ER TRADE JOU "THE CONSUMPTION OF PAPER IS THE MEASURE OF A PEOPLE'S CULTURE"

Telephone: "1661 CORTLANDT," Cable Address: "PARSOBROS," NEW YORK.

PARSONS BROTHERS.

PAPER MERCHANTS AND EXPORTERS.

257 Broadway, New York.

171 Queen Victoria St., Stock Exchange Building, LONDON, E. C.

SYDNEY, N. S. W.

44 St. George's St., CAPE TOWN, S. A.

EXPORTERS of All Grades of Paper, Boxboards, Card-boards, Printing Machinery and Supplies required for PRINTERS and PUBLISHERS.

MILL AGENTS

APER

328-329-330 Monadnock Building, CHICAGO

WAREHOUSE STOCKS

Round Lots - MILL SHIPMENTS.
Papers Furnished to Meet Special Requirements.

EDT æ

ANILINE COLORS and DYESTUFFS for Paper Mills.

SOLE AGENTS FOR JOSEPH PORRITT & SONS' Felts and Jackets

Also ULTRAMARINE BLUE, SAP BROWN, ROLL CLOTH, CANVAS DRYER FELTS.

TRADE MARK. No, 194 FULTON STREET, NEW YORK CITY, U.S. A.

GO. ALL GRADES OF

Office and Warehouse:

174 Duane St., NEW YORK.

KUTTROFF, PICKHARDT & CO.,

Importers of Dyestuffs, Chemicals and Colors.

Sole Importers of the products
manufactured by
BADISCHE ANII.IN- & SODA-FABRIK,
LUDWIGSHAFEN O/RHA GERMANY.

BRANCH OFFICES:
BOSTON, 158 Milk Street.
PROVIDENCE, 50 South Water Street.
PHILADELPHIA. 207 Chestnut Street.
CHICAGO, 207 Michigan Street.

128 DUANE STREET, NEW YORK.

MOODY & BERMINGHAM CO.

1220-1226 Tribune Building, CHICAGO.

MANUFACTURERS' AGENTS

Book and Printing Papers.

CARLOAD LOTS AND TIME CONTRACTS SOLICITED.

Balanced Shaking Screens

FOR CLEANING PULP CHIPS

THE AULTMAN GO., Canton, Ohio.

Otto P. Schwarzschil

45 BEEKMAN STREET, NEW YORK,

Importers of and Dealers in

Paper Manufacturers' Supplies | H. C. Hulbert & Co.

Wholesale Dealers in Paper. | M. Plummer & Co.

I RAIN, SMITH COMPANY

Paper Mill Supplies

HIGH-GRADE BOOK, PLATE AND LITHOGRAPH ALSO NEWS, MANILLA AND TISSUE

24 FEDERAL ST., BOSTON. Branches: New York, London, Liverpool.

ROSIN -- Headquarters.

Selected Clean Rosin for Paper Makers.

C. B. TURTON CO.

DEXTER

CROWN FILLER CHINA CLAY

Waldhof Sulphite Pulp

SODA PULP SIZING

FOREIGN LINENS AND COTTONS AND DOMESTIC RAGS SPRINGFIELD, MASS.

P. BERLOWITZ CO.

94 Thompson Street, New York.

RAGS, PAPER STOCK, ETC Representing GUSTAV EMANUEL, Nachf., Berlin.

Warehouses: 246 N. Delaware Ave. PHILADELPHIA

A. WERTHEIM & CO. HAMBURG, GERMANY

WOOD PULP EXPORTERS

iso Importers of SULPHITE AND SODA PULPS

SIGMUND GOLDMAN, Agent for the U. S. and Canada, 99 Nassau St., New York

FOR GEARING

SPURS, BEVELS, MITRES, &c. CAST IRON, BRASS OF STEEL

OF ALL KINDS

Townsend Foundry and Machine Co., ALBANY, N.Y.

(ASBESTOS PULP).

Newly developed mines and improved methods of manufacture. Producers of grades to suit all requirements for Domestic and Export Trade.

OFFICES

THEOTHEN O

COLUMBIAN TALC CO., SUCCESSOR TO
Mines and Mills - - GOUVERNEUR N

149.BROADWAY, NEW YORK.

WHITMORE MANUFACTURING CO., HOLYOKE, MASS.

COATED LITHOGRAPH AND CHROMO PLATE

PAPERS AND CARD BOARD.

WHITE, TINTS AND COLORS.

PASTED WEDDING BRISTOL A SPECIALTY.

MERRIMAC PAPER CO., LAWRENCE, MASS.

COATED AND LITHOGRAPH

ENAMELED BOOK AND LABEL, MACHINE DRIED WRITINGS. SUPERCALENDERED AND MACHINE PINISH BOOK.

PAPERS.

Samples and Quotations on Application.

FELTS AND JACKETS

F. C. HUYCK AND SONS.

ALBANY, N. Y.

West Virginia Pulp and Paper Company,

BLEACHED SPRUCE SULPHITE and SODA PULP.

Supercalendered and Machine Finished Book and Lithographic Papers. Varnish Label a Specialty. Engine Sized White Writings and Envelope. Amber and Parchment R. R. Writings. Music Paper.

Daily Capacity, 300 tons.

OFFICE:

MUTUAL RESERVE BUILDING, 309 Broadway, New York

Mills at Tyrore, Pa.; Piedmont, W. Va.; Luke, Md.; Davis, W. Va.; Covington, Va.

Cable Address: "PULPMONT, NEW YORK." A. I. AND A. B. C. CODES USED.

American Writing Paper Company,

OPERATING TWENTY-EIGHT MILLS. Loft Dried, Air Dried, Machine Dried and Engine Sized Writing Papers. Extra Grade, Super, M. F., Antique and Deckle Edge Book Papers. Cover and Plate Papers, and Specialties of Every Variety.

SALESMEN ARE LOCATED AS FOLLOWS:

BOSTON: 176 Federal Street.

PHILADELPHIA: The Bourse.

PARSONS BROTHERS, Stock Exchange Building.

PARSONS BROTHERS, Stock Exchange Building.

| Stock Exchange Building. | 171 Queen Victoria Street, | 171 Queen Victo

CHICAGO: Western Union Building.

44 St. George's Street, CAPE TOWN, S. A.



AN HONEST ROPE, made throughout of pure Manila Fibre, is

AMERICAN" TRANSMISSION R O P E

Write for prices and samples MANILA, SISAL and JUTE CORDAGE,

THE AMERICAN MFG. CO. 65 Wall Street, New York

A Little Blue Book on Rope; Transmission" sent free Transmission upon request.

CROSBY STEAM GAGE AND VALVE CO.



CROSBY POP SAFETY VALVES AND WATER RELIEF VALVES STEAM ENGINE INDICATORS. CROSBY IMPROVED STEAM GAGES, SAFE WATER GAGES and PATENT GAGE TESTERS. SIGHT FEED LUBRICATORS. CROSBY PRESSURE RECORDERS AND REVOLUTION COUNTERS. BOSWORTH FEED WATER REGULATORS. CHIME WHISTLES. BRANDEN VALVES, Rubber, with Wire Coil Insertion. THE MOST DURABLE Pump Vaive Made.

Globe and Angle Valves, with removable seats and discs.

We guarantee them not to leak at highest pressures

WE REPAIR STEAM APPLIANCES.

acturers and Dealers in ENGINE, BOILER and MILL SUPPLIES OFFICE AND WORKS: BOSTON, MASS.

n, New York, Chicago, and London. England.



VOLUME XXXVII-NO. 21.

NEW YORK AND CHICAGO, THURSDAY, NOVEMBER 19, 1903.

PER ANNUM, \$4.00 SINGLE COPY, 10c.

FUNDS MISUSED.

Consequently American Pad and Paper Company Makes Assignment.

Thomas W. Holley, Treasurer of the Concern, Is Charged with Being Short in His Accounts About \$35,000-The Company Is Said to Be Solvent-Notice of the Company to Its Creditors.

Western Massachusetts Office THE PAPER TRADE JOURNAL, HOLYOKE, Mass., November 17, 1903.

Business men of Holyoke and vicinity were astounded yesterday by the double news of the assignment of the American Pad and Paper Company, of Holyoke, and of the misappropriation of funds belonging to that company by its president and treasurer, Thomas W. Holley, who has confessed to irregularities amounting to between \$35,000 and \$38,000. All his real and personal property known, together with his interest in the company, the latter amounting to about \$25,000, was attached before daybreak yesterday morning by Deputy Sheriff S. T. Miller in an action brought by the company for \$40,000 against him for the irregularities noted above. The assignment was filed at the city clerk's office about 9, and the assignees named are A. W. Esleeck, J. K. Judd and Lawyer A. L. Green, the latter named having the conduct of the legal side of the case in behalf of the company. The American Pad and Paper Company has the highest-credit rating in the mercantile agencies, and in both Dun's and Brad-street's was rated at from \$75,000 to \$125,000. The condoing \$250,000 worth of business each year, with profits of \$20,000, pays 6 per cent. dividends, and was supposed to have undivided profits on hand of about \$40, The plant is located at the corner of Winter and Appleton streets in Holyoke.

The amount of the assets and liabilities is not known, but it is learned on the highest authority that the concern, in spite of the issuing of irregular paper and misap propriation of funds, is perfectly solvent, and the step was taken mainly to protect the interests of those concerned when it should become known that these irregularities had While indications point to about \$35,000 or \$40,000 having been misappropriated, the exact truth can-not be known until an expert who has been placed upon the books shall have completed his work. It is learned that the affairs of the firm have not been managed in the best manner for some time, but proof of actual misman agement and misappropriation did not come to light unt.1 A circular letter was prepared yesterday and will be sent out today, in which the step of a temporary receivership is explained and the probable amount of shortage is estimated at \$38,000.

The following notice was sent out this morning to every

creditor, so far as known, of the company: To the Creditors of the American Pad and Paper Com-

To the Creditors of the American Fau und Paper.
You are hereby notified that the American Pad and Paper Company has made an assignment to us as trustees for the benefit of its creditors and that we have accepted the trust. The assignment is in usual form and conveys all the property of the company, both real and personal, wherever situated, whether within or without the Commonwealth. The assignment is without preference except so far as creditors who are entitled to priority under the insolvency laws of the Commonwealth. It is necessary in order that creditors may participate in the benefits of this assignment that they assent in writing to the provisions thereof.

It was discovered Saturday that Thomas W. Holley, for a long time the president and treasurer of this corporation, has misappropriated its funds. It is impossible now to say

just what the amount of shortage is; but it appears to be about \$35,000. While this amount ought not to cripple the corporation, yet the uncertainty which, under the circumstances, surrounds all the company's affairs made it seem desirable that the present step be taken to protect all interests while a thorough investigation of the company's affairs was being made. An expert accountant will forthwith be put upon the company's books, and a full statement be made to the creditors as soon as possible. It will greatly facilitate matters if you will sign the subjoined assent, stating thereon the amount of the indebtedness of the American Pad and Paper Company to you as shown on your books, and mail the same forthwith to the trustees. Please address your correspondence to the Trustees of the American Pad and Paper Company, Holyoke, Mass.

Yours very truly,

J. K. Jupp,

J. K. Judd, A. W. Esleeck, A. L. Green,

The irregularities cover a period of several years, and probably date back at least to the division of the firm, which was made about 1894, when H. F. Morrill, A. C. Pratt and J. H. Wylie, Jr., withdrew from the company. As to the exact methods employed there is some speculation at present, and more will be learned from the report of the expert. The company was originally formed about 1884 by Mr. Holley, and a number of men were interested in the proposition. The change noted came about ten years later, and the larger stockholders at present include C. H. Taber, J. N. Hubbard, J. K. Judd, T. W. Holley W. Esleeck. The capital stock of the company was \$75,000, and it has paid 6 per cent. annually to the stockholders, and in addition had accumulated undivided profits, it was supposed, of about \$40,000. These seem to have been wiped away by the irregularities discovered. but unless something further develops along the line of irregular doings the company will yet be in splendid shape to continue business. The business will go on as at present, and its traveling men will remain on the road. Should the present outlook prove true as to its condition, the receivership will be later dissolved, and probably with some reorganization business continue as before. C. H. Taber has been elected president and G. W. Brainerd

treasurer for the present Efforts to locate Mr. Holley yesterday were futile, and it was said at his Pearl street home that it was not known when he would return. In company with other Holyoke pad and paper men he had made plans to attend the nual convention of pad and tablet manufacturers at Buffalo, N. Y., and to leave last night. The discovery of the irregularities was made by G. W. Brainerd, secretary of the company, whose attention was called one morning week to something which was not right about some of the firm's paper He made a little investigation of his own, and then called in men interested in the company, and a quiet investigation followed, in which the facts relating to the treasurer were discovered. Mr. Holley's resignation followed as a matter of course. Mr. Holley was with the investigating committee a large share of the time, and admitted to irregular practices at an expense to the company of about \$38,000. The process, it was understood, was by discounting fictitious paper mainly, and

the amounts were not very large at any one time.

A statement of the liabilities was not obtainable last even ing, but will be ready in a few days in all likelihood. The list of creditors, however, include the American Writing Paper Company, Carter, Rice & Co., of Boston; Bulkley, Dunton & Co., of New York; the Springfield National Bank, of Springfield; Home National Bank, Hubbard & Taber, of Holyoke; W. G. Ridley Company, W. Ballantine, S. Ferris, Peckham, Little & Co., of New York; P. H. Glatfelter, of Spring Forge, Pa., and many smaller ones American Pad and Paper Company has on its books bills

(Continued on page 644.)

NEW COMPANY STARTS.

Paper Products Company Begins Business, Says Its Vice President.

A Meeting at Buffalo-New Price List Outlined and Referred to a Committee to Prepare for Publication—Mr. Fleming Says No Prices Have Been Advanced, but on the Contrary Some Have Been Reduced.

The Paper Products Company has already started in business, according to a statement made by Stephen B. Fleming, vice president of that company, on his return yesterday (Wednesday) from Buffalo, N. Y., where, on Monday and Tuesday, a meeting was held of the executive committee of the Paper Products Company and the advisory board of the Western Division of the sales department of that co

Speaking of the results of the meeting, Mr. Fleming representative of THE PAPER TRADE JOURNAL

"At Buffalo we outlined a new price list and referred the matter to a committee to prepare the list for publica-tion. No prices are advanced. On the contrary, many of them have been reduced, particularly in the combination boards, in which a material reduction has been made. The May I price list of the United Box Board and Paper Company is the basis of the prices agreed upon by the Paper Products Company. News board remains at \$45, as per the list referred to, and straw board at \$35. All prices are the same for the East and West, except on straw board, the discounts remaining 5 per cent. to dealers and 3 per cent. for cash. In quotations on orders from the territory outside the territory of the two divisions, the East and the West, there is a reduction of \$2 per ton from the list price, but such business is taken f. o. b. mill. The others are delivered prices. The plan we have adopted is one that we hope will successfully meet the views of the dealers and commission men. We have no disposition to antagonize anybody. We simply want to work in harmony with all branches of the trade. The company has for its object the maintenance of a uniform price list which will not be prohibitive, but will be as low as it can possibly be made and at the same time return a fair profit on the business. We are going to meet the trade on a fair basis close attention to its wants secure its good will. I believe we have adopted a price list that will be endorsed by all. By the formation of the new company the general feeling is that the McEwan patent has been strengthened."

In conclusion Mr. Fleming said:
"The officers of the Paper Products Company feel that mpany is organized on such broad lines, which are perfectly fair to all, and that it has as its object a uniform price, the said price to be just high enough to allow a fair percentage on its investment, that the few mills not now a part of the company will feel that they should join

to assist in producing the result as outlined above."

The Beveridge Paper Company, of Indianapolis, Ind., and the Colin Gardner Paper Company, of Middletown, Ohio, have both joined the Paper Products Company, H. L. Beveridge has been elected one of the vice presidents of the company in place of Louis Newman, of the Tonawanda Board and Paper Company, of Tonawanda, N. Y. With the addition of these two mills the list of mills in the Paper Products Company printed in last PAPER TRADE JOURNAL is complete. pany has rented offices on the seventh floor of the White-hall Building, Battery place. These offices will probably be ready for occupancy next week. The new price list will also be ready at that time,

DEMAND AND PRICES.

Manufacturers Continue to Be Busy and with Some the Volume of Business Is Increasing-Jobbing Trade Fairly Active.

In the New York market the demand for paper is on a more conservative basis than it has been for the past few Instead of anticipating their wants for weeks or months ahead, consumers are now dividing their purchases into fractional parts of their old orders. The spirit of prudence manifested in this change reflects the greater caution with which general business is now being done. This return to the old order of things that prevailed pre vious to the boom of 1899 is not wholly to the liking of the sellers of paper. The absence of the big demand which characterized the trade of the past few years, especially during the fall months, is noticeable by contrast with the comparatively quiet demand this fall. Under the changed conditions of the market it is therefore no wonder that the impression should have been created that trade was dull. With many sellers of paper this amo to more than an impression, as they have no hesitancy in saying that they find business quiet. There are many others, however, who, while acknowledging that the market is quiet for this season, say that with them trade is pretty Those who say that they are rushed with orders are few in number. Even of these there are some to be found in the New York paper trade. But although the complaint is general that the market is quiet, the volum of sales so far this year does not suffer in comparison with that of last year. As a rule the jobbing trade is not brisk. With the mills the quiet tone of the distributing trade is not felt as yet to any great extent, as nearly all of them have a few weeks' run ahead. This, with the orders that must come to them in the ordinary course of business, will no doubt suffice to keep them busy till after first of the year. No material reductions in prices are looked for before that time. Whether they go off after the holidays depends, of course, on the state of the demand. At present all quotations are steady, if not firm The cheaper grades of manilas are said to be a little The warm weather of this fall, which has checked general retail business, has cut down the consumption of manilas. Tissues, however, continue high News paper is in good demand, especially with companies that supply the big daily newspapers. New business with some of the smaller mills is not so active as it has been. Book papers are moving steadily, but for them there is no very active demand. The same can be said of writings. Both of these kinds of paper are of course affected by the inactivity in the printing trade. boards the demand is somewhat off, as the paper box makers are not as busy as they were a month ago. too, have felt the general curtailment in the volume of trade. The new price list of the Paper Products Company, agreed upon at Buffalo this week, is awaited by the boards trade.

Brisk Trade at Holyoke.

Western Massachusetts Office
THE PAPER TRADE JOURNAL,
HOLVORE, Mass., November 17, 1903.
Trade continues to be brisk with the mills, and although

me of the large manufacturers refuse to forecast future, the general opinion among the mill men is that it will be fairly active during the winter. All of the Holyoke mills are keeping busy this week. In a majority of the mills there is no great rush. One or two mills are well crowded. It cannot be said that the shipment of paper from Holyoke this fall is much lower than last fall, although there has been a slight decline in tonnage.

The American Writing Paper Company reports a very good business, the demand being for all grades of paper Books, writings and ledgers have sold well.

pany has a considerable number of orders on hand. The mills at Turners Falls report fine trade. Esleeck Manufacturing Company has orders on hand which will take some little time to fill. The demand for typewriter papers has been above the average.

The Whiting Paper Company has orders enough to keep all of its mills busy. Its correspondence papers have had a large sale, and the demand for ledgers has increased.

The Mittineague Paper Company is making large ship ments. Its business this year compares favorably with last year, which was considered an excellent year.

The mills at Westfield, Dalton, Lee, Adams and Fairfield all make favorable reports.

The Parsons Paper Company is behind in filling its or ders, and the Carew Paper Company and Hampshire Manufacturing Company at South Hadley Falls are very comfortably situated.

Slight Improvement in Philadelphia.

[FROM OUR REGULAR CORRESPONDENT.]
PHILADELPHIA, November 17, 1903.—The slight improvement in general business first noted a week ago after a long period of quiet continued during the week, but the

status of trade at the end of that period shows little im provement over the close seven days ago. The recently noted dearth of supercalendered papers has been in part supplied, sufficiently at least to meet the small demand. Book mills generally report a full order list and mills are running full time, but advance orders are not as heavy as the usual November list. The most noted improvement during the week was in wrapping papers, but trade is still behind what it should be. For the best qualities of book there is a steady demand, for the cheaper qualities a very quiet market. Building papers still continue in brisk sale, but the news market is featureless. Prices show no change from a week ago. E. R. G.

Better Business in Boston.

Eastern Office THE PAPER TRADE JOURNAL, 64 Federal Street, Boston, Mass., November 17, 1903.

Reports from city dealers are more encouraging this week than they have been for some time past, or rather it may be said that the reports of good business are more general than heretofore. There seems to be a diversity of opinion, however, as to whether the volume of business heavy at present as it was for the same period of time last year, although one prominent house stated that its business so far this fall has run considerably ahead of One noticeable fact is, however, that nobody seems to be inclined to complain of business, from which it may be inferred that there is a very good volume of trade going on, even if a little quiet at times. So far as can be learned from interviews with the different trade representatives the tone of the market continues very The paper manufacturers still report good business, firm. with orders enough in sight to keep the mills going. There is no branch of the paper manufacturing business but what is in pretty fair condition, although many mills may be somewhat inconvenienced on account of low water. Mill representatives from Maine say that the water supply there is very low. Ground wood pulp is, in consequence, getting scarce, and many inquiries are being received by local mill supply firms for pulp. The shortage of ground wood will no doubt have a tendency to put low grade paper up a little. DELESDERNIER

Chicago Trade Fair.

Western Publication Office
THE PAPER TRADE JOURNAL,
926 Monadnock Building,
CHICAGO, Ill., November 16, 1903.

According to the statement of a leading paper dealer,

the prices recently obtained for wrappings have not been so satisfactory as they might have been. The margins have been rather too small to allow the jobber on some classes to pay the expense of handling the goods and leave anything for profit. It is hoped that this condition of affairs will soon be remedied to a certain extent.

Book papers are active and the prices are holding up The mills are after the business, and it is still pretty well. maintained that there are not so many orders, but that all that come can be handled well. No new developments have yet arisen in the selling agency situation. Another meeting may be held this week, at which something definite may be accomplished toward the active consummation of the project.

Nothing new has developed in the news paper market. Prices maintain a good level with a normal demand.

Writings are in good demand. The trade in all lines is seasonable, with no unusual features to comment upon. In general the demand is said to be proportionately better from the country than it is from the city. All the country districts are prosperous, with no threat of labor troubles to mar the horizon. In Chicago the street care strike is having the effect of making merchants rather ore cautious than usual.

Pairly Good Trade in Wisconsin.

[FROM OUR REGULAR CORRESPONDENT.]
Wis., November 16, 1903.—There were no APPLETON. changes worth mentioning last week in the condition of the paper business in this region. Orders are coming in fairly well, though there is no surplus to brag of. condition applies generally to all classes of papers. Manufacturers have rather given up hoping for any great change for the better in the demand this fall. Business everywhere seems to be conducted on a little more conservative line than in other years at this time, and while the mills have orders enough to keep them busy they are FOX RIVER.

Miami Valley Not So Active.

[FROM OUR REGULAR CORRESPONDENT.]
DAYTON, Ohio, November 16, 1903.—Business conditions took a slight turn backward during the past few days. While local conditions may have had something to do with the change, it is intimated that the Miami Valley business suffered because of the unusual situation in Chicago. The book men found their orders somewhat decreased by son of the strike in the printing shops, though some of the manufacturers report satisfactory orders and really have no complaint to make. They readily admitted that business was not booming to the extent noticeable the previous week, when affairs seemed brighter. Even returning traveling men and officials of companies who had been off on a few days' jaunt reported trade on the ascendency. street car tieup in Chicago has strangely affected trade, the same as nearly all labor dissensions have done. The writing trade is somewhat lively, the demand for straw papers continues heavy, and in a general sense the other

lines are moving satisfactorily.

"The trade need not be alarmed over a slight slump. remarked a well known East End paper maker. have had just such conditions on many previous occasions and have recovered within a fortnight. It looks to me as though we have had a pretty good year of it. Our firm has been liberally remembered this week. We are told that some have noticed a decided falling off, but we cannot believe that it is going to be permanent. In my opinion prices will remain about stationary until the first of the M. V.

FUNDS MISUSED.

(Continued from page 643.)

receivable of about \$44,000, about \$90,000 worth of paper on hand, as well as \$8,000 or \$10,000 in cash, and the land, buildings and machinery that stand in its own name in Holyoke, including a four story building and lot. It has no water power, running entirely by steam.

Of the men affected by the affair, probably none feels worse than A. W. Esleeck, who has always taken a strong interest in Mr. Holley, and who yesterday expressed himself as deeply moved by the discovery of Mr. Holley's doings. "He has had every chance; and I am deeply disappointed in the boy," said he. "Whom can we trust?" was the exclamation of another interested man. Others spoke in a similar vein, and it is evident that as much as those interested have suffered in a pecuniary way, they feel worse over the breach of trust than over the loss of the money, the greater part of which is likely to be restored to them. Originally Mr. Holley gave a bond as treasurer, but this had later been given up as a useless expense. It is feared that the irregularities in his accounts were covered up in part by the issuing of irregular paper, but the full extent of this can only be determined by the experts.

Thomas W. Holley, treasurer of the concern, who charged with the irregularities that have resulted in a loss to the firm of about \$38,000, is a prominent member of the First Congregational Church in the Highlands, where has been especially active in the Sunday school, of which he has been superintendent, and is a Republican member from the Seventh Ward of the board of aldermen, also a candidate this year "at large." He was easily one of the most able and popular members of the board, and d friends without number among both Republicans and Democrats, active and inactive in city affairs. The news of his misdoings comes as the greatest surprise and shock to the great majority of Holyoke people. So far as known, Mr. Holley has not speculated. He had a salary of about \$3,600 a year, and his dividends on his personal investment amounted to \$1,200 or \$1,500 a year. He was a lover of good horses and spent much time driving, and has a large family. His income was supposed to be sufficient for these expenses. He has offered to turn over all of his property and will be left penniless as a result, excepting what life insurance he may have to protect him. Criminal action is not likely to be brought against him at present at any rate, if at all.

No trace of T. W. Holley was to be found last evening A late inquiry at his home revealed nothing as to his whereabouts, it being stated that the members of the family knew neither where he was nor when he would come back. One man interested in the matter stated it to be his belief d gone to some other place and would never come back to Holyoke. A. W. Esleeck, one of the assignees, said last evening: "I haven't any idea where Mr. Holley is. I have not seen him since Saturday." Others seemed to be of the opinion that he could not face the disgrace and would strike for some faraway place. The theory that he might commit suicide did not seem to be held last evening. An attachment for \$25,000 filed yesterday against his brother, Henry Holley, is supposed to be due to his being on the missing man's paper.

The business men of Holyoke were dazed yesterday by the news of the troubles, and expressions of the keenest sympathy for his family were heard on every hand, as well as expressions of wonder and amazement that Mr. Holley could have become involved in such an affair. No case parallel to it in all its phases has ever been known in Hol-As one man said last evening, if asked to pick out six of the squarest and most honest and honorable men in Holyoke, few would have omitted putting T. W. Holley on the list. The case is considered to be inexplicable in many of its phases. Treasurer G. W. Brainerd was asked last evening what he believed Mr. Holley would be likely to do, and said that he did not know. "We, some of us, thought we knew him, but we now begin to think we were mistaken," said he.

