

"The Consumption of Paper is the Measure of a People's Culture."

VOLUME VI.---NO. 38.

NEW YORK, SEPTEMBER 22, 1877.

Trade Topics.

Alfa, The Algerian Esparto Grass.

The Papier Zeitung contains an interesting letter from Algiers on the subject of alfa. The correspondent states that it is unjust that alfa has not brought the same price as esparto. The plant Stipa tenacissima is common to both Algeria and Spain; the Arabs calling it alfa, the Spaniards esparto. The English, in order to keep a monopoly of the alfa trade in their hands, have industriously sought to lower the article in public estimation, and only on this account can the superior favor which esparto en-joys in Germany be satisfactorily explained. The esparto trade is almost entirely in the hands of the English; even German paper-makers drawing their supplies from them. There is one great advantage possessed by alfa—its practical inexhaustibility. The Alfa See, as the region where it mostly grows is called, is 400 kilometres long. with a minimum breadth of 100 kilometres, or a surface of some 10,000,000 English acres. No other vegetation exists in this immense region, neither tree or plant. The Alfa requires no culture, but will much improve by it. The first crop is always inferior to succeeding ones. Morocco, Tunis and Tripoli can furnish immense quantities.

With such a supply there can be no fluctuations in price, for there are no bad harvests to fear. Good dried and sorted alfa can be had at the place of production for £2 per ton; the average distance from port is 170 kilometres. The prices ruling in England are about £7 per ton. As these prices are owing to the costs of transport of the raw material it is suggested that factories for the preparation of alfa should be established in Algeria, but against this there are the natural disvantages of having to import other man workmen. There is little doubt, however, that the Germans will try and establish a direct trade in the article.

Ramie.

M. A. Leger has recently made an exhaustive report on the cultivation of the ramie in France. Agricultural prospects throughout the southern parts of France are rather gloomy; the culture of madder is being abandoned everywhere owing to the low prices which the competition of alizarine nec ssitates. The phylloxera has ruined the vine in four departments. Wheat will not pay so near Marseilles, which receives the sup-plies of Egypt, Turkey and Russia. Other agricultural products, owing to circumstances of climate and soil, have little chance of being remunerating. The climate of the region is particularly suitable to the ramie: the leaves form good feeding for cattle while the uses of the fibre are extremely various.

The Chinese make such durable clothing from it that they are almost everlasting, and can be dyed several times. At the same time the silken character of the fibre gives rise to the illusion that the Chinese use silk for the sails of their ships and the blouses of the poorer classes. With a mixture of silk some striking effects are

Emery Board.

Emery paper is greatly employed for cleaning and polishing metals, but all the kinds in use hitherto have the great disadvantage of not re-taining an equal efficiency. The fresh parts bite too much and the paper itself soon gets worn through in places. Emery on linen has been tried, but without much success. The Emery paper recommended herewith is not a hard with emery on both sides, but a board in which emery enters as a constituent part. Fine and uniform cardboard pulp must be procured and from one-third to one-half its weight of emery powder thoroughly mixed with it, so that the emery may be equally distributed. The mass is then poured out into cakes of 1 to 10 in, in thickness. They must not be pressed hard, however, but allowed to retain a medium plia-This paper will adapt itself to the form bility. of the articles and will serve until completely worn out.-Papier Zeitung.

the place of the titulary jurors when absent. All nominations must be made before January 1. 1878. The distribution of awards is fixed for September 10, 1878. For works of art the rewards are seventeen medals of honor and art prizes, thirty-two first medals; forty-four econd, forty-eight third class medals.

For agricultural and industrial products the following rewards have been allotted: One hundred grands prix, also rewards in silver. One thousand gold medals.

Four thousand silver medals.

Eight thousand bronze medals

Eight thousand honorable mentions.

All the medals will have the same design. An administrative report will be published by the Commissioner General, while that of the Inter national Jury will be prepared under the superintendance of the Superior Commission. The Ministry of Agriculture and Commerce will have charge of the execution of the decrees.

French Trade Statistics.

The French Customs furnish the following figures as to the imports and exports of paper

BULLETING Y, OFT.		
Imports.	1876. Francs.	1877. Francs.
Cards		
Engravings	466,000	749,000
Lithographs	474,000	596,000
Books and printed matter	1,748,000	1,929,000
Printing papers	1,116,000	1,757,000
Colored papers	391,000	848,000
Photographs	105,000	106,000
Exports.		
Cards	1,090,000	912,000
Engravings	2,652,000	2,528,000
Lithographs	525,000	505,000
Books and printed matter	5,998,000	8,060,000
Pritt and map broused with a second	6,007,030	6,000,000
Colored papers	4,509,000	5,544,000
Photographs	288,000	284,000
The increased imports are at	ttributed t	o foreign
bouses having thrown their w	ares on the	e market

ign at any price.

Fire-Proof Writing Paper.

Two Spanish gentlemen, of Salamanca, have just obtained a patent in Spain for making writ-ing paper incombustible. A number of experints have been made with the process, and the results are said to have been very satisfactory. The paper will not burn, no matter what may be the intensity of the heat applied. A single sheet submitted to the direct action of a flame will car-bonize, but does not take fire. If a roll of prepared paper is placed in the hottest fire the outside leaves will carbonize and the edges for a short depth, but the interior remains unaltered, the writing or printing being perfectly legible.

By its cheapness the process is possible for all public documents, archives, etc., which it might be desirable to preserve. Papers already written or printed upon may undergo the process with out injury.

The patentees expect to make an arrangement with the government to apply the process in the manufacture of the paper used by it for public business, which can be done at a very trifling expense.

Patent-Office Decisions.

Examiners are admonished to be careful in naking a thorough examination of all questions affecting an application, before final rejection. The domestic application for an invention already patented abroad need not be restricted to

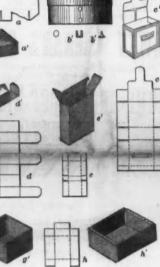
paper on a mandrel in the manner described, and then cutting it into lengths. Lids are made in the same way. Colored boxes are made by an outer ply of colored paper. These boxes are also made by machinery. In one mode of cover-ing, the strip which is to cover the cylindrical portion has gored margins, which lap over upon the bottom of the box or the top of the lid, and match together.

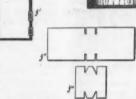
2. Boxes are also made from a roll of paper, which is bent over into shape, cut off, the bottom folded in against a former, the contacting portions being pasted in transitu.

3. Boxes of paper, cut from the roll, shaped and secured by rivets or staples.

4. Boxes made from blanks of the required size and shape, the machine taking them from the pile, shaping and fastening the parts to-gether as will be described when we come to speak of the machine

The annexed cuts represent various boxes and parts belonging to them. a a are respectively a blank and a box made therefrom, the scale of b





PAPER BOX BLANKS AND FORMS

the latter being enlarged somewhat. With the exception of two slight gores on the edges of the lid-flap, no portion is wasted. Some portions of the box are double, and others treble. The parts are secured by paste or rivets. d box a ings which hold the lapped portions: c c are the plan of the pattern, and the folded box with a tuck and keeper: d d illustrate another mode of shaping and folding; e e still another, with a lapping lid; g g a paper-box with dovetailing angles; h h the plan of a blank, and the box made from a similar larger blank: i, a box made from a circular blank, cut on the principle of i. but of a larger size; jj. j. j., Heyl's box, who overlapping pasteboard flaps are secured by rivets. Seamless paper-boxes lamp shades, hats, and other hollow articles of paper are made upon formers, which are dipped into the pulp. The latter collects on the reticulated surface by means of a partial exhaustion of the air from the interior of the former, the air being withdrawn through an elastic pipe communicating with a bellows or cylinder. The water being drawn through the perforations, a film of pulp adheres to the surface of the former, which is then raised from the vat, and the coating of paper-pulp being removed and dried, forms a seamless article, which requires no further manipulation for most ordinary purposes, but for ornamental uses may be covered wholly or in part with a second coating of colored pulp, and emboased or otherwise ornamented by stamps, swaging, or perforation. [To be Continued.]

Correspondence.

British Notes.

[FROM OUR REGULAR CORRESPONDENT.] 15A PATERNOSTER Row, London, E. C., } Sept. 3, 1877. }

I fear I cannot report any progress in trade nere. Great depression prevails among all classes. A great many makers are talking of closing, which is a much more sensible thing to do than working at a loss. It is a more sensible plan too, than working on half-time or dayshift. In the present condition of business it is very difficult to advise any course to suit the paper trade-a trade of so many different interests and characters. A course which would be advantageous for one class of makers to follow would be the ruin of other members of that clask. So any co-operation seems impossible There is no doubt that we are suffering from over production, but who is to stop work? Makers with large and extensive mills cannot afford to notice the remonstrances of small men if trade keeps at all moving. Unless all the large men join, any action would be useless, and I fear there is not that unanimity which is so ential for co-operative movement among our makers. Our trade is one of contention and flerce competition. Everyone does his best for orders and does not particularly consider his neighbor. There is no ruling market price for paper here, and it is therefore quite impossible to pronounce who is over-producing, seeing that each maker conducts his own business in his own market. To give you an account of how trade is I will quote the report of a very good firm on

"The paper trade continues in a state of stagnation, nor does there appear any symp-toms of a revival." The midsummer stocktakings do not account for this state of things. Wholesale houses only make what things. is necessary to supply their customers, a hand-to-hand kind of custom which is tantalising to the makers. Several mills are actually "shutting down," as it is called, while we regret to add that some others are "shutting up" by liquidation, or by disposal. An authority in the trade says that never, perhaps, during the last two years has it been so depres sed. com petition so severe, prices so low, or the markets o disorganized as at the present moment. This is I take it quite bad enough for anything. Our home markets, which are always an index to the state of trade, are very dull and flat. There are very few orders coming in for raw material Fibres are very dull and depressed, with but little business doing. Chemicals are very quiet and nothing new goes on. I see that merchants anticipate better things for September. I trust their hopes may be fully realized. Mill news is scarce again. One of my northern correspondents sends me the following items from Lancashire : "White Ash mill has commenced work again

Brookside is still standing.

"Fenniscowles has got through the little difficulty and is going ahead. An accident in its tramway has happened, but nothing serious has esulted.

"The Whithnell Paper Company has had to sell all its loose material, stock, horse and cart, &c., to pay rent. The secretary of the Company is in jail for defrauding, and is awaiting the Lancaster Assizes.

"The Rushton Paper Company is stopped,

lishment of the Daily Telegraph for driving the

WHOLE NUMBER 177.

printing machinery. I think that this is a very extraordinary "find," and only shows how impossible it is to know what is "going to turn up." Mr. H. Williams has sold his Rowley Paper

Mill to Mr. Frank Noble, who having altered its title and effected some improvements, will work it as the Aylesmore Mill in the production of machine and hand-made millboards. The mill is near Sydney, Gloucestershire. Evans & Owen have purchased the Ely PaperMills, near Cardiff. T. G. Fieldsend, pasteboard manufacturer, of Wade street, Bradford, has removed to the

Wellington Mills, Ecclesfield, near Leeds. J. W. Claxton, of Hampton, near London, has obtained letters patent for a new waterproof

Among new firms in our trade I notice that of Causick & Morris. E. B. Causick & J. A. Mor-ris have entered into partnership and commenced business under the above title as wholesale stationers at 99 Fleet street. The former gentle-man was for over 30 years with Spalding & Hodge, a very well known firm. Foster & Co. have taken the business formerly

carried on by W. V. Holden as a paper mer chant at Princes street, Manchester.

I see that some excellent paper has been made from the cactus in the Lick paper mill at San José, California. The plant grows in great abundance in the Mojave Desert and the supply is said to be unlimited and cheap. The San José people are endeavoring, if possible, to ob-tain control of all the paper mills on the coast and set them in operati on on this material exclusively.

Home Markets .- Coals-Are quiet and prices

as last week. In rags the following are the ruling quota-tions: New cuttings, 30a; superfine, 36a; ordi-nary, 35a, to 24a; outshots, 17a; country sec-onds, 14a; London seconds, 11a; thirds, 6a; white linen rags, 24s.; No. 2 do., 20s.; best cot-tons, 25s.; No. 1, do., 21s.; No. 2 du., 17s. 6d.; blue linens, 16s. 6d.; blue cottons, 16s. 6d.; mixed do., 16s.; colored, 11s.; black cottons, 5s.

In other fibres, country bagging, 6s. to 7a.; hemp sacking, 10s. to 12s.; clean gunny, 9s.; coil or hard rope, 12s.; white rope, 10s. 6d. to 12s.; bag rope, 8s. 6d.; clean canvas, 21s. to 22s.; seconds do., 14s. to 16s.; thirds do., 10s. to 12.

In woolen rags trade is rather inactive and little business has been doing. Old and new nungo sells slowly. Soft rags do not go off readily, except very superior lots. Shallies are easier. Flannels fetch bad prices. Carpets, hard and soft, find more buyers, but other sorts not much sought after. Recent prices: F. W. 27s.; F. W. S. colored knitted, 26s.; F. W., whites, 11s. 6d.

Esparto .- Spanish quiet. Oran dull and lower. Other sorts depressed, with but little business doing. Prices current are: Good Spanish, £10 5s.; best do., £10 10s. to £10 15s.; Algerian, £6 5s.; Susa, £8; Tripoli, £5; Gabes, £6; Mogador, £5 to £5 5s.

Wood Pulp .- Mechanical have a steady demand. Prices unaltered. Chemical pulps are dull, owing to fall in Esparto. Quotations are: Dry pine pulp, £11 per ton; moist, 50 per cent., £5; dry aspen, £12 to £13; wet do., 50 per cent., £5 15s.; bleached chemical pulp, £25 to £26; bleached straw pulp, £25 10s.; unbleached chemical wood pulp, £21.

