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# PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY.

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NEW YORK AND CHICAGO, JUNE 13, 1918.

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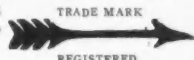
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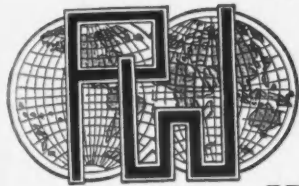






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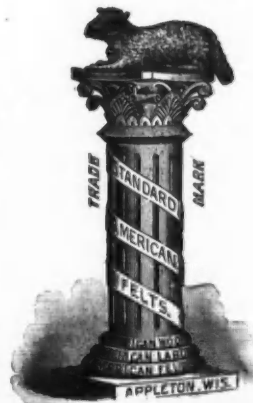
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THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

## FORTY-SIXTH YEAR

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NEW YORK AND CHICAGO

Thursday, June 13, 1918

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Report of the Federal Trade Commission Just Given Out Shows That Mill Stocks of News Print in Hand Were Equivalent to Only About One Week's Output—Report of Stocks From the Book Paper Mills Showed That Mills' Stocks on Hand of Book Paper Amounted to Only About One and One-Half Weeks' Output—Mill Stocks of other Papers Also Small.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., June 12.—The Federal Trade Commission in the monthly report says today: The following tabulation is a summary of production, shipments and stocks of all paper mills in the United States for the month of May, 1918. The mills have been classified for convenience into ten groups, according to the grades of paper made. Some mills making several grades appear in more than one group, so that there is a duplication in the total number of mills reporting.

### What Variation Was Due To

The variation in the number of mills from one week to another is due in part to the fact that some mills do not run continuously on the same grade. The difficulty in classifying mills correctly may also have affected the grouping in a few cases.

### Comparing the Stocks on Hand

Comparing the stocks on hand with the production it will be seen that:

News print mill stocks equal about 1 week's output.  
 Book paper mill stocks equal about 1½ weeks' output.  
 Paper board mill stocks equal about 1 week's output.  
 Wrapping paper mill stocks equal about 3 weeks' output.  
 Bag paper mill stocks equal less than 1 week's output.  
 Fine paper mill stocks equal about 3½ weeks' output.  
 Tissue paper mill stocks equal slightly more than 2 weeks' output.  
 Hanging paper mill stocks equal about 5 weeks' output.  
 Felts and building paper mill stocks equal less than 1 week's output.

Miscellaneous paper mill stocks equal about 2½ weeks' output.

The stocks of paper carried by different mills depend not only upon the conditions of the market, but also upon the kind of paper made, the trade customs, etc.

Variation in stocks is due also to a difference in the mills as well as the number of mills tabulated, and to the fact that mills are classified according to production instead of stocks.

Fourteen mills were reported down during the week ended May 26 for various reasons, the principal one being repairs. Two of the number were down due to lack of power, one on account of fire and two failed to give any reasons.

### Explanation of Attached Table

News print includes all standard news and special grades of news print, but excludes hanging paper which is shown separately.

Book paper includes all periodical paper and miscellaneous grades of machine finish, supercalendered, coated, etc. The stocks contain a duplication of about 5,000 tons.

Paper board includes all grades of board such as box, straw, chip, tag, press, fibre, binders, leather, bristol, etc.

Wrapping includes kraft, manillas, fibre and miscellaneous grades, such as glassine, grease proof, etc., but excludes bag paper which is shown separately.

Fine paper includes writings, bonds, ledgers, etc.

Tissue includes toilet, crepe, fruit wrappers, etc.

Felts and building papers include roofing, felt, sheathing and other grades of building papers.

Miscellaneous includes a great variety of specialties that do not classify under any of the above heads.

### PRODUCTION, SHIPMENTS AND STOCKS OF VARIOUS GRADES OF PAPER FOR THE MONTH OF MAY, 1918.

Grade.	Week Ended May	No. of Mills.	Mill Stocks on Hand, First of Week. Net Tons.	Production. Net Tons.	Shipments. Net Tons.	Mill Stocks on Hand, End of Week. Net Tons.
News print	5	61	28,650	25,229	27,958	25,921
	12	62	25,915	26,124	25,597	26,442
	19	63	26,549	25,640	25,984	26,205
	26	66	26,205	25,692	25,414	26,483
			28,650	102,685	104,953	26,483
Book	5	81	29,277	18,304	18,006	29,575
	12	77	29,530	18,450	17,845	30,135
	19	89	32,963	18,828	18,538	33,253
	26	92	34,304	18,684	19,754	33,234
			29,277	74,266	74,143	33,234
Paper board	5	224	39,116	39,610	38,403	40,323
	12	221	37,579	41,095	39,941	38,733
	19	235	41,071	41,362	40,443	41,990
	26	221	39,939	39,374	39,446	39,867
			39,116	161,441	158,233	39,867
Wrapping	5	146	50,187	16,488	18,124	48,555
	12	147	46,861	17,247	17,835	46,273
	19	146	44,078	15,840	17,648	42,270
	26	151	43,914	16,739	17,525	43,128
			50,187	66,314	71,132	43,128
Bag	5	28	3,385	2,167	2,999	2,553
	12	26	2,435	2,784	2,997	2,322
	19	25	2,426	2,723	2,893	2,256
	26	26	2,250	3,083	2,869	2,464
			3,385	10,757	11,758	2,464
Fine	5	98	27,957	8,409	8,537	27,829
	12	102	28,328	8,122	7,815	28,639
	19	94	23,493	8,351	8,046	25,798
	26	97	26,215	7,926	7,509	26,632
			27,957	32,808	31,907	26,632
Tissue	5	70	5,534	2,518	2,635	5,417
	12	69	5,227	2,622	2,395	5,454
	19	67	5,302	2,629	2,409	5,522
	26	75	5,532	3,005	2,789	5,848
			5,534	10,774	10,228	5,848
Hanging	5	16	6,815	1,156	1,255	6,716
	12	17	6,737	1,347	1,272	6,812
	19	14	4,061	1,067	1,076	4,052
	26	22	8,773	1,243	2,255	7,761
			6,815	4,813	5,858	7,761
Felts and building	5	42	5,407	6,390	6,211	5,586
	12	41	5,196	5,623	5,470	5,349
	19	39	5,782	5,434	5,194	6,022
	26	33	5,140	5,147	5,028	5,259
			5,407	22,594	21,903	5,259
Miscellaneous	5	28	3,368	1,504	1,446	3,426
	12	32	3,877	1,619	1,469	4,027
	19	25	3,168	1,358	1,296	3,230
	26	28	3,309	1,150	1,046	3,413
			3,368	5,631	5,257	3,413

### 2.85c. Price in Canada Again Extended

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., June 10, 1918.—Pending the issuance of the report of the Federal Trade Commission of the United States, whose experts have gone exhaustively into the question of the cost of news print paper in both countries, there is nothing doing in the Canadian investigation, according to Commissioner Pringle. He said he had extended the order expiring June 1 and fixing news print in Canada at \$2.85 per 100 pounds for another month, in order that in any further conferences looking for the fixing of a permanent price for paper, the evidence which the American investigators have been able to adduce could be utilized. Both sides in the question here feel this way about it and there has been no move made to get together until this report comes out. Mr. Pringle expects it will be ready somewhere about the middle of the month.

### No Forced Suspension of Rosin Industry

Dealers in rosin and other naval stores were considerably disturbed by the news from New Orleans that naval stores operators of Florida, Georgia, Alabama, Mississippi and Louisiana were requested by Cliff Williams, of Meridian, Miss., District United States Labor Commissioner, to meet in New Orleans June 10 to discuss the proposed virtual suspension of the naval stores industry for the period of the war. The meeting, which was largely attended by naval stores manufacturers of all producing States and representatives of National Paint, Oil and Varnish Association, National Varnish Manufacturers' Association, paper-makers, soap manufacturers and other manufacturing industries, did not, however, appear to have resulted in anything of a definitely restrictive character.

A report of the meeting from New Orleans says:

"Cliff Williams, Supervisor of the Sixth Labor District, comprising the States of Louisiana, Mississippi, Alabama, Georgia and Florida, held a conference with the naval stores operators of those States this afternoon with a view to releasing unessential labor to essential industries, and the result was entire accord. The conference lasted two hours and is said to have been the largest gathering of naval stores operators held here in years. Practically every section of the turpentine belt was represented.

"The operators came to the meeting with the idea that they would have to prove that they were essential to the Government or their labor would be diverted. They found that Mr. Williams was ready to co-operate with them to the full and wanted to keep the labor just where it was most needed, and they were gratified at his promise that no labor would be allowed to leave the district, and such as was moved from one section to another would be returned at the proper time. He asked for their co-operation in putting the idler to work and pointed out ways in which this could be done by creation of the proper public sentiment in the community.

"He said that even before the war started advancing prices had given warning of a reduction in the food supplies of the world, and now with twenty million men withdrawn from production in Europe and from six to eight million men withdrawn in the United States we were confronted by a critical situation which called upon everyone to do not only his part, but his very utmost in the conservation and production of foodstuffs. He urged the organization of a 'Self-Preservation and Loyalty League' in every community, whose duty it would be to list workers of every grade, see that they engaged in gainful occupations and regulate the supply in such a way that if they had a surplus they could notify the district supervisor so as to place them where most needed."

### To Allocate and Prorate Sulphur

At a meeting of the Chemical Alliance, held at the Hotel Biltmore in New York Friday of last week, resolutions were adopted by the meeting appointing a committee of three and giving this committee the power to ascertain stocks, allocate to different industries and distribute within those industries, and also stimulate production of all sulphur-bearing material. The committee consists of the chairman, Mr. Ladew, who is chairman of the foreign pyrites branch of the Chemical Alliance; W. D. Hutchinson, who is chairman of the Sulphuric Acid Board, and Judge Wilson, who is chairman of the Fertilizer Committee.

The committee is to work with the War Industries Board, who will appoint one or more representatives, and also a representative from the Federal Railway Administration.

The need for prompt action was impressed on the meeting by Mr. McDowell and Mr. Woolford, who spoke for the War Industries Board. They stated that a serious shortage of sulphur was faced by the Government and that it would be necessary to allocate and pro rate the supply.

Judge Wilson explained the scope and purport of the resolu-

tions and stated that so far as possible existing contracts would be respected. Further, that if any concern now purchasing sulphur was unable to carry out its obligations to its own customers through any redistribution or allocation on the part of the committee appointed, the committee would ask the War Industries Board for a priority ruling protecting the concern which is suffering against any claims or damages.

The meeting voted practically unanimously for the resolutions of the committee.

### Urge Paper Mills to Make Alcohol

In its automobile section Sunday the New York *Herald* printed the following:

Although this country produces about two-thirds of the petroleum of the world and produced more gasoline this year than ever before, investigations are being carried on by the National Automobile Chamber of Commerce with a view to exploiting the use of mixtures of alcohol and gasoline in motor vehicles. The production of industrial alcohol on a large scale would help materially to increase the supply of motor fuel.

Nearly all the automobiles in Norway and Sweden are operating on alcohol made from waste sulphite liquor from paper pulp mills. Alcohol is also used in automobiles in Spain, where the sale of gasoline for use in passenger automobiles has been prohibited.

Alcohol can be produced at the paper pulp mills in this country at a cost of fifteen to twenty cents a gallon at the present time, and if all the paper mills suitable for the purpose were equipped with the necessary plants they would have a combined capacity of 15,000,000 gallons a year.

Waste from sugar mills and waste vegetable products provide other sources for the production of alcohol. Distilleries and breweries whose business is being curtailed by passage of dry laws in different states and by regulations of the Food Administration against the use of grain for manufacture of intoxicants have the apparatus and skilled labor requisite for the production of industrial alcohol from these wastes. They should welcome an opportunity to continue operation, utilizing such products, automobile men assert.

### Grocery Bag Men to Organize War Service Bureau

A very important meeting of the paper bag manufacturers of the United States will be held on June 13 at the Vanderbilt Hotel in this city.

The meeting will be for the purpose of organizing a War Service Bureau to assist the United States Government in the prosecution of the war. Virtually every paper bag manufacturer in the country will be represented, and those unable to attend will be in touch with the proceedings in order that they may endeavor to place their plants on the best possible war basis.

The bag manufacturers are very much in earnest in their desire to co-operate with William B. Colver and the other authorities at Washington, and one and all will welcome this opportunity to place their services at the disposal of the Government.

They wish the men in charge of affairs at Washington to feel free to come to them for any information they may find necessary in order to place the industry on a proper war footing.

If it appears necessary to curtail production, they would be pleased to act on a suggestion from the Government authorities rather than force them to issue an order stating that they must do thus and so.

In addition, they hope to show the Government the practical value at the present time of the paper grocery bag as a food container and feel that in the organization of a War Service Bureau they will be in a better position to work in harmony with the officials in every way possible.



## NEWS PRINT INVESTIGATION IS CONCLUDED

News Print Manufacturers Fix Limit at 4 to 4½c., While Publishers Intimate They Would Like to See a Price of 2½c. Fixed—Hon. Henry A. Wise, Who Represented the Paper Men, Rehearses the Episode of the Great Northern Paper Company and Mr. Glass, and Says Some Uncomplimentary Things About the Paper Expert of the American Newspaper Publishers' Association.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., June 10, 1918.—Arguments in the long drawn out news print hearings were concluded here on the stroke of twelve on the night of June 5, with Attorney Henry A. Wise still going strong and at his best. The arguments occupied three full days, Monday, Tuesday and Wednesday, the gist of the whole matter being that the manufacturers asked the Federal Trade Commission for 4 or 4½ cents a pound and the publishers asking for a price of 2½ cents.

### Frank P. Glass Issues Statement

At the conclusion of the arguments, Frank P. Glass, president of the American Newspaper Publishers Association, issued the following statement:

"The total consumption of news print paper in this country is about 2,000,000 tons. The difference between the 4 cents and the 2½ cents a pound is \$30 a ton, making an aggregate difference of about \$60,000,000 per year between the price asked for the manufacturers and that asked for the publishers.

"The attorneys for the American Newspaper Publishers' Association expressed their confidence in the disposition and determination of the Commission to reach a fair and reasonable price from the evidence and the arguments submitted."

### T. L. Philips Asks for 4 or 4½c. Price

T. L. Philips, special attorney for the Minnesota & Ontario Power Company and the Fort Francis Pulp & Paper Company, made quite a lengthy argument in behalf of his clients. In taking up what he considered a fair price, either 4 or 4½ cents, Mr. Philips said in part:

"You cannot take this value and value this plant—a fair value today under the testimony in this case, and apply to it the 20 per cent. return which Mr. May, Colonel Montgomery, Mr. Ericson and Mr. Morse all testified was the minimum that ought to be considered in a regulation case, spreading it out over the entire maximum production of this company, based on its full capacity for 300 days in a year, and reach the conclusion from those figures that a fair maximum price—that a fair price will bring it to less than 4 cents. It cannot be made any less than that for the first three months, and they certainly indicate, based on the figures and computations which I have made, and which I believe will be substantiated by any man who will make them on the basis of testimony, to indicate that the maximum price should be fixed nearer 4½ cents than 4 cents a pound." Continuing, Mr. Philips said:

"Now, passing from this, just before I conclude, I want to advert to one class of evidence that was put in here. We sat through a long, hot afternoon a few days ago and listened to a very eminent scientific gentleman lecture at considerable length on the possibility of improvements in technical processes in the manufacture of paper. He said that it was possible for most of the plants, if not all of the manufacturing plants in the United States and Canada to be improved, and thereby they might in course of time reduce their manufacturing expenses. Now, all of that was extremely interesting, but what force has it in a case of this kind? What has Mr. Little and his testimony with regard to possible developments in the industry in the future to do with you or you with it? In the language of a distinguished former president of the United States, 'It is a condition and not a theory which confronts

us.' Now assume that everything that Mr. Little said was true, and that it were possible for these manufacturers to raise the money somewhere today to improve or rebuild their plants, and they were thereby enabled to reduce their manufacturing costs, should this Commission or any other rate regulative body at once step in and take away from them all of the advantage thereby gained?"

Speaking further on the question of price fixing, Mr. Philips said:

"I suggested that price fixing means the continued depression of prices, or the fixing of prices on an average means a depression or restriction of production. Now, if any illustration were necessary, the experience which we have all been through with respect to the production of coal and the Government's experience in connection with the production of copper, seems to be all that is necessary. I do not make the charge that the heatless days of last winter, or that the sole cause of the heatless days last winter were caused from a coal shortage, or the original fixing of the price at too low a point to enable all of the mines to operate, but I do insist and I believe that any fair-minded student of the situation is bound to concede that it was a contributive cause, and that the fixing of the price of coal at the mine, upon an average, which average was so low as not to permit the higher cost mines to operate, and close them up in the first instance, contributed very largely to the shortage of coal."

### Henry E. Davis Opens for Publishers

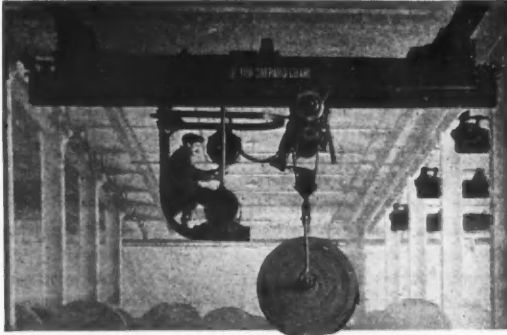
Henry E. Davis, special attorney for the publishers, was the first counsel for the publishers to speak. In opening his argument he again restated the case and how the publishers happened to be in on it. Naturally his explanation differed somewhat from that of Mr. Wise. In part, Mr. Davis said:

"Now, says Mr. Brother Wise, we are here under duress, the duress of this agreement, forgetting what is the fact of this agreement. The entering of this agreement was part of the immunity or the condition of the immunity under which they were permitted to withdraw their plea of not guilty, plead nolo contendere, and take insignificant fines and end the controversy, so that to the extent indicated and no further, our friends on the other side may be justified in saying they are here under duress. They are here in the carrying out of an execution of an instrument, in consideration of which that litigation ended and not otherwise. Now, that being so, the object of this decree is not for a moment to be considered. The object of the decree was and is to preserve and maintain competition in this industry. Its object was to put an end to a combination to prevent competition. Its main object is to further and preserve competition in this industry, and the effect of it also is to say that these parties concerned were otherwise engaged than in aiming to preserve competition."

Mr. Davis, during the course of his argument, tried in every way to break down the case built up last week by Mr. Wise, and already reported in the PAPER TRADE JOURNAL, to the effect that the decisions of the Supreme Court applied to such a case as this one. Mr. Davis also made his own definition of a "public utility." Harping on this subject of public utilities, Mr. Davis said:

(Continued on page 12.)





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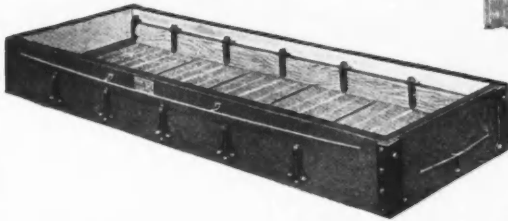
(See Bulletin J.)

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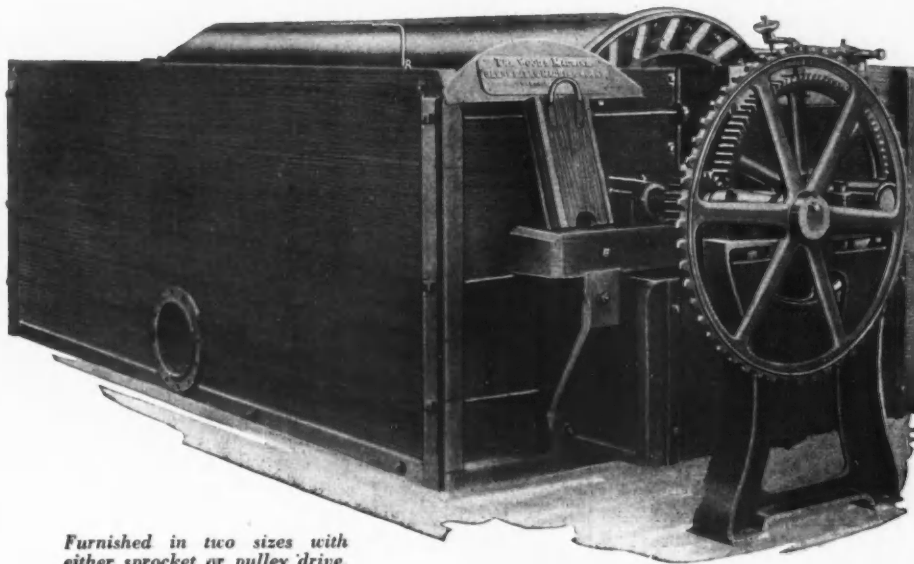
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## NEWS PRINT INVESTIGATION IS CONCLUDED

(Continued from page 10.)

"I submit now that neither the news print nor the newspaper publishing industry can by any right reasoning be said to be a public utility.

"First, I will deal with the news print industry. News print paper stands on absolutely no different footing with reference to a newspaper utility, which is the diffusion of information, than the rolling stock of a railroad stands to the railroad in its entirety as a public utility, and we grant there could be no newspaper printed without paper on which to print it, and it is equally true no news can be printed without compositors to set it up or presses to do the printing, but who would think of a compositor or a printing press as a public utility in the sense under consideration. Each may be granted to be and is an essential of the mechanism from which comes the emanation, public utility, but neither is more than this, any more than a cog in the wheel."

### The Question of Compensation

Taking up the question of compensation asked by counsel for the manufacturers, Mr. Davis said:

"My friends on the other side seemed to regard this as a proceeding constituted for the purpose of preserving to them perpetual prosperity. They have put testimony in here, heaps and heaps of it, all upon the proposition that it is your business to fix a rate that will keep everyone of these manufacturers going prosperously, no matter how it hits the consumers, who, according to their own choice, are put in the position of the public that ought not to be called upon to pay for what it does not get."

Continuing, Mr. Davis said:

"They (the manufacturers) are here because they tried to stifle competition and fix a uniformly high rate to make us all pay, and they are here to meet your judgment in respect of that so as to bring them off that horse. But the very argument that is addressed to you, the very contention that is made to you in respect to fixing this maximum is that you must look to the highest cost mill, and give a figure that will enable it to live in the false lure of a competition below that. It amounts to nothing in the world but fixing a maximum to become a minimum, and yourselves in spirit and in effect to violate the Sherman law, without the unlawfulness of a conspiracy involved." Commissioner Fort, during the course of his argument asked Mr. Davis:

"Does not your argument reduce it to this: That we should fix a price which a reasonable man, conducting his business in a reasonable way, can afford to manufacture the paper for, for a reasonable profit?"

Mr. Davis was followed in his argument by Mr. Gregory, another special attorney for the publishers. In paying a tribute to the way the case has been handled by Mr. Wise, Mr. Gregory said:

"The counsel who opened the case for the manufacturers—and it must not be forgotten that upon this inquiry they bear the burden of proof—of historic name and lineage, in his young manhood has achieved a place of distinction at our great metropolitan bar, and during the trial of this long, complicated and difficult matter, he has conducted it with marked ability, with wonderful command of the facts, and with adequate knowledge of the law."

### Mr. Plante Takes Up Matter of Contracts

On the final day of the arguments, Guthrie B. Plante, who has lead the case for the publishers, and Mr. Wise were the only ones to speak. Their final arguments took the entire time, and, as already mentioned, Mr. Wise did not com-

plete his argument until very nearly midnight of Wednesday.

In opening his argument, Mr. Plante took up the matter of contracts. In part on this question he said:

"We believe that a publisher who pays his money for news print paper should have title to that paper, and that he should be permitted to do with it as he pleases, to use in the publication of his newspapers, to use in the publication of comics, or weekly supplements, or for any other purpose that he sees fit. The contracts which have been in use do not permit that." During the course of his talk on the subject of contracts, Mr. Plante took up each section and found some fault with it section by section, naturally submitting remedies of entire agreeableness to the publishers. In connection with price, Mr. Plante said:

"The next question that I propose to discuss is the matter of price. The contention is made that the price to be paid for news print paper, for the period of the war, should be such as to give to the manufacturers a fair and reasonable return or profit upon their investments. That is upon properties which are employed by them in making the paper. When we come to the question of value, however, of such investments, we have a very serious difference of opinion. As I understand the claim of the manufacturers, it is that this commission should take the present sound value of the properties of all the manufacturers. That is the value determined with reference to the replacement cost new of all of the properties, because the present sound value, as it was given to you, is the replacement cost new 1917-1918, less depreciation."

Speaking of the price fixing arrangement, Mr. Plante said:

"I do not agree with the statement of counsel (Mr. Wise) that this Commission is to do what the manufacturers are entitled to do, or ought to do. I do not agree with that statement at all. I think this price must be fixed in relation to all the facts and circumstances, the war conditions, the circumstances of the combination, prices which have been fixed, terms of contract which have been fixed, and with all those things in mind the proper price and proper form of contract should be fixed."