ALLEGED WATER POLLUTION.

Dr. Lewis, President of the New York State Board of Health, Talks on the Subject—Has Been Misquoted by Daily Papers—Investigation Now Going On.

Concerning the reported pollution of Lake Champlain by pulp mills, about which so much has appeared in the daily press, a representative of The Paper Trade Jour-NAL called on Dr. Daniel Lewis, president of the State Board of Health, at his office, 254 Madison avenue, New York city. The doctor, who returned last week from making a personal investigation of the alleged pollution, had been quoted as saying certain things in regard to his investigation. The doctor said that the published report of the interview put him in a wrong light, as the statements he did make were twisted so that they created a wrong impression. In regard to the alleged pollution of Lake Champlain by the pulp mills the doctor said: "The State Board of Health was asked a short time ago to investigate the complaints made. This investigation has been going on under officials of this department. Last week I joined in the investigation. My visit was not un-expected, as has been reported. On the contrary, the mill owners knew that we were coming. One of the mill superintendents, in fact, piloted us about his mill. We inspected the mills and took samples of the lake water and of the water of the rivers on which the mills are situated. A previous examination of these waters had been made by Prof. Olin P. Landreth, consulting engineer of the State Board of Health. The result of our examination of the samples taken will of course determine the kind of a report we will make on the complaints before us. It is, therefore, idle at the present time to predict what our report will be. If we find that the refuse from the mills is injurious and pollutes the water and is detrimental to the health of the neighborhood, we will say so. But if, on the contrary, we find that the waste from the mills is not harmful to such an extent as to be injurious to health, we will state that. Until our report is prepared we cannot state anything definitely in regard to the matter. Just when that will be ready we do not know. It may be ready in a number of weeks, but the chances are that it will not be finished for a few months. As Professor Landreth has at least fifty samples to examine, you can see that it will take some time."

Dr. Lewis, in speaking of the workings of his department, said that the State Board of Health began investigations either on a direct order from the Governor or on having a complaint referred to the board by the Governor. In the case now under investigation, he said, he did not know in which way the matter had been brought before his board, but in either event it was customary for the board to send a copy of its report to the Governor and to each one of the parties of whom complaint was made.

The doctor, while he did not say so ourright, intimated that he thought it possible for the pulp mills to adopt disposal methods for their refuse that would put an end to the evil complained of.

St. John Sulphite Pulp Company.

St. John, N. B., November 13, 1903.—The report of the directors of the St. John Sulphite Pulp Company, Limited, for the year ended May 31, 1903, states:

"From the combined balance sheet, prepared by Messrs. Chiene and Tait, it will be observed that there has been a loss on the year's working of £6,686 3s. 6d., and that after adding the debit balance as at May 31, 1902, of £1,189 108 5d., there is a balance of £7,875 13s. 11d. at the debit of profit and loss. The directors extremely regret this unfortunate result. The improvement which the directors expected toward the end of last year did not take place, and prices still remain unprecedentedly low, while the cost of the raw material has increased. At the date of the formation of the company the price per ton of pulp was £9 5s., while at the present time it is only £6 15s., or a difference of £2 10s. per ton. On the other hand, the cost of the raw material at the present time is higher by about £1 per ton than it was at the date of the formation of the company. While the directors had hoped for an improvein the market, the company would at least be able to hold its own, and consequently resolved to continue the works during the year in preference to shutting down. They are much disappointed at the result of the year's trading, and propose, with the approval of the shareholders, to close the works for the present. The directors regret to report that Mr. Mooney, the company's manager at St. John, who is a shareholder to a large extent, has on account of failing health been obliged to tender his resig-The directors have also to report that, in order to nation. provide funds for the carrying on of the company's busiess, they arranged for an advance of £15,000 from the Royal Bank of Scotland on the security of a mortgage over the company's property, coupled with the personal obligation of three of their number as a collateral security.

The above advance has been exhausted, and it will be necessary to provide additional capital if the works are to be carried on. The directors hope that there will be a full attendance of shareholders at the general meeting, in order that the company's position may be fully discussed and arrangements made for the future. In terms of the articles of association, one of the directors must retire at each annual meeting. On this occasion Mr. Anderson is the retiring director, but in consequence of ill health he does not seek re-election."

Southern Book Publishing Company.

ATLANTA, Ga., November 16, 1903.—H. H. Cabaniss, one of the owners and the manager of the Augusta Chronicle, was in the city last week in the interest of the Southern Book Publishing Company, of which he is president. This company has submitted bids to the school book commission of Georgia, under a recent act, and hopes to have many of its books adopted for use in the schools of the State. When asked about his interest in the matter, Mr. Cabaniss said: "For ten or fifteen years past I have been impressed with the absolute need of some school books written by Southern people for use in the Southern schools. I would not have anything of a sectional nature taught, but I would correct the false teachings of the books now in use.

"I am not contending for sectional books in our schools, but I do insist that the 'other fellows' should not force books upon Southern communities which do our people an injustice. We are for protection and on the defense, and it is necessary to be aggressive to win out.

"I am glad to state that we have interested some prominent capitalists who are experienced in the book manufacturing business, and who have ample capital, to agree to the building of a grand plant in Georgia. It is a matter of much moment to our people."

matter of much moment to our peopl:."

Robert O. Law, of the Robert O. Law Printing and Binding Company, of Chicago, has been in Atlanta for the past few days studying the situation in regard to the locating of a large printing and book manufacturing works in Atlanta for the Southern States. He came here at the instance of representative Southern men interested in the Southern Book Publishing Company. Mr. Law is so convinced of the great possibilities of the South, and of the printing and book manufacturing industry particularly, that he has concluded to co-operate with the Southern Book Publishing Company in the immediate establishment of this industry for the Southern States.

Mr. Law is one of the largest manufacturers of books in the United States, if not in the world, and his mature experience practically qualifies him as authority.

Mr. Law said: "I consider the possibilities of the South in the line of book manufacturing and advanced printing art as being almost limitless in their scope.

"In looking over the city of Atlanta I recognized it as a point for almost everything that the South needs and will need in the future. It has become the headquarters for a good many large manufacturing establishments. Atlanta has the Southern agency for nearly every large manufacturing company in the United States. I therefore think that to neglect the publishing business here would be to overlook one of the most inviting fields.

"The printing and book making plant proposed for the South, to be established in Atlanta, will be one of the largest in the world, certainly the most complete. The main building will be 350x450 feet, giving nearly 150,000 feet of floor space. Each department will be equipped with the latest modern models of every kind of machinery used in a thoroughly up to date establishment, and will be prepared to print and turn out any kind of work done in the United States. I except no city in the United States."

Developing Water Power at Rothchild.

APPLETON, Wis., November 16, 1903.—A movement is on foot to develop the water power on the Wisconsin River at Rothchild, near Wausau. A similar movement was started about three years ago, but was blocked by the attitude of property owners along the river whose lands would be overflowed, who refused to accept a reasonable price for their ownings. Since that time a law has been passed permitting such lands to be condemned and it will not now be possible to block the scheme. Surveyors have been at work upon the property, and the outlines of the improvement have been pretty well determined. Just what enterprises would be established is not at present determined, but the power is an ample one and it is right in the paper manufacturing district, so that the opportunity would seem to be an especially good one for a paper mill.

Fox River.

SAULT STE. MARIE, Canada, November 16, 1903.—After considerable delay in making the arrangements the pulp mill of the Consolidated Lake Superior Company started November 11 with a big force of men. It is anticipated that the mill will run continuously from now on.

"Soo" Pulp Mill Started.

NEW YORK JOTTINGS.

Local paper men are never free for any length of time from the begging letter fiend. Last week the aforesaid fiend again broke loose. This time his wife fell down stairs and injured herself severely. He, poor man, was called home from the mill. On his arrival he found a bushel of trouble. But, mind you, he did not ask for aid while he had hopes of a roof over his head—for it was only the threat of the landlord to oust them the next day that forced his unwilling pen to tell the story of distress. The landlord will not wait longer than tomorrow—he says. Five dollars will do for the present. But it must come in a hurry, else his wife will have a relapse through worry. "Hoping your kindness of heart will prompt your sympathy toward us," writes the "Yours truly." "A funny thing about this fellow," said the recipient of the letter, "is that, unlike the celebrated Baron von Manteuffel, now or recently on the Island, the number of his children is commensurate with the size of the 'touch.' Of one thing he is never forgetful—the perpetual sickness of his wife."

Another scheme to do up the poor, unsuspecting paper man is again being worked from this city. The Easy Marks are the come ons for whom the bait is out. For the benefit of those guileless souls it is here disclosed that an order for cases of goods from a mercantile company that deals perhaps in druggists' sundries or does a general export and import business does not necessarily carry with it any guarantee that the goods will be paid for. One of these "fake" concerns was recently located on Duane street. Now it has a sign on a loft door on Fulton street. As it has no rating and is not mentioned in Lockwood's Directory any wise man would refuse to ship the paper without a guarantee that the goods ordered will be paid for, even if the new customer is particular about the regular 2 or 3 per cent. off for cash. This word of warning is not for the wise men of the trade.

The New York and Pennsylvania Company and D. S. Walton & Co., of this city, late last week filed a petition in bankruptcy against the Garrett-Boyce Paper Exchange, of Syracuse. The petitioning creditors have claims amounting to \$5,000. Nothing is known as to assets and liabilities.

The following marriage announcement will interest the many friends in the trade of the happy bridegroom::

BEEBE—TIPPLE.—On Thursday, November
19, by the Rev. E. S. Tipple and Rev. B. M. Tipple,

Clarence Beebe, of New York, to Helen M. Tipple.

After the ceremony there was a reception, followed by a wedding breakfast, at the home of the bride's brother, 300 West Eighty-fifth street. Mr. and Mrs. Beebe will make their home in Philadelphia, in which city Mr. Beebe is the representative of the Philadelphia Clay Manufacturing Company.

A George H. Simpson dropped dead on the street in this city on Wednesday of last week. Within a few hours afterward William G. Willmann, of 16 Spruce street, who recently succeeded to the business of Geo. H. Simpson & Co., began to get busy assuring callers in person and by 'phone that the dead man was not the George H. Simpson whom he succeeded, and who is now a special partner in his business. Mr. Willmann is pleased withal notwithstanding the annoyance, as he was forced to hear many compliments in regard to his Mr. Simpson from solicitous friends, who would not be shut off until they had their say.

A letter in last week's Paper Trade Journal, under the caption "Hall Comes to the Assistance of the Mills," was read with a great deal of interest by the local trade. In the letter Mr. Hall practically takes the stand that the manufacturers should not do business with the jobbers. That he made out a strong case is evidenced by the fact that the jobbers held a meeting of their association within an hour after the issue of The Paper Trade Journal appeared. At that meeting the letter was discussed, and as a result it was voted to draw up a new communication to paper manufacturers in which the elimination of the commission man will be insisted on at once. As one big jobber expressed it, "We must cut off Hall's base of supplies or we are 'goners.'"

A judgment for \$9,362 was entered on Tuesday of this week by default against the Helios Photographic Paper Company, of 154 East Twenty-third street, in-favor of Gustav Cimiotti, formerly president of the company, for money loaned to the company between June 15, 1902, and September 30, 1903.

J. Bennett Southard, of 155 Broadway, has been appointed receiver in bankruptcy of the assets of Charles E. and Winfield J. Garvin, individually, and as partners in the Garvin Paper Company, of Moodna, N. Y.

WALL PAPER MATTERS.

The Imperial Factory at Sandy Hill, N. Y., Leased by a Syndicate—Purchase May Follow—Talk of a Combination.

[SPECIAL CORRESPONDENCE OF THE PAPER TEADS JOURNAL.]

SANDY HILL, N. Y., November 16, 1903.—The Imperial Wall Paper Company, of Sandy Hill, N. Y., was last week leased for a period of ten years to George R. Finch, who represents a syndicate composed, it is said, of the following named gentlemen: George R. Finch, Glens Falls, in whose name the lease was executed; Jere D. Finch, Glens Falls; L. W. and J. A. Emerson, Warrensburg; Edward F. Murray, Troy; Howard H. Pruyn, Glens Falls; George Tait, who is the first vice president of the Ithaca Wall Paper Company, and John J. McCabe, who is secretary the same company. The mills at Sandy Hill, which were shut down for two days for the taking of an inventory, were reopened on Thursday of last week under the management of Messrs. Tait and McCabe. These are the men that took hold of the Ithaca wall paper plant a few years ago and brought it to a paying basis. It is probable that the Imperial and Ithaca companies will be merged and that a consolidation with the Schroon River Pulp and Paper Company will follow, the new corporation to be headed by George R. Finch as president.

It is understood that the syndicate represented by Mr. Finch made a proposition to purchase the plant. This proposition will be presented to the stockholders. The Imperial was organized in 1901. During the three years of its existence there have been many changes in the management, the directorate and the officers of the company. The original stock of the company was \$200,000 and was fully paid in. At the end of its second year the company issued an additional \$100,000 worth of cumulative preferred stock. Of this amount it was reported that \$70,000 worth was taken by Mr. Finch, Howard H. Pruyn and their associates. Besides the outstanding stock there is a mortgage on the plant and other indebtedness which is said to represent a total of \$400,000.

Last winter the Imperial was asked to enter the combination which resulted in the new Standard Wall Paper Com-This course was urged by J. E. Howland, who held ge amount of the stock. The proposition was dea large amount of the stock. The proposition was declined. Mr. Finch is said to be interested in the Standard Company, and it is believed that the Imperial factory will eventually come under Standard management. By delay in not entering the combination some say a net loss of 30 per cent, was made for the stockholders. The Standis a very large producer of wall paper. With the addition of the Imperial it would be a still more impor-tant factor in the trade. It is now considered as among possibilities of the future that the Imperial and the Schroon River Pulp and Paper Company may become parts of the Standard combination. The Schroon River parts of the Standard combination. The Pulp and Paper Company was organized two years ago and built a pulp and paper mill at Warrensburg, N. At the beginning it manufactured hanging paper for the

Imperial Company. Stock in the Schroon River Company has been held by those interested in the Imperial.

The name of George F. Underwood, manager of the woodlands department of the International Paper Company, has been mentioned in connection with the reported proposed merger of the up-State wall paper companies. seen by a representative of THE PAPER TRADE JOUR-NAL Mr. Underwood said: "There is no plan that I know of for a combination or merger of the companies referred All there is to the matter is that the Imperial Company has been leased to a number of gentlemen, who are going to try to put it on a paying basis. Up to date the Imperial has not made money. The fact that the same men own stock in both the Schroon River Pulp and Paper Company is perhaps responsible for the talk of a merger. There is, however, no such plan on foot.'

Receiver for Henneberry Company.

[SPECIAL CORRESPONDENCE OF THE PAPER TRADE JOURNAL.]

CHICAGO, November 16, 1903.—As the result of bankruptcy proceedings in the United States District Court, the Equitable Trust Company was appointed receiver for the Henneberry Company, publisher, today. The liabilities are not stated, but the assets are put at \$150,000. Among the creditors are Gane Brothers & Co., \$4,607.83; Empire Paper Company, \$1,723.57; Moody & Bermingham, Paper Company, \$1,723.57; Moody

ATAHDIN PULP AND PAPER COMPANY

MANUFACTURERS OF

SULPHITE FIBRE

WE MAKE A SPECIALTY OF THE HIGHEST GRADE SULPHITE FOR BOOK, LEDGER, WRITING AND MANILA PAPERS.

CUSHING SULPHITE FIBRE CO

MANUFACTURERS OF HIGH GRADE SULPHITE PULP. CLEAN and UNIFORM in QUALITY.

WRITE US FOR SAMPLES and PRICES

USED BY THI
two 15x48 ft.
ans 15x35 "
two 14x34 "
one 14x35 "
two 10x30 "
ans 14x35 "
two 10x40 "
one 14x35 "
two 15x42 "
one 15x42 "
two 15x42 "
two 15x42 "
two 17x54 "
two 16x53 " orly & Clark Co., Niagara, Wis.,
rly & Clark Co., Kimberly, Wis.,
rly & Clark Co., Kimberly, Wis.,
rly & Clark Co., Appleton, Wis.,
ide Fibre Co., Appleton, Wis.,
ati Paper Co., Jackson, Mich.,
on Puip and Paper Co., Floriston, Cal.
Paper Co., Oregon City, Ore.,
al Paper Co., Muskegon, Mich.,
Bag and Paper Co., Ballston, N. Y.,
s Fulp and Paper Co., Austin, Pa.,
and Locks Paper Co., Comblued Locks,
Ne. Marle P. & P. Co., Saul' Ste. Marle,
s Fulp and Paper Co., Parsons, West Vould Paper Co., Lyon Falls, N. Y.,

ot Co., W. Carrollton, Cotsdam. N. Y.,
ndy Hill, N. Y.,
ion, N. Y.,

AND MANUFACTURED BY MANITOWOC STEAM BOILER WORKS, Manitowoc, Wis. W. J. HESS, President and Treasurer.
Agent: J. G. JONES, Carthage, N. V.

H. W. STEBBINS, President,

A. F. RICHTER, Treasurer.

G. A. STEBBINS, Secretary.

Stebbins Engineering and

Paper and Pulp Will Engineers and Architects.

Experts in the Chemical Processes of Producing Pulp from all Kinds of Material.

MANUFACTURERS OF

The Stebbins Patented Acid Systems; Digesters and Their Linings; Bronze, Lead and Cast Iron Fittings.

We design, construct, equip and operate mills for the manufacture of Pulp and Paper and all processes allied thereto. Office: 74-78 Smith Building, WATERTOWN, N. Y.

E. W. TEELE. Wholesale Paper Dealer,

606 and 607 John Hancock Building,

35 FEDERAL STREET. BOSTON.



The following are the large water powaiting development on the Wisc River, Wisconsin:

The Grandfather Falls, Estimated 20,000 H.P. The Mosines. 3.000 44 The Consolidated Centralia,

There are now nine large paper mills on the Wisconsin River. The water of this river has proved exceptionally excellent for paper making. The location is advantageous in relation to easily reaching the great consuming and distributing centres.

The Chicago, Milwaukee & St. Paul Railway Company gives unremitting attention to the development of local traffic along its lines, and, with this in view, seeks to increase the number of manufacturing plants

increase the number of manufacturing plants along its system, either through their creation by local enterprise or the influx of manufacturers from the East.

It has all its territory districted in relation to resources, adaptability and advantages for manufacturing. Specific information furnished manufacturers in regard to suitable locations. Address

W. B. DAVENPORT,

ustriel Com'r Chicago, Milwankso I St. Pual Ry. 60 Old Colony Building, Chicago, III.

NOTES OF THE TRADE.

Young Brothers, dealers in wall paper, Quincy, Ill., vere burned out November 10. Loss, \$10,000; insurance, \$7,000.

Frank G. Beaman's paper box factory, Laconia, N. H., was burned out November 12. Loss, \$12,000; insurance,

The plant of the Blauvelt-Wiley Paper Manufacturing Company, Paterson, N. J., was damaged by fire Novem-

The Burt Manufacturing Company, Akron, Ohio, re-cently filled an order for four Cross oil filters from Buenos Ayres, Argentine Republic.

D. J. Carpenter and W. F. Carpenter have sold their book and stationery store, Los Angeles, Cal., to Rice & Devine, of Santa Barbara.

Irving H. Reynolds will shortly retire from the Allis-Chalmers Company, Chicago, and the duties of the chief engineer will be assumed by the engineers in charge of the various departments, these engineers availing themselves of the advice of Edwin Reynolds, consulting engineer of the company.

Henry E. Juengling, whose paper box factory has been located on the Terrace, Buffalo, N. Y., for a great many years, has purchased through J. E. Keller, No. 22 Erie County Bank Building, the large three story factory building, Nos. 506 to 512 Genesee street, where he will remove

The property was owned by Witkop & his works. Holmes. The consideration was about \$20,000.

The sheds and trestles at the plant of the New York Lime Company, near Natural Bridge, N. Y., were burned on the evening of November 11. The damage done will not interfere with the operation of the plant, though it causes some inconvenience. There was no insurance on the property burned. The loss was about \$2,000.

H. Merian Allen, trustee in the matter of the Franklin Machine Works, Philadelphia, having filed his final account and report, the final meeting of creditors, for the purpose of declaring a final dividend and closing the affairs of the estate, will be held before the referee at his office, 710 Penn Square Building, 1416 and 1418 South Penn square, Philadelphia, on Thursday, November 26, at 10:30 o'clock a. m.

Frank Tyler, an employee of the Sandy Creek (N. Y.) Wood Manufacturing Company, was found dead at the foot of a cliff near his home on Thursday of last week. Tyler attended a party Tuesday night, and evidently walked off the cliff in the darkness. Supposing that he had gone to a neighboring town, his family did not be-come alarmed about his absence until Thursday morning. when a search was made and his body found. His neck had been broken by the fall.

George B. Cox. of Cincinnati, Ohio, has been elected president of the Cincinnati Trust Company, succeeding G. W. Mallon. It was thought that C. C. Richardson, the Lockland paper manufacturer, would be elected, but that gentleman nominated Mr. Cox at the meeting of the board of directors. Mr. Richardson is a member of the executive committee and will devote considerable attention to the management of the large corporation in conjunction with Mr. Cox.

The endorsement of Uncle Sam is a flattering tribute to genuine merits and is only to be gained by deserving it. That the virtue of Albany grease is fully appreciated by the United States Government authorities is evidenced in a letter recently received by Messrs. Adam Cook's Sons, 313 West street, New York city, the only makers of Albany grease, from S. W. Stratton, Director of the Bureau of Standards, Washington, D. C. Under date of November 30, 1903, Mr. Stratton writes: "We are using Albany grease in all instances where such compound can be used to advantage, and consequently are fully aware of its

Insolvency of Francis P. Robertson.

HARTFORD, Conn., November 16, 1903.—Francis P. Robertson, the Quaker Hill paper manufacturer, has declared himself insolvent, and a petition in bankruptcy will be tiled in the United States District Court. Several attachments were placed on the mill property a few days ago to cover claims of Mr. Robertson's mother and E. J. Hempstead. Another attachment was placed on the property, Deputy Sheriff J. H. Tubbs serving the papers. This attachment is for \$1,700 to cover a claim of \$1,400 for stock furnished to the mill by Darmstadt, Scott & Courtney, of New York.

Manila Papers

Fibre Papers

Mill Supplies

CHAS. D. BROWN & CO.

MANUFACTURERS

156 and 158 Congress St., Boston, Mass.

WOOD PULP AND FIBRES

Straw Board Pulp Board **News Board**

DAPER COMPANY, MILLS AT CLAREMONT, N. H.

OFFICE OF COMPANY, BELLOWS FALLS, VT. BOOK PAPERS, SUPER and MACHINE FINISH.

TRAMARINE COMPANY. POTTER BUILDING, NEW YORK.

TRAMARINE

Manufacturers of HIGHEST GRADE UNBLEACHED SULPHITE FIBRE.

Made especially for BOOK, LEDGER, and BEST QUALITY of MANILA and TISSUE PAPERS.

Bleaching

Manufactured by DOW CHEMICAL CO., Midland, Michigan.

SODA ASH. 48 to 58 per cent., Light and Dense.

CAUSTIC

Manufactured by MICHIGAN ALKALI CO., Wyandotte, Mich.

CO., Sole Selling Agents, EDWARD HILL'S &

NEW YORK and DETROIT.

The United Box Board and Paper Company,

Manufacturers of all kinds of

BOX BOARDS PAPE

AND SOME SPECIAL PAPERS.

Daily Capacity, 1,550 Tons.

General Offices: 11 BROADWAY, NEW YORK.

WHITE MOUNTAIN PAPER CO.

Receivers Authorized to Issue Certificates to Complete Pur-chase of Kennett Mill—Company's Books Not Yet Produced—List of Claims Filed.

CONCORD, N. H., November 16, 1903.-In the United States Supreme Court last week Judge Aldrich issued an order authorizing the receivers of the White Mountain Paper Company to issue certificates to the amount of \$70,-000 to complete payments for the Kennett Mill and lumber property at North Conway.

Leading counsel in the case from New Hampshire, New York and Massachusetts were at the hearing. Julien T. Davies, of New York, appeared in behalf of the North

American Trust Company as trustee.

He filed a petition asking that the court authorize the consummation of a trade with Crosby Kennett, of Conway, for the acquirement of his mill property and considerable timber land. The petition provided also for an arrangement after its acquirement by the receiver of the White Mountain Paper Company for the benefit of either the mortgage bondholders of the general creditors, according as it should be ultimately determined which of the parties were entitled to the benefit of the property.

There was much discussion among the various counsel and the court in regard to whether this order should be made. There was also discussion concerning an application by Davies to withdraw from the original bill all allegations which set forth the insolvency of the com-

The receivers were finally granted authority to carry out a trade with Mr. Kennett and to issue receivers' certificates to the amount of \$70,000 to be paid to Kennett, Judge Aldrich stating that this proceeding was allowed for the purpose of preventing a forfeiture under the agreement with the North American Trust Company.

Authority was given the receivers to bring suit against the J. H. Horne & Sons Company, machine manufacturer, of Lawrence, Mass., for the recovery of certain machinery belonging to the company which it had regained possession of.

Judge Remich, one of the receivers of the company, said that efforts had been repeatedly made to secure the books

of the company now in the hands of the promoters in New York, but that the results of their efforts were a travesty on justice. Mr. Davies in reply said that the books would be secured within ten days. Judge Aldrich authorized the receivers to take whatever steps are necessary to gain possession of the books now in New York.

List of Claims Filed.

CONCORD, N. H., November 16, 1903.—The claims filed here up to date against the White Mountain Paper Company are as follows:

New Hampshire National Bank, Portsmouth,	\$75.00
N. H	1,761.66
Same, costs of suit	15.92
Joseph E. Hoxie, Portsmouth, N. H	485.00
Same, costs of suit	14.48
Rider & Cotton, Portsmouth	241.27
Same, costs of suit	14.48
Maryland Casualty Company, Boston, Mass	4,672.08
Same, costs of suit	16.10
J. A. & A. W. Walker, Portsmouth, N. H	2,782.00
Same, costs of suit	17.54
Page & Bartlett, Portsmouth, N. H	3,500.00
Derby Desk Company, Boston, Mass	193.20
Weed & Co., Buffalo, N. Y	2,269.50
The Paper Mill and Wood Pulp News, New	-,,-
York	925.00
Frost & Adams Company, Boston, Mass	285.66
R. H. Beacham & Son, Portsmouth, N. H	975.60
Same, costs of suit	17.12
Grueby-Faience Company, Boston, Mass	287.00
R. L. Fosburgh & Co	11,478.98
Davis & Farnum Manufacturing Company, Wal-	
tham, Mass	263.58
Morris E. Dunn, Portland, Me	1,348.27
R. B. McKim, Boston, Mass	145.75
J. H. Roberts & Co., Boston, Mass	262.50
Lawrence Cement Company, New York	7,910.16
Victor Manufacturing Company, Newburyport,	
Mass	709.23
Rockland-Rockport Lime Company, Rockland,	
Me	122.00
The time of filing claims has been extended	to Janu-

Boston Bowlers at Candle Pins.