Shavings and Waste Papers.-Market flat and against sellers. Prices; Fine cream shavings, 17s. to 19s.; mixed do., 16s. to 17s.; blues do., 14s. to 15s.; seconds do., 14 brown papers, 5s. to 0s.; mixed do., 3s. 6d. to 4s.; ledger waste, 14s. to 15s.; letter waste, 10s. to 12s.; black news, 5s.; railway tickets, 5s.; straw board cuttings, 2s.; rubbish, 2s.; jute, fine, 18s. per cwt.; medium, 16s.; comm n, 15s.; rejec tions, 14s. : cuttings, 12s.

The Paris Exposition.

The Journel Officiel gives full details of the composition of the jury, the prizes offered, &c. A sum of \$500,000 francs is set aside for distribution in money rewards. The International Jury will be composed of 650 members-350 foreigners and 300 Frenchmen-the foreign jurymen are distributed among the different countries in proortion to the importance of their exhibits. There will be also 325 supplementary jurors; 175 foreigners and 150 Frenchmen. The for-175 foreigners and 150 Frenchmen. eign members will be designated by the govern-ment of each country. The supplementary jurors are nominated in the same way and take

precisely the same subject-matter as the fore grant. It must, however, be divided if found to conflict with the rule respecting duplex applications.

The jurisdiction of the Board of Examiners-in-Chief is limited in ex parte cases to the adverse decisions of the Primary Examiners. If there appear reasons for refusing the patent other than those alleged by the Examiner, a statement should be made to that effect to the Commissioner.

Paper Boxes. [Continued.]

Knight's American Mechanical Dictionary (Hurd & Houghton, publishers), gives a very complete account of the manufacture of paper boxes by machinery, and thanks are due to the publishers of that work for the accompanying cuts of paper-boxes, machines, &c. There are several methods of making paper boxes:

1. In making pill boxes, paper from a coil is wrapped round a former, making a cylinder of a thickness depending upon that of the paper, and the number of plies. The inside surface of the paper is coated with paste, and thus the The boxes are completed by joint is made. pushing a disk of paper into the cylinder. The lid is but a shallow box a trifle larger. Such boxes are also made by coiling a wide sheet of

He winds up by saying: "trade very bad at present." I am pleased to hear that paper has been made at the Sittingbourne mills, the property of Messrs. Lloyd. In a short time all the paper for Lloyd's News and the Daily Chronicle vill be made at these mills, and the Bow Creek Mills are to let.

I hear that the other machine is running at the Daily Telegraph mills at Dartford Creek. The circulation of the Daily Telegraph is now a quarter of a million per week. There is a very widely spread notion that Mr. W. H. Smith, M. P., the new First Lord of the Admiralty, is the proprietor of the Daily Telegraph, or has a large hare in it. This is supposed to account for the change in the paper's politics. But I think I can confidently deny that any change has taken place in the fortunate trio who own this paper. The circulation of Lloyd's News is said to be 300,000 per week ! A new paper, intended to take the place of this Sunday journal, is talked of by some gentlemen connected with religious movements in London. I read a rather interesting episode in a letter of one of the special war correspondents of the Daily Telegraph. The writer shill that in a mud-hut belonging to a Bulgarian which is used as a steam flour mill. he found an engine and boiler made by Seymour

Other fibres such as diss at £3 to £3 10s; palm leaves, £4 to £5; adansonia fibre, £15.

Chemicals .- Cooper Bros. & Co. say: "Our market at Newcastle-on-Tyne has been very quiet during this week with a scarcity of fresh orders, but a better demand is anticipated in September." Prices are f. o. b. Tyne, less discount, as follows: Refined alkali, 50 to 52 per cent., 2d. less 71/2 per cent. discount; soda ash, for prompt delivery, 48 to 52 per cent., 1%d. has 416 per cent. discount.; do., for delivery to end 1877, 1%d., less 21/2 per cent. discount, and all over next year, 1878, 1%d., less 5 per cent.; soda crystals, gross, £3 12s. 6d. net. ; bicarbonate of soda, flu to 10s., less 21/2 per cent.; bleaching powder, 35 to 36 per cent., £5 2s. 6d., less 1 per ent : English antichlor, £12 5s. net : Jarrow caustic soda, 70 to 74 per cent., £17, less 4 per cent.

Liverpool market continues dull and prices unaltered. Caustic soda, white, 70 to 73 per cent., £14 5s. to £14 10s.; caustic soda, white, 60 Bros., which at one time were used in the establish to 62 per cent., £12 to £12 2s. 6d.; caustic soda,

JOURNAL. PAPER TRADE THE

cream, 60 to 62 per cent., \$11 15s. to £12 5s.; caustic soda bottoms, £8 15s. to £9; bleaching powder, 35 to 36 per cent., in hard wood casks, £5 5s.; do., in soft wood casks, £5; soda ash, 48 to 52 per cent., 13/d. per per cent., all f. o. b. W. F. C. in Mersey, less usual discount.

Cincinnati Notes.

[FROM OUR REGULAR CORRESPONDENT.]

CINCINNATI, Sept. 17, 1877

The news regarding the paper trade of this region is compressed into small space. There is nothing new regarding it. As I have before said inventors are resting, and the mills go on in the same way. It is, no doubt, true that there is a constantly increasing demand for paper. Chatfield & Woods, who are extensive manufac turers, report business moving along in the same rate in almost every department. They find a constantly increasing demand for manufactured They are largely engaged in the products. manufacture of paper bags, of all kinds, and four sacks. It is found that year after year the cheapness and convenience of these modern productions, the paper bags, bring them more and more into use. This firm holds important pat-ents on the machinery for the manufacture of paper sacks, and has been extensively engaged in litigation on account of the same. When the case was tried in the United States Court, the attorneys as well as the Court were puzzled with intricate accounts by witnesses of the wonderful mechanism of the complicated machine which takes in a roll of plain paper, and turns out neatly folded and pasted paper bags, all notched at the upper edges, ready to receive tea, coffee, sugar and the thousand etceteras of the grocer's orders. The litigation, I believe, is ended, and the manufacture goes bravely on. This firm reports a perceptible growth in the

demand for super-calendered paper, and a corresponding neglect of common book paper. The se they attribute to the cheapness of firstclass paper. People will enjoy cheap luxuries, even in books and pamphlets. There is something about paper that compels admiration for the best qualities. We all know how the heavy and handsome styles of letter paper impress us when a letter comes from some high dignitary ace, and how much better impres for instar have of the literary value of a work that comes to us printed on fine, heavy paper. Appearances are everything. A President in a hickory shirt would not be received with illuminations and banners. A clean face has given to many a boy seeking employment a good place. So it is with books, pamphlets, cards and the numberless products in whose composition paper enters. If ey are put off with a cheap article, the probability is that the public will take them at their So it is not strange that when cotton linen and rags have reached what seems to be the bottom price, there should be an increased demand for better paper. It costs less now than the common paper did ten years ago. Even the newspaper, that most evanescent of publications, comes to us with more of the elements of endurance and perpetuity than over. Time has been when the average newspaper would not wear through more than two readings; now it will last all day in a crowded train and still serve to wrap up your duster when you reach your destination

Exporting papers to Europe from the United States is a fact full of significance. Labor is cheaper over the water, but we are less controled by effete forms and traditions. We have more freedom, more enterprise, more go-ahead. Our inventive abilities grow out of the spirit of our institutions. Moreover, capital is easier here than there. Things are not so unbending and unalterable here as there. A man with small capital or with no capital, if he has brains, can go into business in this country, and he straight-way becomes an inventor, or at least a thinker. Hereditary trades are scarcely known among us Every man makes his own fortune. The practical results of this state of affairs cannot fail to be advantageous to this great, new country. W.

Philadelphia Notes.

[FROM OUR REGULAR CORRESPONDENT.] There seems to be a better feeling among the paper manufacturers generally in and around Philadelphia, owing to orders, which have been scarce, now seeming to be coming in, although in a small way only, yet they give hope of a fairly remunerative fall trade which is quite encouraging. Several mills have now orders on hand to three or four months, running full time, and the decline in the gold market has reduced the cost of all grades of foreign chemicals and stock, hence they can look forward to a bet-ter margin of profit. The dealers report trade quite good, and buying brisk, although prices are weak. Among the visitors to this city during the past week were W. A. Mullin, Mount Holly, Pa.; E. M. Moers, Cincinnati, O.; A. C. Moore, Bellows Falls, Vt.; J. F. Sheeder, Kimberton, Pa.; W. Wilkinson, Wilkinson Bros. & Co., New York; James N. Moher, Reading, Pa.; A. A. Andrews, Springfield, Mass. ; J. H. Wright, Kennet Square, Pa.; B. Baily, Ercildown, Pa.; C. O. Brown, Dalton, Mass.; Benjamin F. Per-kins, Bristol, N. H.; E. F. James, Wilmington, Del.; J. C. Rommell, Pittston, Pa.; J. L. Reigel, Reigelsville, N. J.

active sale, some 300 tons working off at prices for extra quality \$20 to \$21 gold per ton; good ordinary at \$16 to \$17 gold per ton. Caustic soda remains firm with a trifle better feeling; 100 drums De Soto 73 per cent. sold at 4%c. gold per lb. for 60 per cent. Yellow prussiate of potash scarce and firm at 23%c. net. Aluminous cake has been in rather slow sale, but in general run of alum a large business has been done, the sales being chiefly confined to ammonia, natrona and Red Star concentrated, which seem to be the desirable grades.

Rosins-Have been in active demand and quotations of previous week fully maintained. except in lowest grade, while finer grades have shown a decided firmer feeling and triffing advance. Common strained at \$1.80; strained at \$1.95. No 2 \$2.25 to \$2.50. No. 1. \$2.50 to \$3 pale, \$3 to \$4.25; extra pale, \$4.50 to \$5. H. C.

Manufacturing News.

EASTERN STATES.

Wakefield & Co., at Morrisville, Vt., about to start a 3-ton wood pulp mill under the Fletcher process.

The mill at Chatham Village, N.Y., formerly run by the Columbia Paper Co., will be run by George B. Hoyt on satchel bottom bags. It will start up on October 1. The Parsons Paper Co., has transferred the

order for postal-card paper to the Franklin Paper Co., Holyoke, Mass. The latter company is running full on the order at present. Crane Bros., Westfield, Mass., are building an

extension to their engine-house, with a view of putting in another large engine. The mill has been shut down, but will start up next week. S. D. Tompkins is putting in a new stuff chest

at the Queechy Mill, Canaan Four Corners, N. Y., and is otherwise fitting up the mill. He will start as soon as the water supply permits.

The Whiting Paper Co. is putting in a new Rice, Barton & Fales' 62-inch Fourdrinier ma-chine at its No. 2 mill. This makes the fifth machine now running by this company. This addition will not materially increase the production of the mill, but will relieve the other ma chines from over-pressure.

MIDDLE STATES.

The Gavit Paper Machine Works, Philadelphia, Pa., is making a 72-inch Fourdrinier for F. G. Weeks & Co., of Skaneateles, N. Y.

The Gavit Paper Machine Works, Philadelphia, Pa., is making an 80-inch Fourdrinier machine for J. H. Appleton, Holyoke, Mass.

F. G. Weeks & Co., Skaneateles, N. Y., are building a new mill in the place of the old one burned in February last, and will have it ready in two or three months.

N. Lefever is going to start a new mill at Napanock, N. Y. It will be run on straw wrapping, and will contain a 48-inch cylinder ma chine and two engines.

Conley's machinery agency reports the follow-ing sales for this week: One stack 8 chilled calnder rolls, 76 inches long on face, to the Canada Paper Co.; one No. 3 Bagley & Sewall pump to Ford & Dalziel, Quebec; one set of 10 drying cylinders to Culver, Brother & Co., Syracuse, Y., and one new 600-lb. rag-engine to the Atlantic Paper Co., Savannah, Ga.

WESTERN STATES

The Peninsular Paper Co., at Ypsilanti, Mich., is building a new stock house. The mills at Ypsilanti, Mich., are reported to

be running full time, with plenty of orders. The Hills Paper Company, Delaware, O., is resetting three flue boilers with the Jarvis patent setting.

A new paper mill is now being erected at Stockton, Cal. It will be owned and run by the California Paper Co., a new organization, which has for its officers Egbert Judson, President: Albert Dibblee, Vice-President, and B. F. Field, Manager. The directors are Egbert Judon, Albert Dibblee, R. H. Lane, Henry Pierce, William C. Talbot and B. F. Field. The company is said to have a solid backing, as several of its shareholders are connected with the Bank of California. The capital stock of the company is \$300,000. The principal office will be at San Francisco. The mill buildings at Stockton will cover an area of ground 160×150 feet, exclusive of the boiler and engine houses. They will be three stories high, except the machine-room, which is to be 120×150 feet, one story high. This

by a table, a plate, supported by and above it,

and laterally-adjustable guides. No. 194,642. Machines for Winding Paper, &c., into Rolls.-S. H. Bingham, Philadelphia, Pa., assignor to the Bullock Printing Press Company, same

The receiving-roll is supported in a laterally adjustable frame, from which a stud projects into a cam groove in a horizontally-pivoted lever nected by a rod to a lever at the opposite end of the machine

DISCLAIMERS FILED.

No. 4,418 (reissue). Improvement in Reducing Wood to Paper Pulp — Henry Voelter, Heidenheim, Wurtemberg, assignor to Alberto Pagenstecher, New York, N. Y. Patented August 10, 1858; an tedated August 29, 1956. Reissued April 6, 1869; extended seven years, Reissued June 6, 1871. Disclaimer filed August 34, 1877, by Henry Voelter, Alberto Pagenstecher and William A. Rus

Disclaim that part of the claim which is in the following words, to wit:

3. In combination, a grinding surface and cells or boxes for blocks of wood, so constructed and arranged with reference to the surface that the fibers of blocks of wood placed therein lie in the plane, substantially, of the grinding-surface, and across the line of motion of points in the grinding-surface, as described.

Granted September 4. No. 194,824. Rag-Engines. - E. D. G. Jones, Pittsfield.