### Mr. Wise Closes for Manufacturers

Mr. Wise, in closing his argument on Wednesday night, took some "hot shots" at Mr. Glass and Mr. McIntyre. In connection with the Great Northern Paper Company vs. Glass episode he said:

"The Great Northern Paper Company has never been associated with the rest of the industry, and Mr. Glass and Mr. Powers had a row, and if Mr. Glass thinks that he was entirely upright and honorable in that proceeding, I have nothing more to say on the subject. All I have got to say is that if a man writes to me and tells me to help out his dear friend, and then he is getting that paper that I might have given to that dear friend and selling it at a profit, he can call that what he pleases. I have my thoughts on the subject. That is the only complaint there is, and that was on a spread contract. It was not a square deal. It was not an honorable thing that Mr. Glass did. We have never invoked such a thing. Why, that McIntyre sat there and said that men who bought paper last year and had it in their cellars this year were made to pay in addition to last year's price this year's price. It was a lie in the whole cloth. It was a fabrication—it is an utter falsehood and a deliberate lie. I don't hesitate in using that language. There isn't a man in the United States that did such a thing, and when I asked him to bring me the name of the man that did it, he said, 'you shall have it here.' Here we are four months afterwards and have not got it yet.

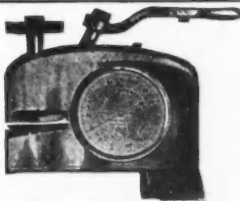
(Continued on page 50.)

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## CANADIAN TECHNICAL SECTION MEETS AT TORONTO

Technical Education Is the Main Theme Discussed at the Summer Meeting—Will Co-operate With the Technical Association of the Paper and Pulp Industry in the Matter of Publishing Text Books to Be Used in Technical Educational Work in the Industry—Meeting Is Well Attended and Is Interesting Throughout—Some of the Papers Read.

[FROM OUR REGULAR CORRESPONDENT.]

TORONTO, Ont., June 8, 1918.—Technical education was the main theme at the summer session of the Technical Section of the Canadian Pulp & Paper Association, held here on Thursday and Friday last. There was a very fair attendance of members from eastern Canada, and the interest was maintained on a high level throughout. Important progress was made in the direction of developing a better system of technical education in Canada, the association having secured the support of various other organizations in the Dominion in its campaign for government action.

During the forenoon of Thursday, June 6, members of the various committees got together and formulated their reports. Those members of the Section who were not members of any of the committees were entertained by the Toronto members of the Canadian Pulp & Paper Association to a tour of the city by sight-seeing motor cars. At 1 p. m. all foregathered at the King Edward Hotel, the convention headquarters, for luncheon. At this function an address was delivered by John L. Love on "How the Industrial Y. M. C. A. can contribute to greater efficiency among the operatives of the pulp and paper industry in Canada." This address was much enjoyed, as it gave useful information on a phase of Y. M. C. A. work not any too well known.

### Visit Large Paper Using Industries

The afternoon of Thursday was devoted to visits to two large industries in which paper in large quantities is consumed. These were the printing department of the T. Eaton Company, Limited, Canada's largest department store and mail order house, and the lithographic plant of Rolph, Stone & Clark, Limited. At the former, the members of the section were received by Mr. Pugsley, the superintendent, and were given a very comprehensive explanation of all the different processes in the printing and bookbinding branches of the business. At the latter, Mr. McKendrick, the superintendent, showed the visitors over the whole plant, the work of the art department coming in for special attention.

Thursday evening was given over to a business session. The various reports which had been drafted in the morning were presented and discussed. The most important report was that of the educational committee, which was read by T. Linsey Crossley, the chairman. This document, which crystallizes the work of the committee to date, read as follows:

### Report of Committee on Education

"Your committee begs to report progress as follows:

"Night Schools.—Three schools are now established, Thorold, Hawkesbury and Espanola, and at Smooth Rock the public school teacher takes the pupils into the mill where officials show the processes. Your committee was able to secure C. L. Mackay, assistant director technical education for Ontario, for the closing exercises of the Hawkesbury School.

"Resolutions re Royal Commission's Report.—This resolution has been laid before the following: Joint Committee of Technical Organizations; Society of Chemical Industry; Canadian Institute of Engineers; Toronto Section, American Institute Electrical Engineers; Canadian Mining Institute; Canadian Textile Institute.

"At the recent Chemists' Convention at Ottawa a resolution was passed signifying willingness to co-operate in this work.

"We are advised unofficially that if the matter is kept to the

fore, it is very likely that the Government will act at the coming session on this, and the following resolution was moved by Mr. Carruthers and seconded by Mr. Costigane:

"Whereas the prosecution of the war in this country has been and is subject to disturbances due to industrial unrest, and

"Whereas after the war a situation of keen competition will make it imperative that a system of intensive technical education be established in order that the Canadian manufacturers may conduct their plants in an efficient and economical manner, and

"Whereas industrial unrest is largely due to the fact that neither part in labor disputes has been fittingly educated for action with a sense of national service,

"Be it resolved that the Government of Canada be urged to take action on the excellent report of the Royal Commission on Industrial Training and Technical Education, appointed by Order-in-Council, June 1, 1910, and further

"Be it resolved that this committee arrange for a joint meeting with representatives of the above organizations' provincial directors of education and others interested in this problem, with a view presenting the matter adequately to the Federal Government.

"Text Books.—Your committee is of the opinion that this is the fundamental need for the educational work in our industry. Correspondence has been entered into with an organization that has the right facilities for the assembling and publication of text books, and in this matter we are keeping in touch with the committee on vocational education of the American Technical Association. It is proposed to appoint small sub-committees on each phase of the industry, who would prepare and revise the subject matter and the whole would be in the hands of a strong editing committee for final revision before publishing. The result we expect to become a standard library of the technology of pulp and paper right up to date and in accordance with American practice. Several well-known authorities have agreed to outline courses in their special lines. Arrangements are being made for a joint meeting with the Vocational Educational Committee of the American Technical Association. As soon as we are in a position to do so a special report will be made on this subject for reference and authority to act jointly with the American Association.

"Mr. Kellogg, representing the Vocational Educational Committee, is with us tonight and will present the views of that committee."

### Other Committee Reports

The committee on testing moisture in pulp presented a short report through its chairman, E. B. Slack, Riordon Pulp & Paper Company, Limited. The report dealt with the various methods that had been tried out and represented an advance in this branch of the industry.

The committee on abstracts and publications reported progress through J. M. Stephenson, editor of the *Canadian Pulp & Paper Magazine*, as did also the committee on statistics, for whom A. L. Dawe, secretary of the Canadian Pulp and Paper Association, spoke. In the absence of the chairman, no report was presented by the committee on machinery.

Following the presentation of the reports, a paper on safety methods was read by A. P. Costigane, secretary and safety engineer of the Ontario Pulp and Paper Safety Association.

(Continued on page 42.)



**WE CAN SHIP  
AT ONCE**

**SWEDISH  
KRAFT PULPS  
FROM DOCK!**

Value of Swedish Kronor during week ending June 11th. Normal rate of exchange: 1 Krono = 28.80 cents.

June 4th—34.30	cents—increased value	27.97%
" 5th—34.30	" "	28.13%
" 6th—34.50	" "	28.73%
" 7th—34.35	" "	28.13%
" 8th—34.35	" "	28.13%
" 10th—34.40	" "	28.36%
" 11th—34.40	" "	28.36%

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

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Michigan Agent—CALE B. FORSYTHE, Kalamazoo

## MR. COLVER WILL NAME SOON PAPER MEN FOR WAR BOARD

Great Interest Is Being Manifested Throughout the Country in Paper Circles as to the New Paper Division of the War Industries Board—Mr. Willson, of the Graham Paper Co.; Dr. E. O. Merchant, and F. E. Clark, Chief of the Paper Laboratory of the Bureau of Standards, Are Among the Names of Men Prominently Mentioned as Likely to Be Appointed to the Board.

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., June 10, 1918.—A definite statement as to who will constitute at least the nucleus of the new paper division of the War Industries Board is expected to be made some time this week by Federal Trade Commissioner Colver, chief of the division.

A number of names were mentioned in the PAPER TRADE JOURNAL a couple of weeks ago, among them that of Mr. Willson, of the Graham Paper Company. Mr. Willson is now in Washington, and while he refuses to make any definite statement, it is understood that he has come to stay a while, and it is assumed that he has accepted the membership offered him in the new work. In addition to this it goes without saying that Dr. E. O. Merchant, also mentioned in these columns as probably being a member of the new division, will also take up the work because of his familiarity with the industry as learned from his work at the Federal Trade Commission. F. C. Clark, chief of the paper laboratory of the Bureau of Standards, will undoubtedly be called upon to help decide technical questions of interest to the industry.

### Where the Paper Division Is to Be Located

The War Industries Board has recently taken over as an annex the whole building formerly occupied by the United States Fuel Administration, and the paper division will be located in that building. Arrangements for this were completed, it is understood, last Saturday.

One of the matters yet to be settled is that of the Congressional Joint Committee on Printing. The chief of the division, Mr. Colver, feels that if the division is to purchase paper for the Government, the Government Printing Office and the Joint Committee on Printing should be represented. Mr. Colver has been unable to set his plan before the Senators and Representatives, members of the committee, and so has written a personal letter to each member setting forth in full his proposed plan insofar as it has been worked out. Some action on this matter will undoubtedly be taken at the next committee meeting.

It is understood that members of the committee feel that the purchasing arrangements at the Government Printing Office are satisfactory, and that matter may prove to be a "thorn in the side" of the new division, as far as purchasing is concerned. The purchasing office of the Government Printing Office has been working smoothly now for years, and of course it would be folly as well as impossible to abolish that office, owing to the fact that all supplies, including paper, are purchased by that office. It would be equally unwise to give the purchasing power for paper to the new division (even if possible), in which case paper would be bought outside of the regular purchasing office of the Printing Office, while everything else would be purchased by it. This would, naturally, lead to endless confusion. It is simply one of those matters that will have to be worked out.

### Great Interest in New Division

Now that the actual hearings and arguments in the news print paper matter have been closed up, it is probable that Commissioner

Colver will give a great deal of attention to the paper division, anyhow until it is well under way. The understanding here seems to be that at first the nucleus of the division will be formed and that other paper men will be added from time to time, but it is known definitely that Commissioner Colver is opposed to a large, unwieldy division. There is the greatest amount of interest being evidenced in paper circles throughout the country in this new division.

### Crane & Co. Get Award for Distinctive Paper

Crane & Co. have again been awarded the contract by the Secretary of the Treasury for furnishing distinctive paper for the fiscal year beginning July 1, 1918. The price has not been made public, but it is understood that it is not much higher than last year and is on a sliding scale.

As is well known it is practically impossible to get all linen cuttings from Europe which was formerly used in the manufacture of this distinctive paper.

It is estimated that the department will use 129,150 sheets or 1,500,000 pounds during the coming year. This estimate is exclusive of the paper used for the Liberty Bonds. No estimate has been made for the amount which is needed for them. No other bid was received for manufacturing this distinctive paper this year by the Treasury Department.

### New Government Printing Office Committee

A committee has been appointed at the Government Printing Office, with the idea of standardizing the paper used by the various government departments in their printing work. Deputy Public Printer Chisholm, is chairman of the committee.

### Interest in Child Labor Law Decision

There has been the greatest amount of interest shown among manufacturers in the decision last week of the United States Supreme Court that the Federal Child Labor Law is unconstitutional. There was a great deal of controversy on this subject and the final court decision stood 5 to 4. In handing down its opinion the court in part said:

"The grant of power to Congress over the subject of interstate commerce was to enable it to regulate such commerce, and not to give it authority to control the states in their exercise of the police power over local trade and manufacture.

"That there should be limitations upon the right to employ children in mines and factories in the interest of their own and the public welfare all will admit. That such employment is generally deemed to require regulation is shown by the fact that the brief of counsel states that every state in the Union has a law upon the subject, limiting the right to thus employ children.

"In interpreting the Constitution it must never be forgotten that the nation is made up of states, to which are intrusted the powers of local government. And to them and to the people the powers not expressly delegated to the national government are reserved.

"The power of the states to regulate their purely internal affairs by such laws as seem wise to the local authorities is inherent and has never been surrendered to the general government."

### Aberdeen Paper Co. in Larger Quarters

ABERDEEN, So. Dak., June 4, 1918.—The Aberdeen Paper Company is moving into larger quarters at the corner of Main street and Railroad avenue. The growing business of the concern has made the removal necessary.

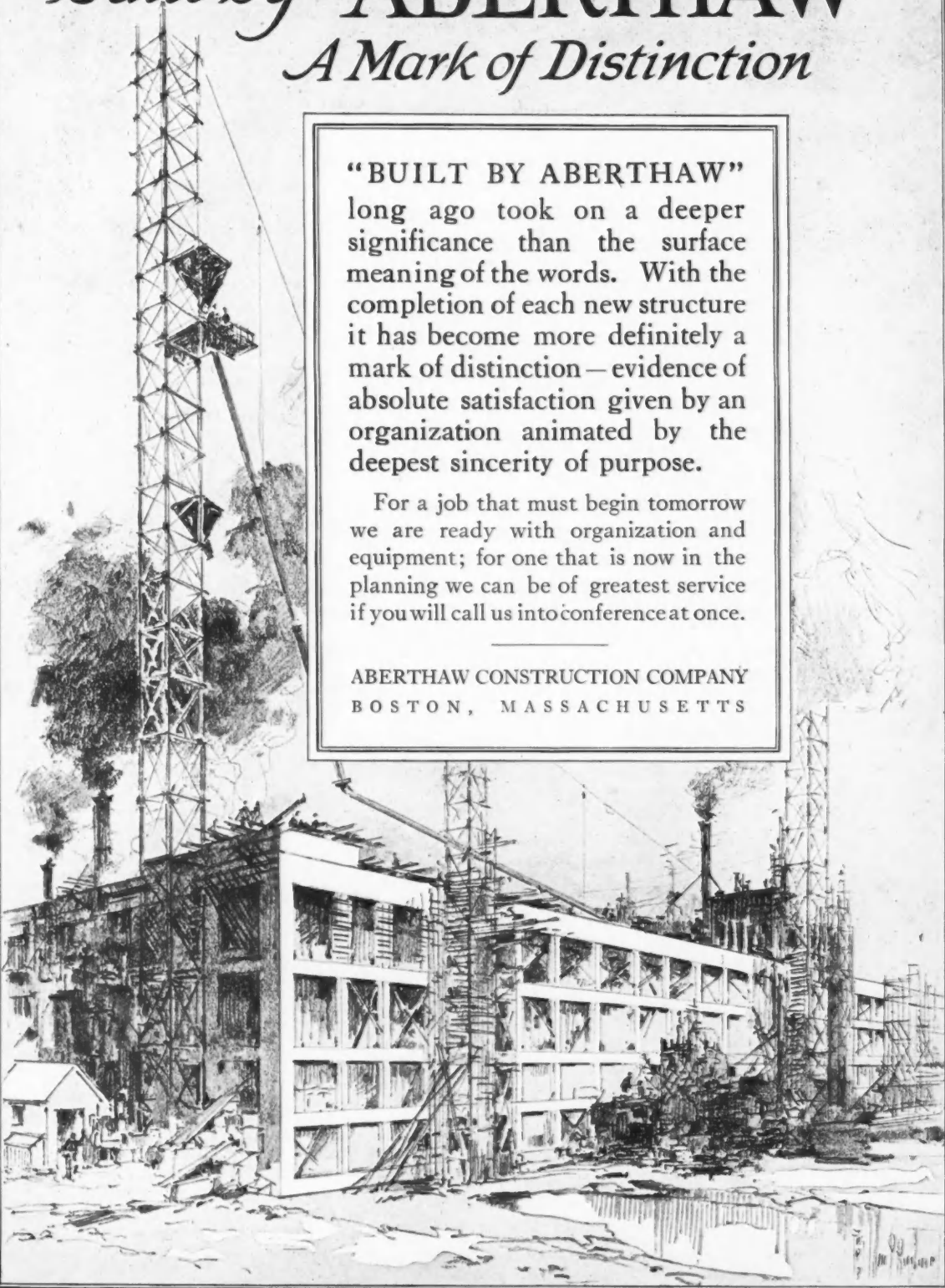
For a long time much space in this building has been used for storage, and now the offices and entire organization will be moved over to Main street building.

*"Built by* **ABERTHAW***"*  
*A Mark of Distinction*

**"BUILT BY ABERTHAW"**  
long ago took on a deeper significance than the surface meaning of the words. With the completion of each new structure it has become more definitely a mark of distinction — evidence of absolute satisfaction given by an organization animated by the deepest sincerity of purpose.

For a job that must begin tomorrow we are ready with organization and equipment; for one that is now in the planning we can be of greatest service if you will call us into conference at once.

ABERTHAW CONSTRUCTION COMPANY  
BOSTON, MASSACHUSETTS





## AMERICAN WRITING PAPER CO. REPORTS BIG ORDERS ON HAND

**Mills of the Big Holyoke Concern Are Practically Choked with Business—Company Is Said to Have on Its Books 90 Per Cent. More Orders Than It Can Take Care of Just Now—Although the Company Recently Made Big Advance on Its High Grade Papers, the Demand for These Grades Continues Very Heavy—Demand for Wage Increase in Holyoke and Vicinity Is Practically Granted.**

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, MASS., June 10, 1918.—The most interesting piece of news the PAPER TRADE JOURNAL'S correspondent has been able to report from this city for many months comes from the head offices of the American Writing Paper Company. The inquiry today as to the volume of business at this large paper-making establishment brought out the statement that the American Writing Paper Company is at this time choked up with orders. Business is about 190 per cent normal. In other words, the company this week carries on its books 90 per cent more orders than it can take care of. This is nothing short of remarkable. After many months when business hardly ever reached a mark above 75 per cent normal, the company now, despite increases in the price of its products, finds that orders are pouring in in an unlimited manner.

Only recently the company made a substantial advance on the prices of its high grade papers, but irrespective of this, the demand for these grades are exceedingly heavy. The continued improvement routs the speculative idea, and officials of the company, who are of course highly encouraged over the tremendous amount of business, state that the demand is a healthy and constant one.

### Wage Increase All But Granted

After a week of conferences between the paper manufacturers of this city, South Hadley Falls, Mittineague, Woronoco and West Springfield and the paper mill employees, it was brought out at a special meeting of the Eagle Lodge of paper makers, held yesterday, that the wage increase demanded is now practically all but granted.

At the meeting it was reported by the Special Wage Committee that the negotiations were progressing satisfactorily, even to as far as having already reached an agreement on the date when the advance shall become operative. The new schedule has not as yet been fully prepared.

The first of the conferences between manufacturers and employees was held at the offices of the American Writing Paper Company last week. Representing the manufacturers were R. Franklin McElwain, vice-president of both the Chemical Paper Manufacturing Company and Crocker-McElwain Company; George A. Galliver, president of the American Writing Paper Company, and Horace A. Moses, president of the Strathmore Paper Company of Mittineague. The committee of employees included representatives of Eagle Lodge of Paper Makers, loftmen, cutter girls, finishers, the magazine and rag room workers.

A definite announcement of the new wages will doubtless be made in the next few days.

### Must Conserve Coal

Holyoke paper manufacturers and all others are expected to conserve coal or face the possibility of having their shipments diverted for use by manufacturers who are at least making an effort to cut down on the amount of coal they have used in the past. This was the text of the message delivered at a special meeting of representative manufacturers held at the Hotel Nonotuck today.

The meeting was urged by the Holyoke Fuel Board, and it was

pointed out that the coming winter may find every manufacturing plant in Holyoke subject to the possibility of being closed down because of the coal shortage. Even plants on the preferred list, a condition that the American Writing Paper Company now seeks, are not sure of being supplied. Manufacturers were urged to practice rigid economy so that none need to be closed down.

Martin L. Cramer, general purchasing agent for the American Writing Paper Company and member of the Holyoke Fuel Board, gave an interesting talk on his experience of getting coal to Holyoke for his mills. He related an incident showing the uncertainty about coal shipments. He told those present that he had at one time secured several hundred tons of coal and that they were confiscated at the scales in Cumberland. He then arranged to have several hundred shipped via Reading and thence to New Haven. The coal got through to New Haven, and he was congratulating himself when he received notification that the administrator of the State of Connecticut had confiscated the coal for a Connecticut plant.

### Notes of the Trade

The strikes of the employees at Whiting & Cook, Inc., stationers, and the dandy roll makers at the Buchanan & Bolt Wire Company have been settled. Satisfactory adjustment of these strikes were made last week and workers at both plants have resumed their posts. The strike at the Buchanan & Bolt Wire Company started following the refusal of the officials to grant the workers' demand for a minimum wage of \$25 per week. The employees of Whiting & Cook, Inc., struck for a 15 per cent increase in wages.

A wedding of interest to the local paper trade took place today when Miss Frances Reddington Wilcox, of Waltham, Mass., was united in marriage to John J. Dooley, of this city. Mr. Dooley is assistant traffic manager of the American Writing Paper Company and is well known in this city.

The Century Club, composed of advertising men of New England and New York, held its annual outing and golf tournament at the Mt. Tom Golf Club here last week (Thursday). The affair is always of more or less interest to the local paper industry, as several prominent paper manufacturers and paper mill men are connected with the organization. J. Lewis Wyckoff, president of White & Wyckoff Manufacturing Company, and Daniel E. Paris were among those who took part.

### Auer & Twitchell Expand

PHILADELPHIA, June 10, 1918.—Auer & Twitchell, whose headquarters are at Chestnut and Ninth streets, have taken over the Philadelphia Wax Paper Company, Swarthmore, Pa. W. A. O. Weber is operating this mill with the assistance of E. F. Randolph. The mill is making lightweight manifold papers which will be known on the market as Swarthmore manifold, both bleached and unbleached. The mill can make paper in weights as light as 17 x 22 — 5.

The sample runs that have been made and also the sample orders have turned out excellently, and the concern is more than pleased with the production that this mill can make in this particular line. Samples from the productions of this mill will be submitted to anyone interested.

Auer & Twitchell have also just purchased a factory at Beverly, N. J., with a floor space of 25,000 square feet without a post. The dimensions of the factory are 60 x 300 with four 15 x 60 in addition to the office. The factory is situated on the Pennsylvania Railroad, with a siding which will accommodate about eight cars. The equipment consists of a 60-h.p. engine with a 60-h.p. dynamo. The plant is heated by the exhaust steam from the engine and has its own water supply pumped to its tank by artesian pumps.

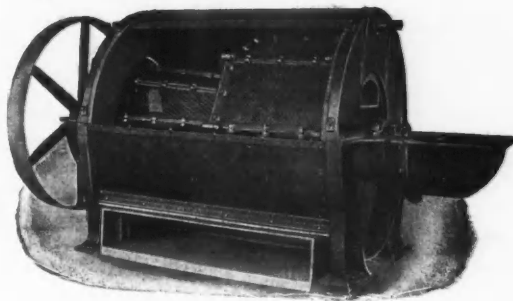
Auer & Twitchell plan to move the Consolidated Paper Tube Company into these new quarters and also to utilize the plant for making a number of their own paper specialties.



# "IMPROVED" KNOTTER

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

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



Knotter Design No. 2

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

WE ASK A THOROUGH INVESTIGATION

## IMPROVED PAPER MACHINERY CO.

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# A Permanent Tower



Nebraska Blaugas Co.  
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Permanency—that's the keynote of the Caldwell Structural Tower. The same latticed steel construction used in sky-scrapers and bridges, where permanency is one of the first considerations, is used in the Caldwell Structural.

The Caldwell Structural Tower was designed by engineers and is constructed according to engineering principles. It's the tower for those who realize the *economy* of a permanent investment.

Put your tower needs up to the men who *know by experience*. At it thirty years.

Send for Catalogue

W. E. CALDWELL CO., Inc.  
2046 Brook Street, LOUISVILLE, KY.

*Caldwell*  
TANKS  
AND  
TOWERS

## BIDS AND SPECIFICATIONS FOR GOVERNMENT PAPER

**Purchasing Officer of the Government Printing Office, Last Week, Opened Numerous Bids for Paper to Be Used By the Department Throughout the Year—Bids Will Be Opened Soon By the Purchasing Officer of the Government Printing Office for Various Other Lots of Paper—Purchasing Officer of the Panama Canal Opens Bids—Bids and Awards By Other Departments.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., June 10, 1918.—The following paper bids were opened last week at the Government Printing Office:

46,000 pounds (4,000 reams) of green and yellow No. 8 writing paper; Import Paper Company, at \$2.38 and \$1.47 per ream; Henry Lindemeyer & Sons, at \$3.30 and \$2.10; Maurice O'Meara Company, at \$2.84; R. P. Andrews Paper Company, at \$2.73 and \$1.74; and Mathers-Lamm Paper Company, at \$2.73 and \$1.75 also at \$2.52 and \$1.58.

100,000 pounds (5,000 reams) of No. 11, 21 x 32" white glazed bond paper; R. P. Andrews Paper Company, at \$3.38 per ream; Domestic Mills Paper Company, at \$2.37; Import Paper Company, at \$2.50; and Mathers-Lamm Paper Company, at \$2.73 and \$2.60.