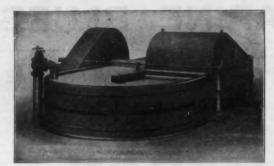
Eastern Office THE PAPER TRADE JOURNAL, 64 Federal Street, BOSTON, Mass., November 17, 1903.

Several of the paper jobbing firms of Boston are engaged in a candle pin tournament, the various teams meeting on Saturday afternoons. The games were started November 7 and will be continued until January 16. Each firm represented contributed \$10 to its team, and each team put up \$10, making a pot of \$140, which will be distributed in prizes for the best team work, the best individual score, for a consolation prize, &c. There are seven teams, made up as follows, with this score to date:

TEAM No. 1.	TEAM No. 4.
CARTER, RICE & CO.	JOHN CARTER & CO.
Young, Captain.	Daly, Captain.
Field.	Hall.
Leitch.	Proudfoot.
Prior.	Goodman.
Dudley.	Kelch.
Won 3, lost 3.	Won o, lost 3.
TEAM No. 2.	TEAM No. 5.
A. STORRS & BEMENT.	STONE & FORSYTHE.
Lyons, Captain,	Karnhein, Captain.
Rourke.	Reed.
Leahy.	Taylor.
Gibbs.	Binford.
Bott.	Sheridan.
Won I, lost 2.	Won 3, lost o.
TEAM No. 3.	TEAM No. 6.
COOK, VIVIAN COMPANY.	W. H. CLAFLIN & CO.
Nowell, Captain.	Beatty, Captain.
Paine,	Harnden,
Porter.	Denison.
Butler.	Ames.
Swan.	Knight.
Won 3, lost o.	Won o, lost 3.

TEAM No. 7. P. JORDAN COMPANY. Swanstrom, Captain. Wall. Mayo. Morrison. Andrews Won 2, lost I.

ary 9, 1904.



PATENT IRON OR WOOD TUB BEATERS, WASHERS OR MIXERS

TURBINE WATER WHEELS. Fly Bars and Bed Plates of all kinds.

PAPER MAKING MACHINERY.

Mechanical Engineers

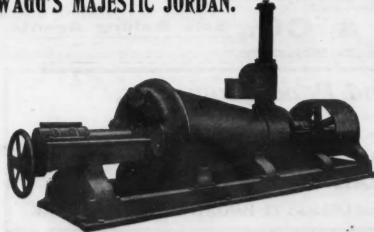
Beating Engines Washing Engines Mixing Engines Bleaching Engines Jordan Engines Rotary Pumps

Thrasher Dusters Fan Dusters Arm Dusters Railroad Dusters Devil Dusters Wheat's Rag Dusters



WAGG'S PATENT DUPLEX BEATER BAR.

WAGG'S MAJESTIC JORDAN.



Time of Beating, Power and Cost Greatly Reduced!!

R. J. DOWD KNIFE WORKS, BELOIT, WIS., WESTERN AGENTS.

PITTSFIELD, MASS.

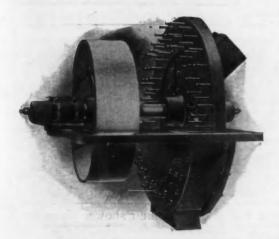
The Sandy Hill Iron & Brass Works,

SANDY HILL, N. Y.,

BUILDERS OF

Cylinder and Fourdrinier Paper Machines.

The Shortt Patent Combined Chipper and Crusher.



THESE machines are now in successful operation in a number of mills, demonstrating that they will do more work, much better and with less power than any device manufactured for chipping and crushing.

The West Virginia Pulp and Paper Co. have purchased three of these machines, and under date of April 29 sent us the following letter in attest of the complete satisfaction had with the machine:

"We have yours of the 27th, and beg to advise you the Combined Chipper and Crusher we are using here is making chips for our Soda Plant. The one in use at our Davis Plant is used in making chips for our Sulphite Plant there.

"We are very glad to advise you that the Chipper and Crusher is doing most excellent work, and we can unhesitatingly recommend it to anyone in the market for a first-class machine of this kind.

"Very truly yours,

"WEST VIRGINIA PULP AND PAPER CO.

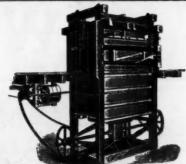
"D. L. Luke"

We will be glad to correspond with interested parties and to give reference enabling parties to correspond directly with the users.

BAKER & SHEVLIN CO.

Pulp and Paper Making Machinery,

SARATOGA SPRINGS, N. Y.



UNION FOUNDRY AND MACHINE CO. Bochester, N. Y., U. S. A.



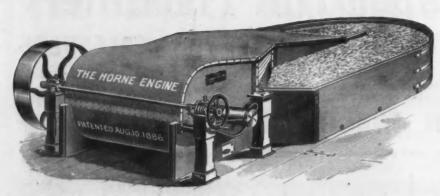
Elevating Conveying

Pulp and Paper Mills.

heerfully submitted

The Jeffrey Mfg. Co.

THE J. H. HORNE & SONS CO., Lawrence, Mass.



THE IMPROVED "HORNE" ENGINE. PATENTED AUGUST 10, 1886.

HIGH GRADE

BUILDERS OF

EXTRA HEAVY

General Paper Mill Machinery.

OUR NEW BOX PATTERN FRAME

Is Especially Designed for Fast Running Machines.



"Horne" Jordan

IS FAST

REPLACING

ALL

OTHER MAKES.



The Dayton



RAG ENGINES, WOOD PULP **GRINDERS** Shafting, Gearing, Pulleys, &c.



ESTABLISHED 1842.

VIRE WORKS. CHENEY BIGELOW

MANUFACTURERS

TELEPHONE 372.

FOURDRINIER WIRES. DANDY ROLLS, CYLINDER MOL

Sole Manufacturers of the BELL PATENT FLAT WIRE for Book Papers.

BRASS, COPPER and IRON WIRE CLOTH.

BANK and OFFICE RAILINGS and GRILLE WORK.

Manufacturers Of

CYLINDER MOLDS.

ALL KINDS OF

Satistaction Guaranteed.

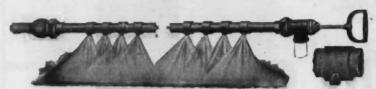
M. C. BURRELL, Manager of Sales Department,

ORDERS FILLED PROMPTLY.



LARGEST FACILITIES FOR MANUFACTURING.

Few Paper Manufacturers realize how great the percentage of the total water supply of the mill is used by their shower pipes, and that every gallon used beyond that necessary creates waste in power, paper stock and chemicals.



The MILLSPAUGH PATENT SHOWER PIPES do better work with an average of ONE-QUARTER the WATER.

Thousands of dollars may frequently be saved in the construction of a new mill and superior results be secured in operating same. Installations guaranteed.

SANDUSKY FOUNDRY AND MACHINE COMPANY,

Sandusky,

WALLACE WHITE, Manager.

JAS. T. LANIGAN, Jr., Pres. and Treas.

EDWIN CHURCHILL, Secretary.

MERSON MANUFACTURING GO

Manufacturers of Improved Paper Mill Machinery. HOLLAND BEATING ENGINES. JORDAN ENGINES.

Improved type. In successful operation in many of the leading mills.

Embodying our new style of Back Fall and Apron, together with other valuable features recently added. We build them in IRON, CYPRESS or PINE.

New designs for Calender Frames. Attractive and practical.

FOURDRINIER—PAPER MACHINES

Our patterns are new, and our machines are constructed in the most substantial manner. Plans and Estimates cheerfully furnished.

WE BUILD

Savage Patent Stuff Chests, Platers, Horizontal and Upright Stuff Chests, Dryers, Wet Machines, Vats and Drainers, Board Machines.

Pulleys and Shafting, Jordan Fillings, Cylinder Moulds, Bars and Bed Plates, Stuff Pumps, Centrifugal Pumps.

The Best Means for the Development and Utilization of



driving Paper Mills and Pulp Mills is afforded by the

FOR FURTHER PARTICULARS, WRITE

THE STILWELL-BIERCE & SMITH-VAILE CO.

M-46-403 to 415 Keowee Street, Dayton, Ohio, U. S. A.



only a Turbine that is UP-TO-DATE in every respect and built of lasting material. For this reason we have been the LEADERS in this line of work for the past FORTY-ONE YEARS.

WRITE DEPT. 88 FOR CATALOG

JAMES LEFFEL & CO., Springfield, Ohio, U. S. A.

McCORMICK TURBINES.



generator and a single turbine to drive exciter. Five settings built for the Hudson River Water Power Company's Spier Falls plant and 14 pairs 51 inch for their plant at Mechanicsville, N. Y.

Write for Catalogue, if contemplating purchase of Turbines.

MORGAN SMITH CO.

176 Federal St., Boston, Mass. York, Pa., U. S. A.



RISDON CYLINDER and REGISTER GATE TURBINES.

PEJEPSCOT PAPER MILLS, ME., have thirty-seven of these Wheels in use.

Full Gate. 7-8 8-4 5-8 Average.

Tests in Holyeke Flume, . .8694 .8472 .8014 . .7401 .8198

ALCOTT HIGH DUTY TURBINE.

TAYLOR SLEEVE GATE TURBINE.

obtained from a Wheel of the same diameter.

RISDON-ALCOTT TURBINE CO., Sele Manufacturers, Mount Holly, N. J., U. S. A.





GRATE BAR FOR ANY KIND



HAKING GRATES. DUMPING GRATES

VAN NOORDEN'S

Sheet Metal Skylights

You know the name; the ume tells the story — Van name tells the story — Van Noorden's. It means the most light, non-leaking, non-sweating, fireproof and self-venti-lating. Great strength with lightness assured. Superior to all other kinds. Catalogue tells the story; full data is yours when you request it.

E. VAN NOORDEN CO.,



Paper Stock.

J. & W. SMITH,

DUNDEE, SCOTLAND,

Packers and Shippers of

Clean Jute Threads, Clean Jute Ropes, Gunny Bagging.

Manila Ropes, Bleached Linen Cuttings and Bleached Linen Threads.

ENGINE CLEANING WASTES.

Wadding Westes,
Colored Jute Wastes, Blesched Jute Wastes, Pelting

Wastes and Carded Jute Tows.

CALCUTTA BUILDINGS. Works: . . COMMERCIAL COURT.

Warehouses: EXCHANGE STREET.

DUNDEE, SCOTLAND.

For the Same Space Occupied,

THE SIMPLEX VARIABLE SPEED COUNTERSHAFT

WILL TRANSMIT 40% MORE POWER THAN ANY VARIABLE SPEED

WILL TRANSMIT 55% MORE POWER THAN ANY CONE ARRANGEMENT.

Where space is limited and transmissions are fixed, we design each "SIMPLEX" to fit the existing conditions.

THE SPEED CONTROL CO., THE BOURSE, PHILADELPHIA, PA.

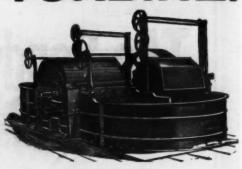
NEW AME



The Dayton Globe Iron



RAG ENGINES, WOOD PULP **GRINDERS** Shafting, Gearing, Pulleys, &c.



CHENEY BIGELOW WIRE WORKS.

MANUFACTURERS

372.

FOURDRINIER WIRES, DANDY ROLLS, CYLINDER MOL

BRASS, COPPER and IRON WIRE CLOTH. BANK and OFFICE RAILINGS and GRILLE WORK.

Sole Manufacturers of the BELL PATENT FLAT WIRE for Book Papers.

CYLINDER MOLDS.

Manufacturers Of

ALL KINDS OF

M. C. BURRELL, Manager of Sales Department,

ORDERS FILLED PROMPTLY.



LARGEST FACILITIES FOR MANUFACTURING.

Few Paper Manufacturers realize how great the percentage of the total water supply of the mill is used by their shower pipes, and that every gallon used beyond that necessary creates waste in power, paper stock and chemicals.



The MILLSPAUGH PATENT SHOWER PIPES do better work with an average of ONE-QUARTER the WATER.

Thousands of dollars may frequently be saved in the construction of a new mill and superior results be secured in operating same. Installations guaranteed.

SANDUSKY FOUNDRY AND MACHINE COMPANY. -

Sandusky, Ohio.

WALLACE WHITE, Manager.

JAS, T. LANIGAN, Jr., Pres. and Treas.

EDWIN CHURCHILL, Secretary.

ERSON MANUFACTURING

Manufacturers of Improved Paper Mill Machinery. JORDAN ENGINES. HOLLAND BEATING ENGINES. CALENDERS.

Improved type. In suc-cessful operation in many of the leading mills.

Embodying our new style of Back Fall and Apron, together with other valuable features recently added. We build them in IRON, CYPRESS or PINE.

New designs for Calender Attractive and practical.

-PAPER FOURDRINIER-MACHINES—CYLINDER.

Our patterns are new, and our machines are constructed in the most substantial manner. Plans and Estimates cheerfully furnished.

WE BUILD

Savage Patent Stuff Chests, Platers, Horizontal and Upright Stuff Chests, Dryers, Wet Machines, Vats and Drainers, Board Machines.

Pulleys and Shafting, Jordan Fillings, Cylinder Moulds, Bars and Bed Plates, Stuff Pumps, Centrifugal Pumps.

Best Means for the Develop



by the most modern, economic and improved methods for driving Paper Mills and Pulp Mills is afforded by the

Our various types of wheels enable us to build them successfully for heads up to 2,000 feet.

FOR FURTHER PARTICULARS, WRITE

THE STILWELL-BIERCE & SMITH-VAILE CO.

M-46-403 to 415 Keowee Street, Dayton, Ohio, U. S. A.



It has always been our policy to put on the market only a Turbine that is UP-TO-DATE in every respect and built of lasting material. For this reason we have been the LEADERS in this line of work for the past FORTY-ONE YEARS.

WRITE DEPT. BB FOR CATALOG.

JAMES LEFFEL & CO., Springfield, Ohio, U. S. A.

McCORMICK



generator and a single turbine to drive exciter. Five settings built for the Hudson River Water Power Company's Spier Falls plant and 14 pairs 51 inch for their plant at Mechanicsville, N. Y.

Write for Catalogue, if contemplating purcha

S. MORGAN SMITH CO. 176 Federal St., Boston, Mass. York, Pa., U. S. A.



RISDON CYLINDER and REGISTER GATE TURBINES.

PEJEPSCOT PAPER MILLS, ME., have thirty-seven of these Wheels in use.

Full Gate. 7-8 8-4 5-8 Average.

Tests in tiolycke Flume, . .8694 .8472 .8014 .7601 .8198

ALCOTT HIGH DUTY TURBINE.

Steady Motion. Simple, Durable

TAYLOR SLEEVE GATE TURBINE.

RISDON-ALCOTT TURBINE CO., Solo Manufacturers, Mount Holly, N. J., U. S. A.



IN BESTANCHEAPEST



GRATE BAR FOR ANY ELIND



SHAKING GRATES. DUMPING GRATES.

VV. VV. TUPPER & CO.
39-41 Cortlandt St., NEW YORK.

VAN NOORDEN'S

Sheet Metal Skylights

You know the name; the name tells the story — Van Noorden's. It means the most light, non-leaking, non-sweating, fireproof and self-ventilating. Great strength with lightness assured. Superior to all other kinds. Catalogue all other kinds. Catalogue tells the story; full data is yours when you request it.

E. VAN NOORDEN CO., Massachusetts Ave., Bost



Paper Stock.

J. & W. SMITH,

DUNDEE, SCOTLAND,

Packers and Shippers of

Clean Jute Threads, Clean Jute Ropes, Gunny Bagging,

Manila Ropes, Bleached Linen Cuttings and Bleached Linen Threads.

ENGINE CLEANING WASTES.

Wadding Wastes,
Colored Jute Wastes, Blesched Jute Wastes, Pelting

Wastes and Carded Jute Tows.

Offices: . . CALCUTTA BUILDINGS. Works: . . COMMERCIAL COURT. Warehouses: EXCHANGE STREET.

DUNDEE, SCOTLAND.

For the Same Space Occupied,

THE SIMPLEX VARIABLE SPEED COUNTERSHAFT

WILL TRANSMIT 40% MORE POWER THAN ANY VARIABLE SPEED

WILL TRANSMIT 55% MORE POWER THAN ANY CONE ARRANGEMENT.

Where space is limited and transmissions are fixed, we design each "SIMPLEX" to fit the existing conditions.

THE SPEED CONTROL CO., THE BOURSE, PHILADELPHIA, PA.

NEXT WEEK'S RUN.

What Specialty and Color Mills Will Make During the Week Beginning November 23—Dealers Can Shape Orders Accordingly.

The following are the runs which will be made by the mills named during the week beginning November 23: BOND.

Hammermill Paper Company, Erie, Pa.-Colored. ANTI-RUST.

Smith Paper Company, Lee, Mass.
COPYING TISSUE.

Smith Paper Co., Lee, Mass.-White and parchment. COVER.

American Writing Paper Company, Holyoke, Mass.— Standard covers in scarlet, nile green, fawn, dark green, steel gray and silver gray. Elite covers in opaline. Paradox covers in primrose.

Niagara Paper Mills, Lockport, N. Y .- Queen and Sultan covers.

DUPLEX BOARDS.
Fort Orange Paper Co., Castleton, N. Y.—Buff and white. FIBRE TISSUE EXPRESS.

McDowell Paper Mills.—Ox blood, basis 24x36-25, 30 and 40 pounds, cutter rolls, jumbo rolls and sheets.

JACQUARD BOARDS. Fort Orange Paper Company, Castleton, N. Y. SILVER TISSUE.

Smith Paper Company, Lee, Mass. SUPERFINES.

Hammermill Paper Company, Erie, Pa. SUPERFINE.

Hammermill Paper Company, Erie, Pa.-Colored.

Low Water Continues at Holyoke.

Western Massachusetts Office
THE PAPER TRADE JOURNAL.
HOLVOKE, Mass., November 17, 1903.

Restrictions as to the use of water which the mills have

been compelled to contend with for the past few weeks will be in force again this week unless there are rains to the north. The Water Power Company has removed the restrictions today temporarily, but the outlook for water is no more favorable than last week except that "rain or snow" is predicted.

The mills are beginning to fear trouble from low water this winter. The present month should be fairly wet in order that the streams may be full when freezing weather strikes them. The mills have not thus far been seriously affected, but the run of the river is falling lower each week, and without rain the 50 per cent. restrictions in force now will be cut down to allow only the use of water contracted FERRY.

Jobbers in Wrappings Meet.

Western Publication Office
THE PAPER TRADE JOURNAL,
96 Monadnock Building,
CHICAGO, Ill., November 16, 1903.

It is reported that the dealers in wrapping papers have been discussing the question of how to get more money for their goods so that after paying cartage and store expenses there might be something left for the jobber himself. A meeting was recently held at the Briggs House at which this matter was discussed at some length. It is said that the jobbers are tired of having to pay \$1.15 for some goods and selling them at \$1.20. It is said, furthermore, that while there is no association nor any prospect of one the remarks made at the meeting will take hold, in all probability, and result in a more satisfactory price arrangement on certain goods.

Shut Down for Lack of Wood.

[FROM OUR REGULAR CORRESPONDENT.]
DAYTON, Ohio, November 17, 1903.—For the first time in many years the American Envelope factory at Carrollton and the paper and pulp mills of the Geo. H. Friend Paper and Tablet Company were closed last Friday evening and remained idle until today, when a new supply of wood arrived. A short time before it was necessary to close certain portions of the plant, owing to the lack of stock; but this is the first time for years that the entire plant suspended operations.

Tacoma Paper House Burned Out.

TACOMA, Wash., November 16, 1903.—Fire yesterday destroyed the buildings occupied by the H. N. Richmond Paper Company.

New Paper Mill at Boney Falls.

[FROM OUR REGULAR CORRESPONDENT.]
APPLETON, Wis., November 16, 1903.—J. W. Wells, man-

the Isaac Stephenson Company, of Menominee, ager of Mich., which already has large paper manufacturing in-terests, is authority for the statement that his company is considering the matter of building a new paper mill next year on the Escanaba River at Boney Falls. The power is at present undeveloped. It is expected that the building of a dam will be begun in the spring. In addition to the paper mill an electric power transmission plant will be put in which will furnish power for mining operations in the neighborhood and also for the city of Escanaba.

Fox RIVER.

New Pulp Company in Quebec.

QUEBEC, Que., November 16, 1903.-Another important manufacturing enterprise is shortly to be in active operation in the province, backed by American capital. Part of the extensive Ordway limits on the Metapedia River have been purchased by a syndicate of wealthy Americans, headed by Frank D. Wilsey, of New York. The new company has been incorporated at Ottawa, under the name of the Mill Stream Lumber Company. A site has been chosen and the necessary arrangements made for the construction of an extensive plant. Although the limits already purchased are not extensive, the Metapedia district is rich in limits of the nature required. It is expected that the construction of the plant will be proceeded with in early spring.

The Southern Paper Mills.

ATLANTA, Ga., November 16, 1903.-The Southern Paper Mills, one of the late additions to Atlanta's list of industries, is the only concern of its kind south of the Ohio River.

The plant, of which E. H. Peck is proprietor and manager, will have a capacity of 4 tons of binders boards per day. A paper expert from New England is in charge of the plant and a high standard of excellence is maintained in the manufacture of the goods. It is announced that the manufacture of box boards will be begun within the next sixty days. The concern is utilizing to some extent material that has heretofore been waste.



PATENTS

to suffer from fire?

W.E. CALDWELL CO.

"Absolutely safe and reliable. Ask your friends." Whose Turn Next to suffer from fire? Save your factory by erecting a CALDWELL CYPRESS TANK on a CALDWELL STEEL TOWER, which will insure abundant water supply at high pressure for every need. The cost for this service is not excessive, as our catalogue and price list will prove? May we send it?

There is Only ONE ALBANY



ook out for YELLOW Label.

ial offer, a Sample can of Albany with an Albany Grease Cup charge or expense for testing.

And we are the ONLY MAKERS.

We have solved the problem of economical

Cost of using oils Cost of using Albany Grease

We are in a position to furnish you our Albany Grease at prices consistent with the excellent quality of the goods. A trial order will convince you.

Especially adapted to Paper Mill Machinery as well as to General and Electrical Machinery.

Adam Cook's Sons,

313 West St., New York City, U. S. A. Brauch. 21 S. Canal St., Chicago, Ill.

The W. S. Tyler Company 36

CLEVELAND, OHIO.

FOURDRINIER

Cylinder Faces and Washer Wires.

Tanks of Cypress or Yellow Pine. Heavy Paper Mill Work



Our Air-Dried Cypress is remarkable for its great durability. V from the stump, and have twenty million fe OUR TANK FACTORY IS C THE A. T. STEARNS LUMBER COMPANY, BOSTON.

ALL TYPES

WET MACHINES, STUFF PUMPS, WATER PUMPS, FINISHING CUTTERS, BUNDLE CUTTERS, Etc.

REWINDERS.

IMPROVED "LEADER" SCREEN. BEST IN THE MARKET. Write for information

BELOIT IRON WORKS,

BELOIT, WIS., U. S. A

Agent for Scandinavia and Finland: C. S. CHRISTENSEN, Christia

Appleton Woolen Mills,

APPLETON, WIS.



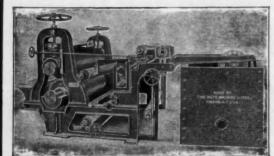
PAPER

We have not only demonstrated our ability to compete in all PAPER MAKERS' FELTS AND JACKETS, but in most lines claim to lead our competitors.

CORRESPONDENCE SOLICITED.

LATEST AND GREATEST

ASK



Battle Island Paper Co. Bayless Pulp & Paper Co., Chicoutimi Pulp Co.,

about our latest

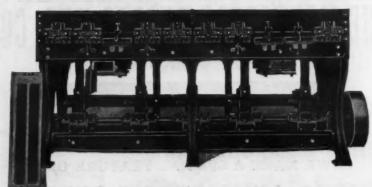
WET MACHINE

It's the best on the market.

S MACHINE WORKS, FULTON, N. Y.

PULP GRINDERS, WET MACHINES, BEATING INGINES, ETC.

CRANE FITTINGS



HE SMITH SCREEN, while embodying all of the essential features of the best , Screens in the market, has several very important improvements that no other Screen possesses.

1st. The quick and easy manner in which the plates can be taken out and replaced.

2d. The improvement in the plates themselves.

3d. The simplicity of construction in the parts and connections that give motion to the diaphragms.

the disphragms.

No special foundation is required, as it runs at a low speed and is perfectly balanced.

As there are no screw holes in the plates they are much stronger and are less liable

As there are no screw holes in the plates they are much stronger and are less liable to crack.

The construction of the parts that give motion to the diaphragms is so simple that there is less liability of breakage or derangement, there being no piston rod working in bearings to wear and become loose. The spring that holds the connection in contact with the cam is made of wood, reinforced by an elliptical steel spring that is adjustable. The lignum vitæ blocks can be set up to the cam as they wear by means of a wedge key that can be adjusted while the Screen is running.

We can furnish this Screen in either eight, ten or twelve plate sizes, to take plates, 13x40, 12x42, 12x43, and are able to quote on any odd size plate that may be required. We guarantee perfect satisfaction in every instance to our customers. The cut shows the method of removing the plates, which is done by raising the cam handle and allowing the door to drop, then taking hold of end of plate and inserting fingers in holes that are made for that purpose and pulling out the plate.

The plate is fitted in a dovetail groove and is tapering, so that as soon as it is started it is free to slide out. But when it is locked in position it is tight and solid, as the door is provided with set screws that come in contact with the end of the plate and hold it firm in its place.

The plates fit in metal grooves and are supported in such a manner that it is impossible for them to work loose.

These Screens are furnished with either the new style top, allowing the plates to slide in, or with the ordinary top, where the plates are screwed in.

THE SMITH PAPER MACHINERY CO.,

THE SMITH PAPER MACHINERY CO., BELLOWS FALLS, VT.

AMERICAN MADE ANILINES FOR AMERICAN PAPER MAKERS.



THE HELLER & MERZ CO.

New York.

Boston.

Chicago.

Philadelphia.

"Headquarters for All Colors used by Paper Manufacturers."

KLIPSTEIN

122 PEARL STREET, NEW YORK,

Congress St., Boston. 186 Kinzle St., Chicago. North Front St., Philadelphia. 17 Lemoine St., Montreal.

DYESTUFFS and CHEMICALS.

CHINA CLAY,

BLEACHING POWDER. SOLE AGENTS FOR THE SOCIETY OF CHRNICAL INDUSTRY, BASLE, SWITZERLAND.

The General Electric Company,

Generators and Motors of all sizes.

MAIN OFFICE: SCHENECTADY, N. Y.



THE VILTER MFG. CO., 1012 Clinton Street, Milwaukee, Wis.



with Girder or Heavy Duty Type Bed.