1. Bars, supporting the ends of a spindle, and pivoted in pillars, in combination with vertically adjustable nuts in pillars, and two connected ad-justing screws, so that both bars are adjusted simultancerely ously

simultaneously. 2. In a rag-engine, two screw-rods, gear-wheels and shaft combined with bars. 3. In combination with the spindle of a cylin-der and a rear adjustable bar, a bearing box, endwise adjustable.

Wholesale Dealer, Packer and Importer of all kinds of

395 PEARL STREET,

IMPORTERS OF

Carbonated and Caustic Soda Ash.

Bleaching Powder, Sal Soda,

Bicarbonate of Soda.

104 JOHN STREET, N. Y.

\$55 to \$77 * week to Agents \$10 Outfit FREE. P. O. VICKERY, Augusta, Maine

Geo. P. Rowell & Co.

CONDUCT AN AGENCY

FOR THE RECEPTION OF ADVERTISEMENTS FOR

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JAMES T. KEENAN.

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AMERICAN

The Most

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NEWSPAPERS

Complete Establishment of the Kind in the World.

upon better terms than others? WATERPROOF Second-Will not insurance of thi LEATHER BELTING character receive better attention and nore just and careful consideration Expressly adapted to Paper Mills. on the part of insurance officers whe: Oak Tanned Leather Belting, Hydraulic Packing Leather, Fulled Raw-Hide Lace Leather. brought to their notice by parties doing MANUFACTURED BY a large business than if sent throug ANTON HEIM, 33 Ferry Street, New York. some small agent who cannot person-ESTABLISHED 1840. ally represent the facts to his compa-OWEN KEENAN'S SON

nies?

Third-Are your policies correctly worded, so that you are positively Rags and Paper Stock insured?

STANTON

152 Broadway,

NEW YORK, June 1, 1877.

Having given the subject of Paper

Mill Insurance special attention, w

would ask paper-makers to consider

First-Should not well and care-

fully managed paper mills be insured

GENTLEMEN:

these few questions :

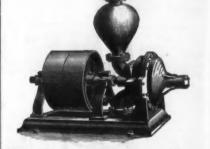
Fourth-Are you sure all the companies in which you hold policies ar sound and solvent?

These questions and many others of like character are such as are being asked us constantly by paper-maker. Worthless insurance is worse that none. Badly worded policies lead i litigation. Business centers of course have the largest number of insurance companies, hence, better facilities for placing large lines of insurance.

We now have property valued at some forty millions of dollars (40,000,000 including some of the largest and best known paper mills in the United States and have yet to learn of any paper maker who has become dissatisfied with our way of doing business.

Should be pleased to send you a Paper Mill Survey, and to hear from you regarding any insurance which you may desire for your mill prop-

Bagley & Sewall's Rotary Force Pump



Most Perfect Rotary Pump Ever Offered to the Public. SPECIALLY ADAPTED FOR WORK IN PAPER MILLS.

The following are among the leading advantages of this pump: Its few Parts, Simplicity of Construc-tion and small space occupied. Its small cost com-pared with other pumps. The comparatively small Power required (using from 30 to 75 per cent, hese power than any Rotary Fump now in use.) Its Action is Positive, given an Even and Continuous Stream, being perfectly balanced in the water. Its Self-Packing Match Joints, requiring no Packing or Stuffing Boxes. Its Ready Accessibility of Parts, without breaking joints on pipes in taking apart. All Parts are made to an Exact Gauge, correspond-ing parts being interchangeable. The Speed can be adapted to Quantity of Water desired, the amount of water delivered being in proportion to speed and water applied.

TESTIMONIALS.

OFFICE OF THE WATERTOWN PAPER CO., } WATERTOWN, MARCH 22, 1875.] Its action is positive, discharging all the water aken in, and consequently no power is wasted. In Nort, WE GIVE IT OUR UNQUALIFIED INDOMSEMENT. Yours, &c., HIRAM REMINGTON, President,

West CUMMINGTON, Mass., October 4, 1876. It does its work well, and I recommend it as the simplest and cheapest, as well as the best suction pump I ever saw. F. A. BATES.

OFFICE OF THE REMINGTON FAPER Co., WATERTOWN, March 20, 1875. We have used two 2-inch Fumps for the past iem months, as Suction or Vacuum Fumps, on our two 84-inch Fourdrinker Machines with entire satisfaction. For this purpose, or for raising and forcing water for general purposes, we regard the Green Fump as vastly superior to anything we have ever seen, and we have made the subject of Pumps one of especial study and investigation. A. D. REMINGTON, President.

OFFICE OF THE CANADA PAPER CO., DEAR SIR-The Bagley & Sewall Pump we are new using for pumping strong Caustic Aikall Liquors. We find it the best pump for that purpose that we have ever used, the metal packing being particularly valu-able. The No. 3 Pump of your make, which we are using as a Fire Pump, we find to be very effective and easily managed. Yours truly. CANADA PAPER CO. Yours truly, CANADA PAPER CO., WM. ANGUS, President.

PATERSON, N. J., October 11, 1875. SEE-The little Rotary Fire Fump (No. 3) is entirely satisfactory. I have it connected with a system of sprinklers on each floor, and a set of hose front and rear, 1/4 inch nozzles, from which I am able to throw rwo streams at once, each 125 feet. J. SWINBURNE.

WATERTOWN, March 28, 1875. In an experience of fifteen years we find this to be decidely superior to any Pump we have found, and we have tried a large number, both Rotary and Pis-ton. In FACT IT IS THE ONLY ONE WHICH HAS ENTIMELY PLEASED US. Yours truly. rs truly, KNOWLTON BROS.

BLANCHARI

BALTIMORE, October 12, 1876. DEAR SIR-It works smoothly and rapidly without jar, and does all its makers claim it will do. We now of no pump that is its equal for the purpose it ed for. JOHN. A. DUSHANE & CO. Manufacturers.

WINCHESTEE PAPER COMPANY WINCHESTEE, Va., September 14, 1875, We have it in use on our Straw Board Machine (@-inch Fourdrinier) as a Vacuum Pump, connected to an 18-inch box, which is a severe test. We consider it the best pump for that use that we have ever seen used. Yours truly, CHAS, L. CRUM, Sec'y.

These Pumps are now in use as Force and Vacuum Pumps in many of the Leading Paper Mills. Liberal Terms made to First-class Parties. SEND FOR PRICE LIST OF THE CHEAPEST PUMP IN THE MARKET. EDWARD CONLEY, Sole Agent for Paper Mills, No. 74 DUANE ST., N. Y. where the Pump can be seen by parties wishing examine it.

Chemical Broker.

erty, and you can rest assured that it

Chemicals .- The market has been active in a moderate way only, purchases being mostly small, with but few parcels sold in the past week of goods to arrive. This is shown in a slight decline of firmness of prices. Bleaching pow-der in light demand at prices ranging from $1\frac{1}{3}c$. gold per lb. to 1%c. currency. Caustic soda ash has remained at about similar prices to preceding week, while carbonated has declined on large parcels, price varying from \$1.80 to \$1.95 gold per lb. for 48 per cent. Sal soda in light stock and firm at 1½c. currency per lb.; 100 tons N. C. sold to arrive at 1%c. gold per lb. for prompt payment. China clay has been in

aed for four paper ma mill will contain twelve rag-engines of an average capacity of 500 lbs. each; four steam boilers two rotary boilers; one 150 horse-power steam engine, and three 20 horse-power engines, and its output will be six and a half tons daily. Different kinds of paper will be made, the stock to be used being straw, rags, rope, old papers

and tule. The works have a frontage feet on a branch of the San Joaquin River, where steamers and other vessels can land, the navigation being unimpeded between that point and San Francisco. The company also owns a coal mine, which it is expected will supply the necessary fuel. The water supply is taken from three artesian wells, which have been bored upon the premises and which bring the water to within ten feet of the surface.

FOREIGN

A new company to be called the Peel Paper Co has been formed for taking over the land, build-ing and effects of the Brookside Paper Co. (Limited), at Brookside, Lancaster, England. The capital is £50,000.

-New Patents.

Granted August 28.

No. 194,591. Wood Grinders for Paper-Pulp. – A. Fickett, Rochester, N. Y., assignor of one-half his right to 8. Dobbs, same place. The wood is applied and held to the action of

a grinding-surface in wedge-shaped boxes formed



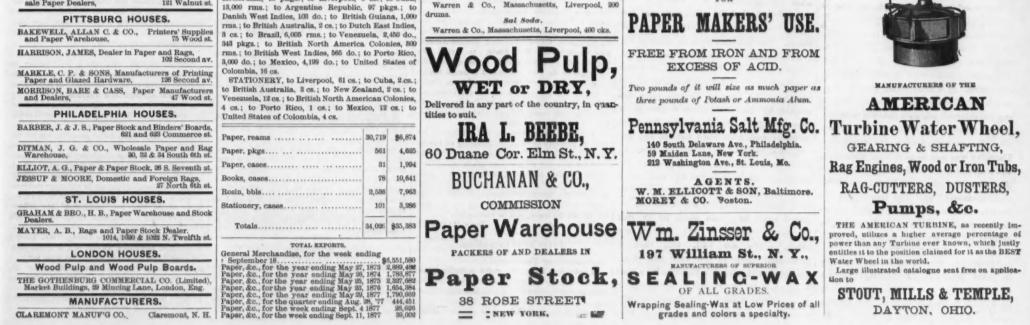
THE PAPER TRADE JOURNAL.

