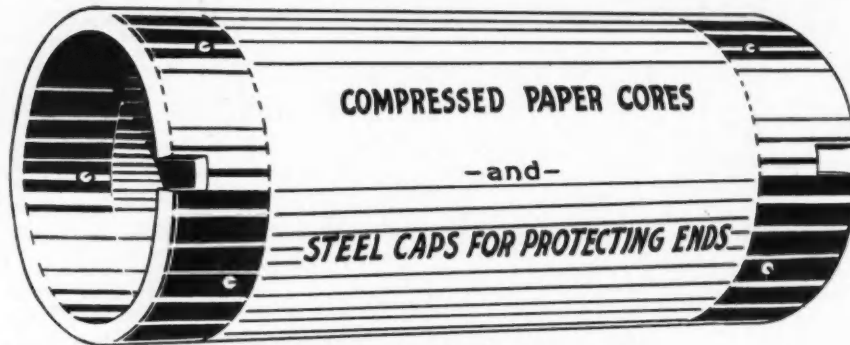
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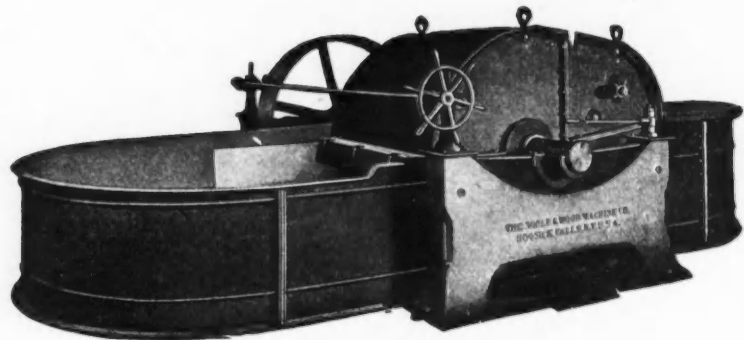
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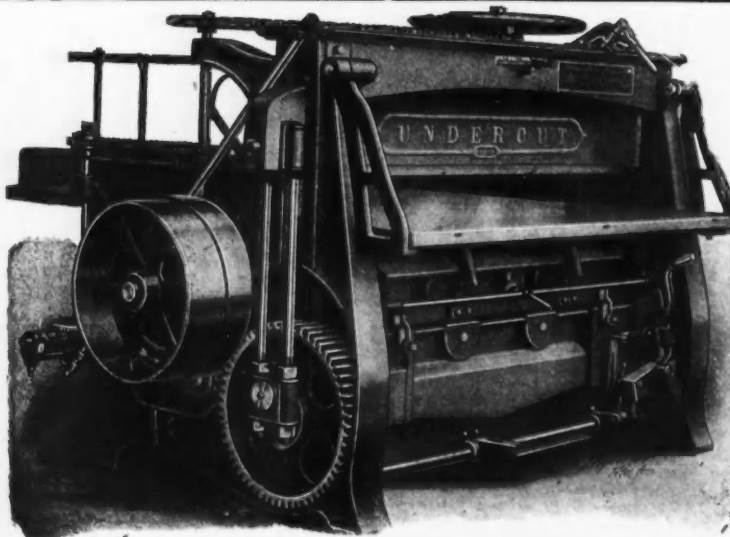
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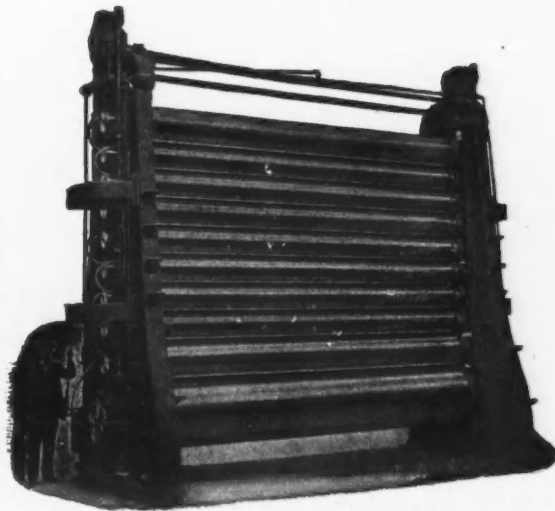
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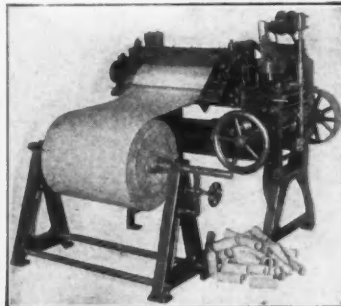
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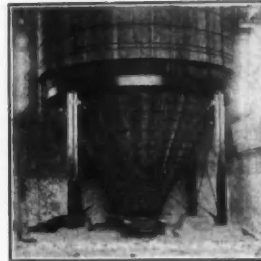
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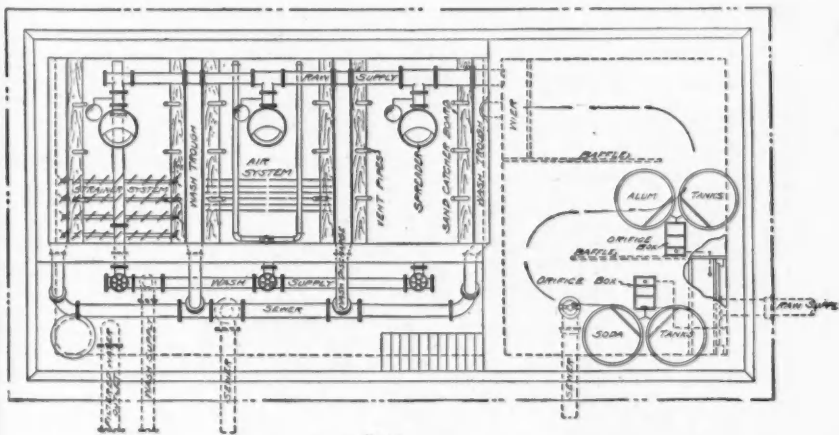