IN USE WITH A GREAT MANY OF THE LEADING PAPER AND PULP MILLS.

Refrigerating Machinery.



Heintz Steam Trap.

It takes five months to make it and test it. But it takes less than thirty days to show you that it will pay for itself in six months.

Try it, therefore, for thirty days and see how much less your coal bills are. If you like it, buy it. If not, don't. Send for Booklet "6."

WILLIAM S. HAINES CO., 136 South Fourth St., PHILADELPHIA.

DRAPER" FELT

DRAPER BROS. CO.

CANTON, MASS.

WE SOLICIT ORDERS FOR

Cylinder Fourdrinier

SATISFACTION GUARANTEED.

LOGGING IN MAINE.

Men Now at Work Getting Out Wood-There Is No Decline of the Industry-Some Figures as to the Cut, Wages, Etc.

Bangor, Me., November 16, 1903.—If all the logging crews now at work in the woods of Maine were working for one man, that man would need at least \$3,000,000 to meet his pay roll next spring, for there are now chopping and hauling, swamping and yarding, scaling and cooking, and doing other woods work, about 20,000 men, and they will get in about five months each, at an average of \$30 a month. When this army of loggers shall have finished its campaign against the spruces and pines, poplars and hemlocks, there will be piled upon the landings and in the yards about 800,000,000 feet of timber, waiting for another army, less numerous but more agile, to come and navigate the sticks down stream to the booms, where still a third army, the rafters, will sort out the different marks of logs and send them along to the mills of the respective owners.

People who don't know much about the business talk of the "decline" of Maine's lumber industry. These people will probably be surprised to learn that more logs will be cut in Maine this coming winter than ever were cut in a single season before, and that a spruce log is worth more money today than in the best of the so called flush times. wenty years ago, when many other kinds of business were dull, Maine's logging industry seemed to have fallen into a decline, but just then along came the pulp makers, and at once the prospect brightened. At first the mills for grind-ing pulp were small, and only small trees were cut for their supply, but bigger and bigger mills were built, and pulp men began to take logs as large as any that went to the saw mills. After a few years of buying logs the pulp men began to buy great tracts of timberlands, paying therefor the highest prices ever known in Maine. They sent in crews and cut their own logs, and gradually extended the scope of their operations, until now they rank about even with the sawmill men in the quantity of timber cut and consumed.

In Maine last season, out of a total cut of 750,000,000 feet over 300,000,000 feet of logs went to the pulp mills, while of a total cut in New England and the Maritime Provinces of 2,175,000,000 feet the pulp mills took 575,000,000 feet; sawmills, 1,575,000,000 feet, and 25,000,000 feet was shipped as piling.

Just as the oldtime teamsters and stage drivers cursed the first railroads as a damage to the country, so have of the oldfashioned loggers declared that the pulp mills would be the ruination of Maine. But, although there is an inevitable and continual conflict between the saw mill and pulp mill interests, both industries seem to be getting along all right, and the pulp mill is regarded as a blessing by many thousands. Men who owned timber lands and sold to the pulp companies got higher prices than they ever dreamed of getting, while those who retain their lands are getting a much higher rate of stumpage than ever before. More loggers are employed: competition between the two interests has sent the price of labor up, and the demand for logs to make into pulp has increased the price of spruce at Bangor from \$11 to \$13 per 1,000 feet twenty years ago to \$14 and \$17 today. The pulp industry has revived sleepy and decaying sawmill villages, built up brand new towns in the depths of the wilderness, and made valuable a hundred water power privileges that were idle and comparatively worthless twenty years ago.

The pulp men have built dams and made other costly

improvements on the driving streams, and are planning now, notably on the west branch of the Penobscot, for the storage of vast bodies of water that now run to waste in the spring freshets, causing great damage to property. Held in the lakes that feed the rivers, this water will be sufficient to keep up the driving pitch in dry weather, and provide continuous power for many mills that are now often shut down in midsummer because of drought. Thirty millions of dollars have been invested in the pulp and paper industry in Maine, and the business is yet expanding. One mill—that of the Great Northern Paper Company, at Millinocket, on the west branch of the Penobscot-represents an investment of about \$4,000,000, and about it has grown up a village of 2,300 people, where five years ago the only building was a 10x12 flag station on the Bangor and Aroostook road.

In the sawmills, too, progress is the order of the times. The old fashioned rotary and mulay have been superseded by the bandsaw and the resaw. The head sawyer is a man of genius, who gets out of a log every possible ch of lumber. In olden times the slabs were large and thick and overboard they went, as so much worthless waste. Now the slabs are few and very thin, and all waste that cannot be made into short lumber of some kind goes to the pulp mills. Some of the sawmills have pulp mills in connection for the utilization of this waste. Even the sawdust is used now

NEW CORPORATIONS.

New Era Printing Concern, Darlington, Ga.—Capital stock, \$300,000. President, L. J. Drew, and secretary, E. C. Dennis

Smith-Powell Paper Company, Washington, D. C.-Capital stock, \$20,000. Incorporators, J. George Smith, J. Thielman Hendrick and Eris Powell.

The Card Index Company, New York.—To manufacture and indexes. Capital stock, \$2,000. Directors, D. L. Jones, N. C. Jones and H. D. Watson, all of New York.

Patent Mailing Souvenir Company, New York .- To manufacture advertising novelties. Capital stock, \$6,000. Incorporators, H. W. Kupper, H. C. Traute and Russell

The Standard Paper Company, Indianapolis, Ind.—Capital stock, \$35,000. Incorporators, A. M. Rosenthal, Edward A. Eckhouse, Edward M. Rosenthal, Charles G. Pugh and Herbert S. Eckhouse.

Banner Printing Company, Piggott, Ark.-Capital stock, \$4,000. President, G. E. Williams; vice president, R. H. Dudley; secretary and treasurer, J. K. Browning; business manager, Louis Spence.

United Labor Journal Building and Publishing Company, Memphis, Tenn.—Capital stock, \$15,000. Incorporators, E. F. Grace, G. L. Chighizola, T. Geisenberg, G. Fleming and I. B. Myers.

The Indestructible Fibre Company, of Massena, N. Y.—Capital stock, \$200,000. Directors, W. M. Cornell, of Massena, and L. H. Stevens, H. B. Parsons, Clendenin Eckert, G. E. McLeod, E. W. A. Jorgensen, G. D. Webber, H. F. Taylor and E. C. Wright, of New York.

Colonel Mead May Be Adjutant General.

DAYTON, Ohio, November 17, 1903.—It is reported on fairly good authority that Col. H. E. Mead, of the Mead Paper Company of this city and Chillicothe, will be appointed Adjutant General of the State by Governor-elect Herrick. They have been close friends for years, and as colonel of the Third Regiment Mr. Mead has frequently come in contact with Mr. Herrick in an official capacity. It is stated that Governor Herrick met Colonel Mead in Pittsburg last week and made the tender, though the latter is undecided whether he shall accept. It is reported that Governor Herrick will make up his staff from the colonels of the State regiments.



Franklin H. Kalbfleisch, President. R. E. Clemens, Vice-President.

ERIE CHEMICAL WORKS.

ERIE. PA.

FRANKLIN H. KALBFLEISCH CO., Selling Agents, 31, 33 and 35 Burling Slip, NEW YORK.

Makers of all

Grades of ALIV For the Paper

"IVORY,"

"ULTRA,"

"NEWS,"

"UNION."

"ERIE,"

"BEE,"

FILTER ALUM.

PLEASE WRITE FOR QUOTATIONS.

18 Vesey Street, New York.



WE MAKE A SPECIAL FEATURE OF

PRESS, COUCH, SIZE AND SQUEEZE

Rolls for Paper Makers' Use.



MANUFACTURERS OF HIGH GRADE

Rubber Belting, Packing, Gaskets and Underwriters' Fire Hose.

FACTORIES: PASSAIC, N. J. 103 LAKE STREET, CHICAGO. 60 PEARL STREET, BOSTON.

THE NATIONAL MANUFACTURING CO.

WALTER BROWN, Secretary and General Manager,

Elkhart, Indiana, U.S.A.

BUILDERS OF

PAPER BAG MACHINERY, BAG DRYERS and CAPS BROTHERS' SPECIAL PRINTERS' MACHINERY.

We manufacture machines for making from the roll
Flat, Square and Satchel Bottom, Manila and Sugar
Bags, Nail and Millinery Bags, Banana Bags.
Cement, Flour and Meal Sacks.

Also WEB FEED, FAINT LINE RULING MACHINES.

Two Color Roll Printing Press.

TWO COLOR, ALL SIZE, SHEET and ROLL ROTARY PRESS.

One Color Roll Paper, Sheet and Bag Printing Press.

Automatic Sheet Cutter Press.

One Color Roll Wrapping Paper Press.

Roll Paper Press for printing-two sides of sheet.

Roughing or Embossing Machine.

We also build complete STEREOTYPING OUTFITS for both FLAT and CURVED PLATES.

Our machinery is in use in the leading plants connected with the paper industry throughout the country.

BRANCH OFFICE:

317 and 319 Southwest Boulevard,

Kansas City, Mo.

The Paper Trade Journal.

DEVOTED TO THE INTERESTS OF

THE AMERICAN PAPER TRADE. PUBLISHED EVERY THURSDAY

LOCKWOOD TRADE JOURNAL COMPANY.

150 Nassau Street, New York.

TERMS OF SUBSCRIPTION:

United	States,	Canada	or Mer	Kico,					per year,	\$4.00
Foreign	Count	ries in	Postal	Uni	on,				64	6.00
Single	Copies,								10	cents
express	ments for money of-town	order,	post o	ffice	orde	r or	regii	ny be stered	made by letter.	draft, Checks

Other Publications of Lockwood Trade Journal Company:

American Stationer, Lockwood's Director				\$2.00
ery Trades, annually		BHU.		3.00

Cable Address: Catchew, New York. Telephone: 2684 John.

Western Publication Office—Evan Johnson, Room 936 Monadnock Building, Chicago.

Boston Office—A. L. DELESDERNIER, 64 Federal Street, oston, Mass.

Western New England News Office—OSCAR C. FERRY, Holyoke, Mass.

Southwestern Off.ce—R. W. BROOKS, 418 Security Building, St. Louis, Mo. London Office—S. C. PHILLIPS & Co., 47 Cannon St., London, E. C., England.

THE PAPER TRADE JOURNAL is the pioneer publication in its sid and has for many years been the recognized Organ of the merican Paper Trade. As a medium for reaching the trade in all a branches it is suspproached.

NEW YORK AND CHICAGO, THURSDAY, NOVEMBER 19, 11(8,

Western Office of "The Paper Trade Journal."

Subscribers and advertisers in the West should bear in mind that the Western office of THE PAPER TRADE JOURwal is located at 936 Monadnock Building, Chicago. charge of Mr. Evan Johnson, who will receive advering and subscription orders and news items for the company's publications, all of which are kept on file. rs of the trade are invited to make the office their headquarters.

CONTENTS OF THIS NUMBER. American Pad and Paper Company Assigns..... 643

Paper Products Company Starts Business	640
DEPONITE ON DENAME AND DESCRIPTION	043
REPORTS ON DEMAND AND PRICES	044
Alleged Water Pollution	045
St. John Sulphite Pulp Company	645
Southern Book Publishing Company	645
Developing Water Power at Rothchild	645
"Soo" Pulp Mill Started. NEW YORK JOTTINGS	645
NEW YORK TOTALICE	
NEW YORK JOI IINGS	045
Wall Paper Changes	646
Receiver for Henneberry Company	646
NOTES OF THE TRADE	647
Insolvency of F. P. Robertson	647
White Mountain Danes Company	648
White Mountain Paper Company	
Boston Bowlers at Candle Pins	648
NEXT WEEK'S RUN	052
NEXT WEEK'S RUNLow Water Continues at Holyoke	652
Jobbers in Wrappings Meet	652
Shut Down for Lack of Wood	652
Shut Down for Lack of Wood	
Tacoma Paper Flouse Burned Out	052
New Paper Mill at Boney Falls	652
New Pulp Mill in Quebec	652
The Southern Paper Mills	652
Logging in Maine	654
Logging in Maine	
NEW CORPORATIONS	654
Colonel Mead May Be Adjutant General	654
EDITORIAL—	
Alleged Water Pollution	656
Mild Form of Blackmail	656
TRADE PERSONALS	657
OBITUARY—	-31
Ezra D. Barker	6
Ezra D. Darker	057
J. R. Duncan	057
J. R. Duncan	057
Damage to Tonawanda Mill	657
NEWS FROM THE MILLS	658
New Jersey Paper Tube Company	658
Watertown Beats Carthage	658
Naval Stores	660
B. F. T. Jenney Surprised	660
Photographing Drawings Without a Camera	660
Growth of Paper and Pulp Making	662
A Question of Water Rights	662
	662
Duty on Memorandum Books	
Wisconsin Weather Conditions	662
C. J. Kemper Resigns. Pulp, Paper and Paper Bag Project. IMPORTS	662
Pulp, Paper and Paper Bag Project	662
IMPORTS	666
Paper Makers as Canal Boat Men	
J M. Cox Owns Dayton News	
M. Cox Owns Dayton News	666
	667
September 1 mp Exports	667 667
Philadelphia Straw Board Company Burned Out	667
September Pulp Exports Philadelphia Straw Board Company Burned Out MARKET REVIEW—	667 667
Philadelphia Straw Board Company Burned Out MARKET REVIEW— New York.	667 667
New York	667 667 667
New YorkPhiladelphia	667 667 667 668 668
New York	667 667 668

Alleged Water Pollution.

There has been a great cry in the daily papers about the pollution of Lake Champlain by two pulp mills, one making soda fibre and the other sulphite fibre. It has been represented that the shores of the lake were covered with slime that the water was unfit for use, that it gave off offensive odors, that even animals refused to drink it and that fish had died in quantities, all because the two mills in question discharged their refuse into streams that emp-

The entire campaign in the matter seems to have been engineered and the agitation kept up by a New York dry goods man who has property on the lake, but up to date there has not been a single word of official utterance on the subject, nor has there been anything at all except the opinions of the dry goods man and his forecast of what the opinions of officials now carrying on an investigation are to be, and his opinions and his forecasts have been furnished to the daily papers in a quantity sufficient to justify the suspicion that he has a publicity bureau in full working order.

The mills in question are operating under permits issued by the State Board of Health, and, of course, they carry on their operations, just as does everyone else, subject to a liability enforceable through the courts, for any actual damage that they do, either by polluting water or injuring persons or property in any way.

Complaint has been made to the State Board of Health that these mills are polluting sources of water supply. The Board of Health has taken the matter up and is now investigating it. Professor Landreth, accompanied by the dry goods man in question, visited the mills, took some fifty samples of the water, and will make his report in due time. No one has seen his report, and it is officially declared that there is not any report in existence, Professor Landreth being yet engaged in analyzing the water and preparing his data for that report. Yet immediately after Professor Landreth's visit to the mills there appeared simultaneously in many New York papers interviews with the dry goods man in question, in which that gentleman told that Professor Landreth had found evidence strongly corroborating the allegations made in the complaint. Even were the dry goods man a mind reader or more, so that he were able to know what Professor Landreth had found and what he would report even before the professor himself knew what he had found or would report, it would seem as though common courtesy would dictate that he should keep such advance information to himself. He has already discredited Professor Landreth's report by stating that that gentleman had found a condition of affairs similar to that set forth by the complainant. Professor Landreth is acting in an official capacity, his report is an official matter and it is fair to assume that it will be made through the regular official channels and to the proper officials before it is given out for publication. Most assuredly the dry goods man in question does not know what that report is to be, or if he does, the report, whatever it may be, will be absolutely useless as a scientific and official docu-

Again Dr. Lewis, president of the State Board of Health, who has personally inspected the mills, has been represented as saying that there was pollution, due to the pulp mills, and that further, Onondaga Lake was polluted to an extreme degree by the pulp mills in its vicinity. Dr. Lewis denies making any such statements as are attributed to him and says that his words have been distorted and that he himself has been put in a false light by the statements

Again Dr. Wiltse, State Chemist of Vermont, is reported to have stated that the charge against the pulp mills was true, and that Burlington water had an offensive odor and contained dead fish, both due to contamination by refuse from pulp mills. Dr. Wiltse denies that he said any such thing, or that Burlington water is so contaminated, and, putting the case mildly and courteously, says that the dry goods man must have "misunderstood him.

The fishing in Lake Champlain is admitted poorer each year, but this fact is undoubtedly due to the seining that is allowed in its waters and not to pulp mill refuse. The lake is a very considerable body of water and it does not

seem at all possible, even were the complainants' story well founded, that it could be polluted by the mill discharges in question.

The whole campaign against the pulp mill men has been unfair. Instead of making complaint and awaiting official investigation and determination of it, the complainant has carried on a newspaper war, while the pulp men have simply awaited results. If the complainant has been damaged, he has his remedy through the courts, but this is not the plan that he favors. He would rather have the State of New York "pull the chestnuts out of the fire for him" and pay the bills and suffer the damages incidental thereto.

The maker of pulp and paper is a power for good in the community and all he asks is fair play and the privilege of carrying on his business in a lawful way. He is fully aware of his responsibilities and does not seek to avoid them. On the other hand, he believes that he has some rights and that those rights, like those of other citizens of the State, should be protected.

Mild Form of Blackmail.

The members of that branch of trade that sells raw material, wires, felts, and other supplies to paper manufacturers have been pestered for years by begging letters, particularly from one man, who, according to his own statements, has been employed in New England and Middle States mills. He always pleads his own or his family's sickness, or says that he is out of employment, but is offered employment at another mill, of which opportunity, however, he is unable to avail himself because he does not possess the money with which to pay the railroad fare. Such being the case he asks the recipient of the letter to send him the fare-eight, ten, twelve, or whatever number of dollars it may be. One particular point in his letter is that he has used the felts, or wires, or pulp of the man to whom the letter is addressed, and the plain inference to be drawn is that he should be pecuniarily rewarded for so doing, or in case he is not, he will see that the other fellow's felts, wires and pulp are used. In other words, the scheme is one of mild blackmail, known in these modern days as "graft."

In this special case the man has kept up his appeal through a long series of years, and THE PAPER TRADE Journal has possession of many of his letters. Of late he had not been heard of much, but last week some new epistles reached New York and were turned over to us.

No industry or trade comprises in its membership more charitably inclined men than are to be found in the paper line. They are always willing to help worthy but less fortunate ones, but they object seriously to being held up by threats such as are made in letters of the character of the one quoted. They more than object to it. They simply will not be so held up, and we advise the writers of such letters to cease their work before trouble overtakes them.

When the Government published the results of the 1900 census it reported that there were 763 paper making "establishments" in the United States, an "establishment" being one or more mills located in one place and owned by the same person, firm or corporation. At the time we pointed out that the announcement of the Government would lead to error, and that readers of the census returns would infer—and not improperly—that there were only 763 paper and pulp mills in the country. The facts have justified our remarks, and in its issue of November 14 the Scientific American states that there are "763 paper making plants in the United States." That is not a corment. There are 1,149 mills owned by 768 individuals, firms and corporations, and the details as to all these plants are recorded in the twenty-ninth annual edition of Lockwood's Directory of the Paper, Stationery and Allied Trades. It is a pity that the Government should publish misleading statements, and it is more of a pity that such a paper as the Scientific American should republish them without calling attention to their inac-

The Paper Products Company, the new box board selling agency, has begun business, and will shortly issue a price list. The list has been outlined and is now in the hands of a committee. It will probably not show many

THE PAPER TRADE JOURNAL is the great want medium of the paper trade field, both for employers and employees. On Monday of this week twenty answers and on Tuesday twenty-seven answers to "Want ads" were received.

TRADE PERSONALS.

ALFORD.—W. J. Alford, secretary and treasurer of the new Paper Products Company, is in New York this week, aiding in the work necessary for the launching of the Paper Products Company.

BARD.-Charles Bard, of Norwich, Conn., was again among the visitors to the New York market this week.

BARTLETT.-James Bartlett, of the Nashua Card and Glazed Paper Company, Nashua, N. H., visited the Boston trade last week.

BIERMAN.—Hubert Bierman, of the Belgo-Canadian Paper and Pulp Company, Shawinigin Falls, Quebec, was among the Canadian manufacturers seen in New York last week.

Bossard-Lindauer, of C. Bossard and L. Lindauer, of the Itasca Paper Company, of Grand Rapids, Minn., visited friends in their former home at Kaukauna last week.

Brown.-Charles D. Brown, of C. D. Brown & Co., Boston, Mass., was among the prominent board manufacturers seen in the New York market this week.

BURNETT.-C. M. Burnett, treasurer of the Keith Paper Company, Turners Falls, Mass., spent a day of last week

Burns.-R. W. Burns, a leading officer of the Geo. H. Friend Paper and Tablet Company, West Carrollton, Ohio, entertained sixty members of his big Bible class of the Dayton Young Men's Christian Association at his home on Central avenue, West Carrollton, last Friday evening A complete tour of the paper mills was made by the guests under the guidance of Mr. Burns, who took pleasure in explaining the operation of the plant. Short talks were subsequently made at Mr. Burns' home, where the entertainment was ideal.

CHALLES.-George C. Challes, of the Riordon Paper Mills, Limited, Hawkesbury and Merritton, Ontario, Canada, was in New York for a few days last week.

Снаріп.—Charles Chapin, of Chapin & Gould, Spring-field, Mass., visited the Boston trade last week.

Coy.-Mr. Coy, with C. H. Dexter & Sons, of Windsor Locks, Conn., visited the Boston trade last week.

CRAFTS.—George E. Crafts was a visitor at Holyoke last

CRANE.—Charles K. Crane, of Crane & Co., Dalton, Mass., was among the visitors to the New York trade this week.

Ellsworth.—Col. Timothy Ellsworth, of Lockport, N. Y., was in New York this week on business in connection with the United Box Board and Paper Company.

FARLEY .- Mr. Farley, of the Farley Paper Company, Farley, Mass., was in Boston last week.

FLEMING.—Stephen B. Fleming, treasurer of the United Box Board and Paper Company, New York, returned to his desk on Wednesday after an absence of ten days, spent in the West.

FLINT.-John W. Flint, of Wyman Flint & Sons Com pany, Bellows Falls, Vt., and proprietor of the Claremont Paper Company, Claremont, N. H., spent a couple of days of last week in Boston.

Fowler.-Norman N. Fowler, secretary of the Hampden Glazed Paper and Card Company, of Holyoke, Mass., made a short visit to the New York market last week.

HARTWELL.—Oscar Hartwell, with the Holyoke Card and Paper Company, Springfield, Mass., called on the Boston trade last week

Jones.-Hon. N. M. Jones, manager of the Katahdin Pulp and Paper Company, Lincoln, Me., was in Boston

LINTON.-James Linton, of Linton Brothers & Co., Pawtucket, R. I., spent two days calling on his friends in the New York market last week. Mr. Linton was a guest at the Waldorf-Astoria while in that city.

MONROE.-William N. Monroe, of the Brompton Paper and Pulp Company, Brompton Falls, Quebec, made a trip to New York last week to attend the hearing in the protest against the imposition of the additional duty on wood

MULLEN.-Charles H. Mullen, of the Mount Holly Paper Company, Mount Holly Springs, Pa., was in New York last week for a short stay.

Myers.-John R. Myers, of Rouse's Point, N. Y., was in New York last week.

POMEROY.-Frederick W. Pomeroy, of Holyoke, has been ngaged as superintendent of the mill of the Millers Falls Paper Company. He has been employed by the American Writing Paper Company at Holyoke, is considered capable, and has many friends who will regret his removal from Holyoke.

RANTOUL.—C. W. Rantoul, Jr., general manager of the Imperial Paper Mills of Canada, visited the Boston trade the early part of this week.

ROBINSON.-W. F. Robinson, treasurer of the Laurentide Paper Company, Grand Mere, Quebec, was in New York last week to attend a hearing in the protests against the countervailing duty on wood pulp.

ROMAINE.-R. P. Romaine, manager of the Windsor Paper Company Division of the American Writing Paper Company, visited the Boston trade last week,

ROSENBERG.—James Rosenberg, of Felix Salomon & Co., paper stock importers, sailed for Europe on Thursday of last week for a short visit.

SHERMAN.-George C. Sherman, of the St. Regis Paper Company, Watertown, N. Y., made his usual round of calls in the New York trade last week.

Sorg.-Paul Arthur Sorg, of the Paul A. Sorg Paper Company, Middletown, Ohio, denies the report that he is engaged to wed a Pittsburg girl.

SPAULDING.-Waldo Spaulding, of the Pepperell Card and Paper Company, East Pepperell, Mass., was in Boston last week.

STRATTON.-Homer J. Stratton, representing the Warren Manufacturing Company, of New York, was in Boston last week.

TEMPLE.-Fred Temple, representing the Merrimac Paper Company, of Lawrence, Mass., visited the Boston trade

WAITE.-C. H. Waite, manager of the Newton Paper Company, Holyoke, Mass., visited the Boston trade last

OBITUARY.

EZRA D. BARKER

Ezra D. Barker, a publisher, who for twenty-five years was manager and president of the University Publishing Company, of New York, died on Sunday at No. 385 Adel-phi street, Brooklyn. He was born in Chester, Conn., in 1824, and was an active member of the Clinton Avenue Congregational Church.

JAMES R. DUNCAN,

TERRE HAUTE, Ind., November 13, 1903.—Suddenly, on November 10, in the twinkling of an eye, while he sat in his wheeled chair but a short time after a pleasantry to one of his daughters had passed his lips and while a smile still lighted his face, James Richard Duncan, of J. R. Duncan & Co., paper dealers, passed from life.

He had passed a good night, had enjoyed his breakfast and had been pleased to note that he could stand for a little while, and was waiting for his bath to be prepared when he painlessly passed away.

His sickness was of three weeks' duration. complication of diseases that had troubled him, to some extent, for many years. During his sickness he occupied a chair, but until quite recently was able to walk about the While it was known he was seriously sick it was not thought he was in any immediate danger and his sonin-law and partner, J. B. Aikman, left him two hours before his death intending to take a short business trip. He had not, however, taken the train when he received

James Richard Duncan was born at Big Springs, Hardin County, Ky., on January 7, 1843, the son of the Rev. Peter Duncan, a Methodist minister. His parents removed to Mattoon, Ill., when James was a boy of fourteen. There ne grew up to manhood; there he was married to Miss Julia Roxanna Vreeland, who like himself was a native of Kentucky, and there his children—Mrs. Carrie Dun-can Perryman, of Atlanta; Miss Ida Duncan and Mrs. Flora Duncan Aikman, of this city—were born. He was a member of the First Congregational Church of this city.

Mr. Duncan's first business venture was in the grocery line, but he later went into hides and leather and after he removed to this city in 1882 he went exclusively into wholesale paper and paper supplies and built up a large and

prosperous business.

Mr. Duncan will be sadly missed by the trade and especially by the newspaper men. He was so attentive and so faithful to their interests, so fair and square, so cheerful and helpful that he was a favorite with them all.