299 DIRECTORY. IMPORTATIONS OF PAPER STOCK. NEW YORK IMPORTS. JOHN H. EASTWOOD. WM. BUCHANAN. CHAS. SMITH. PAPER, BOOKS, CHEMICALS, &c. FROM SEPTEMBER 13 TO SEPTEMBER 20, INCLUSIVE, Cards under this heading will be charged for at rate of \$10 per annum for each card. Rags, &c. Standard Wire Works. Briggs & Taylor, Germanic, Liverpool, 23 bs. IMPORTS of Paper and Paper Materials, Books, NEW YORK HOUSES. nanilla stock. John W. Mason & Co., Plymouth Rock, London, do., at the Port of New York, for the week 134 bs. rags; 82 bs. roge junk. Campbell, Hall & Co., by same, 33 bs. rags. George Watson, Jr., by same, 50 bs. rags; 181 ended Sent. 14, 1877. Quantity given in pack-Paper and Paper-Makers' Supplies. BELLEVILLE, N. J. ages when not otherwise specified. ANDERSON, J. F., JR., & Co., 34 Beekman st. paper stock. W. O. Davey & Sons, by same, 63 bs. paper waste. E. Storey Smith, by same, 38 bs. manilla stock: BARRETT, THOMAS, 113 Fulton st. Eastwood, Buchanan & Smith. Aniline Colors 57 \$8,751 60 Duane st., cor. Elm. BEEBE, IRA L. 200 1,000 BENEDICT & HIGHET, 118 William st., N. Y. 111 bs. paper stock. MANUFACTURERS OF Aluminous Cake COBB. A. H., 16 Reade st Lee & Sturges, by same, 60 bs. rags; 90 bs. manilla Bleaching Powders..... 709 8,680 GOODWIN, JAS., & CO., 44 Duane st. BRASS. H. Wolff, W. A. Sholten, Rotterdam, 8 bs. rags. COPPER AND IRON WIRE HAND & ELLSWORTH, 51 Beekman and 81 Ann sta Soda Ash 8,035 72,728 Lee & Sturges, Nederland, Antwerp, 459 bs. rags; 191 bs. manilla stock. 25 Beekman st. HARD, MELVIN & SON, Soda Ricarb 200 494 Lewy Bros., by same, 55 bs. rags. HEWITT, C. B., & BRO., 48 Beekman st. Of Every Description. Soda Caustic 511 10.015 E. & C. Stokes, City of Chester, Liverpool, 819 ba HULBERT, H. C., & CO., 13 Beekman st. 4,809 Soda Sal 1.594 aper stock. 16 Reekman st MYERS, B. & O., FOURDRINIER WIRES. Briggs & Taylor, Alhambra, Liverpool, 100 ba Ultramarine 8,749 97 MURPHY. JOHN J ... 47 John and 5 Dutch sts. manilla stock. A. Clements, Nederland, Antwerp, 1 cs. DANDY ROLLS AND CYLINDERS Made, Covered and Repaired PERKINS & GOODWIN. 84 Duane st. Books 304 29,516 63 Beekman st. WATSON, GEORGE, JR., Newspapers..... 89 4,088 S. Thanhausen, Hermann, Bremen, 6 cs. L. de Jonge & Co., City of Chester, Liverpool, 7 cs. J. C. Bloomfield & Co., Adriatic, Liverpool, 3 cs. BRASS AND COPPER WIRE, WIRE WINDOW SCREENS AND GUARDS. Rags and Paper Stock. Engravings. 25 4,683 ATTERBURY BROS. 258 & 255 Front st. Ink..... 11 878 CHAMPION (DOUBLE HITCH) H. Bainbridge & Co., Spain, Liverpool, 3 cs. A.H.GERE & Co. Lanman & Kemp, Frisia, Hamburg, 5 cs. L. de Jonge & Co., by same, 2 cs. BRIGGS & TAYLOR. 60 Duane st. Lead Pencils 454 5 BUTTERWORTH & SMALLEY, 73 Walnut Street, Cincinnati, 32 Beekman st. Paper 182 10,990 BELT HOOK A. & C. Kaufmann, by same, 1 cs. 5 Beekman st. (Room 19). GROSS, FR. A. A. D. Jalliard & Co., Sythia, Liverpool, 15 cs. Steel Pens 7,285 Dealers in Paper-Mill Supplies 7 GILDEA, PATRICK, 171 and 173 Christopher st. T. Clark, California, Glasgow, 2 cs. Moller & Co., Canada, Havre, 4 cs. LEADING MANUFACTURERS and others who ave losted it emphatically pronounce it, in all re pectr, the BEST BELT FASTENING in use. 102 Stationery 2.353 LYON, J. W., & CO., 85 Park st. We keep constantly on hand a full stock of all Dye Stuff and Chemicals used by Paper Manufacturers, all of which we guarantee to be strictly pure and at MORRIS S. HERRMAN, Woolen Rags. 157 Duane st., N. Y. Chas. Lichtenberg, by same, 4 ca. Clay 6,327 Avery, Pennebut & Co., by same, 2 cs. L. Marcotte, by same, I cs. hangings. E. Fougera & Co., Wm. B. Herrick, 19 cs. filtering Inte Butta 2,570 94,764 MAHARIN. M. A. 35 Spring street, bet. Mott & Mulberry sts., N. Y. low prices. Jute Rejects..... MASON, JOHN W., & CO., 48 Broadway. AMOS H. HALL'S Paper Hangings 4.597 2 W. H. Schiefflin & Co., by same, 14 cm filtering O'MEARA, M. 27 Centre st. Paper Stock 4,622 8,174 CEDAR VAT & TANK FACTORY B. F. Arnold & Co., by same, 12 cs. filtering paper. 30 Hester st. SMITH, THOMAS. 13 618 Waste..... 1143. 45 & 47 N. Front St., Philadelphia, Pa. TAYLOR, M. A. 50 Duane st. This cut conveys a currect idea of the manner of justing these Hocks. It will be observed that the instantial DOTBLE BEARING of each Hock pro-ades the possibility of its "tearing out," PHILADELPHIA IMPORTS. 448 & 450 West 39th st. WARD OWEN Total. --- \$209,855 Oils. Aniline Colors. For sale by the TRADE. Specimen Hooks a United Belt Ends mailed when requested. Address, CHAMPION BELT HOOK CO., 87 Liberty street, New York imen Hooks an W. H. Mitchell, per Indiana, 8 cs. 85 Fulton st., N. Y. BINNS & LEA. TOTAL IMPORTS. General Merchandise, for the week ending Sept. 14. Paper, Paper Stock, &c., for the year end-ing May 25, 1873. Paper, Paper Stock, &c., for the year end-ing May 25, 1873. Paper, Paper Stock, &c., for the year end-ing May 26, 1878. Paper, Paper Stock, &c., for the year end-ing May 26, 1878. Paper, Paper Stock, &c., for the year end-ing May 26, 1878. Paper, Paper Stock, &c., for the year end-ing May 26, 1879. Paper, Paper Stock, &c., for the year end-ing May 26, 1879. Paper, Paper Stock, &c., for the week end-ing Aug. 21, 1877. eral Merchandise, for the week ending Rosin. Ed. H. Rowley, Juniata, 499 bbls. 87 Liberty street, New York. [From The CLARK THEREAD CO., Newark, N. J.] "We have thoroughly tested your Belt Hooks, and we think it the best belt fastening we have arre-med." \$4,256,696 Paper-Makers' Chemicals and Colors. Order, by mame, 25 bbls. W. H. Mitchell, by same, 307, bbls. Loper, Bros. & Co., by same, 195 bbls. 15,074,895 GANTZ, JONES & CO., 176 Duane st. PENNSYLVANIA SALT MFG. CO., 140 S. Delaware av., Phila., Pa., 59 Maiden lane, N.Y. 12,150,855 13,292,891 China Clay. PIQUA WM. PICKHARDT & KUTTROFF, 98 Liberty st. W. H. Mitchell, Juniata, 12 cks. 11,298,408 RIKER, J. L. & D. S. 45 Cedar st. Phil. J. Justice, brig Millie Barn, 460 cs. 9.627.694 Soda Ash. own Bros. & Co., barque Moonlight, 359 cks Paper-Makers. FELTS. 2,582,595 ORRS & CO., Printing and Hanging Mills at Troy, Office, 39 Park Row, New York. Order, by same, 145 cks. W. H. Mitchell, by same, 134 cks. 267.647 E. Yurnall, by same, 65 cs. C. Smith & Co., by same, 55 cs. Jute Butt Brokers. 249,849 CABOT, BOWLES & CO. 85 Beaver st. Paper-Makers' W. H. Mitchell, by same, 64 cs. IMPORTS of Rags and Paper Stock at the Port of LACEY, POPE & CO., 198 Pearl st. Caustie Soda. New York, since Jan. 1, 1877, from the follow-W. H. Mitchell, Indiana, 50 drums. Manufacturer of all kinds of Vats and Straw Boards. FOURDRINIER FELTS. ing Ports, showing quantities from each Port. Order, by same, 100 drums. Tanks used by Paper Manufacturers. timates promptly furnished upon application BUTTERFIELD, H. A., 548 Pearl st., near Broadway. ed upon applicatio Bleaching Powder. W. H. Mitchell, Norman, 50 cs. Cooper S. & Co., barque Moonlight, 54 cks. Rags. Paper St'ck. Ma milla Stck Coarse and Fine HAYES, JAMES E. & CO., 75 Duane st. ARE YOUR MILLS Alexandria 3,116 Paper-Making Machinery. CYLINDER WET FELTS. 8,589 2,847 Antwerp.... 6,864 **Fully Insured** ALLEN IRON WORKS, Improved Filter, South Adams, Mass. Beyrout.... 475 BOSTON IMPORTS. 1.363 418 Bristol..... Press Felts & Jacketing. CURRIER, CYRUS, Newark, N. J. IMPORTATIONS of Paper Stock, Chemicals, &c., at Port of Boston, from September 14, 1877, to 361 90 811 144 Calcutta. 5 94 In SOUND Companies? DANIELS MACHINE CO., Rag Cutters, Woodstock, Vt. F. GRAY, O'FERRALL & CO., Catania September 20, 1877, inclusive. GAVIT PAPER MACHINE WORKS, 224 to 230 N. Broad st., Phila., Pa. Gibraltar..... A prominent paper-maker writes: HOLYOKE MACHINE CO., Heedra. E. W. Hooper, General Whitney, New York, 2 cs. Estes & Lauriat, Massachusetts, Liverpool, 5 cs. Andover Theological Seminary, by same, 1 cs. Schoenhof & Moeller, Parthis, Liverpool, 2 cs. Bo Holyoke, Mass. Piqua, Ohio. 10,912 1,652 "As stated before, we want to get out of the hands of our local agents, who omit no oppor-tunity to make us feel that we are paper manu-facturers, and that paper mills are burning up at the rate of one a minute." PUSEY, JONES & CO., Wilmington, Del. RICE, BARTON & FALES MACHINE AND IRON CO., Worcester, Mass 421 255 We warrant every Felt to work well, and Havre..... 1,110 2,499 if it does not, it can be returned. Little, Brown & Co., by same, 6 cs. E. P. Dutton & Co., by same, 1 cs. Estes & Lauriat, Massachusotts, 5 cs. SMITH. WINCHESTER & CO., South Windham, Ct. Havana 94 16 Hayti We can refer to sums of the leading Pape Mills, for whom we are SOLE AGENTS. Wire Cloth. Hong Kong SATISFACTION GUARANTEED. 4,158 2,200 Paper Stock. W. L. Parsons & Co., Massachusetts, Liverpool, CABBLE MANUFACTURING CO., 43 Fulton st., N. Y. Hull ... In ordering Felts, give kind of Stock used, ad quality of Paper made. Konigsberg. THE SELLERS MFG. CO., 707 Market st., Phila., Pa. 18 9,818 Leghorn..... 7 bs. paper stock. 5. W. Wilder, by same, 42 ba. rope. We can Save you Money 5,625 8,787 Liverpool..... 4,509 Felts and Felting. [From The Paper Trade Journal of March 4, 1976.] [From The Paper Trade Journal of March 4, 1976.] Minnearows, O., Fobruary El, 1976.] Minnearows, O., Fobruary El, 1976.] To the Editor of The Journal: Much has been said in former numbers of Tay Journal, about the running and durability of cylinder long felts. GRAT, O'FERMALL & Co. are supplying the best cylinder long felt I have sver had any ex-perience with for wide machines. I think they do-cidedly excel. They keep their width under a presen-able strain, and when kept clean never trouble with wind marks, never get slack in the middle or edges; in fact, they make paper, with ordinary care, until they are entirely worn out, and it would be well for any one who is troubled with an unsatisfactory work-ing felt of any other make, to try one, and by all means to do so if there is a necessity for fast running. J. W. B. 7.88 20,048 8.972 Morey & Co., by same, 81 bs. paper stock; 36 bs. BULKLEY, DUNTON & CO., 74 John st., N. Y. Malta..... 1,094 rags. Warren & Co., by same, 107 ba. paper stock. GRAY, F., O'FERRAL & CO., 166 Piqua, O. Messina. Blank surveys sent by mail upon application Naples..... 200 WATERBURY, H., & CO., Renssellaerville, N. Y. C. Canterbury, by same, 35 hs. paper stock. ADDRESS. C. C. Herald, by same, 161 bs. paper stock. Twombly & Co., Bulgarian, Liverpool, 15 bs. rope. Beaman, Bros. & Co., M. C. McLean, Cape Canse Nuevitas..... Belt Hooks. ANDERSON & STANTON Newcastle 849 WILSON, GREENLEAF, Lowell, Mass Palermo..... 810 21 be. rope. Woodford & Farlow, Hamilton, Calcutta, 593 bs BOSTON HOUSES. Insurance Brokers. 18 paper stock. T. J. Jones & Co., Worcester, Halifax, 4 bs. rope. BLANCHARD, J. HENRY, Chemicals and Wood Pulp, 42 Batterymarch st. Rio Janeiro..... 30 152 BROADWAY. Rotterdam 1,139 1.885 T. J. Jones & Co., Mary Alice, Barringto BUTLER, THOMAS, Dealer in Paper Stock, Woolen 249 Causeway st. San Francisco...... 620 pounds rope. Sawyer, Soule & Co., Loraine, Lunenburg, N. S., NATRONA IRA L. BEEBE, 400 pounds rope; 400 pounds paper stock. CHICAGO HOUSES. NEW YORK AGENT. Paper. Hooper, Lewis & Co., Massachusetts, Liverpool EXPORTS of Paper, Books, &c., from the Port of CLARKE, FRIEND, FOX & CO., Paper Manufac turers and Dealers. 150 and 152 Clark st POROUS New York to Foreign Ports, for the week ended STOUT, MILLS & TEMPLE, GILBERT, Wm., & CO., Wholesale Dealers in Paper and Woolen Manufacturers' Materials, 11 & 13 Market st. Sept. 18, 1877, with Aggregates and Values. G. C. Whitney, Parthia, Liverpool, 1 cs. BOOKS, masses to Hamburg, 7; to Bremen, 2; to Liverpool, 22; to Hull, 6; to Argentine Republic, 3; to Bleaching Powder. CINCINNATI HOUSES. Warren & Co., Massachusetts, Liverpool, 119 cks. British Australia, 8; to New Zealand, 1; to Venezuela, Soda Ash. BLOCK & POLLAK, Paper Stock, 206 to 226 West Third st., and 39 to 57 McFarland st. ; to Mexico, 6; to United States of Colombia, 21. PAPER, to Hamburg, 2 cs.; to Bremen, 4 cs.; to Warren & Co., Massach tts, Liverpool, 164 cks.

SNIDERS, LOUIS' SONS, Manufacturers and Whole-sale Paper Dealers, 121 Walnut st.

Rotterdam, 18 pkgs.; to Liverpool, 4 cs.; to Cuba,

PITTSBURG HOUSES.



Caustic Soda.

drums.

Warren & Co., Massachusetts, Liverpool, 200

Sal Soda.

PAPER TRADE JOURNAL. THE

The laper Trade Journal. DEVOTED EXCLUSIVELY TO THE INTERESTS OF The American Paper Trade. Weekly, \$4.00 per annum. 10 Cents Single Copies,

300

NEW YORK : SATURDAY, SEPT. 22, 1877.

Advertisements cannot be received for insertion in the current week later than 9 A. M. on Friday The charge for advertising is 25 cents a line, each inser tion. Special terms for standing and displayed ad-vertisements to be had on application. Card in Directory Column and one copy of paper, \$10 a year. THE PAPER TRADE JOURNAL is the recognized organ

of the various Paper-Makers' Associations of the United States.

THE JOURNAL contains the latest and fullest in formation relative to the paper trade in all parts of the world, including descriptions of new appliances ients with and processes for making paper, experin

ew fibres and other materials, a record of the wate supply, with the latest manufacturing news in all parts of the country. It gives the cream of all the foreign technical journals which relate to the paper interest, besides communications from competent persons in the trade, both at home and abroad. The market review and quotations show the state of trade in all the principal cities, and no pains have been spared to make these accurate and complet Subscription and postage for Great Britain, mplete.

per annum.

cription an i postage for France, per

annum. Enhaription and postage for Germany, per 8 thalers Foreign subscribers may address our New York

Communications on matters of interest to the trade are carnestly solicited from all quarters, and if used will be liberally paid for. Items of news, and facts of all kinds in relation to the state of the mills, &c., will be gladly received.

cations must be addressed to HOWARD LOCKWOOD, Publisher and Proprietor. No. 74 Duane street, N. Y

Philadelphia Office : No. 900 Chestnut st.

Alle

TO CORRESPONDENTS.

As THE PAPER TRADE JOURNAL is the recognize wehicle of communication in matters of trade m terest, un will be glad to receive correspondence from all parts of the country. Information and sugges fion upon paper-making topics are especially valu-able, and manufacturing news and personal items are equally acceptable.

PAPER-MAKERS are brisking up, and improvements are being made in every direction. A hopeful sign.

THE formation of a new paper manufacturing company, with substantial backing, in California is noted. It looks as if it is intended to result in keeping our Eastern papers out of the Pacific Coast market.

WE have seen samples of toilet paper which, from general appearance and makeup, resemble the product of a well-known manufacturer. This paper is brittle, heavily loaded with wood, and for all practical just, and its principle founded upon a purposes one might as well use a chip.

THE dealers in book papers are beginning to feel the annual revival which precedes the holidays, and the publishers are making preparations for an anticipated call beyond last year's demand. There are certain signs which indicate that their expectations will not be disappointed.