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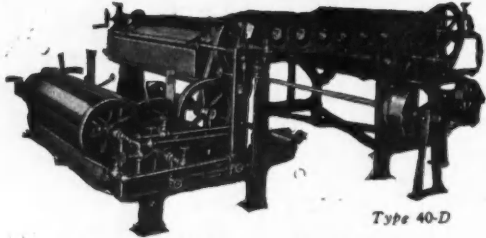
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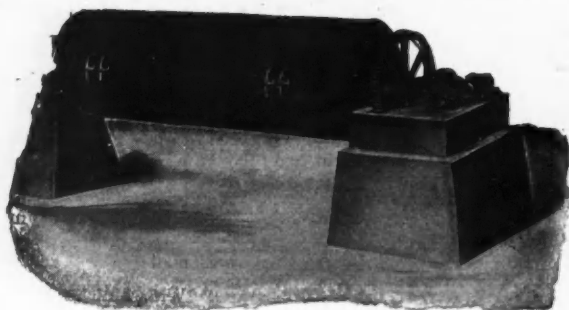
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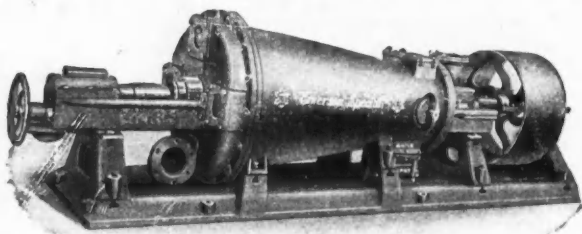
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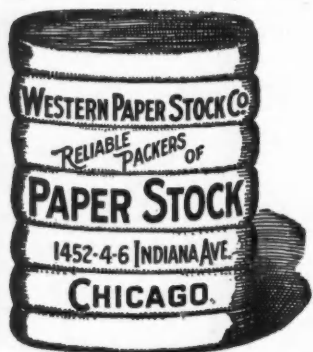
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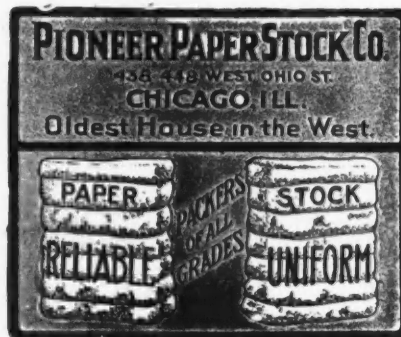
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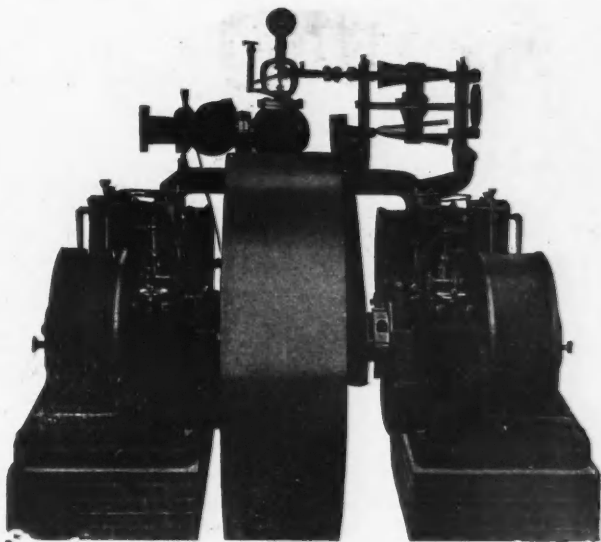