He was a good man and citizen in all of the relations of life: he was a real active and useful force in business, making for better methods; he was a man of thought and conviction; he was a liberal man, one of those who take a genuine pleasure in giving of time and means to any good cause; but his most distinguishing characteristic, which makes his memory so sweet to his deeply afflicted family, was his entire, intense, never failing devotion to his family. It was the most beautiful trait of a beautiful and well spent life.

Progress in Lake Superior Reorganization.

PHILADELPHIA, November 17, 1903.—The Moffley reorganization committee of the Consolidated Lake Superior Company today set December 1 as the last day upon which

assessments on the old stock and subscriptions to the bond issue would be received under the terms of the reorganiza-tion plan. At the same time the committee announced that up to date about \$50,000,000 of the old stock, or one-half

the issue, had been deposited in assent to the plan.

Members of the committee and the attorneys were very optimistic today, saying there was little doubt but that the reorganization plan would be a success. Thomas J. Drummond, of Montreal, who represents Canadian stockholders in the committee, attended the meeting for the first time today.

Dayton Paper Men Improving Realty.

[FROM OUR REGULAR CORRESPONDENT.]
DAYTON, Ohio, November 16, 1903.—A rather unusual meeting was held in Dayton during the past week, which The meeting, which ocwas attended by many tradesmen. curred at the home of H. E. Talbott, president of the Stilwell-Bierce & Smith-Vaile Company, was held to determine upon the improvement of 1,000 acres of land in Oakwood which are owned by local paper manufacturers and others. Mr. Olmstead, an expert landscape gardener, was consulted, and it is probable that Oakwood will become one of the fairest of the many suburbs about Dayton. It was planned to construct a boulevard 10 miles in length.

Paper Exchange Likely to Continue Business.

SYRACUSE, N. Y., November 16, 1903.—Proceedings looking to the reorganization of the Garrett-Boyce Paper Exchange were begun Tuesday of last week, when, upon the application of parties interested, a petition in involuntary bankruptcy was filed and W. H. Warner was named as temporary receiver. A member of the firm said vesterday:

"I believe the concern is perfectly solvent, and this will be shown in the uninterrupted continuance of the business. Our stores will not be closed and this affair will be adjusted satisfactorily to all concerned."

Drawback on Paper Back Foil.

[FROM OUR REGULAR CORRESPONDENT.]

Washington, D. C., November 16, 1903.—The regulations of the Treasury Department, dated May 3, 1901, establishing a rate for allowance of drawback on back foil, manufactured by Lehmaier, Schwartz & Co., of New York, have been extended as far as applicable to paper back foil manufactured by the Conley Foil Company, of New York, with the use of domestic paper and foil made of lead, or lead and tin combined, wholly imported. A. F. T.

Damage to Tonawanda Mill.

NORTH TONAWANDA, N. Y., November 16, 1903.-One of the large drying machines in the Tonawanda Board and Paper Company's plant on Goose Island burst early last Friday morning, doing about \$15,000 damage and endangering the lives of a score of employees.

The accident caused a suspension of business in nearly all departments of the mill.

A large number of men were working about the drying room when the machine suddenly exploded, pieces of steel and other materials flying in all directions. Several of the men were struck, but none seriously injured. Parts of the adjacent walls were torn away.

Wall Paper Men to Make White Paper.

GLENS FALLS, N. Y., November 17, 1903.—It is stated here that the syndicate headed by George R. Finch, which recently secured control of the Imperial Wall Paper Company, has concluded the purchase of \$100,000 worth of stock of the Schroon River Pulp and Paper Company, of Greenville. This purchase gives the syndicate absolute control of this property.

EDWIN BUTTERWORTH & CO.

Manchester, England. PACKERS OF ALL KINDS OF

Paper Stock, Cotton Waste and Buffalo String,

83 GUNNY BAGGING, Etc.

JAMES PERSIE,
A. S. DEMARRIS,
Managers. Vanderbilt Building, 132 Nussau St.
Braach Office at Bustou; 58 Federal St.—CHARLES H. WOOD, Mgr.

WATERBURY

Felts and Jackets

H. WATERBURY & SONS CO., Oriskany, N. Y. ery grade of paper from the finest to the coarsest.

Our wet machine or pulp felts are unequaled for durability.

For Writing and Ledger Papers

News From the MILLS.

John Meyer, employed in the mill of the Menasha Paper Company at Menasha, Wis., lost one of his fingers in the gearing of a pump last week.

The Jefferson Power Company has just completed a storehouse 50x100 feet at its mill, in Dexter, N. Y. The building will be used for the storage of finished paper.

A new digester having a capacity of 12 tons per day is being set up for the Carthage (N. Y.) Sulphite Pulp Company by the Manitowoc (Wis.) Steam Boiler Works.

Eugene Warren, of Troy, N. Y., has acquired a proprietary interest in the firm of Manning & Peckham, paper manufacturers, of Troy. The copartnership is formed of the members of the family of the late John A. Manning, W. M. Peckham and Eugene Warren.

A carload of sulphur shipped by the International Paper Company from New York city to its mills at Corinth, N. Y., caught fire from locomotive sparks in the Delaware and Hudson Railroad yard at Saratoga, N. Y., on November 13. Despite the fumes, the flames were brought under subjection by the fire department.

Superintendent E. E. Emigh, of the Orange Paper Mills, Orange, Tex., returned last week from an extended business trip to Wilmington, Del., Boston and other points. A complete sulphite system has been purchased to replace the present soda system used in the mill here, and this is expected to be in readiness for the mill to resume operations by the end of this month.

Lawyer T. J. O'Connor, trustee in the case of the Excelsior Paper Company, Holyoke, Mass., has filed a petition with Referee C. W. Bosworth, of the bankruptcy court, asking for leave to sell, either at private or public sale, the property, with the legal incumbrances. This week there will be a hearing upon the petition, and the creditors interested have been notified of the petition and the hearing. This marks another attempt to straighten out the mill tangle, and the result is yet in doubt.

The favorable weather has been taken advantage of to the largest extent by the Consolidated Water Power and Paper Company, at Grand Rapids, Wis. Three trainloads of filling material a day are being used in the construction of the 1,700 foot dam. All the cofferdams have been completed and will permit of water power being used before the main dam is finished. The work on the tailrace has progressed to the point where the race joins the river. The work of installing the turbine wheels in the power house is going on.

D. F. Sprague, of Harrisville, N. Y., has bought of the United States Leather Company the tannery property in that village, which has not been in use for some years. The property purchased is one of the best water powers on the west branch of the Oswegatchie River. Included with it are fifteen dwellings, a store and all the machinery in the tannery plant. The plans of Mr. Sprague are not made public, but it is probable that the power bought will be used for a new industry allied with the paper trade.

Alexander Fuller, fireman at the Oglesby Paper Mill, at Middletown, Ohio, this week saved a man from drowning the hydraulic which runs alongside the mill property, While at work in the mill he heard a cry for help and running out beheld James Freeman struggling for life. drowning man was rescued by Fuller and mill men who hurried to his assistance, and the almost drowned man was taken to the furnace room and resuscitated. While crossing the bridge near the mill Freeman made a misstep and fell into the hydraulic.

The work of laying rails on the new electric trolley line between Green Bay and Kaukauna was begun this at the Green Bay end of the line. This line will be in operation about the first of next May, and when it is done it will be possible for a person to travel by trolley from Fond du Lac, at the upper end of Lake Winnebago, down through the whole Fox River Valley to Green Bay, passing through the cities and villages of Oshkosh, Neenah, Menasha, Appleton, Kimberly, Little Chute, Combined Locks, Kaukauna and De Pere. The equipment of the new road will permit of cars being run at a speed of 50 miles an hour.

Pulp Mill for St. Johns.

[SPECIAL COMMENCE OF THE PAPER TRADE JOURNAL.]

St. Johns, N. F., November 14, 1903.—Cornelius Shields, president of the Lake Superior Consolidated, at Sault Ste. Marie, Ont., is now here arranging with the company headed by Henry M. Whitney for the establishment of a large pulp enterprise in Newfoundland

New Jersey Paper Tube Company.

HACKENSACK, N. J., November 16, 1903.-J. H. and E. L. White, trading as the New Jersey Paper Tube Company, of Englewood, have been perfecting and building their own machines for making paper tubes of all kinds.

No satisfactory work could be obtained outside, so they equipped their own machine shop with the latest and best of tools, &c., and are now about to complete the first lot of sixteen machines for making paper drinking straws under their own patents. These machines will have capacity of 1,000,000 straws a day.

To handle this vast output additional room is needed and the firm will shortly erect an addition of three stories to its present building, the dimensions to be 36x30 feet, giving an additional floor space of some 3,000 square feet. Excavation for this structure has already begun.

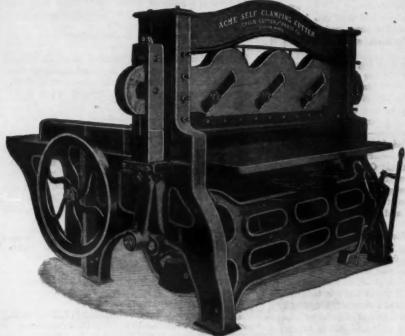
The New Jersey Paper Tube Company has in view the acquisition of a paper mill where it will manufacture its own paper during the next year. This will become a necessity, it is understood, if the concern enters upon the manufacture of cop tubes for use in cotton and silk mills, spinning and knitting machines, &c., of which many mil-lions are annually used. When machines for this purpose are complete the company contemplates adding to its present structure a building of 25 feet front and 125 feet on West street, three stories high.

Watertown Beats Carthage.

[FROM OUR REGULAR CORRESPONDENT.]
WATERTOWN, N. Y., November 17, 1903.—The much talked of football game between Watertown and Carthage was played here this afternoon and Watertown won by a score of 21 to 5. Over 3,000 people saw the game and the crowd at the Yale-Princeton game last Saturday could not beat it for enthusiasm. Hon. "Jim" Outterson and other Carthage football enthusiasts took their defeat gracefully and paid their little bets without a murmur. The Hon. "Jim" Wise, of this city, who snapped up Mr. Outterson's \$500, is willing to give the "up river" footballists another chance to get an all star team together, but it will not be done. Carthage has given up the idea of winning the championship of the State.

The appropriation for advertising should keep pace with the growth of the business.—Printers' Ink.

ACME Paper Mill Cutter



BUILT IN FIVE DIFFERENT SIZES. 48, 56, 62, 72 and 80 inches.

Send for Complete Descriptive Catalogue.

CO. CHILD ACME

33-35-37 Kemble Street, BOSTON, 12 Reade Street, NEW YORK.



HIGH STRENGTH

BLEACHING POWDER **BROMINE** HYDROCHLORIC ACID' SULPHATE OF

inited States making this line of Chemicals by roduct produced by Weldon English Process. Highest Strength. Strongest Test.

SODA

ST. LOUIS CHEMICAL CO. St. Louis, Michigan.

A RUN OF 4 TO 1



with a driving power, traction power, and steadiness found only in the Leviathan.

fir. Frank Gilbert, of Waterford, N. Y., in-forms us that on a Jordan Engine, where rubber belts only lasted about one year each, he had put on a LEVIATMAN BELT, which has been running for four years, and looks as though it would last for some time to come.

MAIN BELTING COMPANY

1227-1241 Carpenter St., Phila. 120 Pearl St., Boston. 40 Pearl St., Buffalo. 58-57 Market St., Chicago. Montreal, P. Q., 60 McGill St. 77 Market St., Chicago. Montreal, P. Q., 60 McGill St.

OLDEST, STRONGEST, BEST.



IMPROVEMENT THE ORDER OF THE AGE.

A new pump, specially designed for paper and pulp mills. Extremely heavy and practically indestructible.

Write for Catalogue containing full particulars.

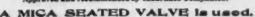
MORRIS MACHINE WORKS. BALDWINSVILLE, N. Y.

New York Office :

HENION & HUBBELL, Agents, Nos. 61-69 No. Jefferson St., Chicago, Ill., BOSTON OFFICE: 8 Oliver Street.

89-41 Cortlandt St.

ESTY" AUTOMATIC SPRINKLER.



Non-Corrodible-Non-Adhesive-Impenetrable-Imperisha

The "ESTY" Sprinkler is tested under an AIR PRESSURE of 300 lbs. per square inch.

Adapted for either WET or DRY systems. May be used either UPRIGHT or PENDEN I.

The SIMPLEST, STRONGEST, MOST SENSITIVE, MOST RELIABLE and MOST EFFECTIVE Sprinkler on the market.

For full particulars address

2-3 of . Actual Size. ESTY SPRINKLER CO., 63 MIH St., LACONIA, N. H.



Goulds EFFICIENT POWER PUMPS

FOR PAPER MILLS.

Large Triplex Water Supply Pumps. Vacuum Pumps, Vertical and Horizontal. Stuff Pumps (two types). Pressure Pumps for Hydraulic Grinders. Improved Boiler Feed Pumps.

SEND FOR CATALOG.

THE GOULDS MFG. CO.

Works and flain Offices, - SENECA FALLS, N. Y. 剧 Milk St., BOSTON, 16 Murray St., NEW YORK. THE GOULD CO., 監查 N. Canal St., CHICAGO. - SENECA PALLS, N. Y.

Contraction of the Contraction o



POWER BOILER FEED **PUMPS**

TRIPLEX

PUMPS

STUFF PUMPS

SUCTION PUMPS

STEAM ENGINES

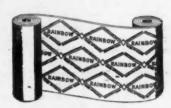
New Catalogs New Ready

The Best Flange Packing Made.

ainbow Packi

Don't have to use wire and cloth to hold Rainbow.

Can't blow it out. ~~~



Thousands of Imitators. No Equal.

> Will Hold Highest Pressure.

THE COLOR OF RAINBOW PACKING IS RED,

Three Rows of Diamonds extending throughout the entire length of each and every roll of Rainbow Packing.

Steam heating companies can make thousands of joints in new plants without the use of steam, with the assurance and guarantee that when steam is applied every joint will be perfectly tight, saving the labor of baking and following up, etc., as is the case when usudurian or plumbago packings are used, thereby saving from 100 to 300 per cent. of labor and time.

PEERLESS RUBBER MFG. CO.

16 WARREN STREET, NEW YORK.

16-94 Woodward Ave., Detroit, Mich. 460-412 Common St. and 201-207 Tschoupitoulas St.,

209-210 S. Water St., Chicago, Ill. 1221-1223 Union Ave. Kansas City, Mo.

17-93 Beale St. and 18-94 Manual San Francisco, Cal. 634 Smithfield St., Pittsburg, Pa.

New Orleans, La. 36 So. Meridan St., Indianapolis, Ind.

Sole Manufacturers of the Celebrated RAINBOW PACKING.

R. D. WOOD & CO.,

400 CHESTNUT STREET, PHILADELPHIA,

Centrifugal Pumps.

BELT DRIVEN OR DIRECT CONNECTED HTIW ANY POWER.



NEW IMPROVED. HEAVY. INDESTRUC-TIBLE. CONVENIENT EFFICIENT.

SPECIALLY ADAPTED TO PAPER AND PULP MILLS.

CAST IRON PIPE. FIRE HYDRANTS. GATE VALVES AND INDICATOR POSTS.

CRANE VALVES



NAVAL STORES.

Receipts of All Kinds Decreasing—This Has Resulted in Advances in Prices—Remarkable Changes in Rosin Values.

Naval stores are attracting to themselves a great deal of attention, not only from consumers but from disinterested students of the whole commercial situation, says the Boston Commercial Bulletin. While so many other commodities have either been settling in price or threatening to do so, turpentine, rosins, tar and pitch, like petroleum and its products, have been almost constantly advancing. Within a few weeks indeed a loftier level of values has been reached on the market for naval stores than any before recorded in twenty years, and the end is not yet, in the opinion of many competent observers.

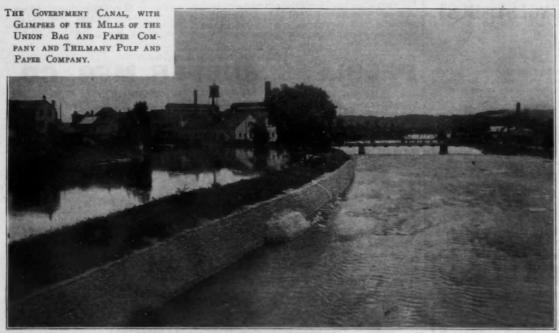
Of the startling progress already made by turpentine in its upward career an estimate may easily be formed from some figures recently compiled by Mr. C. L. Chescomparison of figures for the entire turpentine crop for the last three years. The receipts for the year, April to March, 1900-1901, aggregated 617,000 barrels, for the same period in 1901-1902 593,000 barrels and for like time this year 561,000 barrels. These figures, it will be noted, show a continuous shrinkage notwithstanding the active demand from domestic sources and the high prices. The production of rosins during 1903-4 was 1,060,865 barrels, as against 1,174,477 barrels the preceding year, and 1,196,102 barrels in 1901-2.

Conservative local authorities, who have been studying the situation with care for some years, are of the opinion that the facts and figures given above are quite sufficient to account for the altered aspect of the market for naval stores. They do not attach much if any importance to the stories of the market control, and say that simply because of the outlook for a continually diminishing production from this time forward they are steeling themselves to expect even greater advances than those already experienced. They do not mean of course that occasional halts in the demand will not be followed by corresponding depressions



SOUTH MANCHESTER, Conn., November 16, 1903.—B. F. T. Jenney, of Manchester Green, was pleasantly surprised at his home last Thursday evening, when a delegation of Manchester Lodge, No. 73, A. F. and A. M., of which he has been a member for twenty-six years, called upon him, the occasion being his eighty-second birthday. About twenty of the brethren assembled, and after being invited into Mr. Jenney's home congratulations were in order and Mr. Jenney was presented with a handsome gold headed cane, the presentation speech being made by Worshipful Master Thomas Gray. Mr. Jenney responded feelingly. The inscription on the cane was as follows: "B. F. T. Jenney, from his Masonic friends, November 12, 1903."

Benjamin Franklin Taber Jenney was born at New Bedford, Mass., November 12, 1821. He comes of virile stock, being the youngest of a family of eight children, all of whom attained the age of seventy-five years, and of which hardy group he is now the sole survivor. Mr. Jenney's father attained the age of ninety years. Mr. Jenney's parents were of the religious denomination called Friends, and at the age of eleven years Mr. Jenney was sent to the Friends Boarding School at Providence, R. I., and one of the prized memoirs of his boyhood days was a visit to the school by Andrew Jackson, President of the United States, and his Cabinet. After leaving school he was apprenticed to a merchant tailor in New Bedford, Mass. In 1861 he went from New Bedford to Lowell, Mass., where he worked at his trade. His next move was to Taunton, Mass., where he opened a custom tailoring establishment. Believing he saw a good opening in Manchester he abandoned the tailoring business and engaged in the manufacture of paper. The venture prospered from the outset and he continued in paper manufacturing until 1893, when he retired from active business.



WATER POWER AT KAUKAUNA, WIS

nutt, superintendent of the board of trade at Savannah. These statistics show that from September, 1902, to the last day of August, 1903, the price of spirits of turpentine in the primary market ranged from the high price of 65 cents in February and March to a price of 44¾ cents in September, 1902, whereas for the corresponding twelve months—September I to August 31 in the years 1902-1901—the prices ranged from the highest mark of 53 cents in March to the lowest point in September, 1901, of 33¾ cents.

The changes in rosin prices have been equally remarkable. On October 23 of this year water white was quoted in Savannah at \$4.25, an advance of 10 cents as compared with the corresponding date in 1902, and a gain of 65 cents over the price ruling just two years previous. A comparative statement of the quotations for the lower grades at Savannah on October 23 for three years shows changes of still greater importance. On that day this year, for instance, grade E was quoted at \$2.35 as against \$1.40 in 1902 and \$1.10 in 1901. Tar and pitch have kept pace with the advance in allied products.

By all of the many consumers of naval stores the situation is viewed with concern and by some of them with sus-picion. There are buyers who feel as though some trick had been played upon them, who think that of the advance the major portion may be traced rather to the concentration of stocks in a few strong hands than to the relation of supply to demand. They have heard of course of the ever decreasing territory covered by the hard pine forests of the South, but they suspect exaggeration, and are either openly resentful or hint darkly as to the oppression of trusts, so characteristic of these competition stifling times. It is, however, an unquestionable fact, abundantly testified to by all recent travelers through Georgia and the Carolinas, that the long leaf yellow pine, whose sap is the raw material for all naval stores, is being thinned out with astonishing rapidity, which must be attributed in large measure, but not altogether of course, to the wasteful methods of the lumbermen. It is well worthy of note, too, that boxing privileges, that is permission to tap the trees, are always very much more difficult to obtain from the owners of woods than they were a few years ago, it being now believed that extracting the sap injures the wood for the sawmill.

For some reason, certainly, the production of naval stores is being materially reduced. This is proved by a

in price. All that they contend is that the general trend of values is destined, because of natural trade law, to be upward.

There is one consideration, perhaps, from which our domestic consumers may derive a little comfort, and that is that their foreign confrères will not help deplete the sup-

Photographing Drawings Without a Camera.

For copying small but elaborate drawings like Patent Office drawings, says "W. H. S." in the American Machinist, there is probably no method so quick, accurate and cheap as the following:

Procure a photographic dry plate of the size required (8x10 is usually large enough for Patent Office drawings, the rest of the sheet being taken up by margins, title and signatures). Place the drawing and plate in a printing frame, the drawing with the back side out, so that the lines will be in contact with the film on the plate. This must be done in a dark room. Expose the frame to dim daylight for a period of, say, five seconds at a distance of about 10 feet from a north window or one through which

the sun is not shining. Develop with the following:

No. 1. Hydrochinon Solution.—(a) Water, 13 ounces;
sulphite soda crystals, 1 ounce. (b) Water, 2 ounces; sulphurous acid. one-half ounce (not sulphuric).

Add solution (a) to (b) slowly, then add: Hydrochinon, 100 grains; bromide potassium, 30 grains.



WATER POWER AT KAUKAUNA, WIS.

plies of our American turpentine so much as they have been doing, not because they will not want to do so, but because the price will prohibit them. Already there is a change, our exports of turpentine to the United Kingdom for the first five months of the crop year, April to August inclusive, being but 2,994,682 gallons, as compared with 3,787,344 gallons in the same months of 1902, and 6,312,270 gallons in 1901. In other words, our exports this year have been less than one-half what they were in 1901.

No. 2. Alkali Solution.—Water, 5 ounces; carbonate soda (dried), one-half ounce; carbonate potassium (dried), one-half ounce.

To develop, mix 3 ounces No. 1 with 1 ounce No. 2. If the exposure has been correct the development will proceed slowly until the background is as black as ink, the lines remaining clear white in the negative. Fix and wash as usual. Brilliant blueprints may be made from these negatives, showing sharp blue lines on a white ground,

Capacity &

150 Tons Daily The largest CLAY mines and washing plant in the world. Producing the finest grade of CLAY made in the United States. Rapidly taking the place of English china clay.

Samples furnished upon application. Prompt shipments of orders guaranteed. Contracts made for specified deliveries to suit buyers.

The Philadelphia Clay Manufacturing Co.

Main Office: 706 Drexel Building, PHILADELPHIA, PA.

NEW YORK OFFICE: 150 Nassau Street

ST. REGIS PAPER CO. TAGGARTS PAPER CO.

WATERTOWN, N. Y.

MANUFACTURERS

News, Manila, Hanging, Colored Poster, Bag Papers and Paper Specialties. SULPHITE AND GROUND WOOD.

MILLS AT

DEFERIET, FELTS MILLS, GREAT BEND, ST. REGIS FALLS AND SANTA CLARA, N. Y.

General Offices: Taggart Building, Watertown, N.Y.

PAPER MAKERS' CHEMICAL CO., Easton, Pa.

MANUFACTURERS OF



ROSIN SIZE

FRANKLIN PAPER CO.,

Manufacturers of WHITE BRISTOLS, WHI'1.

BLANKS, DUPLEX AND SILK

WRAPPING PAPER.



LINK-BELT ELEVATORS

are especially adapted to handling coal and ashes in large manufacturing plants

Illustration shows the MONOBAR CON-VEYOR for anthracite coal; a part of the system employed in the 3,000 ton Wholesale Storage Pocket, designed and equipped for the Baltimore Storage and Distributing Co., Baltimore, Md. Operated by electric motor and Manila rope transmission.

Link-Belt Engineering Company,

NICETOWN, PHILADELPHIA.

New York: 49 Dey Street. Pittsburg : Park Building. Chicago: Link-Belt Machinery Co.

You told me if I would put in ENVELOPE MACHINES and stay OUT OF THE TRUST you would trade with me. Have you kept the faith? I have. You'll have a breach of promise suit on your hands if you don't watch out.

Also TISSUES, every kind; COPYING Paper, every description; COPYING Books, no end to them; Oiled Board, Oiled Tissues, Stereotype Tissue, Rolled Tissue.

F. H. WHITTELSEY, Windsor Locks, Conn.

American Sulphite Pulp Company,

SOLE OWNERS OF THE RUSSELL CEMENT PATENT LINING for SULPHITE DIGESTERS.

The only absolute protection to the shell of the digester, and covers every description of continuous acid-proof lining in use.

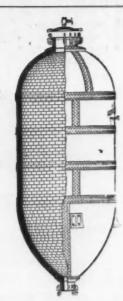
It is easily and cheaply applied, and when applied to a well constructed digester it will, with proper care, last indefinitely, which cannot be said of any other lining.

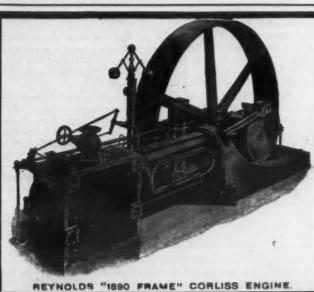
All so-called "LEAD LININGS" will be found on investigation to be unreliable, and to need constant repairs.

More than two hundred of the RUSSELL CEMENT LININGS are in use to-day, some of which have been in constant use for more than twelve years, and are giving absolute satisfaction.

AMERIÇAN SULPHITE PULP COMPANY,

TREMONT BUILDING, BOSTON, MASS.





ALLIS-CHALMERS CO.

SOLE BUILDERS OF

Reynolds Corliss Engines

FOR ALL POWER PURPOSES.

Heavy Duty Engines Especially Adapted for Paper and Pulp Mills of Any Capacity.

RIEDLER PUMPS and AIR COMPRESSORS.

NEW YORK OFFICE: Empire Building.

BOSTON OFFICE: Board of Trade Building.

PITTSBURG OFFICE: Frick Building.

GROWTH OF THE INDUSTRY.

The Volume of Raw Materials and the Finished Product in These Lines Shown in Graphic Way—Some Interesting Figures.

Under the title of "A Graphical Comparison of Raw and Finished Products in the Printing and Paper Making Trades" the Scientific American in its issue of November 14 prints the following:

When figures get beyond a certain point they lose their concrete value, and it is necessary to resort to some other means if we wish to make comparisons involving figures that run up into millions and billions. Therefore, we adopt the method of representing these figures by comparisons of bulk and form. The basis for the comparison which we have worked out is the Twelfth United States Census.