134,000 pounds (1,000 reams) of 38 x 48—134, double-coated glazed book paper; Franklin Coated Paper Company, at (a) \$.0925 per pound (b) at \$.0875; Kalamazoo Paper Company, at \$.0975; King Paper Company, at \$.0875; Champion Coated Paper Company, at \$.09; and Merrimac Paper Company, at (a) \$.10 (b) at \$.0975.

56,900 pounds (800 reams) of 30 x 42—68, and 32 x 48—73, white S. & S. C. printing paper; Whitaker Paper Company, at \$.0775 per pound and \$.081; Michigan Paper Company, at \$.07745 and \$.07895; Miami Paper Company, at \$.0806 and \$.0821; Dill & Collins Company, at \$.0875.

1,000 pounds (100 reams) of 17 x 22—10, white French folio paper; Maurice O'Meara Company, at \$.153 per pound; R. P. Andrews Paper Company, at \$.185; George W. Millar & Co., at (a) \$.105 (b) at \$.125 (c) at \$.145; Mathers-Lamm Paper Company, at (a) \$.125 (b) at \$.145; and Michigan Paper Company, at \$.09245.

10,000 sheets of 19½ x 13" brown paperoid; R. P. Andrews Paper Company, at \$28.90 per 1,000; Mathers-Lamm Paper Company, at \$22 per pound; George W. Millar & Co., at \$.15; Maurice O'Meara Company, at \$13.50; and Dobler & Mudge, at \$12.75.

54,000 pounds (650 reams) of various sizes kraft wrapping paper; Maurice O'Meara Company, at \$.07875 per pound; Old Dominion Paper Company, at \$.0998; Republic Bag & Paper Company, at \$.0808; D. S. Walton & Co., at \$.0814; Mathers-Lamm Paper Company, at \$.085; Dobler & Mudge, at \$.11; Hartje Paper Company, at \$.0875; Whitaker Paper Company, at \$.078; and Carter, Rice & Co., at \$.105.

156,100 pounds of blue, gray, melon, pink, Quaker drab, and yellow bristol board; Whitaker Paper Company, at \$.0604 and \$.0579; Mathers-Lamm Paper Company, at \$.0525; Maurice O'Meara Company, at \$.0575 and \$.055; Carter, Rice & Co., at \$.0595 and \$.0575; Champion Coated Paper Company, at \$.09 and \$.0825; Republic Bag & Paper Company, at \$.0734 and \$.067 and \$.0784; George W. Wheelwright Paper Company, at \$.1025 and \$.1125; and Domestic Mills Paper Company, at \$.0825 and \$.075.

74,700 pounds (1,070 reams) of various sizes of white, blue and green commercial ledger paper; Paper House of New

York, at \$.1825 and \$.1925; Carew Manufacturing Company, at \$.2030 and \$.245; Maurice O'Meara Company, at \$.16 and \$.17; American Writing Paper Company, at \$.30; R. P. Andrews Paper Company, at \$.209 and \$.22; Whitaker Paper Company, at \$.20 and \$.21; Dobler & Mudge, at \$.205 and \$.215; and George W. Millar & Co., at \$.21.

293,600 pounds (4,050 reams) of 41 x 52—112, and 32 x 42—72; Kalamazoo Paper Company, at \$.066 per pound; Whitaker Paper Company, at \$.0734; Dill & Collins Co., at \$.079; and Miami Paper Company, at \$.0783.

53,000 pounds (2,500 reams) of white and blue glazed bond paper; Maurice O'Meara at \$.2925; and Whiting-Patterson Company, at \$.295 and \$.2952.

3,050 pounds (100 reams) of 17 x 28, No. 24, green glazed bond paper; Maurice O'Meara Company, at \$.299; R. P. Andrews Paper Company, at \$.27; Whiting-Patterson Company, at \$.29; and Old Dominion Paper Company, at \$.3198.

433,750 pounds (16,250 reams) of 21 x 32—No. 9; 17 x 28—No. 20 and 21 x 32—No. 20 white glazed bond paper; Henry Lindemeyer & Sons, at \$.13625; Miami Paper Company, at \$.11; Maurice O'Meara Company, at \$.119; Mathers-Lamm Paper Company, at \$.104 and \$.121; American Writing Paper Company, at \$.125; Domestic Mills Paper Company, at \$.12 and \$.1125; R. P. Andrews Paper Company, at \$.1725 and \$.1265; Megargee-Hare Paper Company, at \$.1225 and \$.1135; and Import Paper Company, at \$.1375.

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

1,250 pounds (50 reams) of 24 x 38—25, blue news print paper; Dobler & Mudge, at \$.08¼ per pound; George W. Millar & Co., at \$.07½; Mathers-Lamm Paper Company, at \$.07½; and Republic Bag & Paper Company, at \$.0757.

2,500 pounds (50 reams) of 19 x 24—50, white stereotype molding paper; Republic Bag & Paper Company, at \$.1365; Mathers-Lamm Paper Company, at \$.11½; R. P. Andrews Paper Company, at \$.11½; Dobler & Mudge, at \$.11½; Whitaker Paper Company, at \$.1099; and Maurice O'Meara Company, at (a) \$.12, (b) at \$.12½.

14,000 pounds (70 reams) of 22½ x 28½—200, buff, lemon and red cardboard. Prices in order of colors stated. Thomas Barrett & Sons, at \$30.25 per 1,000 sheets for all colors; B. F. Bond Paper Company, at \$33, \$33 and \$39.50; Carter, Rice & Co., at \$34, \$37.50 and \$28; Republic Bag & Paper Company, at \$38.53, \$42.23 and \$31.63; R. P. Andrews Paper Company, at \$29, \$29 and \$35.50; Maurice O'Meara Company, at \$29 for all colors; Champion Coated Paper Company, at \$33, \$33 and \$39; Megargee-Hare Paper Company (on buff only), (a) \$27.50, (b) at \$35.50; Holyoke Card & Paper Company, \$30.50, \$30.50 and \$37; Old Dominion Paper Company, at \$148 per pound; Mathers-Lamm Paper Company, buff (a), at \$33, (b) at \$33.60; lemon same price; red (a), \$37.15, (b) at \$38.85.

### Bids to Be Opened By Government Printing Office

Bids are to be opened at the Government Printing Office on June 17, for 380,000 pounds (10,000 reams) of No. 1, 24 x 38—38, white M. F. printing paper.

### Awards by Government Printing Office

The following awards have been announced at the Printing Office:

45,000 pounds of white M. F. printing paper in 9½-inch rolls will be furnished by the Champion Coated Paper Company, at \$.0755; and 1,000,000 pounds of the same in 48-inch rolls will be furnished by the Bryant Paper Company, at \$.07½ on 35-pound paper. Bids for these items were opened on May 17.

80,000 pounds of pink bristol board in 20¼-inch rolls, basis of 22½ x 28½—100, will be furnished by Carter, Rice & Co., at \$.058;

(Continued on page 52.)

## Of Interest to Paper Mills

We have just added ten highly trained salesmen to  
specialize in

# Book Papers

Arrangements are now being made to add another large warehouse to accommodate our stock of Book, Bond, Ledger, Writing, Super and Coated Papers.

We are now acting as Export Agents for many high grade lines of Book Papers and are open to take up United States representation for such lines.

Our highly efficient sales staff, and effective advertising campaign—in short our complete organization and resources—are at your disposal.

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O'Meara Distribution Covers the Globe

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**Maurice O'Meara Company**  
448-450 Pearl Street  
NEW YORK

## PAPER AND PULP BUSINESS UNUSUALLY GOOD IN CANADA

**Increasing Costs, However, and the Unsettled Condition Produced by the Fixing of News Print Prices Is Having a Disturbing Effect—Costs Are Mounting in All Directions—Publishers Are Not Showing as Much Animosity Toward a Raise in Price of Paper as Formerly, as They Appear to Appreciate That an Advance Is Inevitable—Record Shipment of Pulp From Murray Bay.**

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, QUE., June 10, 1918.—Business in all lines of the pulp and paper industry continues to be remarkably good, but the increasing costs, combined with the unsettled state of affairs over the fixing of news print prices, are having a disturbing effect. The costs are mounting in all directions. Rough labor in the lumber camps now costs as much as skilled artisans did a short while ago; higher wages are demanded in all departments of the mills; the 25 per cent increase in freight rates granted in the United States is affecting the cost of fuel and supplies, and will undoubtedly be followed by another sharp increase in railroad rates in Canada. Under the circumstances, it is not surprising to find a general tendency to advancing prices in all classes of pulp and paper manufacture, and unless there is a corresponding advance in news print prices, considerable hardship will be inflicted on the trade. A number of the papers here are quoting the figures laid before the Federal Trade Commission showing that the average cost of production in regard to news print was \$51.45 for the first three months of 1918, as compared with an average of \$44.26 for 1917. Some of the financial editors point out that with such costs the interim price of \$57 per ton here cannot be expected to be maintained. The papers generally are not showing such bitterness toward a raise in prices, as signs seem to indicate that they recognize an increase is inevitable. On the other hand, the manufacturers are claiming that the price fixed in Canada should be the same as the price fixed in the United States.

### Building New Sulphite Mill

The Riordon interests are evidently determined to get their proposed big new sulphite mill into operation at the earliest possible date. It is announced that the George A. Fuller Construction Company, of Montreal, has been awarded the contract for building the mill of the subsidiary organization, the Kipawa Fibre Company, at Temiskaming, Que., and preliminary work has already started.

### Ticonderoga Pays Riordon Co.

It is reported in the papers here that the Riordon Company will shortly benefit by the declaration of a cash bonus running from 20 to 25 per cent from the Ticonderoga Pulp & Paper Company, a subsidiary organization, which means that the Riordon Company will receive an amount in the vicinity of \$100,000, or equal to over a fifth of the disbursement of 10 per cent on Riordon's common stock. In 1917 the Ticonderoga Company declared two dividends of 10 per cent each. Earnings of the Ticonderoga Pulp & Paper Company for the year ending 1917 were equal to 150 per cent on its common stock of \$368,000, and at the present rate of business the earnings for the year 1918 will equal, if not exceed, last year's record.

### Price Bros. Make Progress

The steady and substantial progress made by Price Bros. & Company, Ltd., since 1913, has placed the shareholders of the company in a very fortunate position, and considerable satisfaction is now being expressed at the fact that the directors have placed the

common stock on an 8 per cent per annum basis, compared with the former payment of 6 per cent per year and a 2 per cent bonus. The company's dividend record only dates back to 1916, when one payment of 1½ per cent was made. That the company is well able to pay this increased dividend is shown by the earnings for the year ending February, 1918, which amounted to \$1,374,872, equal to 14.2 per cent on the \$5,000,000 capital stock. This result was obtained after very generous allowances for various purposes, as well as an allowance of \$216,353 to cover a fire loss in the company's timber limits.

### Record Shipment of Pulpwood

D. H. Pennington, lumber merchant and a member of the Quebec Harbor Commission, has just returned from Port au Saumon, near Murray Bay, where he went to witness the result of a drive of 22,000 logs down the Saumon River. He expressed himself pleased at the success of the drive. He also remarked that he had already loaded twelve lake steel barges with pulpwood destined for the United States. These barges carry from 1,000 to 1,200 tons of pulpwood, which makes over 12,000 tons of pulpwood loaded and shipped by Mr. Pennington's interests since the opening of navigation. He states that this is a record shipment of pulpwood.

### To Gas Forest Fires

J. B. Harkin, Dominion Parks Commissioner, has made a novel suggestion for dealing with forest fires. Speaking to the members of the Quebec Forest Protective Association in Montreal, he said: "I may be a visionary, but I think it is possible to manufacture a gas that could smother a forest fire. I have visions of aeroplanes dropping bombs on forest fires in the not far distant future."

### Log Drives Good in New Brunswick

New Brunswick does not appear to be suffering from low water as parts of Quebec and Ontario are doing. The latest reports state that the log driving conditions are good, and that the drives are coming along satisfactorily.

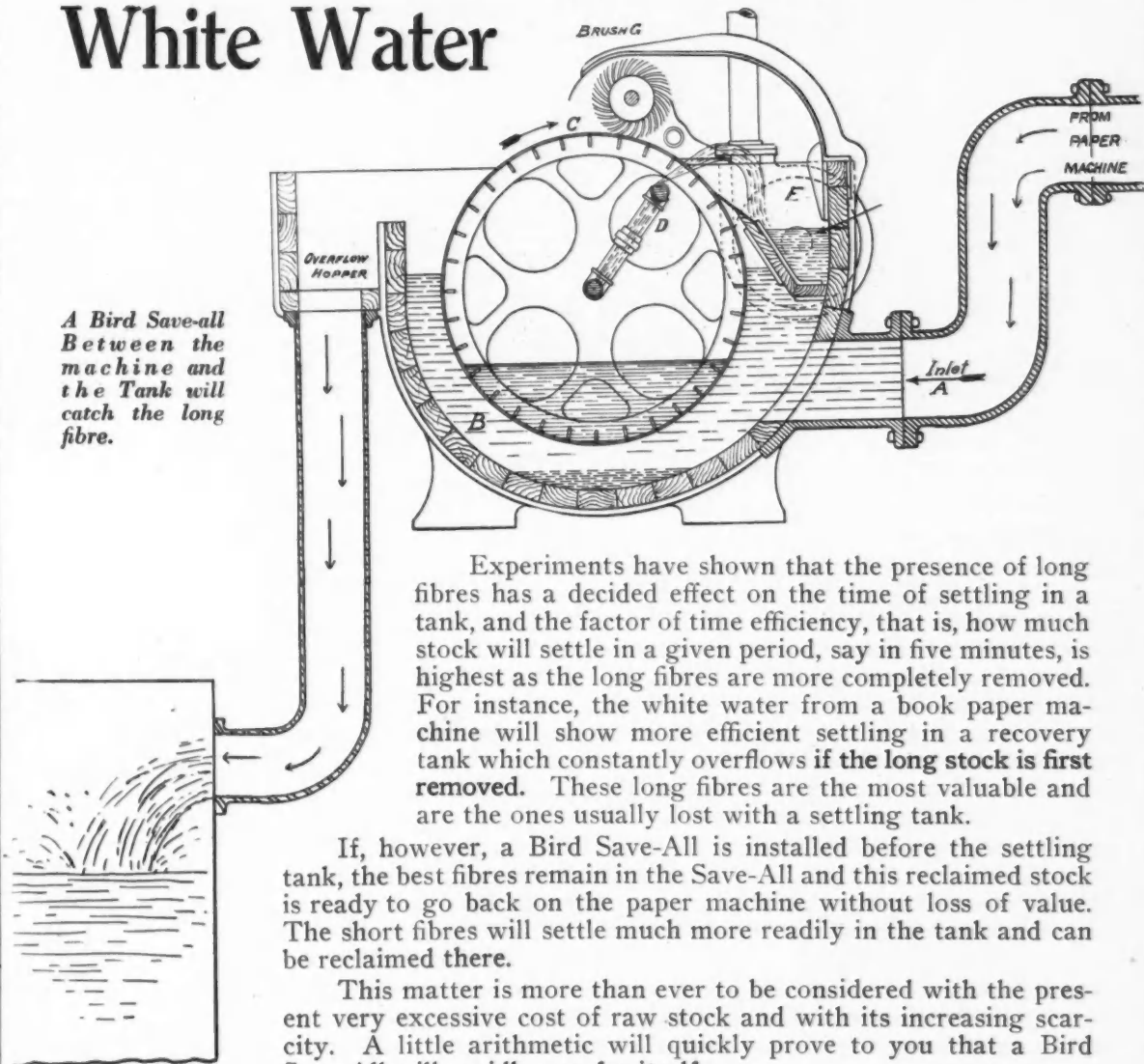
### Paper Box Makers' Convention

The third annual convention of the Canadian Paper Box Makers' Association opened in Montreal today, and will be continued tomorrow. There is a large attendance and the convention looks like the most successful yet. Satisfactory reports on the progress of the association were presented at the opening session, and a number of papers on trade topics were read, including one on "Efficiency," by D. H. McDermid, of the Somerville Box Company, London, and another on "Benefits of Association," by C. N. Moisan, Standard Paper Box Company, Montreal. In the afternoon, W. P. Bennet, of the Rudd Paper Box Company, Toronto, spoke on "Making the Factory Attractive," and tomorrow C. T. Reid, of Charles Reid & Company, Hamilton, spoke on "The New Competition in the Paper Box Business"; A. B. Meredith, of Toronto, on "New Lines for the Paper Box Manufacturer"; J. W. Brown, of the D. F. Brown Paper Box & Paper Company, St. John, N. B., on "The Paper Box Business in the Maritime Provinces." It will be seen that a highly interesting and useful program has been arranged. The election of officers will take place at the closing session. Those retiring are: President Art. Harries, Canada Paper Box Company, Montreal; Vice-president W. P. Bennett, Rudd Paper Box Company, Toronto; Secretary-Treasurer, S. J. Frame, Toronto; Advisory Committee, D. H. McDermid, Somerville Paper Box Company, London; C. T. Reid, Charles Reid & Co., Hamilton, and E. Newell, Dominion Envelope & Carton Company, Toronto.

Lockwood's Directory of the Paper, Stationery and allied trades will prove of invaluable assistance to every buyer and seller of paper.



# Filtering Long Fibers from White Water



*A Bird Save-all Between the machine and the Tank will catch the long fibre.*

Experiments have shown that the presence of long fibres has a decided effect on the time of settling in a tank, and the factor of time efficiency, that is, how much stock will settle in a given period, say in five minutes, is highest as the long fibres are more completely removed. For instance, the white water from a book paper machine will show more efficient settling in a recovery tank which constantly overflows if the long stock is first removed. These long fibres are the most valuable and are the ones usually lost with a settling tank.

If, however, a Bird Save-All is installed before the settling tank, the best fibres remain in the Save-All and this reclaimed stock is ready to go back on the paper machine without loss of value. The short fibres will settle much more readily in the tank and can be reclaimed there.

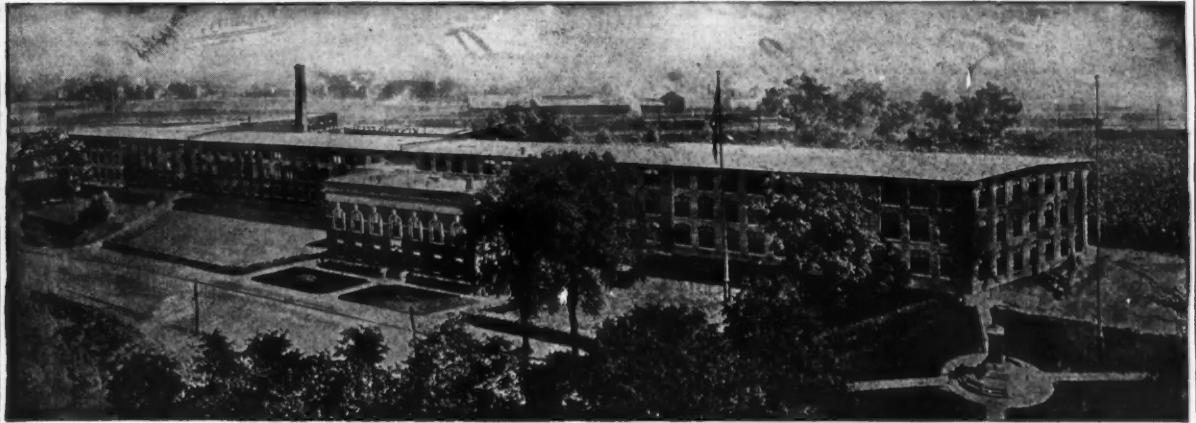
This matter is more than ever to be considered with the present very excessive cost of raw stock and with its increasing scarcity. A little arithmetic will quickly prove to you that a Bird Save-All will rapidly pay for itself.

As a secondary advantage, it should be noted that the installation of a Save-All is the first step in purifying waste water to prevent pollution of a river. Complete information on the Bird Save-All is contained in our new catalog No. 2 A published recently. Your copy will be sent on request.

**BIRD MACHINE COMPANY : East Walpole, Mass.**

General Sales Representative, T. H. Savery, Jr.  
1630 Republic Building, Chicago, Illinois

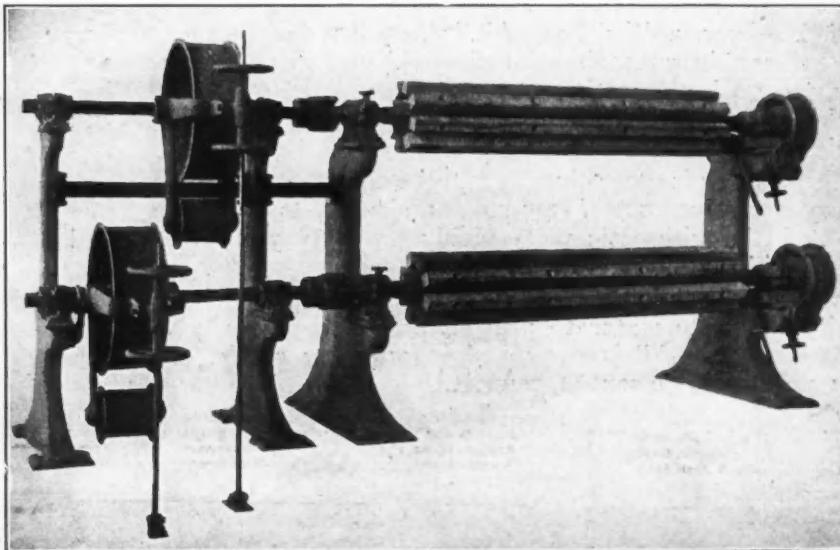
## F. C. HUYCK & SONS ALBANY, N. Y.



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



**THE BLACK-CLAWSON CO.** HAMILTON OHIO, U. S. A.  
**Builders of Paper and Pulp Mill Machinery**



### Sheet and Roll Pasting Machines

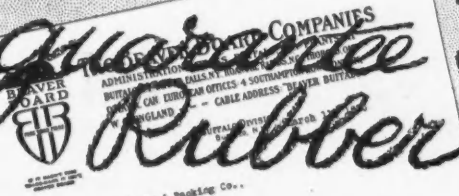
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contains real information.  
Write for it.

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QUALITY  
AND  
QUANTITY**

our high speed Straight  
Fourdrinier, Harper  
Fourdrinier and Cylin-  
der Machines are un-  
surpassed.

# Two Reasons why we guarantee "Test Special" Rubber Belting



New York Belting & Packing Co.,  
 91 Chambers Street,  
 New York, N. Y.

Gentlemen:-

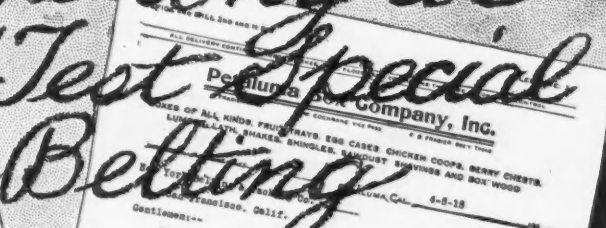
We have your recent letter asking our opinion of the "Test Special" friction surface rubber belting, which you have furnished us.

We are glad to tell you that this belting has proven very satisfactory and we consider that we are getting very efficient results by its use. As you know, we used the "Test Special" to belt up our new board mill at Thorold, Ontario, in the Fall of 1914, and we have not operated at full capacity from the start and we have not been required to make any changes in this belting. The fact that we had very good success with smaller lots of your belting prior to our belting the Thorold mill led us to believe that we would receive equal satisfaction with your product at Thorold. We are pleased to tell you that our anticipations in this direction have been fully realized.

We have been agreeably surprised by the fact that we have had no such trouble as is usually caused by the stretching of belting on new equipment. All the belts are in first class condition and from their present appearance are good for a long term of service.

We are glad to recommend "Test Special" belting to anyone who wants efficient "best service".

Yours very truly,  
 THE RUBBER BOARD,  
*Johnnie*  
 Purchasing Manager.



Petroleum Belting Co., Inc.  
 420 First Avenue  
 San Francisco, Calif. 4-8-18

Gentlemen:-

Your last shipment of "Test Special" belting came duly to hand. Please accept our thanks for promptness in filling this order.

We are now using this brand of belting on a good part of our plant and have found it so satisfactory that we are replacing all worn out belts with "Test Special". We have placed this belt on high speed machines and in places where severe strains and overload are carried and our experience is that it carries the loads and lasts longer than the best grades of leather or Balata belting.

We find that it is not affected by heat or moisture, will not tear out at the lacing and will last for six months on a run that wears out the best grade of leather belt in three months. We do not hesitate to recommend "Test Special" belting for use for any purpose for which a belt is used.

