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FORTY-SEVENTH YEAR

PAPER TRADE JOURNAL

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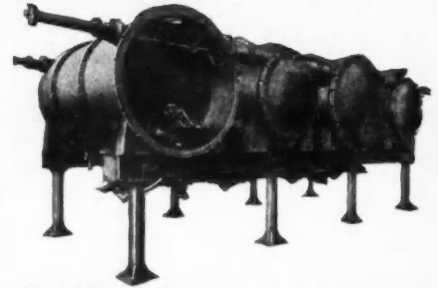
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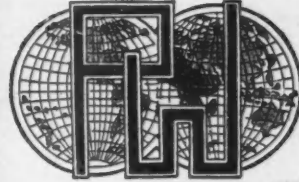
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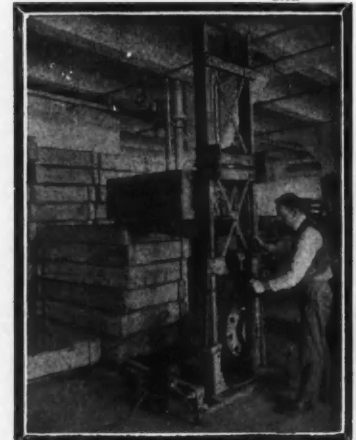
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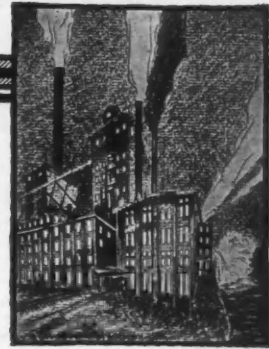
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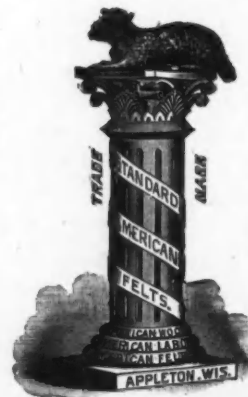
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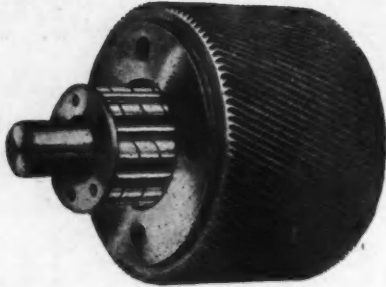
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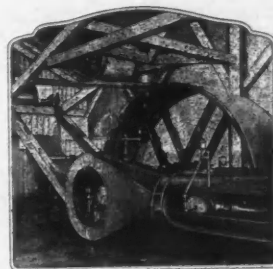
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THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

FORTY-SEVENTH YEAR

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NEW YORK AND CHICAGO

Thursday, July 17, 1919

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MAKES NO APPROPRIATION FOR THE PAPER LABORATORY

Understood that Movement Is on Foot to Have Laboratory and All Its Work Turned Over to the Forest Service for Continuance—Bill Is Introduced in Congress to Study Fungi and Bacteria Causing the Decay of Pulp Wood—Representative Young Introduces Bill to Repeal Canadian Reciprocal Tariff Act—E. E. Emerson Made Assistant Purchasing Officer of Printing Office.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., July 15, 1919.—Congress refused to make an appropriation for the continuance of the paper laboratory of the Bureau of Plant Industry, Department of Agriculture. This laboratory has been engaged for a number of years in investigations relative to the use of various kinds of fiber in paper making.

While nothing definite has been settled it is understood that there is a movement on foot to have the laboratory and all of its work turned over to the Forest Service for continuance.

To Investigate Decay of Pulp Wood

Representative Wason, of New Hampshire, has introduced a bill in the House, which has been referred to the Committee on Agriculture, "authorizing the Secretary of Agriculture to investigate the nature and habits of the fungi and bacteria causing decay of pulp wood." The bill is as follows:

"That to enable the Secretary of Agriculture to conduct investigations of the nature and habits of the fungi and bacteria causing the decay of pulp wood and wood pulp and to devise and put into application methods of control, there shall be appropriated, out of the moneys in the Treasury not otherwise appropriated, \$20,000, or so much thereof as may be necessary; and the Secretary of Agriculture is hereby authorized to pay such expenses and employ such persons and means, in the city of Washington and elsewhere, as he may deem necessary to accomplish such purpose."

Mr. Emerson Made Assistant Purchasing Agent

E. E. Emerson, who has been acting Assistant Purchasing Officer of the Government Printing Office since the resignation of George A. Tuttle, has just been appointed Assistant Purchasing Agent. Inasmuch as the paper men who deal with the Government come in intimate touch with the Assistant Purchasing Officer of this Department the appointment should be of interest to the trade.

Imports of Wood Pulp and Pulp Wood

The Department of Commerce announces the following imports of wood pulp and pulp wood into the United States by countries and customs districts during May, 1919:

Countries.	WOOD PULP.					
	Mechanically Ground.		Chemical Unbleached Sulphate.		Chemical Unbleached Sulphite.	
	Tons.	Dollars.	Tons.	Dollars.	Tons.	Dollars.
Belgium	13,596	341,840				
Russia in Asia			299	30,347	1,570	178,456
Sweden			100	11,235	2,051	191,132
Canada			6,505	437,469	8,275	665,354
Total	13,596	341,840	6,904	479,051	11,896	1,034,942
Districts.						
Maine and New Hampshire					951	77,036
Vermont	2,843	78,514	4,307	265,251	1,547	131,999
Connecticut	458	12,303				
St. Lawrence	5,491	127,010	1,033	89,792	2,471	191,456
Buffalo	826	24,139	247	20,551	813	66,680
New York	950	16,855	399	41,582	1,609	182,953
Maryland					2,012	186,635
Southern California					353	25,700

San Francisco					1	90
Washington					19	1,772
Duluth and Superior	963	28,056	242	12,270	147	8,214
Michigan	1,611	42,676	661	48,526	1,973	162,407
Ohio	134	3,738	15	1,080		
Total	13,596	341,840	6,904	479,051	11,896	1,034,942

Countries.	WOOD PULP.			
	Chemical Bleached Sulphate.		Chemical Bleached Sulphite.	
	Tons.	Dollars.	Tons.	Dollars.
Denmark			4	
Finland			978	100,000
Norway			25	4,480
Sweden			25	831
Canada	111	9,781	1,732	193,157
Total	111	9,785	2,760	298,468
Districts.				
Maine and New Hampshire			578	67,301
Vermont			145	15,551
St. Lawrence			65	6,675
Buffalo		7,117	243	27,263
New York			50	5,311
Philadelphia			4	978
Washington			90	100,000
Duluth and Superior	46	2,664		9,085
Luluth and Michigan			616	67,282
Total	111	9,785	2,760	298,468

Countries.	PULP WOOD.					
	Rough.		Peeled.		Rosseed.	
	Cords.	Dollars.	Cords.	Dollars.	Cords.	Dollars.
Canada	12,219	107,811	49,774	491,078	3,539	39,249
Districts.						
Maine and New Hampshire	3,198	29,496	11,953	122,245	210	2,310
Vermont	3,641	32,612	16,608	169,343	883	11,005
St. Lawrence	2,760	22,529	17,924	164,096	1,676	18,910
Rochester			2,619	28,804		
Buffalo	196	1,599	670	6,590	770	7,024
Washington	97	531				
Duluth and Superior	756	5,655				
Michigan	1,571	13,389				
Total	12,219	107,811	49,774	491,078	3,539	39,249

May Continue to Buy on Open Market

While no official announcement has been made, it is understood that the Joint Congressional Committee on Printing has decided that it will be inexpedient to contract for paper for the use of the Government Printing Office for the next three months. It was announced in the PAPER TRADE JOURNAL several weeks ago that bids would be asked for a period of three months, but after carefully considering the proposition, it is not believed that this will prove profitable and it is pretty generally understood that the Purchasing Officer of the Government Printing Office will go ahead asking for bids on the open market for the next three months.

Hearings on Dyestuffs

Dyestuff hearings were resumed today before the Ways and Means Committee of the House at the instance of Representative J. Hampton Moore, of Pennsylvania, who is dead set against any licensing plan which is being advocated by all those who wish to see the American dyestuff industry wage a war against the German monopoly.

At the outset of the hearings Mr. Moore introduced into the record a number of letters and telegrams from various organizations condemning him (Moore) for his speech on the floor of the House a week or so ago when he attacked the Chemical Foundation, Inc., of which Francis P. Garvan, Alien Property Custodian, is president.

Mr. Garvan was the first witness called at the hearings. He told the committee that when the Government officials found just what the German monopoly of the dyestuff industry in this country amounted to they decided that the matter should receive immediate attention and that something should be done to wrench away from the Germans their control. In trying to work out a plan Mr. Garvan said that the officials had hoped that the United States Government would be able to take over the German owned dye patents but after considerable discussion this was found entirely impracticable. It was therefore decided to organize the

Chemical Foundation, Inc., which, Mr. Garvan stated, was established in the public interest and with the idea merely of taking over the German owned patents to protect the industry in this country. The hearings were then adjourned but will be continued.

To Protect Dye Stuff Industry

While members of the Ways and Means Committee of the House refused to be quoted on the subject it is believed here, based on interviews, that the committee will take favorable action on the so-called Longworth bill for the protection of the dyestuff industry of the country.

The present Longworth bill, as is well known, provides, not only for a tariff on dyestuffs but also for a licensing system. While many members of the committee were at first opposed to the licensing system it is believed as a result of information obtained at the recent dyestuff hearings, that they have changed their minds and are of the opinion that this may be the only solution of the problem.

Sec. Redfield Favors Licensing for Dyestuffs

"I am heartily in favor of the licensing plan for dyestuffs as advocated in the so-called Longworth bill," said Secretary of Commerce Redfield in discussing the dyestuffs situation. Mr. Redfield said that he believed that tariff alone would not protect the dyestuff industry of the United States against the encroachment of the Germans whose plants are subsidized by the German government.

Secretary Redfield pointed out the fact that American manufacturers could not compete in any way, shape or form with the German manufacturers when the latter do not have to take into consideration any overhead expense inasmuch as the German Government is taking care of that part of the problem. Mr. Redfield has from the beginning urged the establishment in the United States of a dyestuff industry and it is not now strange that he should be thoroughly in favor of protecting that industry.

Bill to Repeal Canadian Tariff Act

Representative Young, of North Dakota, has introduced a bill in the House "to repeal the Act of Congress of July 26, 1911, to promote reciprocal trade relations with the Dominion of Canada, also to repeal paragraphs 581 and 644 of the Tariff Act of October 3, 1913, to reduce tariff duties and provide revenue for the Government." The bill has been referred to the House Committee on Ways and Means.

Waste in Spruce Alleged

Allegations of waste in the expenditure of public funds have been submitted by *The Providence Journal* to the House Committee investigating expenditures in the War Department in connection with its inquiry into the development of the army aviation program during the war. The charges, which are understood to be mainly in the form of affidavits obtained during an investigation which the *Journal* has been conducting for more than a year, relate chiefly to the getting out of spruce timber for use in airplane construction, the construction of Government railways into the spruce forests, and other air service activities in Pacific Coast States.

The allegation is made that the Government was subjected, under a cost-plus system, to a cost of practically \$650 per thousand feet for spruce timber, and that private concerns were obtaining the same kind of spruce for from \$130 to \$178 per thousand feet. The charges submitted by the *Journal*, along with the affidavits, have been turned over by Chairman Graham of the investigating committee to a sub-committee of which Representative Frear of Wisconsin, is chairman. Some of the affidavits assert that certain of the companies to which contracts were awarded for railroad construction, and the production of spruce timber had no practical logging experience or knowledge,

that waste resulted from the building by these companies of camps in inaccessible localities, that some of the camps had to be abandoned, and that there was waste of foodstuffs through improper care. Other affidavits are understood to allege that some miles of two-inch plank road were built into forests and never used, and that while spruce timber was felled in certain camps, none of this timber was brought out from those particular camps.

To Study Export Conditions

Secretary of Commerce Redfield yesterday accepted the resignation of Burwell S. Cutler as Chief of the Bureau of Foreign and Domestic Commerce, of the Department. Mr. Cutler's resignation has been in the hands of the Secretary for several days. As already announced Mr. Cutler will go to Europe in the very near future to look into financial conditions as they might affect our export trade. While no definite information is obtainable yet, it is understood that Mr. Cutler will be associated with the Bureau of Foreign and Domestic Commerce there as a special trade commissioner or in some other capacity. It is said that Philip S. Kennedy, who has been connected with the Bureau for many years and who is said to be exceedingly capable, will probably be appointed as Chief of the Bureau, subject to the confirmation of the Senate. Mr. Brock, who has been in London for some time for the Bureau, will probably be brought to Washington as first assistant chief to Mr. Kennedy, taking the place of Mr. Jones, recently resigned.

Chillicothe Paper Company to Build

CHILICOTHE, Ohio, July 14, 1919.—The Chillicothe Paper Company has been incorporated under the laws of the State of Ohio with authorized capital stock of \$600,000. This is divided into \$300,000 common stock and 7 per cent cumulative.

The officers of the company are as follows: Hector McVicker, president and general manager; George Litter, vice-president; Lyle S. Evans, secretary; A. P. Story, treasurer; E. F. Bearce, chief engineer.

A tract of sixteen acres of land on the B. & O. and N. & W. Railways has been acquired and construction will start on the new mill within a very few days.

The plans call for the immediate installation of a 140 inch Fourdrinier machine equipped to make book, magazine, lithograph, catalogue and writing papers.

Oregon Pulp & Paper Company Incorporates

SALEM, Ore., July 8, 1919.—Articles of incorporation of the Oregon Pulp and Paper company have been filed in the office of Corporation Commissioner Schullerman. The new corporation, which has started active construction of a paper mill in Salem, is capitalized at \$800,000. The incorporators include F. W. Leadbetter, Charles K. Spaulding and Roy H. Mills.

It is pretty well understood that no stock is on the market but that it will all be subscribed for by men who are interested in paper mills with F. W. Leadbetter and Chas. W. Spaulding. The foot of Trade street now looks much different from what it did a few weeks ago. Excavations have been made for foundations and from now on the work of construction will go ahead, with the building first of the sulphate and pulp mills.

W. J. Atwood Confirmed as Receiver

HARTFORD, Conn., July 14, 1919.—Judge William M. Malbie has confirmed Ward J. Atwood as temporary receiver of the Paper Makers', Inc., which conducted a paper mill in Poquonock, and the judge authorized Mr. Atwood to conduct the business to September 1. Fred J. Bliss of this city, and Charles G. Bill, who lives in West Hartford and who conducts a paper mill in Unionville, were appointed to make an appraisal of the property.

FORM MICHIGAN BRANCH OF SUPERINTENDENT'S ASSN.

Organization Meeting Which Is Held at Kalamazoo Elects E. T. A. Coughlin, Superintendent of the Monarch Paper Co.'s Coating Division, as Chairman of the New Branch—Monroe Binder Board Co. to Build Office Building and Paper Box Plant Adjoining Its Model Board Mill at Monroe—Van Gorder Co. to Manufacture Stationery and Tablets—Americanization Work in Mills.

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., June 15.—Paper mill superintendents of Michigan and northern Indiana gathered in Kalamazoo, Friday and Saturday of last week and organized the Michigan branch of the American Pulp & Paper Mill Superintendents' Association. Edward T. A. Coughlin, superintendent of the Monarch Paper Company's coating division, is chairman; Luther A. Parker, superintendent of the Imperial Division of the Bryant Paper Company, is vice-chairman, and George H. Pountain, general superintendent of the Monarch Paper Company, is secretary-treasurer.

The first regular meeting of the Michigan branch will be held in Kalamazoo, Tuesday, July 22.

The initial branch was formed at Appleton, Wis., and includes all mills in the Wisconsin district.

Monroe Binder Board Co. to Build

The Monroe Binder Board Company, of Monroe, Mich., is having plans prepared for the erection of an office building and a paper box plant on the site immediately adjoining its model board mill. R. M. Dunbar, of Monroe, is drawing the plans for the two structures.

The office building will be 42 by 100 feet in dimensions, two stories. It will be of brick, stone and terra cotta and an attractive structure. The paper box plant will provide about 125,000 square feet of floor space and will be one story and basement, 220 by 260 feet in dimensions. Brick and steel will be used. The estimated cost of the two buildings is placed at about \$175,000.

J. C. Bulls, former president and founder of the J. C. Bulls Manufacturing Company, St. Louis, Mo., has become connected with the Monroe Binder Board Company and will become manager of this branch of the business.

This site of the Monroe Binder Board Company is located in East Monroe, directly on the main thoroughfare leading to Detroit. It is over 30 acres in extent and admirably located for the company's requirements. The office buildings and box plants will be located in front of the mill proper, which is in every respect one of the finest board mills in America and a model of convenience and general efficiency. In building the mill the power plant was laid out to accommodate all power equipment to use in the operation of the proposed box plant, so that it will be possible to install these mechanical units with a minimum of expense.

Van Gorder Co. to Make Tablets

The Van Gorder Company, capital \$50,000, has been organized to engage in the manufacture and sale of tablets, stationery and to do a general line of commercial ruling.

The board of directors consists of R. R. Van Gorder, A. C. Barley, Frank M. Blair, George Putt, Frank H. Milham, Frank A. Lempke and Donald C. Osborn. R. R. Van Gorder is president; A. C. Barley, vice-president; George Putt, treasurer, and Frank M. Blair, secretary.

The concern succeeds the Van Gorder ruling company and will operate in the plant occupied by the latter company. Mr. Van Gorder worked up a very large business in ruling contracts,

his products going in carload lots to many of the leading commercial centers of the country. It was to properly care for this business growth that he formed a corporation and increased his capital.

Paper Mill Construction Progressing

Billingham & Cobb, architects and engineers, who are superintending several large paper mill contracts in this section of Michigan, report that work is going forward satisfactorily and that schedule is being maintained.

The box plant for the Eddy Paper Company is 50 per cent. completed. The foundations are in and the walls half up.

The plant of the White Pigeon Paper Company, at White Pigeon, is 75 per cent completed. The walls are up and the roof is being placed.

Footings and foundations are in for the large warehouse for the Kalamazoo Stationery Company. The side walls are up as far as the first floor and the flooring is being put in.

Americanization Work

Mrs. Elizabeth Stone, welfare supervisor at the Kalamazoo Paper Company, is doing some valuable work in Americanization among the foreign women employed in that institution. Not only are these women being taught English at the noon-hour classes, but Mrs. Stone has secured the assistance of a number of the leading women of Kalamazoo to establish social intercourse between the American and foreign women. As result of this system, calling lists are assuming a decidedly democratic tone in this city.

Mrs. James Grant, in her effort to assist Mrs. Stone, has taken a step even further advanced than others. The evening of July 8 she entertained at her handsome residence in Parkwood, four Polish and three Hungarian women, thus bringing together two elements that are naturally antagonistic. Refreshments, strictly American style, were served, and music and conversation enjoyed. The evening was a success and will undoubtedly be followed by other gatherings of a similar nature.

Mrs. Helen Shaw is doing a similarly meritorious work at the Bryant Paper Company. Classes, socials, sewing clubs and similar gatherings promote cordial and friendly relations and are gradually breaking down the barriers that have too long separated the foreigners from the American element, bringing about an understanding that is equally valuable to all citizens concerned.

News of the Ottawa Trade

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., July 14, 1919.—The machinists employed by the J. R. Booth paper mills who had been on strike since May 12, went back to work on Wednesday morning last and then struck again at noon. According to officials of the union negotiations were in progress for some time and the men went back to work on the understanding that they were to receive the schedule demanded—80 cents an hour and the eight hour day. On finding that this was not the case they immediately went on strike again. Previously they had been receiving 55 and 60 cents an hour for a nine hour day. It is intimated that the Booth mill will not take them back now and it was stated by representatives of the company that there was no such agreement upon which the men resumed work for a few hours.

Premier Paper Products has been incorporated under a Dominion charter to do business in Sarnia, Ont.

Among the new directors of the Bank of Nova Scotia are several men prominent on the directorate of Canadian pulp and paper companies, including, Hon. Geo. Bryson, Fort Coulogne, Que.; Sir Henry Egan, Ottawa; J. B. Fraser, Ottawa; Sir George Perley, Ottawa; Senator M. J. O'Brien, Renfrew; and E. C. Whitney, Ottawa.

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PAPER MAKERS AT HOLYOKE REQUEST INCREASE IN WAGES

Tour Workers Ask for an Increase of 25 Per Cent.—Demand, It Is Said, Will Only Bring the Wages Up to a Par with the Wages Paid Paper Makers in Other Cities—Three Prominent Officials of the American Writing Paper Co. Resign to Take Charge of the Mt. Holly Springs Paper Co.—D. H. Newell Will Head the Concern—Gatti-McQuade Co. to Sue George King, a Former Salesman.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., July 14, 1919.—The Eagle Lodge of Paper Makers, which includes workers from all branches in all of the paper mills in this city, South Hadley Falls, West Springfield and Mittineague, last week presented to the manufacturers a new schedule of wage demands. The new demands are for an increase of 25 per cent for all tour workers. The new schedule was drafted only after the Eagle Lodge committee had studied the reports of wages paid elsewhere throughout the country, and the workers feel that while the amount may seem large, yet it is not excessive, as it will only bring up the wages paid in this section of the country to a par with the wages paid paper makers in other cities.

Following the presentation of these demands early last week, a committee of manufacturers which consists of George A. Gallivern, president of the American Writing Paper Company; R. Franklin McElwain, vice president of both the Chemical Paper Manufacturing Company and the Crocker-McElwain Company; and Horace A. Moses, president of the Strathmore Paper Company at Mittineague, was gotten together and already conferences have been held with the wage increase committee of the workers. Thus far the conferences were merely preliminary and further meetings will be held this week.

American Writing Officials to Have Own Plant

Three prominent officials of the American Writing Paper Company have handed in their resignations to take effect on August 1, and will leave Holyoke to take charge of the Mt. Holly Springs Paper Company at Mt. Holly Springs, Penn. These men are: D. H. Newell, assistant general manager of sales at the American Writing Paper Company; J. B. Newton, in charge of the inspection and standardization department and technical control, and Selin Newell, who is in charge of the general order department of the American Writing Paper Company.

The control of the Mt. Holly Springs Paper Company has passed to Hollister-White Company, Inc., of Boston, a well known banking firm, which is backing the venture.

The officers of the concern are as follows: President, D. H. Newell; vice president, H. P. Faxon; treasurer, J. B. Newton; assistant treasurer, R. H. Spare; directors, F. R. Switzer, H. P. Faxon, S. D. Elmore, D. H. Newell and J. B. Newton. Messrs. Switzer, Faxon and Spare are members of the Hollister-White Company.

The Mt. Holly Springs Paper Company is at present equipped with a 62-inch and 82-inch Fourdrinier machines. Additional beating and washing machines, as well as other machinery and equipment will be installed by the new owners, and the plant will be completely modernized. High grade loft dried bonds, ledgers and writing papers will be manufactured on the small machines, while similar lines in machine-dried papers will be turned out on the larger machines.

The plant is located in the Cumberland Valley and is on the Philadelphia & Reading Railroad, Gettysburg branch. The tracks runs directly into the mill yard and the mill is run on water

power supplied from a swift stream that is controlled by a 90-foot dam.

D. H. Newell, the president of the firm, has been connected with the American Writing Paper Company for 18 years. For a number of years he has been with the Riverside division mills, and for many years previous to that represented the American Writing Paper Company in Philadelphia. About a year ago he was transferred to this city as assistant general manager of sales.

J. B. Newton has been connected with the paper making industry in this city for 40 years. He was originally employed by the Norman Paper Company, and when that mill was absorbed by the combine he went to the Wauregan Paper Company, where he remained for three years and for fifteen years after was with the Chemical Paper Manufacturing Company. Three years ago he returned to the American Writing Paper Company and up to this time has been in charge of the departments of inspection and standardization, technical control.

S. Newell started as bookkeeper at the Beebe & Holbrook division and after several years was transferred to the general offices of the company six years ago, where he did statistical work. During the past few years he has been in charge of the order department.

All of the above mentioned men are experts in their lines, and the announcement that they are to leave Holyoke will indeed cause surprise.

Sue Salesman for \$110,000

Holyoke certainly has some high salaried salesmen. The Gatti-McQuade Company, of New York City, dealer in paper stock and raw materials, regards George King of this city as a salesman of tremendous ability. The Gatti-McQuade Company put Mr. King on their payroll, they alleged at the salary of \$10,000 a year on a contract of five years. They have now brought suit against Mr. King for failure to fulfill his agreement and as a result are claiming damages of \$110,000 against the Holyoke man.

The plaintiff concern claims a loss of at least \$20,000 a year over and above the salary of the defendant during the period of employment, which was covered by the agreement of April, 1919, to March, 1924. The Gatti-McQuade Company is engaged in the buying and selling of paper stock and paper makers' supplies, including rags and other materials entering into the manufacture of paper. The defendant under the terms of the agreement was employed by the plaintiff as a salesman of rags and similar paper-making materials. He is an expert in this line and, in their suit, the Gatti-McQuade Company claim that he had built up a large and profitable business for P. Garvin, Inc., dealers in like lines, who, up to March 4, 1919, had been his employers, and that he had a greater ability than any other salesman in and about Holyoke. Not only was the defendant to receive \$10,000 a year but was also to be provided with an automobile.

The case is being tried in the Superior Court in Springfield and is one of the most peculiar that has come up for decision in this section of the country.

General Notes of the Trade

Harold W. Ross, superintendent of the Main Paper Stock Company, of New York, was in Holyoke last week on a business trip. For the past 10 years Mr. Ross was connected with the American Writing Paper Company, resigning three months ago to go with the Main Paper Stock Company.

Frank B. Towne, of the National Blank Book Company, together with Mrs. Towne and their son, Richard, left for a several weeks' trip to Glacier Park.

F. A. Schmitter, for the past seven months chief clerk at the Crocker division of the American Writing Paper Company, has resigned. Frank R. Garland, who has been a member of the traveling auditing staff of the company, replaces him.