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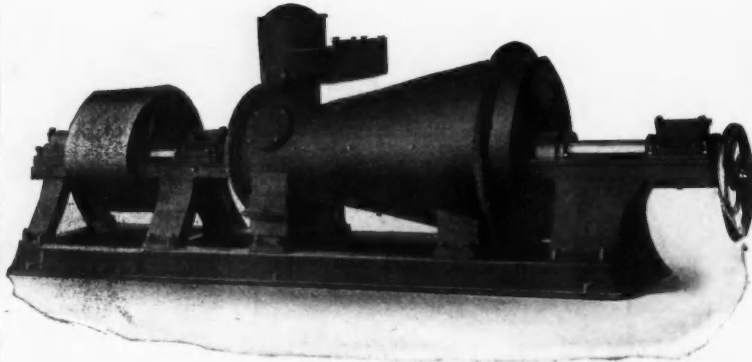
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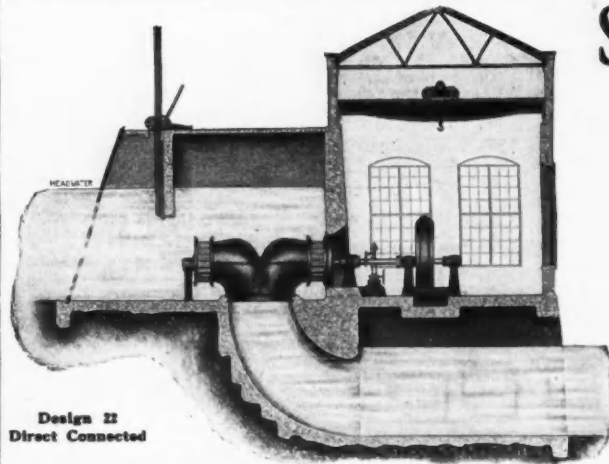
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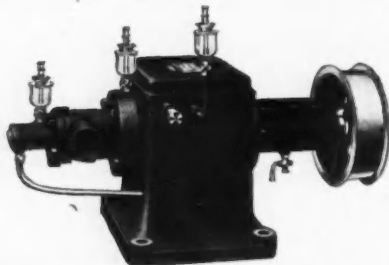
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Brittle and easily soluble. Cheapest size out. Cheaper than mill made size. Also our hot and cold water sizes; standard quality. Cleaner, more uniform and economical than either mill made sizes or those offered by our competitors. Also Arabol Paper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