Very truly yours,  
 Petroleum Belting Co.,  
 Per J. L. Dwyer

## Have You a Belting Problem?



**NEW YORK BELTING & PACKING COMPANY**

NEW YORK, N. Y. .... 91-93 Chambers Street  
 CHICAGO, ILL. .... 124-126 West Lake Street  
 ST. LOUIS, MO. .... 218-220 Chestnut Street  
 PHILADELPHIA, PA. .... 821-823 Arch Street

SAN FRANCISCO, CAL. .... 519 Mission Street  
 BOSTON, MASS. .... 65 Pearl Street  
 PITTSBURGH, PA. .... 420 First Avenue  
 SPOKANE, WASH. .... 157 So. Monroe Street



## BIG STRAW SUPPLY ASSURED BY CROP IN THE MIDDLE WEST

**Ohio's Wheat Report Is Probably the Most Satisfactory That Has Been Issued in a Decade and the Same Holds True for the Adjoining States Where Manufacturers of Straw Board Are Accustomed to Obtain Their Supplies of Straw—Col. Talbott Escorts Senatorial Committee Who Visit Dayton to Inspect Airplane Plant and Flying Fields—F. B. Zartman of Franklin Board & Paper Co. Married.**

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, O., June 10, 1918.—Ohio's wheat crop report probably is the most satisfactory that has been issued for a decade and would seem to point to an exceedingly large straw supply. The same conditions hold true in the adjoining states of Indiana, Kentucky and Michigan where most of the straw is obtained by manufacturers of straw paper and straw board.

Mill men express satisfaction with the outlook and are counting upon an unusually large yield. In this state, it is the consensus of opinion that Providence is answering the U-boat campaign by promising a large wheat crop, the second largest in the nation's history.

The State Agricultural Department announces that the crop report for June 1, which was made public June 7, is the most promising ever issued in Ohio. The wheat prospects for the winter crop are 108 per cent; spring wheat 92 per cent; oats 106 per cent; rye 114 and winter and spring barley 97 and 109 per cent, respectively. There is no telling what kind of straw will be used in the manufacture of paper in the future, hence the condition of all is given above for what the information may be worth.

The warm weather and ample rain have conduced to the splendid condition of wheat and the only barrier will be the depredations of the wire worm. The weather last fall and winter was believed to be most unfavorable to the growth of wheat. March proved to be as balmy as spring and the month of April was quite cool.

### Reappointed Director of Conservancy Board

Gordon S. Rentschler, Hamilton manufacturer, has been reappointed a director of the Miami Conservancy Board for a period of five years. Mr. Rentschler has devoted much of his time during the past several years in boosting the flood protection project and has made an enviable record, along with Col. Edward A. Deeds of this city, and Henry Allen of Troy. Only those in close touch with the \$25,000,000 improvement can realize the enormity of the task. In some sections the Conservancy Board has been vigorously opposed and it was necessary to fight every step of the legal procedure in establishing the Miami Conservancy District, and after establishing it, in beginning operations. Legal barriers were placed in the way constantly and in a majority of instances, were carried to the highest courts of the state. The paper contingent especially appreciates the efforts of the Miami Conservancy District, and in the re-appointment of Mr. Rentschler, the Miami Valley business interests may feel safe and secure.

Colonel Deeds spent considerable time the past week in going over the flood plans and visiting the various reservoir sites. The work is proceeding satisfactorily and it is expected that within a year, a reasonable amount of protection will be afforded though it will require several years to complete the project. Both men and materials are scarce but the Directors were fortunate in obtaining sufficient machinery to begin operations, and up to this time it has been lucky in securing the right kind of labor, both expert and common. Dormitories,

bunk houses, mess halls and recreation huts have been erected at the different sites.

### Col. Talbott Escorts Senatorial Committee

Col. H. E. Talbott, vice president of the Mead Pulp & Paper Company and who was at one time the guiding spirit behind the Sault Ste. Marie pulp industry, escorted the Senatorial Investigating committee about the city and to the Dayton-Wright airplane plant, in which he is largely interested, the latter part of last week. The senators also were taken to Wilbur Wright field, McCook field and the Moraine City testing grounds where they witnessed flights. Senators New, Reed, Frelinghuysen, Hoke Smith and Thomas expressed their satisfaction with the progress made at the local plant, declaring the output is exceeding expectations under the circumstances and that it will be but a question of a short time until a sufficient supply of machines will be available to meet war conditions abroad. The local company is under contract to furnish almost a thousand flyers by mid-summer and the record probably will be achieved.

### Zartman-Mowrer Nuptials

Fred B. Zartman, secretary and treasurer of the Franklin Board & Paper Company, Franklin, Ohio, was wedded to Miss Mary Mowrer, daughter of Mr. and Mrs. Isaac N. Mowrer, of Xenia, Ohio, at the bride's home at 4 o'clock on June 6, in the presence of a large number of friends and relatives. Rev. Asa James Kestle, pastor of the First Methodist church of Xenia officiated at the ceremony. An altar of green with a single bunch of white carnations formed an appropriate setting for the marriage in the commodious Mowrer home. Sprays of green vines were entwined about the newel posts at the base of the winding stairway, down which the bride came, with little Jane Hamilton, daughter of Mr. and Mrs. Charles Hamilton, as her only attendant.

### Dayton Paper Men Return from Chicago

A number of Dayton paper men—salesmen, dealers and agents—have returned from Chicago where they attended the meeting of the Middle States Wrapping Paper Association. Among the number were Fred W. Lotz, of the Lotz Paper Company; A. C. Meisner, of the Meisner Paper Company; H. L. Huber, of the Dayton Paper Novelty Company; Paul L. Lewis, of the Cincinnati Cordage and Paper Company's Dayton branch, and Albert T. Nesbitt, manager of the Dayton branch of the same concern. This section was fairly well represented, Cincinnati having sent several tradesmen. The feature most enjoyed was the fact that no set program was arranged, all of the wrapping paper men having followed the style of the Quakers, who get up and talk only when the spirit moves them. However, according to reports brought from the meeting and the attendant banquet festivities, silence was conspicuous by its absence.

### General Trade Notes

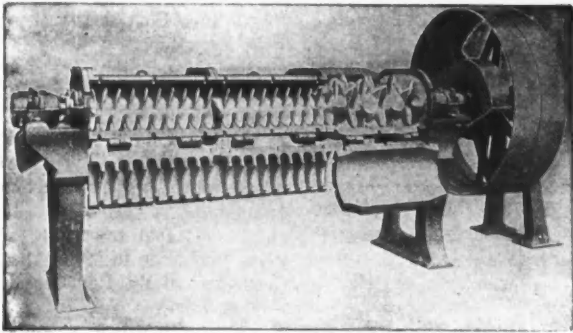
According to information received in local trade circles from Cincinnati, the Seinsheimer Paper Company, of that city, is preparing for general enlargement. The capital of the company has just been increased from \$50,000 to \$175,000 which will give ample capital for trade extension.

The Federation of Women's clubs of Hamilton has entered a written protest against the erection of cottages by the Champion Coated Paper Company, north of the mills for the use of some of their employees. The communication was sent to City Council, but members of this body said they could take no action in the matter and advised the Federation to lodge protest with other authorities, if it considered the construction of the houses as detrimental to the interests of the locality. Hamilton is suffering from lack of housing facilities, like Dayton, and the plans adopted by the company are supposed to be of an emergency nature.



# Voith's Wurster Kneader

ORIGINATED IN GERMANY  
 MADE IN THE UNITED STATES. SOLD ALL OVER THE WORLD.



Used for working up "broke" or waste paper and to re-pulp dry or frozen pulp, preparatory for going into beater.

**EASILY CLEANED**

Materials are discharged free and clean, all foreign substances being held in machine.

All moving parts made of cast steel and easily exchangeable, leaving materials clean and free.

**SAVES TRANSPORTING**

of "broke" when installed at finishing end of machine.

Let us tell you more about it.


**J. M. VOITH CO. Inc.**  
 200 FIFTH AVENUE NEW YORK

WE BUILD ALL MACHINERY REQUIRED FOR PAPER, PULP AND SULPHITE MILLS

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## New York Trade Jottings

Hans Lagerlof, head of the Lagerlof Trading Company, spent last week on a trip through the West.

Among the visitors in the trade this week is J. O. Flaring, Chicago sales agent for the International Paper Company.

The West Virginia Pulp & Paper Company has leased the five-story flats at 34 Laight street, which will be used as a warehouse.

One of the many aviators now flying from Mineola on the search for submarines is William Beebe, son of Charles Beebe, 132 Nassau street.

Joseph H. Wallace & Co., represented by W. E. Truesdell, vice-president, consulting industrial engineers who are well known in the paper trade throughout the country have become members of the Merchants' Association of New York.

Arthur C. Trask, secretary and general sales manager of Marden, Orth & Hastings Corporation, is expected back in New York City early next week. During his six weeks' absence, Mr. Trask has visited in succession the Chicago, Cleveland, San Francisco and Seattle branches of his concern, besides a number of other cities in the Central States and the Far West.

Charles F. Stearns, owner of a prosperous printing business at 81 Centre street, who disappeared on January 6, 1910, and has not been heard from since, in spite of a nation-wide search conducted by his wife, Mrs. Emily H. Stearns, was declared legally dead recently by Surrogate Fowler on the application of Mrs. Stearns. The missing man had insurance policies aggregating a large sum. Mrs. Stearns said she was married in 1893, and that her domestic life was happy. Her husband carried a large sum of money at the time he disappeared.

Maurice Goldstein, of the American Wool Stock Company, 200 Fifth avenue, New York City, who is also well known in the paper stock trade through his connections with R. Goldstein & Son, 1162 Scott street, Baltimore, Md., has been elected secretary of the newly organized Wool Stock Graders' Association. The Wool Stock Graders' Association was formed for the duration of the war and for the purpose of co-operating with the United States Government in all its departments and any other organizations or bodies interested in the question of wool stock. The other officers of the association are as follows: Herman Rawitser, president; Edward A. Stone, vice-president; Winsor H. Watson, treasurer.

"Newspapers are not the only concerns that have to face the white paper situation with seriousness," said C. F. Storm, manager of the Marseilles Hotel. He has been appointed on a committee of West Side hotel men to look into the paper situation as it affects hotels. "We want to see in what way we can meet the rise in price of paper, not only in stationery but in wall paper also. The situation may even take on another phase," continued Mr. Storm with a smile, "for the Government has taken over so many crockery and glass manufactories, and reduced the output to such an extent, that the next thing we know hotel people will have to eat out of pressed paper plates. In the next few days we hope to arrive at some way of meeting this paper condition, as we have to meet the numerous other conditions that confront hotel men in these times of national stress."

## C. R. McMillan Wins Tournament

The championship at the annual spring tournament of the Paper Trade Golf Association, held at the Hackensack Golf Club, Hackensack, N. J., last week, was won by C. R. McMillan, vice-president of the Union Bag & Paper Corporation.

Mr. McMillan defeated Alec Calder, also of the Union Bag & Paper Corporation, 5 to 3 in the final match, and earlier in the day disposed of William C. Ridgway, secretary of the National Paper Trade Association of the United States. In the semi-final Roger Taft, New York manager of the Hammermill Paper Company and champion of the North Jersey County Club, lost to Mr. Calder after the match was carried to an extra hole.

Mr. McMillan not only won the championship but also won the Luke trophy for the best two rounds of the tournament, handicap conditions, with 157, 8-149. The morning net prize went to H. F. Harrison, of the West Virginia Pulp & Paper Company, with 87, 10-77. Louis Calder, vice-president of the Perkins-Goodwin Company, won in the afternoon, his card reading 101, 28-73.

The feature of this tournament was that practically all the prizes were paid in Thrift Stamps, amounting to \$168. About \$45 was raised for the Hackensack chapter of the Red Cross.

The summary of the events is as follows:

Championship; Final Round: C. R. McMillan, vice-president of the Union Bag & Paper Corporation, beat Alec Calder, also of the Union Bag & Paper Corporation, 5 up and 3 to play.

Second Eight: R. R. Boyce, of the West Virginia Pulp & Paper Company, beat H. H. Sutphin, of the Sutphin Paper Company, 1 up.

Third Eight: Warren B. Moore, of the Brown Corporation, beat Amos Hawley, of Holden & Hawley, 5 up and 4 to play.

Fourth Eight: Frederick Burkhardt, of the Parson Paper Company, Holyoke, Mass., beat A. B. Gladwin, of the S. M. Gladwin Company, 2 up and 1 to play.

Fifth Eight: N. R. Hopkins, sales manager of the Oxford Paper Company, beat H. P. Browning, of the H. P. Browning & Co., 2 up and 1 to play.

## To Push Sale of War Savings Stamps

The members of the Paper Trade Committee on War Savings Stamps met at a luncheon at the Arkwright Club on June 11 to discuss ways and means of raising the \$150,000 quota allotted to the paper trade.

Paul E. Vernon, chairman of the committee for the paper trade, presided.

Up to May 1 only \$13,450 of this had been raised, so the committee decided that energetic action was necessary if the full amount was to be procured. It was decided that monster meetings be held in City Hall Park and other places for the purpose of stimulating the public in general into buying War Savings Stamps. It was further decided that the men in the trade try to secure people who would pledge themselves to buy either \$100 worth of stamps or the limit which the Government allows them to buy, which is \$843.

## Maj. Miller Gets Important Post

COLUMBUS, OHIO, June 6, 1918.—Major Albert M. Miller, former vice-president of the Central Ohio Paper Company, has been made depot quartermaster of the Government's general supply depot at Baltimore, Md. The post is one of the most important of its kind in the country.

Major Miller was instrumental in bringing to Columbus the quartermaster's reserve supply depot now in course of construction. His friends believe that he will be returned to Columbus to have charge of the Columbus depot after it is completed.

## "Sawing Wood"

**I**N THE language of the street, that's our job today—Every one of us.

Our responsibilities are enormous. Our efforts must be constant and resultful.

Ordinary output is not sufficient. Peak loads are the order of the day.

In your particular instance, Mr. Mill Owner, war lumber without end is demanded, and while we have no "open sesame" to 100% results, we can provide you with that equip-

ment which is vitally necessary to maximum mill efficiency—a drive belt that will carry the load without interruption and for the longest possible time without replacement.

Goodrich "Commander" Drive Belt will meet this condition,—not merely because we say so—but rather for the reason that in the Saw Mill Field particularly, it has delivered the kind of service that proved it the safest and surest buy in the whole belt field.



### THE B.F. GOODRICH RUBBER COMPANY

Makers of the Celebrated Goodrich Automobile Tires—  
"Best in the Long Run"

The City of Goodrich—AKRON, OHIO



# GOODRICH "TRANSMISSION" BELTING

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



Manufacturers of Paper and Pulp  
Mill Machinery

## PENNSYLVANIA PAPER MEN ASK FOR RATE REDUCTION

**Understanding Is That Shippers Will Charge That Present Rates Are Prohibitive, and In Some Instances Are Twice as High as the Service Warrants—Dealers in About All Lines of Paper Report the Demand Very Much in Excess of the Supply—Marked Increase Is Noticed by the Mills Manufacturing Various Lines of Waxed Paper—Pamphlet About Paper Box Industry.**

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, June 11, 1918.—Paper mill men throughout Pennsylvania, as well as dealers and other handlers of both box board, coarse and fine papers, are interested in a movement started last week at the instance of Downingtown board mill owners with the object of bringing a joint action against the railroads before the Pennsylvania State Public Service Commission for a reduction of charges for the interchange of shipments between the carriers at different cities. While details of the plan are withheld pending a decision as to just what course the action will take, it is understood that the shippers will charge that present rates of interchange are prohibitive, in some instances being twice as high as the service warrants.

### Demand in Excess of Supply

Dealers and jobbers here in both fine and coarse paper lines still report demand well in excess of the supply. Nearly all the mills with agencies in this city or whose product is handled by local jobbers have withdrawn quotations. Difficulty is still being experienced in obtaining shipments because of transportation conditions. One reason for this is said by transportation experts to be the fact that production has increased faster in the Philadelphia district than in any other section. Thus the demands of industry have placed such a burden on the railroads entering this city that the government has allotted for shipment through the Port of Philadelphia only five per cent of all war shipments.

Because of these conditions paper men are turning more and more to the motor truck for intercity hauling. Within the last week there has been formed here a motor truck owners' association, which will attempt to put all intercity hauling on a systematic route and rate basis.

### Growing Demand for Wax Papers

Marked increase of business for mills manufacturing various kinds of waxed paper is reported by agents of the mills here. Some of this is due to the elimination by cigarette manufacturers of tin foil inner wrapping and the substitution of waxed paper.

Allen Whiting, president of the Whiting Patterson Company, reports continued withdrawal of quotations by mills. "Dealers generally seem to be loaded up with orders," says Mr. Whiting, "and they are being kept busy trying to fill them."

### Philadelphia's Paper Box Industry

The Philadelphia Chamber of Commerce has just issued the fifteenth of its educational pamphlets "to make Philadelphia's life, industry, history and government known, understood and appreciated by all its citizens." It is entitled *The Paper Box Making Industry in Philadelphia*, and was drawn up under the auspices of the paper box manufacturers of this city. While statistics contained in the pamphlet are for 1916, since which year there has been a tremendous development in the industry here, they are none the less of interest.

"The paper box industry is an important one," says the pamphlet, "and it is interesting to know that there are in Philadelphia alone

some sixty factories devoted exclusively to the manufacture of paper boxes and employing over 5,000 hands with an average pay roll amounting to nearly \$41,000. These factories, with their equipment represented, in 1916, an investment of \$4,000,000 and produced daily approximately 2,000,000 boxes which were sold for the yearly sum of \$8,000,000."

The booklet is written in non-technical style. Chapters are devoted to the importance of the paper box, the growth and development of the industry, a description of how box board is made, the making of a paper box, which describes the work of the various machines and hand operations. The final chapter, entitled "requirements and factory conditions," may be worth reprinting. It follows:

"We hear much nowadays about vocations, life work, business opportunities, and other terms, used by the student of sociology which, in a nut-shell, mean to the prospective worker but two things; working conditions and wages. The very nature of paper box making and the uses to which the boxes are to be put demand clean, light, sanitary conditions, and an inspection of the factories in Philadelphia will convince one that our box makers have made and are striving to make conditions in their shops agree with the most modern ideas of pleasant and sanitary working conditions. The manual work of box making is peculiarly suited to the rapid and delicate handling of women and girl workers, excepting, of course, in the cutting processes, which are performed by men and boys. There are none of those disagreeable or objectionable features in box making which in so many kinds of manufacturing cause the so-called occupational diseases or serious discomforts to the workers, but on the other hand the work is comparatively light and the principal qualifications of a good box maker are speed, cleanliness and accuracy.

"Safety has received unusual attention so that a device has now been designed for practically every kind of machine to insure the safety of life and limb under normal working conditions. Chances for advancement and the wages paid are the equal of those found in the great majority of industries, while the working conditions are good.

In fact, for the ambitious and intelligent worker, who intends to make of his or her work something more than a mere job, the paper box industry offers many opportunities."

### Large Volume of Business in Boston

[FROM OUR REGULAR CORRESPONDENT.]

BOSTON, Mass., June 11, 1918.—Although the volume of business being done by the members of the local paper trade is larger than during any similar period in past years, conditions are such as to keep the trade in a continual quandary. The uncertainty of obtaining stock already ordered, coupled with the anticipation of a shipping embargo, is causing many worrying moments. The mills are flooded with orders exceeding their production for months to come, and this applies especially to those making high grade papers. Prices are quoted only subject to those maintaining at time of shipment and no orders are being taken at present prices for future delivery. The consensus of opinion is that prices will continue to advance. Among the raw material dealers a similar situation exists. The one perplexing question among all branches of the trade is that of labor and this, it is felt, will soon reach an acute stage and no one dares make a prophecy of what will be the outcome.

### Hammermill Meeting August 23-24

The Hammermill Paper Company, Erie, Pa., announces that Friday and Saturday, August 23 and 24, are the dates that seem most desirable for its annual meeting. The dates are announced thus early so that it may be as convenient as possible for those who are to attend.



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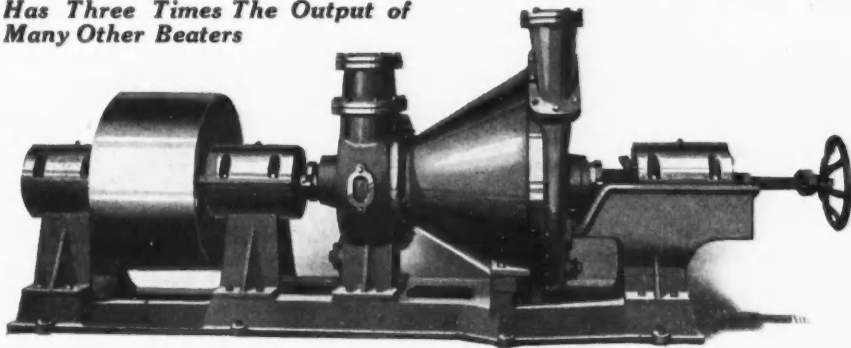
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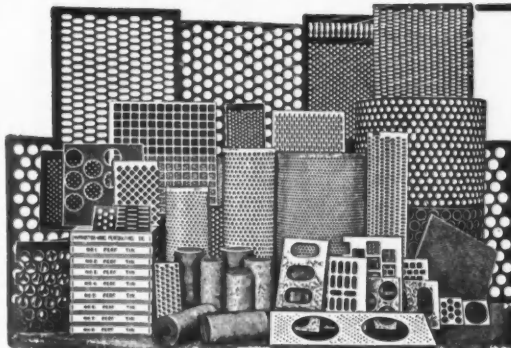
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## KALAMAZOO PAPER MILLS ALL ARE UNUSUALLY BUSY

**All Plants in the District Are Running to Full Capacity, and the Outlook Appears Unusually Promising—All the Mills Are Buying Coal in Large Quantity to Provide as Far As Possible for the Lean Days That Are Predicted for Next Winter—Kalamazoo Carton Company Increases Its Capital Stock and Will Install Wax Paper Plant—River Raisin Paper Company to Build Homes.**

[FROM OUR REGULAR CORRESPONDENT.]

KALAMAZOO, Mich., June 18, 1918.—Paper mills throughout the Kalamazoo River valley district report business unusually brisk these days, and the outlook for the future unusually bright. The various plants, book, coating, board, writing and specialties are running full capacity. Labor is well paid and contented. There is a scarcity of common labor at most plants, but the mills are getting along by careful planning.

Another noticeable feature is that practically every mill is buying coal in large quantities. It is apparent that every concern is making an effort to lay in a reserve supply for the lean days predicted for next winter. Kalamazoo mills require from 800 to 1,000 tons of coal a day, so that the task of laying by a reserve is a gigantic one.

### Work Progressing in Kalamazoo Offices

O. F. Miller, contractor, is pushing work ahead as rapidly as possible on the new offices for the combined Kalamazoo and River-view company. When completed it will be a model and convenient structure and well adapted to care for the future requirements of this immense corporation.

### Kalamazoo Carton Co. Increases Stock

The Kalamazoo Carton Company has increased its capital stock from \$125,000 to \$200,000 and will install an up-to-date parchment and wax paper plant. L. W. Sutherland, general manager of the company, announces that the general superintendent of the new department will be Harry Zimmerman, formerly general superintendent of the Kalamazoo Vegetable Parchment Company, and everywhere known as a competent parchment and wax paper maker.

A 105-inch parchment machine has been ordered from the Beloit Iron Works, Beloit, Wis., and delivery is promised in the Fall. The equipment for the wax paper division is being built at Franklin, Ohio, under the supervision of Mr. Zimmerman. It embodies many new and original ideas in production, worked out by Mr. Zimmerman.

### Work Being Rushed on Addition

Work is now being rushed on the additions to the plant. Just south of the present main building and immediately adjoining it is being erected a one-story concrete and steel structure with steel sash and fire glass. It will have 25,000 square feet of floor space and will be well adapted for housing the carton division of the concern. All the machinery now operating in the main building will be moved to this addition, while the equipment will be reinforced by two Kidder rotary color presses.

The second building of concrete and steel will take care of the storage of six tank cars of acid, while the third building will be in the form of an addition to the boiler house and will accommodate a 175 horse-power boiler. All these structures are raised well above the flood danger line, thus avoiding any future damage from high water. As soon as the machinery is taken out of the present main building, this floor will be raised about two feet and the parchment machine installed.

The company owns in all six acres of land, which will likely be needed in the future, as the growth of the concern has been phenomenal to date. In spite of all the enlargements now in progress, Manager Sutherland announces that his initial business, the Kalamazoo Label Company, consolidated with the Kalamazoo Carton Company, will remain in its present plant on West Ransom street. It is well housed there and doing a very thriving business.

### Merrill King Joins Aviation Corps

Merrill King, assistant general manager of the Rex Paper Company, has passed his examinations and all tests in the aviation service and reported for duty at the Urbana, Ill., camp, Saturday, June 15. Mr. King is the son of John F. King, one of the best known papermill magnates in the middle west.

### American Box Co. Suffers Fire Loss

The American Box Company, Grand Rapids, suffered a \$35,000 fire loss last week, when three large straw stacks containing 75,000 bales of straw were burned. It was only by the most strenuous work that the firemen prevented the spread of the flames to the company's buildings.