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LABOR TROUBLE CONTINUES AT NEKOOSA-EDWARDS MILLS

Between 800 and 900 Employees of the Company Are Idle in the Villages of Nekoosa and Port Edwards, Where the Plants of the Company Are Located—Employees of the Stevens Point Pulp & Paper Co., Who Have Been on Strike at McDill, Wis., Are Returning to Work—Consolidated Water Power & Paper Co. Starts Work on Construction of Power Line.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., July 15, 1919.—The strike situation in the villages of Nekoosa and Port Edwards where between 800 and 900 employees of the Nekoosa-Edwards Paper Company have been on a strike since June 23, is unchanged and the mill remains idle.

The men demand an eight-hour day; a 5 per cent increase in wages with time and one-half for overtime; the right of collective bargaining, and the right to organize without interference. Company officials have refused to recognize the strike committee as a union committee and have dealt with it only as a shop committee. The company has not made concessions on any of the demands, but wishes to have them discussed by an employees' committee with representatives of the management. If an agreement is not reached this way, the company has offered to submit the differences to a board of arbitration.

The strike has progressed peaceably and there have been no demonstrations. Bitter feeling was aroused when the company ordered strikers to vacate houses owned by the concern, but so far none have complied. The 30-day eviction notice does not expire until near the end of July.

The strikers have refused a proposal by the company to settle through the "Rockefeller plan."

Many strikers have been given temporary employment on farms near the villages by the county agricultural agent. Wages paid farm hands are the highest in history.

Twenty men, including several who were on strike, have returned to work at the Stevens Point Pulp and Paper Company's mill at McDill, Wis. The strike has been in progress for more than three weeks, but many workmen are showing a willingness to give up the fight and return to work. A dozen more men are needed to operate the plant without difficulty, the management has announced. Pickets are still maintained at the plant by the strikers.

Consolidated Paper Co. Builds Power Line

Construction has been started by the Consolidated Water Power and Paper Company, of Grand Rapids, of a new power line from its mill at Grand Rapids, through Biron, to the Oneida Paper Company's mill at Stevens Point. The work will involve rebuilding part of the line from Grand Rapids to Biron and an entirely new line from Biron to Stevens Point. The work will cost approximately \$50,000 and will require the entire summer to complete.

Construction of the line will steady the power supply of the mills at Grand Rapids at Stevens Point, according to company officials. There are times when there is an excess of power at one mill, because of stage of water, while the other mill will be in need of power. With the mills connected it will be possible to transfer the power where it is needed and both mills can be kept running at capacity.

Tuttle Press Builds Addition

The Tuttle Press Company at Appleton has started construction of an addition to its factory, made necessary by pressure of business and need of expansion to meet it. The addition is 122

feet long by 62 feet wide and two stories in height. It will be ready for occupancy in about two months. Business offices of the company will be moved to the second floor of the new building and the remainder will be used to take care of the general overflow from the company's present building.

Construction work on the new plant of the National Textile Fibre Company at Menasha is progressing rapidly. The foundation has been completed and the walls are over half way up. It is expected that the building will be ready for occupancy by September 1.

Bids Open for Peshtigo Mill

Bids for construction of the new mill for the Peshtigo Pulp and Paper Company are to be opened this week and work on the plant will be started at once. A half dozen contractors have submitted bids.

It is reported that directors of the new concern have acquired an option on the Potato Rapids power site, three miles above Peshtigo, with the view of establishing a power plant there in addition to the plant to be constructed at the mill. About 1,000 horsepower can be developed at Peshtigo and it is said that the Potato Rapids site can develop 1,700 horsepower.

Arrangements are being made to engage 40 or 50 skilled papermakers now working in Fox River valley mills for the new Peshtigo plant. An effort will be made to have the papermakers acquire stock in the company. About 200 unskilled laborers will be needed. The company will manufacture tissue and light wrapping papers.

Demand for Paper Increases

Demands for all kinds and qualities of paper are increasing and practically every mill in the Fox River valley has all the work it can handle. It is reported that some of the mills have recalled prices in anticipation of a raise. Print paper has advanced slightly in the last few weeks.

All mills of the valley recently granted a wage increase of 10 per cent. There has been no labor trouble in valley mills this year and none is expected. There is a good demand for men.

Experiments in Paper Testing

Experiments recently conducted at the United States Forest Products Laboratory at Madison, Wis., have proven that accurate results in testing paper under strength specifications cannot be obtained unless the atmospheric humidity under which the tests are made is specified. The tests included various weights of 13 kinds of paper at various degrees of humidity as compared with the standard test condition of 65 per cent at 70 degrees, Fahrenheit, used at the laboratory.

Bursting strength of the paper increases with decrease of humidity, with variations ranging from 21 to 30 per cent, the tests show. Breaking strength decreases with increase of humidity, varying from 25 to 37 per cent from standard. Stretch of papers increases with humidity.

Folding property of paper is affected more by moisture than any other property. One kraft paper withstood 968 double folds at 44 per cent humidity and 6,600 folds at 82 per cent humidity.

General News of the Trade

Col. John B. Schneller, recently appointed sales manager for the Gilbert Paper Company, has gone to the military hospital at Fort Sheridan to receive treatments for wounds received in action overseas.

Preparations are being made to make effective the law recently passed providing for a supervisor of pulp wood scaling. This official, who is to be appointed by the governor, will name official scalers at all logging camps whose duty it will be to scale pulp wood before it is shipped to the mills. The scalers will be licensed and will be directly responsible to the supervisor. He will receive a salary of \$2,500 a year and is empowered to appoint two assistants at \$150 a month for six months of each year.

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The Sandy Hill Iron & Brass Works

Hudson Falls, N. Y.



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Mill Machinery**

BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

Purchasing Officer of the Government Printing Office Receives Bids for Paper of Various Descriptions—Purchasing Officer of the Government Printing Office Announces Awards on Several Varieties of Paper at Interesting Prices—Purchasing Officer of the Panama Canal Receives Bids on Several Lots of Paper and Paper Products—Bids and Awards of Other Departments.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., July 15, 1919.—The Purchasing Officer of the Government Printing Office has received the following bids: 36,500 pounds (500 reams) of 32x48—73, white S. & S. C. printing paper; Bryant Paper Company, at \$.0805 per pound, and \$.0855; Kalamazoo Paper Company, at \$.075, and \$.08; D. L. Ward Company, at \$.0866; Miami Paper Company, at \$.0868, and Graham Paper Company, at \$.0842.

13,400 pounds, (100 reams) of 38x48—134, double coated book paper; Bryant Paper Company, at \$.125 per pound; Dobler & Mudge, at \$.15, and King Paper Company, at \$.125.

The Purchasing Officer of the Government Printing Office has receiving the following paper bids:

36,425 pounds (350 reams) of 21½ x 30½, and 21 x 32½ No. 60 white ledger paper; George W. Millar & Co., at \$.237 per pound; Strathmore Paper Company, at \$.32; Dobler & Mudge, at \$.269; Whitaker Paper Company, at \$.2716; R. P. Andrews Paper Company, at \$.238; Carew Manufacturing Company, at \$.27; American Writing Paper Company, at \$.279; and Stone & Andrew, at \$.263 and \$.276.

Government Printing Office Awards

The Purchasing Officer of the Government Printing Office has just announced the following paper awards:

The Bryant Paper Company will furnish 10,050 pounds (150 reams) of 24x38—67, double coated book paper, at \$.12 per pound, bids for which were opened on June 9.

36,000 pounds (19,500 sheets) of various sizes of best quality binder's board will be furnished by Philip Rudolph & Son, at \$62 per ton and 750 pounds of Davey tar board will be furnished by the R. P. Andrews Paper Company, at \$13.08. Bids for both of these items were opened on June 11.

The Franklin Coated Paper Company will furnish 5,000 pounds (50 reams) of 26½x41—100, India tint coated cover paper, at \$.10½ per pound, bids for which were opened on June 13.

1,000 pounds (100 reams) of 17x22—10, white French folio paper, will be furnished by the Whitaker Paper Company, at 10,000 pounds (50 reams) of 22½x28½—200, white China board will be furnished by the Graham Paper Company, at \$28, bids for which were opened on June 26.

The Kerr Paper Company will furnish 750 pounds (105 sheets) of 34x44, No. 7 trunk board, at \$26.25, bids for which were opened on June 27.

The Purchasing Officer of the Government Printing Office has just announced the following awards for annual supplies, bids for which were opened on May 26:

1,500,000 cartons, 5½ x 5¾ x 3¼, to the Climax Manufacturing Company, at \$4.98 per 1,000.

45,000 containers, 17 x 11¾ x 11½, to the Ohio Boxboard Company, at \$113.90 per 1,000. The same firm will also furnish 40,000 containers, 17¼ x 11¼ x 5½, at \$92.60 per 1,000.

Awards for Purchase of Paper Shavings

The Purchasing Officer of the Government Printing Office has just announced the following awards for the purchase of paper shavings, etc., from the Printing Office:

250,000 pounds of shavings from blanks and blank books to the Washington Paper Stock Company, at \$.03 per pound.

1,750,000 pounds of shavings from book papers, white waste in rolls, etc., to the same firm, at \$.0245 per pound.

2,000,000 pounds of shavings from book papers, white and colored mixed, also mixed with strawboard, etc., to the Southern Paper Stock Company, at \$.015 per pound.

\$.1024 per pound, bids for which were opened on June 16.

The same firm will also furnish 258,000 pounds (3,000 reams)

2,200,000 pounds of printed waste to the Washington Paper of 38x48—86, white S. & S. C. printing paper at \$.07½ per pound, bids for which were opened on June 18.

Stock Company, at \$.01525.

10,000 pounds of manila clippings to the Southern Paper Stock Company, at \$.0235 per pound.

75,000 pounds of internal revenue stamp stubs in books, to the Washington Paper Stock Company, at \$.01 per pound. Also 5,000,000 pounds of wrapping waste to the same firm, at \$.005625 per pound, and 500,000 pounds of cuttings from strawboard, trunk board, etc., to the same firm, at \$.0052 per pound.

15,000 pounds of twine and rope from bundles and sweepings to the Southern Paper Stock Company, at \$.02 per pound.

The Washington Paper Stock Company also purchased 250,000 pounds of discarded publications at \$.011 per pound; 5,000 pounds of discarded account books, etc., at \$.0175 per pound, and 2,500 pounds of cotton, canvas, etc., at \$.04 per pound.

Panama Canal Bids

The Purchasing Officer of the Panama Canal has received the following paper bids:

3,000,000 hygienic paper drinking cups, Alling & Cory, at \$2,760; Dobler & Mudge, at \$2,820; New York Trading Company, at \$3,300; Louis Wolf, at \$3,060 and \$2,760, and R. P. Andrews Paper Company, at \$3,030.

1,000,000 plain, 14x14, crepe paper napkins, Dennison Manufacturing Company, at \$1,275; Dobler & Mudge, at \$990; George W. Miller & Co., at \$1,150 and \$950; New York Trading Company, at \$1,360; Republic Bag & Paper Company, at \$1,020; Universal Trading Company, at \$1,290; R. P. Andrews Paper Company, at \$1,050, and J. E. Linde Paper Company, \$1,150.

1,200 sheets of 32x44 heavy binder board, Dobler & Mudge, at \$854; George W. Millar & Co., at \$460, and R. P. Andrews Paper Company, at \$495.

10 reams (5,000 sheets) of 22½x28½—110, blue index bristol board, Dobler & Mudge, at \$291.50; George W. Millar & Co., at \$305; Old Dominion Paper Company, at \$360.90 and \$324.40; Republic Bag & Paper Company, at \$297.70, and R. P. Andrews Paper Company, at \$316.80.

75 reams (36,000 sheets) of 40x48—134, heavy wrapping paper, Dobler & Mudge, at \$899.25; George W. Millar & Co., at \$914.25; Old Dominion Paper Company, at \$831.75 and \$1,735.50; Republic Bag & Paper Company, at \$904.50; Universal Trading Company, at \$906.75, and R. P. Andrews Paper Company, at \$954.75.

600 reams (300,000 sheets) of 17x22, No. 13 white bond paper, Alling & Cory Company, at \$1,560; R. A. Cauthorne Paper Company, at \$2,568; Dobler & Mudge, at \$1,794; Graham Paper Company, at \$1,989; Majestic Mills Paper Company, at \$1,824; Mathers-Lamm Paper Company, at \$1,890 and \$1,814.40; George W. Millar & Co., at \$1,824, and \$1,584 and \$1,488; Old Dominion Paper Company, at \$1,869.60; Satplin Paper Company, at \$2,010 and \$1,740, and Whitaker Paper Company, at \$1,692.

100 reams (50,000 sheets) of 17x28, No. 20, white bond paper, Alling & Cory Company, at \$435; R. A. Cauthorne Paper Company, at \$682; Dobler & Mudge, at \$483; Graham Paper Company, at \$472; Majestic Mills Paper Company, at \$485; Mathers-Lamm Paper Company, at \$516.40 and \$482; George W. Millar & Co., at \$485 and \$420 and \$395; Old Dominion Paper Company, at \$496.90; Satplin Paper Company, at \$532.90 and \$462.80, and Whitaker Paper Company, at \$456.

CLAY

English and American

Uniform Quality

Reliable Service

Try Samples

The **JOHN W**

HIGMAN

COMPANY, INC.

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New York City

Western Representative
CALE B. FORSYTHE

902 Hanselman Bldg.
KALAMAZOO, MICH.

TRADE IN PHILADELPHIA SEASONABLY SATISFACTORY

In Both the Fine and Coarse Paper Divisions of the Market the Buying Indicates Confidence on the Part of the Consumers—Feeling Is Prevalent That Normal Conditions Will Be Restored by Fall—Paper Stock Market Also Shows Improvement—Because of Ill Health of Mr. Hare, the Megargee-Hare Co. Is Liquidating Its Business—Other Trade Notes.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, July 14, 1919.—The summer vacation and off period considered, business in both fine and coarse papers is most satisfactory. The buying indicates entire confidence on the part of consumers. The feeling is prevalent, that with peace virtually here normal conditions will be restored by the fall; that the probability of a decrease in prices is now small or non-existent and that it is the part of wisdom to provide for the future now, for paper requirements as well as for coal and some other commodities which even the Government is urging the consumer to buy. Dealers here feel that the National Paper Trades Association has just as good an opportunity as the national association of the coal trade to spread the gospel of present buying for future requirements.

The course of wrapping papers during the week may presage the course of other grades. During the period the demand was actually greater than the available supply with the result that there was a substantial advance in prices. It is believed, however, that the increase will be permanent even though it was forced by the week's shortage of goods.

The paper stock market experienced some improvement. An increase in buying of high-grade stock was noted and prices are becoming a little firmer although there has been no general advance. Cheap grades of old papers are still sluggish in movement. The rag stock market is real active and prices are firmly held for all grades, some of the grades having been advanced in price. Boat manifests show that during the week there was considerable importation of burlaps, rags and other paper stocks. The British steamer *Wyncotte* from Glasgow and the *Rhode Island* from the same port, both had cargoes of rag stock. The Lockport Paper Company and the Irving National Bank were the consignees.

Megargee Hare Co. to Liquidate

The voluntary liquidation of the big Megargee-Hare Company's business, transfer of its personnel to other firms, principally the D. L. Ward Company, and the taking over of the large building in which for many decades it did business by the Garrett-Buchanan Company adjoining, is regarded as the most important event in local trade annals for the past score of years. Incidentally the Megargee name, once the foremost in paper jobbing ranks in Philadelphia, passes as head of a paper business. Members of the family associated with the Company at its passing will, however, still continue activity in the business with which the family so long has been identified.

The Irwin N. Megargee Company, immediate predecessor of the Megargee-Hare Company, now liquidated and occupant of the big white building 10-12 South Sixth street, was perhaps the best known paper house in all Philadelphia in its prime, ten years or so ago. At its head was U. S. Grant Megargee, one of the most active spirits of the Philadelphia Paper Trade Association and prominent, too, in national trade affairs. The business which at the time of his death he had built up was at one time

the largest jobbing trade in this city and with a reputation which extended all over the country.

The present occupants, the Megargee-Hare Company, had only a comparatively brief business career but it was heir to much prestige and long traditions. It was established January, 1917, by the consolidation of the Irwin N. Megargee Company, 10 and 12 North Sixth street, and the Megargee and Green Company formerly at 1011 Chestnut street. Thomas J. Hare assumed the presidency and continued as such until a few months ago, when, because of failing health, he relinquished his duties in favor of Thomas S. Simpson. The other officers were Vice Presidents J. Arthur Hays, James Andrew and Thomas S. Furlong; treasurer, Mark F. Purcell; secretaries, George W. Hassan and Louis S. Megargee.

But back of the consolidated Megargee-Hare Company was long paper-trade history. Back in 1880 Irwin N. Megargee, who came from a family associated with Philadelphia paper-trade history for almost a century, established the Irwin N. Megargee Company business by associating with himself his brother Ulysses S. Grant Megargee. The Megargee and Green Company was founded in 1882.

The liquidation of the Megargee-Hare business was forecast in the following letter sent out over the signature of President Simpson:

Statement From Mr. Hare

"The condition of Mr. Hare's health has been a source of worry to his friends and associates for a long time. While he has fully recovered, his physician insists that he immediately relieve himself of all possible business detail, and under these circumstances it becomes necessary to liquidate Megargee-Hare Company.

"The company will continue to do business at 12-14 South 6th street until August 1, and suitable arrangements will be made to take care of all orders unfilled by that date.

"The writer wishes to thank the company's friends for past kindnesses and trusts that you will continue to regard the Company's personnel in the same light and that no matter with what Philadelphia house they individually connect, that you will continue to favor them with an opportunity to discuss with you your paper requirements.

"I hope that my personal accounts will continue to favor me in the future as they have in the past, as I will be in a position to serve them by reasons of connections I have made with D. L. Ward Company of this city."

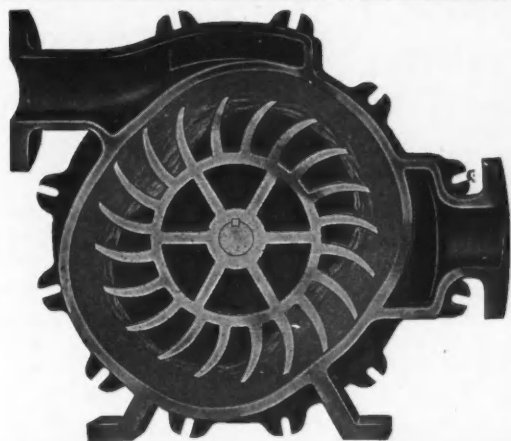
The Liquidating Trustees

The liquidating trustees to whom reference is made, are George W. Ward, of the D. L. Ward Company; A. Hartung, of the A. Hartung Company, and Morgan H. Thomas, of the Garrett-Buchanan Company. They are now engaged in closing up the business as of August 1 next.

In discussing the matter Mr. Ward said today, "While I do not feel that there is public interest in details of the liquidation I do wish to say that every creditor of the Megargee-Hare Company may rest assured that he will be paid in full within discount time under an agreement made between Mr. Hare, who owned a majority of the firm's stock, and the trustees. I wish to add, too, most emphatically, that all the stockholders will be paid at full par value for their holdings." Though Mr. Ward refused to make any further statement it was learned from other sources that about \$300,000 is involved in the transaction.

All the officers of the Megargee-Hare Company have arranged to take positions with the D. L. Ward Company. Mr. Hare has made arrangements to become associated with the Ward Company and from its headquarters to handle the large personal trade which he developed. President Simpson will assist W. S.

(Continued on page 24.)



The Nash Hydro-Turbine Vacuum Pump and Its Advantages

Only three principal parts. Only one moving part, the rotor. Shaft is mounted on high grade annular ball bearings outside of casing. No valves, pistons, rods, crank shafts, loose vanes or gears. Compression is balanced, eliminating side thrust on the rotor. Note that rotor runs in casing with large clearance.

High Efficiency. Absolute Reliability. Air delivered entirely free from pulsation, and therefore can be measured with a Venturi meter. Air is washed as well as compressed and can contain no oil or other impurities. Can be constructed of Acid-Resisting Metal. Upkeep cost is practically nothing. Expert attendant not required.

For Particulars Address

THOMAS H. SAVERY, Jr.

1614 Republic Bldg.

Chicago, Ill.

FROM THE START—

We have tried to give our business individuality and personality and find that both have won for us many friends among large consumers.

The value of this is fully appreciated by us and we feel that the mills working with us must benefit therefrom.

FRED C. STRYPE

320 Broadway New York City

DOMESTIC & EXPORT
WRAPPING
PAPER

Use "NATIONAL" Colors For Your Papers

The dyes offered by the National Aniline & Chemical Company cover every special requirement of the paper manufacturer.

Acid Colors

These colors are adapted to a wide variety of uses, and are noted for their fast qualities.

Metanil Yellow 1955
Croceine Orange Y Conc.
Croceine Scarlet M O O
Fast Red S Conc.
Wool Scarlet B R
Alkali Blue 2 G P
Alkali Blue 3 R P
Nigrosines

Basic Colors

Basic Colors combine brightness of shade with good tinctorial power, but are not so impervious to light.

Auramine N A C
Bismark Brown 53
Victoria Green W B
Safranine A
Methyl Violet 2 B
Methylene Blue 2 B
Fuchsine P

National Aniline & Chemical Company

Incorporated

21 Burling Slip, New York

TRADE IN PHILADELPHIA SEASONABLY SATISFACTORY

(Continued from page 22.)

Willcox in charge of the Fine Paper Department. All the Megargee-Hare employees will find positions awaiting them.

Announcement was made today by the Garrett-Buchanan Company that it had purchased the fixtures and building 10 and 12 South Sixth street, and will add them to its own establishment. It now occupies 18 and 16, the original site, No. 14 formerly occupied by the Riegel Power Company. It is expected that the Garrett-Buchanan Company will occupy the Megargee-Hare quarters about October 1, and thus will become possessed of five fronts in the heart of the city's paper jobbing center.

Philadelphia Paper Co. Settles Labor Trouble

The plant of the Philadelphia Paper Manufacturing Company at Manayunk which has been closed for the last ten days on account of labor troubles, will reopen on Wednesday, an adjustment with the work force having been made. The trouble was precipitated by the insistence of the beater room gangs that they have an 8-hour shift with a 12-hour pay. During the trouble one machine was kept running by the employment of a force of colored men, but in a few days all the machines again will be going.

American Paper Goods Co. Expands

W. F. Leonard, 517 Liberty Building, Philadelphia representative of the American Paper Goods Company, has sent out notification to the trade that it has bought out the envelope and bag business of the Robert Gair Company, 50 Washington street, Brooklyn, N. Y. The addition of the Gair plant will broaden the line of the American Company and new price lists, therefore, also are being sent out. The American Company has added in its Philadelphia branch a new flat paper department which will be under the management of Edward Richards, formerly of the Whiting-Patterson Company. All sales in this department will be by mill shipments.

The A. Hartung Company is remodeling its building at Fifth and Race streets in order to afford room for the expansion of new departments developed during the past year. The large floor space downstairs is being divided into rooms for the accounting and the sales departments, the latter occupying the 506 and 508 Race street and the Accounting 512 Race street. Edward Hartung, son of the head of the house, who has just graduated from the University of Pennsylvania, will have charge of the sales department, while the accounting department will be in charge of J. W. Bowen. The firm has just sent out a new price list of the new lines of paper recently added. These are the Hartco Writing, Enamelled Blotting, Hamilton Enamelled Book, Colonial Translucent, the Orimbo Cover and Pass-card stock.

Goes with Paper House of Pennsylvania

The Paper House of Pennsylvania, 28 North Sixth Street, announces the addition to its sales staff of Breckinridge C. Rust who will specialize on catalogue and book papers. Mr. Rust's long experience in the printing paper field fits him for the work of developing this branch of the business of The Paper House of Pennsylvania. Large buyers of these kinds of paper will find in Mr. Rust a salesman of exceptional judgment in the handling of carload and time contract business.

To Sell Large Quantity of Paper

Notice of the sale of large quantities of paper has been sent out by the District Salvage Board, Committee on Sales of Materials, Ordnance Department, 1710 Market street, Philadelphia. In a letter signed by A. W. Newth, captain, Ordnance Department U. S. A., and attested by William Henderson, Jr., Major,

Ordnance Department, Chairman Committee on Sales of Materials, he says:

I am directed by the Chief of Ordnance to advise you that the following lots of material now stored at the Seven Pines Ordnance Depot, Seven Pines, Va. (near Richmond), have been declared surplus and are offered for immediate sale:

Lot 1.	436,000	Sheets	Creased	Cardboard,	16 $\frac{1}{4}$ " x 36"
Lot 2.	158,300	"	"	"	15 $\frac{1}{4}$ " x 36"
Lot 3.	24,500	"	"	"	24 $\frac{3}{4}$ " x 36"
Lot 4.	52,020	"	Plain	"	13 $\frac{1}{2}$ " x 20 $\frac{1}{4}$ "
Lot 5.	288,835	"	"	"	16 $\frac{1}{4}$ " x 36"
Lot 6.	6,775	"	"	"	24 $\frac{3}{4}$ " x 36"
Lot 7.	3,700	"	"	"	8 $\frac{3}{4}$ " x 17 $\frac{1}{2}$ "
Lot 8.	7,375	"	"	"	21 $\frac{1}{2}$ " x 36"
Lot 9.	143,785	"	"	"	12 $\frac{3}{4}$ " x 12 $\frac{3}{4}$ "
Lot 10.	82,908	"	"	"	15 $\frac{1}{4}$ " x 36"
Lot 11.	95,100	"	"	"	13 $\frac{1}{8}$ " x 13 $\frac{1}{8}$ "

Lot 12. About 200,000 lbs. creased and plain cardboard, various sizes, damaged by weather:

The above lots are 3-ply .100 pasted chip. Lots 1 to 11 inclusive are in excellent condition and well stored. Lot 12 is in a warehouse that was blown down and the cardboard near the wall has been damaged by rain. Part of the lot, while not exposed, is warped. A considerable number of good sheets could be recovered by sorting, but no guarantee or estimate can be made of the quantity, so we prefer to dispose of Lot 12 as "damaged."

This office would like to receive at once your offer for all or such lots as you are interested in. Make your offer at a price per pound. A sealed bid or deposit is not required. Just mail your offer so as to reach this office not later than July 25, 1919.

If your offer is approved, you will be notified and then can forward certified checks and shipping instructions. The material will be sold "as is" F. O. B. Seven Pines, Va. Government weights at shipping point are to govern settlements. Material is to be removed within ten days from date of acceptance of offer.