The manufactures of paper and wood pulp have become so closely related that they are now usually treated as a single industry. Over 1,986,000 cords of wood were used in 1900 in the production of paper pulp. This would make a cube 634 feet high, and is a pretty large wood pile when compared with Trinity Church, New York. Straw comes next, 367,305 tons being consumed annually, and making a pile of bales 607 by 405 by 270 feet. We have not considered the subject of chemical fibre, owing to the diverse forms in which it is consumed, although the bulk is very great, amounting to 644,006 tons. The old or waste paper consumed annually amounted to 356,193 tons. This would make a solid 499×348×254 feet. Two hundred and thirty-four thousand five hundred and fourteen tons of rags were consumed; this would make a pile of bales 436×284×207

made by the Jerome Paper Company, which runs a small plant with the water which comes from a little stream running into the river. Evidence was offered to show that the company needed the water to run its plant and that if there was any reduction in the supply of water the company could not continue. It was shown that the company's business was not of sufficient volume to warrant it using steam. The expense for coal and cartage would be too The strong force of water made it possible for the company to run at a profit in this location. There was considerable evidence offered to show the amount of water which flowed down this stream every day. There are a number of parties interested in the water controversy. Questions of water rights are involved and legal points are raised which are likely to take the case to the Supreme Court before it is settled. Stoddard, Marsh & Boardman appear for the water company, DeForest & Klein for the paper company, and Hurlburt & Davis, of Norwalk, for other interested parties. The members of the committee are Charles S. Canfield, of this city; Henry C. White, of New Haven, and John S. Sanford, of Redding.

Duty on Memorandum Books.

United States General Appraiser Fischer handed down a decision last Friday on the classification of pocket memorandum books, slate books, memorandum books with a small mirror and pencil attached, and lithographically printed religious pictures in metal frames.

The goods were assessed as follows: The memorandum books and slate books at 35 per cent. as manufactures of paper, the mirror and pencil books at 25 per cent. on the books and 25 per cent. ad valorem and 45 cents a gross on

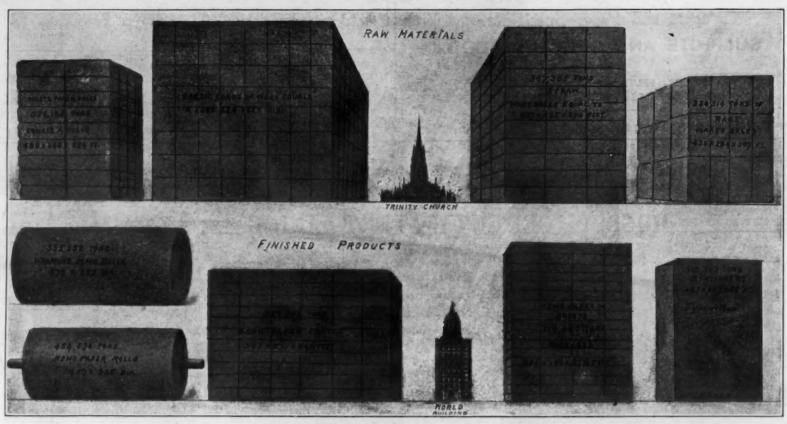
C. J. Kemper Resigns.

DAYTON, Ohio, November 16, 1903.—C. J. Kemper, vice president and general manager of the Kemper-Thomas Paper Company, of Norwood, located in the extreme southern end of the Miami Valley, has resigned. It is reported that difference arose between Mr. Kemper and the members of the board of directors over his administration of affairs. Two years ago when the company removed to its enlarged plant, where 200 are employed, Mr. Kemper assumed the reins of management. It is said that W. C. Proctor, who is interested in various enterprises in this section, and who has also interests in other paper mills, became dissatisfied with Mr. Kemper's methods. Mr. Kemper has been prominent in village affairs in Norwood for years, and was some time ago the president of the water works commission. He is well known throughout the trade.

Pulp, Paper and Paper Bag Project.

BIDDEFORD, Me., November 16, 1903.—J. T. Lord, general manager of a self closing paper bag manufactory, located at Nashua, N. H., has been in the city trying to interest citizens with money to invest in a scheme of considerable magnitude, which embraces the buying of wild lands in Canada, the establishing of pulp mills there and the manufacture of paper and paper bags.

Mr. Lord is full of confidence that his scheme can be made a big money maker for those who invest their money in it, and he is anxious to dispose of some of his stock in Biddeford. He has other Maine towns, including Lewiston, on his list, and he expects to interest Maine citizens



RAW MATERIALS AND FINISHED PRODUCT IN THE PAPER INDUSTRY.

feet. Ninety-nine thousand three hundred and one tons of manila stock, including jute bagging, were also used.

Now, having dealt with the vast proportions of the raw materials, we come to the finished products. Our comparisons show "news" paper in two forms: first, in the roll, 454.572 tons, making a roll 450 feet long and 225 feet in diameter. News paper in sheets amounted to 114.640 tons, and the flat packages in which it is put up would measure 484x187x33½ feet; this pile is compared with the World Building, New York. Five hundred and thirty-five thousand two hundred and fifty-two tons of wrapping paper would make a roll 475 feet long and 237 feet in diameter. Book paper follows, the product being 351,702 tons. This would make a pile of crates 563 feet long by 371 by 44½ feet. Stationery is another considerable item. One hundred and twelve thousand seven hundred and seven tons would make a box of stationery 427 feet long by 267 feet wide by 56 feet thick.

A Question of Water Rights.

BRIDGEPORT, Conn., November 16, 1903.—There was a further hearing last week before the committee appointed by the Superior Court to hear the application of the Bridgeport Hydraulic Company for the right to take water from the Five Mile River for the Trap Rock reservoir. The principal opposition to the company's application is

the pencils, and the pictures at 45 per cent. as manufactures of metal. The importers claimed admission for all the books at 25 per cent. as "books," and for the pictures at 35 per cent. as "toys." Mr. Fischer sustained their protest on the books, but overruled it on the pictures.

Mr. Fischer also overruled a protest by Gustave Kahn, of Chicago, claiming admission for lithographically printed "wall pockets" at 35 per cent. as manufactures of paper. He ruled that they were dutiable as lithographic prints at 6 cents a pound.

Wisconsin Weather Conditions.

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., November 16, 1903.—The weather in Wisconsin last week was rather more indicative of the approach of winter. Quite a little rain came down, together with several small flurries of snow, the thermometer going as low as 20° Fahr. Navigation on the river and lake remains open and it is expected that the season will be rather later than usual, the close not coming much before December 1 unless freezing weather should set in. Although the water in the lake has fallen considerably during the last month, it is still higher than usual for this time of the year, and the mills are still drawing the full normal flow of the river for power. New 8 inch flashboards have been placed on the Menasha dam.

in the business sufficiently to dispose of about \$90,000 worth

of stock here.

Mr. Lord came to this country from Three Rivers, Province of Quebec, and his family is well known to many of the French speaking citizens of Biddeford, his father having been quite a prominent politician in the Province of Ouebec at one time.

Mr. Lord's enterprise, as it is understood, embraces the purchase of a large tract of land along the banks of the St. Maurice River, about 70 miles from Three Rivers, Province of Quebec. These lands are owned by the Government and it is represented that they can be bought for a low figure. There is splendid water power along the St. Maurice River where the lands in question are located, and it is the scheme to put up mills there, manufacture pulp and ship it to this country, where the paper and paper bags will be manufactured.

The location of the paper mill in the States has not yet been decided upon, but it is said that Nashua is likely to be selected, although, if a more desirable place is found, it will be built there.

Some of the citizens of Biddeford with whom Mr. Lord has talked are said to think favorably of his scheme and have expressed a willingness to invest in some of the stock of the company that is to be formed, provided an investigation bears out the claims made by the promoter.

DIRECTORY.

Cards under this heading will be charged for at the rate of \$15 per annum for each card of three lines or less. Each additional line \$5.

Analytical Chemists.

Hamlin & Morrison,

Forest Building, Philadelp Specialists in Soda and Sulphite Processes

DURAND WOODMAN, Ph. D., 127 Pearl Street, New York.—Analyses of Water, Clays, Size, Fillers, Lubricating Oils.

Architects and Engineers.

S. FARWELL, Mem. Am. Soc. Mech. Eng., Consulting Steam Engineer, 309 B'way, N.Y. years' experience in paper mills exclusively. G EO. F. HARDY, M. Am. Soc. M. E. Consulting Engineer. 319 Broadway, New York. HERBERT S. KIMBALL, Chemical Engineer and Mill Architect, 101 Tremont St., Boston, Mass. Sulphite & Soda Fibre, Pulp and Paper Mills, PRIDE, CHAS. B., Mill Architect and Hy-draulie Engineer. Specialties: Paper and Pulp Mills. Appleton, Wis. Pulp Mills.

Appleton, Wis.

PERRY SARLE, Civil Engineer, 146 Westminster street, Providence, R.1.—Water Power,
Water Supply, Power Stations, Masonry Dams.

NOW & HUMPHREYS, Mill Architects, Engineers, Paper and Pulp Mills. Steam and
Water Power Plants. 15 Water St., Boston, Mass.

C. H. VOGEL, A. M., Can. Soc. C. E., Paper,
Pulp and Sulphite Fibre Mills; Water
Power Development. Ottawa, Canada.

WALLACE-JAASTAD-DREWSEN. anh N. William, C. E. A. J. Janstad. H. E. Vigno Draman. Ph. I. Associated industrial Engineers and Chemists. mple Court Bidg. New York. S Water St., Ilostoi Mills and Power Developments.

Bale Ties.

WILSON, H. P. & H. F., Manufacturers of Steel Wire Bale Ties, for baling all com-pressible material. 577 and 570 Tenth Ave., New York City.

FRANK P. MILLER PAPER CO.. HIGH GRADE SPECIALTIES, BOARDS, East Downingtown, Pa.

Fourdrinier Wire Manufacturers.

B ROWN & SELLERS, Manufacturers of Four-drinier Wires, Wire Cloth, Dandy Rolls, etc. Holyoke, Mass.

Jute Butt Brokers.

CABOT, RAY & CO., 81 Water Street, New York.

Metal Skylights and Ventilators.

W^E manufacture metal skylights and ventilators for paper and pulp mills. E. VAN NOOR-DEN CO., 044-52 Mass. Avenue, Boston, Mass.

Paper Clays.

LIZZIE CLAY AND PULP COMPANY,
Manufacturers White New Process Clay for
Paper Trade. Established 1870.
M. T. WARNE, Proprietor, Phillipsburg, N. J.

Paper Makers' Supplies.

BASSETT & SUTPHIN, 45 Beekman Street, New York H EWITT, C. B., & BROTHERS,
Paper, Boards, Glue,
& Beekman Street, New York

ALEX. LEE.

Corset Waste and Pasted Shoe Rags, 40 Wall Street, BINGHAMTON, N. Y.

Paper Makers' and Stainers' Colors.

HUBER, J. M., Manufacturer and Importer of Carmine, Pulp Colors, Orange Mineral, Ul-tramarine, Paper Blue. 275 Water St., New York.

Paper Manufacturers.

DIAMOND MILLS PAPER COMPANY,
White and Colored Tisaues, Copying Paper,
Murray Street, New York, Send for samples
of the new "Mikado" Tisaue Paper.

PORD MFG. CO., 226 La Salle St., Chicago.—Paper Mills at Vandalia, Ill., and Clinton, Ia. Manufacturers of Roofing, Carpet and Deadening Felts.

JERSEY CITY PAPER COMPANY, Four-drinier Tissues, White, Colored and Copying; Roll Tissues, all widths, to order. Cornelison Ave. and Montgomery St., Jersey City, N. J.

Pulp Stock Valves.

THE Cedar Point Foundry, Port Henry, N. Y., manufacture Quick Opening Pulp Stock Valves. Write for prices.

Rags, Paper and Paper Stock.

BRUNELAT & L'HERMITTE à BREST (France). Paper stock, all grades, new and old. Mungo and soft rags. Write for the prices.

BOYLE, LUKE, 390 West Broadway. New York. CHASE & NORTON, High Grade Shavings and Book Stock a Specialty. 277 Water Street, New York.

RLYNN, MICHAEL, 61 Congress Street, Brooklyn, New York.

DIRECTORY.

OTTESMAN, M., Paper Makers' Supplies,

W M. HEMINGWAY, R., 31 South Third St., Philadelphia, Pa.

HILLS, GEO, F., St Roosevelt Street, New York.

LAURENCE HUGHES, 239 to 237 Union Ave., Brooklyn, New York.

J. I. LENHART, a46 North Delaware Ave.,

L IBMANN, JOSEPH, & CO.
New Rags a Specialty.
351 and 353 West Broadway. New York.

IVERPOOL MARINE STORE CO., Liver-pool, England. L. M. S. Wood Tag, Ma-nila, Rope and Star Brands (Registered).

L YON, JOHN H., & CO., 174 Duane St., New York. M cGUIRE, MICHAEL, 100 and 102 Tenth Avenue, New York.

DANIEL I MURPHY,
39 North Water Street.
Philadelphia.

PIONEER PAPER STOCK CO., Packers and Graders of Paper Stock, 323 and 324 S. Des-plaines St., and 105 and 107 Law Ave., Chicago. JOHN SIMMONS' SONS, Paper and Paper Stock, 16 and 30 South Marshall Street (for-merly Decatur Street), Philadelphia, Pa.

JOHN SINNOTT, COTTON and WOOLEN RAGS a specialty. 504-506 West Thirty-eighth Street, New York.

W ARD'S SONS, OWEN, ask and 450 W. Thirty-ninth Street, New York.

Roll Bars and Bed Plates.

OHN DOWD'S SONS, Manufacturers of Roll Bars, Bed Plates and Cutter Knives. (Established in 1847.) East Lee, Mass.

Screen Plates.

POX RIVER SCREEN PLATE COMPANY, Appleton, Wis. Manufacturers of screen plates from hard rolled brass. Reclosing and recutting a specialty.

Sealing Wax.

PROWNE, M. C. Especially for Paper Mills and Wholesale Holyoke, Mass.

Straw Board.

MANHATTAN STRAW BOARD CO., 141-145 Wooster St., New York, C. E. HAWKINS, Treas.

Straw Pulp.

JEAN FREESE, 132 Nassau St., New York.

Waxed Papers.

COY-BABCOCK CO., Bennington, Vt.
Manufacturers of Waxed Papers.
Correspondence solicited.

THE HAMMERSCHLAG MFG. CO., Manufacturers of all kinds of Waxed Papers, plain and printed. 232 and 234 Greenwich St., New York

Don't Guess at Important Mat.ers.



BOWSHEI'S SPEED OR MOTION
INDICATOR
IN DISPENSABLE
In obtaining a UNIFO-AN speed of machinery, and is one of the mest PROFITABLE
little devices ever put in a mill. Will pay for its-1 in 20 days. Dial 13 in. in diameter.
Weight 10 pounds.
Ihe N. P. Bowsher Co., South Bend, Ind.

NOTICE TO THE TRADE.

Notice is hereby given that the patent known ie McEwan patent being patent of the Unit lates No. 494,927, granted March 7. 1898, for an is rovement in paper board, known to the trade was board, has been sold to the National, Ne

news board, has been sold to the National News Board Company.

All licenses to manufacture news board heretofore granted by the National Board and Paper
Company, and by said National Board and Paper
Company assigned to the McEwan Brothers Company, have been cancelled All rights to manufacture
news board under said patent will hereafter be granted solely by the National News Board Company.

McEWAN BROTHERS COMPANY.

August 10, 1889.

TO ALL MAKERS, VENDORS AND USERS OF NEWS BOARD.

We give below a list of the mills duly authorized by license from this Company to manufacture news-paper board. The board made by our licensees will bear the label adopted to designate the regular licensed board from that of infringers:

icensed board from that of infringers:
American Straw Board Co., Chicago, Ill.
American Writing Paper Co., Springfield, Mass.
Bogota Paper Co., New York City.
Berkshire Box and Paper Co., Mellenville, N. Y.
H. C. & H. J. Davis, Davisville, N. H.
Eyster & Son, Halltown, W. Va.
Enterprise Straw Board Co., Honeoye Pails, N. Y.
McKwan Brothers Co., New York City.
Pairpoint Corporation, New Bedford, Mass.
Stony Brook Paper Co., Whippany, N. J.
Stony Brook Box Board Mills, Chatham, N. Y.
Uncas Paper Co., Norwich, Conn.
Westport Paper Co., Westport, Conn.
Vieth's Paper Mills, Marion, Ind.
John A. Shu'ts, Ponn Yan, N. Y.

A. McEwan & Brother, Whippany, N. J.

NATIONAL NEWS BOARD CO.

II Broadway.

THE COLOR AND PRINTING QUALITIES OF YOUR PAPER WILL BE GREATLY IMPROVED BY USING OUR

AGALITE FILLER Superior to any

The value of paper increased and its cost diminished. Retention 90 per cent.

ASBESTINE PULP"

Purity in whiteness, fibrous by nature and free from grit.

INTERNATIONAL PULP CO., Building, New York, U.S.A.

. L. & D. S. RIKER IMPORTERS AND MANUFACTURES

46 Cedar St., New York,

MANUFACTURERS'

ALL TESTS SODA ASH AND ALKALI

Sole Agents for the United States and Canada of The United Alkali Co., Ltd., of Great Britain, for the sale of their various brands of

BLEACHING POWDER



ORNITHOID COVER ORKID COVER COVER 0 NIMBO & S. C. ANTIQUE LAID & LAID PLATED COVER COLORED LAID WRITINGS Write us for Samples PENINSULAR PAPER CO. YPSILANTI, MICHIGAN

WILH. MUNDS,

DRESDEN, GERMANY.

Representative for Nineteen Factoric Central Office for the Sale of

SULPHITE, SULPHITE, SULPHATE AND SODA PULPS,

Bleached and unbleached, in all qualities and all processes. Specialty: The Most Strong Pibrous Qualities

MITSCHERLICH PROCESS. STRAW PULP-FIRST-CLASS BLEACHED

WOOLWORTH & GRAHAM. PAPER

MANUFACTURERS AND DEALERS.

Importors of Paper Makers' Materials.

Export Agents for American Paper Manufacturers.

536 & 538 PEARL ST. NEW YORK.

THE LEADING JOURNALS IN GREAT BRITAIN

FOR THE Paper Trade and Kindred Industries

ARE THOSE OF S. C. PHILLIPS & CO.

New York Office:

47 CANNON ST., LONDON, E. C.

150 Nassau St., near Printing House Square,

WHERE TERMS FOR ADVERTISING SPACE MAY BE OBTAINED.

THE PAPER MAKER AND BRITISH PAPER TRADE JOURNAL.

published first of each month, is, beyond all question, the leading British organ the Paper Trade. The Weed Pulp Maker forms a monthly supplement to the Journ The Paper Maker is well written, well edited and well printed. In every issue appearticles by experts in paper making, and the latest important information of interto to the trade is given. It circulation is world-wide and its reliability is proverbial. Subscription, \$2.65 a year, including postage.

THE STATIONERY WORLD AND FANCY GOODS REVIEW,
with its supplement, PRINTING AND ALLIED TRADES

published the middle of each month. This is an independent organ, specially devoted to the Stationery and Fancy Goods Trades. Of late greater attention has been paid to the Printing and Allied Trades Section. The latest novelties in stationery and fancy goods, and in the whole of the wide field covered by its titles the Stationery World is the most up-to-date and go-shead journal in Europe.

Subscription, 81.30 a year, including postage.

THE PAPER BOX AND BAG MAKER, including THE BOOKBINDERS' JOURNAL,

monthly; the only journal in Great Britain devoted to Paper Box, Paper Bag and Bookbinding industries.

The machinery in use in the United Kingdom in the boxmaking industry is almost entirely made in America and in Germany, and details of the latest inventions in this line are given to the readers of the Paper Box as. Bag Maker. Matters of interest to the trades represented are freely discussed in its pages.

Subscription, \$1.65 a year, including postage.

S. C. PHILLIPS & CO.

Chief Offices: 47 Cannon Street, LONDON, E. C.

NEW YORK CITY. Now York Office : 150 Nassau St., House Square (The Lockwood Trade Journal Co.)



GENERAL PAPER COMPANY

THE GRADES OF PAPERS ARE

NEWS, HANGING, NOVEL, BOX LINING, MANILA AND FIBRE PAPERS.

pany, Kimberly, Wis.
pany, Neenah, Wis.
pany, Quinnesec, Mich.
Appleton, Wis.
Company, Combined Locks, Wis.
y, Mensah, Wis.
taring Co., Port Rdwards, Wis.
y, Neksons, Wis.
ther Pawar Go., Centralin, Wis.

Wis.
Wolf River Paper and Fibre Co., Shawano,
Wis.
Menasha Paper Co., Menasha and Ladysmith, Wis.
Flambesu Paper Co., Park Falls, Wis.

PAPER CO., 135 Adams Street, CHICAGO.

HEMICAL PAPER COMPAI

302 BROADWAY, CORNER DUANE STREET.

Operating Six Machines. Daily Capacity 45 Tons.

"Tub Sized" and "Pneumatic Dried" Writing. Papeterie. White and Colored Envelope Papers.

Cover Papers and specialties of every variety. Hercules Jute Manila. Colors a specialty.

Climax Detail Drawing Paper. Standard Buff and White Silk Wrapping. **BOARD DEPARTMENT:**

White and Colored Patent Coated Folding Box Boards. Tough Check Tag, Holyoke Document. Press Board, White and Colored Blanks. Board Specialties.

MACHINE CO., Lawrence,

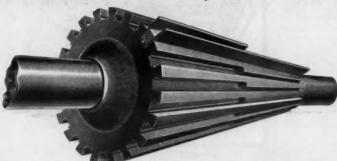
OUR SOLID JORDAN PLUG

Holds Bars without any hoops and is always in perfect balance; will stand double the speed of

Runs Perfectly Steady.

Our JORDANS do not take two Mill Powers to drive them.

WRITE US.



Ask for our new BEATING ENGINE ROLL. Made on the same principle.

No Hoops to break, and only one quarter the amount of steel to buy to refill (at only 20 per cent. the cost) to get the same amount of work performed.

Above Plug and Method of Holding Bars patented and con-trolled exclusively by us.

Full line PAPER and PULP

THE MOORE & WHITE CO.

PHILADELPHIA, U. S. A.

PAPER MACHINERY.

THE PUSEY & JONES COMPANY.

WILMINGTON, DELAWARE,

OWNERS AND SOLE MANUFACTURERS OF THE

GATELY PATENT SPRINGGUARD-BOAL

SHOULD BE EQUIPPED WITH ONE OF THESE GUARD-BOARDS.

FOR FURTHER INFORMATION ADDRESS

THE PUSEY & JONES COMPANY,

WILMINGTON, DELAWARE.

BOOKS FOR PAPER MAKERS

THE DYEING OF PAPER PULP. By Julius Erfurt. Translated into English by Julius Hübner.....\$7.50

PRACTICAL PAPER MAK-ING. By George Clapperton\$2.50

THE ART OF PAPER MAK-ING. By Alex. Watt....\$3.00

A TEXT BOOK OF PAPER MAKING. By C. F. Cross and E. J. Bevan. (Second edition.)\$5.00

This book treats of the chemical and physical characteristics of paper making fibres, their treatment, cellulose, beating, sizing, loading, coloring, the paper machine, hand made paper, calendering, cutting, caustic soda, recovery of soda, testing, site for paper mill, water supply, statistics, &c.

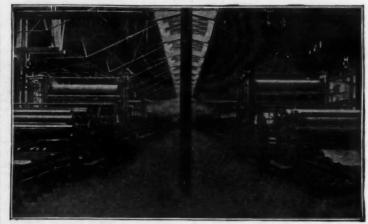
Any of these books will be sent postpaid, on receipt of the price stated, by the

LOCKWOOD TRADE JOURNAL COMPANY.

150 Nassau street, New York.

In every instance remittance must accompany order.

THE BLACK-CLAWSON CO.



Chicago Coated Board Co.'s Plant, showing two of The Black-Clawson Co.'s 118-inch Board Machines.

Hamilton, Ohio, U.S.A.,

DESIGNERS AND BUILDERS OF

Best Paper Making Machines

for All Grades of Papers and Boards.

WE ALSO MANUFACTURE A GENERAL LINE OF MACHINERY FOR PULP AND PAPER MILLS.

Saturating Machinery, Evaporating Machinery, Ink Mills. Perforators, Etc.

PARTICULARS UPON REQUEST.

Wants and For Sale.

Minimum rate for advertisements of this class, one dollar each insertion. Over twenty-five words, four cents a word each insertion. Cash with order. Answers can come in our care, and will be promptly forwarded without extra charge.

All answers should be sent to the New York office, 150 Nassau street.

Advertisements for this column, to secure insertion in that week's issue, must be received not

All answers should be sent to the arew area office, 150 Massau street.
Advertisements for this column, to secure insertion in that week's issue, must be received not later than Wednesday morning.

WANTED—Experienced manager for mill mak-ing straw, express and wrapping papers; good position for right party. Address Express, care Paper Trade Journal.

S UPERINTENDENT—A competent superintendent desires position in book or manila mill; up to date on all grades of stock; best references. Address L., care Paper Trade Journal.

WANTED—Situation by first class machine tender on book or manilas; twelve years' experience; can furnish first class references from previous employer. Address XX, care Faper Trade Journal.

W ANTED—A first class beating engineer in a modern book mill, situated in New Hampshire; to one who is familiar with handling of soda and sulphite pulp for book papers and can furnish good references as to character and ability, good wages will be paid. Address Book Paper, care Paper Trade Journal,

EXPERIENCED SALESMAN - In cardboard, book and lithograph papers, with knowledge of the manufacturing, desires position with mill or jobbing house. Address E. S., care Paper Trade

WANTED—A middle aged man as a paper mill millwright; must be sober, skilled, competent and reliable; good steady work for a strictly first class A. Manning Paper Company, Troy, N. Y.

WANTED—Competent beaterman; roofing paper; sober; references. Address Roofing, care Paper Trade Journal.

W ANTED—Position as beaterman; sixteen years' experience on all grades of rope, manilas and tissue; good on specialties. Address Reliable, care Paper Trade Journal.

FOR SALE—Paper mill in Massachusetts, with three cylinder, & inch machine, all complete, running order, water power tenements, stables, &c.; price moderate; terms easy. Address R., care Paper Trade Journal.

WANTED—Cylinder machine tender, who thoroughly understands running tag and rope papers; none but sober, married men need apply. Address American, care Paper Trade Journal.

AGENTS WANTED

well acquainted with large firms of station-ery branches. Address

BOEGEL & MICHEL, AREWEILER, BAVARIA, GERMANY.

FOR SALE.

Water Power in Quebec Province, developed 20,000 minimum H. P. Population within an area of 60 miles, one hundred bouseast

P. O. Box 813, Montreal, Canada.

WANTED!

PAPER MILL MANAGERS

AND EVERYONE ELSE

interested in the purchase or sale of PAPER MILL MACHINERY to get our Monthly Revised List of Second-hand Paper Mill Machinery. Mailed regularly to address of interested parties upon request.