### River Raisin Paper Co. to Build Dwellings

The River Raisin Paper Company, Monroe, Mich., announces that it will start the erection in the immediate future of 100 homes for its employees. The plans call for the completion of 25 of the houses in a month's time and the balance will be completed at the rate of three a week.

The homes will be as nearly as possible the ideal workingman's home. They will be nicely decorated inside and out, with cement walks, water and electric connections. Fifty of the houses will have three bedrooms and 50 four bedrooms. In addition there will be good sized living room, dining room and kitchen. The building site is ample to provide large, roomy lots and each family will be able to have its own garden, chicken coops and plenty of shade.

### To Avoid Duplication of Dyestuffs

At present the main idea of the recently formed American Dyestuffs Manufacturers' Association is to get the manufacturers working together so that duplication may be avoided. In this way the association hopes to avoid wasteful duplication of products.

According to the association, more than two hundred million dollars have already been invested in the American dye industry, and it is confidently expected that the Government will give it sufficient tariff protection after the war to enable it to compete with the German and Japanese firms. No serious competition is expected from the latter, because American manufacturers are confident that they have progressed farther in the development of the quality and quantity of their dyes.

It is admitted that the American firms will be at a disadvantage in competition with German firms after the war if the Government doesn't permit them to use a small percentage of the toluene in this country. Almost all the toluene obtainable is being used for the manufacture of explosives, and the American chemists cannot perfect a great number of the intermediate colors owing to the fact that they cannot get the necessary toluene. The American Dyestuffs Manufacturers' Association hopes that the Government will allow the dyestuffs manufacturers a small proportion of the total toluene supply in this country, in order that they may carry out their experiment and perfect these intermediates which the Germans already have.

Committees of the association are working on plans for systematic propaganda which will educate the American public to the value of American dyes and awaken them to the necessity of keeping such an important industry in the country and at the same time securing independence from the German manufacturers.

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# Editorial

Vol. LXVI. New York, Thursday, June 13, 1918 No. 24  
FORTY-SIXTH YEAR

## News Print Hearing Concluded

What, it is to be hoped, was the concluding phase in the long protracted news print investigation before the Federal Trade Commission was brought to an end at Washington last week. Although it has subjected them to considerable inconvenience the news print manufacturers undoubtedly do not regret this latest hearing in the news print controversy between themselves and the publishers, as it has enabled them to establish their case in a more conclusive manner than ever before.

The Federal Trade Commission may be expected to exercise its utmost endeavor to determine between the fairness of the contentions of the publishers and the paper manufacturers and judging from all the testimony it would appear that its conclusions could not be greatly at variance with the figures that the news print manufacturers have endeavored to show by statistics and otherwise that they are entitled to have.

However, if through any circumstance of ill luck, the Federal Trade Commission does not make a price that will meet with the views of the news print manufacturers as to fairness and reasonableness, it must be remembered that the arrangement under which the investigation was held allows of an appeal to the Federal Court. Fortunately, the Hon. Henry A. Wise, by whom the case has been so admirably handled for the news print men has so marshalled his facts, whether consciously or not, that even in the event of such an appeal it ought not, provided the publishers will help expedite matters, take long to make ultimate disposition of the case, and certainly this is a consummation greatly to be desired now by everyone.

## Paper Mill Labor Statistics

Employment figures for March in the paper industry have just been compiled by the Bureau of Labor Statistics.

Reports were received from 50 paper mills in March of this year and last. In these fifty mills there were 27,493 persons employed in March of last year, increasing slightly to 27,542 persons this year, or an increase of .2 per cent. The payrolls, on the other hand, increased from \$401,099 last year to \$510,391 this year, or an increase of 27.2 per cent.

Comparative figures were also received from 49 mills for both February and March of this year. These figures show that in February there were 25,715 persons employed, increasing in March to 26,625, or an increase of 3.5 per cent. The payroll increased from \$430,921 in February to \$494,910 in March, showing an increase of 14.8 per cent.

In connection with changes in wages in the paper mills the bureau's report says:

"An increase of 20 per cent was reported by one plant, but

no statement was made as to the number affected. Three plants reported an increase of 10 per cent—one, to 90 per cent of the force; another, to approximately 23 per cent of the employees; and the third, to about 90 per cent of the employees, with smaller increases to the remaining 10 per cent of the employees. One establishment granted an increase of approximately 3 per cent to the entire payroll and another reported an increase of 2½ cents an hour to all of the employees."

## W. S. Day Must Be Big Success

The National War Savings Committee, which is carrying on, through its State and local committees, a Nation-wide campaign to get all the people on or before June 28 to pledge themselves to save to the utmost of their ability and to buy War Savings Stamps with their savings, has given out the following statement:

"Those of us who remain at home while others do the fighting have an ever-increasing number of opportunities to do definite and highly important work for our country. We wish to do this work as an expression of the gratitude we feel in being privileged to continue at our usual tasks, to enjoy the loving companionship of our families, to meet freely with our friends and neighbors, to enjoy all the security of life and most of the pleasures and the economic privileges of peace times while other men, who have had to put aside all these things, are fighting our battles for us on the sacred soil of France and on the high seas.

"Our new opportunity to serve comes as a result of designating June 28 as National War Savings Day, a day on which all men and women and all children of sufficient years to appreciate the day's significance are called upon to pledge themselves to save to the utmost of their ability and to conserve all possible labor and materials for the Government, and to buy War Savings Stamps with their savings. Our part is to do everything possible to make this day stand out among the great days of this period of the war.

"Could any one of us be asked to do less than this? Could any one of us refuse to do so little a thing to win a war for the world's freedom? Could any one of us put aside this plea for saving while all Europe is crying out in its agony to be released from the clutches of the monster that is befouling all it touches? Could we refuse so simple a thing and at the same time ask other men to give their lives that our own precious lives be spared and our firesides be kept safe from the terrors of the Hun?

"Our duty is clear, our privilege is great, our sacrifice is little, our work is important.

"National War Savings Day is to be the great rallying day on which everyone in our country is expected to pledge himself or herself to save and economize. This saving and economizing will first of all leave in the markets a greater supply of labor and materials for the use of the Government with which to fight the war. And then the money savings of the individuals are to be invested in War Savings Stamps.

"What the Government asks us to do is to pledge ourselves



to buy at definite periods with our savings a specific amount of War Savings Stamps. The thing to be accomplished is to get subscriptions which will take care during the balance of the present year of the unsold portion of the \$2,000,000,000 of War Savings Stamps authorized by the Congress to be sold during 1918.

"When one stops to think of the matter, it is really a small thing to raise \$2,000,000,000 in a country of more than 100,000,000 people. If everyone would do his share, it would be necessary for each person to subscribe to only \$20 worth of stamps.

"The duty of us at home is to see to it that the entire amount is subscribed. We must work to that end. We must add to our already great army of war savers. We must make more sacrifices ourselves and urge sacrifices upon others. National War Savings Day *must be* made the great success all of us hope for."

### How Best to Conserve Coal

BOSTON, Mass., June 11, 1918.

Editor PAPER TRADE JOURNAL:

I enclose copy of a letter which I sent to Dr. Merchant of the Federal Trade Commission, Washington, thinking that you might like to insert copy in your JOURNAL.

On consideration of the subject it is evident that "heatless days" are very expensive, as according to our experience they consume two-fifths as much coal as is used when running full time.

On "heatless days" labor has had to suffer, as labor cannot be transferred for short periods to other useful work.

It is evident that the best interests of the country at large are to be served best, by a plan which will give the largest amount of production from the smallest amount of coal, and this plan not only conserves coal but minimizes transportation in the same proportion.

Yours very truly,  
GEO. W. WHEELWRIGHT.

BOSTON, Mass., June 10, 1918.

Dr. E. O. Merchant,  
Federal Trade Commission,  
Washington, D. C.

DEAR SIR:—Referring to my conversation with you at your office the last of April, relative to the possibility that some curtailment of paper product in some lines might be ordered in the future, you may recall that I argued against the so-called "heatless days"—such as were imposed in January and February last.

I argued in favor of a coal restriction, rather than an order to restrict production, which latter plan in my opinion will not conserve coal, to as great a degree, as would a restriction in the allowance for coal. With such a restriction the manufacturer would be stimulated to greater economy in the use of fuel, and labor could be so employed, as to avoid a loss of employment and thus conserve man power. There are few plants where the steam equipment is up to the highest standard, and where it is not possible to effect economies.

Our own plants are modern. All of our boilers are internally fired, and boilers and piping are covered with the best of material. We are now going over them to see if any patching is needed in the coverings, and to correct any defects we can detect, either in the use of steam or power. Every heat unit from our exhaust of steam engines is carefully conserved in boiling stock, drying paper and heating, by condensing the surplus.

In 1917 our consumption of coal amounted to 15,547 long tons of New River coal. This is an average of nearly 52 tons daily assessed on 300 working days. The five heatless days in January, we averaged over 20 long tons per day, which was necessary to protect our sprinkler service from freezing, which is required under our insurance policies.

You will see by this statement that a large amount of coal is eaten up in necessary heating, when mills are idle, and that labor is subjected to heavy loss, as it is not possible for it to find other employment for idle mill days.

Respectfully submitted,  
(Signed) GEORGE W. WHEELWRIGHT.

### Fiber Packages to Save Tin

Many new uses are being found for fiber containers in packing food products commonly put up in tins, according to *The Canner* in a recent discussion on this subject. The following articles have been successfully marketed in fiber containers: Syrups that do not ferment, jellies, jams, marmalades, honey, salted nuts, marshmallow products, known under trade names, such as marshmallow whip and the like, marshmallows, hard candy, chocolate-coated candies, malted milk, glace fruit, cocoa and spices. Milk, cream, mincemeat, peanut butter, and oysters, sold in bulk, can be placed in temporary or carrying-out fiber containers.

The following articles may be packed in fiber containers for a short length of time: Cottage cheese and other soft curd cheeses, pickled fish, sausage meat, horseradish, sauerkraut, and various delicatessen products and soda-fountain supplies.

Other uses for the fiber containers are as measures for dried products, such as crackers, small cakes, salted peanuts, and candies. One concern has reported that it has an order for fiber containers to hold a liquid chemical fire extinguisher.

### Italian Sulphur Export Trade to Be Controlled

The Italian Ministry of Foreign Affairs has announced the promulgation of regulations regarding the sale and exportation of sulphur, which are intended to control its distribution and to correct the unfavorable exchange conditions. Without prejudice to contracts actually entered into before March 18 of the present year, from that day the price of Italian sulphur is fixed at 425 lire gold per metric ton (\$3.72 per 100 pounds). All orders for sulphur are required to be presented by the respective governments through the Ministry of Foreign Affairs, which will forward them to the proper office for action. Allotments will be made in a manner to be decided upon later.

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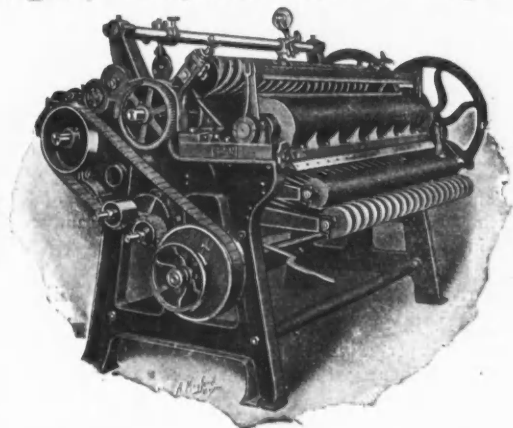
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## Obituary

### James Pirnie

James Pirnie, manager of the New York office of Edwin Butterworth & Co., dealers in and importers of paper makers' supplies, at 132 Nassau street, died at his home, 373 Sterling place, Brooklyn, on Thursday, following an illness of several months' duration. He was aged 68 years.

Mr. Pirnie was long one of the foremost members of the paper mill supply trade. He was connected with E. Butterworth & Co.



JAMES PIRNIE.

for upwards of 40 years and had served for two terms as president of the Associated Dealers in Paper Mill Supplies of New York, now known as the Waste Merchants' Association of New York.

He was educated at the Polytechnic Institute, Brooklyn. He was a member of the Crescent Athletic Club, the Brooklyn Civic Club, and the Alumni Association of the Brooklyn Polytechnic Institute.

He leaves his widow, two daughters and a son. Funeral services were held Saturday evening in the Spencer Memorial Presbyterian Church and burial was Sunday in Greenwood Cemetery, Brooklyn.

### Ontario Paper Company Loss Is \$150,000

[FROM OUR REGULAR CORRESPONDENT.]

NIAGARA FALLS, N. Y., June 10, 1918.—Officials of the Ontario Paper Company estimate the loss by the fire which last week destroyed its piles of pulpwood at its Thorold, Ont., plant at \$150,000. Last Monday an unofficial estimate placed the loss at about \$30,000. The entire stock of 10,000 cords was destroyed before the fire was extinguished. The officers of the company are high in their praise of the work done by the Buffalo fire tug. They believe that the fire would have reached the \$1,500,000 mill had not the tug been sent to the scene just in time. The tug left Buffalo early Sunday afternoon. After making a quick run through the Welland canal, two big streams were turned on the smoldering mass, which were continued for 24 hours without a pause. The fire was not completely extinguished until two days after it was discovered.

While the mill was again started in operation last Tuesday, the company has a problem to solve in how to get sufficient wood to keep it in operation. The company has the supply, but the problem is transportation. In Canada, as well as in the United States, all available engines and cars are being used to transport soldiers

and foodstuffs and other war materials. The Government has ruled that pulpwood is non-essential to win the war. The loss of the wood is a much harder blow than the cost of the wood, which was completely covered by insurance.

The fire was started from sparks from the company's yard engine, an investigation shows. But while the firemen were fighting the main blaze it is said that foreigners employed by the company attempted to start a fire in another section of the big pile.

"During the fire we attempted to get a number of our foreigners employed as laborers to assist in handling the streams to put out the fire. They refused," Superintendent John F. Ryan told the PAPER TRADE JOURNAL correspondent. "We had to call on the troops sent to guard the mill to drive the men off the company's property."

### Canada's Pulpwood Resources

The following table, printed in *Conservation*, shows the approximate amounts of certain classes of pulpwood material now standing in the several provinces of Canada. All sizes of the species named are included. It represents, to some extent, a compromise between the guesses made by various individuals or organizations in the past, and information relating to partial areas based upon investigations actually made in the field.

	Cords.	
Nova Scotia .....	30,000,000	spruce and balsam.
New Brunswick .....	33,000,000	" " "
Quebec .....	300,000,000	" " "
Ontario .....	200,000,000	" " "

Total for Eastern Canada.....	563,000,000	cords.
Prairie provinces .....	85,000,000	spruce and balsam.
Prairie provinces .....	100,000,000	poplar.
British Columbia .....	285,370,000	Sitka spruce, western hemlock, balsam and cottonwood.

Total for Western Canada..... 470,370,000 cords.

Total for all Canada.....1,033,370,000 cords.

In considering this table certain allowances must be made in arriving at commercial possibilities. In the first place, vast amounts of material of suitable size for pulpwood are so situated as to be commercially inaccessible. In other cases, bodies of timber of limited size are so scattered as to make profitable operation impracticable. Further, balsam does not float readily for long distances, and heavy losses result from sinking where long drives are necessary.

Another factor, sometimes overlooked, is the heavy demand upon these forests for purposes other than the cutting of pulpwood. The greatest of these is for the manufacture of lumber, for which very large amounts of spruce and balsam are used annually in eastern Canada.

### J. R. Draper Resigns from Hoboken Paper Mills Co.

HOBOKEN, N. J., June 10, 1918.—John R. Draper, who came to the Hoboken Paper Mills Company as resident manager of the Rossman plant January 1, has resigned his position with that company.

Mr. Draper was for several years with the Megargee Mills Company, of Modena, Pa.

Taken by surprise by the entire employees of the mill at Rossman, Mr. Draper was presented with a handsome Elks emblem, a meerschmum pipe and a box of cigars, in which was enclosed a letter of remembrance signed by each of the employees, who regret the loss of such a man as Mr. Draper.



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for Use in Paper Mills

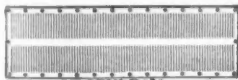
LAWRENCE, MASS.

## WILLIAM A. HARDY & SONS COMPANY

:: FITCHBURG, MASS., U. S. A. ::

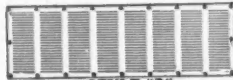
### SCREEN

For Flat and Rotary Centrifugal Screens.  
Made of HARDY BRONZE, Rolled Brass  
and Copper.



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Grooved or bev-  
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of fasteners.

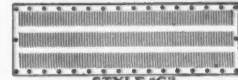


STYLE-B

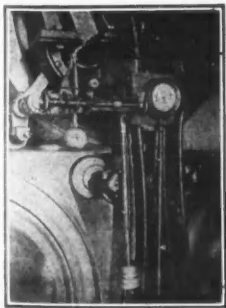
### PLATES

Acid-Resisting Bronze Castings, Suction  
Plates, Babbitt Metal, Hardy Bronze  
Screws.

Old Plates Recut  
to Accurate  
Gauge.




STYLE-C



## We Will Prove To Your Satisfaction That PICKLES DRYING REGULATOR

will give you higher finished papers—remove the irregularities of  
your present drying system—maintain a uniform moisture at all  
times. It will cost you nothing if it fails to prove our claims.  
Write for list of users and complete information.

W. F. PICKLES, Buckland, Conn.



**We go the limit  
to get a customer  
—And we go the  
limit to hold one**

*This should appeal to you*

**FRED C. STRYPE**  
320 Broadway, New York City  
DOMESTIC & EXPORT  
WRAPPING  
PAPER

**"Making two blades grow."**

**SAVE WITH VEGETABLE PARCHMENT AND WAXED PAPER**

**WAXED PAPER** **PARCHMENT PAPER**

The man or corporation who "makes two blades grow where but one grew before" benefits mankind!

These war times bring home to each one of us the necessity for utilizing waste—converting it into products that render a service.

The paper industry surely "makes two blades grow" by taking raw materials that are either waste or unimportant and, in almost a magical manner, transforming them into a product that contributes definitely to our present civilization.

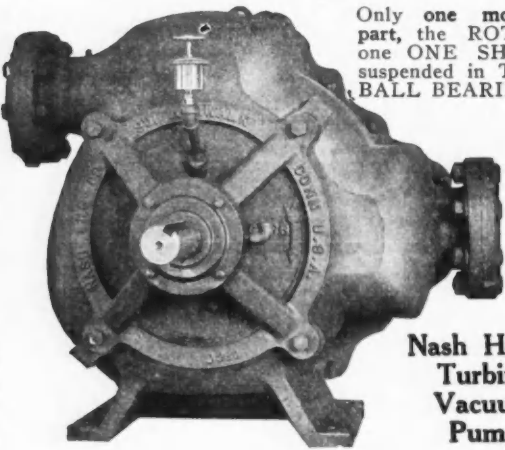
Two blades spring forth from this new mill!  
They grow from the raw material into shining sheets and rolls of **Vegetable Parchment and Waxed Papers**

Manufacturers and packers use these papers. Bakers wrap bread in waxed wrappers. They are put up for household use in rolls and sheets. They **directly** save food. In this connection be sure to read the article on page 17 of the June PRATTLER. Send for samples.

**Kalamazoo Vegetable Parchment Company**  
Kalamazoo, Mich., U. S. A.



**Durability and Efficiency in  
Nash Hydro Turbine Vacuum Pumps**



Only one moving part, the ROTOR, one ONE SHAFT suspended in TWO BALL BEARINGS.

**Nash Hydro Turbine Vacuum Pump**

No internal friction—No internal lubrication.

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*Tanned by us for lasting use*



**Here Is Economy**  
What belts give the longest service? transmit most power? are easiest to repair? have the proper elasticity with firmness? best stand mauling of shifters? when damaged can be cut down for use on narrower pulleys?

There is only one answer, **LEATHER BELTING—Graton & Knight Standardized Series Leather Belting** means the highest degree of economy, efficiency and production.

Write for complete information about Standardized Belting.

**THE GRATON & KNIGHT MFG. CO.**  
Worcester, Mass., U. S. A.

**GRATON & KNIGHT**

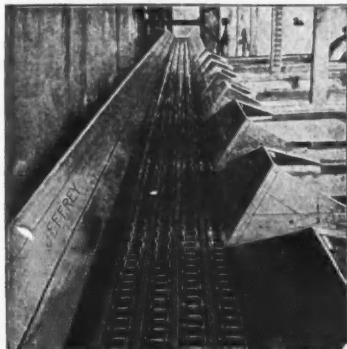
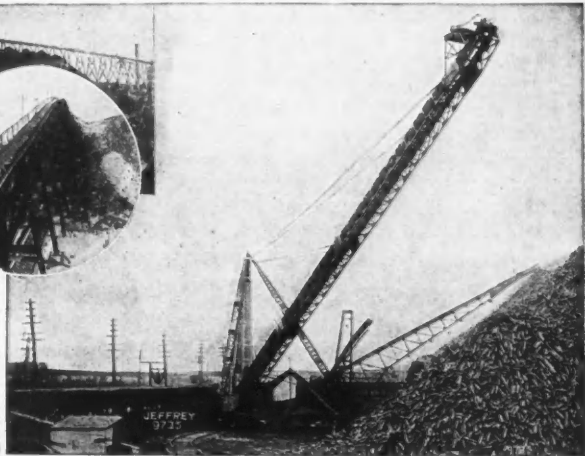


40,000 cords of Pulpwood, Stored and Reclaimed by a **Jeffrey Wire Cable Conveyor**, 1830 feet centers, at Anglo-New Found-land Development Co.



The illustration to the right shows the largest Pulp Wood Stacker ever built—a **Jeffrey Stacker** recently erected for the Lake Superior Pulp & Paper Co., at Saulte Ste. Marie, Ontario, Canada.

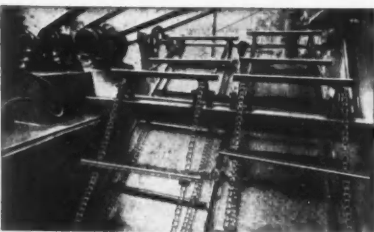
The length of the boom from center of the lower pin is 180 feet, while the boom over all is practically 200 feet long. Stacker will pile Pulp Wood to a height of 90 feet and has a capacity of practically 100 cords of 2 feet wood per hour.



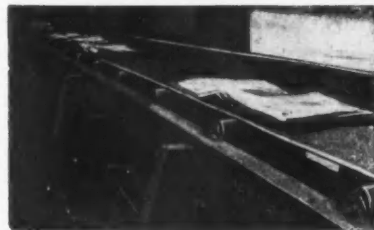
A Series of plain Chains makes an excellent conveyer for handling Logs, to Stacker or to Barkers.



**Jeffrey Flat and Round Link Steel Link Chain Conveyor** handling Cooked Straw over Beaters in Paper and Board Mill.



**Jeffrey Detachable Link Chain Conveyor** handling Wood Slivers from Grinders



A Flat Rubber Belt Conveyor handling Pulp Laps to Jeffrey Swing Hammer Shredder.

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## For Paper and Pulp Mill Service

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Traveling or Stationary Wood Pulp Stackers. Various types of Malleable and Steel Chains for all Elevating, Conveying and Power Transmission purposes.

Coal and Ashes Handling Equipments—Coal Crushers.

Shredders for reducing Pulp Laps, Wood Chips, Bark, etc.

Let Jeffrey Engineers aid you in the selection of the Right Equipment for your requirements. Ask for latest Catalogs.

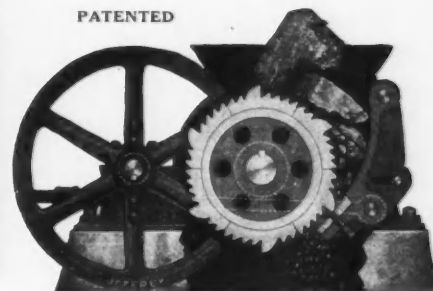
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931 North Fourth Street

COLUMBUS, OHIO



The **Jeffrey Pivoted Bucket Elevator-Conveyor** is the Super-Service Carrier for Power Plants. Write for New Bulletin No. 237.



The **Jeffrey Single Roll Coal Crusher**—reduces Lump and Run-of-Mine Coal to Stoker size, in a Single Operation.

## CANADIAN TECHNICAL SECTION MEETS AT TORONTO

(Continued from page 14.)

The whole of Friday morning was spent in an inspection of the new Toronto Technical School. The visitors were received by Principal Mackay, who delivered a short but most interesting address on Technical Education as carried on in the Toronto institution. The school impressed the visitors as being one of the finest, both as regards building and equipment, that they had ever seen. The fact of this large school being supported almost entirely by the taxpayers of Toronto, was taken as a strong indication of the deep-seated interest in the advance of education on the part of the Toronto people.

The whole school was inspected, this consuming several hours of the visiting members' time.

### Address on Technical Education

Following luncheon at the Hotel, an address on "Technical Education, Its Advantages and Its Defects" was delivered by C. V. Corless, general manager of the Mond Nickel Company, Sud-

bury, who has made a special study of the subject. Mr. Corless advocated strongly the necessity for technical education, but at the same time pointed out that if it is not accompanied by due attention to the ethical as well as the material side, there would be a danger of too much prominence being given to material gain at the expense of the higher and more human side of advanced education.