This lot of cardboard is considered one of the best lots of surplus material that has been offered and we believe that you will be interested in all or several items.

General News of the Trade

Edward Grossman, formerly with the D. L. Ward Company has opened up business for himself in the Mutual Life Building, where he will handle a general line of goods as mill representative.

Thomas Rosenfeld, who saw service in the Navy at the Azores, on the U. S. S. *Bushnell*, returned last week and resumed his duties as outside salesman with the Simon Walter Company. Two members of the firm last week were companions in misfortune. The cars of both President Walter and of Vice-President Thomas Kennedy were both stolen. Mr. Kennedy, however, was fortunate enough to recover his. Now Mr. Walter rides about in a new Buick, instead of the old Overland.

A. L. Hallman, who a few months ago opened up the Federal Paper Company, 902 Walnut street, after a long experience as salesman with A. Hartung, will hereafter represent D. L. Ward as outside salesman. The Federal Company business is being looked after by George Marks.

Lieutenant T. H. B. Smythe, son of J. L. N. Smythe, who for fifteen months was in command of Company B, 313th Service Battalion, in France, returned to his duties with the Smythe Company during the week.

Harry Goeble, manager of the stationery department of the Garrett-Buchanan Company, spent last week in New York.

"AMERICAN" TWINES



- Paper Makers' Twine
- Tube Rope
- Wall Paper Twine
- Hay Rope
- Fine and Coarse Polished Twines
- Manila Rope
- Transmission Rope



For Prices Write Department M

American Manufacturing Company

Largest Makers of Commercial Twines and Rope in the World

Mills and Sales Office:

NOBLE AND WEST STREETS, BROOKLYN, NEW YORK CITY



Souse a sizable sample of KVP Vegetable Parchment paper in either hot or cold water—and it "comes up smiling." It is

Better Wet Than Dry

It saturates, but does not fall to pieces. It will not lint. Contact with water makes it stronger. We have had a sack of this paper filled with water, hanging up for days with almost no loss of moisture.

KVP Vegetable Parchment Paper is strong, protective, greaseproof and

Better Wet Than Dry

Secure samples from

Kalamazoo Vegetable Parchment Company, Kalamazoo, Michigan

"The World's Model Paper Mill"

Manufacturers of waxed and bond papers, and vegetable parchment.

CHICAGO PAPER DEMAND CONTINUES TO IMPROVE

Thought Certain That Prices Will Be Considerably Higher Than They Are at Present—Some Mills Far Behind in Their Orders and Unable to Make Immediate Deliveries to Jobbers, Who Apparently in Many Cases Have Been Caught with Low Stocks—Greatest Advances Have Been Registered in Book Papers, Though All Fine Papers Show Strong Price Tendency.

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, July 14, 1919.—The paper trade here continues to be good, and in all quarters it is considered certain that prices will be higher than they are at the present time. Some of the mills are not promising deliveries before next October, and a great many mills are more than two months behind on their orders. The paper jobbers find themselves swamped with the biggest demand they have known for months, and they are not well fitted to meet this demand out of the light stocks they have been carrying. They are therefore coming to the paper mill representatives and the brokers with rush orders, which cannot be handled as such by the mills on account of the fact that they are so far behind. This creates a great deal of confusion, which is about the only bad feature of the present boom. The market turned so suddenly, after weeks of depression, that there was little chance to make preparations. The paper dealers were caught without oil in their lamps.

Greatest Advance in Book Papers

The greatest advances have been in the book paper department, although all fine papers are now beginning to show the trend of the movement. All coarse papers, especially kraft, are very firm. Within the next week price advances amounting to about a cent and a half are expected in many papers. In fact, the mills have already indicated that their advances will in some instances amount to this much. In other cases the advance will not be more than half a cent, the jobbers here have learned. The effect of the price advances on the demand for paper here has been electrical, showing that many buyers have been holding back their orders, waiting until the market reached bottom. It reached bottom, all right, and bounded up so quickly that many buyers will have to pay a great deal more for paper than would have been the case had they taken the advice of mill salesman to place their orders a few weeks ago.

W. E. Dwight Returns

W. E. Dwight, of the Dwight Bros. Paper Company, has just returned from his summer vacation, which was spent in fishing on the Wisconsin lakes. Mr. Dwight found time to run over to Kalamazoo to visit the city with the Chicago paper dealers and printers on June 27. He usually takes his vacation proper in the winter time, spending about two months in the south, where he has interests. Roger Little, of the fine paper department of Dwight Bros., has left on his vacation. He will motor through Michigan, fishing a little and visiting at the mills in the Kalamazoo Valley.

Strehl Otens Co. to Open Chicago

Strehl Otens Company, Inc., paper boards and specialties, Flat-iron Building, New York City, are locating an office in Chicago on August 1 to take care of business in the Central and Western Territory with Gustav Wuerst in charge.

The Chicago office will be located in the First National Bank Building, entrance Room 926, the office covering Michigan, Ohio, Kentucky, Tennessee and all states south and west thereof.

In securing Mr. Wuerst, this young concern who has come to the front with amazing rapidity since organizing in February of this year, could not have made a better selection for this important position.

Mr. Wuerst is a Western man, having been born in Chicago some 37 years ago. He is thoroughly familiar with the board and paper business in every detail, having entered the field in 1908 as auditor of the American Strawboard Company, Chicago. In 1910 he located in New York with the United Paperboard Company, remaining with them until May, 1918, as treasurer and manager of sales. Upon leaving the United, Mr. Wuerst associated himself with the Seaman Paper Company, New York, as manager of its paper board department. Prior to coming to New York, Mr. Wuerst was a member of the Chicago Board of Trade. He is a Spanish-American war veteran, having served with the 1st Illinois Volunteer Cavalry, and he was also, for six years Captain of Troop "A," 1st Cavalry, Ill. N. G., the "crack" Chicago troop. Mr. Wuerst will conduct the Chicago office along



GUSTAV WUERST.

the same lines of policy and principle as previously announced by the home office, which combined with his exceptional qualifications insures the success of this wise move.

General and Personal Trade News

"Bob" Butterworth, of the Chicago office of the Champion Coated Paper Co., was called to New Orleans last Sunday on account of the serious illness of his father-in-law, Mr. Saunders, who is superintendent of the Bogalusa Paper Company at that point.

William Wolf, of the Paper Mills Company, is leaving this week on his vacation. E. U. Kimbark, of the same firm, has just returned from a trip to Michigan points.

Arthur Bermingham, of the Bermingham & Prosser Company, has just returned from a business trip to Kalamazoo.

George Tolen, of the Midland Paper Company has returned from a trip to some of the Michigan mills.

Louis Dwyer, of the Seaman Paper Company is visiting the paper mills in the Kalamazoo Valley this week. Ben Newhouse, manager of the Minneapolis office of the company, has returned home after a visit at the main office.

Peter G. Thompson, Jr., and Logan Thomson, of the Champion

(Continued on page 44.)

M. GOTTESMAN & COMPANY

Incorporated

18 East 41st Street, New York

Bleached and Unbleached WOOD PULP

of Every Description

Sole Selling Agents for the United States

FOR THE

Ekman & Company.....	Gothenburg, Sweden
Bleached and Unbleached Chemical Pulps	
Bengtsfors Sulfitaktiebolag	Bengtsfors
High Grade Bleached Sulphite	
Eds Cellulosafabriks Aktiebolag	Helgenas
Easy Bleaching and Strong Sulphate (Kraft)	
Forsmarks Cellulosafabrik	Johannisfors, Forsmark
Easy Bleaching and Strong Sulphate (Kraft)	
Hellefors Bruks Aktiebolag.....	Hellefors
Strong Kraft and Easy Bleaching Sulphite	
Frederiksberg Sulphate Mills.....	Frederiksberg
Strong Sulphate (Kraft)	
Laxa Sulphite Mill.....	Laxa
High Grade Easy Bleaching Sulphite	
Gustafsfors Fabriks Aktiebolag.....	Gustafsfors
Easy Bleaching and Strong Sulphate (Kraft)	
Hjerpen Sulphite Mills.....	Jarpen
Mitscherlich Strong Unbleached Sulphite	
Holmens Bruks Och Fabriks Aktiebolag.....	Norrkoping
Strong Unbleached Sulphite	
Wermbohls Fabriks Aktiebolag.....	Katrineholm
Strong and Easy Bleaching Sulphate (Kraft)	
Konga Aktiebolag	Konga
Prime Bleached Sulphite	
Nyhamns Cellulosa Aktiebolag.....	Sundsvall
Easy Bleaching and Strong Unbleached Sulphite	
Ohrvikens Aktiebolag	Skelleftea
Strong Unbleached Sulphite	
Stromsnas Bruks Aktiebolag.....	Stromsnasbruk
Easy Bleaching and Strong Sulphate (Kraft)	

THE ABOVE MILLS HAVE A TOTAL PRODUCTION
IN EXCESS OF 200,000 TONS ANNUALLY.

FOREIGN TRADE VISITORS INSPECT CANADIAN MILLS

Representatives from Japan and Australia Study the Dominion Pulp and Pulp Wood Resources—Hon. F. L. Brique Is Named as President of the Saguenay Pulp & Power Co.—Royal Securities Corp. Underwrites an Issue of 1,500,000 First Mortgage and Refunding Mortgage Serial of 6 Per Cent. Gold Bonds for Whalen Pulp & Paper Mills, Ltd.

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., July 17, 1919.—The keen interest taken in the development of the pulp and paper trade throughout the world, as the result of which greater attention is being paid to the progress of the industry in Canada, is indicated by the fact that this week representatives from as far as Japan and Australia have been visitors to Montreal to study conditions in this part of the Dominion.

The representative from Japan, Tadashi Manasaki, stated that his firm was a buyer of high grade sulphite, importing as much as 50,000 tons a year, most of which came from the United States. Now, however, his people are looking more to Canada for their supplies.

"I am here to make inquiries as to how much we can buy and on what terms. While it is an advantage for us to buy on the Pacific coast we are also prepared to buy in the East and pay the extra freight charges." Mr. Manasaki is the acting director of the Tokyo Trading Company, Tokyo, Japan.

The Australian representative, I. H. Boas, is chief of the Forest Products Laboratory, of the Forestry Department of Australia. He has been delegated by the Australian Government to look into forest products business practically all over the world. "The Australian Government," said Mr. Boas, "is planning to promote and assist forest production and proposes to establish a forestry laboratory on the most up-to-date plan. Already action has been taken, and will be continued in planting sand waste areas with pulpwood trees. At the present time Australia is importing all her pulp and paper." Mr. Boas left for England this week and after examining conditions there will go to France and other European countries on his way back to Australia.

Saguenay Pulp and Power Directors

At a meeting of the Saguenay Pulp and Power Company, Hon. F. L. Beique, Hon. J. Marcelin Wilson and Hon. Nemese Garneau, and Edward C. Pratt, Louis Chable, J. E. A. Dubuc, Joseph Quintal, R. A. Hammond and John T. Steel, were elected members of the board of directors. Senator Beique was named president, and Hon. N. Garneau, vice-president.

Pulp Wood for Detroit Fibre Co.

The Kyo Rivers Improvement Company of Port Arthur, Ont., is making good progress with their contract for 8,000 cords of pulpwood for the Detroit Sulphite Fibre Company. The first shipment was made May 20 and the last one, consisting of 1,900 cords taken by the steamer Green and two barges, brings the total shipped to the present to 5,000 cords.

Big Advance in Stock Prices

The group stocks on the Canadian exchanges have made a very presentable showing for the first six months of the year, the cottons, steels and papers giving a good lead to the miscellaneous stocks. Thirteen cotton stocks had an aggregate rise of 140 points, averaging about 10.70 per stock. Steels and construction securities showed, for 19 stocks, an aggregate market appreciation of 160½ points, being an average of about 8.40 points

per stock. The pulp and paper stock, however, show the most substantial gains, 13 stocks advancing 241¾ points, or an average of 18½ points per stock.

The tables show the pulp and paper group with comparative prices at the beginning and end of the first half of the present calendar year on the Montreal exchange:

	Jan. 1919	July 1919	Advance in 6 months.
Abitibi Pulp and Paper.....	48	80	32
Do. pfd.....	91	107	16
Brompton Paper.....	60	63¼	3¼
N. Amer. Pulp.....	2½	6¼	3¾
Howard Smith.....	65	78	13
" " pfd.....	78	87	9
Laurentide Paper.....	197	221	24
Price Bros., Ltd.....	155	210	55
Riordon Paper.....	117¼	138	20¾
Do. pfd.....	94	98	4
Spanish River.....	17¼	44	26¾
Do. pfd.....	65	107	42
Wayagamack Pulp.....	54¾	47	7¾ Down.

Whalen Pulp and Paper Bonds

An issue of \$1,500,000 first mortgage and refunding mortgage serial 6 per cent. gold bonds of the Whalen Pulp and Paper Mills, Limited, has been underwritten by the Royal Securities Corporation of Montreal, and Peabody Houghteling & Co. of Chicago. The bonds mature serially from 1921 to 1934 and are secured by specific mortgage on assets exceeding \$15,400,000 in value. Inclusive of the above issue, the total bonded indebtedness of the company is \$3,500,000.

The new financing will not only refund large expenditures made by the organization during the past few years on its three mills, but provide approximately \$1,200,000 of working capital for profitable expansion in both the pulp and paper and lumber divisions, this business extending to the American Middle West, the Pacific Coast, Japan, and other Oriental markets and to Australia.

In Court for Running Plant Sunday

Judgment has been delivered in the case of Price Bros. & Co. of Quebec, against whom information was laid sometime ago for operating one of their paper plants at Kenogami on Sunday. The Court of Appeals rendered judgment against the company on the question of Sunday labor on June 27, and Price Bros. are now considering the advisability of carrying the matter to a higher tribunal.

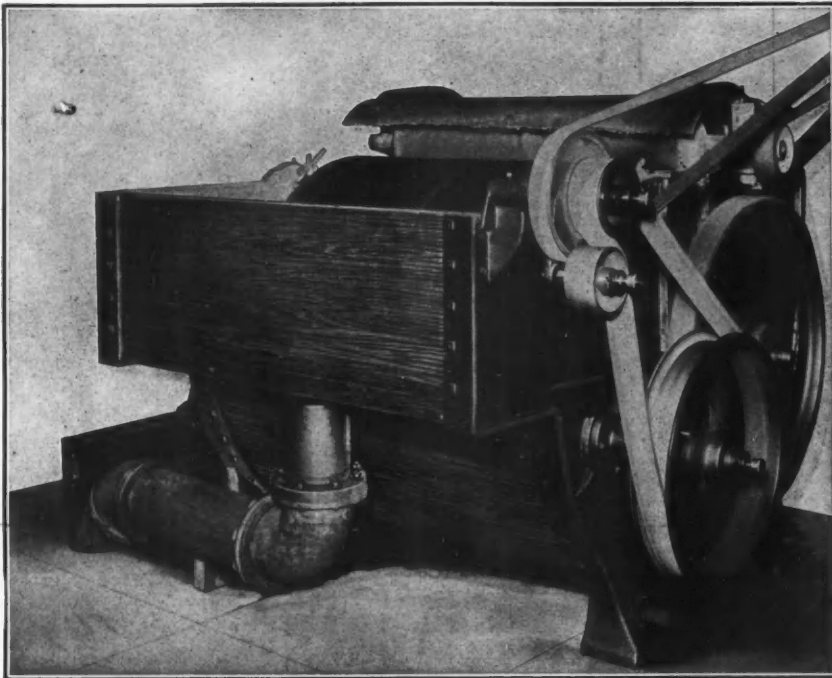
The installation of a further unit at the company's paper mill at Kenogami is proceeding satisfactorily and it is expected that it will be in operation about December. The high scale of wages prevailing and the excessive cost of all camp material is bound, in the opinion of Price Bros., to raise the price of wood. The company is building a new and thoroughly up-to-date saw mill at Matane, Que., which will be ready for next season's cut.

Facts About Canada's Paper

The Rolland Paper Company, Limited, of Montreal, has issued a neat leaflet, entitled, "Facts Concerning Canada's Production of Paper." The company state the first mill to make finished high-grade bond and writing papers was built by them in 1882, at St. Jerome, Que., on the North River and that the mill was equipped to produce a loft-dried and tub-sized paper of the highest order and immediately specialized in all rag paper which was water-marked. In 1885 this paper captured the gold medal at Antwerp, in 1893 the gold medal at Chicago, and in 1900 the Grand Prix at Paris. In 1912 the Northern Mills Company of Montreal, Que., were taken over by the Rolland Paper Com-

(Continued on page 60.)

Are You Saving Money at a Profit?



IT is costing some paper makers more to reclaim the waste stuff from their waste water than the fibre is actually worth when the upkeep of equipment, direct labor, and deterioration of stock is considered.

Others, and their number is constantly growing, are reclaiming a very high percentage and returning it immediately to the paper machine without the expense of direct labor, the loss from deterioration, or the upkeep cost of expensive equipment.

BIRD
MACHINERY

They are saving money at a profit.

They are the users of the Bird Save-All.

Catalog 2-A sent free on request.

BIRD MACHINE COMPANY, East Walpole, Mass.

T. H. Savery Jr., Western Representation
1630 Republic Bldg., Chicago, Ill.

THE BIRD SAVE-ALL

New York Trade Jottings

L. B. Steward, secretary of the American Paper and Pulp Association, has returned to his desk at 18 E. 41st street, after a brief vacation spent in Maine.

Good paper and pulp salesmen seem to be scarce at the present time. Quite a few of the New York paper houses are in need of good men for work in both the city territory and on the road.

E. H. Gould, for twelve years connected with the National Wax and Parchment Paper Company of Brooklyn, has now joined the sales forces of the Domestic Mills Company, with offices at 98 Reade street.

R. B. Taft, New York representative of the Hammermill Paper Company of Erie, Pa., left the city for a brief business trip in New York state on Monday. Mr. Taft will be back at his desk at the end of the week.

C. J. Lauer has succeeded J. C. Deery as head of the staff of general salesmen of the Seaman Paper Company of 200 Fifth avenue. At the offices of the Seaman Company it was not known what Mr. Deery's plans are for the future.

William Seifert of the Frank Gilbert Paper Company of Waterford, N. Y., visited the New York trade this week. Mr. Seifert made his headquarters with the Knode-Ebbets Company at 501 Fifth avenue, the New York agents of this firm.

It was announced this week that the Sutphin Paper Company of 439 Lafayette street, had been appointed as selling agent for Manifest Bond, which is made by the Eastern Manufacturing Company. The paper is manufactured in white and six colors.

The National Association of Waste Material Dealers, which recently opened offices in the Times building, has laid plans to become incorporated under the laws of New York state, according to Charles M. Haskins, secretary. At present the corporation charter has not yet been granted but the papers are expected back from Albany in the near future.

The preferred stock of the American Writing Paper Company is creating a merry run on the New York Stock Exchange. Last week on one day the stock made a net gain of 4 points when it sold at 57 $\frac{1}{2}$. A week ago today the stock was selling at 50. Last winter at 30. The action on the stock recalls the rumor that has drifted this way several times during the past few months that in the course of time the present controlling forces of the "combine" would manipulate the stock up to a high figure and then unload.

Forms American Paper Mills Corporation

Supplementing the news of his withdrawal from the Beekman Paper and Card Company, Inc., M. H. Freimark announces the formation of the American Paper Mills Corporation, a New York State organization with a capital stock of \$100,000.00 fully paid in.

The new company is now ready for business—handsomely equipped offices having been established at 38 Park Row and a warehouse with a large storage capacity centrally located at 295-309 Lafayette Street where complete lines of coated, book, litho., bond and writing papers; postcards, coated blanks, etc., are stocked in large quantities and varied assortment ready for immediate delivery.

An aggressive and capable sales organization of experienced men thoroughly familiar with the needs of paper buyers is being

rapidly moulded into shape. Important features of the plan and scope of the new company involve the extensive exploitation direct to the ultimate consumer of the "Ampamico" grades of paper for every purpose, together with direct mill and export business.

Although Mr. Freimark's direct and active connection with the paper trade dates back only three years, his indirect connection goes back some eighteen years, for during that time he was con-



M. H. FREIMARK.

nected in executive positions with two of the largest printing plants in New York City. He is widely and favorably known for his constructive work in the printing trade. His thorough and extensive knowledge of the puzzling problems that beset the printer, together with his ability to fulfill the exacting demands and requirements of paper buyers and users, have undoubtedly been important factors in his remarkable success in the paper field in so short a time. His well-known advocacy of the "Square Deal" in business and for a better understanding between the paper buyer and the paper merchant has earned for him an enviable reputation.

If past performances are any criterion, Mr. Freimark should soon establish for the American Paper Mills Corporation a position among the leaders of the trade.

Associated with Mr. Freimark as secretary of the company, is Louis J. Samalman, who is well known to the trade as an auditor and credit man.

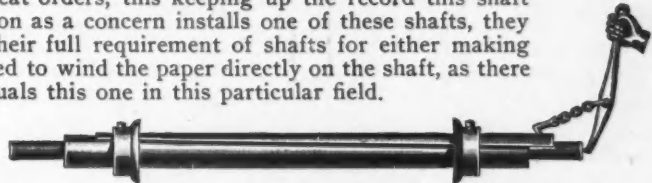
Esleek Paper Company to Build

[FROM OUR REGULAR CORRESPONDENT.]

TURNER'S FALLS, MASS., July 12, 1919.—Announcement is made by the Esleek Paper Company that a new building, 120x60, five stories, will soon be erected on the company's land, between the mill and the bridge, to be used mainly by the finishing department. A part will be used for store room.

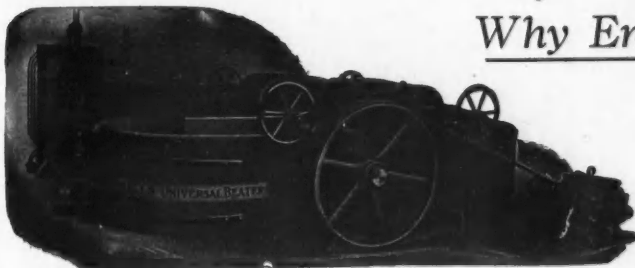
THE BAKER & SHEVLIN Patent Split Winder Shaft

There are now over 600 of these shafts in use. We have lately secured a number of new customers for them due to renewed selling efforts. Several of these new customers have already sent us repeat orders, this keeping up the record this shaft has always had which is, that as soon as a concern installs one of these shafts, they lose no time in placing orders for their full requirement of shafts for either making paper cores or use where it is desired to wind the paper directly on the shaft, as there is no shaft in the market which equals this one in this particular field.



BAKER MANUFACTURING CORPORATION
Formerly BAKER & SHEVLIN Co. SARATOGA SPRINGS, N. Y.
Established 1881

Fourdrinier and Cylinder Paper Machines



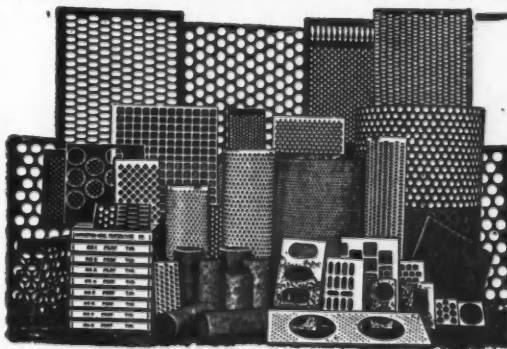
Why Enlarge Your Beater Room?

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

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

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

FOR

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.
618 NORTH UNION AVE., CHICAGO, ILL. 114 LIBERTY ST., NEW YORK, N. Y.

Obituary

J. P. Keogh

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, O., July 14, 1919.—The trade was pained to learn this week of the death of J. P. Keogh, senior member of the firm of Keogh & Rike Paper Company of this city. Mr. Keogh had been ill for two years though he had been bedfast not more than three weeks. He suffered from cirrhosis of the liver and at times it appeared that he would recover. However, he had been unable to give personal attention to business for nearly two years.

Mr. Keogh was born in Northampton, Mass., and at the time of his death was 66 years of age. He came to the Miami Valley from the East forty years ago and located in Franklin, where he became superintendent of the Eagle Paper Company, whose mills were among the best in this section. However, the mills in the course of time changed hands and finally passed out of existence. After serving as superintendent of the Eagle mills for a number of years he came to Dayton and associated himself with the Mead Pulp & Paper Company, finally becoming general superintendent. He held this position for sixteen years when he associated himself in business with B. I. Rike, who also had been identified with the Mead Company for a number of years, representing the office or business end.

Keogh & Rike made an ideal firm as each member was familiar with his particular line of work. They organized the Keogh & Rike company and established a wholesale establishment on East Third street which was a success from the start. The firm now is recognized as one of the leading enterprises of Dayton.

Subsequently Mr. Rike formed the Rike Folding Box Company which established a large factory in Edgemont and Mr. Keogh became a member of the directorate. Thus Mr. Rike devoted much of his time to the Rike Company and Mr. Keogh to the Keogh & Rike Company. He was president of the latter company from the time of its organization until his death and in this capacity he made a large acquaintance in the trade.

Personally, there were few men in Dayton who was more highly esteemed. His friendships were long and lasting and his social qualities were of the highest. He was a great lover of the horse and it was his pride to mount a sulky and try out a speedster on the Montgomery county fairgrounds track. He was a charter member of the Dayton Driving Club and could always be counted on to take an active interest in the races which were given each summer by this organization, merely for the sport. He also was a charter member of the Dayton Lodge of Elks.

Mr. Keogh is survived by his widow, Mrs. Nellie Keogh and four sons, James A. of Bowling Green, Ky.; William A. of Cleveland; Frank J. of Detroit, and Robert M. of Dayton. Three brothers and one sister also survive, all of whom reside in the East.

The funeral was held Monday from his late home on Kemp Road and was attended by many members of the trade and scores of friends who are not identified with the paper business.

Mr. Fort Heads Federal Trade Commission

Following its usual rules of procedure the Federal Trade Commission last week held its annual election of a chairman. The chairmanship for the Commission rotates annually and it being impossible for Vice-Chairman John Franklin Fort to come to Washington at this time, owing to a recent illness, the Commission, in order to comply with its rules, went to his home at Newark to hold the election. Governor Fort was unanimously chosen chairman and Victor Murdock of Kansas, vice-chairman. As vice-chairman, Mr. Murdock will sit as acting chairman during any absence of the chairman.