Arabol Manufacturing Co.
100 William Street : NEW YORK

VERA ROSIN SIZE

Guaranteed to Be Absolutely Clean and Pure
SHIPPED IN BARRELS and TANK CARS
OUR VERA PAPER SIZE

is the purest, strongest and highest free rosin size made. We can furnish you with an ideal rosin size and patented apparatus to use same.

OUR VERA MILL SIZE

is the best soluble paper makers' rosin size made. Ready to use in cold or warm water in the ordinary way without apparatus. Gives better satisfaction and is more economical than mill made size.

OUR VERA BEATER SIZE

Especially prepared to be dumped direct from the barrels into the Beater, without first dissolving it.

VERA CHEMICAL COMPANY

North Milwaukee, Wis. Stoneham, Mass.
Burlington, Ont., Canada

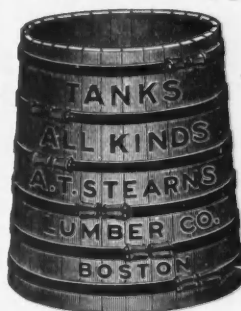
ZAREMBA PATENT EVAPORATORS

In One Paper Mill

where it replaced another make of evaporator, it paid for itself the first year.

ZAREMBA COMPANY, BUFFALO, U. S. A.

Tanks of Cypress or Yellow Pine



Heavy Paper Mill Work

A SPECIALTY

OUR AIR DRIED CYPRESS IS REMARKABLE FOR ITS GREAT DURABILITY

We handle Cypress and Yellow Pine from the Stump, and have Twenty Million Feet Seasoning

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125 Taylor St., Neponset, Boston, Mass.

AGALITE FILLER

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SCREENING GRINDER "SUCCESS"

Which we offer to the trade. It will successfully reclaim and grind sulphite and ground wood screenings into a marketable pulp, which can be sold at a profit.

The following leading mills are using the "Success" with success:

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APPLETON MACHINE CO., Appleton, Wis.

EASTWOOD WIRE MFG CO. FOURDRINIER WIRES BELLEVILLE, NEW JERSEY, U.S.A.

THE WM. CABBLE EXCELSIOR WIRE MFG. CO.



Established 1848
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Superior Fourdrinier Wires
Cylinder Wires
Brass, Copper and Iron Wire Cloth of every description
Best Quality of Wire Rope

Dandy Rolls
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MANUFACTURED BY

PENNSYLVANIA SALT MFG. COMPANY

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C. K. WILLIAMS & CO., EASTON, PA.



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Manufacturers, Miners and Importers of Coloring Materials, such as Venetian Reds, Red, Brown, Black, Yellow, Oxides, Chrome and other Ochres, also Paper Fillers—as Agalites, Mineral Pulp, Talc, China and other Clays.

COLORS FOR PAPER MANUFACTURERS' USE

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*Largest dealers in paper stock and rags
in the world*

CHICAGO, ILL.

Occupy more than six acres of a sprinkled floor space, equipped with six electric freight elevators, twenty-two large electric power presses, private switch tracks and platforms for forty cars at one time; over 300 employees grading and packing Rags and Waste Paper; best service on any grade, any quantity and at any time.

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WIRES

50 years' experience as wire makers
insures highest quality of product

**"Appleton Wires
Are Good Wires"**

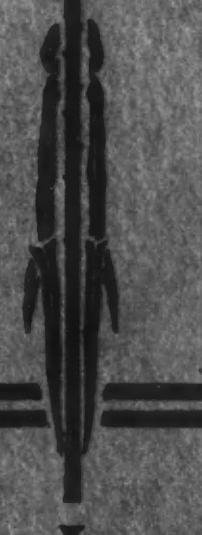
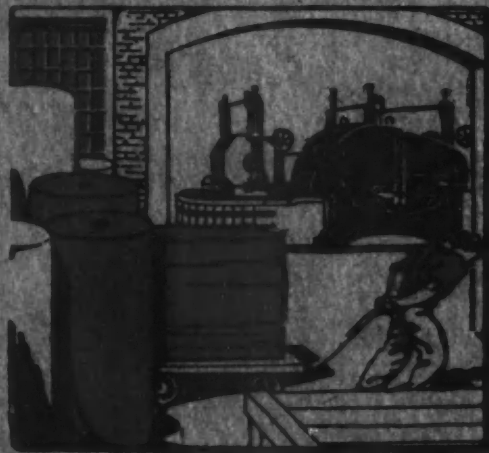
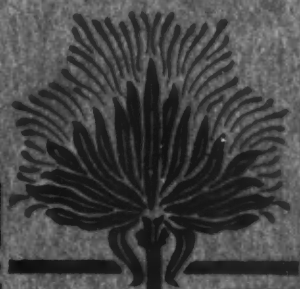
Appleton Wire Works : Appleton, Wis.

The Paper Trade
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Paper Trade Annual

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In quantity it represents (in the usual newspaper thickness and one foot wide) some 20,000 miles in length, but that is not its chief significance:

To **AMERICA** it is a symbol of another binding link in her chain of foreign trade—no "Scrap of Paper."

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