Later in the afternoon a visit was paid to the plant of the Hinde & Dauch Paper Company of Canada, where O. H. Moore, the manager, received the visitors and explained the many operations that go to make their product, corrugated paper boxes. This completed the program of the convention.

In the absence of Dr. J. S. Bates, the chairman of the section, the meetings were presided over by O. Rolland, of the Rolland Paper Company, Montreal. As this was a mid-year meeting, no change was made in the officers.

## WHY SAFETY SHOULD APPEAL TO EMPLOYER AND EMPLOYEE\*

BY A. P. COSTIGANE, SECRETARY AND SAFETY ENGINEER, ONTARIO PULP & PAPER SAFETY ASSOCIATION.

Safety is a small word, but has a world of meaning compressed into its six letters, and it opens up such a large field for study that I have thought it advisable to confine myself to only one or two aspects, and to speak briefly on each. I propose, therefore, to review the following sections of safety, dividing these sections into sub-sections when necessary.

1. Why safety should appeal to the employer.
2. Why safety should appeal to the employee.
3. How can results be obtained?

### "Why Safety Should Appeal to the Employer"

It immediately strikes one that accident prevention and safety organizing should appeal to the employer from two points of view, namely, the humanitarian side and the dollars and cents side. There are nowadays few employers—and with employers are included general managers, etc.—to whom the humanitarian aspect does not make a strong appeal. They have come to realize within these last few years that the men in the mill are human like themselves, having the feelings and intelligence of human beings, and are sensitive to considerate and just treatment. Any manager who has been unfortunate enough to be present in the doctor's office when one of his employees, who has been mauled up in an unguarded belt or other hazard, is suffering the process of having the stump of an arm or leg dressed, is not difficult to convince. The thought naturally occurs to him what would his wife feel and think if he were to be brought home in a crippled condition, and what of his children's future, should they have to depend on a physically wrecked father? An experience such as outlined brings the matter home in a way that the reading of reports or listening to addresses can never do. The great majority of employers value highly the good opinion of their men and are anxious to see them working under conditions conducive to health and safety compatible with the exigencies governing the industry. Out of thoughts and feelings such as these animating leading employers of the United States has sprung that association—the National Safety Council, which has in such a short time attained to an international position in which it wields such enormous power for the benefit of all wage earning humanity. In five years' time the membership of the council has increased from 40 to over 3,500 industrial concerns employing 6,000,000 people. Could such an increase have taken place unless the high ideals of justice on

which the constitution of the council is based, found ready acceptance on the part of employers and was backed up by them by the expenditure of both time and money?

### The Dollars and Cents of It

Let us now examine the dollars and cents of it. This aspect may appeal to some more strongly than the humanitarian, but from my experience of the pulp and paper industry of Ontario, I would say, to very few. When by organized effort accidents in any plant have been reduced there will be a corresponding reduction in compensation paid to injured. There will also be a great saving in time lost by injured men, less interruption of work of fellow employees, less waste of material by new men, more uniform production and saving in time of foremen in training new men to take the place of those temporarily incapacitated owing to injury. All such losses can be converted into dollars and cents, and in plants where such figures have been made up they have proved most convincing missionaries of the safety movement.

Speaking of losses due to accidents, let me tell you of an incident that came under my own observation. Not long ago I met the superintendent of a plant in which there had occurred a fatal accident. In the course of conversation I put the question, What do you consider this accident cost you—expecting him to name the sum of a few hundred dollars at the outside. Imagine my surprise when he said, about \$1,000. Asked to explain, he said the accident happened at nine o'clock in the morning and owing to the unsettling of the other employees and the discussions among them over the various details, the output of the plant fell to practically nothing for that day. Two days later the plant shut down for the funeral, all wages being paid by the company as usual. Thus the services of 200 men for practically two whole days was the price this company paid for that one accident. The superintendent did not overestimate when he placed the figure around \$1,000.

### Accidents Can Be Reduced

The question may be asked, Can accidents be reduced? I would unhesitatingly answer in the affirmative, and would point to what has been accomplished in the United States. For these figures I am indebted to C. W. Price, field secretary, National Safety Council.

The International Harvester Company, with 23 plants, employing

(Continued on page 44.)

\*Read at the Summer Meeting of the Technical Section of the Canadian Pulp & Paper Association, Toronto, Ont., June 6-7, 1918.



**A Very Important Economy Factor in These Days of Labor Shortage**



## Electric Hand Barker

Every pulp, lumber, and paper mill should have one of these handy electric barkers. It is the quickest device obtainable for removing small patches of bark, bumps, knots, etc.

The barker is suspended from any convenient point and balanced by a weight. One hand brings the entire barker and cutting head to cutting position while the other hand may be used for holding the work as indicated in the illustration at the right.

Length—about two feet; Weight—50 lb.; 3/4 h. p. motor.

Any details you may wish will be gladly and freely furnished upon request.

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Manufacturers of Modern Barking Equipment

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## CANADIAN TECHNICAL SECTION MEETS AT TORONTO

(Continued from page 42.)

35,000 people and facing all kinds of hazards, have reduced compensation from 54c. per \$100 of payroll to 25c. per \$100 in five years. They have reduced the time lost per man 61 6/10 per cent and deaths from 10 to 4 or 60 per cent. The Eastman Kodak Company, during the last two years, has reduced accidents 80 per cent. The records of the American Smelting & Refining Company, Omaha, down to the end of 1916, show a reduction of 90 per cent in days lost and 70 per cent in the number of accidents.

One of the most remarkable stories in the history of accident prevention in the United States is the story of what the great railroads of the country have done. Five years ago the Chicago & Northwestern Railroad began to work out an efficient safety organization. They have now 800 men serving on safety committees, and during the five years they have reduced deaths 65 per cent. The El Paso Southwestern Railroad has reduced deaths to employees 83 per cent. The Southern Pacific Railroad has reduced deaths to employees 86 per cent.

To sum up, all railroads in the United States have, over the period of five years ending 1916, reduced deaths to passengers 50 per cent, reduced the number of employees killed 47 per cent, and reduced the number of employees injured 43 6/10 per cent. Three hundred and twenty-five railroads having a trackage of 162,000 miles and carrying 485 million passengers, did not during the year 1916 kill one passenger in a wreck. These figures are authentic and make clear answer to the query, Can accidents be reduced? That is what has been accomplished in the United States, and surely what has been done there can be duplicated in Canada.

### Why Safety Should Appeal to Employees

The real safety movement consists fundamentally of constructive work for industrial betterment with the main purpose of promoting a sound body, a clear eye and brain, and a clean standard of living. Such a movement aims at preventing men from being injured; it precludes poverty, suffering and destitution in the families; it helps to prevent injury by one employee of another by carelessness or thoughtlessness; it inculcates a spirit of co-operation and good-will throughout the plant; it smooths the difficulties of the new man; it emphasizes the necessity for safeguarding physical hazards, so that employees do not feel that their lives may be snuffed out if they are not constantly on guard, to keep away from moving belts, flywheels or open gearing. It provides an opportunity for each employee to signify his interest in his fellow employees, by making suggestions for improvements. But what should appeal most strongly to employees is the toll of accidents in the industry every year. In the pulp and paper mills of the Province of Ontario during the year 1917, exclusive of woods operations, there were 852 non-fatal accidents and 7 fatal accidents, involving lost time amounting to 14,249 days. That means 209 days were lost for every man or woman full time worker employed in the industry. Taking the average weekly wage of those injured at \$19.50, which is fairly accurate, we get a total loss in wages of \$39,532. Deduct from this figure the 55 per cent paid in compensation, amounting to \$21,742, and the remainder, \$17,790, is the actual monetary loss suffered by employees injured during the year 1917. This loss can never be recovered and is an appalling tax paid annually by men for the privilege of being careless, thoughtless and indifferent. The price is enormous. Is it not worth while to take every precaution to get rid of this hydra-headed incubus that is threatening the happiness and very existence of those engaged in the industry?

### Safeguards Employees' Interest

The outstanding reason why employees should welcome safety is that such propaganda is for the safeguarding of their interests,

both physical and moral. When all employees have grasped this fundamental truth there will be no question of their vigorous and sincere co-operation.

### How Can Results Be Obtained?

No matter from what angle safety propaganda may be studied, the student invariably arrives at the one and only solution of this mighty problem—co-operation. Personal co-operation on the part of the management must be forthcoming and that in no half measure, but full, free and open-hearted. The management can co-operate by establishing an official safety organization, and see that the efforts are not spasmodic, but sustained. Any safety movement to be any good must have the continuous backing of the management. Any signs of indifference on their part are readily noted in the mill and the example quickly followed. You cannot expect your men to believe in a principle you do not believe in yourself, and you cannot expect safety work to be successful in your plant unless you initiate it and back it up.

### Co-operation of Foremen Vital

Co-operation of the foremen is vital and must be obtained at all hazards. There is no class of men in the mill who can more quickly or more effectually damn safety work than the foremen if their sympathies have not been aroused and their interest secured. The foreman is the man most intimately acquainted with the men, and it is really to him that we must look for results. He knows all the physical hazards of the work upon which his men are engaged; therefore, it follows that a foreman who is interested in safety and is persistent in his efforts to prevent accidents will have few accidents. What foremen do not always realize is that it is not sufficient to know that workmen are careless or that the injured man was not sufficiently attentive to his work at the time of the accident, but they should recognize that in the interest of safety this weakness on the part of men must be overcome. The foreman should be made to feel that if one of his men is injured, by a preventable accident, to that extent he is unsuccessful, or if he knows that employees under his charge are indulging in practices which involve risk of injury to themselves or others, he should co-operate by eliminating such practices, as otherwise he is morally responsible for any accident that may result therefrom. A foreman who has been successfully inoculated with safety serum will realize that constant vigilance is the price of safety, and will act as a danger signal for his men. This is especially true of foremen in charge of gangs of outside laborers.

### Co-operation of Employees

Co-operation of employees means the be-all and end-all of safety work. The multiplicity of ways in which their influence can be made effective are governed to a large extent by the environment of the plant and are too numerous to mention them all. What has already been said about the responsibility of the employer and the foremen does not decrease in any degree the responsibility of the employee. New men do not always realize the hazards of the occupation, and therefore unknowingly take chances. In cases such as these, older employees can be of infinite service in pointing out in a friendly way dangers which have not become apparent to the new man. Serving on safety committees, making safety suggestions, spreading the gospel of safety among their fellow employees, and using their influence in every way possible to control the demon of carelessness, which is responsible for such a large percentage of accidents, are some of the ways in which employees can co-operate in improving the conditions and increasing the happiness of their fellowmen.

This demon of carelessness is always in evidence and must be sternly exorcised.

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Now makes the Revolvator indispensable

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Sales Agent—N. Y. Revolving Portable Elev. Co.





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

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

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 ASSISTANT SUPERINTENDENT OR NIGHT BOSS** for paper mills, two tour system, making box boards. Must be practical paper maker, and a good handler of help. Address Box 365, care Paper Trade Journal.

**MACHINE TENDERS WANTED.** Two machine tenders for felt machine, two shifts; \$4.00 per day, \$4.25 at night. Good city, good schools and steady work. Address Box 366, care Paper Trade Journal.

**MACHINE TENDERS WANTED,** book and writing small slow running machines, 8 hour day, \$4.25 per day. Apply to Toronto Paper Mfg. Company, Limited, Cornwall, Ont.

**WANTED—Millwright** for a new cylinder mill, in a city of 70,000. Good wages paid for an A No. 1 man. Address Box 367, care Paper Trade Journal.

**SUPERINTENDENT FOR NEW YORK CITY PLANT** thoroughly acquainted with characteristics and qualities box board paper, use of silicate and other cementitious compounds; preference given man experienced manufacture spirally wound containers; unusually desirable opportunity. Address Box 368, care Paper Trade Journal.

**POSITION OPEN—WANTED:** A master mechanic, thoroughly experienced in paper mill repair work. Must have executive ability in dealing with the usual grade of help on this work and be able to plan, as well as to assist in the work. We have five machines in a modern plant located in Eastern Pennsylvania. Give in confidence, full details of experience, age, married and salary expected at start. Address Box 369, care Paper Trade Journal.

**BEATERMAN ON TISSUE.** No colors. 8 hours. Permanent place. Location Eastern Pennsylvania. Write fully experience and reference in confidence. Address Box 370, care Paper Trade Journal.

**WANTED—Power plant engineer.** Must be familiar with modern boiler room practice. Address Hammermill Paper Co., Erie, Pa.

**WANTED—First class millwright** capable of taking charge of a paper mill operating two board machines. Address Box 362, care Paper Trade Journal.

## FOR SALE

One cylinder machine complete with fifteen 36" x 64" dryers.

Address

The Shurtle Brothers Machine Company  
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## HELP WANTED

**WANTED—Superintendent** for one machine tissue mill. Must be familiar with modern machinery and methods. State salary desired. Address Box 364, care Paper Trade Journal.

**WANTED—Experienced outside salesman** on fine papers used by printers and publishers. Salary or commission, or both, to right party. Headquarters, San Francisco, representing old established Eastern jobbing house. Address G. R. De Vore, 1555 Broadway, San Francisco, Calif.

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**WANTED—2 Millwrights—54c per hour—10 hour basis.** 3 machine tenders from 46½c to 58½c per hour—2 tour basis. 3 back tenders from 35½c to 38c per hour—2 tour basis. 1 hemlock sulphite cooker 42½c per hour—2 tour basis. 2 mill carpenters—48½c per hour—10 hour basis. Address Box 349, care Paper Trade Journal.

**WANTED—Back tender** for news machine in Canada running 500 feet, wages \$3.50—8 hours, only sober man wanted. Address Box 351, care Paper Trade Journal.

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**WOOD ROOM FOREMAN—Wanted assistant** to wood room foreman. Good opportunity—only live wire man considered. Address Box 354, care Paper Trade Journal.

**WANTED—Night boss** for board mill. One machine making container board. Must be competent, reliable man. Good position for experienced man. Address Box 355, care Paper Trade Journal.

**WOOD PULP SALESMAN—High class—** responsible—with experience and ability for large concern. State full particulars. Address Box 356, care Paper Trade Journal.

**WANTED—One first class all around finisher;** piece work; wages average from \$5.00 to \$5.50 per day. Address Box 64, care Paper Trade Journal.

**WANTED—Two back tenders** for cylinder machine. Steady work and good conditions. Address Box 357, care Paper Trade Journal.

**EXPERIENCED PRESS CUTTER MAN** by paper concern in New Hampshire. Good pay; 54 hours per week. Excellent chance for advancement. State experience, age and salary wanted. Address Emp. Dept., Box No. 501, Nashua, N. H.

**WANTED—Reliable beater engineer** with color experience. Eight hours, wages 66 cents per hour, steady employment. Middle west mill. Address Box 335, care Paper Trade Journal.

**WANTED—Steady, reliable, cylinder machine tender,** three mould machine, on tags, bristols, and covers. Three tour day. Address Box 337, care Paper Trade Journal.

## FOR SALE

**PAPER MACHINES—One 84" Double Cylinder Machine,** first and second presses, 36 dryers, calenders, Reel and Winder, Marshall Drive. One 60" Fourdrinier, first and second presses, 18 dryers, 3 stacks of calenders, reel, slitter, Marshall Drive.

**WET MACHINES—Two 48" Wet Machines** for Board, one 72" Sandy Hill, one 84" Bagley & Sewall.

**PAPER CUTTERS—One 112" Horne;** 44", 41" Finlay; 76" Hamblet.

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

**REAM CUTTERS—One 48" Acme;** 76", 36", 48" Cranston; 55" Seybold; 42" Sheridan.

**BOARD CALENDERS—One 45" Farrel;** 65" Downingtown.

**SUPER CALENDERS—Two 62",** one 53", four 45" stack super calenders.

**PRESSES—Six Hydraulic Presses,** one Boomer & Boschert Screw Press, one Filter Press.

**JORDANS—One Jordan Refining Engine.**

**PUMPS—One 9" x 12" Goulds Triplex,** several triplex stuff and suction pumps; two triplex Hydraulic Pumps.

**SLITTERS—One 50" Black & Clawson,** 110" Kidder, 40" Kidder.

Two Shredders.  
Two 7' x 25' Rotary Boilers, complete with drive.  
Two Kollergangs with stones.

One Lombard Governor.  
Two Centrifugal, two Wandell Screens, twelve Three Pocket Grinders.

One 96" x 14 9/16" Millsbach Suction Roll.  
Two Trombley & Paul Sulphur Burners.  
Four Barkers.

## FRANK H. DAVIS

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

## FOR SALE

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

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

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

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

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

**DRIVES—One Moore & White No. 9 A.**

**DRYERS—26 new shells** 36" dia., 124" face; 3 new shells 36" x 76"; also three 36 x 36 with frames, etc.; four 28 x 62" all ready to set up. Lot of odd dryers.

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

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

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

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

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

**SCREEN—One Wandell screen.**

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

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

**Mills Machine Company**  
LAWRENCE, MASS.

(Continued on page 47.)



(Continued from page 46.)

**HELP WANTED**

**WANTED**—A cylinder machine tender in a three machine mill making rope and jute specialties. Steady work. 8 hours. Good pay. Address Box 316, care Paper Trade Journal.

**WANTED**—First class machine tender in three-tour mill on 120" fourdrinier making fine papers. Address Box 319, care Paper Trade Journal.

**BEATER ENGINEER WANTED** in three tour mill making fine papers. Address Box 320, care Paper Trade Journal.

**WANTED**—Two back tenders for cylinder or fourdrinier machines; eight hours; good pay; steady work; in a three machine paper mill located in Massachusetts. Address Box 297, care Paper Trade Journal.

**WANTED**—Machine tenders, back tenders, and beaterman, for three cylinder machine. Three tours. Steady employment and good pay. None but sober, reliable men need apply. No labor trouble. Address Box 285, care Paper Trade Journal.

**BEATERMAN**—Desire first class beaterman, on ledger, writing and book papers. Beating for two machines making 24 tons per 24 hours. Rate 65c. per hour—8 hours per day. Address Box 63, care Paper Trade Journal.

**SITUATIONS WANTED**

**PRACTICAL COATING MILL SUPERINTENDENT** desires to make a change. Years of experience on all grades of coated paper. Address Box 371, care Paper Trade Journal.

**MILL SUPERINTENDENT WISHES TO MAKE A CHANGE.** Experienced on fourdrinier or cylinder machine. Up to date on all grades of felt sheathing and wrapping papers. Address Box 372, care Paper Trade Journal.

**PAPER MAKER WITH YEARS OF PRACTICAL EXPERIENCE DESIRES POSITION** as superintendent or assistant. Employed, married and sober. References. Address Box 373, care Paper Trade Journal.

**PRACTICAL PAPER MAKER, DESIRES A POSITION AS SUPERINTENDENT.** Young man, small family, strictly sober, honest and industrious. Have had experience as superintendent, also as manager, desires to connect with a mill making wood, bonds, ledgers, kraft, vegetable parchment, water leaf or similar lines. Open for position August 1. Mills desiring such a man investigate. All correspondence strictly confidential. Address Box 374, care Paper Trade Journal.

**PURCHASING AGENT** now employed, wishes to make a change. Six years experience with large paper and pulp manufacturer. Well posted on all lines and acquainted with trade in Eastern and middle West paper making sections. Can furnish satisfactory references, with proofs of ability to organize and maintain a purchasing department along modern and efficient lines. Address Box 358, care Paper Trade Journal.

**MECHANICAL ENGINEER, 16 years' experience** in pulp and paper mills, pulp and paper machinery concerns, construction work, general machinery. Responsible position will be considered only. Reply to Box 359, care Paper Trade Journal.

**HIGH GRADE SUPERINTENDENT WANTS A POSITION.** Can make news, kraft, all water-finished papers, all grades of boards, tests, chip, etc., also tissues and crepe. Know how to turn out quantity and quality. Am very good on repairs and managing help. Address Box 360, care Paper Trade Journal.

**SUPERINTENDENT 24 years' practical experience** on book, sulphite bonds, ledger, waxing, imitation and manifold parchment papers, open for engagement June 15. Organizer capable of handling skilled and unskilled help. Address Box 286, care Paper Trade Journal.

**SITUATIONS WANTED**

**AMBITIOUS YOUNG MAN WISHES POSITION** as assistant superintendent, boss finisher or night boss. Experienced on all grades wrapping, boards, asbestos, roofing and all builders' repairs. Understands machinery and good organizer and handler of help. References. Address Box 341, care Paper Trade Journal.

**A No. 1 FIRST CLASS MAN WANTS POSITION** as superintendent or assistant of mill making fine papers. Well up on all grades of stock. Can get results. At present in charge of five machine mill. Address Box 342, care Paper Trade Journal.

**MISCELLANEOUS**

**ATTENTION PAPER MILLS**—Will pay cash in advance for drop shipments, to southern points, of kraft, machine glaze, No. 1 manilla and screenings wrapping paper in ton quantities and up. The first three in 9 inch diameter small rolls and the screenings in jumbo rolls, 50 lb. and up. Jobbers and selling agents need not answer. Address Box 376, care Paper Trade Journal.

**FOR SALE**—One Black & Clawson jordan in first class condition, also new set fillings for same. Address The Peerless Paper Company, Dayton, Ohio.

**PAPER CUTTING MACHINE FOR SALE** by South Brooklyn Paper & Rag Co., 93 Prospect Ave., Brooklyn, N. Y.

**SECOND HAND MACHINERY FOR SALE**—1 American system Dodge rope drive. 1 Beloit silicate roll section 75" wide. 1 8" Duplex Shurtleuff pump. 1 No. 102 and 1 No. 36 Bundy trap. 1 Beck stapling machine. 2 Rich drag knife machines. All of the above will be sold for the best cash offer received. Make your bids to BIRD & SON, INC., East Walpole, Mass.

**WANTED**—Client wishes to purchase a felt mill or mill which may be readily equipped to make roofing felt. Please describe equipment and quote best price. Address James L. Carey, 208 N. Laramie Ave., Chicago, Ill.

**WANTED**—Paper mill selling agency for New York City district. We can offer first class representation to a mill with good tonnage, selling jobbers, exporters and large consumers. Address Box 375, care Paper Trade Journal.

**SALE OF OLD MATERIAL** at the Navy Yard, Charleston, S. C.—There will be sold at the Navy Yard, Charleston, S. C., material belonging to the Navy, condemned as unfit for use therein, consisting of cloth scraps as follows: 9,734 pounds nainsook, 1,211 pounds cloth cotton, 83,781 pounds drill bleached, 5,300 pounds drill unbleached, 5,073 pounds twill white, 94,357 pounds denim blue, 453 pounds jersey cloth. The sale will be for cash to the highest bidder by sealed proposals to be opened at 10:00 A. M., 28 June, 1918. Schedules containing form of proposals and terms of sale can be obtained upon application to the Supply Officer, Navy Yard, Charleston, S. C. JOSEPHUS DANIELS, Secretary of the Navy. 6-5-18

**WANTED**—Two power paper cutters in good condition for immediate delivery. Automatic clamp—50" and 72". Would be pleased to have particulars of any machines near these widths. Address Gibbs-Brower Co., 261 Broadway, New York City.

**NOTICE OF DISSOLUTION OF PARTNERSHIP**—Notice is hereby given that the partnership lately subsisting between us, the undersigned, doing business under the firm name and style of Morey & Company, and having a usual place of business at 111 Devonshire Street, Boston, Massachusetts, was dissolved on Tuesday, May 14, 1918, by mutual consent. Charles E. Morey, Walter G. Morey, Richard T. Morey.

**BUSINESS FOR SALE**—Profitable and good established paper concern doing approximately \$100,000 worth of business a year, available accounts; owner's other interest, partner called to army. Address Box 343, care Paper Trade Journal.

**MISCELLANEOUS****WANTED Sales Representatives**

To call on large consumers, by mill making a complete line of waterproof wrapping paper and case-linings. Several choice territories open. Commission basis.

Address Box 346, care Paper Trade Journal.

**WANTED Back Tenders**

to come to Dayton, Ohio, transportation paid. Wire quick to

THE AETNA PAPER CO., Dayton, Ohio

**PICKQUICK**

This is IT

The Best

5c

ROLL

in the

U. S.

Write us for samples and prices. Salesman Wanted

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

Your wants are quickly supplied through the use of the classified columns of the

**PAPER TRADE JOURNAL**

Thousands testify to these facts.

# STRATFORD PAPER CO.

MANUFACTURERS OF :: :: JERSEY CITY, N. J. :: ::  
 Fourdrinier Tissues, White and Colored, G. B. Silver, Manifold, Celluloid and Specialties

SOMETHING NEW

## VICARIALUM

For setting color. Can save you 50% of the cost of alum.

Samples furnished upon application. Try it and be convinced. Patent applied for.