SHARTLE BROS. MACHINE COMPANY, MIDDLETOWN, OHIO.

WANTED-One 48 inch, 56 inch or 62 inch three cylinder paper machine, complete from screen to cutter. Address Tillie, care Paper Trade Journal.

S UPERINTENDENT—Open for position in No. 1 book mill; thoroughly understands the handling of rags, soda and paper stock; best references. Address Book, care Paper Trade Journal.

FOR SALE.

Dryers, press rolls, chilled calender rolls of various sizes, Fourdrinier machines.

1 48° cylinder paper machine.

1 108°, 1 84°, 1 66°, 1 58°, 1 62° stacks of chilled calender rolls.

2 85°, 2 72°, 1 66°, 2 50° face brass molds.

3 1,500 lb double lighter, 1 1,000 lb. d. l. iron tub, 1 1,700 lb iron tub.

2 800 lb. Horne d. l., 3 800 lb. Jones d. l. beaters.

2 800 lb. Horne d. l., 3 800 lb. Jones d. l. beaters.
1 20x60, 1 18x42, 1 12x36 Corliss engines.
5 72x18" H. R. T. boilers.
1 86" M. & W. cutter, late style.
1 42" Finlay cutter, 1 44" Seybold, 1 56" Sheridan and 1 92" Cranston cutters, 1 64" Diagonal cutter.
1 set 21 iron dryers, 28x72", complete.
2 1,000 lb. Umpherston beating engines equipped with washers.

F. H. DAVIS & COMPANY,

53 State St., BOSTON, MASS.

FOR SALE.

Six 5 feet Carthage Machine Company's latest Barkers; three are new, never having been set up; three have been run about three months; will sell cheap.

J. E. HENRY & SONS, Lincoln, N. H.

LOCATIONS FOR PAPER MILLS

We wish to call attention to the excellent locations for Paper and Pulp Mills along the lines of the

Southern Railway and Mobile & Ohio Railroad.

The pulp wood resources of the South are attracting the attention of manufacturers. In addition to large tracts of balsam (spruce) and hemlock, there exist also large tracts of poplar, cottonwood, red and sweet gum, Tupelo gum and second growth pine. We also offer desirable locations for Straw Board Mills.

Correspondence solicited. Address

M. V. RICHARDS, Land and Industrial Agent,

WASHINGTON, D. C.

H. C. CLARK & SON MACHINE COMPANY, Successors to CLARK & SPENCER, HARVINGTON PAPER MILL MACHINERY,



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 Moids, Marshall Drives Slitters and Rewinders. Reels. Dryers with Improved Packing Boxes Wet Machines. Gun Metal and Rubber Rolls.

COMPANY,

Temple Court Building, New York.
VIGGO DREWSEN, PH. D., PRES. AND MGR.

Drewsen Acid System,

Drewsen Acid Reclaimer,

Jones Chip Separator, Herreshoff Pyrites Burner,

AND THE

Drewsen Process for the Manufacture of Chemical Fibre and Paper from

Cornstalk Bagasse, etc., etc.

FOR SALE CHEAP.

A 62-inch Foundrinier part complete, in first class condition. Taking it out to put in cylinders. It can be seen running at

> EUREKA PAPER MILL, Bridgeport, Pa.

WANTED.

Rolls Reground.

Old Brass Wire Cloth, Scrap Brass, Old Paper Mill

Felts. Will be pleased to quote prices. Write to

THEODORE HOFELLER & CO., 98, 100, 102, 104, 106, 108Terrace, Buffalo N. Y.

FOR SALE. Nine Roll Stack Super Calenders.

Built by Smith, Winchester & Co. Extra heavy frames. frames. Bottom Roll Chilled Iron, 18 in. diam., 32 in. face. Top Roll Chilled Iron, 16 in. diam., 32 in. face. Intermediate Chilled Iron Rolls, 14 in. diam., 33 in. face. Intermediate Paper Rolls, 16 in. diam., 31 in. face

Also Nine Roll Stack.

Prames—Granger Poundry and Machine Co. s. act pattern.
est pattern.
Bottom Roll Chilled Iron, 16 in. diam., 33 in. face.
Top Roll Chilled Iron, 14 in. diam., 33 in face.
Intermediate Chilled Iron Rolls, 18 in. diam., 38 in face. Granger Poundry and Machine Co.'s latface. Intermediate Cotton Rolls, 16 in. diam., 38 in face. Both of the above stacks can be seen at our mills in Lawrence, Mass., and will be sold at reasonable price for immediate delivery.

Merrimac Paper Co., Lawrence, Mass.



GROVE MILLS PAPER COMPANY.

MILLS AT NEWBURGH, N. Y.

Manufacturers of Fine Book, Lithograph, Map and other Papers.

NEW YORK OFFICE: POTTER BUILDING, 38 PARK ROW.

Farrel Foundry & Machine Co.

ANSONIA, CONN., U. S. A.

Chilled Rolls

ALSO MANUFACTURERS OF GRINDING MACHINES FOR ALL KINDS AND SIZES OF ROLLS,

CHILLED AND DRY SAND ROLLS

Patent Hydraulic Lift by means of which machine tender, standing on floor, can raise rolls in frames.

Housings so made that the rolls may be taken out end wise through frame.

Old Rolls Reground at Short Notice.



MANUFACTURERS STRAW BOARD COMPANY.

Paper Box and Binders' Boards.

WESTERN DISTRIBUTING AGENTS FOR THE

UNITED BOX BOARD & PAPER COMPANY.

OFFICES AND WAREHOUSE:

116 and 118 Michigan Street, CHICAGO, ILL.

WE-FU-GO. Water Softening and Purifying Systems Water Filters and Filtering Systems for Every Purpose. WM. B. SCAIFE & SONS CO., PITTSBURG, PA.

C. B. MAXSON, Prest.

THE MAXSON PRINTING PRESS CO.

Manufacturers Sheet Feeding Machinery.

OUR "PREMO" IS ESPECIALLY ADAPTED FOR FEEDING CALENDERS.

CORRESPONDENCE SOLICITED.

Norwood Engineering Co.

PAPER MILL EQUIPMENTS.

Wilson Filters. Elevators. Fire Hydrants.

We Manufacture

Calenders. Rag Dusters, Etc., Etc., Etc.

Catalogues sent upon application.

IMPORTS AND EXPORTS.

IMPORTS AT NEW YORK.

For the Week Ended November 13, 1903

IMPORTS OF PAPER STOCK AT NEW YORK.

From January 1 to November 17, 1903, inclusive.

Whence Imported	Rags.	Old Papera.	Chemical Pibre.		anila ock
	Bs.	Bs.	Tons.	Bs.	Coils.
Alexandria	277			****	
Antwerp	14,479	404	3,447	6,941	284
Barcelona	437	****		****	****
Bordeaux	697	****	****	****	
Bremen	1,835	394		1,493	919
Bristol	26	257		105	4,632
Central America.	1,372	XXXX	****	34	196
Christiania	****	****	****	1,432	60
Colon	93	****	****	****	
Constantinople	475	****			
Copenhagen	631	****	2,275	296	120
Genoa	2,604	5566		287	380
Glasgow	2,830	1,741	****	351	467
Hamburg	12,445	198	4,006	4,922	383
Havre	851	****	****	102	171
Hull	11,233	413	55	4,566	6,802
Leghorn	1,660	****	***		***
Liverpool	2,751	1,641	****	783	4-352
London	4,274	3,903	****	1,332	5,176
Marseilles					617
Naples	78			****	101
Newcastle		71	****		544
Rotterdam	2,403	***	122	1,103	2,010
Stettin	2,451		2,720	1,971	359
Stockholm			15	X 0 E.C	****

NEW YORK IMPORTS.

For the Week Ended November 17, 1903.

Paper.

Paper.

Dietzgen & Co., Vaderland, Antwerp, 8 cs.

N. N. Seyd, by same, 8 cs.

C. Zuhlke, by same, 7 cs.

schwarzschild & Co., by same, 5 bs.

Iavana Tobacco Company, by same, 10 bs.

Dingelisted & Co., by same, 9 cs.

C. Wagner & Co., by same, 9 cs.

C. Wagner & Co., by same, 20 cs.

S. W. Sheldon & Co., by same, 20 cs.

American Express Company, by same, 9 cs.

A. Knoor, by same, 10 cs.

Insel, Bruckmann & Lorbacher, by same, 44 cs.

Iffany & Co., Kaiser Wilhelm II, Bremen, 2 cs.

Arnold, Constable & Co., by same, 2 cs.

Srown & Roese, Minnetonka, London, 5 cs.

Arkins, by same, 2 cs.

Imerican Tobacco Company, Oceanic, Liverol, 63 cs.

nerican Tobacco Company, Oceans, 6, 62 cs.

pfer Brothers, by same, 26 cs.

W. Hampton, Jr., & Co., by same, 8 cs.

Marsching & Co., by same, 12 cs.

B. Richard & Co., Pennsylvania, Hamburg, C. B. Rienard & Co., ready.

E. Dietzgen & Co., by same, 1 cs.
Ault & Wiborg, by same, 16 cs.
F. J. Emmerich & Son, by same, 9 cs. hangings.
R. F. Lang, by same, 20 bs.
G. W. Sheldon & Co., by same, 103 cs.
L. Dejonge & Co., by same, 168 cs. colored.
Dingelstedt & Co., by same, 5 rolls.
American Trading Company, by same, 2 cs.
C. B. Richard & Co., by same, 34 cs.
R. F. Lang, Main, Bremen, 2 cs.
Dingelstedt & Co., Fuerst Bismarck, Hamburg,

G. Amsinek & Co., Amsterdam, Rotterdam, 42 G. W. Sheldon & Co., by same, 31 cs.
Dingelstedt & Co., by same, 32 cs.
A. C. Metzger, by same, 1 cs.
Loch & Schoenfeld, by same, 1 cs.
Hensel, Bruckmann & Lorbacher, by same, 32 cs.
L. J. Spence, La Savoie, Havre, 10 cs.
Rump & Cattus, Bavarian, Yokohama, 11 cs.
Deacon & Co., by same, 15 cs.
W. H. S. Lloyd, New York, London, 14 cs.
angings.

Rags, Paper Stock, Etc. Brothers & Co., Helig Olav, Stettin, 235 manilas.

B. Richard & Co., Belgravia, Hamburg, 183 bs. bagging. Goldman & Sachs, La Champagne, Havre, 85

A. Salomon, Consuelo, Hull, 551 bs. rags. A. Salomon, Consuelo, Hull, 551 bs. rags. Charles Harley, Yucatan, Central America, 30 bs.

Charles Harrey, Lakasar, 20 bs. rags.
Union Rags Company, by same, 20 bs. rags.
G. W. Millar & Co., Columbia, Glasgow, 70 bs.
and 32 coils rope.
E. M. Sergeant, Minnetonka, London, 200 bs.
old papers.
G. W. Millar & Co., by same, 211 bs. old papers.
R. F. Downing & Co., by same, 44 bs. old papers.

ers. J. W. Mason & Co., by same, 183 coils rope. Darmstadt, Scott & Courtney, by same, 23 bs.

gs. J. W. Mason & Co., Armenian, Liverpool, 152 pils rope. Salomon Brothers & Co., Pennsylvania, Hamcoils rope. Salomon Brothers & Co., Pennsylvania, Hamburg, 185 bs. rags, 186 bs. cotton waste.
A. Katzenstein, by same, 185 bs. rags. Felix Salomon & Co., by same, 185 bs. rags. 19c. bs. manilas.
Felix Salomon & Co., Main, Bremen, 44 bs. rags. Express and Shipping Company, Hekla, Copenhagen, 36 coils rope.
J. W. Mason & Co., by same, 30 coils rope.

Castle, Gottheil & Overton, Minnetonka, Lon-on, 41 bs. old papers. Castle, Gottheil & Overton, Hekla, Copenhagen, 8 bs. rags. Reis & Co., British Princess, Antwerp, 272 bs.

ags. Train, Smith Company, by same, 460 bs. rags. Salomon Brothers & Co., by same, 217 bs. flax waste. A. Katzenstein, by same, 287 bs. rags, 183 bs.

A. Katzenstein, by
manilas.
E. Butterworth & Co., by same, 292 bs. bagging, 232 bs. flax waste, 15 bs. cotton waste.
Castle, Gottheil & Overton, by same, 66 bs. rags,
57 bs. flax waste, 71 bs. bagging.
Felix Salomon & Co., by same, 87 bs. rags, 58
bs. manilas.

Bleaching Powder.

ks. J. L. & D. S. Riker, Consuelo, Hull, 25 cks. J. L. & D. S. Riker, Cevic, Liverpool, 80 cks. 'Arnold, Hoffman & Co., by same, 44 cks. A. Klipstein Company, Finland, Antwerp, 37 cks.

Soda Ash.

Wing & Evans, Armenian, Liverpool, 537 pkgs.

Caustic Soda. E. Hill's Son & Co., Co.

o. Hull, me drums. China Clay.

Liverpool, 200 cks.

Wood Pulp.
Castle, Gottheil & Overton, Hekla, Stettin, 125 bs., 20 tons. R. Helwig, Vaderland, Antwerp, 964 bs., 200 tons. C. B. Richard & Co., Pennsylvania, Hamburg, 120 bs., 15 tons.

Sizing.

Castle, Gottheil & Overton, British Princess, Antwerp, 148 bags hide cuttings. E. Butterworth & Co., by same, 64 bags hide cutings.

E. Butterworth & Co., Armenian, Liverpool, 245 bags hide cuttings.

BOSTON IMPORTS.

From November 9 to November 16, 1903, inclusive. Paper, Etc.

J. Eaton & Co., Commonwealth, Liverpool, 14 cs. paper.
W. H. Guild & Co., Sachem, Liverpool, 5 bs.

Rags, Paper Stock, Etc.

Train, Smith Company, Commonwealth, Liver-pol, 219 bs. rags, 303 bs. waste paper, 39 bs. mapool, 219 bs. rags, 329 be. waste illas. E. Butterworth & Co., by same, 234 bs. waste paper, 79 bs. cotton waste, 62 bs. manifas. American Express Company, by same, 56 bs.

ngs.
W. F. Corne, Sachem, Liverpool, 51 bs. rags.
Page, Newell & Co., Colorado, Hull, 240 bs.
cood pulp.
Train, Smith Company, by same, 98 bs. rags.
E. Butterworth & Co., by same, 24 bs. cotton

aste. Toronto Paper Stock and Metal Company, by me, 25 bs. rags.

Sizing.

Train, Smith Company, Commonweatus, Lorenzool, 183 bags.
Thomas Griffiths & Co., Canadian, Liverpool, 270 bags. E. Butterworth & Co., Colorado, Hull, 257 bags.

China Clay.

Express Company, Commonwealth, Liverpool, 400 bags. Charles S. Bush & Co., Sachem, Liverpool, 240 Warren & Co., by same, 10 cks.

Bleaching Powder.

Linder & Meyer, Canadi

Soda Ash.
Linder & Meyer, Canadian, Liverpool, 120 bags, 14 Ics. Warren & Co., Sachem, Liverpool, 71 cks.

Paper Makers as Canal Boat Men. [FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, November 16, 1903.—Becoming weary of the effort of the Miami and Erie Canal Transportation Company to furnish the proper facilities, a number of paper tradesmen and other manufacturers joined in the formation of the Ohio Boat Company. Most of the men are Daytonians. Unfortunately they were unable to secure a charter at first, as Attorney-General Sheets objected to the articles of incorporation on the ground of uncertain purposes being set forth. In accordance with the Attorney-General's opinion, the chief clerk in the Secretary of State's office advised the projectors of the new company the first of this week that the papers would not be accepted until they were made clearer. It is said that when the purposes appear less ambiguous the charter will be granted. It is con tended that by the articles submitted the company would be in a position to do almost anything with the canal bank, or the canal property, if they secured control of it. While the incorporation of the company would not give the new company certain rights along the canal, the Miami and Erie Transportation Company, which is now in the hands of receivers after having expended thousands upon thousands of dol-

lars, is fighting the paper men at every step.

The Ohio Boat Company was organized for the purpose of running a line of canal boats on the Miami and Erie in competition with the electric mule under the theory that the Miami and Erie had secured valuable rights merely to transform the bank into a railway and turn it over to some company. Most of those who wish to incorporate the Ohio Boat Company are interested in paper mills. Among the number are J. H. Friend, of the Geo. H. Friend Paper and Tablet Company, of West Carrollton; W. P. Callahan, of the Ohio Paper Company, and the Levis mill in Miamisburg and Dayton, respectively; E. J. Barney, the multi-millionaire car manufacturer; R. R. Dickey, of the Dayton Globe Iron Works; Col. W. P. Orr, of the American Straw Board Company, of Piqua; J. T. McHugh and E. P. Harrison, of Cincinnati.

It is claimed that the Miami and Erie Transportation Company has already ruined a strip of the canal, and that various manufacturers who heretofore secured transportation by water have had such poor facilities since the various canal carrying lines were absorbed by the "electric mule" company that conditions are worse than before.

It is the intention of the Ohio Boat Company to restore the canal to its original condition and use it for shipping purposes. It is said that the "mule" will again appear on the towpath until the new company can determine upon a more modern motive power, which may be steam. It was expected that the company would incorporate last week, but it is manifest that the Attorney-General will investigate before granting the charter. M. V.

J. M. Cox Owns Dayton News.

[FROM OUR REGULAR CORRESPONDENT.]
DAYTON, Ohio, November 16, 1903.—An important deal was consummated in local newspaper circles this week when James M. Cox, president of the Daily News Publishing Company, acquired all of the stock of that corporation, purchasing the same from Dayton and Middletown men. He thus became the sole owner of the paper. A little more than five years ago Mr. Cox bought the paper with limited capital, but succeeding in entirely re-equipping the plant and issuing a metropolitan paper which attracted attention in the newspaper world. When the News became a 1 cent paper its circulation was assured, and the paper has forged ahead in remarkably short time. Recently Mr. Cox paid \$26,000 for a building site. and the paper will some day be in a home of

Fire in Roberts' Mill in Waltham, Mass.

WALTHAM, Mass., November 16, 1903 .-Fire which started among some rags over the boiler room connected with the paper mill of the John Roberts & Son Company caused \$1,500 damage; insured.

September Pulp Exports.

Washington, D. C., November 16, 1903.

The exports of wood pulp from the port of New York and other ports of the United States during the month of September amounted to a total of 4.881,285 pounds, at a value of \$88,379, distributed as follows:

From	Pounds.	Value.
Boston and Charlestown to-		
Belgium	168,294	\$3,860
England	588,687	11,000
Totals	756,981	\$14,860
New York to-		
Austria-Hungary	34,442	\$700
Belgium	406,175	7,371
France	203,757	4,284
Germany	448,857	8,575
Italy	233,705	5,201
England	1,258,472	22,971
Netherlands	144,132	2,751
Scotland	34,108	614
Mexico	44,950	1,000
Totals	2,808,598	\$53,467
Philadelphia to-		
Belgium	459,850	\$9,462
Germany	136,047	2,721
Totals	595,627	\$12,183
San Francisco to British Co-		
lumbia Puget Sound to-	24,010	\$25.3
British Columbia	64,356	576
Japan	468,933	
Totals	533,289	\$4,690
Champlain to Ouebec, Ontario,		44,030
&c	39,720	\$713
Memphremagogue to Quebec,		
Ontario, &c	123,060	\$2,213
Grand totals	4,881,285	\$88,379
	A.	F. T.

Paper Makers in Trolley Collision.

[PROM OUR REGULAR CORRESPONDENT.]
DAYTON, Ohio, November 16, 1903.—Two Cincinnati, Dayton and Toledo Traction cars collided last night at West Carrollton with disastrous results and many persons were injured, while one man, George Weidle, was instantly killed. Among the injured were Arthur Floyd, aged twentyfive, a paper maker, who sustained a frac-ture of the right leg, and Ralph Snyder, a paper maker, who was bruised and cut about the body. Two cars were running close together, and either from slippery tracks or carelessness the second crashed into the rear of the first car. Ed-ward Holderfield, a driver, of West Carrollton, was perhaps fatally injured, also He was brought to this city and his right leg was amputated at the Deaconess Hospital. Most of those who were hurt were employed in various capacities in the paper mills of that village.

Straw Board Co. Burned Out.

PHILADELPHIA, November 17, 1903.— The Philadelphia Straw Board Company Herman Loeb, paper box maker, and F Stokes & Co., dealers in wrapping paper, were burned out today. Losses are partly covered by insurance

WALLACE-JAASTAD-DREWSEN.

JOSEPH H. WALLACE, C. E. A. U. JAASTAD, M. E. VIGGO DREWSEN, PH. D. Temple Court Building, New York.

85 Water St., Boston.

PAPER AND PULP MILLS. POWER DEVELOPMENT AND DISTRIBUTION.

Examination of Industrial Plants for Economic Production. Laboratory and Technical Investigations of Processes.

GEO. IL VERNON.

T. ALFRED VERNON.

HAROLD VERNON.

VERNON BROTHERS de 00.

Writing, Book, Printing, Copying, Cover, Enameled, Tissue, Wrapping, Biotting Papers, Etc.

FELIX SALOMON & CO.

Nassau-Beekman Building

140 NASSAU STREET, NEW YORK. Importers of and Dealers in All Grades of Rags, Paper Stock, Etc. Also Representing HUGO HARTIG, HAMBURG, GERMANY,

A. G. ELLIOT & CO.

.... PHILADELPHIA, PA.

....PAPER

Correspondence solicited with manufacturers desiring Philadelphia outlet.

GEORGE F. HARDY, M.A.M. SOC. M. E., 309 Beoadway, New York,

Consulting Engineer.

SPECIALTY: Paner. Puln and Fibre Mills. Examination of Mill Properties, Water Power Developments.



JOHN KNIGHT & CO.

CHINA CLAY IMPORTERS, SPRINGFIELD, MASS.

ole Agents L. G. V., W. F., R and other Brands of CHINA CLAY.

L. Q. V. is a natural Pure White, free from any artificial tinting.

For Coating, Bleaching or Fine Papers it is unsurpassed.

SALOMON BROS. & CO.,

Formerly FELIX SALOMON & CO.

Importers of All Grades of Rags and Paper Stock,

99 NASSAU STREET, NEW YORK REPRESENTING
GEBR. SALOMON, Harburg/Hamburg, Germany.
GEBR. SALOMON, Hanover, Germany.

MORRISON & HERRON, Paper Testing Machines.

Address HOWARD L. MORRISON, 1009 Penna. Avenue N. W., WASHINGTON, D. C.

In buying, why not get the best on the market? U. S. Government department standard for the last twenty years; also in use abroad.

Paper Mills cannot be without them. Are made of brass, iron, etc. No Rubber or Liquids Used.

USE Dry French and Golden Ochres, Turkey Umbers, Italian Siennas, Oxides of Iron, Sap Brown, Etc.

Headquarters: J. W. COULSTON & CO., 81 West St., New York City.

LITTLE & WALKER, 18 Exchange Place, Chemical Experts and Engineers.

A. D. LITTLE, W. H. WALKER,



Specialists in the Chemistry of Cellulose, Wood Pulp Processes, Paper Making and Electro-Chemistry.

CHEMICAL COCHRANE

55 Kilby Street,

BOSTON, MASS.

Highest tests, free from iron, and all other grades used by paper makers. Also Manufacturers of ACETIC ACID, SULPHURIC ACID and other chemicals.

WHEELWRIGHT FILLER & MFG. CO.

WHEELWRIGHT "F. A." PAPER FILLER.

PAPER MAKERS' MATERIALS.

187-190 Times Building, 41 Park Row, New York.

Foreign and Domestic Paper Stock and New Cuttings, Jute Stock, Sizing, Sulphite and Soda Pulps.

CHEMICAL AND MECHANICAL WOOD PULPS. U. S. Agents for ST. JOHN SULPHITE PULP CO., Mispec, N. B.

MARKET REVIEW.

Office of The Paper Trade Journal, Wednesday, November 18, 1903. FINANCIAL.—Money on call during the week ruled at 41/2@6 per cent. On Monday it ruled at 41/2@6, closing at 5 per cent., with the majority of the day's loans at 5 per cent. On Tuesday it ruled 43/4@6 per cent., closing at 5 per cent., with the majority of the day's loans at 5 per cent. Time money, 6 per cent. for all dates from thirty days to six months. Mercantile paper, 6 per cent. for sixty to ninety days' endorsed bills receivable, 6 per cent. for choice four to six months' single names and 6@6½ per cent. for others. Latest quotations on trade securities are as follows:

American Straw Board Company	-	-
American Writing Paper Company, 58	673/2	69
American Writing Paper Company, com		23/2
American Writing Paper Company, pref		121/2
International Paper Company, com		II
International Paper Company, pref	60	61
International Paper Company, 68	1043/4	106
Standard Rope and Twine Company		76
Standard Rope and Twine Company, 6s		-
Standard Rope and Twine Company, income		-
Union Bag and Paper Company, com	6	-
Union Bag and Paper Company, pref	65	_
United Box Board and Paper Company, com		4
United Box Board and Paper Company, pref	21	32
United States Envelope Company, com		10
United States Envelope Company, pref	60	70

PAPER.-The demand so far this month is not up to the expectations of the dealers and manufacturers. however, have not as yet felt the effects of the curtailed buying in the same proportion as the jobbers. From the reports received it would seem as if all the mills had a fairly good supply of orders ahead. For this reason there are no indications of any lowering of the quotations. But should the depression of the past few weeks continue the chances are that the market conditions will be reflected in the asking prices of the manufacturers. The fact, however, that the consumption of paper for the six weeks previous to the first of the year is always heavy is counted on to offset any temporary weakness in the distributing Because of the heavy advertising at this season the demand for News paper is quite strong. All the large News manufacturing companies report a big demand. ome of the agents of the smaller companies, on the other hand, say that the market on News is a little softer this week. The quotation on News ranges from 2.40@2½c. Manilas are moving, but are not as active as they should be in November. The mild weather and restricted buying in many lines of business have combined to reduce the consumption of Manilas. In Manilas the unfavorable market situation is reflected to a greater extent in the other grades. Some buyers report that the manufacturers of the cheaper grades of Manilas are quietly offering concessions. Tissues continue very scarce and high. Book papers are fairly steady, but are not considered strong. The reports from the sellers of Book papers represent the two extremes of great activity or extreme dullness, according to the volume of their sales. Many of those who sell Book pa-pers complain that their customers are not placing big orders, but are buying as needed instead. In Writings the regular trade is of more moderate proportions, as print-ers, lithographers and manufacturing stationers are not as busy as they should be at this time. Special orders help to bring up the sales to somewhere near the average. In Boards the market is rather quiet, partly because of the lessened demand for paper boxes, due to the depression in general business and partly because of the organization of the Paper Products Company. A new price list on Boards is expected this week. We quote:

Bonds 9 @	412	manna-		_		
Ledgers 9 @	20	White	2	w	-	
Writing-		Butchers'	1.80	@	1.85	
Superfine II @	-	Fibre Papers	25/		356	
Extra Fine II	17	Hardware-		_		
		Brown Glazed	98/	(0)	_	
Fine 7/2@	2		074	12	-	
Fine, No. 2 7 @	0	Black		, g	_	
Engine Sized 6 @	7%	Light Red	454	i OP	-	
Book, S. & S. C 3140	-	Tissues-				
Book, M. F 31/2@	416	White and Col-				
Book, Coated 534@	8	ored, aox30	9.0	400	50	
Coated Lith'gr'ph 6 m		Manila, No. 1.	20	***	3-	
	200			-		
News 2.40 @	272	24330	45	w		
Label 51/2@	-	24x36	40	-	45	
Manila-		Manila Bogus			-	
No. 1 Jute 41/4@		Common Bogus	1.30	-	1.35	
No. # Jute 4 m	416	News Board, ton.\$4			-	
	4/3	Straw Board, ton.3	5 00	- 32	_	
No. 1 Wood 21/2@	3/3			12	-	
No. # Wood 2.15	11/4	Wood Pulp Bo'rd.4	00.0	100	_	
ALLE DE MERCHANIN IN	-					

WOOD FIBRES.-In fibres there is this week no varia tion from the good report that has been repeated week after week for a number of months. Imported fibres still continue scarce and high. For them the sellers insist upon advanced prices. All high class domestic stock is also bringing very good prices because of the strong demand and the scarceness. Domestic Unbleached Sulphite is in very fair demand at from 1.70c. up. Soda is unchanged. We quote as follows:

Sulphite, foreign— Bleached, em			Soda, domestic- Bleached	10.5	400	_
dock 2.7 Unbleached, ex	5 @	3.20	Soda, foreign- Unb'h'd Spruce,		140	
dock 1.9 Sulphite, domes.—	5 @	2.15	ex dock Bleached, ex	1.90		256
Bleached 2.4	0 0	21/2	dock			31/2

WOOD PULP.—Speaking of the situation in the ground rood market a prominent middleman said this week: "I have nothing to offer and, on the other hand, I am not pressed with inquiries for pulp. So you see that things are in statu quo. The fact that offerings are few go to show that manufacturers are not anxious to unload at present prices." The slimness of the inquiry can be accounted ent prices." for only on the assumption of that paper man.