John Franklin Fort was at one time Judge of the Supreme Court of the State of New Jersey and previously had long practiced law in the East. He preceded President Wilson as Governor of New Jersey.

Salesmen of Brown Paper Co. Meet

On June 19, 20 and 21 the Brown Paper Company of St. Louis, Mo., held its Fourth Annual Salesmen Convention at the office of the company, 1220 Spruce Street.

The Convention was attended by all the salesmen of the company. E. Morris, Pacific Coast Representative, made a special trip from Los Angeles, Cal., to attend this year's convention.

The meetings consisted of a series of paper, twine and manufactured specialty talks, which were highly instructive to the sellers of the popular Bronco Brands. A dinner at the Missouri Athletic Club followed by a moonlight boat excursion and a banquet at the Bevo mill furnished much pleasure and entertainment. The program of the convention included the following addresses: Bronco Brand Specialties, E. Sebastian; "Our Twine Department," T. J. Linebach; "Wrapping Papers, New and Old," H. C. Orchard; "1920 Selling Methods," W. L. Friend; "Treated Papers," W. L. Weenick.

The Brown Paper Company is the originator of Bronco Brands. It has specialized and developed a wide field on kraft gummed sealing tapes and has a very complete printing department for the printing of gummed tapes. Besides its regular line of wrappings, it also is the distributors of Mosinee kraft.



PICTURE TAKEN AT THE ANNUAL CONVENTION OF THE SALESMEN OF THE BROWN PAPER CO., ST. LOUIS.



From Tree Trunks to Finished Product



THE maintenance of our large daily output is assured by the fact that we handle every phase of the transformation of wood into paper in our own plant.

Manila and White Wood Envelope Papers

and

Sulphite Bond

From slashers and chippers to wet laps and dryers our product is directly under our own supervision. Thus our daily capacity of

80 tons of paper
60 tons of sulphite fibre
50 tons of wood fibre

represents a product prepared entirely under our own supervision for the special needs of our customers.

We solicit your business.

The Parker-Young Co.

Office, 131 State Street

BOSTON,

MASS.

PROGRESS IN THE PREPARATION OF THE VOCATIONAL EDUCATIONAL TEXT BOOK

The following brief statement of the progress to date in the preparation of the text books to be published under the auspices of the Technical Association of the Pulp and Paper Industry of the United States and the Technical Section of the Canadian Pulp and Paper Association is furnished by J. N. Stephenson, editor of the course:

Scope of the Work

This has been outlined in the technical journals and has been distributed in pamphlet form by the secretary of the Executive Committee on Vocational Education. It will consist of four volumes, each approximately of 500 pages, which will cover the topics as mentioned in the following paragraphs, which will also give the name of the author and the approximate number of pages for each section.

VOLUME 1. PRELIMINARY INSTRUCTION.

Arithmetic, by J. J. Clark, Scranton, Pa., about 150 pages, practically finished.

Mathematical Applications (mensuration, special problems, etc.), about 100 pages, by J. J. Clark, practically completed.

Elementary Chemistry, by T. L. Crossley, about 100 pages, more than one-third completed.

Elementary Physics, about 60 pages, by E. S. Graham, Hawkesbury, Ont.

Mechanics and Hydraulics, about 60 pages, by E. J. Graham.

Elementary Electricity, about 60 pages, by J. S. Riddle, Grand Mere, P. Q.

VOLUME 2. PREPARATIONS OF PULPS.

Preface: Outline of the character of the work and a brief summary of pulp history.

Introduction: Importance of wood, logging operations, etc. Distribution and properties of wood. Other substances for pulp making, partly prepared.

Section 1. Wood Preparation, about 32 pages.

Section 2. Mechanical Pulp, 48 pages.

Section 3. Sulphite Pulp, 96 pages, by B. Johnson, Erie, Pa.

Section 4. Soda Pulp, by A. B. Larchar, Old Town, Me., 96 pages, partly prepared.

Section 5. Sulphate Pulp, 48 pages, by Elis Olssen, West Point, Va.

Section 6. Treatment of Pulp, 48 pages, by J. O. Mason, Grand Mere, P. Q.

Section 7. Bleaching of Pulp, 32 pages, by H. H. Hanson, under way.

Section 8. Analysis and Testing of Raw Materials and Pulp, 64 pages, by Max Cline, practically finished.

VOLUME 3. MANUFACTURE OF PAPER.

Preface: Scope of the volume and brief history of paper making.

Introduction: Fibres and materials other than wood and their sources, by Howard Atterbury, N. Y.

Section 9. Preparation of Rag and Other Fibres, 96 pages, by E. C. Tucker, Holyoke, Mass.

Section 10. Treatment of Waste Papers, about 48 pages.

Section 11. Beating and Mixing, 96 pages, by A. B. Greene, Erie, Pa., well under way.

Section 12. Engine Sizing, 32 pages, by J. A. DeCew, N. Y.

Section 13. Coloring, 32 pages, by Otto Kress, Madison, Wis.

Section 14. Loading, 16 pages.

Section 15. Paper Making Mechanics, 175 pages, by J. W. Brassington, Wilmington, Del.

VOLUME 4. MANUFACTURE OF PAPER (continued).

Tub Sized Papers, 16 pages, by R. O. Harper, Housatonic, Mass., under way.

Section 17. Finishing Operations, 48 pages, by H. J. Guild, Bangor, Me.

Section 18. Special Papers and Boards, 48 pages, by separate authors.

Section 19. Paper Testing, 64 pages, by F. C. Clark, Holyoke, Mass.

Section 20. Laboratory Equipment, 16 pages.

Section 21. General Mill Equipment, 90 pages.

Section 22. Trade Customs and Mill Organization, 48 pages.

Section 23. Dictionary of Papers, Tables, etc.

May Be Ready By End of Year

Special effort is being made to produce the work in logical order and it is hoped that the preliminary sections will be ready for use by the end of the year. It must be borne in mind that a very large work is being attempted and that unavoidable delays are bound to occur, and that the rate of preparation depends to a considerable extent upon the ability of busy men to get time for the preparation of their contributions.

Co-operation Requested

It will be especially helpful to the committee if the members of our technical organizations and all others connected with the industry who are in any position to do so will co-operate by sending in suggestions to the editor that would tend to make the work more complete and up-to-date. This applies particularly to mills where a process, perhaps for the first time, or where a particular piece of equipment has been found to be of special benefit, and where some wrinkle in improving the daily routine of mill work has been found specially satisfactory.

Such things as washing felts, cleaning wires, lubricating machinery, moving materials, wrapping, loading and storing and such matters may contain just the points that are needed to round out the treatment of a particular subject and the editor will be glad to pass on any such information to the authors of the section to which it applies.

Another manner in which the industry could do itself a service as well as assisting the committee, is by sending in practical questions in regard to machines and processes and their operation and also of numerical examples which apply to any of the many phases of the industry.

All such co-operation and suggestions will be very greatly appreciated.

R. S. KELLOGG, *Secretary*.

To Make Filter Paper

For many years an excellent quality of filter paper for qualitative chemical analysis has been made in this country, but that known as quantitative paper, for exact analytical work, was imported chiefly from Germany and Sweden, until the war began. Then English manufacturers are subsequently those of France and Japan developed quantitative paper and supplied the American market. Of late a paper of unusual merit and evenness of grade for exact chemical work has been produced in the industrial research laboratory of Arthur D. Little, Inc., of Cambridge, Mass., who are about to make both the pulp and the paper in their establishment. It is washed, as is customary, with hydrochloric and hydrofluoric acids, and to assure the extreme measure of purity and absence of ash, it is manufactured with distilled water for which a large still has been erected. It will soon be put upon the market.

When your tire hits a brickbat

—as you are spinning along at a good speed, it gets a blow that would smash a steel bar.

How does a tire stand it? Because a pneumatic tire yields to the impact of the blow, absorbs it throughout its casing, and springs back to its original shape.

Obviously the tire that can absorb the greatest shock with the *least jolt* and *least damage* is the easiest riding and most durable tire.

The Silvertown Cord Tire has been proved by *actual hammer test* able to withstand double the blow that ordinary tires can before it shows injury.

The reason is Silvertown's specially wrapped cable-cord body, which absorbs extreme shock, distributing it along the full length of its thewlike cable cord, much as a coil spring takes up the smash of a blow.

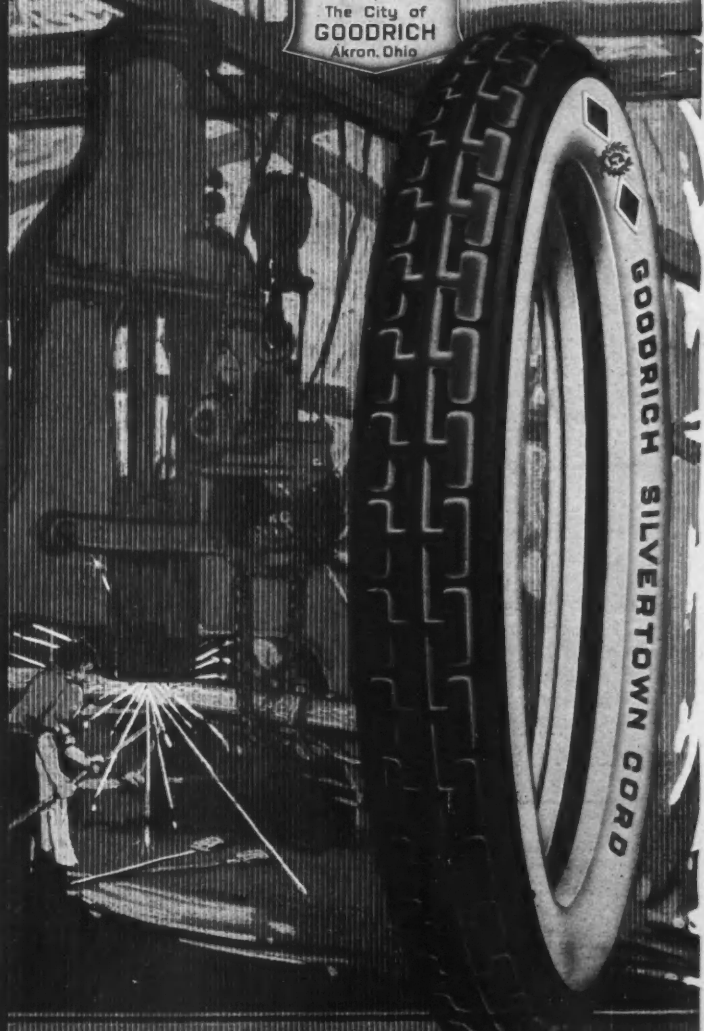
Therefore, it is scientific logic that Silvertown's unique structure does meet the jolt and jar of rough travel with smoother riding ease, and lives to deliver greater mileage.

In the beginning know Silvertown by the *Twin-Red-Diamonds* on the sidewall; and you will remember them in the end by their perfect service.

Buy Goodrich Tires from a Dealer.

ADJUSTMENT

Fabrics 6,000 miles — Cords 8,000 miles



GOODRICH TIRES

"BEST IN THE LONG RUN"

THE WASP, OUR FIRST PAPER MAKER

I gained a deep respect for the wasp while still in the tender days of my youth, says a writer in *Kem*, the house organ of the Western Paper Makers' Chemical Company, for the world's first paper maker is indeed a marvelous brute.

I gained a deep respect for the wasp while still in the tender days of youth. And the factful chatter of my naturalist friend simply added to that respect—for the world's first paper maker is indeed a marvelous little brute.

In six short summer months it is his (or rather, her) destiny to be born, eat, love, work and die. The bee has several leisurely years, but the wasp carries as her motto, "Do it immediately or get off the earth." Where are the loafers who at the ages of one-score to four say, "We have not enough time!" Know ye this: There is never time for the flat-bellied snail were it to drift through the centuries. There is always time for heroic, firm-willed activity.

The wasp dies—and as a monument to her industry leaves a splendidly organized, well-housed city of thirty thousand souls. Love and labor on the wing! No time to tarry in the sunlight as do humans! Straight to its goal with a burning enthusiasm it goes! As a paper maker she flies in a class by her lonesome.

Many of these little beasts, with bayonets where the tail light ought to be, hang their homes in the air. And it was such a home we examined. This was built of a strong, coarse paper—so firm as to defy the heaviest rains—built by the daughters of a savage mother, who hasten to the forest, select some thoroughly prepared wood which has been soaking, steeped by Nature such as huge digestors cook rags. Then with a strong, sharp tooth they know, tear, loosen and detach rebellious filaments—pound them into pulp and knead them with a tongue as thick as many were on June 30.

This pulp is spread into place in thin layers and, under the press of clamped teeth, the pulp paper fabric is completed. The basis "stocks" is prepared!

The big, powerful envelope is made in a series of blisters to protect the cell-like homes inside this city of winged workers.

When a wasp brings a ball of paste or pulp to the nest under construction (the high cost of building materials never worries the wasp) it draws out the little mass with its jaws and feet into a ribbon-like form along the edge of the wall. With its tongue it puts on the brightness and polish. This little member gives many nests a genuine "Superior" finish. I also know a man who owes his reputation for "brightness and polish" to a numble tongue!

When a wasp finds a good source of supply it knows enough to keep returning to the spot—we can vouch for this being an attribute to wise bipeds as well, the way mills habitually address envelopes containing orders for paper makers' chemicals to the homes of "Superior."

And the wasp never mixes her drinks! The pulp from a birch makes a white zone on the nest, the pulp from a poplar will be green, and so on. But if she happens to bring in a load of a different color she has sense enough to deposit it against similar substance. "Superior" and inferior chemicals can be mixed, but it means loss of uniformity.

Paper making wasps are called social insects. They live at home and stick to their trade. They mix and fight and love—ardently and unhesitatingly—"for home and country."

Our common American hornet comes in this group. Professor Jaeger, nearly seventy years ago, advised that experiments be made with the wood from which wasps manufacture paper. Since then the hint of the wasps has been acted upon and wood has become "the source" of millions of tons of paper. But no one has even been able to incorporate the wasp. The only guy who tried it got stung.

The wasp sets a lofty example of unselfishness and devotion to everyone, its ideal seemingly being to die in harness that posterity

may have less cause to labor—the eternal instinct of self-preservation unhampered by conventionalities.

There is no such thing as being diplomatic to a wasp. Either you "keep to the right" or have a fight on your hands, or face, or wherever it may happen to strike! Not a member of the tribe dares to be lazy. Dagger thrusts stir them up when they lag.

American Writing Revises Sale Territories

The American Writing Paper Company has revised its sales territories to make them more workable and convenient in serving its customers and in soliciting business.

A Boston office has been established at 77 Franklin street, Room 504, Columbian Life Building, with Charles B. Foster, formerly Washington manager, in charge. This office will meet the increase of business in New England territory and furnish a means of closer relationship with customers consistent with "Eagle A" principles of personalized service. Mr. Foster will devote himself exclusively to the Eastern New England paper trade, particularly that of Boston and its vicinity.

The active field men in the American Writing Paper Company's sales territories are as follows:

New England—Chas. B. Foster, manager, 77 Franklin street, Boston, Mass.; James L. Wallace.

Boston city—Chas. B. Foster.

New York City—L. F. Hayward, solicitor, 41 Park Row, New York City; W. H. Haskell, E. C. Chadwick, Lawrence Stedman, W. B. Hunter.

Buffalo—John L. Forsythe, solicitor, 416 Prudential Building, Buffalo.

Philadelphia—W. B. Snyder, manager, The Bourse, Philadelphia, Pa.

Washington—Guy V. Norwood, manager, 1001 Woodward Building, Washington, D. C.

Southern—H. Carroll Jamerson.—No office established.

Chicago—J. L. Lemmon, 10 S. La Salle street, Chicago, Ill.; C. J. Cadwell, W. A. Jones, K. M. Dodson.

Pacific Coast—Chas. P. Armstrong, manager, 631 Market street, San Francisco.

Department of Sales, Traveling from Holyoke—J. C. DeCoster, manager, papeteries and book section; R. C. Chapin, manager envelope section; G. M. Holbrook, papeteries; W. J. Blackley, covers; F. W. Hastings, Jr., manager shaded watermark papers; L. R. Coppage, specialties; R. D. W. Ewing, special; C. Allen Bowles, special; Geo. A. MacAlpine, Windsor products.

To Seek Paper Mill Site in Minnesota

ST. PAUL, Minn., July 9, 1919.—Search for a suitable water power site for the proposed state paper mills will be made soon by a committee of the Minnesota Editorial Association, made up of A. M. Atkinson, Mesaba, Ore., and Frank A. Day, Fairmont Sentinel, the latter announced yesterday, after a conference with State Auditor Preus.

The 1919 Legislature provided \$500 for investigating and locating feasible water power sites for state owned paper mills, the fund to be expended by the editorial committee. The newspaper men's organization previously had urged the erection of a state-owned mill to insure a market for pulp wood and to utilize available water power on state land, and also to insure Minnesota publishers print paper at reasonable prices.

Auditor Preus and the committee members will leave probably next month to inspect possible sites north of Ely, on Lake Vermilion, the Brule and the Devil's Tract on the north shore of Lake Superior. In those sections are large tracts of state lands holding water power and supplies of pulp wood.

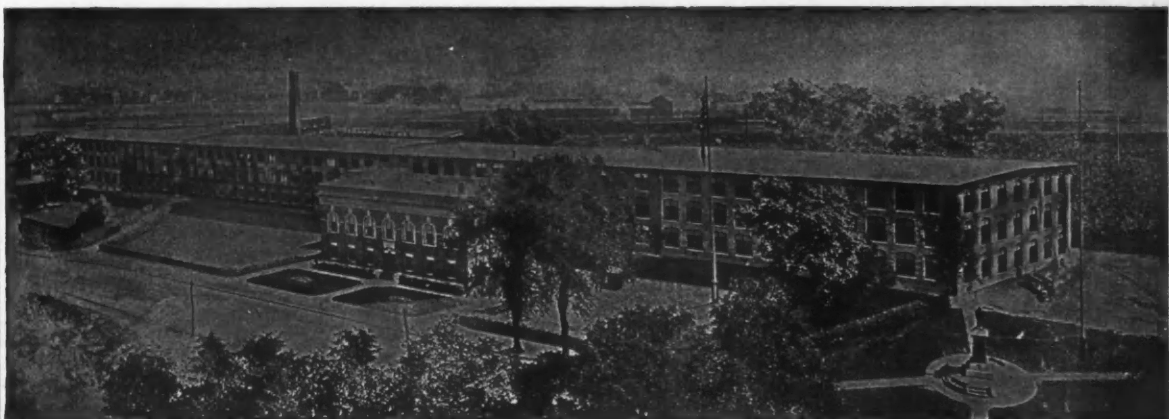
HOWARD BOND

WATERMARKED

Color Brilliant : Strength Wonderful

THE HOWARD PAPER CO.
URBANA, OHIO

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.

Recent Incorporations

OLD MILL PAPER PRODUCTS CORPORATION. Manhattan, New York. Capital, \$1,000. Incorporators, J. A. Canfield, C. A. Newfang and Robert B. Miner, Madison, N. J.

THE NEWFORT COMPANY, Delaware; dyestuffs, chemicals, &c. Capital, \$5,000,000. Incorporators, T. L. Croteau, P. B. Drew, H. E. Knox of Wilmington.

ART BINDERY AND SAMPLE CARD COMPANY, Manhattan, New York. Capital, \$5,000. Incorporators, A. Magidson, H. Kefkowitz, S. Levine, 929 East 167th street.

Victory Factory Alliance Has Field Day

MARINETTE, Wis., July 9, 1919.—The First Annual Field Day of the Victory Factory Alliance, which is an organization of employees of the Victory Bag and Paper Company of Marinette, Wis., was held Saturday, June the 28, at Pine Beach, a summer resort a few miles from Marinette, on Green Bay, and was one of the most successful and enjoyable outings ever held on the shore.

Four special cars left the factory at 10 o'clock in the morning, to the music of the Victory Factory Alliance Band playing patriotic airs, arriving at the grounds about eleven o'clock.

Dinner was served in the open air near the Bay, to over 150, and the printed menu card was arranged with the names of bags, turned out at the factory.

During the feast an association press bulletin was read, announcing the signing of Peace, and the entire assemblance rose, the band playing The Star Spangled Banner, everybody singing the national anthem, making a very impressive pause in the repast.

After this splendid feast, the entire afternoon was taken up with games of all kinds, such as tug-of-war, for men and women; potato race for men and women; standing broad jump for men and women; children's shoe and stocking race; one hundred yard

dash, men's race; fifty yard dash, women's race; sack race for men and women; nail driving contest for men and women.

The band of the Alliance was composed of eight pieces, all of whom are employed in the Victory factory. The band has won high praise for the several public concerts which it has given.

After the seven o'clock lunch, and rest for an hour, a splendid dance program was had, lasting until midnight, and several prizes were given for dances of different kinds, which added to the zest and pleasure of the employees.

All of the officers of the Victory Bag & Paper Company, including the President, A. Pareira and his wife, were present, and added in making the day a memorial one for the employees of the Victory Bag and Paper Company's factory.

Pulp From Southern Pine Stumps

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, July 8, 1919.—The time is coming, and at no distant date, when the owners of Southern cutover timberlands, especially in the Coastal Plain area, will be paid for the privilege of clearing their lands of the yellow pine stumps that now disfigure them. This is the opinion of Clement S. Ucker, vice-president of the Southern Settlement and Development Organization, who has just returned from a trip of investigation.

Millions of pine stumps throughout the Southern States constitute a veritable mine of materials needed by many industries and many countries for various purposes. These materials can be made available by pulling the stumps out with powerful machinery and putting them through the process of distillation. The stumps are becoming so valuable, it is said, that there will be competition to purchase them.

There are plants running successfully in Georgia and other Southern States where pine stumps are being successfully converted into rosin, turpentine, pine oil and various other oils.



GROUP PICTURE TAKEN AT THE FIELD DAY OF THE VICTORY FACTORY ALLIANCE.



LIVE AND DEAD LINES

SOME lines in your stock are just merchandise—others are active live forces in your business.

Such as the latter are the Oval Wood Dish lines; they bring an individual force into your sales program.

This company has distributed its products thru jobbers for almost a half century, it selected the jobber as its distributive factor, and it has been loyal to him.

Deliveries, price movements, distributing plans, processes of manufacture even, have been synchronized with the jobbers interests.

Those jobbers who have specialized on Oval Wood Dish products have found that Oval Dish lines give impetus and strength to the merchandising policies of the entire house.

Riteshape Wooden Dishes O. W. D. Wire End Dishes
Oval Wooden Dishes All sizes of Clothespins



The Oval Wood Dish Co.

Manufacturers

Tupper Lake, New York

Western Sales Offices:
 37 S. Wabash Ave.,
 Chicago

Eastern Sales Office:
 110 W. 40th St.,
 New York City

**The ONLY
 COMPLETE
 LINE
 ½ to 10 LBS.**



Editorial

Vol. LXVIII. New York, Thursday, July 17, 1919 No. 29
FORTY-SEVENTH YEAR

Big Demand For News Print

The enormous volume of advertising which is being placed with the newspapers all over the country, has created such a great demand for news print paper that the manufacturers are greatly afraid that there may soon be a scarcity of stock.

Nearly all publishers are issuing as large editions of their publications as their printing equipment will permit, and to issue these editions it has in most cases required more paper than the publishers' contracts with manufacturers called for. The publishers have, therefore, been coming into the open market to buy paper to increase their contract supplies, and as a result reserve stocks on hand at the mills are rapidly diminishing.

The real bad feature of the situation, however, is the fact that the publishers can afford to pay high prices for the paper as the revenue received from the advertising is so great that it would be a loss to turn advertising contracts away because of the inability to obtain paper. This has led to some speculation in the market, as some jobbers know only too well that they can obtain high prices for all grades of news on resale.

Speculation is of course always bad for honest business, and unless some remedy for the present state of affairs is soon found conditions will grow worse. If the newspapers are to continue publishing large editions they must save paper in some other way. They must stop returns and adopt other methods of conservation. They should place larger contracts for their supplies, and they should co-operate with the manufacturers in every way to help stabilize the market.

Canada's Foreign Paper Trade

Canadian pulp and paper manufacturers are looking forward to a considerable expansion in the industry through the demand from foreign sources. Although this expansion is retarded at present by shipping difficulties, it is thought that these obstacles can be overcome soon.

Writing on this subject in the Canadian section of Tuesday's *New York Sun*, J. A. Bothwell, of the Canadian Pulp and Paper Association, drew attention interestingly to the fact that Canadian news print paper and the high grades of pulp produced in Canada are in great demand in England, while there is also a market there for all of the ground wood pulp that can be got across. One British importer of pulp who was recently in Canada placed an order for 200,000 tons of ground wood pulp to be delivered as soon as practicable, while other orders for high grade pulps and news print are being showered on Canada faster than they can be taken care of under present conditions.

The Canadian Pulp and Paper Association has sent its secretary, Mr. A. L. Dawe, to London to assist the Canadian Trade Mission, while some of the producing companies also have their

special representatives in England and are doing everything they can to relieve the situation. Unfortunately for the industry, however, the British trade is inclined to visit upon the manufacturers defaults in shipments and deliveries that are due solely to conditions beyond their control and not to any dereliction on their part. The situation is one requiring patience, but it is not one that is likely to be unduly prolonged. When the temporary difficulties referred to are removed a very large trans-Atlantic trade in Canadian pulp and paper is assured.

On the Pacific coast the same difficulties are being encountered, though perhaps to a less serious extent. Lack of shipping is hampering the development of trade in the Orient and standing in the way of the industry's natural expansion in British Columbia. Orders are coming in, however, and doubtless some way will be found to fill them. During the current week inquiries were received from Japan for the purchase of 50,000 tons of high grade Canadian pulp, while Canadian news print paper is in increasing demand in Australia and New Zealand—hitherto almost exclusively supplied direct from Great Britain or from the United States. Sir George Bury, for many years a high official in the Canadian Pacific Railway, recently appointed managing director of one of the largest of the Pacific coast pulp and paper companies, is looking to find a solution for the transportation difficulties in the West, when a big development may be looked for, as British Columbia enjoys natural facilities for the production of pulp and paper second to those of no other province.