A CORRESPONDENT has sent us some samples of paper showing the difference of manufacture between paper made with the old style dandy roll seam-impression, and that made with Dunbar's improvement. The difference is very marked, and shows strongly in favor of the anti-seam impression improvement. In samples made by this process no seam mark is visible.

THE wood pulp manufacturers held

future. The proofs of such growth are ac- prices, allowing him a commission. These cumulating daily, and a gradual improvement is noticeable on the streets, along the wharves, and in the warehouses. Of course, it is not to be expected that all branches will equally experience the impetus of enlarged commerce. It should not, therefore, lead any to suppose because the movement is gradual, that any line, such as the paper trade, is to be exempt from the general advance, or that every branch is to experience the same sudden and rapid changes. It is rather a hopeful sign, therefore, when the pulsations are regular and steady, and not fitful or feverish. Until activity shall give place to absolute dullness, there is no reasonable ground for distrust or apprehension as to what is yet to come.

THE relations between employer and employed have greatly changed within a few years, and on the whole perhaps not for the permanent benefit of either party. The great development of industries at the present day has discouraged all immediate intercourse between the two classes. The workman very seldom knows anything of the real outlays and commercial conditions of the manufactory in which he works, and regards the owners as people who only desire to work him to the utmost. Abroad, on the Continent especially, the workman is subjected to stricter rules and regulations than in this country. In France, every workman must have his livret, which practically subjects him to police surveillance. Besides, the workman is bound by all the force of the law to fulfill the rules of the house with which he works. A master mechanic in Paris had a notice posted to the effect that workmen voluntarily leaving the shop during the course of the fortnight should wait for their wages until the end of the fortnight. One of the workmen demanded the immediate settlement of his claim, and summoned the employer before the city courts, where he obtained judgment. The Court of Cassation soon revoked this decision, as by the Code Civil the rules agreed to between employer and employed have all the force of law unless mutually revoked, except when they are contrary to public order and morality. The mere fact of a workman being employed in a factory is sufficient evidence of his having accepted the regulations of the house. We think this position substantially recognition of mutual obligations between the employer and his workmen which no caprice or whim of either can set aside.

THE gradual breaking up of the fine writing paper-makers' association happened through the devices of some of the manufacturers to deviate from the spirit of their agreement, while apparently sticking to its letter. As one manufacturer after another found the pressure too hard to withstand, the dodging business became general, until no one remained to do honor to the compact. The few who stood faithful to the last only yielded when it was plain that they must make the best of the market, and we cannot but commend those who stood out until combination became useless. Our readers will recall that, shortly after the agreement was made, it was charged that all of the mills were not living up to its terms, more particularly as to prices. This has been all along more or less virtually the fact, some of the manufacturers grading their finer papers at lower standards so as to take the inside of the market. The pressure exerted upon the market by the makers of engine sized papers of good enough quality for most purposes and who were outside of the combination had its effect in bringing about such evasions. We know that the association while it lasted did much good and kept the sale of fine papers at profitable figures. This, we are informed, induced some to "run extra or to run off extra engines in one way or another." We are told, too, that a prominent house in this city sold paper

features leave it hardly to be wondered at that the half-time and uniform price agreement should finally be ignored. Despite all this it is claimed by some that the combination prices have lately been paid, and that goods are quite firmly held. The market has, however, been all along adjusting itself to the inside competition mentioned, and prices have undoubtedly been made to meet it. This virtual break-up of the writing paper-makers' association, is, we think, to be deplored, but as the organization nominally retains its existence, we repeat our suggestion, lately made, that meetings be held, if for no other purpose than to keep the trade en rapport, and give them the opportunity to compare views and see just how much they have made by the two methods of conducting their business We fear that the future will show that a grave mistake has been made, and that the trade will regret that they have let their control of the market go by default. It may be that our vaticination is wrong, and that everything will prove to be lovely, espe-

Correspondence.

pending. Let us hope so.

cially as improvement in commerce is im-

[Communications are solicited from everyone who has anything of value or interest to impart. Items of news, trade gossip, and personal information will be gladly received. Correspondents are requested to write on only one side of the paper. No responsibility for the opinions of correspondents attaches to this paper. Communications must be sent to reach this office by Wednesday night or Thursday morning, of each week, to insure insertion.]

Governor.

To the Editor of The Journal : As answer to "Morristown," I would say that I am not aware how the Snow governor would work on a breast or overshot wheel, as I have not used it on any other than turbine wheels. Yours,

Cutter Girls.

To the Editor of The Journal:

Machine-tenders in some mills have a good deal of trouble in keeping the cutter girls at their work. It is very annoying, to say the least, to the machine-tender, when the reels are filled, to have to leave the machine and travel around the mill looking for the cutter hands. This is the case in nearly every paper mill where the manager is theoretical. In well-regulated mills where the manager is a practical paper-maker he is generally looked upon as being a protection to the machine-tender, and no such trouble is apprehended. Let any paper-maker of experi ice go into one of those mills where a th ical man is in charge, and see what a pitiful look ing sight is presented. In the first place the machinery is broken up and all out of fix; but this is not to be wondered at when we consider that the mill's crew consists of a lot of unculti vated roughs, both male and female. A respect able person would almost be ashamed to inter mix with such a crowd. It is said that men are known by the company they keep, and one of the above-named mills is a very fair illustration of this good old proverb.

ONE ARMED PULP-DRESSER. Dressing Fly Bars.

PLEASANT GARDEN MILL, CHESTER, Pa., August, 30, 1877. { To the Editor of The Journal :

Of the many labor-saving devices adopted by paper-makers generally towards the improve ent and economical working of their mills in the bleach-house, engine or machine rooms the important question, "How to save the time and expense lost in dressing and grinding fly-bars in the engine-roll ?" has never to my knowledge been practically entertained or profitably an swered

In this mill we have had a new set of extra heavy fly bars (the stock worked requiring such) put in one of our engine rolls, and although the bars measured three-sixteenths of an inch on the ted about as uneven a circle a an old roll refilled can present, we managed, by the aid of a machine made and patented by Jas. H. Robinson, millwright, and Charles Arthur, paper-maker, of this State, to grind the gine roll perfectly and in a true circle, with the edges of the bars sharp and clear, in the alnost incredibly short time of three hours, whereas by the old system the same work would require not less than four days, and more likely six days. The result far exceeded the anticipa tions of the most sanguine. As soon as another engine roll is filled (which vill be in a day or two), the grinding of the fly bars will be done and the machine tested in th presence of a few of the more prominent papernakers of this section, thereby giving it publicity and gaining the approval of well-known nen, when a complete description, with all the etceteras necessary to bring so important a matter before the trade, will be forwarded.

class of papers. The writer of this article, several conceived a plan very similar to the above for the purpose, at the time, of making a paperfor the Government use that could not be counterfeited, his object being to produce a paper of either two or three thicknesses, each sheet of which should be formed independently, and not only of an entirely different material, but of different color, with changeable "water marks," &c., and capable of a variety of combinations to an almost unlimited extent, and rendering any thing like a perfect imitation of the paper im possible. No difficulty was found in arranging a plan for constructing this machine, or ma chines, except the matter of cost, which the orig inator himself was not able to meet, and as he did not succeed in finding parties wiling to provide the necessary funds, it was, for the time, suspended. The matter was brought to the attention of the then Secretary of the Treasury Washington, Mr. Boutwell, and considerable correspondence had upon the matter; its mer its were fully admitted, but the reasons given for not adopting it were that the Government was fully satisfied with the present paper in use, also that it would involve great expense, &c. ; but to any one who was familiar with the working of matters inside the "ring" in Washington at the time the reasons given were not very convincing.. That such a paper can be made, and one that will be absolutely proof against imitation (a claim not made by any one for the paper now used by the Government), the writer, himself a practical paper-maker, has never had the slight-No claims for a patent were made at st doubt. the time on this improvement, but any parties now endeavoring to establish a right to such an invention will probably be called upon to prove priority of invention. COLOR.

Changes, Removals, and New Firms.

Rice & Brother succeed Rice & Hunt, station-

Walter C. Heugh & Co., New York City, pub-

The firm of Swighart & Sargent, printers

Maquokita, Ia., has been succeeded by Swighart & Sons

have formed a new firm under the title of Bel-

Yohn & Porter, booksellers and stationers Indianapolis, Ind., have dissolved partnership by mutual consent. E. B. Porter continues for

streets, Galveston, Texas, has started a stationery and blank-book department in connection with his wholesale drug business. George M. Courts will have charge of this new department.

Albert B. Yohn and Charles G. Yohn, of the ate firm of Yohn & Porter, Indianapolis, Ind., have formed a copartnership for the purpose of continuing the book and stationery bu that city. The firm style is Yohn Brothers.

Failures.

James H. Ellis, printer, Boston, Mass., has had his stock attached.

J. B. Collins & Co., publishers, New York, have been closed by the sheriff.

Baker & Kennedy, stationers, Philadelphia, Pa., have gone into bankruptcy.

John Edwards, stationer, Toronto, Ont., has alled a meeting of his creditors.

At the meeting of the creditors of Porter & Banbridge, held last week at the office of the Register of Bankruptcy, a composition of 75 cents, payable in five, ten and fifteen months, was accepted by the creditors. The notes are indorsed by H. Bainbridge & Co.

There is nothing new to report connected with the affairs of Frank Leslie. The sub-committee is hard at work examining into the business. and the committee will report to the creditors early next week. The business, in the meantime, is continuing without interruption, and the assignee reports that owing to material reduc-tions in expense accounts the showing is very satisfactory. The creditors seem to be hopeful that under proper management they may secure payment of all their claims in full. No further statements have been made public as to the details of the liabilities. It has been remarked that W. J. Bryan is not on the list for \$22,000, the sum reported last week; that this is an over estimate, and that Mr. Bryan had less than \$3,600 of Mr. Leslie's paper under discount at the time of the failure, which has been already taken up.

----Fires.

Chattel Mortgages.

NEW YORK CITY. Mortgagor. Mortgagee, Amount, Hatch Lithographic Co., 32 &

.W.A.Camp & Co\$50,000 34 Vesey st ... 34 Vesey st......W.A.Camp& Co Lyon & Ames,96 Chambers st.M. E. Ames.... Lyon & Ames,96 Chambers av. Pallistrau & Raynor, 37 Vesey R. Hoe & Co.....5,661

BROOKLYN.

Gideon H. Burton, 272 Greenwich st., New York Vanderberg, Wells & Co.

Patrick H. Duffy, 254 State st. R. H. C. Valentine & Co.. William A. Richardson .R. Hoe & Co.....8.977 William C.Smith, 15 Myrtle av.Goodman & Scar-borough.....

NEW JERSEY.

Adeline Van Alstine, Paterson .G. S. MacArtee 50 EASTERN STATES.

Geo, A. Callahan, Lewiston, Me. .1.500 Frank Sands, Lewiston, Me Kate L. Crosby, Boston, Mass. .1.885 Valentine Graves, Lawrence, Mass... .1.450

WEGTEDN OT ATES

	WESTERN STATES.
	Robert Pennistone, Denver, Col 260
	James S. Stauges, Denver, Col490
	G. H. Hull, Chicago, Ill
	J. H. Mollson, Chicago, Ill
	Jas. M. Ladd, Oneida, Ill
	Anna Trinzer, Peoria, Ill
	T. W. S. Kidd, Springfield, Mass 500
	Val. Mendell, Albia, Iowa (Real)
	A. H. Wood, Albia, Iowa
	C. G. Myer, Burlington, Iowa
	Frank L. Millar, Cedar Rapids, Iowa
	L. L. Harvey, Springfield, Iowa
1	S. D. Woodruff, Decatur, Neb
	Morgan & Love, York, Neb

In Town.

F. G. Weeks, Skaneateles, N. Y.; B. F. Field, Stockton, Cal.; Wellington Smith, Lee, Mass.; John Keith, Turner's Falls, Mass.; R. M. Fairfield, Holyoke, Mass.; Danl. Alexander, Mill River, Mass.; Charles O. Brown, Dalton, Mass.; Charles Stewart, Cincinnati, Ohio,

Obituary.

MICHAEL MAHER.

Michael Maher, of Philadelphia, who was buried on yesterday, was fifty years old. Although belonging to the great Maher family of Cashel, he was born in Cork, and came to this country at an early age with his parents. Having been raised about paper mills he learned that siness with Linthecum & Hill, Georgetown, D. C., and after accumulating, by his industry, some property in Washington, he went to Philadelphia, and became foreman for the Greenfield Brothers, paper manufacturers, Camden, N. J. Thinking that his health was failing him he, on invitation, became foreman of the rag department of Megargee & Co., in 1850. He was ongaged with different firms for ten years, and thinking to better himself he connected himself with the house of Jessup & Moore, where he attended to the rag department for over twelve years. On a change taking place in this firm he became the superintendent of the rag department of Martin Nixon & Co., which position he retained until his death. He was supposed to be the best judge of rags in that part of the country. He was a good husband and an attentive father, and left his name behind him by placing his son and son-in-law, Maher & McKeone, in the rag business on Front street.

The Postal Card Manufacture.

The Springfield Union says: "There is a good chance that Holyoke will win the busin postal-card making which Springfield lost when the American Phototype Company, of New York, captured the contract. The paper from which the cards are manufactured is made by the Parsons Paper Company of Holyoke, whose requires them to deliver it in New contract York. Rather than pay the freight on the large and increasing amount of paper required the Parsons Company have offered to erect a buildat Holyoke, and give it to the Phototype Company, rent free, if they will but remove their business from New York to Holyoke. At present the Phototype Company pays a heavy rent in the Tribune building at New York, and have very cramped and inconvenient quarters. Should they accept the offer of the Parsons Company, as it is quite probable they will do, they will re-

move to Holyoke not only the postal-card de-partment, but all the rest of their extensive business, thus making it a very important business transfer, and one upon which Holyoke may be cordially congratulated."

s, Farmville, Pa. lishers, have dissolved partnership. Belford Brothers, publishers, Toronto, Ont. ford Brothers Publishing Co.

imself in the same business.