BAGGING, ETC.-With the exception of Gunny Bagging the stocks in this list are featureless. Gunny happens to be of interest simply because it is scarce and is advancing in price. This week the importers say that they cannot sell Gunny for less than 85c. Rope is dull and weak. The other stocks are very quiet. We quote:

Harman ware ended and				
Gunny, No. 1-		Manila Rope,		
Domestic821/2@	.85	Foreign 2.	15 @	-
Foreign821/2@	.85	Domestic Rope 2.	15 @	_
Mixed Bagging60	.65	New Burlap Cut-	-	
Wool Tares, heavy 1.15 @	1.20	tings	136@	15/2
Wool Tares, light. 1.10 @	1.15	Flax Waste	1 10	11/8
	-	Flax Waste, w'sh'd	13400	23/4

FOREIGN RAGS.—The market generally speaking seems quiet. Some of the leading importers, however, report that their sales are ahead of those for the fall months of last year. Desirable new stock is said to be in good demand. In Old Rags the ϵ is no strong demand because buyers refuse to pay the asking prices of the packers. The market abroad continues firm. We quote:

German Blue Cot-			New Light Cut-		
tons	I.20 (1.30	tings	33/4@	37/8
Dutch Blues	1.30 @	1.40	Old Linen, White	33/4@	43/4
Light Print			Old Linen, Gray	1 0	23/4
New Mixed Cut-		-70	German Colored		-74
tings		23/2	Cottons	.85 @	
			Old Linen Blue	17600	1.05

DOMESTIC RAGS.-There is an even, steady movenent in rags, although there is no special activity to the buying. No. 1 Whites and Soiled Whites, both Street and House, are in very fair demand. Thirds and Blues and Street Seconds are said to be quiet. Satinettes, both straight and mixed, Tailors' Clips and Hard Back Carpets are in quite active demand. We quote:

				** ****		
New Shirt Cut-				No. 1 Whites 3.20	0	3.30
tings, No. 1	41	4@	53/2	Soiled Whites,		
New Shirt Cut-				street 1.05	a	1.15
tings, No. 2	35	40	-4	Soiled Whites,	_	
New Light Sec-				house 1.65	100	1.75
onds		48	236	No. a New Yorks 1	-	1.10
New Blue Cottons	- 5	ä	3½ 3½ 1¼	Street 25		
New Mix, Cottons		ä	134	Thirds and Blues, 1.15	7	1.25
New Common			*74	Mixed Satinettes30		
Dark Seconds		-	1.00	Satinettes, str'ghtto		.45
New Black Cot-			4.00	Tailers Carrie .00	- 10	
		-		Tailors' Seconds25		.30
tons, soft	1.35	98	1.50	Hard Back C'pts40	œ	-427
New Black Cot-						
tone mixed						

OLD PAPERS.-The demand for old papers continues quite satisfactory. A good feature of the situation is the fact that there is no accumulation of any of the various grades of stock. No. 1 White Shavings, Solid Ledgers, Ledgers and Writings, Straw Clippings, Straw Boxes and Flat Stock are all in active demand. Overissues, Folded News and Crumpled News are all moving freely. Manila Cuttings are a little off. We quote:

No. 1 Hard White		New Manila Cut-			
Shavings 2.15 No. 2 Hard White	@ 2.40	Extra No. 1 Ma-	1.25	0	1.30
Shavings a No. 1 Soft White	@ 2.10	Ordinary No. 1	-95	0	1.00
Shavings 1.65	國 1.70	Manilas			
No. 2 Soft White	-	No. 2 Manilas			
Shavings 1.25	W 1.35	Folded News	.60	OP.	.65
White W'd Waste 1.10	個 1.15	Fold, News (over-			
Solid Ledgers 1.50	@ 1.60	issues)	.65	-	-70
Ledgers and Writ-		Crumpled News	- 37 36	0	.421/2
ings 1.25	@ 1.35	Mixed Papers	-40		-45
Book Stock, No.		Commons	.30		
1, heavy	@ t-00	Straw Clippings	-50		-55
Book Stock, light .55	- 20	Binders' Clip-	.30	400	+33
No. 1 Mixed	= ./0	pings	.40	-	. 40
Shavings	A	Straw Boxes		Ξ	
Shavings 75 No. a Mixed	190	SHEW DOXES	-45	49	-47%
Charitan Mixed	-				
Shavings60	.70				

TWINES.—The houses that carry twines report a fair demand, which the dealers say would be a great deal better if we had more favorable weather for the movement of the winter stocks in the hands of the retailers. Manila papers and twines are both in somewhat reduced tion because of the warm weather. We

The state of the s			Marin Members 44.	e de	ore	*
Sisal Hay	9 @	1156	Marline Jute, 7	83/2	@	-
Sisal Lath Yarn	8 @	9½ 6½	M'rline Jute, 8 & 9	73/2	@	metri.
Jute Rope	6 @		B. C. Hemp, 18	171/2	@	-
Jute Twines, 18	13/20	-	B. C. Hemp, 24	161/2	0	-
Jute Wrapping,			B. C. Hemp, 24 B. C. Hemp, 36 B. Hemp, 18	16		-
to 6 ply—			B. Hemp, 18	18	0	-
No. 1	955@	-	II. Hemp, 24	173/2	@	-
No. 2	8550	-	II, Hemp, 36	17		-
Jute Twines, 24	13 @	-	Mix. Hemp, 8 & 9	-	a .	-
Jute Twines, 36	121/2@	-	Amer. Hemp, 41/2.	14	@	-
Marline Jute, 45%.	81/2@	-	Amer, Hemp, 8	13	@	-
Marline Jute, 6	834@	-	Ames. Hemp, 6	14		-
III TDAMADI	INTE	A	sandu damand and			4

-A steady demand continues and prices are regular.

CHINA CLAY.-Imported goods are in small supply spot. Prices are firm on steady demands and the range is \$11@17. Domestic is in fair call at \$8.50@10.

ALKALI.-There has been a larger outward movement, owing to increased deliveries under contracts. Prompt has selling freely at 721/2c. for Light and 771/2c. for Dense in bulk, f. o. b. works.

CAUSTIC SODA.-There are reports that the price of Caustic will be advanced soon as makers are well sold up over next year. This has stimulated business for next year's contracts, which have been sold at 1.75@1.8oc. f. o. b. works.

SAL SODA.-Contract business is satisfactory, but new trade is rather light. Prices are unchanged.

BLEACHING POWDER.—There has been business one in next year's contracts at 11/4c. and upward for English and Domestic for seaboard deliveries and 1.20c. and up for German. Spot is quiet and the quotation is 1.20c.

ALUM.-Deliveries continue heavy. Lump is quoted at 1.75@1.80c. and Ground at 1.85@1.90c.

BRIMSTONE.-A few resales are reported from steamer due at \$23. Shipments are held at \$22@22.25, and thirds 50c. per ton less, but buyers only take such lots as current wants require, unless concessions are made.

ROSINS.—The market here is very firm and there was an advance of ioc. on all grades in Savannah on Tuesday. Pale grades were marked up here. We quote: Common to Good Strained, \$2.95@3; E, \$3@3.10; F, \$3.10@3.15; G, \$3.20@\$3.25; H, \$3.30; I, \$3.45; K, \$3.70; M, \$3.85; N, \$4.10@4.15; W G, \$4.25; W W, \$4.50.

COLORS.-We quote colors, dyes and mordants as fol-

lows:							
1	MINES	LAL	AND V	EGETABLE COLORS.			
Brazil Wood Ex-				Logwood Extract.	7		IO
tract	15		-	Orange	20	100	27
Chrome Yellow	IO!	40	25	Prussian Blue	30	Q	38
Cochineal	23	10	25	Venetian Red-	-		-
Indian Red-	-	_		American	80	@	1.25
American	3		31/4	Prime English	13	40	2
English	43	60	81/2	Ultramarine Blue.	10		23
Indigo, J		0	50			-	-
			ANIL	INES.			
Artificial Indigo	45	100	50	Fuchsine L	55	(9)	60
Auramine O	90	ä	-	Methyl Violet	55 58	a	1.00
Emerald Green		- iii	50	Orange	20		27
Eosine		ũ	1.15	Scarlet # R	23	ä	25
Fuchsine	70	ĕ	75	Victoria Green	45	a	50
		_		ANTE.			
Acetate of Lead-				Bichro mate of			
Crystals, broke,				Potash	Q ¹	40	105/2
cks		420	734	Chrome Alum		ä	21/4
Crystals, broke,		-	224	Sulphate of Cop-		-	-/4
bls		0	8	per	51	40	6
White, broke,		-	-	Sulphate of Iron.	275		85
cks		0	7	Tannic Acid			351/2
Brown cks	6	0	634			-	337-
	-	-	224				

Philadelphia Markets.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, November 17, 1903.—The past week, following the example of many preceding ones, brought no change, even of the slightest character, to the conditionsvery quiet ones they are-in the paper stock market. Prices continue unchanged only because the sluggish demand is equalized by small supplies. Quotations are as follows:

			E A	PER.
Bonds Ledgers	9	8	40	No. 1 Jute Manila 43/4@ 5 Manila Sulphite,
Writing-	-	-	-	No. 1 31/4 31/2
Superfine	1.0		15	Manila, No. 2 2 @ 3
Extra Fine	0	ä	11	Common Bogus. 1.55 4 1.60
Fine		ĕ		Straw Board, ton.35.00 @ -
Fine, No. 2	2	iii	- 6	News Board, ton.45.00 @ -
Fine, No. 3	6	ě	7	Wood Pulp B'rd40.00 @42.50
Book, S. & S. C.	3-75	ä	5	Felts-
Book, M. F	31/	40	43/4	Regular, ton30.00 @33.00
Book, Coated	61/	400	81/2	Slaters
Coated Lith'gr'ph	63	40	8	Best Tar'd, 2 ply .60 @ .70
Label	6)	iā	8	Best Tar'd, 3 ply .80 0 .90
News	3.50	-	3.10	
	-	_	BAG	GGING.
Gunny, No. 1-				Manila Rope,
Foreign	-95		1.00	No. 1 21/4@ 21/2
Domestic	-75	-	.80	New Burlap Cut-
Mixed Bagging	-50	0	-75	tings 1 @ 134
Wool Tares, heavy	1.40	- 60	-	Flax Waste 2 @ 21/8
Wool Tares, light	1.20		-	Flax Waste, w'sh'd alia alia
		_	Orn	Papers.
Shavings-			OLD	Nu. 2 Books, light .45 @ .50
No. 1 Hard				Extra No. 1 Ma-
White		-	414	nilas90 @ 1.00
No. 1 Soft White		4ã	254	Fold, News (over-
No. 2 Soft White		70	134	issues)
No. 1 Mixed		٠,	-75	Old Newspapers45 .50
No. a Mixed	60	- 2	.65	
Ledgers and Writ-		-	.63	
ings	2.00	-	1.60	
Solid Books	.80	-	.85	Binders' Clippings .40 4 .45
New Manila Cut-	.00	-	.03	winners culthriggs :40 ft :43
tings		400	1.25	
		-	3	E. R. G.
				E. R. G.

Chicago Markets.

Western Publication Office
The Paper Trade Journal,
936 Monadnock Building,
CRICAGO, Ill., November 16, 1903.

Demand for paper stock is fairly active in old papers and good grades. Rag market continues slow. We quote:

about the same.	AA C C	luote:			
		PAR	ER.		
Bonds	655.00	30	Heavy Rag Wrap-		
Ledgers	IO (II	30	pings 1.60		-
Writing		-	Rag Lining 1.80		-
Superfine	11 @	17	Straw Lining 1.75	ē	-
Extra Fine	10 @	2.5	No. 1 Sulph. Ex-	_	
Fine	8 @	10	press 2.75		3.00
Fine, No. 2	61/2@		Straw Board, c. I.,		
Engine Sized	41/2@	6	ton32.00		-
Book, S. & S. C.,	41/2@	- 5	Straw Board, L c.		
Book, M. F	31/2@		l., ton36.00		-
Book, Coated	6 0	10 *	News Board, ton-		
Coated Lith'gr'ph	0 6	10	No.1, 40 to 60,	_	
Label	- 6r @	111/2	0, 1		_
News, No. 1 News, No. 2	2.05	2.85	No. 1, 40 to 60,	-	
Manila, No. 1	2.40 億		M. G. h	-	-
Manila, No. 2	2.00 (3.00	No. 1, lighter than No. 6035.00	-	
Butchers' Fibre	2.30	2.50	Less than car	-98	_
Butchers' Manila.	2.10			-	
No. 1 Jute Manila	4.10	2.30	Wood Pulp B'rd40.00		_
are a Same beautiful	4 10	9			_
	RA		ung, Erc.		
No. 1 Whites	1.90 @	2.00	Mixed Bagging75	-	-
No. a Whites	11/2@	-	New Bagging 1.00		-
Thirds and Blues.		-	Manila Rope, f. o.		
Large Satinettes.		-	b., Chicago 25	600	-
Small Satinettes	-35		White Cott. Batts. 2.50		-
Rag Carpets		-	Wipers	489	-
Gunny, No. 1	-75 W	-			
		OLD P			
Shavings-			Manila-		
No. 1 Hard			Extra No. 1 1.35	(8)	1.40
White	1.90 #	2.00	No. I 1.00		1.10
No. 1 Soft White			No. 345		-55
No. 2 Soft White		1.40	Mixed Papers45	0	-55
No. a Mixed	-50 (B)	.65	Folded News 45	-	-55
Ledgers and Writ-			White Blanks85		1.00

Binders' Clips.... 45 @ .50

THE MATHIESON ALKALI WORKS,

>

GASTNER ELEGTROLYTIC ALKALI GO.

"EAGLE-THISTLE" BRANDS

BLEACHING POWDERS

HIGH TEST.

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



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, Barre's or Bags; also Cases,

ARNOLD, HOFFMAN & CO.,

INCORPORATED. SOLE AGENTS

PROVIDENCE: 55 Canal Street.

NEW YORK: 32 Broadway.

BOSTON: 147 Milk Street.

PHILADELPHIA: 117 S. Front Street.



ROLLS OF ALL KINDS

CHILLED OR SOFT IRON, COPPER, BRASS, RUBBER, PAPER OR FIBRE

ground to perfect accuracy by the "POOLE" process.

We have for many years made a specialty of

ROLL GRINDING, and with abundant facilities we' are prepared to do this work promptly. NEW CHILLED ROLLS of unexcelled hardness and finish furnished.

THE J. MORTON POOLE CO., Wilmington, Del.

ESTABLISHED 1832.

JOHN WALDRON, New Brunswick, N MANUFACTURER OF ALL STYLES OF

WALL PAPER MACHINERY,

Coating Machinery for Lithograph, Label, Fancy, Glazed, Book and Sand Papers.
Dejonge Patent Sheet Coating Machines. Dejonge Patent Drying
Machine for Papers or Other Material in the Sheet.

so Cardboard Machinery, Hilbers, Staib and Waldron Patent Hanging-Up Machines, Patent Power Recling Machines for Coated Papers and Cardboard. Embossing Machines, Paper Rolls, Polishing Machines, &c. Machines for Coated Papers and Caratocard.

Manufacturers of

Above Goods in the United States and Car

LOCKWOOD'S DIRECTORY

Paper, Stationery and Allied Trades.

29th Annual Edition

Price, \$3.00, Express Prepaid. Cash with order.

ORDER AT ONCE.

AN INDISPENSABLE ADJUNCT! ORDER IT NOW AND YOU NEED IT! GET PROMPT BENEFIT.

It contains a list of all the Paper, Pulp and Chemical Fibre Mills in the United States, Canada and Mexico. Also lists classified according to goods made.

Manufacturers of Glazed and Coated Papers, Waxed and Parchment Papers, and Cardboard.

PAPER DEALERS and IMPORTERS in the United

LEADING STATIONERS in the United States and Canada. Wholesale Stationers are designated by a *.

A List of Railroad Purchasing Agents.

Watermarks and Brands.

Lists of Trade Associations, with Officers.

Manufacturers of Twine, Tags and Playing Cards.

It also contains a List of Manufacturers of Blank Books, Envelopes, Pads and Tablets, Paper Bags, Paper Boxes and Wall Paper Printers.

Valuable statistical information which all the trade want.

This Directory has grown enormously during the past three or four years, and no better index of the growth of the trades it represents can be found. At \$3 00 it is cheaper than any directory of any trades as impo tant and diversified as the Paper and Allied Trades

ADDRESS

LOCKWOOD TRADE JOURNAL CO.

150 Nassau Street, New York.

RITER-CONLEY MFG. CO.,

PENSTOCKS AND DIGESTERS.

Smokestacks, Tanks, Buildings, Corrugated Iron, Blast Furnaces, Gas Holders, Oil Refineries.

HEAVY PLATE AND STRUCTURAL WORK OF ALL KINDS.

MAIN OFFICE AND WORKS:

EASTERN OFFICE

PITTSBURGH, PA.. U. S. A.

39 Cortlandt St., NEW YORK.

Excelsior Straightway Back Pressure Valve



is simple in construction and well made. Being fitted with the Jenkins Disc, it is noise'ess and never sticks. Gives long service, and can be relied upon at all times. Can be quickly thrown in and out of use without taking valve apart. It offers no resistance to the steam when wide open.

JENKINS BROS., New York, Boston, Philadelphia, Chicago, London

CHARLES S. BARTON, Pres. and Treas.

GEORGE B. WITTER, Sec'y.

Rice. Barton & Fales Machine and Iron Co.

Builders of the Highest Grade of Fourdrinier and Cylinder

achines and Pulp Drying N

Calender Rolls; Stuff, Suction and Fan Pumps; Hill Patent Diagonal Cutters; Patent Top and Double Edged Slitters. New Improved Patented Vertical Single Drum Winder and Rewinder, Wet Machin of Increased Capacity, Etc.

ESTABLISHED 1878

BUCHANAN & BOLT WIRE CO. HOLYOKE,

Fourdrinier Wires, Dandy Rolls ... Brass Wire Cloth ...

PAPER, PULP AND COATING MILLS.

We Make a Special Wire for Fine Book and Writing Paper.

Sample and price upon application.







THE BELLOWS FALLS MACHINE CO.

BUILDERS OF HIGH GRADE

PULP and PAPER MAKING MACHINERY,

Cylinder and Fourdrinier Machines. Slitters and Winders, Centrifugal, Vacuum and Stuff Pumps, Wet Presses, Etc.

BELLOWS FALLS, VT.

OUR SPECIALTY:

HEAVY



LATEST IMPROVED CUTTER.

AMBLET MACHINE CO.

Lawrence, Mass.

Successors to DUSTIN MACHINE CO

Lobdell Car Wheel Co.

Chilled Rolls

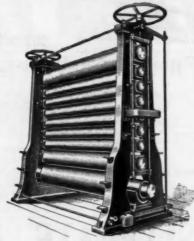
Paper Machines,

Brass, Copper, Flour, Oil and Ini

Grinding Machines

CALENDERS

furnished complete with Patent Open Pace Hous-ings, Open End Housings or Ordinary Style Hous-ings.



Wilmington, Del., U. S. A.

OPEN END BOX HOUSINGS-

For SHORT COOKING.

Good Results and Absolute Reliability.

E. MEURER'S PATENT.

The only absolutely reliable Digester.

The only Digester which will work satisfactorily from the start,

The only Digester which does not need constant watching and repairs.

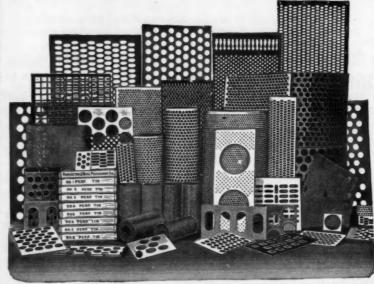
The cheapest Digester in the long run.
All so-called "cement" linings will be found on investigation to be unreliable and to need constant repairs.

THE NON-ANTEM SULPHITE DIGESTER CO,

85 Times Building, NEW YORK.







FOR PAPER AND PULP MILL SCREENS

USED IN

DISCRIPTION OF THE PROPERTY OF THE PR

HARRINGTON & KING PERFORATING COMPANY No. 219 North Union Street York Office: No. 114 Liberty Street. et, CHICAGO, ILL., U. S, A

GEO. A. BAGLEY, Pres.

CHAS. D. BINGHAM, Treas.

THE BAGLEY & SEWALL CO.

WATERTOWN, NEW YORK, U. S. A.

BUILDERS OF

Pulp and Paper Making Machinery.



236 and 238 A Street,

BOSTON.

NEWCASTLE PULP STONES

A SPECIALTY.

for Mills, Factories, Machine and Repair Shops.

... Specially Selected Grit for Paper Knife Grinding

In designing new steam plants, or remodeling old, the installing of a



should be one of the first considerations. Saves its cost many times over. Fuel bill alone reduced 10 to 20 % outside of the saving in boiler repairs; increased capacity of boilers; heating entire plant without additional cost,

through use of gases otherwise wasted. Our Booklet is interesting, even if you are not ready for installing

The Green Fuel Economizer Co.

MATTEAWAN, N Y.

Sole Manufacturers in the U.S.A.

FOURD

Dandy Rolls and Cylinder Moulds

We draw and manufacture our own wire by improved and up to date machin methods, insuring an even temper to the wire and longer life to the cloth.

Brass and Copper Wire and Wire Cloth. Wire Rope of all

descriptions.

WRIGHT WIRE CO., WRIGHT & COLTON WIRE CLOTH CO., PALMER, MASS.

WESTERN BRANCH: 219 E. Klaxie St., Chicago.

EASTWOOD WIRE MFG. CO., Belleville, N. J.

Manufacturers of Fourdrinier Wires WITH PATENT

IMPROVED PATENT DANDY.



Brass, Copper and Iron Wire Cloth of Every Description.



The Wm. Cabble **Excelsior Wire** Mfg. Co.

Cylinder Wires,

Brass, Copper and Iro Dandy Rolls, Cylinder Moulds, Best Quality of Wire Rog

vitader Wires,
am, Copper and Iron Wire
Cloth of every description,
WRITE FOR PRICE LIST.

43 FULTON STREET, . . . NEW YORK.

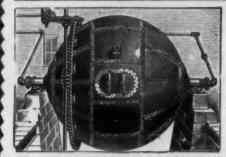
HUNT-McCORMICK TURBINES.

PAIR OF MUNT TURBINES AND REGULATOR AT BUFFALO.

The Great Northern Paper Co., after running night and day for more than a year, have recently placed an order with us for the eighth pair of our Hunt turbines, which will make about twenty-six thousand horse power in a their Millinocket plant from our z



RODNEY HUNT MACHINE CO., ORANGE, MASS. MO. 70 Kilby Street.



BOILER WORKS CO.

Akron, Ohio, U. S. A.

The Biggs Rotary Globe and Cylinder Bleaching Boilers.

REPAIRS OF ALL KINDS PROMPTLY EXECUTED.

Write for Prices and Reference

C. K. WILLIAMS & CO., Easton, Pa.



Proprietors of the Penna. Dry Paint and Color Works and the Helios Dry Color, Chemical and Copperas Works, of Allen-

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

ESPECIALLY ADAPTED FOR PAPER MANUFACTURERS' USE.

WIRE (

BRASS, COPPER AND IRON WIRE CLOTH OF EVERY DESCRIPTION.

Paper Makers' Supplies, Fourdrinier Wires, Dendy Rolls, Cylinder Moulds, Etc.

WIRE ROPE, WIRE SASH CORDS, WIRE PICTURE CORD, BRASS and COPPER WIRE, WIRE WINDOW SCREENS and GUARDS, WIRE FENCING.

NEW YORK OFFICE: 17 Warren Street. PHILADELPHIA OFFICE: 703 Market Street.

Cable Address: "TRASMALLO," New York.

FOR PAPER MANUFACTURERS' USE.

Jarecki Chemical Company.

ISAAC WINKLER & BRO., Cincinnati, Ohio.

Bag and Tag Machines

Square Paper Bag Machines, Paper Bag Machine Dryers, Duplex Paper Cartridge Machines,

Denney Tag Machines and Slitters.

REMINGTON MACHINE CO.,

WILMINGTON, DEL.

BRISTOL'S RECORDING INSTRUMENTS



Vacuum Gau Pressure Gau Volt Acters, Ampera Mate Watt Acters.

Send for Circular and Fac-Simile Chart.

THE BRISTOL CO., WATERBURY, CONN.

POROUS ALUM

FOR PAPER MAKERS' USE.

The Strongest and Purest Alum made and the only Alum made from Kryolith Alumina. Also makers of all grades of Sulphate of Alumina.

> PENNSYLVANIA SALT MFG. CO., Philadelphia.



GRAVITY & PRESSURE AND

NEW YORK, CONTINENTAL, JEWELL, HYATT, WARREN, AMERICAN, NATIONAL AND BLESSING PATENTS, ADOPTED BY THE

American & Canadian Paper & Pulp

NEW YORK CONTINENTAL JEWELL FILTRATION CO., GENERAL CONTRACTORS.