Industrial Thrift Plan

If you loaned \$70,000 to a couple of thousand individuals—

If each loan ran from \$10 to \$75—

If each borrower was a wage-earning man or woman and gave no security—

If the company for which you work did not let you take an assignment of wages—

If you had to lend as much as \$200 to any employee who simply deposited 25 cents with you—

Query:

How long do you suppose it would take for your \$70,000 to disappear?

Figures of the transactions of a savings and loan department maintained by employees of the Celluloid Company, New York City, according to data furnished by the American Bankers' Association, show that money loaned in this way is nearly as safely invested as though it were in loss-proof War Savings Stamps. For losses on \$70,000 lent amount to something like \$50, which is one-fourteenth of 1 per cent.

This savings and loan department is managed entirely by employees—not the company. And there are manifest advantages in that. For example, if an employee had to go up to the office and ask the general manager for a loan out of the fund, he might not do it; whereas if he applies for a loan to fellow employees the case is entirely different. Again, many employees object to having their employers know just how much money they were saving from their pay—in some industrial organizations this might be regarded suspiciously as a basis for possible reduc-

tion in wages. There is an advantage to the company officers, too, in that they are not asked to listen to the applicant for a temporary loan.

This department was established at the suggestion of company officials, and is financed out of the company's resources. Business is done on the "series plan," each series extending over six months. Anyone desiring to join a series pays in a regular weekly deposit of 25 cents and upward in multiples of 25 cents, and at the end of the series gets back his money with interest. Should a depositor desire an emergency loan of from \$1 to \$200, it is granted with nothing but his character for security. Interest varies from 2 per cent a month to 6 per cent yearly, according to the term and amount of the loan. The company's financial aid consists of an advance of money to finance each series. Interest on deposits is paid out of the interest on loans, plus nominal fines imposed where depositors are irregular in payments, and also withdrawal fees—when a depositor draws out of the series before termination, he loses his interest and also pays a small fine. Another excellent feature of the plan is that interest is not paid on deposits exceeding \$1 weekly, this being to prevent those who could afford to do so from depositing large amounts for the high interest.

This savings and loan department is not intended to be an institution for permanent thrift. It is a convenience to employees, whereby they save something out of each pay envelope and are protected when in need of emergency loans, kept out of the hands of professional money lenders, and aided in purchasing furniture and other goods for cash instead of upon the expensive installment plan. For permanent thrift other savings institutions are recommended, particularly War Savings Stamps.

Increasing Wages

The Bureau of Labor Statistics, Department of Labor, has received replies from 58 paper mills relative to employment. The replies state that in the 58 mills in April, 1918, there were 31,501 persons employed, decreasing in April of this year to 28,823, or a decrease of 8.5 per cent. The pay rolls in these establishments on the other hand increased from \$575,699 in April of last year to \$588,680 in April of this year, or an increase of 2.3 per cent.

There were 25,968 persons employed in 56 paper mills in March of this year, decreasing in April to 25,042 or a decrease of 3.6 per cent. The pay rolls in these mills decreased from \$560,956 in March to \$536,843 in April, or a decrease of 4.3 per cent.

Graham Paper Company Opens Branch at El Paso

[FROM OUR REGULAR CORRESPONDENT.]

EL PASO, Tex., July 11, 1919.—The Graham Paper Company of St. Louis, announces the opening of a branch house at 516-18 San Francisco street, El Paso, Tex., under the management of C. C. Covington.

Mr. Covington has been identified with the company for twenty-five years and for the last several years has represented the firm in the city of El Paso and contiguous territory.

His familiarity with the varied lines of the Graham Paper Company equips him to be of real service to all using Printers' papers, wrapping, twine or miscellaneous paper articles.

Reckoning Machine Production

BROWNVILLE, N. Y., July 8, 1919.

Editor PAPER TRADE JOURNAL:

Having noted in your issue of July 3, under the head of "Practical Questions and Answers for Mill Men," your Question No. 2452 and answer thereto dealing with the reckoning of paper machine production, we wish to ask a further question.

We note in your answer that you state the factor to be 600 while in the example you show you state the factor which you divided by to be 660.

As this seems to be a very interesting and simple method of reckoning machine production we trust it will not trouble you too much to put us straight in this matter.

Assuring you in advance that we appreciate your kindness, we are

Yours very truly,
HARMON PAPER COMPANY,
R. E. Skinner.

[Editor's Note: The factor 660 as shown in the example is correct. The factor as printed in the formula is a mistake on our part. It should read $\text{Speed} \times \text{Base weight} \times \text{width of paper} \div 660$.]

Advance in Pulp Wood Values

A press dispatch from Bangor, Me., says:

"The advance in pulp wood values within thirty months has been remarkable, even for the times. Before the entrance of this country into the war, peeled wood delivered in the mill yard in Maine was worth \$9 a cord. Now the price is \$18 in Maine and in New York State \$26 a cord. This advance is due in part to higher wages and in part to a little profiteering or a turn of thrift by the land owners. Wages before the war, that is, up to the spring of 1917, were \$30 to \$35 a month and board. In 1918 and 1919, the rates jumped to \$60 to \$65 a month, and in some instances as high as \$75 or \$85 has been paid. Just now, because Maine is pretty well stocked, the demand for labor and the price show a declining tendency. But in the United States as a whole the supply of wood is short of the demand, and there seems to be no prospect of lower prices either of labor or product.

"One operator in Maine, a Massachusetts man, who got into the lumber business through his love of nature, cut last year on Moluncus and the east branch of the Penobscot, 30,000 cords, or 15,000,000 feet of pulp wood and 5,000,000 feet of long logs, and will cut this year 40,000 cords, or 20,000,000 feet, of pulp wood, employing 600 men at \$52 a month and board, or for piece work, \$3.50 to \$3.75 a cord."

EDWIN BUTTERWORTH & CO.

MANCHESTER, ENGLAND

Packers of all kinds of

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

83 Sole Agents HAFSLUND

BLEACHED SULPHITE PULP — BEAR BRAND

Boston Office, 136 Federal St. New York Office, 132 Nassau St.
CHARLES H. WOOD, Sr. U. S. Mgr. LEWIS JENNINGS, Manager

"WATERBURY"



Felts-Jackets

ORISKANY, N. Y.

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

1869 {MADE ONLY AND} 1918
{GUARANTEED BY}

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

THE CORNISH CHINA CLAY INDUSTRY

SPECIALLY WRITTEN FOR THE PAPER TRADE JOURNAL BY OUR CORNISH CORRESPONDENT.

The mariner who has passed through the gale appreciates the calm which follows; indeed, he who best knows how to value and appreciate the calm is he who has for a long period known no other but storm, cloud, rain and cold. The war automatically closed several of the best markets, money due could not be recovered from enemy countries, and Russia was economically a closed chapter. There were comparatively few sales and markets were restricted. Buyers were swamped with offers. They forced down prices, as always happen when supply exceeds demand; and the selling prices realized for clays were too often considerably below the cost of production. Each producer hoped that the war would be over soon and went on selling his clay for less than he produced it for and piling up losses in such a way that many firms were faced with imminent ruin. Workmen received, comparatively speaking, starvation wages. They knew that their employers were losing money, and realized that in many cases an increased wage bill would mean closing down of several works.

Determine to Pull Together

Soon the clouds broke and the sun began to shine. The producers threw their old prejudices and jealousies behind their backs. They said "We will pull together." The world requires a certain amount of china clay, and no more for the time. We will produce all that is required. We will sell all that is needed, but we will each do only his own share of the business and no more so that each producer may have a chance to survive. The papermakers and all other manufacturers using china clay are prospering and accumulating profits. Therefore, said the clay producer, we should charge fair prices compared with the costs of production, so that masters and men may pull through until brighter times come."

Form Associated China Clays, Ltd.

So the company called "The Associated China Clay, Limited," was formed to distribute business evenly among all producers on a common basis of normal capacity of production or output and to regulate prices. There had been minor difficulties and slight differences of opinion among a few producers on the question of policy, but "The Associated China Clays, Limited," has passed through its first year of working—the most trying year in the history of the industry—very satisfactory, indeed, and all the members have remained loyal to their new institution. The result is that with economy all producers can just make both ends meet, and the industries requiring china clay receive the supplies they need at prices that are not unduly high compared with the cost of production and the cost of other raw materials.

Looking back over the period they passed through before the formation of "The Associated China Clays Limited," the China clay producers know how to assess the value of that company to the industry and are pleased with their united action. The unanimity existing among the producers has rendered many things practicable that otherwise would have been difficult, if not, utterly impossible.

Practically All Firms in Organization

With the exception of one or two small firms representing less than three per cent of the trade, all are united in this organization. All the employees are united in their "Workers Union," hence when the Government's "Whitley's Scheme" was called into existence the China clay industry was one of the very first industrial concerns in the Kingdom to set up its Joint Industrial Council. This Council, consisting of ten employers and ten representing the employees has done excellent work. It has established a bond of good feeling between masters and men, and has been able to wipe out many anomalies that had hitherto existed. On

more than one occasion this Council has made its existence felt at the very centre of Government administration.

Such is the report of the working of "The Associated China Clays Limited" during its first year and no doubt in the forthcoming period of reconstruction this combination will play an important part in resuscitating the Cornish China Clay Industry to its former world-wide standard of activity.

Spirit of Combination Growing

Since my last notes the spirit of combination has made a tremendous advance and the amalgamation of three of the very largest china clay and china stone producing firms have become an accomplished fact. The three firms concerned must be well known to all your readers. They are "The West of England and Great Beam China Clay Company Limited," of S'Anstell. Messrs. Martin Brothers of Plymouth, and "The North Cornwall China Clay Company Limited," of S'Breward, Cornwall. These firms will in the future conduct the whole of their business under the style and title of "English China Clays Limited." The operations of the West of England and Great Beam Company Limited, are the most formidable in the district and include works producing such well known clays as "Dubbers" and "Dorothy." Other equally good china clay mines of this firm are situated at Trethosa, Little Johns, North Carloggas, Kernick, Hallow, Hendra, New Hendra, Great Beam, Carrancarrow, and also at Plympton, in Devon, as well as china stone quarries at Nanpean. Cooperages, for the manufacture of casks for packing the clay for the continental and other markets at Burngullow and Nanpean. Brick and tile works at Carloggas and ground china-stone works at Ponto Mill, S'Blayey.

The earliest operations of this company began in the year 1839, with very unpretentious beginnings of a great industry. Some ten years later the "West of England China Clay Company" was formed. The yearly production of this firm in 1900 was over 100,000, which is sufficient to show the great strides made even in those early days, but it was not accomplished without much spade-work. With increasing railway facilities the output of the West of England rose to close on 200,000 per annum which was its high-water level achieved just before the war.

Erects Drying Kilns Near Railways

While it would be quite impossible to get the railway extended to each of the clay-works already mentioned, the West of England and China Clay Company did the next best thing by erecting its drying kilns alongside the railway and had the clay conveyed there from the works in its liquid form in earthenware pipes. At Drinnick Mill Station, Nanpean, the company has a very large drying depot for several of its best works, which effect a considerable saving in the cartage of coals as well as the cartage of clay consequently reducing the cost of production very appreciably. With modern labor-saving appliances as well as an improved system of drying the company has already effected considerable economy. Even since the war one of the principal engineers of the firm has informed me that its newest principles for drying have reduced the consumption of coals by more than 30 per cent, a saving that was appreciated particularly during the coal crisis. The whole of the works are connected with the head office at S'Anstell by private telephone.

Activities of Martin Bros.

Martin Brothers of Plymouth, although far distant from the activities of Mid-Cornwall, are never-the-less quite in touch with the industry by wire and there has been an ever-increasing com-

(Continued on page 44.)

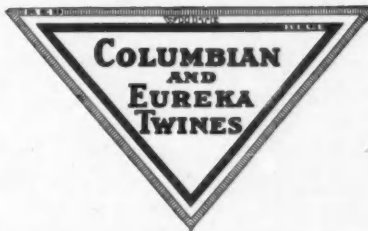


How Do YOUR Men Usually Pick Up a Package?

By the twine, of course!

And that is the way in which the large packages of paper that leave your mill will be handled by the scores of transportation company employees before they finally reach your customers' doors.

If all such packages are securely tied with strong, durable



they will be received in first class condition regardless of rough handling.

The quality of your goods is judged by the condition in which they are received, not by the way they leave your mill.

Remember this fact when you place your next twine order.

COLUMBIAN ROPE COMPANY

Auburn, N. Y., "The Cordage City." Branches: New York, Chicago, Boston.

THE CORNISH CHINA CLAY INDUSTRY

(Continued from page 42.)

munication between them and the Cornish Clayopolis. This firm is somewhat akin to the "West of England" Company in that it is more or less of a family institution. The late Thomas Martin was the managing director for many years and under his wise supervision the works at Lee-moor (Devon), Goon-barrow (S'Anstell), Little Treviscoe, Virginia, and Burgotha in S'Stephens in Branwell were very largely developed. Upon the death of Mr. Martin in 1913, the mantle of responsibility fell on Mr. Reginald Martin, who has not only maintained the best traditions of his ancestors, but has considerably enhanced the reputation of his firm throughout the world. The most important operations of the firm are at Lee-moor (Devon), where it has also brick and tile-works of very large capacity and china stone quarries at S'Stephens in Cornwall.

North Cornwall China Clay Co.

The North Cornwall China Clay Company Limited although the youngest of the three is not by any means the least known. This company has only one pit which is considered to be the very largest of its kind in existence and it is situated near Cornwall's very highest altitude "Rough Tor," but the clay-bed here is so vast that there is every possibility of it becoming as productive as the other firms together in course of time. The clay from Stannon Moor is conveyed to the nearest railway junction at Wenford about 9 miles distant where the company has erected one of the finest and best equipped ranges of drying kilns to be seen in the industry. The normal yearly out-puts of the three firms combined, as at present fixed by the Associated China Clays Limited is 430,000 tons.

Appointed Chairman of New Company

Reginald Martin has been appointed the chairman of the new company, "The English China Clays Limited," and he is one of the three managing directors. He became actively associated with Martin Brothers in the year 1889. After the death of his father he had the assistance of his brother Lieut. Claude Martin, but on the outbreak of war Lieut. Claude Martin became associated with the Coldstream Guards and was killed in action at Cambrai in 1917 and since his lamented death Reginald Martin has been obliged to undertake the sole responsibility of the firm's great business.

The Other Directors

T. Medland Stocker, J.P., another of the newly appointed managing directors is also well known not only in the S'Anstell district, but also in many of the home, continental, colonial and American markets. He is a son of the late Thomas Stocker (one of the pioneers of the china clay industry). He entered the service of his family's firm, "The West of England China Clay Company," in 1893 and upon the death of his father in 1904 he became chairman and managing director. Walter Sessions is the third managing director of the new combination, and will, we understand, be principally engaged in the sales department, a position for which few men are better adapted. Following a successful business career both at Bristol and South Wales Mr. Sessions applied his acumen to china clay production with remarkable and satisfactory results, with the result that the North Cornwall China Clay Company Limited soon became a live concern.

Policy of the New Company

The intentions and policy of this new company are naturally much commented upon and no little amount of curiosity is thus created among the other china clay producers as to their relationship with the producers' association (The Associated China Clays Limited). We are informed, however, that the object of the new company to continue to work harmoniously with the other

clay-producing firms, and for the mutual advantage of all engaged in the industry and that the newly formed "English China Clays Company Limited" intends heartily to support the policy of the Associated China Clays Limited.

The advantages of co-operation among china clay producers have been exemplified on more than one occasion during the past few years. Through the unprecedented advance of living costs there would have been a labor crisis, but for the formation of the producer's association and the inception of the National Council of the China Clay and China Stone Industry. The former assumed better prices and less competition and the latter a more amicable relationship between the employers and the employees; wages have been increased from 7 d pr hour to 1/1 an hour for the ordinary day laborer. It is observed in the memorandum of association that the fullest powers have been secured to enlarge the scope of business and a firm of this magnitude should be enabled to conduct research work on a large scale to the mutual advantage of the firm and the trade and district generally.

Acquire J. W. Higman Properties

Following close upon this combination I am authoritatively informed that the well known firm of H. D. Pochin & Co. has just acquired the china clay properties of J. W. Higman & Co., producers of a clay that is widely used in America. The latter firm has been in the clay trade for a great number of years the founders of this firm being among the pioneers of the industry. J. W. Higman, J.P. the head of J. W. Higman & Co. has been very prominently associated with the china clay industry as chairman of the Associated China Clays Limited and chairman of the National Council. The principal mine of this firm is at Gunheath, near S'Anstell.

H. D. Pochin & Co., the purchasing firm are also large china clay mine proprietors and have been established as great chemical manufacturers and china clay merchants for over 100 years. Their best mine is at "Gothers," S'Dennis, where very large extensions have taken place in recent years. At Halviggan, S'Mewan adjoining the parish of S'Anstell, important developments have taken place including the erection of a very large drying kiln and settling pits at Burngullow station on the main Great Western Railway line. In recent years the firm have been directing considerable attention to their more western properties. In the Penzance district they have their "Balleswidden" and Leswidden mines, producing some of the whitest clays in the market, and now that the war is over, great extensions are in contemplation. Better shipping facilities have been erected by the firm in the Penzance Harbour and similar progress has been noted with the firm's Park China Clay Works near Liskeard. This firm's normal yearly output as fixed by the Producers Association of which they are members is 109,671 tons, making them the fourth largest producing firm. Their latest acquisition will increase their output to 134,568 tons per annum, thus under the new conditions, H. D. Pochin will become the third on the list.

Three Leading Producing Firms

The three leading producing firms are The English China Clays Limited, 430,000; John Lovering & Co., 151,000; and H. D. Pochin & Co., 134,568 tons per annum.

Besides being such large china clay proprietors, H. D. Pochin & Co. are big manufacturing chemists in various parts of the country with their head offices at Salford, Manchester. Knowing as we do the value of china clay as a raw material in many articles that issue from chemical factories and laboratories the importance of H. D. Pochin's large holdings in various day works, cannot be over estimated. H. Stanley Pochin is the managing director and as a capable administrator he is second to none.

RELIABILITY

THE KEY TO SUCCESS

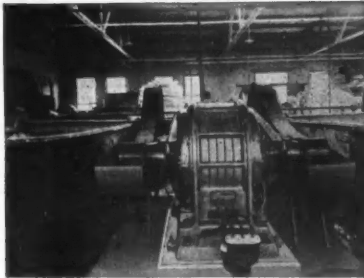


It's no secret. It's the 99% Efficient Rocker Joint.

Slippage begins with new belts; as the belt stretches, production falls off, little by little, till belt dressing or rosin will not pull the load.

Have you any way of figuring what belt slippage costs you? A vital loss usually 3% to 8% in every belt becomes a fatal loss in the usual series of belts found in industrial plants and can in every case be prevented by the use of

MORSE SILENT ROCKER JOINT CHAIN DRIVE



Two 80 h. p. Morse Silent Chains driving Paper Mill Beaters from a single motor. Chains, 1.5" pitch, 8" wide, speed 1090.

The name "MORSE" gives assurance that material and workmanship fulfill our rigid requirements and every drive is guaranteed for efficiency and durability and designed by

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If you have belting difficulties with a high cost and a low output, COME TO US.

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

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"MORSE" is the Guarantee always behind our Service, Products and Efficiency.

MACHINE FOR WASHING PULP WOOD

James L. Phillips, of Great Bend, N. Y., has just been granted a patent for certain new and useful improvements for washing pulp-wood which the inventor describes as follows:

This invention relates to new and useful improvements in apparatus for washing wood used for paper making, for the purpose of removing saw-dust, slime, river dirt, and other foreign matter which may accumulate in and upon the surface of the wood in its passage from the forest to the mill.

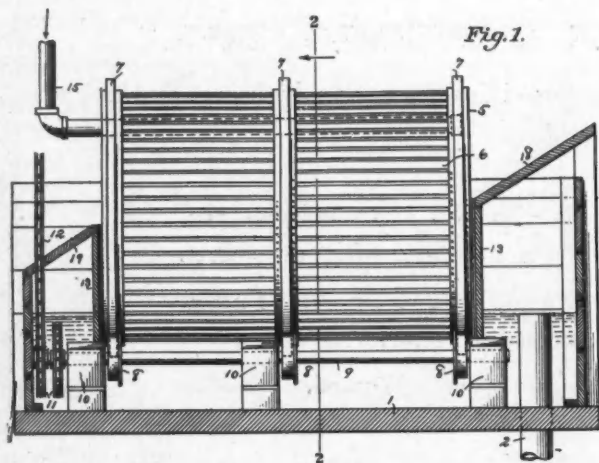
It is frequently found that saw-dust will cling to the end of the sticks after being sawed and which will tend to cause a considerable bailing in the paper screens and numerous breaks in the machine. By the elimination of this refuse and foreign matter, strength may be added to the paper to be made from the pulp wood.

The invention consists of a simple and efficient device of this character having various details of construction, combination and arrangement of parts which will be hereinafter fully described, shown in the accompanying drawings and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings which, with the numerals of reference marked thereon, form a part of this application and in which:

Figure 1 is a side elevation partly in section, showing a wood washing device constructed in accordance with my invention, and Fig. 2 is a vertical transverse section taken on line 2-2 of Fig. 1.

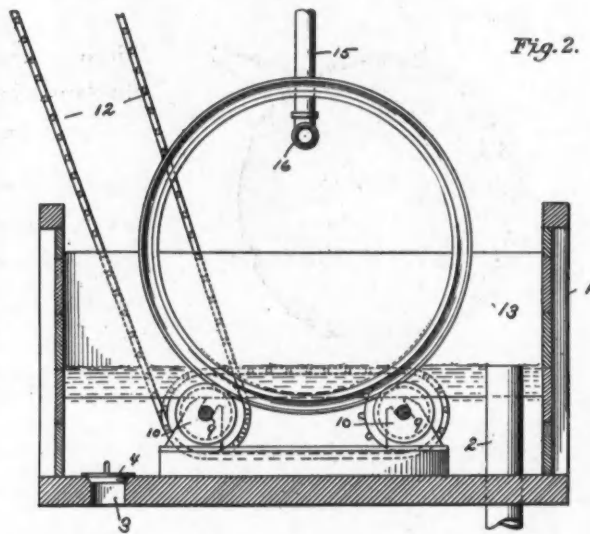
1 designates a tank of any suitable size and is provided with an overflow pipe 2, adapted to regulate the height of the water within the tank, and 3 is an exit opening regulated by a valve or closure 4. A cylindrical drum 5, made preferably of iron, has its circumferential wall formed of flat strips 6 with spaces intervening between the same through which water is adapted to flow freely, and



7 designates circular tracks about the drum, adapted to rest upon the flanged friction driving wheels 8 which are keyed to the shafts 9 journaled in suitable bearings 10. Sprocket wheels 11 are fixed to said shafts and about which wheels sprocket chains 12 pass, affording means for driving the shafts from any suitable source of power not shown.

Vertical partitions 13 form partial closures for the ends of the drum, said partitions being of sufficient height to permit the sticks to be rolled in one end of the drum and out of the other. A pipe 15 passes into the upper portion of the drum provided with apertures and through which pipe and apertures water is adapted to be sprayed upon the sticks of wood within the drum. The sticks of wood are placed upon the platform 18 and are allowed to roll

down into the interior of the drum. The drum is given a rotary movement, causing the sticks to roll against one another and against the inner surface of the circumferential wall of the drum, and during this operation water is sprayed from the pipe 15, thus thoroughly cleansing the sticks of any foreign matter which may



have accumulated thereon. After the sticks have been thoroughly cleansed, they are thrown out and rolled upon the inclined platform 19.

By the provision of an apparatus embodying the features of my invention, it will be noted that the wood may be rapidly and thoroughly cleansed at a minimum of power, and a machine afforded without gears to watch, shafts to lubricate, etc. all of the parts of the apparatus working under water.

What I Claim

What I claim to be new is:

1. An apparatus for washing pulp wood, consisting of a tank adapted to contain water, rotatable shafts, wheels fixed to the shafts within said tank, a rotatable drum with open work in the circumference thereof, circular tracks about the drum and resting upon said wheels, the end walls of the tank forming closures for portions of the ends of the drum, inclined platforms at the upper ends of said closures.

2. An apparatus for washing pulp wood, consisting of a tank, shafts journaled in suitable bearings, wheels fixed to the shafts, a rotatable drum having open ends and comprising a circumferential wall of strips spaced apart, circular tracks about the drum and resting upon said wheels, a pipe extending through the upper portion of the drum, the said pipe having perforations within the drum through which water may be sprayed.

Paper Men to Help Build Homes

APPLETON, Wis., July 14, 1919.—F. J. Sensenbrenner, of the Kimberly Clark Company, is one of the incorporators of Neenah Building Company, a new \$100,000 concern organized to assist Neenah to build their homes. Mr. Sensenbrenner has also been elected a vice president of the new First National Bank of Appleton, which is a merger of the First National and Commercial Banks. Judson G. Rosebush, of the Patton Paper Company, is one of the directors of the new institution.

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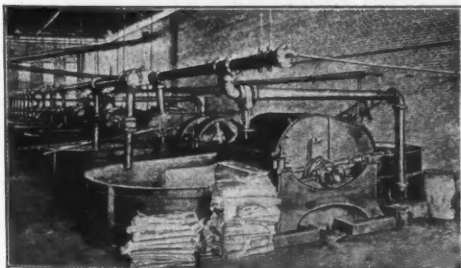
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NEWS AND FAST RUNNING MACHINES

THESE FELTS ARE WOVEN ENDLESS

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Dilts Machine Works, Inc., Fulton, N. Y., U. S. A.

CHICAGO PAPER TRADE ACTIVE

(Continued from page 26.)

Coated Paper Company, have gone to Lake Charlevoix, Mich., to spend their annual summer vacations. Walter G. Randall, of the same company, has gone to Walloon Lake, Mich., where he has a summer cottage. All have taken their families, and expect to have an excellent time boating and fishing.

Howard Hollis, of Hollis & Duncan, coarse paper dealers, has returned to the city after a business trip through the southwest.

S. J. Sensesbrenner, of the Kimberly-Clark Paper Company, Neenah, Wis., was recently a visitor in the city.

W. E. Perry, western representative of the Crocker-McElwain Company, of Mt. Holyoke, Mass., is making a business trip through western territory.

Harry Williams, of the C. L. La Boiteaux Company, will leave in a few days on his annual summer vacation, which will probably be a fishing trip in Northern Wisconsin.