R. F. George, corner Tremont and Water

SAM

meeting in Boston on Thursday and yesterday to consider-in the light of the extension of the Voelter patent-the questions of production and an increase of prices; also the establishment of a standard value in the future. It is understood that a large number of those present were opposed to any considerable advance, while a minority favored an increase of the price of the article. The discussion upon the subject on Thursday was said to have been prolonged, and a second day's session was held when the opinions of all present were considered and commented on. The result was unknown at the time of going to press, if, indeed, any has yet been reached, but will be announced to our readers in our next issue.

ADDITIONAL reports of increasing trade in most branches of business furnish delivered at the depot in Holyoke for a cent ground for hope, which is expressed in or two less per pound than the combination pardonable frequency, that there is to be a prices, while a large mill proprietor persteady and healthful state of affairs in the mitted a dealer to sell his paper at mill connection for the purpose of producing a special place.

Yours truly, JOHN HARLEY.

Priority of Invention.

To the Editor of The Journal : In your last issue you make complimentary reference to the invention of a new machine for

making paper, or rather a combination consisting of a Fourdrinier and cylinder working in

H. F. Blanchard, publisher of the Gazette, Fort Edward, N. Y., has had his place burned out.

The report of the burning of Beard & Crouse' mill, at Fayetteville, N. Y., was incorrect. The barns and sheds adjoining the mill were destroyed by fire on August 29. A valuable pair of horses and some paper stock were included in the loss, which is nearly covered by insurance.

It is reported that the paper mill of M. White & Co., Hobokus, Bergen County, N. J., has again been destroyed by fire. It has been unfortunate in this respect, having caught fire and been consumed with its contents on April 2 of last year. It was rebuilt, and began operations again in the early part of this year. From the information received it would appear that the entire structure has been destroyed. The loss is placed at \$15,000, and the insurance at \$9,000. The mill was principally devoted to the manufacture of paper twine.

Personals.

J. W. Thomas, printer and publisher, Philadelphia, Pa., is dead.

J. J. Benson, publisher of the Gazette, Lansingburg, N. Y., is reported to have left the

Paul A. Thorpe, who was a book-keeper at the Russell Paper Co.'s mills in 1874, was taken to Lawrence, Mass. from this city on September He was arrested on a warrant sworn out by Mr. Fowle, of the Essex House, at which hotel he owed a bill for about \$200. W. A. Russell & Co. charge embezzlement, committed while Thorpe was at the paper mill. The American gives the following account of Thorpe's stay in Lawrence: "While Thorpe was employed at the Russell Paper Mills he attracted general attention by foppishness and extravagant manners. He affected considerable interest in religious matters, giving all a tinge of his peculiar idiosyncrasies. It is stated that he 'impressed' his fellow boarders upon arrival here by spreading a silk handkerchief upon the floor, kneeling thereon, and offering prayer before dining. Mr. Thorpe boarded at the Essex House, and any morning, between 8 and 9 o'clock, might be seen perched upon a hack, with the latest novel under his arm, eye-glasses carefully balanced upon his nose, cane or umbrella in his hand, riding down to the Russells' office. His notions of literature were profuse and of high order."

PAPER TRADE THE JOURNAL.

A Queer Eulogy.

The appended obituary notice is copied from the columns of El Copiapino, a Chilian news paper. NECROLOGY.

A distinguishet young man, who was at the same time the adormanent of his house the account of all who knew him, has gone to a better world leasing of sorrow all his family and of sensation all his friends.

Yes, Williams Walkins [second] is dead but the rembrance of his short and precocious life long be affectionately regarded on the will heart of his family and by all who had the happines to know him.

Then satisficing the cruel affliction of his arents; understanding the fault he do to his friends for he was undoubdtely a young man worthy of esteem and consideration, we give the most compliment of condolence to his family and we pay a straitly low of teams R. A. PICON.—A. OSSA.

...

Canada.

Address

as it

week are:

40% to 40%.

Sept. 15

An eminent Frenchman, Theophile Foucault, has constructed a machine which employs sal ammoniac to produce steam instead of water. has the advantage that one hundred grades will, if the water boils, produce seven atmosphere and the steam created is immediately divert by the creation of negative pressure from the cold water to the boiler. It is said to be specially adapted to small businesses, and a great future i prophesied for it by the inventor. proph

SPECIAL NOTICES.

[Insertions under this heading will be charged 50 cents a line. Payment invariably in advance.]

Assignees' Sale of Paper Mill Property

AT LAWRENCE, MASS. The assignees of the estate of S. W. Wilder will field at utilic auction, on Wednesday. Sept. 38, at o the set of the set of the set of S. W. Wilder will field at utilic auction, on Wednesday. Sept. 38, at the set of the set o AT LAWRENCE, MASS.

CONLEY'S Mill and Machinery Agency FOR THE PURCHASE, SALE, OR EX-CHANGE of PAPER, COTTON, WOOL-EN, GRIST and OTHER MILLS;

ALSO, MACHINERY, MILL SITES and PRIVILEGES.

Estimates given for New Machinery at very much lower prices than can be obtained elsewhere.

PPT Parties having any kind of Machinery or Mill Property which they desire to sell, will please send a list and description of the same to the under signed, who offers for sale a large line of Paper-Making Machinery, including the following :

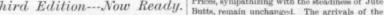
One 76-in., one 72-in., one 63-in., one 42-in. and one 36-in. Fourdrinier Machine. One 36-in., one 43-in., one 48-in., one 53-in., one 54-in., two 62-in., one 68-in., and one 73-in. Cylinder Machines.

Machines. One hundred and twenty-seven Skeleton Dryers, 36 in. by 80 in., with pulleys, gears, &c., all complete and nearly new, used in drying animal-sized writing Three Press Rolls, 12 in. by 62 in., covered with

Three Frees Rolls, 12 in. by 65 in., Covered with un-metal. Three Couch Rolls, one rubber and two copper, 12 . by 68 in. wide. One stack of seven Super Calenders, 30-in. face. One stack of six Super Calenders, 31-in. face. Four stacks of Straw Board Calenders, from 30-in. o 40-in. face. Four Daniels Rag Cutters, one Rope Cutter, one fance Cutter, two Straw Cutters, one Wood Chopping fachine. Eight iron Dryers, 14 in. by 36 in., in good order. gun-r

Machine. Eight Iron Dryers, 14 in. by 36 in., in good order. Price \$150, cash. Twenty Steam Engines, from 10 to 300 H. P., in-cluding one 150 H. P. and one 90 H. P. Corliss En-gines, and one 80 H. P., Putnam Machine Co, make. Four Double Flue Steam Bollers and one large Locomotive Boiler. One large Steam Pump. Two Rag Dusters, one Rag Thrasher, two Devil Dusters.

Dusters. Two 48-in., one 54-in., one 62-in. and one 84-in. Paper Cutters, one 62-in. Hatch Cutter. One Gould Patent Engine. Two Kingaland Patent Engines. One Standing Press, with gun-metal screw, plate 24 in. by 48 in.



LOCKWOOD'S DIRECTORY Paper Trade. 1877.

This Directory is octavo in form, is printed on the

finest book paper, handsomely bound in cloth, and as

a work of reference is indispensable to every Paper-

maker, Paper and Paper Stock Dealer, Stationer, or

LOCKWOOD'S DIRECTORY is the only STANDARD

authority of the kind, and is constantly consulted by

PRICE. - - - - \$2.00.

HOWARD LOCKWOOD,

Publisher.

74 DUANE STREET, N. Y.

Market Review.

THE MONEY MARKET .- Money has been

active and 7 per cent. has been paid in the street.

banks. Mercantile paper rules dull. Money on call loaned at 5 and $2\frac{1}{2}$ per cent. and closed at

31% per cent. The bulk of the business was at 4

and 5 per cent. Banks and trust companies are

doing nothing below 5 per cent. Commercial paper of strictly first-class and of short date only

Government bonds are quiet but firm, for rea-

There is more firmness to gold, and sales were at 103½ to 103¼ on the closing out of short con-

tracts and the demand for gold to be paid in for

the 4 per cent. bonds. The quotations for the

Opening, Highest, Los103 5-16 103 5-16 1

The posted rates for bankers' sterling remains

nchanged at \$4.831% for 60-day and \$4.87 for

usight, and the market is dull and heavy. The

rates to-day are: Sterling, 60 days, \$4.821/2 to \$4.83; sterling, sight, \$4.86 to \$4.861/2; cable

transfers, \$4.87 to \$4.88; commercial sterling,

prime long, \$4.82 to \$4.821/2; commercial ster-

ling, good long, \$4.81 to \$4.82; Paris, bankers',

60 days, 5.19% to 5.18%; do. sight, 5.16%

to 5.18%; do. sight, 5.16% to 5.15%; Swiss, bankers', 60 days, 5.19% to 5.17%; do., sight,

days, 941/2 to 943/4; do., sight, 951/2 to 951/2; Guild-

ers, bankers', 60 days, 401% to 40%; do., sight,

THE PAPER TRADE. - The excessive dull-

ess which prevailed during the month of August

has given place to some movement, but not such as to make dealers enthusiastic over the situa-

tion or particularly buoyant as to the future.

The promise of two weeks ago suggestive of

early fall brisk trade has not yet been realized,

and only moderate activity prevails. Fine Pa-

pers are still called for occasionally and in small

jobbing lots to meet the limited demand only of

dealers from week to week. The bulk of trade

is still from out-of-town buyers, while city pur-chasers are few, holding aloof for a presumably

better time to purchase in the future. The

search for book papers is a trifle more active, and publishers seek, to a limited extent, addi-

tional stock. About the same call prevails for

News that was mentioned last week, and

prices remain nominally the same. The move-

ment in Manillas continues to be very light.

Wrappings are selling moderately in small job-

to 5.15%; Antwerp, bankers', 60 days,

5.161/4 to 5.15; Reichmarks (4), bankers',

1081/8 1031/8 1031/4

Closing. 103 8-16

10278 10278 10276

103 103 1031

60

taken, and quotations are nominal.

.10318 .10278 .103 1-16

10316

ons already adverted to.

OFFICE OF THE PAPER TRADE JOURNAL, | FRIDAY EVENING, September 21, 1877. |

has been for a long time current at the

any one connected with the trade.

the Trade in all parts of the country.

pers. and 524 hales Manillas. DOMESTIC RAGS .- The activity noticed in our last issue was hardly maintained during the

past week in some qualities, while in others about the same business was transacted at unchanged prices. So long as the call for Foreign Rags remains small the holders of Domestics continue encouraged and hopeful. Good Pack ings are in very fair demand and move regularly at the same rates. Poor Packings are still in large quantities, and holders are disposed to sell them at low prices, yet even the offers, which are below quotable market rates, are not availed of to any great extent by purchasers. who hold aloof. There is not quite so much call for White Rags, which have fallen off a trifle in price, and manufacturers are now purchasing about equally of Country and City Rags, which command rates according to their quality. include 65 bales City Seconds at 21/c. : 85 bales City Seconds at 2%c., and 80 bales City Whites at 5%c.

OLD PAPERS.-More movement is noticeable in Old Papers, and they are disposed of with more freedom, while prices are held firm at the rates of last week's quotations. The sales include 35 tons Light Book stock at 2%/c. : 60 tons Heavy Book stock at 4% c., and 40 tons do. at 4 5-6c. There is a fair demand for City Book stock.

BAGGINGS.-A hopeful feeling prevails and there continues to be a fair call for Baggings, which, in contrast with the month of August, are in good fall inquiry. The firmness of Jute Butts stimulates the market for Baggings, which, however, have not advanced, but are held firm at the previous week's quotations. The belief of an advance is strengthened by reports from abroad, which represent a light stock and firm rates. Among the sales were 40 tons No. 1 Gunny Bag-gings at 3c.; 80 tons do. at 3 1-16c.: 120 tons do., spot, at 3c.; 60 tons do. at 31/c., future delivery; 40 tons No. 2 Gunny Baggings, three months delivery, at 21/2c.; 40 tons do. at 25/2c.; 20 tons do. at 2%c.; 20 tons No. 1 Burlaps at 31/c. Most of the mills are now running at full time and the supply of Rope is more sought for. The manufacturers and holders however can hardly agree as to price. The former have offered 31/4c. and 3%c., but sellers are reluctant to part with their oods for less than 31/2c., while some refuse to sell at less than 3% c. Sales have occurred of 20 tons at 81/c., and 150 tons exchanged hands at 3%c. Hemp stock is in increasing demand and much sought for. There is only a small stock in the market and prices rule accordingly.

WOOD PULP .- There continues to be a fair call for this article. Purchasers are quite erous, and prices remain fair. The action of the Wood Pulp manufacturers, who were to meet this week at Boston, is awaited with considerable interest by a large number of dealers. Some of whom claim to have information from trustworthy sources that the price will be advanced, while others assert with equal confidence that no change will be made, and that the meeting is called to consider other features of the patented material. Sales have been stimulated and greater activity is discernable Sales of nearly 800 tons were made during the week at 31/2c. for spot and future delivery.

STRAW .- The market has been moderately active, and prices remain unchanged. We quote 55c. to 60c. for Long Rye, 50c. for Short Rye and 45c. to 50c. for Oat.

ROSINS .- Strained remains quiet, but is held as before; the fine grades have a moderate inquiry, while common grades are dull and neglected, hardly any call being made at any price. Sales include 450 bbls. No. 1 and Pale at \$2.20 to The quotations are: Good Strained at \$3.75. \$1.85; Common do. at \$1.75 to \$1.80; E. at \$1.95; F. \$2.05; G. at \$2.121/2; H. at \$2.25; I. at \$2.30 to \$2.35; K. at \$2.50 to \$2.871/6; M. at \$3 to \$3.371/4; N. at \$3.75 to \$3.871/4; W. at \$4.25 to \$5.