**ERIE VICARIALUM CO.**

P. O. Box 25, S. Erie Station Erie, Penna.

## Paper Bag Machinery

Flat and Square : Satchel Bottom

Single and Duplex all Rotary Machines

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

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

We claim to have the fastest machines made.

**LOCKPORT MACHINE CO.,** Wm. Muirhead, Prop.

Lockport, N. Y.

TORONTO TYPE FOUNDRY CO., 70 York St., Toronto, Canada  
 Agents for Canada

CANADIAN-AMERICAN MACHINERY CO., London, England  
 Foreign Agents

## 5000 Tons Hanger Wanted

For the Season 1918-1919

We intend to place our contract within the next 30 to 45 days. Shipments to begin July 1, 1918, and to extend in monthly installments until June 1, 1919. We will be pleased to figure with any reputable concern that may be interested in all or any part of such an order.

**Star-Peerless Wall Paper Mills**  
 JOLIET, ILLINOIS

## IMPERIAL BAGGING CO.

NORFOLK, VA.

Buyers of Bagging of All Kinds.  
 For Sale, Fifty Tons Heavy Scrap Burlap.  
 Why Not Deal Direct?

## EXPORT ONLY

All Grades of PAPER and BOARDS

**A. M. Capen's Sons, Inc.**

Established 1870

60 Pearl Street, New York City

## Of General Interest

Nashua Silfoils are the prettiest and neatest offering you have seen in a long time. They are unusual, very attractive and easy to use. Best of all, they are inexpensive, costing but a fraction of the present price of metal foils. Plain or waxed. The rapidly increasing demand for Nashua Silfoils proves their timeliness and value.

31 different styles, weights and grades shown in our beautiful new sample book. Send for your copy without delay.



**NASHUA GUMMED & COATED PAPER COMPANY**  
 Nashua, New Hampshire

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

## AMERICAN WOODPULP CORPORATION

FOREIGN AND DOMESTIC  
 CHEMICAL and MECHANICAL  
 WOODPULPS

Rags, New Cuttings, Bagging, Etc.

New York—347 Madison Ave.  
 Phones, Vanderbilt 3440-1-2-3

Representatives:  
 Holyoke—J. B. Woodruff, Inc.  
 Kalamazoo—F. D. Haskell  
 Dayton—R. R. Reed

## PAPER STOCK

PACKERS OF ALL GRADES

**Mendelson Bros. Paper Stock Co.**

900 Michigan Blvd.

Chicago, Ill.

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

# Directory

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

### Architects and Engineers.

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

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

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

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

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

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

### Bale Ties.

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

### Boards.

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

### Metal Skylights and Ventilators

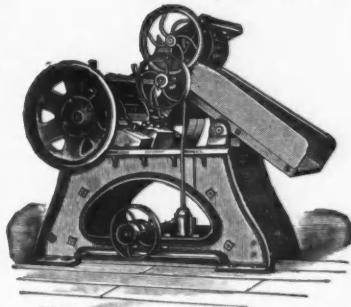
**WE** manufacture metal skylights and ventilators for paper and pulp mills. **E. VAN NOORDEN CO.**, 944-52 Mass. Avenue, Boston, Mass.

### Patent Attorneys.

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

## H. C. CLARK & SON MACHINE CO.

Manufacturers of Paper Mill Machinery,  
LEE, MASS.



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

### Rags, Paper Stock, etc.

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

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

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

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

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

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

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

**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.

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

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

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

**SIMMONS, JOHN, SONS**, Paper and Paper Stock. 28 and 30 South Marshall Street (formerly Decatur Street), Philadelphia, Pa.

### Special Machinery.

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

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

### Straw Pulp.

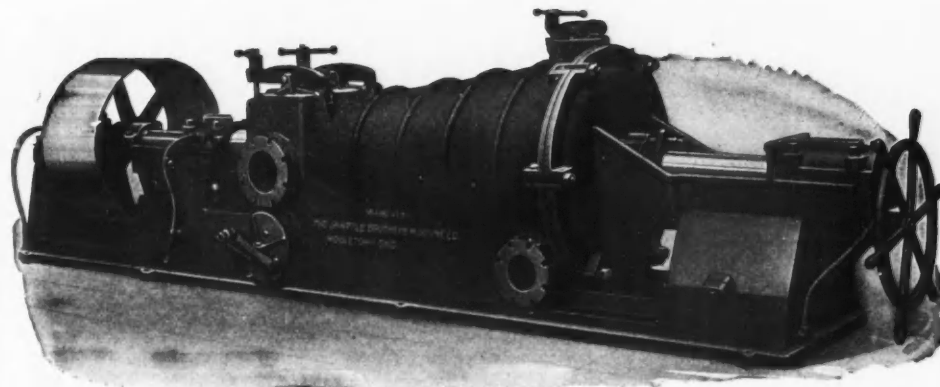
**SCANDINAVIAN-AMERICAN TRADING CO.** Produce Exchange, New York. All other kinds of Pulp.

**PAUL C. ZÜHLKE**  
320 BROADWAY  
EXPORT NEW YORK, N. Y.

## Job Lots, Rejections, Side Rolls Wanted

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

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



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



## New York Market Review

Office of the PAPER TRADE JOURNAL,  
WEDNESDAY, JUNE 12, 1918.

An interesting development in the news print line has occurred during the past week. The recent activity of the German submarines off the Jersey coast presented a most satisfactory excuse for the dailies throughout the country to get out at least one extra edition. The majority of the New York papers got out several extras and thereby caused a strong demand for news print, which completely offset the market for the first week in June, which is usually quiet. Prices for news print remain the same.

The news that the Government had no immediate intention of curtailing production was pleasing to the paper men who are now in more of a position to make their plans for the future.

The demand for all grades of fine papers is still remarkably good and the mills are working hard to supply it. Prices stay up well and an advance on all grades is looked for shortly owing to the increase in freight rates.

There is considerable activity in the market for coarse and wrapping papers of all sorts and a marked shortage is felt of several grades headed by kraft.

Board dealers report a demand far ahead of the present limited supply and see no change in the strong market for some time to come.

### Mechanical Pulp

Prices for ground wood are very firm and a steady demand is felt.

Although water conditions in the North West have become a little easier but are still bad for the manufacture of ground wood users buy just as much this year as they did last.

There is small likelihood of there being any surplus of mechanical pulp in the near future, and with a strengthening demand dealers will shortly begin to ask higher prices.

### Chemical Pulp

All grades of chemical pulp are remarkably active, especially Mitscherlich and kraft, which are far behind the demand.

An interesting rumor is circulating in the trade to the effect that a certain firm of importers have made arrangements by which they are again able to bring Swedish pulp into this market profitably. It is understood that no pulp has arrived as yet, and the truth of the rumor could not be learned as the concern would neither deny nor confirm it.

### Rags

Just when the top of the present boom in rags will be reached cannot be told as yet, but there are no signs of change in the strong bull market so far. Some mills are holding out against present quotations, but there is small doubt they will have to come to them as the prices are based on an actual scarcity of rags.

All grades, very nearly, are listed higher again this week, No. 1 Silecias taking the biggest jump perhaps. They are now priced  $8\frac{3}{4}$ @9c.

Roofing rags and all the poorer grades are the duldest in the rag line; new cuttings and all the higher class goods being in the best demand.

### Bagging

Bright, No. 1 scrap and sound bagging, all showed a slight increase in asking prices during the past seven days. With these exceptions, however, no price changes have been noted.

The market has been a little less active this week than last, and while a number of nice orders have been placed, there hasn't been quite as much activity as during the previous week.

The majority of the various grades of bagging are rather scarce, and another improvement in the demand will again occasion an upward revision of the scale of prices.

### Paper Stock

Several items on the paper stock list are being quoted at slightly higher prices. Shavings, hard white No. 2, and soft white No. 1; stitchless and solid flat book, flat stock. No. 1 white news and common paper are all held at slightly advanced figures. News, generally speaking, continues the duldest on the list, but all grades continue in good demand.

## NEWS PRINT HEARING CONCLUDED

(Continued from page 12.)

We will be here 40 years from now and won't have it. This talk about the contract is all buncombe, all guff thrown up in the air to make somebody think there is something."

In connection with being before the Federal Trade Commission under duress, Mr. Wise said:

"Now, there is one other question that I think has been well settled, and if I fail to make that clear in my argument, my good friend, Judge Davis, cleared it up completely, and that is that the signers of this agreement are not here voluntarily, but that they are here under duress. Judge Davis could not deny the proposition that they were here under duress, so he jumped in with us and said that they were both here under duress. I think that that has dawned on them now, and that his clients are regretful of the fact that they have forced this issue; that they have brought the facts in this case to the light, and that they have disclosed that this industry has been imposed upon for years, and that it has been plundered by them for years, and now that the industry is likely to get a fair return they are sorry for it; and so he begins to holler that he is here under duress." Getting hot on the trail of the publishers, Mr. Wise continued:

"At the very outset of this proceeding, I dragged from Mr. McIntyre—reluctantly he gave it up—a bulletin prepared by him, and his paper committee, which was sent to a member of the American Newspaper Publishers' Association, in which they said: 'Don't buy any paper; don't contract for any paper; don't let these robber barons rob you at three cents; we are going to get a price of 2.85 from the Federal Trade Commission. Buy spot sales. There is plenty of paper and we have hoarded 300,000 tons of it.'

"Now, that is the evidence in this case as to the condition of the market, and my dear friend (Mr. Gregory) gets up here and says that there won't be any competition, because of the great demand and the short supply. Now, where did he get that? What witness testified to it? Talk about trusts; talk about combinations in restraint of trade; talk about boosting prices; talk about influencing the market. Here, an organization with 800 members, keeping in exact and perfect touch with the entire industry, requiring every member of its association to report to this paper pool—paper organization—every contract made, knowing every ton of paper that is manufactured, and every ton of paper that is sold, and every ton of paper that is hoarded, and advising every consumer of those facts, and urging them not to buy paper, not to contract for paper, but wait until we have the Federal Trade Commission fix the price at 2.85, and then you can buy, and the market is going to be soft. Now, that is the evidence in this case."

## Norwegian Success with Paper Fabrics

The Nydalens Company, one of Norway's leading textile manufacturers, has for some time been experimenting with paper textiles, and the results have been so good that its factory will soon produce these new fabrics on a large scale, says Commercial Agent Norman L. Anderson, Copenhagen, Denmark. They consist of 75 per cent. paper and 25 per cent. cotton and are said to be soft and warm; a little heavier than ordinary cotton goods and not quite so strong, but cheaper. They should be especially suited, says the Norwegian press, for blouses, dresses, curtains, and, in short, as a substitute for cotton goods in general.



IMPORTANT

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

Market Quotations

NEW YORK Trade Securities

Bids and asked quotations of securities listed on the Stock Exchange of companies engaged in the manufacture of paper as reported on June 12, 1918, as follows:

Table listing securities with columns for Bid and Asked prices. Includes American Writing Paper Company, International Paper Company, and Union Bag and Paper Corporation.

Paper

Table listing various paper products like Bond, Ledgers, Writing, and News-f. o. b. Mill with prices.

Table listing News-f. o. b. N. Y. products like Rolls, Sheets, and Side runs.

Table listing Book-f. o. b. N. Y. products like S. & S. C., M. F., and Coated and Enamel.

Table listing Tissues-f. o. b. N. Y. products like White, Manila, and Kraft.

Table listing Kraft-f. o. b. N. Y. products like No. 1 Domestic, No. 2 Domestic, and Imported.

Table listing Manila products like No. 1 Jute, No. 2 Jute, No. 1 Wood, No. 2 Wood, and Butchers'.

Table listing Fibre Papers products like No. 1 Fibre, No. 2 Fibre, Card Middles, and Common Bogus.

Table listing Boards, per ton, f. o. b. N. Y. products like News, Straw, Chip, Binders Board, Manila Lined C.P., Wood Pulp, and Tag Board.

Mechanical Pulp

Table listing Mechanical Pulp products like No. 1 f. o. b. Pulp Mill.

Chemical Pulp

Table listing Chemical Pulp products like Sulphite (Foreign), Sulphite (Domestic), and Sulphate.

Table listing Domestic Rags products like Mitscherlick, Kraft (Domestic), and Soda Bleached.

Domestic Rags

Table listing Domestic Rags products like Shirt Cuttings, Cottons, Whites, and Roofing Stock.

Foreign Rags

Table listing Foreign Rags products like New White Cuttings, Unbleached Cottons, Light Flannelettes, and Dutch Blue Cottons.

Bagging

Table listing Bagging products like Gunny No. 1, Domestic, Foreign, Bright Bagging, and Mixed Bagging.

Table listing Manila Rope products like Foreign, Domestic, New Bur. Cut, and Hessian Jute Threads.

Twines

Table listing Twines products like India, Dark, Light, B. C., Italian, Finished Jute, and Jute Wrapping.

Table listing Paper Makers' Twine products like No. 1, No. 2, and Sisal Lath Yarn.

Old Waste Papers

Table listing Old Waste Papers products like Shavings, Flat Stock, and Manilas.

CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Paper

Table listing Paper products like Mill Price to Jobbers, No. 1 Rag Bond, No. 2 Rag Bond, and News-Sheets mill.

Old Papers

Table listing Old Papers products like No. 1 Hard White, No. 1 Soft White, No. 2 Soft White, and No. 1 Mixed.

PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Paper

Table listing Paper products like Bonds, Ledgers, Writings, Superfine, Extra Fine, and Book, S. & S. C.

Bagging

Table listing Bagging products like Gunny No. 1, Foreign, Domestic, Scrap Burlap, and Wool Tares.

Old Papers

Table listing Old Papers products like No. 1 Hard White, No. 2 Hard White, No. 1 Soft White, and No. 2 Soft White.

(Continued on page 54.)

# Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

## NEW YORK IMPORTS

FOR THE WEEK ENDING JUNE 11, 1918.

### SUMMARY.

Cigarette paper .....	266 cs.
Filter paper .....	94 cs.
Miscellaneous paper .....	15 cs.

## CIGARETTE PAPER.

American Tobacco Co., Marseilles, 17 cs.
American Tobacco Co., Bordeaux, 100 cs.
Rose & Frank, Bordeaux, 26 cs.
P. J. Schweitzer, Bordeaux, 20 cs.
F. B. Vandergrift & Co., Bordeaux, 10 cs.
C. Drucklieb, Bordeaux, 38 cs.
Rose & Frank, Bordeaux, 24 cs.
Liggett & Meyers Tob. Co., Bordeaux, 31 cs.

## FILTER PAPER.

J. Manheimer, Bordeaux, 54 cs.	
E. Fougere, Bordeaux, 40 cs.	
PAPER.	
American Express Co., Marseilles, 15 cs.	
PAPER STOCK.	
E. J. Kellar & Co., Marseilles, 72 bis. old rope.	
CHINA CLAY.	
—, from England, 4,232 casks.	
—, from England, 3,470 tons.	

## BIDS AND SPECIFICATIONS

(Continued from page 20.)

and 6,000 pounds (30 reams) of 22½ x 28½—100, blue cardboard, will be furnished by the Maurice O'Meara Company, at \$29 per 1,000. The Megargee-Hare Company will furnish 2,000 pounds of rope manila paper in 9½-inch rolls, basis of 24 x 36—70, at \$11½ per pound. Bids for all of these items were opened on May 22.

17,500 pounds (200 reams) of 21 x 32½, No. 48 yellow commercial ledger paper, will be furnished by Stone & Andrews, at \$18½; and 500,000 pounds of white M. F. printing paper in 38-inch rolls, basis of 25 x 38, will be furnished by the Bryant Paper Company, at \$07½. Bids for these items were opened on May 27.

The King Paper Company will furnish 134,000 pounds (1,000 reams) of 38 x 48—134, double-coated book paper, at \$0875 per pound, bids for which were opened on May 31.

### Bids for Panama Canal

The following bids were opened last week by the Purchasing Officer of the Panama Canal:

100 reams (50,000 sheets) of 22½ x 28½—100, manila tag paper; Bishop Paper Company, at \$1,347.00; George W. Millar & Co., at \$1,300.00; Old Dominion Paper Company, at (a) \$1,119.00 (b) at \$1,359.00 (c) at \$879.00; Virginia Paper Company, at \$749.00; J. Webritte, at \$1,149.00; and R. P. Andrews Paper Company, at \$1,000.00.

### Bids for Navy Department

Bids are to be opened on June 17 by the Bureau of Supplies & Accounts, Navy Department for the following typewriter correspondence paper, 8 x 10½", 4½"; 20,000 reams for the Brooklyn navy yard; 10,000 reams for the Philadelphia yard; and 4,000 reams for the Norfolk yard.

## Fear About Coal in Philadelphia

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, June 10, 1918.—Indirect indication that Government curtailing of production in the paper and allied interests may be applied first to manufacturers of paper board boxes is giving some concern to jobbers and manufacturers in this district. At the same time both fine and coarse paper dealers are without information as to where the industry is to be placed in the fuel priority lists.

Announcement of this list was made at the convention of the National Coal Association held in this city. It provided for a classification that in itself gives no indication of what industries are to be included in the last class. This class, however, is to get coal only after all other classifications on the lists have been provided for. It is obvious that where coal cannot be obtained output must be reduced.

Following this announcement the National Association of Hosiery & Underwear Manufacturers has notified its members that the Government is strongly urging hosiery makers to abandon the use of boxes and to pack in paper. The object of this move

is to conserve box car and cargo space. Specifications for the baling of hosiery, made public some time ago for export on Government orders, have been extended to all Government orders for delivery in this country.

Harvey L. Pratt, vice-president of the coarse paper section of the National Association, told the correspondent of the PAPER TRADE JOURNAL this week that there seems to be little doubt of a Government determination to cut down production.

"Evidently this is to be done," he added, "through curtailment of coal supplies and transportation. The idea, of course, is to save labor and coal. But just how curtailed production is to save labor in the paper industry has not been made quite clear as yet. It takes a certain number of men to run a machine, so that no saving can be effected by cutting down its production. Eliminating shifts of workers would hardly work, because it would not be worth while to run a mill on one shift, closing down every night, in most instances.

"The National Association, however, stands squarely behind the Government in any move made to win the war. All paper dealers and manufacturers realize that we are at war and that half measures will not do if we are to win."

## Fire in Pulp Mill at Lisbon Falls

LISBON FALLS, Me., June 6, 1918.—Fire broke out in the beater room of the Pejepsco paper mill, shortly before eleven o'clock Wednesday morning and burned briskly for more than an hour. The fire was caused by a spark which flew from a hot box and ignited some grease close by.

The loss of about \$1,500 was caused chiefly by water and broken glass, which fell from the roof, cutting the wires in the beater room.

## J. R. Booth Acid Plant Almost Completed

[FROM OUR REGULAR CORRESPONDENT.]

OTTAWA, Ont., June 11, 1918.—J. R. Booth Co. at Chaudiere has a new acid plant almost completed and it is expected that it will be running in a week or so. C. J. Booth said the new plant was needed to keep up with the demand for acids, owing to the increased production of the mill. When asked how things were running today he said they were fair.

## Paper Company Buys Land

ASTORIA, Ore., June 3, 1918.—A deed was filed for record today showing that James Bremner has sold 3,140 acres of timber land in the Young's River district to the Crown Willamette Paper Company. While the consideration named in the deed is only nominal, the revenue stamps indicate the price was about \$18,000.

## Toronto Paper Mfg. Co. Meets

TORONTO, Ont., June 10, 1918.—At the annual meeting of the Toronto Paper Manufacturing Company, recently, R. S. Waldie was re-elected president. The company have opened a board room in the Mail Building, Toronto, adjoining their sales office.

DAILY CAPACITY 300 TONS

# MAIN PAPER STOCK CO., INC.

SPECIAL GRADERS OF PAPER STOCK  
NEW AND OLD COTTON RAGS

*If you have special requirements we can certainly please you.*

Branch, 321 Pearl St.

25-27-29-31 Peck Slip

New York City

## MARX MAIER, Inc.

200 FIFTH AVENUE NEW YORK

FOREIGN AND DOMESTIC

New and Old Linen and Cotton Rags  
Jute Stock, Flax and Cotton Waste

## Atterbury Brothers

(INCORPORATED)

Wood Pulp, Rags and Paper Stock  
French Caseine

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Don't Guess at Important Matters  
**BOWSHER'S** SPEED or MOTION INDICATOR  
IS INDISPENSABLE

In obtaining a UNIFORM speed of machinery, and is one of the most PROFITABLE little devices ever put in a mill. Will pay for itself in 30 days. Dial 12 in. in diam. Weight, 10 lbs.  
The N. P. Bowsher Co., South Bend, Ind.

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UNITED STATES TALC CO.

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**E. J. KELLER CO., Inc.**  
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Importers and Dealers

New and Old Cotton and Linen Rags,  
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Ropes, Flax Waste, Cotton  
Waste, Paper Stock, Wood  
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## DILLON & BARNES

Paper Mill Products and Supplies

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Telephone, 7353 Murray Hill

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All Grades of Rags and Paper Stock

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FOREIGN AND DOMESTIC

Paper Stock  
New Cuttings  
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Rags

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Stock,

Sizing, Sulphite

and Soda Pulps

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**CASTLE, GOTTHEIL & OVERTON**







# The Mathieson Alkali Works, Inc.

WORKS AT

SALTVILLE, VIRGINIA, and at  
NIAGARA FALLS, NEW YORK

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## “Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

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

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## LIQUID CHLORINE

Pure, anhydrous, in improved and convenient packages.

### Soda Ash

48 per cent. and 58 per cent.

### Caustic Soda

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

### Bicarbonate of Soda

Packed in Kegs, Barrels or Bags; also Cases

## Arnold Hoffman & Company, Inc.

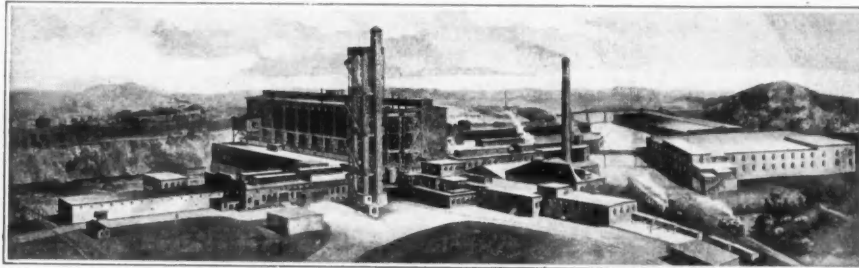
SOLE AGENTS

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

# BROWN COMPANY

FORMERLY  
Berlin Mills Company  
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GENERAL  
OFFICE  
PORTLAND,  
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NEW YORK  
OFFICE  
233 B'WAY.  
MILLS AT  
BERLIN, N.H.

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



## The Feeney Automatic Stuff Box

The Feeney Automatic Stuff Box as here illustrated, is becoming more and more popular daily as is manifest by the repeat orders we are receiving. We are the sole manufacturers. Write us for particulars.

**BAKER MANUFACTURING CORPORATION**  
Formerly  
**BAKER & SHEVLIN CO.**

Saratoga Springs, N. Y.

**Beating Engines**  
**Washing Engines**  
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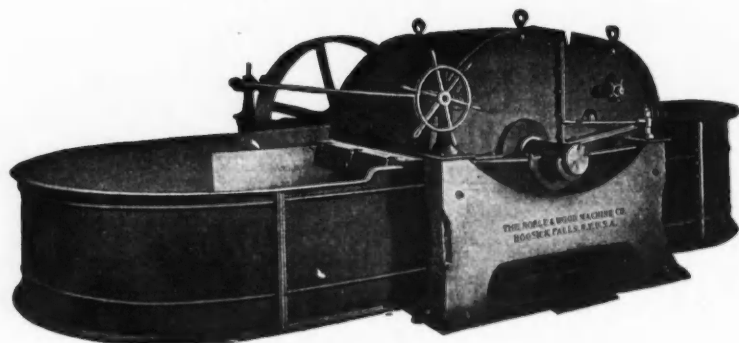
Wood or Iron Tubs; adapted  
to every paper mill condition

**Jordan Engines—**

(5 Sizes)

**Board Machines**

Stuff Chests, Dusters, Pumps, Etc., Etc.

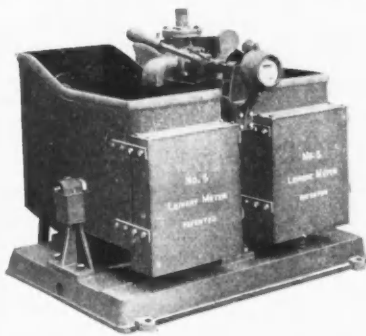


**The Noble & Wood Machine Co., Hoosick Falls, N. Y.**

# HALL, WARD & WALKER, Inc.

Wish to notify the trade that upwards of 750 cords per day are now being ground by the H W & W process. When licenses are granted for 250 cords additional the minimum fee will be advanced to 25 cents per cord.

Hall, Ward & Walker, Inc. Sherman Bldg. Watertown, N. Y.



“MORE THAN A METER”

## The Improved Leinert Automatic Liquid Gravity Scales (PATENTED)

A Simple-Positive Mechanical Balance for Recording by Weight. Recommended for WATER—JUICES—BRINE—CAUSTIC SOLUTIONS and LIQUIDS of all descriptions.