Ed Fox, of the Nekoosa-Edwards Company, Port Edwards, Wis., is leaving this week on a road trip through middle western territory.

Louis Simon, of the Kalamazoo branch of the Birmingham & Prosser Company, was recently a visitor in this city.

Peter King, of the Empire Paper Company, is spending his vacation with relatives in the vicinity of Springfield, Mass.

Henry Hagen, paper broker with offices in the Conway Building, has returned from a business trip to St. Louis.

Word received from Frank Borchers, of the Chicago office of the Menasha Paper Company, who is now in Japan, is to the effect that he has visited some of the paper mills in that country. Mr. Borchers will leave Japan soon for several points in China.

Douglas Wray, of the Douglas Wray Paper Company, has returned from a trip through Michigan. Frank Walsh, of the company, will leave in a few days on his vacation.

D. F. Peck, of the D. F. Peck Paper Company, has returned from an out of town business trip.

E. E. Lloyd, of the E. E. Lloyd Paper Company, is back in the city after spending a few days at Excelsior Springs, Mo.

P. A. VanVlack, of the Moser Paper Company, will leave on his vacation in about a week.

A meeting was held recently between committees representing the Franklin-Typothetae of Chicago and the Western Paper Merchants' Association for the purpose of adjusting discount terms.

W. N. Gillett, of the Chicago Paper Company, has returned from a Michigan trip. Robert Fay, of the same firm, is getting ready for an extended trip to California and other points on the Pacific Coast.

Big Straw Crop Assured

DAYTON, Ohio, July 14, 1919.—Sufficient wheat has been harvested here to show conclusively that the forecasts of several months ago relative to the straw crop are being verified. The 1919 crop is the largest that has ever been raised in the Miami Valley and a trip through the country districts would seem to indicate that this locality, alone, could supply sufficient straw for all paper manufacturers within a radius of a thousand miles.

But such is not the case. There are several large straw board and straw paper concerns in which Daytonians are interested which will require far more straw than can be obtained here. Fortunately Indiana and other portions of Ohio have had good luck with the crop though plant diseases are reported from some sections of the Hoosier state as well as Illinois and Michigan from which the manufacturers of the Middle West draw their supplies.

If present threats are carried out it is possible that considerable trouble confronts those manufacturers who will endeavor

to obtain straw in neighboring states as the discovery of the plant disease has led to the tentative decision not to permit shipment of the crop from out of those states affected.

Thus far Ohio is not included in the list but Illinois, Indiana and Michigan are said to be among those most seriously affected.

This is the only discordant note to be reported in connection with the bumper crop of straw which always goes with a bumper crop of the grain. The stand has been unusually strong and heavy this year. Never before were all the conditions so nearly perfect. Farmers realized they would be well paid for their efforts and they planted great tracts of land to wheat which otherwise would have been devoted to the cultivation of tobacco for which this valley is equally famous. Locally, the Hessian fly has caused some trouble and County Agent Ralph A. Rutson has recommended the plowing under of the stubble as the best method of combatting this pest. He also says that winter wheat should be planted by September 28.

Work of Paper Traffic Association

A. C. Westfall, manager of the Paper Traffic Association, reports that during the month of June a total of \$766.30 of claims for overcharges on freight bills was filed by this Association with the railroad. Of this amount to date \$227.73 has been collected and every indication points that the difference—\$538.57—will be collected during the current months. From this it can be seen that nine members are receiving \$766.30 which they might not have secured had they not been members of this association. Its value, therefore, to each paper dealer is obvious.

Twelve claims up to July 10 have also been filed amounting to \$102.75.

While the association boasts of thirty-seven members, its efficiency and value to the paper jobbing industry of the city would be increased if it had a larger number of members. Applications for membership should be sent to Mr. Kinn of the J. E. Linde Paper Company, 84 Beekman street, who is treasurer of this organization.

Cost Association of Paper Industry to Meet

There will be a meeting of the Executive Committee of the Cost Association of the Paper Industry in their New York offices, 18 East 41st street, on July 24, at 10 A. M. All members of the Association are cordially invited to attend.

The chairmen and presidents of the various local divisions of the Cost Association, which are located in the larger paper and pulp centers of the country, have been especially invited to attend. Ways and means for furthering the work of the local divisions will be one of the principal matters for discussion.

J. P. Furlong With Standard Paint Company

JOLIET, Ill., July 14, 1919.—James P. Furlong, for the past seven years superintendent of the Patent Vulcanite Roofing Company at Anderson, Ind., has severed his connection with the company and has accepted a position as superintendent with the Standard Paint Company, Joliet, Ill. The Joliet plant is one of the best equipped mills in the country.

Mr. Furlong has had wide experience in the felt making business and has had charge of several large mills in the country. He is regarded as one of the best felt makers in the business.

Mid-West Envelope Company Increases Stock

[FROM OUR REGULAR CORRESPONDENT.]

MARION, Ind., July 14.—The Mid-West Paper and Envelope Company has increased its capital stock from \$100,000 to \$125,000.

T. F. HART PAPER COMPANY, Inc.

Dunkirk, Indiana

MANUFACTURERS OF

ALBANY REFINED STRAWBOARD

for
TUBES AND CAPS

SINGLE and DOUBLE LINED

PLAIN and COLORED

VAT LINED, MILL AND SHEET LINED
SPECIALTIES, ETC.

Domestic and
Export

Mill:
Albany, Indiana

Craig-Becker Company

Incorporated

52 Vanderbilt Avenue

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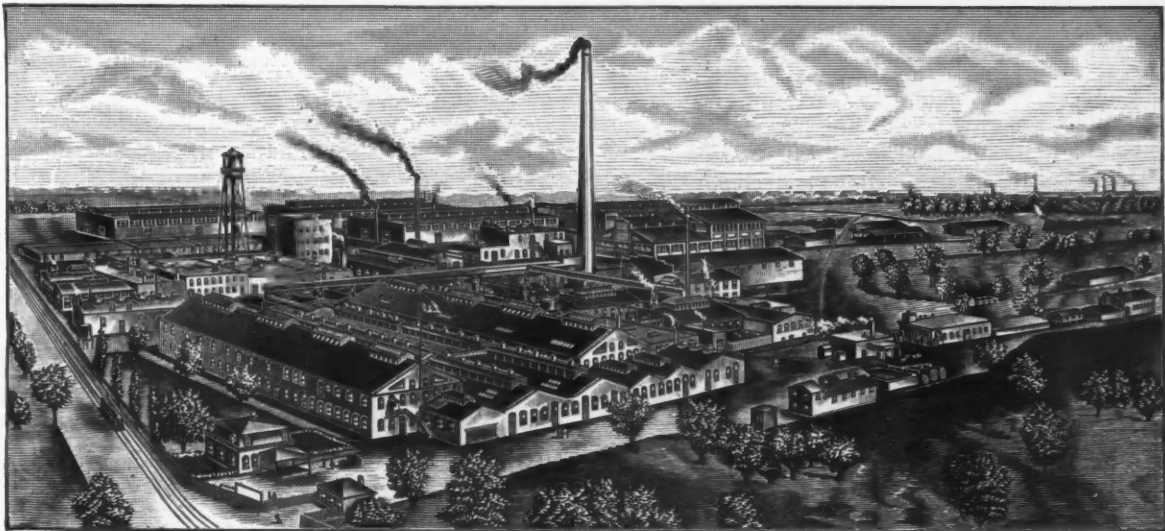
Bleached Easy Bleaching
Unbleached Sulphites

Spruce and Poplar Ground
Wood Pulp

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Export

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



WORKS IN NEWARK, N. J.

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"DRYDEN" KRAFT PULP

Extra Strong, Long Pure
Sulphate Fibre

Daily Capacity 120,000 Pounds

KRAFT WRAPPING SHEATHING PAPERS

Daily Capacity 45,000 Pounds.

The Dryden Pulp & Paper Co., Ltd.
Dryden, Ontario, Canada

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Manufacturers of

Non-Test Chip—.006 to .045

Plain or Colored Test Chip

Board Specialties

Gummed and Ungummed Kraft Tape

Kraft Paper; Kraft Specialties

Bogus and Mill Wrappers

Red Rosin Sheathing, Plain or Indented

Building Paper, Blue Plaster Board,

Sanitary Bread Wrapper

*Let us submit samples and prices before placing
your next order*

SHIPPING POINTS:

Lockland, Ohio

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Can make up combination cars from Ohio mills of all
above grades

McNAMEE PAPER CLAY

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The Leading Clay of America

Oldest—Established 1867—same superintendent for over thirty years.

Largest—Two thousand acres—fifty million tons surplus.

Best—White and free from grit.

Capacity greatly increased—prompt deliveries guaranteed.

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Send for samples and analysis.

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High Grade American Paper Clay

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

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



Takes Over Business of National Paper Co.

NASHUA, N. H., July 14, 1919.—Nashua Gummed and Coated Paper Company takes over the business of the National Wrapping Paper Company. The latter named company has formerly sold waxed paper for wrapping bread used in connection with the Sevigne wrapping machine. This company was owned principally by H. A. Sevigne and Carter, Rice & Co.; the Nashua Gummed and Coated Paper Company, manufacturing the paper distributed by the National company. The company will now be carried on direct by the Nashua Gummed and Coated Paper Company, to be known as the Bread Wrapping department, a branch of the business which has been growing very rapidly of late.

To Conduct Mid-State Paper Company

SYRACUSE, N. Y., July 14, 1919.—Abraham Horwitz has filed notice of his intention to conduct as sole proprietor the Mid-State Paper Company at 314 Onondaga County Savings Bank Building.

FOR SALE

1 No. 1 Claffin Jordan (Continuous heater)

1 No. 2 Claffin Jordan

2.6" Stock Pumps

4 Blowers 15" to 17" outlets

1 Sturtevant No. 7 Exhauster 17" outlet

1 125 H. P. Portable Boiler

1 100 H. P. Portable Boiler

2 Rag Beaters for Cleaning Rags

Factory plant consisting of two 2 story brick buildings, sprinkled, about 45,000 square feet of floor space, 2 150 H. P. steam boilers, electric power, soft water, railroad siding for five cars.

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Special Shaped Carbon, Black Diamond POINTS FOR TURNING Paper, Cotton Chilled Iron and Hardened Steel Calendar Rolls, Hard Rubber, Fibre, etc.

Manufactured by **THOS. L. DICKINSON**, 64 NASSAU STREET, NEW YORK

Successor to John Dickinson, Established 1796.
Agents for Great Britain, O. W. BURTON, GRIFFITHS & CO.,
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Shepard Electric Crane and Hoist

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

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

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

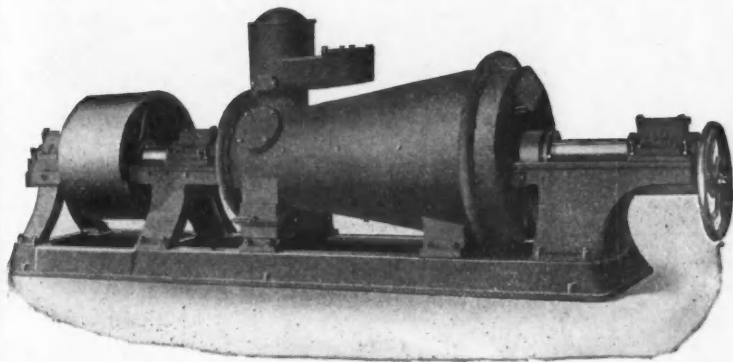
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Our latest Improved Machine, three sizes; belt or direct connected motor driven. All Bearings self-oiling, adjustable and water-cooled. Outside stand fitted with gauge to keep the plug central with the shell.

For full particulars apply to

DILLON MACHINE CO., Inc.
 Builders of Paper Mill Machinery
 Lawrence, Mass.

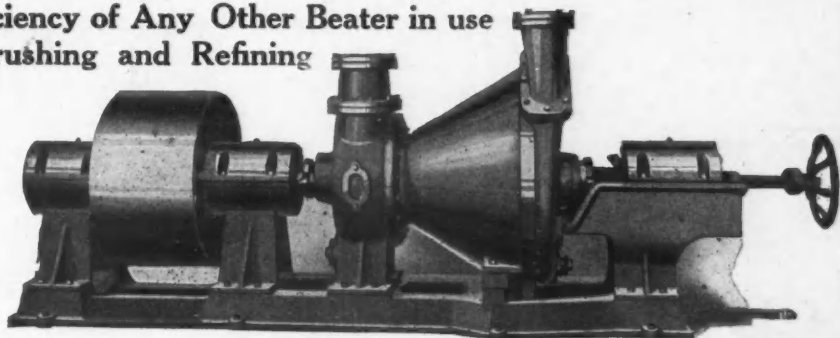
The Claflin Continuous Beater

Has 3½ Times the Efficiency of Any Other Beater in use today, for Beating, Brushing and Refining Paper Stock.

*Has No Superior
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—250—

Clafin Continuous
 Beaters Now in Use



THE CLAFLIN ENGINEERING COMPANY, - LANCASTER, OHIO

The Canadian Fairbanks-Morse Co., Montreal, Quebec, Agents for Dominion of Canada

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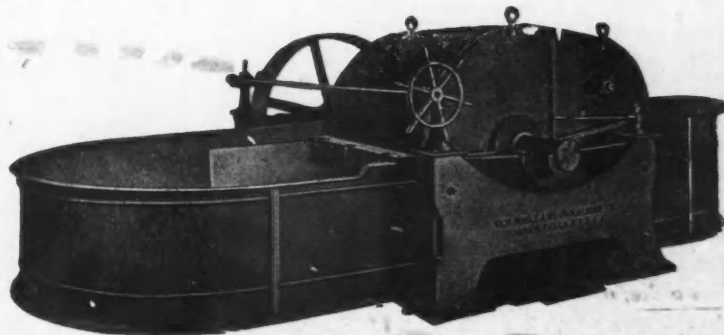
Wood or Iron Tubs; adapted to every paper mill condition

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At our Waterford Mill we are still maintaining our reputation for service in specialties. Colored specialties are our strong point and we want the opportunity of quoting whenever YOU are in the market.

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PACKERS OF ALL CLASSES OF ENGLISH
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WASTE PAPERS, SHAVINGS, NEW AND
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No Proposition too Large or Small

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Kron Scales eliminate all false motions. There's no waiting for the pointer to come to rest—no fussing with weights. There's no chance for errors or guesswork. The correct weight is shown at a glance.

Under the most exacting weighing conditions, in industrial plants of every description, Kron Scales are daily proving their worth.

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All Metal Construction

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All Types—Any Capacity—Dormant or Portable, Hanging Pan Types. Overhead Track. Suspension Crane, etc.

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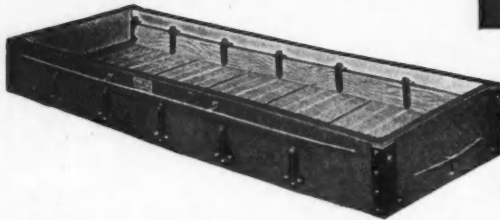
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BLEACHING POWDER (HIGH TEST)
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 OFFICE AND WORKS—MENOMINEE, MICHIGAN

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

Old Plates RECLOSED and RECUT to accurate gauge.

UNION BRONZE SCREWS for Screen Plates

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Immediate Delivery of the Largest Orders. Satisfaction Guaranteed.

The WITHAM SCREEN PLATE FASTENER, Patented

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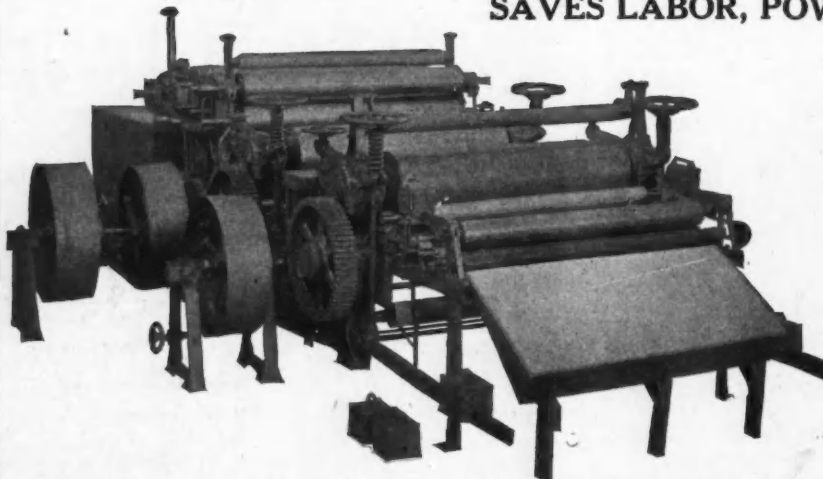
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Built both single and double press. They operate successfully on both sulphite and sulphate pulp.

Felt cost is low considering dryness obtained.

Ball bearings for cylinder mould and couch roll.

Automatic felt guides.

Handy sheets 33" x 36" automatically deposited in tray at front of machine of a uniform dry test of 47%.

Illustration shows Rogers Double Wet Machine which has a capacity of 30 dry tons in 24 hours.

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This Registered
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on a Paper
Bag vouches
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To obtain definite results in any desired direction in the preparation of paper, not merely a difference of grade, but a difference of kind or variety of starch is required.

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JOINTLESS FIRE BRICK CO.

Kingsbury and Clay Sts., Chicago

Beveridge Paper Company, Ltd., Montreal, Canadian Representative



TRADE MARK

New York Market Review

Office of PAPER TRADE JOURNAL,
WEDNESDAY, July 16, 1919.

Primary conditions in the New York market remain unchanged this week, and there continues to be a good demand for all grades of paper. Prices have remained firm throughout the week, and the tendency of quotations is still toward higher levels. Stocks of all grades of paper are moving in large volumes, and there is every reason to believe that there will be no let up in the activity until the period of inventory taking comes in the fall.

A good export demand is felt for all grades of paper. Foreign trade is constantly expanding, and large quantities of American paper are constantly being shipped to all parts of the world. Exporters are no longer troubled with shipping problems as they were all through the war, and their main source of worry at present is to obtain the goods to fill the orders which they are constantly receiving. This has gotten to be more or less of a problem, as the domestic demand for all grades of paper has become so strong that manufacturers can afford to release only a small portion of their goods for export purposes.

The demand for news print has assumed such large proportions that manufacturers are very much afraid there will be a scarcity of stock in the near future. All publications using this grade of paper, have received so much advertising lately, that they have been using enormous quantities of paper. Many have found it necessary to buy paper in the open market to increase their contract supplies, and a large transient business has been created. Unless some measures are soon adopted to conserve stocks, there will be a scarcity of all grades, and prices will go to higher levels. This week there has been an increase in the price of transient rolls, and these are now being quoted at 4@4.25c.

Practically the same conditions prevail in the book paper market. Magazines are receiving their share of the advertising which is being placed, and as a consequence they too, are running larger editions than ever before. Many book mills have withdrawn from the market for the rest of the year, because of the fact that they have disposed of their entire output on contract. Book prices have been steady this week, but there is likely to be an advance in quotations in the near future.

Manufacturers of writing papers report a continued good demand for all grades this week, and the market continues firm. Several mills have advanced their quotations on bond papers, and it is now practically impossible to get this grade for less than 11c. Unless the demand should fall off, there are likely to be further price advances.

There has been no change in the condition of the coarse paper market this week. Stocks continue to move under a good demand and prices remain at the same levels as a week ago.

The board market continues firm. Dealers report that the box makers are constantly coming into the market with large orders and there is a good volume of stock moving. Prices have been firm with no change in quotations this week.

Ground Wood

The ground wood market has been firmer this week. The demand has been greatly affected by the activity in the news print market, and there is a better demand for stock than there has been in some time. Prices have not shown any advance over a week ago, but the tendency of quotations is upward. With stocks on hand at the grinding plants showing but little increase, and the possibility at hand of water conditions becoming unfavorable in the near future, there may soon be a shortage of supplies. At that time quotations will probably go to much higher levels, though for the present they remain on a basis of \$27 in the East, and \$29 in the West.

Chemical Pulp

There has been an improvement in the chemical pulp market this week. Dealers report that there were a greater number of sales made in all grades of chemical fibres during the week just passed than in some time previous, and the outlook is more encouraging than it has been. Reports are to the effect that but little foreign pulp is being sold on consignment, and the greater part of the orders which are being placed on the other side, are made only after the pulp has been sold in this country. If this is true, it would mean that there is no danger of domestic prices being forced to lower levels, as no great stocks of Scandinavian pulp will be placed on the American market. Prices have held firm, throughout the week, and quotations are on the same basis as heretofore.

Rags

The activity in the rag market continues, with prices advancing for nearly all grades. The most interesting feature of the market this week was the fact that roofing rags advanced as high as 3@3.10c. for the No. 1 grade, while quotations on the other grades have made corresponding advances. This is the first time in several months that roofing stock has gone as high as 3c., and dealers predict that before the present activity in the market ceases, prices will go still higher. The high prices being paid for the roofing grades has naturally, forced the prices of other grades of old rags to higher levels, as packers would pack these grades as roofing stock, if they could not obtain better prices for them. New rags have also been in good demand, and prices for the better grades have shown an advance over last week.

Rope and Bagging

The bagging market continues firm. Dealers report that there is a good demand for all grades, and stocks are moving in good volumes under steadily increasing prices. The roofing grades continue in the best demand, and as is the case with roofing rags, quotations on the roofing grades have reached higher levels than they have in some time past. Price advances have been more general this week than they were last, and there are more grades that have shown an advance. Old ropes have continued in good demand and an advance has been noted in the price of mixed strings, and manila rope. The biggest price advance of the week was made by mixed bagging which is now being quoted at 2.0@2.25c.

Old Waste Paper

The tendency of the paper stock market continues upward with stocks moving to mills in steadily increasing volumes. The continued activity in the board market has created a good demand for mixed papers, and the better grades are also being sought in large quantities. There has been a general advance in all prices this week, and several grades of manilas, are the only items on the list that are not being quoted at higher levels this week. In no case, however, are prices lower than they were a week ago.

Monroe Bridge Paper Company Improvements

NORTH ADAMS, Mass., July 12, 1919.—George Stebbins of this city will have charge of the construction of an addition and the making of other improvements to the plant of the Monroe Bridge Paper Company at Monroe Bridge. The work contemplated by the concern will entail an expenditure of between \$150,000 and \$200,000 and will add much to the capacity of the company for producing paper stock.

The new building to be erected will be 250 feet in length, about 80 feet wide and will be of one, two and three story heights in different places. In addition to the new building considerable other work will be done to the present plant. Work will be started as soon as Mr. Stebbins can get machinery and materials on the location.

Market Quotations

Paper Company Securities

New York Stock Exchange closing quotations July 15, 1919.

Table listing Paper Company Securities (Stocks) including American Writing Paper Company, International Paper Company, and Union Bag & Paper Corporation.

Table listing Paper Company Securities (Bonds) including International Paper Co., Convertible S. F. 5s, 1935 and International Paper Co., 1st and Refunding Conv. 5s, 1947.

Table listing various Paper products (Paper, Writing, News-f. o. b. Mill, Coated and Lithograph, Tissues-f. o. b. N. Y., Kraft-f. o. b. N. Y., Screenings, Manila, Fibre Papers, Card Middles, Common Boxes, Boards, Mechanical Pulp, Chemical Pulp, Sulphite, Sulphate, Easy Bleaching, Kraft, Soda Bleached, Domestic Bags, and Bagging).

Table listing Domestic Bags and Twines, including Indian No. 6 basis, Dark, Light, B. C. 18 basis, A. B. Italian, and Finished Jute.

Table listing Jute Wrapping, 2-6 ply, Extra No. 1, No. 1, No. 2, Papers Makers' Twine, Box-Twine, 2-4 ply, Jute Rope, Amer. Hemp, 6, Sisal Hay, No. 1 Basis, No. 2 Basis, Sisal Lath Yarn, No. 1, No. 2, and Manila Rope.

Table listing Old Waste Papers (Shavings) including Hard White, No. 1 and Hard White, No. 2.

Table listing Soft White, No. 1, Colored, No. 1, Flat Stock, Stitchless, Over Issue Mag., Solid Flat Book, Crumpled, No. 1, Solid Book Ledger, Ledger Stock, No. 1 White, New B. B. Chips, Manilas, New Env. Cut, New Cut, No. 1, Extra No. 1 Old, No. 1 Old, No. 2 Old, Bogus Wrappers, Old Krafts, News, Strictly Overseas, Strictly Folded, No. 1 Mixed Paper, and Common Paper.

Table listing CHICAGO Paper (FROM OUR REGULAR CORRESPONDENT.) including Straw Board, Filled Pulp Board, Old Papers, Shavings, No. 1 Soft White, No. 1 Soft White, No. 2 Soft White, No. 1 Mixed, No. 2 Mixed, Ledgers & Writings, Solid Books, Blanks, No. 2 Books, light, Extra No. 1 Manila, Manila Envelope, Cuttings, No. 1 Manilas, Folded News, Old Newspapers, Mixed Papers, Straw Clippings, Binders Clippings, Kraft, New Kraft Cuts, Roofing Stock, F. O. B. Chicago, and Net Cash.

Table listing PHILADELPHIA Paper (FROM OUR REGULAR CORRESPONDENT.) including Mixed Strings, Manila Shaving, No. 2, Manila Sul., No. 1, No. 1 New Lt. Burlap, New Burlap Cuttings, Shavings, No. 1 Hard White, No. 2 Hard White, No. 1 Soft White, No. 2 Soft White, No. 1 Mixed, No. 2 Mixed, Solid Ledger Stock, Writing Paper, No. 1 Books, heavy, No. 2 Books, light, No. 1 New Manila, No. 1 Old Manila, Old Kraft, Overseas News, Old Newspaper, No. 1 Mixed Paper, Common Paper, Straw Board Chip, Binders Bd. Chip, and Old White.

Table listing Old White, No. 1, No. 2, Blues, Thirds and Blues, Black Cotton Stockings, Mixed ganezes, Lace Curtains, Colored Writings, Rags, Cotton Quilts, White Cotton Battering, and Gunny No. 1 (Foreign, Domestic, Scrap Burlap, Wool Tares, heavy).

(Continued on page 62.)

Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

NEW YORK IMPORTS

FOR THE WEEK ENDING JULY 8, 1919.

SUMMARY.