CHEMICALS.-The market is moderately active, but nothing to boast of, and just about the same movement in a small way is observed as was noted in our last issue. Purchasers in limited numbers have bought small and even moderately large lots, and prices remain the same. Carbonated Soda Ash remains about the same. Caustic Soda has shown a little more movement and is in light stock. Sal Soda is firm. Bleaching Powders show some improvement, and are a little more active. Oxalic Acid and China Clay remain about the same. Sales include 250 casks Bleaching Powders at 11/2c. currency; 75 tons Bieaching Fowders at 15%c. currency; 75 tons Caustic Soda Ash, 56 per cent., at 1.90c. gold; S0 drums 70 per cent. Caustic Soda at 4.30c. gold; 35 tons Sal Soda 1.35c. gold; 200 barrels Lump Alum at 21%c. currency; 150 barrels Control Alum at 21%c. currency; 150 barrels White Shavings, No. 1. White Shavings, No. 2. Ground Alum at 2%c. currency; 100 barrels Pot ash Alum at 2%c. currency; 50 barrels Concentrated Alum at 2%c. currency; 100 barrels Natrona Porous Alum at 31/c. currency; 25 tons Aluminous Cake at 21sc. currency; 20 cask Yellow Prussiate at 231/c. currency; 10 casks Bichromate at 12% c. currency. COAL .-- Anthracite is quoted active with a weaker tendency than was noticeable a week ago. Schuylkill and Lehigh regions are sending forward large tonnages, and dealers are only buying small lots in the expectation that coa will rule much lower in price when the men in all the districts shall be at work. Cumberland coal is quoted active at the quotations men tioned below. Tonnage keeps at a good aver age, the week showing an increase over la year, but the sum total is an irredeemable quarter of a million tons behind, thanks to the canal and mining troubles which have pre-vailed this year. The prices of Bituminous coal vailed this year. are lower, and affairs in the Wyoming District remain still unsettled and without change. Saw ard's Coal Trade Journal says: "Lehigh is in good demand with some dealers; there is a lit tle weakness on Chestnut size to the extent that ten cents per ton off will make a trade. All in this No. 74 Duane Street, N. Y. about as numerous as during the previous week. able to record an increase in the tonnage of this

Cream Shavings. Paper-collar Cuttings. Ledgers, Briefs and Letters Newspapers and Pamphiets, Old Newspapers Broken News and Letters. New Books, Solid Folios Old Blank Books. Brown Papers. Prices, sympathizing with the steadiness of Jute quality that will be gratifying to those dealers and consumers who have been waiting for a week foot up 809 bales Rags, 674 bales Old Pasupply." We continue our quotations, f. o. b., at tide: Lump, \$3.75; Broken, \$3.65; Egg; \$3.65; Stove, \$3.75; Chestnut, \$3.40 to \$3.50; Pea, \$2.25.' White an Railway NEW YORK MARKET. PRICES CURRENT. F F F, square bale. F F F, long bale F F F, long bale P F, square bale 0.24@\$0.31 17 14 14 12 15 15 15 15 11 12 10 00000000000 20 17 25 1 25 1 18 10 look, super-sized and calendered ook, super-sized and tinted ook, extra machine finish, ook, extra machine finish, ok, good quality, all rag wk, good quality, all rag, tinted ok, o, 1, Shavings & Imperfections ws, rag and wood ws, starw. vs, Common Extra Fine Blue Linen L F B, square bale.... L F B, long bale.... Gunny Bagging, No. 1 Burlap Bagging, No. 1 CSPFFF, square bale CSPFFF, square bale CSPFFF, square bale CSPFF, square bale CSPFF, long bale CSPF, square bale FR, square bale Extra Fine Blue Cotton CFF, square bale Extra Fine Blue Cotton CFF, square bale Cotton Canvas 18 18 11 10 8 8 71/4 16 14 ne, No. ne, No. ne, No. 181/20 10 0 91/20 Blank, No. Blank, No. Blank, No. White White White T R (tarred). W R (white) M R (manilla 7360 Curtain Buff ... Brown 41/0 5 111 15 11 Old Book Paper ... Old Printed Books 14 10 1.50 .25 .75 1214 Impertection White Shave es,20 × 30. 19 + 30, Colored Papers Printed Papers Writing Papers 1814 1134 1814 1814 814 814 814 7 5 our-sack, drab Legh. P P, No. 1 Linens. S S, No. 2 Linens. T T, No. 3 Linens. P, No. 1 Cottons. S, No. 2, Cottons T, No. 3, Cottons R R, linen stripes unbleached ... light weight. heavy weight vy weiging Wrapping anary 2. 23 9 8 100.00 6 60.00 6 65.00 6 65.00 6 55.00 Whites \$ 35.00 SPFF SPF... FG... LFB. 1.18 1.00 75 70 46 38 40 45 39 90 80 55 50 30 21 25 17 000000 SPFF. 15×20 14×18 13×18 12×16 11×15 FF.LFB... 18 14 Straw Wrapping, M D. Tea Papers, 16 sheet quires 12 × 18 14 × 20 234 35.00 45.00 40 50 Woolen Rags. nforter Stock Blue Grey Stockings. White Stockings. Blue Flannels. Reds, old. 18 10 Reds, new Shirt Clippings. fixed Softs, free of Carpet Mixed Softs, free Seamed Cloth... Skirted Cloth.... Skirted Cloth..... Light Skirted Cloth. New Dark Clips... New Light Clips... New Black Clips ... New Blue Clips ... New Blue Clips ... 10 14 16 18 15 4 Fancy Shirt Cuttin Fancy Linsey Cutt Satinets, clean stor is and Satinets. 23/4 740 2 00 2340 , stripped for extract 23/6 8 114 14 Wool Carpets Mixed Carpet 8 @ 8 Rags, Rope and Br hirt Cuttings, No. 1... hirt Cuttings, No. 2... orted Whites 7%6 8% 6140 5140 5140 6% 6 5% 5% eached Muslins Whites Canton Flannel New Cotton Strips, light New Cotton Strips, dark No. 2, Whites Jotton Canvas 434 834 534 41/60 8 (0 57/80 51/20 51/20 51/20 8 (0 21/20 21/20 inen Canvas 21/8 1996 1.00

nilla Rope nilla Rope

Hemp Rope. Aunny Bagging, No. 1 Junny Bagging, No. 2. Kentucky Bagging. Surlap Bagging. Tar Shakings

p Twine Stock

Shavings and Old Paper.

51400 6 516 456 434 Japanese Rags Whites 3 003400 Chemicals, Coloring Materials, &c grou. Alum, porous Aluminous Cake, Pochin's Patent Auti-Chlorine 356 436 Anti-Chlorine. Bi-Chromate Potash, Scotch, currency Bi-Chromate Potash, American, cur? Bleaching Powders, currency.... Caustic Soda, 60 per cont. gold ... Clay, China, English, to arrive, per Clay, China, English, to arrive, per 14 14 1.60 10.00 18.00 14.00 25.00 15.00 gold South Carolina, per ton.... ferra Alba, English per ton Terra Alba, American, per to @ 20.00 Clay Clay Clay 35.30 Cay, terra Anos, American, per ton Copperas, American. Extract Logwood, currency Prussian Blue, dry. Prussian Blue, dry. Prussian Boue, dry. Prussian, currence Rosins, common strained, per bbl. 1366 1036 86 86 80 810 2.15 2.20 2.30 2.30 2.40 2.75 3.50 5.00 70 Kosins, currenal, gold. Rosins, common strained, per bbl. Rosins, good strained, per bbl. Rosins, good, No. 2, per bbl. Rosins, good, No. 2, per bbl. Rosins, good, No. 1, per bbl. Rosins, pale, per bbl. Rosins, extra pale, per bbl. Rosins, extra pale, per bbl. Sola Ash, caustic Soda Ash, caustic 2.50 2.60 2.60 2.50 2.50 2.50 2.50 3.00 3.25 3.75 6.00 1.40 oda Ash, caustic, gold oda Ash, carbonated, gold oda Ash, refined, gold oluble Blue 1.95 -70 6 13/60 wn, dry... 1346 Soluble Blue Spanish Brown, dry..... Sugar Lead, white Sulphuric Acid, 66 degrees Sulphuric Acid, 66 degrees Ultramarine, gold. Venetian Red, American Venetian Red, English. Vitriol, blue, currenev. 20 40 134 1%0 Venetian Red, English . Vitriol, blue, currency. Yellow Ochre, gold..... 154 BOSTON MARKET. Paper .-- Demand in light, though rather better Bagging and Butts are quiet, and off in prices. De-mand for stock in general is but fair. Chemicals.-Ash is selling quite freely for Caustic ; Carbonated very quiet. Bleach is in small stock, with higher prices on spot and to arrive. Sal firmer on spot. Caustic moving slowly. English Alum has been selling freely. Rosins-Remain without much change. No. 2 is higher, and stock of all grades is rather small. General trade shows a little improvement. Paper Stock. 614 594 4 5 6 334 496 914 854 1 516 396 396 5 116 11 9

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Hamburg Rags, &c.

LINESS

Rope

Old Papers.

Alexandria Rags.

Memel Rags

Trieste Rags

Konigsberg Rags

Leghorn

H 734

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8%4 4 8%6

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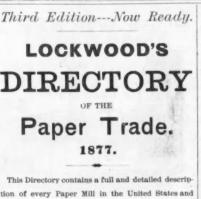
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536

416

8%6 6%6 4%6 4%6

534



One Standing Presses, with gun.metal screw, plate 34 in. by 44 in. Twelve Cutting Presses, from 37 in. to 45 in. wide. Six Making Cylinders, of different sizes. Ten Water Wheels, different sizes. One Snow's Water-Wheel Governor. One 40-in. Leffel Water Wheel Case. One 50-in. Winder, with ninety-six Iron Spools, 2 in. by 38 in.; also, forty Wooden Spools, 7 in. by 38 in. One set of three Reels, 62-in. face; one set of six Revolving Reels, 75-in. face; one set of six R

Iron Pipe. One No. 8 Armstrong Heater.

PAPER MILLS.

PAPER MILLS. Twenty Paper Mills in Massachusetz, New York, Connecticut, Pennsylvanis, Ohio, Michigan, Kentucky, Virginia, Georgia and Illinois, containing the following size machines: One mill with two 72 in., one with one 78-in., one with one 84-in., one with one 78-in. and one with one 48-in. Fourieriner Machine; one with one 72-in. and one 68-in., one with one 78-in., set, one with one 52-in., two with one 68-in. Cylinder Machines.

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EDWARD CONLEY,

bing lots. Straw Boards have exhibited about the same degree of activity as during the previous week. Wrappings have not undergone any change Binders' Boards have been brisker. Sales have been fair and somewhat better than they were during the corresponding week last year. Prices ruled about the same.

JUTE BUTTS .- The only arrivals during the past week have been 100 bales, per Hamilton, at Boston. The market rules quiet and steady at 31/c. to 3%c., with sales thus far of about 800 bales on spot at above mentioned prices.

FOREIGN RAGS AND PAPER STOCK .-The market may be called steady, but it is the steadiness of only a limited business and moderate sales. There is a little more movement in Linen Rags, and a few purchasers are buying at rates which have remained unchanged since last week's report. Under the pressure of large stocks and small sales there has been some disposition to yield in prices, but buyers have not been induced thereby to purchase in quantities, and sales have been restricted to small lots. Waste Papers have been a trifle more in demand, but the increased call does not meet the requirements of brisk business or good trade. The importations of Baggings continue to be triffing and buyers appear in only limited numbers, but are district are now at work, and we shall now

s	Shavings and Old Pape	F.,	1	prices on spot and to arrive. Ba
1;	White Collar Cuttings, all paper	53600	6	Caustic moving slowly. English Alt
9	White Collar Cuttings, muslin lined .	41460	5	ing freely. Rosins-Remain without
2.	White Envelope Cuttings	51200	6	No. 2 is higher, and stock of all grad
s	Hard White Shavings, No. 1	5%@	514 518	General trade shows a little improve
100	Soft White Shavings, No. 1	5 0	416	
8	Mixed Shavings, part white	3160	972	Paper Stock.
5	Ledger and Writing	440	4	Mill Assorted Whites
-	Solid Stock	42.00	436	Cotton Canvas
8	Book Stock	21600	234	Cotton Canvas, No. 2 Linen Canvas
	Book Stock, No. 1, light	23400	8	White Shirt Cuttings
IS	Book Stock, No. 2, light	2 60		Country White Rags
8	Prints	11/200	134	Country Mixed Rags
	Pure Manillas	3 @		City Whites, No. 2
8	Bogus Manillas and Hardwares Commons	140	8/	Seconds, Country
	Binder's Board Cuttings	1140	196	Colors
a	Straw Board Cuttings	80 0	178	Manilla Rope Binders' or Tar Board Cuttings
-		. W	- 1	Binders' or Tar Board Cuttings
k	English Rags, &c.			Common Papers Oakum Junk
-	New Cuttings, cotton	7%0	8	Hemp Rope
	Essex Fines	6%	7	Gunny Bagging
×	London Fines, cotton	5%@	6	Gunny Bagging, No. 2
LL	Outshots, cotton	5 0	816	Kentucky Bagging
n	Seconds	8140 8140	344	Hard Woolens, old
d	Thirds.	2%0	246	Soft Woolens, old
u.	New Print Tabs	41460	41	Hard Woolens, new
1-	Checks and Blues	38200	856	Soft Woolens, new Jute Butts
-	Light Prints	8/20	334	White Collar Cuttings
1	Light Fustians	8120	396	White Envelope Cuttings
	Dark Fustians	2440	25/8	Hard White Shavings, No. 1
0	Black Calicoes First Canvas Linen	2 0	214	Soft White Shavings, No. 1
0	Second Canvas Linen	4140	436	White Shavings, No. 2 Mixed Shavings (¾ white)
-	Black Bagging	43200	162	Mixed Shavings (4 white)
	Gunny Bagging, No. 1	8 0	812	Imperfections
l l	Gunny Bagging, No. 1 Gunny Bagging, No. 2	2160	296	Light Prints. Manilla Envelope Cuttings, new
t	Mixed Bagging	240	2%	Manilla Papers, old
7-	Burlaps Bagging, No. 1 Rope, Manilla	2%0	224	Hardware and Manillas
	Rope, Manilla	8280	8%	Straw Board Cuttings
n	Rope, Manilla, tarred	2%2	914	
5-	Jufe Ropes	31/2	814 814	Leghorn Rags.
t		97840	976	P P. No. 1 Linens
	English Old Papers and Sha			8 S, No. 2 Linens
is	Hard Shavings, No. 1	160		T T. No. 8 Linens
e.	Soft Shavings, No. 1	4%@	-22	8 No. 2 Cottons
is	White and Colored Shavings, No. 1 White and Colored Shavings, No. 2	8 0	24	T. No. 8 Cottons.