Not Affected by Temperature Changes or Variations in Specific Gravity. Special Scales to Meet Your Requirements. WRITE US YOUR SERVICE CONDITIONS.

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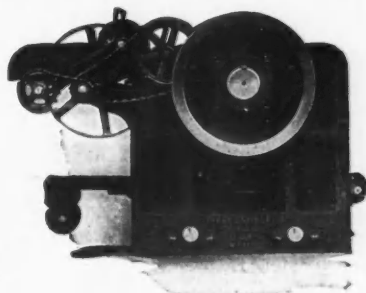
New York City

# Don't Use Your Beaters For Rag Cutters

Put in a



and cut your stock  
thoroughly and evenly



Capacity 2 Tons per  
hour

Weight 8500 lbs.  
For Roofing and Felt  
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NO. 11 TRIPLEX



Canadian Manufacturers Under Patents: WATEROUS ENGINE WORKS CO., Brantford, Ont., Can.  
J. MARX & CO., London, E. C., sole agents for the United Kingdom.

# PULP STONES

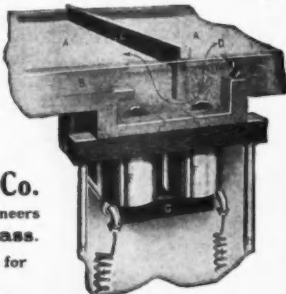
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**FOR SALE**  
 GROUND SPRUCE AND  
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**Missisquoi Pulp & Paper Co.**  
 SHELDON SPRINGS, VT.

Improve Your Paper by using

our  
**Iron Extractor**  
 which takes out the  
 iron particles.



Sent on approval  
**The Roland T. Oakes Co.**  
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"SAFETY FIRST"

"MADE RIGHT IN AMERICA"

## "NATIONAL ROPE DUPLEX"

made especially for wrapping Book Papers, etc., is the strongest Water-proof Case Lining Paper in the world. Made in either sheets or rolls. Send for samples.

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 1054-1056 Drexel Building, Philadelphia, Penna.

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The Quality Mark  
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The Filters that never require  
 a renewal of the Filter Bed  
**HUNGERFORD & TERRY, INC.**  
 Engineers and Manufacturers of Water Filters  
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13 YEARS' EXPERIENCE IS BUILT INTO OUR  
**SLITTING AND REWINDING  
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CAMERON MACHINE CO., BROOKLYN, N. Y.

## CENTRAL MANUFACTURING COMPANY

THE QUICK SERVICE HOUSE KALAMAZOO, MICH.

Manufacturers of

High Grade Brass and Bronze Screen Plates and Dandy Rolls

OLD PLATES  
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DANDY ROLLS AND  
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Secure Our  
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We Can  
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**CHEMICALS**  
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**MARDEN, ORTH & HASTINGS CORP.**

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IMPROVED HIGH SPEED MACHIN-  
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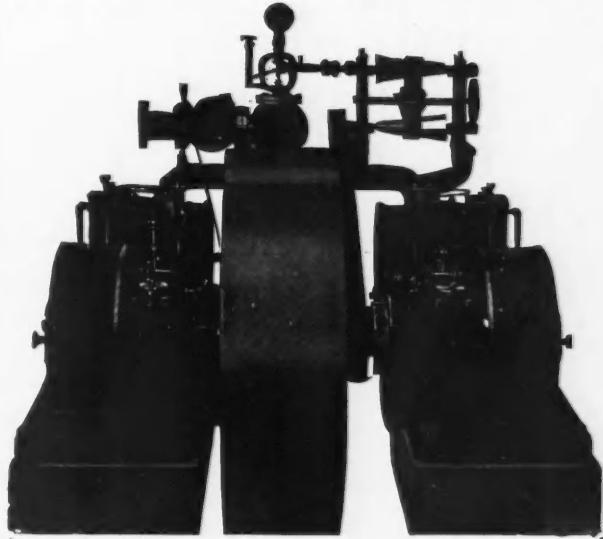
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OF EVERY STYLE OF BOTTOM  
FOR LINED AND UNLINED BAGS

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**Are You Getting Maximum  
Production from Your  
Paper Machine?**

Or do you lose time making speed changes or because of a variable speed drive that lays down on the job every so often.

**GET THE MOST OUT OF YOUR  
PAPER MACHINE BY USING A**

**Ball Variable Speed Engine**

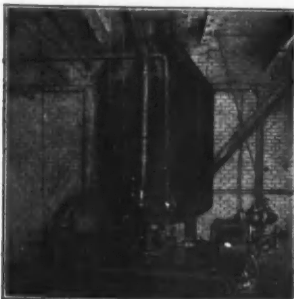
The twist of a handwheel changes the speed to any desired amount—*instantly*.

But the outstanding feature of the Ball Engine is its *dependability*.

We'll be glad to go over the matter with you.

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**Ball Engine Co. Erie, Pa.**



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

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IN THE UNITED STATES

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Manufacturers  
Main Office:  
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**WOOD DISHES**

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### EVAPORATOR

In Mills of West Virginia Pulp & Paper Co.—12 Zarembo installations demonstrate Zarembo success in the soda pulp field.

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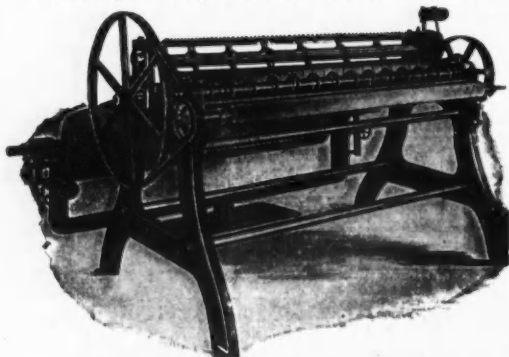
## Taggarts Paper Co.

MANUFACTURERS OF  
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MAIN OFFICE  
Sherman Bldg., WATERTOWN, N. Y.

## The “Dietz” Toilet Paper Machines

For making Toilet Paper Rolls with or without perforations



Self-Adjusting—Easy to Operate  
WE ALSO MANUFACTURE

### AUTOMATIC TUBE MACHINES

FOR MAKING TUBES FOR TOILET PAPER ROLLS  
CAPABLE OF PRODUCING 3,600 WIRE STITCHED  
TUBES PER HOUR

Also machines for making Sanitary Crepe Paper Towels, Slitting and Rewinding Machines, Drop Roll Slitters, Side and Center Seam Merchandise Envelope Machines, Photo Mount Beveling Machines, Candy Bag Machines, Punch Presses for Playing Cards, Rotary Card Cutting and Collating Machines, Etc. CORRESPONDENCE SOLICITED.

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## FOURDRINIER WIRES

In All Widths Up To And Including 250 Inches

CYLINDER FACES

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In Brass, Bronze And Phosphor Bronze

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Also Manufacturers of  
TYLER “Double Crimped” Wire Cloth and Mining Screens

## S. A. Ryan Paper Co.

SUCCESSORS TO

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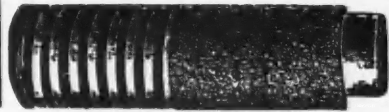
## GRAND LAKE BAGS

Wrapping Papers, Toilet Papers, Tissue  
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GENERAL OFFICES:

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**WYCKOFF  
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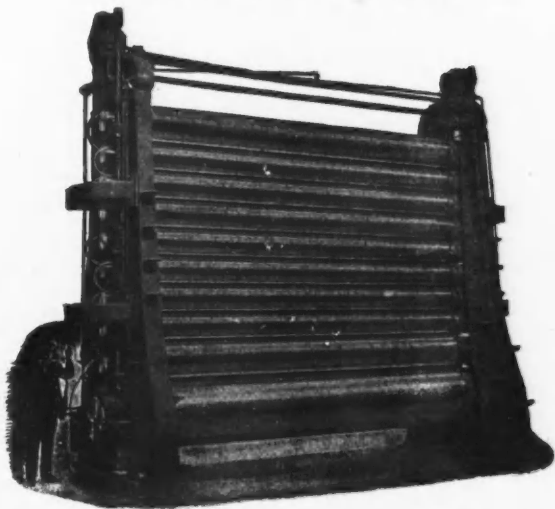
**OUTLASTS ANY  
METAL PIPE**

**WYCKOFF WOOD STAVE WATER PIPES** will not rust—resists freezing much longer than metal and will carry 14% more water than metal pipes of same diameter. Made in sizes up to 48" in 6 to 12 foot lengths—they cost less and are easily laid by unskilled labor. **WYCKOFF PIPE** makes an ideal Paper and Pulp Mill pipe where the pressure does not exceed 172 lbs. per square inch. Send for catalog.

**A. WYCKOFF & SON CO.** *Makers for 62 Years* **ELMIRA, N. Y.**

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ANSONIA, CONN., U. S. A.  
LARGEST MANUFACTURERS IN THE WORLD OF  
**CHILLED ROLLS**



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WITH PATENT HYDRAULIC LIFT  
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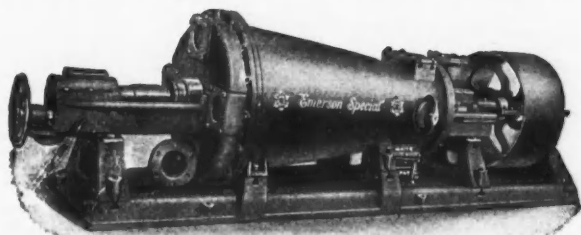
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High Grade Fourdrinier Tissues — Special Wrapping — Folder Stock — Light Weight Boards—Index Bristols—Card Middles—Fine White and Colored Card Board—Ticket-Tag Board—White and Colored Blanks and Specialties.

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See the Second-Hand Machinery ads and note the  
ABSENCE of

**EMERSON  
BEATING ENGINES**

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

**The "EMERSON" JORDAN**

does its work with half the power required by others of  
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FOR

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# PARSONS Pulp & Lumber Co.

EDWIN J. DEWEY, Manager Pulp Sales

Office, 1807-1810 Finance Bldg.,  
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Mill at  
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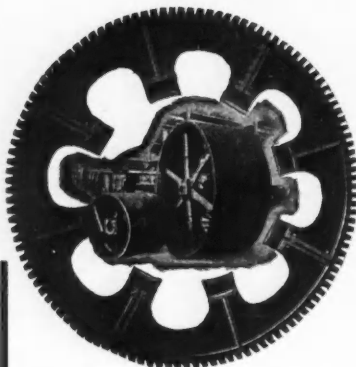
are always made with the "Hamilton Felt"—absolutely the best results are obtained from its use. No wrinkling, no slack edges, "no blowing"—runs equally well on fast or slow machines.

Send us a trial order now, with particulars as to stock used, quality of paper made and speed of machine.

**SHULER &  
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# Power-Transmitting Machinery



We cast and finish *Sheaves (with English or American grooves)*, Pulleys, Band Wheels, Fly Wheels, Gears, Sprocket Wheels, &c.

We design and manufacture complete rope drives. Our machine-molded sheaves are perfect in balance, accurately

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## H. W. Caldwell & Son Co.

Chicago, Western Ave., 17th-18th St.  
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## Webster Planing Mill Co.

Special attention given to Paper Mill Supplies

Suction Box Covers	Skinning Sticks	Spool Lumber
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FOR EVERY PURPOSE

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40 YEARS' EXPERIENCE

## The Union Sulphur Company

Producers of the Highest Grade  
Brimstone on the Market . . .

ABSOLUTELY FREE FROM ARSENIC OR SELENIUM

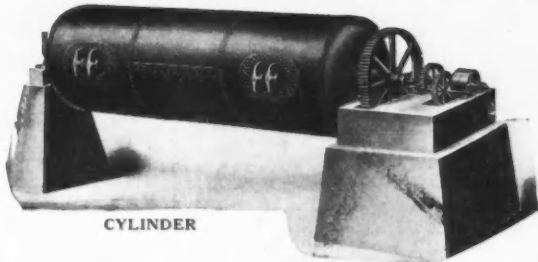
## The Largest Sulphur Mine in the World

CALCASIEU PARISH, LOUISIANA

Main Offices: Whitehall Bldg., 17 Battery Place, New York



# Specify "BIGGS" Rotaries



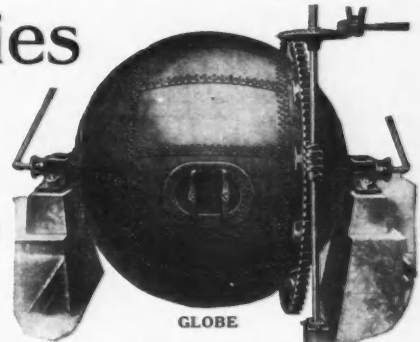
CYLINDER

in "your" next installation!

*There's a Reason*

Steel pressure and storage tanks for every purpose

WRITE FOR PRICES



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The Biggs Boiler Works Company : Akron, Ohio, U. S. A.

## THE C. L. LABOITEAUX COMPANY

We call the attention of the Jobbing Trade to our unequalled facilities for prompt shipment of

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

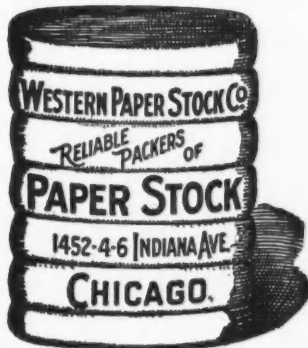
CINCINNATI

CHICAGO

NEW YORK

CLEVELAND

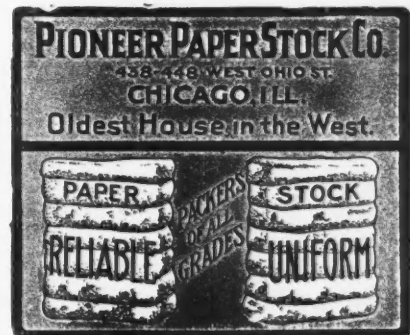
Write for our new Blue Book, just issued, containing valuable information in regard to Box Boards, Paper and Specialties.



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Or have you some machinery you would like to dispose of?

Try the Want Pages  
of the  
Paper Trade Journal



## Head Gate Hoists

ALL TYPES

Dayton Beater & Hoist Co.  
Dayton, Ohio

For reliable running and average long life

## Lindsay Fourdrinier Wires

ARE UNSURPASSED

We make them for the largest and fastest machines. Cylinder Wires all sizes.

The Lindsay Wire Weaving Co.  
COLLINWOOD STA CLEVELAND, OHIO.

**ALUM**  
**FOR THE PAPER MAKER**  
 Manufactured by  
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**GRISSINGER**  
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 Wire Stitched Tube  
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 PHILADELPHIA, PA.

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 Cuts to length all kinds of heavy Sheet Stock, Fiber and Wall Board. Gives Uniform Sheet Lengths, Clean Out Edges. No Buckling of Web.  
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<b>3 and 4 POCKET GRINDERS</b>	<b>SCREENS</b>
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Will make all kinds of waxed and waterproof paper with finest finish and fastest speed.

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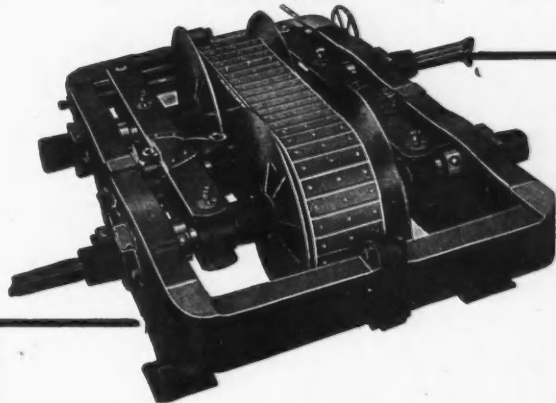
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It will instantly get the exact speed desired for producing the maximum output of your slitters, winders, rewinders, etc. It will pay for itself in the first few months and then it will pour a steady stream of profits into your bank account.

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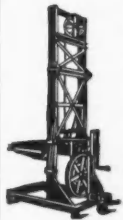
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All kinds of

PAPER STOCK, COTTON WASTE  
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They are all saving time,  
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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.

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Guaranteed to Be Absolutely Clean and Pure  
**SHIPPED IN BARRELS and TANK CARS**  
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is the purest, strongest and highest free rosin size made. We can furnish you with an ideal rosin size and patented apparatus to use same.

OUR VERA MILL SIZE

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

OUR VERA BEATER SIZE

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

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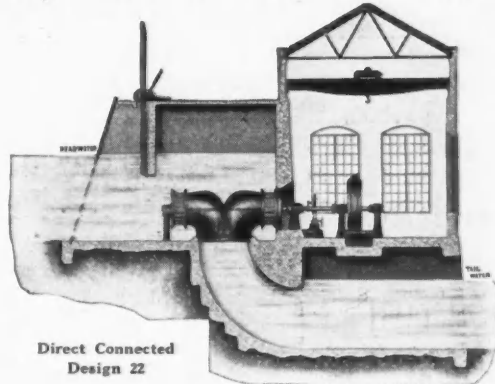
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VERTICAL AND HORIZONTAL DESIGNS

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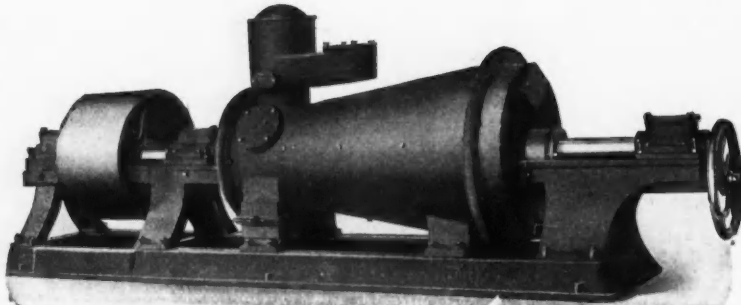
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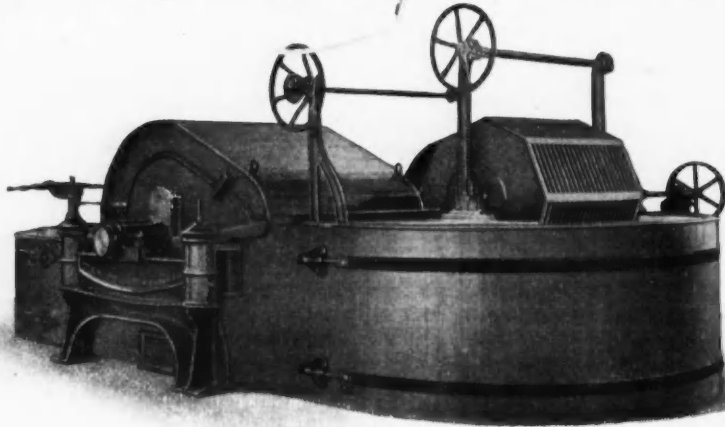
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Our latest Improved Machine, three sizes; belt or direct connected motor driven. All Bearings self-oiling, adjustable and water-cooled. Outside stand fitted with gauge to keep the plug central with the shell.

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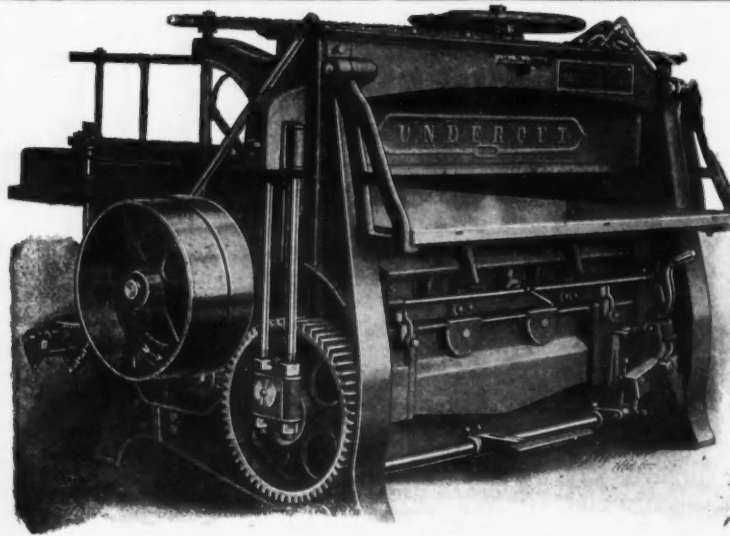
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The Paper Mill Cutter, combining the highest degree of accuracy, speed and simplicity for the most exact trimming.

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

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

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

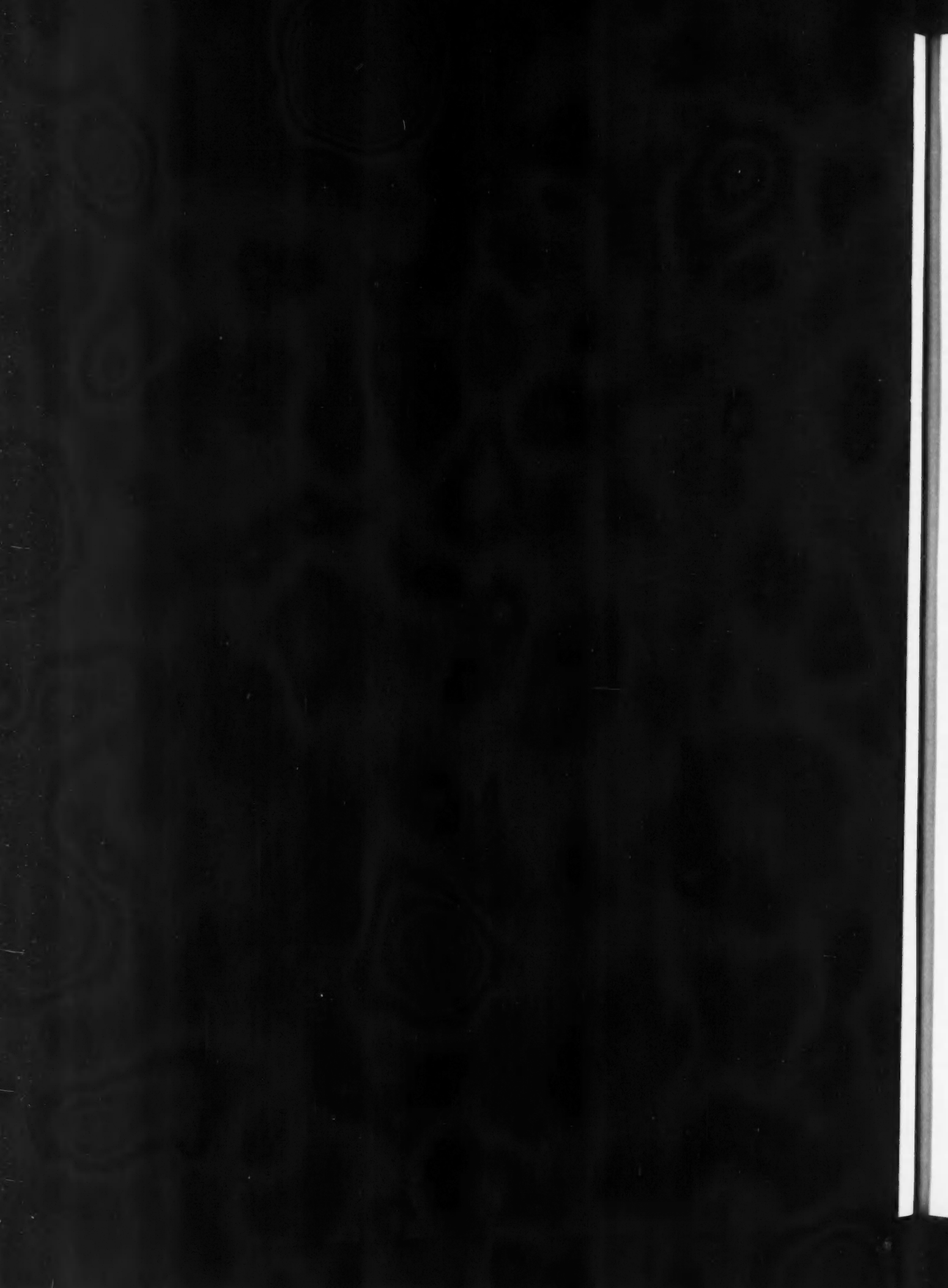
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Brittle and easily soluble. Cheapest size out. Cheaper than mill made size. Also our hot and cold water sizes; standard quality. Cleaner, more uniform and economical than either mill made sizes or those offered by our competitors. Also Arabol Paper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

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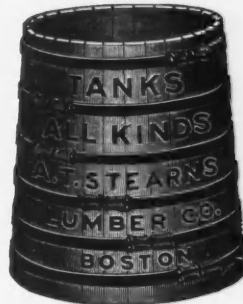
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Manufacturers of All Special Small Roll Products

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### Tanks of Cypress or Yellow Pine



### Heavy Paper Mill Work

A SPECIALTY

OUR AIR DRIED CYPRESS IS REMARKABLE FOR ITS GREAT DURABILITY

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

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## SCREENING GRINDER "SUCCESS"

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

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**"Appleton Wires  
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