Tracing paper	3 cs.
Filter paper	23 cs.
Drawing paper	3 cs.
Paper hangings	5 reels
Paper hangings	2 cs.
Paper hangings	16 bls.

TRACING PAPER.

E. Dietzgen & Co., Triumph, London, 3 cs.

FILTER PAPER.

Reene Angel & Co., Triumph, London, 8 cs.

Reene Angel & Co., Minnekahda, London, 15 cs.

DRAWING PAPER.

Reene Angel & Co., Triumph, London, 3 cs.

PAPER HANGINGS.

W. H. S. Lloyd & Co., Triumph, London, 5

reels.

W. H. S. Lloyd & Co., Triumph, London, 1 cs.

W. H. S. Lloyd & Co., Triumph, London, 12 bls.

W. H. S. Lloyd & Co., Minnekahda, London, 4 bls.

W. H. S. Lloyd & Co., Minnekahda, London, 1 cs.

PAPER STOCK, RAGS, BAGGING, ETC.

R. T. Downing & Co., Osakis, Barcelona, 149 bls. paper stock.

Albion Trading Co., Saxonia, Liverpool, 215 bls. rags.

Arrowhead Mills, Saxonia, Liverpool, 219 bls. rags.

Cunard S. S. Line, Saxonia, Liverpool, 342 bls. rags.

Cunard S. S. Line, Saxonia, Liverpool, 587 bls. bagging.

Castle, Gottheil & Overton, Saxonia, Liverpool, 457 bls. bagging.

Castle, Gottheil & Overton, Saxonia, Liverpool, 84 bls. news-cutting.

OLD ROPE.

Castle, Gottheil & Overton, Wells City, Bristol, 141 coils.

International Purchasing Co., Wells City, Bristol, 137 coils.

Bemis Bros. Bag Co., Wells City, Bristol, 20 coils.

CHEMICAL AND MECHANICAL WOOD PULP.

American Wood Pulp Corp., Stockholm, Gothenburg, 3,325 bls. dry sulphite pulp, 582 tons.

Scandinavian-American Trading Co., Stockholm, Gothenburg, 1,680 bls. soda pulp, 340 tons.

Tidewater Paper Mills Co., Rhoda Holmes, Liverpool N. S., 5,404 bls. ground wood pulp.

CASEIN.

Eastman Kodak Co., Triumph, London, 5 bags.

CHINA CLAY.

Perkins-Goodwin & Co., Seattle Maru, Fowey, 380 tons.

Hammill & Gillespie, Seattle Maru, Fowey, 251 tons.

Moore & Munger, Seattle Maru, Fowey, 825 tons.

J. W. Higman & Co., Inc., Seattle Maru, Fowey, 152 tons.

Baring Bros. & Co., Ltd., Seattle Maru, Fowey, 1,132 tons.

J. Richardson & Co. (Boston), Seattle Maru, Fowey, 261 tons.

Kalbfleisch Corp., Port Elliot, Bristol, 150 casks, 75 tons.

CANADIAN FOREIGN TRADE VISITORS

(Continued from page 28.)

pany, which enabled the company to increase production and make a complete line of bond and writing papers.

Brompton Paper Co. Statement

The statement of Brompton Pulp and Paper Company for the half year ended April 30, shows gross profits of \$517,355, as against a total for the full previous fiscal year of \$1,051,275, or at practically the same rate. After deductions of expenses, bond and bank interest, as well as preferred dividends, net available on the common stock is \$343,118, as compared with \$1,114,000 in the full previous year, or at a somewhat lower annual rate. The carry forward for the half year amounts to \$168,118.

In the report, which is signed by F. N. McCrea, the president, it is pointed out that the period included the signing of the armistice and consequent dislocation of trade and industry. This was felt severely in all lines of the pulp and paper products, with the exception of news print paper, the demand for which was the first to recover from the effects of the changed world position. Readjustment to a peace basis in the market for other pulp and paper products has been slower and it was only in the last two months of the period that trade approached a normal condition.

Business Increasing Very Fast

The last month of the half year and the two months which have elapsed since have seen a revival in the demand for all lines which has resulted in a considerably improved rate of monthly earnings over that for the half year under review. The report includes figures giving the extent of the company's operations since the acquisition of the Groveton and Claremont properties. This shows a total pulp and paper production of 212,000 tons, while lumber production is given at 12,000,000 feet. The report also shows an excess of pulp and paper for sale of 123,000 tons, the company itself using the balance of 89,000 tons. In the output of news print, it is pointed out, is included the new paper machine installed at East Angus, which has been in operation since the end of the half-year period, adding to future earnings an output of 17,000 tons per annum.

Paper Legislation

The legislation passed in the closing days of the session with regard to the Paper Controller's functions is designed specifically to ensure that any orders he may make before the formal declaration of peace shall not be stopped when such declaration occurs.

There has never been any intention of continuing paper control after the war period is ended—that is, when peace is officially proclaimed.

The new legislation simply ensures that the formal declaration of peace shall not automatically stop the operation of any orders awaiting execution. Power is given to the Controller and the Paper Appeal Tribunal to continue, after the declaration of peace, all work and proceedings begun during the war and also power to enforce orders made in respect of such period.

There are today orders of the Controller fixing prices of news print from July 1 of last year, under appeal before the Paper Appeal Tribunal. There are also orders regarding the payment of differentials before the same tribunal.

The object of the new legislation, as stated, is to ensure that these proceedings may be fully carried out. All necessary steps are authorized to secure enforcement of the orders which have been, or may be, made by the Controller as confirmed or modified by the Appeal Tribunal when its decision is given.

That will prevent any defiance of orders given up to the declaration of peace and still awaiting execution when that date arrives.

Riordon Stock Advancing

While a pool is said to be operating in Riordon and talking of it going much higher on the Montreal exchange, insiders express the view that its establishment on a 10 per cent. dividend basis three years ago, coupled with the highly favorable outlook for the paper industry generally, ought to warrant a better price than the market had been making up to recently.

The Kipawa Fibre plant will be operating later in the year and as this is sponsored financially by the company it is expected to benefit Riordon's treasury materially.

Pulp and Paper Mills for Siberia

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., July 14, 1919.—In an interesting report on the lumber situation in Siberia, Louis Kon, secretary of the Canadian Economic Commission which studied conditions there says: "There are no pulp or paper factories in the Far East at all, but a great tendency is displayed on the part of foresters to establish such industry and on the part of the government to foster it. Several applications for the erection of pulp and paper mills were made recently. A convention of foresters last September recommended to the government to substitute the stumpage royalty by a royalty on manufactured pulp."

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Miscellaneous Markets

OFFICE OF THE PAPER TRADE JOURNAL,
WEDNESDAY, July 16, 1919.

ALUM.—All grades of alum continue in good demand, with stocks moving in the same quantities as a week ago. Prices continue: lump ammonia 4.25@4.50c. per pound, and powdered alum 4.50@5c. Lump potash, 9@10c. per pound, chrome potash 18@19c. per pound, and chrome ammonia 15@17c. per pound.

BLANC FIXE.—There has been no let up in the activity in the blanc fixe market this week. Manufacturers report that the demand is strong for both the dry and pulp grades and a good volume of stock is moving into consuming channels. Quotations continue, 4@4.25c. per pound for dry blanc fixe, and \$40@45 per ton for blanc fixe in pulp form.

BLEACHING POWDER.—The demand for bleaching powder continues to improve and manufacturers report that a large number of inquiries are constantly being received from both domestic and export sources. Manufacturers' prices for bleach are now 2c. per pound packed for domestic use, and 2.25c. f. a. s. packed for export.

BRIMSTONE.—The demand for brimstone continues good. Producers report that a large number of inquiries are constantly being received from both domestic and export sources, and a large portion of stock produced is being used for shipment out of the country. There has been no change in the price, and quotations continue \$18 per ton for brimstone for domestic use, and \$20 per ton f. o. b. mine for export.

CASEIN.—The casein market is practically unchanged this week. Dealers report that there is still a good demand for stock and an average number of sales and shipments are being made daily. The price has not changed this week, and 13.50@15c. per pound is still being quoted.

CAUSTIC SODA.—Dealers report that export consumers are the heaviest buyers of caustic soda at present, with an average demand coming from domestic sources. Quotations for the 48 per cent grade are now on a basis of 2.75c. when bought from a manufacturer and a trifle higher than this when bought from second hands.

CHINA CLAY.—Conditions in the clay market are unchanged this week. Producers report that they have not yet been able to make up for the loss in production caused by recent labor troubles, but all orders are being filled with reasonable promptness. The price continues \$8@10 per ton for the crude domestic grade, and \$11@13 per ton for clay washed at the mine. Foreign clays are being quoted at \$15@20 per ton, according to the grade.

ROSIN.—The rosin market continues firm. Prices have advanced slightly for the higher grades caused by the active demand, and market factors are anticipating further advances, should the demand again grow larger than receipts. Papermakers' grades are now being quoted as follows: E, 16.50; F, 16.70; G, 16.80.

SATIN WHITE.—Manufacturers of satin white report that the demand continues strong for this commodity, and they are making constant sales and shipments involving large tonnages. There has been no change in the price, and quotations are still at 2.25@2.50c. per pound.

STARCH.—For carload lots, freight prepaid to New York city, the following quotations are made, 100 pounds: Globe starch, in bags, \$5.62; in bbls., \$5.84. Buffalo cornstarch, in bags, \$5.77; in bbls., \$5.99. Eagle finishing starch, in bags, \$6.62. Crystal T. B. starch, No. 90, fluidity (hand packed), in bags, \$6.72; in bbls., \$7.08. Crystal T. B. starch, No. 90, fluidity (machine packed), in bags, \$6.67; in bbls., \$6.93.

SODA ASH.—A slight increase in the demand for soda ash has led manufacturers to raise quotations to higher levels this week. The market is firm, and stocks are moving with regularity into

both export and domestic consuming channels. Prices are now on a basis of 1.95c. for the 58 per cent grade in bags, and 2.05c. in bbls. Both of these quotations are f. o. b. works.

SULPHATE OF ALUMINA.—The sulphate of alumina market continues steady, with prices holding firm at their former levels. There is a good demand for both the iron free and commercial grades, and producers are disposing of the greater part of their output. The iron free grade is now being quoted at 2.75@3c. and the commercial grade is selling for 1.75@2c.

TALC.—There has been no change in the condition of the talc market this week. Dealers report that they are receiving a fairly large number of inquiries, and sales and shipments are being made regularly. The price continues \$12@15 per ton, according to the grade.

Market Quotations

(Continued from page 59.)

BOSTON

[FROM OUR REGULAR CORRESPONDENT.]

Paper		These prices are F. O. B. Mill.	
Bonds .....	.12 @	Chip Board (ton).....	35.00 @ 65.00
Ledgers .....	.18 @	Straw Board (ton).....	40.00 @ 55.00
Writings—		News Board (ton).....	40.00 @ 70.00
Superfine .....	.18 @	Wood Pulp Board.....	70.00 @ 87.50
Fine .....	.15 @	Old Papers	
Books, S. & S. C. ....	.10½ @	Shavings—	
Book, M. F. ....	.10 @	No. 1 Hard White ..	4 @ 4½
Book, Coated .....	.12 @	No. 1 Soft White ..	2½ @ 3
Label .....	.13 @	No. 1 Mixed.....	1½ @ 2
News, Sheets .....	.06 @	Ledger & Writings ..	2.25 @ 2.50
News, Rolls .....	.05 @	Solid Book	1.60 @ 1.75
Manilas—		Blanks	1.15 @ 1.25
No. 1 Manila.....	5¼ @ 5½	No. 2 Books, light ..	1.50 @
No. 1 Fibre.....	5 @ 5½	Extra No. 1 Manila ..	1.50 @
No. 1 Jute.....	.11½ @ .12	No. 1 Manilas.....	1.50 @ 1.75
Kraft Wrappings..	7 @ 7½	Folded News (over-	
Common Bogus ...	2 @ 2½	issues) .....	.85 @ .90
		Old Newspapers....	.50 @ .60
		Mixed Paper .....	.40 @ .50
		Gunny Bagging ...	2½ @ 3.00
		Manila Rope .....	.04 @ .04½

TORONTO

[FROM OUR REGULAR CORRESPONDENT.]

Paper		Sulphite, easy bleach-	
(Mill Prices to Jobbers)		ing	\$87.00 @ \$89.00
Bond—		Sulphite, news grade ..	65.00 @ 75.00
Light tinted	13½ @	Sulphite, bleached....	100.00 @ 105.00
Light	14½ @	Sulphate	85.00 @ 90.00
Dark tinted	16 @	Old Waste Papers	
Ledgers	18 @ .30	(In carload lots, f. o. b. Toronto)	
Writing	13 @	Shavings—	
News, f. o. b. Mills—		White Env. Cut. 4.20	@
Rolls (carloads) ..	\$3.45 @	Soft White Book ..	@
Rolls (l. c. l.) ..	3.52½ @	Shavings	3.40 @
Sheets (carload) ..	3.80 @	White Bl'k News 1.10	@
Sheets (l. c. l.) ..	3.92½ @	Book and Ledger—	
Book—		Flat Magazine and	
No. 1 M. F. (car-		Book Stock (old) 1.40	@
loads)	9.75 @	Light and Crum-	
No. 2 M. F. (car-		pled Book Stock 1.25	@
loads)	9.00 @	Ledgers and Writ-	
No. 3 M. F. (car-		ings	2.20 @
loads)	8.25 @	Solid Ledgers ..	2.20 @
No. 1 S. C. (car-		Manilas—	
loads)	10.25 @	New Manila Cut. 1.65	@
No. 2 S. C. (car-		Printed Manilas ..	2.00 @
loads)	9.25 @	Kraft	2.50 @
No. 1 Coated and		News and Scrap—	
litho.	12.25 @	Strictly Overissue ..	.80 @
No. 2 Coated and		Folded News....	.70 @
litho.	11.25 @	No. 1 Mixed Pa-	
No. 3 Coated and		pers .....	.60 @
litho.	10.50 @	Domestic Rags—	
Coated and litho.,		Price to mills, f. o. b. Toronto	
colored	12.50 @ 14.50	Per lb.	
Wrapping—		No. 1 White shirt cuttings ..	.09
Grey	5.25 @	No. 2 White shirt cuttings ..	.06½
No. 3 Manila.....	5.60 @	Fancy shirt cuttings....	.07½
No. 1 Manila.....	7.35 @	No. 1 Old whites.....	.04
Fibre	7.35 @	Thirds and blues.....	.02½
Kraft, M. F. or		Per cwt.	
M. G.	9 @	Black stockings	2.00
Pulp		Roofing stock No. 1.....	1.40
(f. o. b. Mill.)		Roofing stock No. 2.....	1.30
Ground Wood.....	\$27.00 @ \$29.00	Gunny bagging	3.00
		Manila rope034

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

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

CASH MUST ACCOMPANY ORDER.

WANTED Super Calendar Man. Must be experienced in calendaring all grades of paper. Address Box 1398, Paper Trade Journal. J31

WANTED Working Night Boss for mill making book paper. Two tours. State age, experience and rate of pay. Must be strictly sober. Address Box 1399, Paper Trade Journal. J17

WANTED by high grade New York house, must have an established trade in wrappings and specialties in Metropolitan District or Southern New England. Best of mill connections, unlimited buying capacity and first class service to the right man. Address Box 1400, Paper Trade Journal. A7

WANTED Back Tender for fast running Kraft machine who can handle help. Also first class sheet cutterman that can show results. Application by wire. Yellow Pine Paper Mill Co., Orange, Texas. J24

WANTED experienced salesman for wholesale paper house, to cover New York city, New York state, Massachusetts, Pennsylvania, and South. Excellent opportunity for live wires. Address Box 1403, Paper Trade Journal. J17

WANTED experienced typist and stenographer by wholesale paper house, one familiar with paper business. Address Box 1404, Paper Trade Journal. J17

EXPERIENCED SALESMAN wanted by young aggressive paper house. Must be familiar with New York City trade and have a clientele. High grade man only. Excellent opportunity. Address Box 1405, Paper Trade Journal. J17

WANTED office man in wholesale paper house in small eastern city. Should have knowledge of fine papers and experience in credits. State age, experience and salary wanted. Address Box 1406, Paper Trade Journal. A7

WANTED—Machine Tender for 60" three cylinder machine, making colored specialties—\$5.50 per day, two tours. Mill located in Connecticut. Address Box 1380, Paper Trade Journal. J17

FOR SALE

Three (3) 8 plate open side Packer Screens, with plates and Witham fasteners.

Two (2) No. 2 B. & C. Jordan Fillings with bronze fillings.

Location: Hartford City, Indiana.

Address: The Shurtle Brothers Machine Co., Middletown, Ohio.

HELP WANTED

WANTED—Beaterman for container board mill; good wages to right party; two tours. Apply Box 1387, care Paper Trade Journal. J17

WANTED as export manager in a wholesale paper house, a gentleman speaking Spanish, and fully familiar with export details. Merriam Paper Company, 150 Lafayette St., New York. J17

WANTED—Millwright and a wet machine tender for new mill in middle West. Apply giving references to Box 1390, Paper Trade Journal. J17

WANTED—A good back tender on water finished fibre. Two tour mill. Speed 350 to 400 feet. Address Box 1391, Paper Trade Journal. J17

WANTED—An experienced Paper Salesman, splendid opportunity for right man. State age, references and experience and salary expected. Address Box 1392, Paper Trade Journal. J17

ASSISTANT SUPERINTENDENT wanted by a Mill making High Grade Sulphite Bonds. Must be man with long practical experience and with a knowledge of the use of old papers. Address, Box 1360, care Paper Trade Journal. J17

SUPER-CALENDER man wanted at once. Must be experienced in the calendaring of all grades of paper. State wages required. Address, Box 1361, care Paper Trade Journal. J17

WANTED—First-class Envelope Machine Adjuster to have full charge of small Envelope factory (12 Champion Machines). A splendid opportunity for the right man. Address Box 1363, this office. Give age and experience. All communications held in strict confidence. J24

WANTED—An A No. 1 Millwright familiar with paper mill work. Rate 61c. per hour. Only strictly sober, reliable man need apply. Address, Box 1367, care Paper Trade Journal. J17

WANTED AT ONCE—Two good Beatermen, familiar with straw and chip stock. No labor trouble. Good healthy place to live. State experience and wages wanted in first letter. Apply to American Straw Board Co., Chestertown, Md. J24

WANTED—Two First-Class Millwrights, two Machine Tenders and two Back-tenders for employment in Cylinder Mill in New York State. Address, Box 1373, care Paper Trade Journal. J17

OPPORTUNITY FOR MAN understanding manufacture of bristol boards. Desire to get into touch with a man who understands the manufacture of fine Bristol Boards. Must know how to handle stock, equipment required, and be practical man in every respect. Very fine opening for the right man. Address Box 1347, care Paper Trade Journal. J17

WANTED—Machine Tender for four cylinder machine, making Box Boards. Mill running days only. Wages \$5.00 per day. Address, Box 1312, care Paper Trade Journal.

SITUATIONS WANTED

EXPERIENCED Paper Salesman wishes to connect with manufacturer of writing or book papers, as local representative in any large city. Will also consider proposition of traveling or foreign representative. Please give full particulars in replying. Box 1397, Paper Trade Journal. J17

SITUATIONS WANTED

SUPERINTENDENT at present employed, desires to make change. Eighteen years practical experience on Kraft, Manila, and all grades Tissue, good on colors, Fourdrinier and Cylinder, Edwards and Hawley Fuller attachments, machine and second process creeping, specializing in specialties, high grade reference furnished. Address, Box 1402, care Paper Trade Journal. J17

ENGINEER—Massachusetts licens. Fifteen years paper mill experience. Curtiss-Parsons turbines-Reciprocating engines. Electrical apparatus. Now in power station of 20,000 K.W. Address E. H. W., 150 Clifton Ave., Campello, Mass. J31

BEATER ENGINEER wishes position. Experienced on fine papers, rag stock, also high grade Boxboards, tests, etc. Address Box 1407, Paper Trade Journal. J17

YOUNG MAN wishes position as machine tender. Have had several years' experience on all grades of box boards, container and tag board. Excellent references. Address Box 1384, Paper Trade Journal. J31

WANTED PAPER MILL TO REPRESENT in New York City—by reliable Salesman who can produce large business in most any line. Must have good daily capacity. Do not wish to carry accounts. Best of references. Address, Box 1368, care Paper Trade Journal. J31

(Continued on page 65)

FOR SALE

PAPER MACHINES—One 72" Harper Fourdrinier, 2 Presses, 15 Dryers, 1 stack Calenders, 1 Reel, Sifter, Winder, Marshall Drive.
DRYERS—14 86" x 54", 15 86" x 60", 3 48" x 140", 4 48" x 111".
SIZE PRESS—Rolls 16" diam. 82" face, rub. & brass.
SLITTERS—1 187" Kidder, 1 106" Kidder, 1 98" Kidder, 1 48" Bisek & Clawson.
WINDERS—1 90" Facey & Jones single drum winder, 1 90" Downingtown Tissue, 1 85" Kidder.
MACHINE CALENDERS—1 82" bottom 18", 1 16", 1 12", 1 72" eleven rolls, 1 65" five rolls, 1 60", 1 72" seven rolls 12" intermediates, 1 87" five rolls, 1 48" five rolls.
SUPER CALENDERS—1 65" Norwood late type, 1 60" Norwood, 2 45" Norwood.
PAPER SHEET CUTTERS—1 130" Dillon Duplex, 1 112" Finlay, 1 62" Horne, 1 46" Finlay, 1 38" Finlay, 1 44" Hamblet, 2 43" Finlays.
BEAR CUTTERS—1 80" Dayton Seybold, 1 40" Acme, 1 46" Sheridan, 1 86" Sheridan.
BEATERS—6 Jones, rolls 61" diam. 48", never used; 4 Noble & Wood, 72" x 44", 4 Horne rolls 44" x 44", 1 Horne 60" x 48", 1 Umphersian 48" x 66", 1 Claffin beater.
JORDANS—1 Jones Wagg Majestic, 2 Horne, 1 Emerson.
PUMPS—1 Deane triplex power water 10" x 10", 2 Deane triplex stuff 8" x 8".
SCREENS—1—12 plate Harmon, 2 10 plate New Success, 1 Sandusky centri, 1 12, 1 10, 2 8 plate New Success, 1 Mours & White Auxiliary.
WET MACHINES—1 72" Sandy Hill, 1 72" Bagley & Sewall, hydraulic.
ENGINES—1 Fishkill Corliss 18" x 42", 1 8" x 13" Ball, 1 10" x 11" Ideal, 1 Putnam 12" x 20", 1 Corliss 10" x 24".
SAVE-ALLS—2 Fullner new, 2 Improved Mach. Co. Pneumatics.
SHREDDER—1 Ryther & Pringle, 1 Leather Shredder.
ROTARIES—2 7" diam. x 21" 6", 1 6" x 21", 1 7" x 24".
CYLINDER MOULDS—1 86" x 119", 1 80" x 106", 3 30" x 80", 2 30" x 72".
1 45" Sheet Lining Machine.
1 No. 8 Reeves Drive.
1 Baker & Sherwin Worm Washer.
2 Stevens Digesters.
1 Millsbaugh Suction roll 96" x 14 9/16".
1 Farnham Suction roll 84" x 14".
12 Three Pocket Grinders.
2 42" Waldron Coaters.
1 Wheat Duster. 1 Noble & Wood Duster.

FRANK H. DAVIS

175 Richdale Ave., Cambridge B, Mass.

SITUATIONS WANTED

(Continued from page 64)

PAPER SALESMAN seeks change. Eighteen years in fine papers. Thirty-seven years old. Would like to connect with paper mill. Traveled six years for book paper mill. With a jobbing house the last five years and the star man. Making four hundred dollars a month plus a bonus. Address, Box 1369, care Paper Trade Journal. J17

THOROUGHLY PRACTICAL and theoretical man wishes a position as Mill Manager or Superintendent. Used to all grades of paper. News mill preferred. Box 1370, care Paper Trade Journal. J17

WANTED—Foreman for both Cylinder and Harper Fourdrinier Machine making colors and specialties. Good opportunity for right party. References required. Address Box 1350, care Paper Trade Journal. J3

SUPERINTENDENT would like to make a change. Experienced on high grade Papers for waxing. Toilet and Manifold. Familiar with all type of machines. Address, Box 1307, care Paper Trade Journal. J17

COMPETENT, EXPERIENCED MAN desires a position as Foreman or Cylinder Machine Tender. Can furnish good references as to character and ability. Married, steady and reliable. Address, Box 1374, care Paper Trade Journal. J17

MAN with 20 years' experience selling the products of mills making various grades of Paper and Boards to the Jobbing Trade and large converters, is open for engagement. Best references. Address Box 1176, J17

WANTED

GENERAL SUPERINTENDENT—We want a capable man to take charge of our mills and are willing to pay a good salary to the right man. He must be a man of experience and one who has a thorough knowledge of the manufacture of light weight 8 lb. to 9 lb. high grade sulphite tissue. He must have executive as well as practical ability and be able to assume the responsibility of taking complete charge of production. Applications stating experience, ability and references will be considered strictly confidential. Address Box 1372, care Paper Trade Journal. J17

PAPER MACHINERY FOR SALE.

- 6 White Oscillating Screens, with new oscillating device.
- 8 Plates 10 x 24", cut .0014.
- 4 Plates 10 x 24", cut .0018.
- 1 New York Safety Steam Engine, Upright, 125 H. P. Cylinder 16 1/2" Bore, 18" Stroke. Flywheel 98" Diam., 18" Face.
- 3 Holyoke Machine Company Platers, 36" Rolls.
- 1 Fan (Blower) made by B. F. Sturtevant Co. of Boston, Mass., Diam., 72" x 46" wide; 87/16" Bearings 12" long; casing outside dimensions, 42" 8" 6" x 7' 2". All in good condition. Prices low. Address—Parsons Paper Company, Holyoke, Mass.

Your Opportunity

Wanted **TWO FIRST CLASS SALESMEN. MUST BE ABLE TO SELL PAPER BAGS and TOILET PAPER.** One with Headquarters at Chicago and one to travel Eastern Territory. Salary commensurate with your **ABILITY.** Apply by letter only to The H. Norwood Ewing Co., Woolworth Building, New York, N. Y.