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302

THE PAPER TRADE JOURNAL.

302	INE IA.	FER INADE J	OURNAL.
Alexandria Rags.	CINCINNATI MARKET.	62-INCH DRYERS.	ROB'T WETHERILL & Co., Chester, Pa.
Blues	Paper Stock. Cents. Cents.	For Sale Low.	1
Smyrna Rags. Whites 274@ 3	City, No. 1 Whites . 54 Mill Assorted Whites 5 White Cotton Canvas, Common Wool Rags.90	Three 62-inch Dryers, 48-inch diameter, with reels, winder, &c., complete and in good order. Also, 12-	
Blues	No. 1	horse power Portable Engine and Boiler-Wood & Mann. All in good order, and now running at the	
Mixed 4 6 11/2 Zanvas, No. 1	White Shirt Cuttings. 6 Country Whites, No.1. 55 Country Whites, No.2. 44 White Collar Cuttings 6 White Envelope Cut-	mill of the Connecticut Paper Pulp Company, Hart- ford, Conn.	Builders.
tope	Country Whites, No.3. 312 tings 416 Country Blue Bags 316 Manilla Envelope Cut-	GROUND WOOD PULP.	
Constantinople Rags.	Country Mixed Cotton Rags		MACHINERY.
ues	City Mixed Cotton Manilia Papers, No. 2, 234 Eags	Ground Wood Pulp in quantities, 2 cents per pound, dry weight. Ground Wood Board for box makers	
ized 1 @ — New Papers.	Manilla Rope	furnished and calendered, 21/2 cents per pound, all	Boiler Makers.
uperfine Rank	Hemp Rope	thicknesses. For sale by J. & M. Reid, 93 and 100 St. Paul street, Quebec, Canada.	Botter Makers.
rdinary Rag News,	Hard Woolens, new. 11 Soft Woolens (Mill)9 City Gunnies, No. 224 City Gunnies, No. 224		SHAFTING AND GEARING
Tanilla, Cream, No. 1 12 (b. 13) rdinary Wrapping Manilla	CHICAGO MARKET.	Public Sale of First-Class Paper Mill.	
anilia, No. 2	Rags and Paper Stock.	Pursuant to an order of sale issued by the Court of Common Pleas of Lancaster County, Pa., the under- signed Assignees for benefit of Creditors of Pearsol	of or bit mining of oon
ardware, No. 1	City Whites, No.1 5 @514 Mixed Shavings. 314@334	& Geist, of Lancaster, Pa., will offer at public sale the ONE-THIRD SHARE of Pearsol & Geist in A FIRST-CLASS PAPER MILL known as THE	
ardware, glazed	Seconds & Blues 4 @44 White Shavings Print Rags No. 1 24/@3 (H & S)	FIRST-CLASS PAPER MILL known as THE PRINTERS' PAPER MILL, situated near the City of Lancaster, Pa. The Mill is a THREE-	30, 32 and 34 South Sixth Street, Philadelphia, corner of Jayne Street.
ather Boards, W ton	Manila Rope 354@376 Gunny Bagging. 24@3 Hard Woolens 2 33 Print Papers	PRINTERS' PAPER MILL, situated near the City of Lancaster, Pa. The Mill is a THREE- STORIED STONE BUILDING, containing THREE RAG ENGINES, of the capacity of a ton and a half per day, a "2-inch Fourdrinier Machine with stack of chilled rolls and super-calenders, built by the late J. L. Leavernes; a ROTARY BLEACH of 6,000 pounds capacity; improved RAG THRASHER, RAG CUTTER and DUSTER; three steam boilers aggregating 205 horse-power; a 60 horse-power Upright Steam Engine, and having a Reservoir adioining, suppoiled with	
ather Board, counter 11 (1 15 ather Board, No. 2 8 (3 9	Soft Woolens, Flour Sacks 4 (04/4	chilled rolls and super-calenders, built by the late J. L. Leaverns; a ROTARY BLEACH of 6,000 pounds	Provide and Provid
Boston Chemicals.	Wrapping Wins 1/20 3/4 New Clips (free from sat)12 @13 Seamed Cloth 5/206	capacity; improved RAG THRASHER, RAG CUTTER and DUSTER; three steam boilers aggregating 205 horse nowner; a 60 horse nowner Upright Steam Engine	
luminous Cake, gold		and having a Reservoir adjoining, supplied with pure spring water of 2,000,000 gallons capacity. The water power is furnished by the Conestoga River.	
um, English ground	FOREIGN MARKETS.	water power is furnished by the Conestoga River. The machinery is in complete running order. The buildings are substantial stone structures, heated	
lum, American Potash	London Market Report.	buildings are substantial stone structures, heated throughout by steam. The property includes about twenty-nine (29) acres of good limestone land, with a large Two story Brick	
nti-Chlorine 34,0 44, Chromate Potash, Scotch, cur'y 124,0 134, Chromate Potash, American, cur'y 124,0 13	The mprovement of the reported most week made	Dwelling, Tenant House, a large Barn and other Out-	
Lanching Purguars gold	itself a little more feit this week. Paper manufac- turers here worked their stock out altogether, and	buildings. Sale to take place on Wednesday, October 3, 1877, at 7 P. M., at Michael's Hotel, Lancaster, Pa.	
ackley Bine, gold 5.00 sustic Soda, 60 9 cont., gold	consequently were partly compelled to come into the market and buy at best possible terms. From Amer-	Terms, 10 per cent. cash, and balance on good security, payable April 1, 1878. Possession can be	
g cent.). 434 @ 434 @ ay, English, ¥ ton, gold 18.00 @ 19.00 ay, American, ¥ ton. 15.00 @ 17.00 pperas, American, ¥ D 1 @ 134	ica no orders of consequence were received, and trade in that quarter is as flat as ever.	had immediately. CHRISTIAN GAST, JOHN D. 8KILES,	
pperas, American, 9 D 1 @ 114 tract Logwood	RAGS Middle and low classed strong Linens	Assignees of Pearsol & Geist.	
ussian Blue, W D	moved freely; our market is almost cleared of them, while the better grades were somewhat neglected.	owner of the other TWO THIRDS of the above de- scribed PAPER MILL and property appurtenant thereto, will offer their shares for sale, subject to the	
sin, common strained, 19 bbl 2 15 214 sin, No. 2	For Cotton Rags there was no inquiry. WASTE PAPERS.—The lower grades moved more	same conditions of sale as above. JOHN R. BITNER, JOHN I. HARTMAN.	
sin, No. 1	freely, but on the whole not much was done.	the second se	LARGEST STOCK AND GREATEST ASSORTMENT IN THE COUNTRY
Soda, American, currency 1360 11/2	Advertisements.	THOMAS D. STETSON, Solicitor of Patents,	J. G. DITMAN & CO.
gar Lead, White 19 49 1956	enocritisements.	AND MECHANICAL EXPERT IN PATENT CASES,	VALUES FOR RADER MULLA
Inhuric Acid, 66 degrees 134 9	WANTED-A SITUATION AS MACHINE TEND- er, either cylinder or Fourdrinier, by a practi-	No. 23 Murray St., New York, Respectfully offers professional assistance in	KNIVES FOR PAPER MILLS
tramsrine, 9 D, gold	cal paper-maker, can give the best of references as to character and ability, or would take a chance as	Tavaating	AND
triol Blue	helper in a first-class mill until there is a vacancy on machine. I have worked at the business fifteen years as machine tender on most all classes of paper.	Searching on Novelty. Determining if clear of previous patents. Securing Patents in this country. Securing Designs, Trade Marks and Copyrights. Contesting Interferences	Paper Cutting Machinery.
HILADELPHIA MARKET.	Address, W. F. D., care of Paper Trade Journal.	Securing Protection in Foreign Countries.	PAPER MILL FLY BARS AND BED PLATES.
Paper Stock.	WANTED-A SITUATION AS FOURDRINIER machine tender. Will furnish reference if de- sired. Address,	Making Conveyances. Reissuing. Opinions on Infringements.	RAG CUTTER AND TRIMMING KNIVES.
	H. L. F., Box 252, Watertown, N. Y.	Opinions on Infringements. Defending against Attacks. Proceeding against Infringers.	LARGE AND DIFFICULT KNIVES A SPECIALTY.
hite Bargs. 51/4 06 53/4 II Assorted White Rags. 6 6 6/4 hite Shirt Cuttings. No. 1 75/4 06 8 hite Shirt Cuttings. No. 2 6 6 6/4 hite Shirt Cuttings. No. 3 6 6 6/4	WANTED-A FIRST-CLASS CYLINDER MA- chine tender. None but a practical man need apply. Apply to	ing grounds:	All Work Fully Warranted in Every Respect.
tton Canvas, No. 2 4 @ 434 aen Canvas, No. 1 5 @ 536	F. R. WALKER, 18 Reade street.	Adaptation. Mechanical Training.	Send for Cuts of our
to Butte	WANTED-A SITUATION AS FOREMAN of a mill making print, book and Manillas; ac	Experience. Central Location. Modern Facilities.	IMPROVED ANGLE BED PLATE,
ny Bagging	customed to using all classes of stock and fibres; can give first-class reference as to ability, sobriety,	Moderate Prices. 7 Personal Attention.	THE BEST BEATING PLATE IN USE.
ilia Rope	&c. Address PAPER-MAKER, 228 Second st., Jersey City, N. J.	Good Assistants. • An Assistant in Washington. Frequent visits there.	TAYLOR & CORSER.
rd Woolens rd White Shavings, No. 1	WANTED - A SITUATION AS FOREMAN	Best Foreign Agents. Mr. Stetson represented Mesars, Fairbanks in ex-	
t White Shavings, No. 1	maker, successful in the management of Mills, desires	tending the Railroad Track Scale patent, Sir William Thompson in patenting the Atlantic Telegraph In- strument, and Mr. Corliss in patenting the Centen-	Riegelsville, Warren Co., N. J.
and Bhavings, No. 1	a situation as Superintendent. Understands every detail of the management of a mill, making Fine	nial Exhibition Engine.	F. S. TAYLOR, G. A. CORSER,
1 Prints News and Writing 2740 3	Manillas, Book, Colored or News, and the working of the different vegetable fibres.	THE PATENT CONF WASHER	TAYLOR, STILES & Co., Musconetcong, N.J. A. HANKEY & CO., Rochdale, Mass.
nilla Hervelope Cuttings	Address during September, C. A. L., Box 1243, Busion P. O., Mass.	le comething anticaly now	LORDELL CAD WHEET COMPANY
hills Pagers, No. 1	Basten P. O., Mass. PTHE LANCASTER MANUFACTURING CO.,	Is something entirely new. What every Paper-Manufacturer wants and cannot	LOBDELL CAR WHEEL COMPANY,
mmon Papers	¹ of Lancaster, N. H., want a foreman for their	afford to be without. It will wash as fast as three of the cylinder washers	WILMINGTON, DEL. The Oldest and Most Extensive Manufacturers of Chilled Car Wheels in this or any other Country.
Leghorn Rags. P. No. 1 Linens	Straw Paper Mill. One who fully understands the business can, if the right man, have an interest in	so long in use, and one in an engine will do the work	EXTRACT OF AWARD ON CHILLED
S. No 2 Linens	the profits or a salary.	much better than five of the others. All paper- manufacturers know the importance of washing the	ROLLS.
No. 1 Cotton	TO PAPER-MAKERS AND DEALERS	lime from stock as quickly as possible. It is also a great improvement in the washing of papers. Good	The undersigned having examined the
No. 8 Cotton	ledge of paper-making, familiar with the details of business carried on by paper houses in the different cities, and a good salesman, would like to connect	second-hand washers for sale at a low price. Ad- dress J. T. EMERSON, Claremont, N. H., Sole Manu-	product herein described respectfully resum- mends the same to the United States Centennial
ston Plate	himself with a manufacturer or dealer; could make himself very useful, as he is a good judge of stock	facturer.	Commission for award, for the following rea-
1 Book, white and tinted 14 (5) 15	and other material, and a close buyer; or could as- sist in the management of a mill; a high salary not expected. Address	TISSUE PAPERS	sons, viz.:
e Book, white and tinted 11 a 12	expected. Address "PAPER," Office P. T. Journal.	of the CELEBRATED ENGLISH MAKE, Trade	This exhibit contains a stack of calender
ored Giazed Mediums 14 @ 16 g News, No. 1 9 @ 936	WISHING TO GIVE MY SON THE MAN-	Tissue, manufactured expressly for Jewelers' and Silver-Platers' use; guaranteed not to tarnish or	ing rolls intended to be part of a complete
Imary Rag News. 8/20 9 aw and Wood News. 7/20 7% ached Manila, No. 1. 8% 9	agement of my mill and business for a time I wish	discolor the goods. Sole Agent, FRED'K W. SMITH,	paper machine. These rolls are of cast-iron, chilled at the surface in casting, and thereby
inary Manila	to get a situation as foreman. Address	351 Canal St., N. Y.	made hard, like tempered steel. They are
aw Wrapping	JAMES HARPER,	ARVIS' DATENT FURNACE	separately ground according to a highly im
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