SITUATIONS WANTED

SITUATION wanted with a Paper Bag Manufacturing Company to supervise construction and installation of my improved high speed automatic machine for the manufacture of Grocery Bags. For particulars, address P. L. Bartholomew, R. D. 1, Box 168, Aurora, Ill.

HAVE HAD long experience in the wholesale paper trade. Especially familiar with the N. Y. City territory. Now have a well equipped downtown office, with a capable stenographer-assistant. Would represent a reliable mill. Have no paper connection at present. Best of references. Address, Box 1218, care Paper Trade Journal.

FOR SALE

FOR SALE—Paper Coating Machine for experimental work. Sharpes Centrifuge and Abbe Porcelain Pebble Mill, 25 gallons. Address, Box 1283, care Paper Trade Journal. J10

WANTED

AT ONCE—High class traveling representative for sulphite fibre mill. Man acquainted with Eastern mills and full knowledge of fine papers. Address Box 1408, Paper Trade Journal. J17

We Want Salesmen

- If you understand the paper business—particularly the selling end of it;
 - If you are desirous of affiliating with a new, capable, aggressive sales organization that I am aiming to make the best of its kind;
 - If you have an established clientele that you could increase, and a well-earned reputation for treating your customers right;
 - If you are at present working in a restricted territory and your earnings are necessarily limited;
 - If you are ambitious and want to increase your present income;
 - If you possess these and the other fundamental qualifications necessary;
- Then write me immediately in **ABSOLUTE CONFIDENCE** arranging for an interview.

We Want Salesmen

M. H. Friemark, President,
AMERICAN PAPER MILLS CORPORATION,
38 Park Row, New York, N. Y.

Standing stock is like stagnant water—it never gets anywhere. Can your stock be classed as moving stock? If it can't, then The Paper Trade Journal's Want and For Sale pages are at your disposal. Try them.

FOR SALE

FOR SALE—Small waste paper baler, suitable for use in baling small lots. Work done has already returned purchase price to owner, will therefore sell cheap. Address "Paper Baler," care Paper Trade Journal.

FOR SALE—1 complete Paper Mill, 13 Drives, top and bottom; 72" wide. Also one Watts-Campbell Corliss Engine, 16" x 38" and one Binders Board Mill, James Gaskell, Room 709, World Building, New York City. J10

(Continued on page 67)

DISCHARGED OFFICERS

Are valuable men to use in **YOUR organization**
HIGH CLASS EXECUTIVES
ENGINEERS AND
TECHNICAL MEN

have broadened and increased their value by special **ARMY and NAVY** training.

War time experience has speeded up their thinking ability. They are better workmen, better organizers, better managers.

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Free Re-Employment Bureau of New York City

FOR SOLDIERS, SAILORS AND MARINES

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Phone Worth 9250

PROFESSIONAL AND TECHNICAL DIVISION

FOR SALE

- BEATERS**—One 61"x48", Five Jones, One Downingtown, Two Horne, One 60"x60", Several 72"x44", Two Clifton Refining Engines.
 - RED PLATES**—Circled to diameter of roll.
 - CALENDERS**—One 7 roll stack 72" face, Two 9 roll stacks 72" face, One 9 roll 63" face, One 9 roll 84" face.
 - COATERS**—Two 56" Waldron casters.
 - CUTTERS**—Two 45" Finlay cutters newly rebuilt with brand new Hamblet expansion pulley drive, 36" Sautors cutter, 35" guillotine cutter.
 - CYLINDER MOUNTS**—One 30"x54", one 30"x64", both rebuilt, ready for quick shipment. One new 30"x92".
 - DRIVES**—One Reeves No. 4, Class K, one Reeves No. 9, Class E, one Moore & White No. 10.
 - DRYERS**—4 36"x54", 3 36"x62", 7 48"x108", 1 36"x 66", 1 36"x78", 1 24"x120", also twenty brand new shells 48"x96", and ten new shells 48"x102".
 - EVERERS**—Two Mellor everers.
 - JORDANS**—1 Mammoth Jr., several Emerson and Horne type Jordans.
 - MACHINES**—One 2-cylinder machine for 56" trim, 28" drums. One 72" Harper fourdrinier.
 - PULLEYS**—One 97" dia. 34" face double arm, modern pulley. One set cone pulleys, 40"x31"x83" face. One set cone pulleys, 40"x31"x78" face. Also large stock of iron pulleys, including some cone pulleys for Marshall drives. New wood pulleys with friction clutches.
 - PUMPS**—One dry suction pump single vacuum, 12x22x18 Knowles, one 1,000 gallon Blake tank pump, several 7" and 8" Lawrence Machine Company, Class A, high duty pumps; fan pumps, new stock pumps, single and double.
 - PRESS ROLLS**—Large number of different sizes on hand. Some suitable for rubber covering.
 - ROTARIES**—One 14' Globe, one 84"x22" horizontal in good condition, ready for immediate shipment.
 - HEELS**—Two Bagley & Sewall, one two bowl upright, one ten bowl revolving, bowls 48" face. Also several new reels now under construction. State the width you require.
 - RAG CUTTERS**—One Daniels No. 2, 12 1/4" knife; one Rice, Barton & Pales with 12" knife, newly overhauled and ready for quick shipment.
 - SCREENS**—Two 6 plate Success, newly overhauled, 6 Ruth centrifugal, 6 Voth centrifugal.
 - WET MACHINES**—One 74", one 72" and one 84".
 - WINDERS**—One 72" single drum, one Manning 74".
- Our stock is constantly changing. Advise us of your wants.

Mills Machine Company
LAWRENCE, MASS.

Excellent Opportunities

offered to invest in Paper Mills, either as a straight paying investment, or active partner proposition. We have for sale, the following dandy propositions:

Fine Paper Mill Site in Vermont, with fourteen dwellings and part mill buildings; water capable developing three hundred horse power. Well worth investigating.

A \$15,000 Paper Mill in Conn., a \$20,000 Mill in New York State. Two mills in Penna. One at \$55,000; the other at \$65,000, or will sell entire equipment, the latter separately at \$40,000. Another Mill in Maryland at \$50,000.

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CHEMICAL and MECHANICAL
WOODPULPS

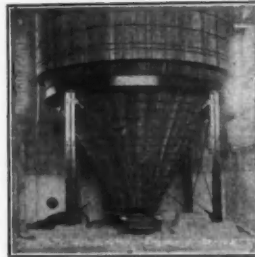
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Chemicals of All Descriptions*

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BRANCHES:
Stockholm—Sweden
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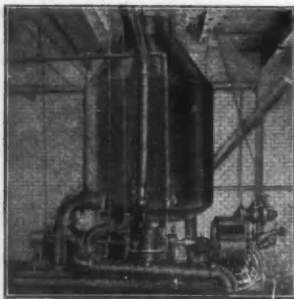
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Dayton—R. R. Reed

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WOOD TANKS
FOR ALL
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Everett Station, Boston, Mass.



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.

CAPACITY—12 TO 15 TONS IN 24 HOURS

It de-fibers and liberates ink and color in one operation. It separates ink and color from fibers, instead of rubbing, grinding or kneading them in—thus shortening the time required for washing, and insuring a brighter pulp.

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Makers of Highest Grade Fourdrinier Wires, Dandy Rolls, Cylinder Covers, Brass Wire Cloth of all Meshes for Paper, Pulp and Coating Mills—Quality Guaranteed

We make a specialty of Fine Wires for Magazine and Book Papers

(Continued from page 65)

MISCELLANEOUS

WANTED second hand Mullen & Pope Brusher. Address Box 1401, Paper Trade Journal.

I HAVE an interest in up to date Paper Mill and want a man to invest with me to give company more working capital. All replies confidential. Address Box 1379 Paper Trade Journal. J17

WANTED—One 48" to 60" Seybold Ream Cutter or other good make. Must be in first class condition. Also want one cut to register Sheeter. Prefer Kidder make. Address Wardway Paper Mills, Port Madison, Iowa.

WANTED—Fourteen dryers; diameter 36 inches; face 40 to 50 inches. Address, O. S. Klrkeby, Room 704, 61 Broadway, New York. tf

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

1000 Gals. Underwriters

FIRE PUMP

New Condition; Blake-Knowles, 4 nozzle connection, size 18x10x12, shop No. 217,345. Price right. W. S. Lightall, Drawer 45, Syracuse, N. Y. J-17

WANTED COPPELS' ROTARY ENVELOPE MACHINE

new or second hand. Address with full particulars and outturn samples, as to capacity, terms, a. s. o. to Nestelroij, Paper Works, Amsterdam, Holland. J 17

Architects and Engineers.

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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.

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

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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.

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

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

Straw Pulp.

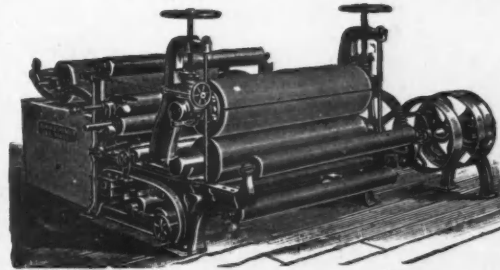
SCANDINAVIAN-AMERICAN TRADING CO., Produce Exchange, New York. All other kinds of Pulp.

H. C. CLARK & SON MACHINE CO.

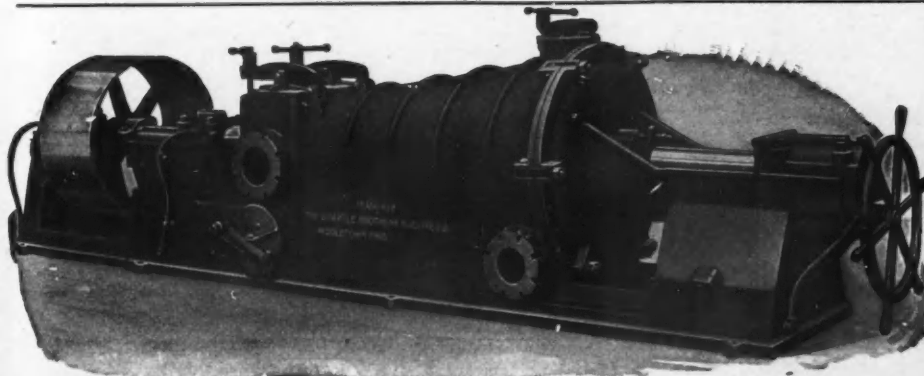
Manufacturers **PAPER MILL MACHINERY**

LEE, MASS.

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

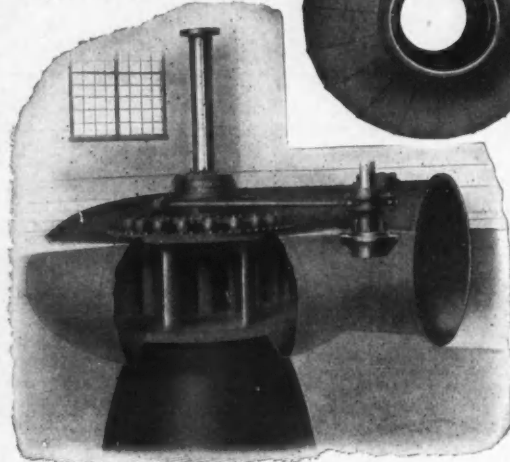


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Middletown Ohio

92 $\frac{1}{4}$ %
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 Under Actual
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Single Vertical Shaft "SMITH" Hydraulic Turbine installed in Niagara Mill of Kimberly & Clark Co. established the above performance record, developing 3,000 H. P. at 240 R. P. M. under 60 feet head. If interested, write Dept. "X" for Bulletin.

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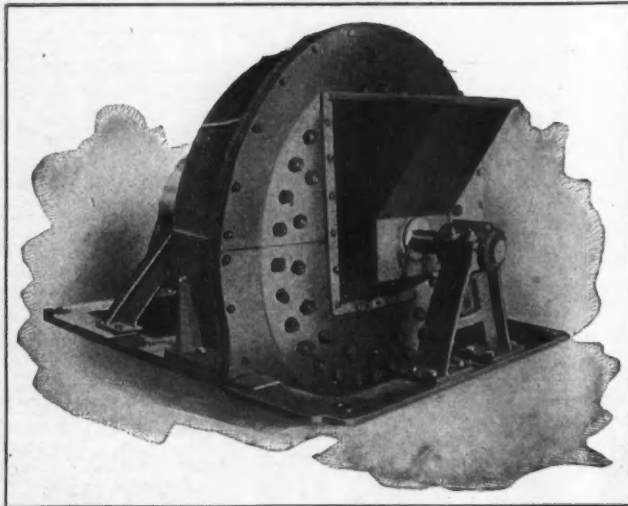
Paper mills throughout the country have found that the merciless test of time and use have proven the superiority of WYCKOFF ACID PROOF WOOD PIPE.

With its enduring asphalt insulation, its steel bands that bind the wood into one impervious whole—small wonder that WYCKOFF Pipe has become a "buy-word" in the paper and pulp field.

Ask us for details and references from those who are profiting by the use of WYCKOFF.

A. WYCKOFF & SON CO.
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A PULVERIZER

*Critical mill men know
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Finest Grades of Agalite

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MILLS CO.**

ROCHESTER, NEW YORK

MANUFACTURERS OF

**HIGH GRADE FOURDRINIER TISSUE,
SPECIAL WRAPPERS, FOLDER STOCK,
TAG BOARD, BRISTOLS, ETC.**

Mills at

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Direct all correspondence to Rochester, N. Y.

CALENDERS

Furnished Complete, with Electric Motor Lift,
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All Operated from Floor.

Grinding Machines for
Rolls of all sizes.



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**WINDERS
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REWINDERS**
SAMUEL M. LANGSTON COMPANY
CAMDEN, N. J.

"DRAPER" FELTS

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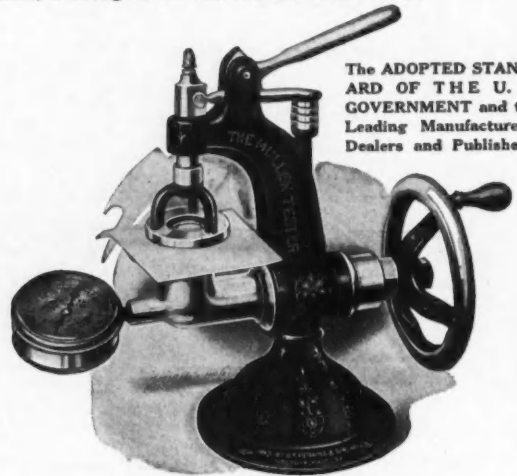
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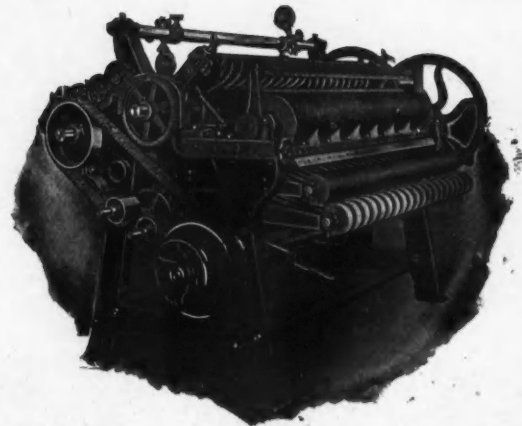
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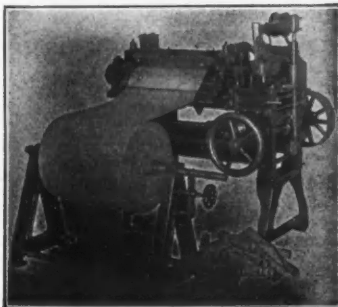
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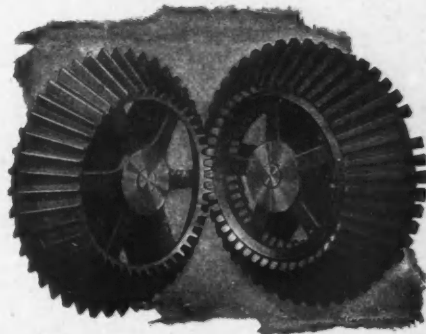
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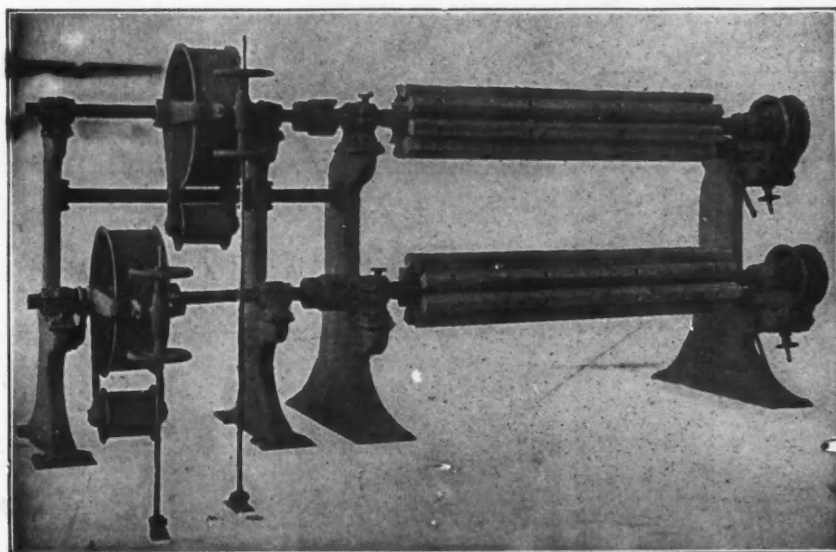
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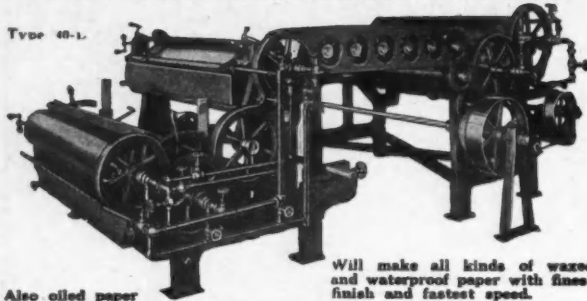
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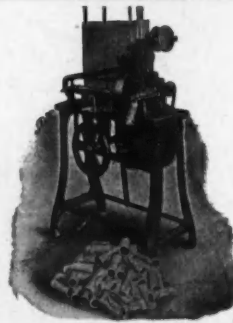
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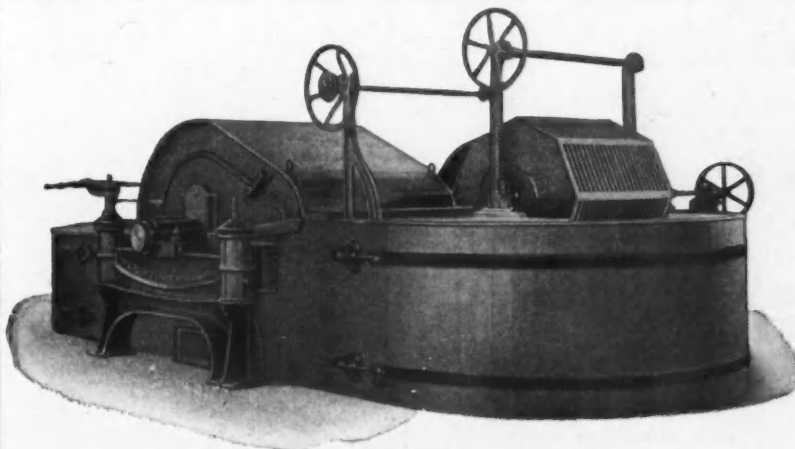
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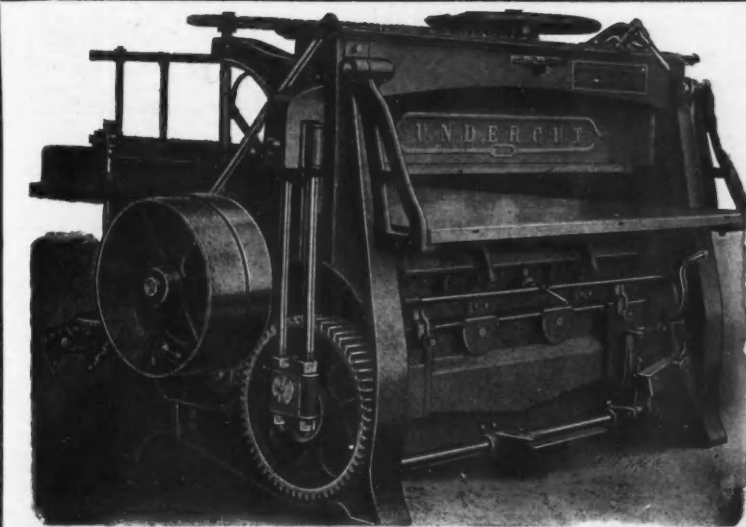
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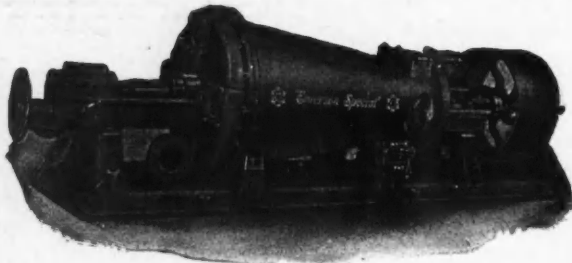
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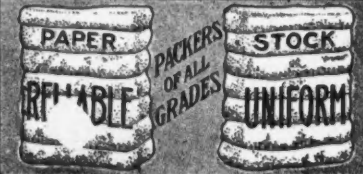
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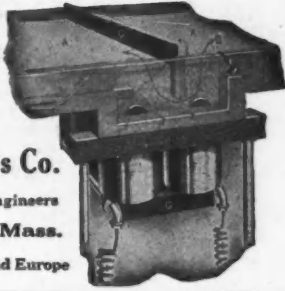
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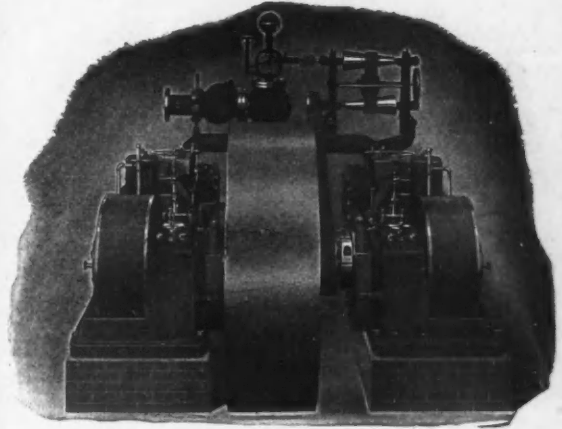
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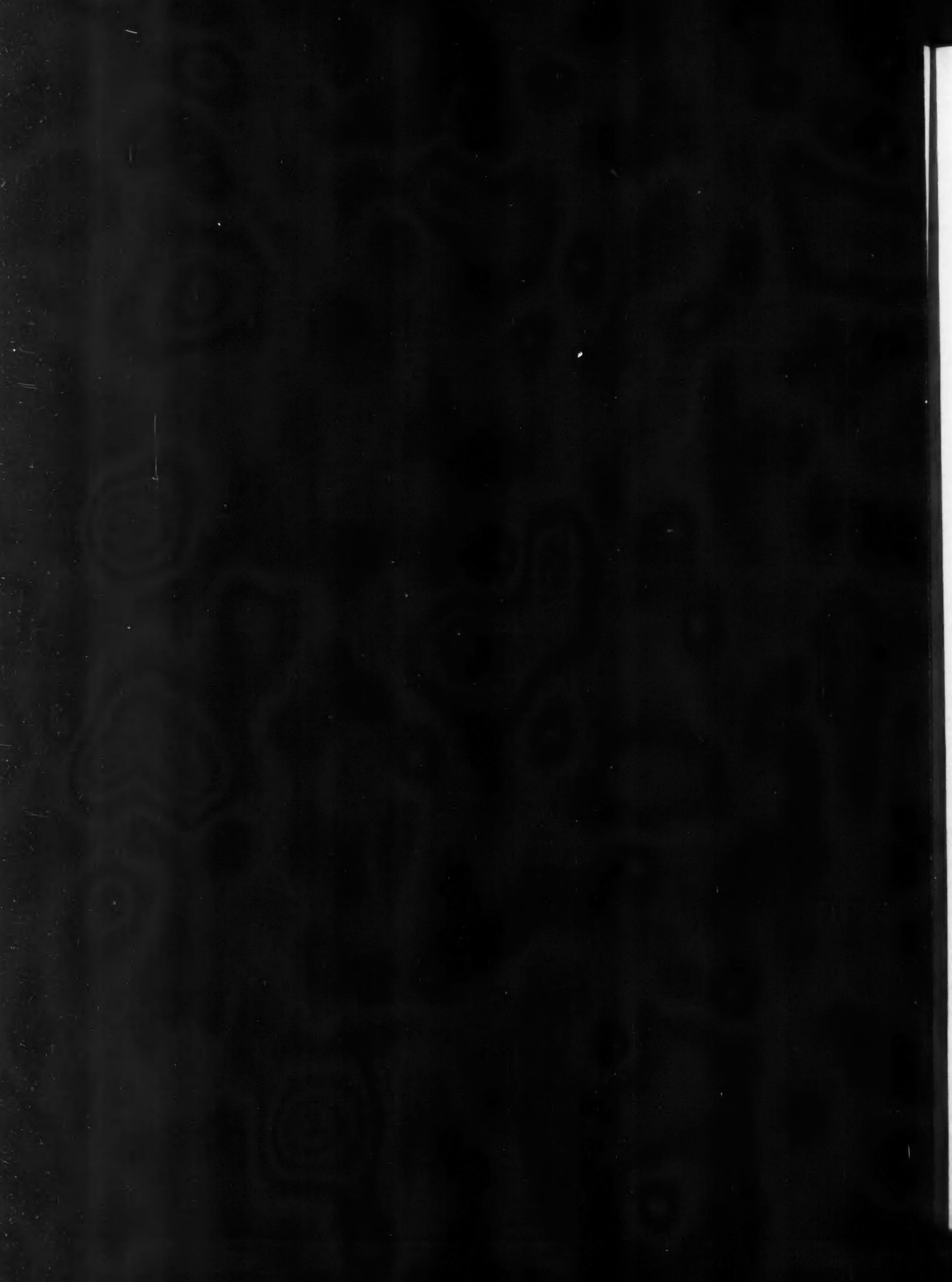
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