

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

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Trade Topics.

Special Report on Group XIII in the International Exhibition of 1876.

BY EDWARD CONLEY.

THE FIBRE EXHIBITS. [Continued.]

From the order Amaryllideæ, three specimens were exhibited-two from America, Agave Americana and Fourcroya gigantea. The third, Doryanthes excelsa, Spear Lily, is a native of East Australia, and somewhat resembles the last mentioned plant. Its leaves are one mass of strong fibre, which furnishes a good paper material.

In addition to these, were specimens belonging to various orders, nearly all the plants being natives of Australia. From the Native Bulrush, Typha angustifolia, an abundant supply of material is obtained suitable for packing paper, and apparently capable under favorable treatment of being made into the finer grades of paper. Fibre from the Jaggery Palm, Caryota urens, which grows on the northeast coast of Australia as well as in India, and also from Pandanus utilis, or Screw Pine. Paper from Juncus pauciflorus, which yields pulp suitable for fine paper, and also from a species of Swamp This latter material can be had in enor-Moss. mous quantities, as it completely covers the surface of the lagoons and is easily gathered. It furnishes material from which a strong packing paper is made. From Herotes longifolia, the Tuesock Grass of the colonists, a good packing ck Grass of the colonists, a good packing patter is also made. This grass grows abund-antly, attains considerable length, and furnishes a large percentage of fibre. From the bark of Pimelia axiflora, the Currijong of the natives, were specimens of both fibre and paper. This plant is peculiar to extra tropical Australia, and grows abundantly as underwood in the forests. It. has a smooth, brown bark, very tough, and yield ing a large amount of fibre suitable for paper of fine quality. Allied to this, but a native of South Africa is Dais cotinifolia, from which also a specimen of paper was shown. The bark yields a good paper material of fine texture and white The plants of this order, Thymeleæ, all color. ious fibres. Of fibres naturalized from New Zealand were specimens of paper from Pittosporum crassifolium, and fibre from the leaves of a species of Astelia. There were also fibres from two or three other naturalized plants, among which may be specially mentioned those prepared from the bark of Sparmania Af-This fibre is of a fine silky texture and a beautiful silvery white color. It is very easily prepared and suitable for textile fabrics, and hence indirectly available for paper stock. The plant produces two crops of canes a year, and they yield a large proportion of fibre. In addition to the fibres exhibited from Vic-

toria, there were also some from Queensland and New South Wales, but as they very much re-sembled those already mentioned, it is not necessary to give a further description of them.

In the Netherlands exhibit was quite a good display of fibres from their East Indian posions, the most of them from the Botanical Museum at Biutenzorg, in the island of Java. These included different varieties of the Muse, Malvaceæ, Urticeæ, Tiliaceæ, Sterculiaceæ, and others, all of which have been so fully described do not need further mention here. These islands. like all this part of the world, are rich in fibrous plants, that need only to be known and properly treated to be valuable as textile material The exhibit of fibres from China and Japan was small, both in number and variety. From China were several specimens of China Grass and Hemp, coir obtained from the outer covering of the cocoanut, and one specimen of Pineappl Hemp. The Japanese exhibit contained only ens of Jute, Musa and China Grass, and specin two other varieties of nettle. Spain exhibited several fibres, two of which, although well known, are worthy of especial mention. One Esparto Grass is a native of Spain; the other, Musa textilis or Manilla Hemp, is produced in its dependencies, the Philippine Islands. Esparto Grass, known botanically as Macvochlos tenacissima, belongs to the order Gramineze. It is found in Spain on all the lands facing and bordering the Mediterranean, where this wild grass or sedge is almost the only plant produced in the barren soil, but it gradually disappears as the fertile interior is reached. It has been long used by the natives for the manufacture of mats. baskets, etc., quite a trade being carried on in these articles. About fifteen years ago, the scarcity of paper material in England induced these articles. paper manufacturers to make the experiment of using Esparto. As it proved a success its use as pound. Surely this must be considered low. paper stock has continued ever since, and now

used as paper material almost any quality can be employed, and hence, only the wild grass has been manufactured into paper. Of late years the plant has been cultivated, which greatly improves it as a textile material; and it is now used in the manufacture of dress cloth, for some kinds of which it is said to be better adapted than cotton or flax. This cultivated Esparto is much more valuable than the wild, which latter is rapidly decreasing in quantity from a careless method of gathering, and consequently it is vearly becoming less available for paper stock. A variety known as Alpha Grass, Ligeum Span tium, is indigenous to the opposite coast of Af-rica, but it is inferior in quality to the Spanish Esparto The Musa textilis, from which the Manilla

large quantities are consumed in England,

France and Belgium for this purpose. When

Hemp or Abaca of commerce is obtained, is the most valuable of all the Musa family for its fibre-producing properties. In many respects its appearance differs entirely from other members of the Musa family. The fibre is round, silky looking, and nearly white. It is also very long one thread exhibited measured twelve feet, eight inches. It is obtained from the petioles of the leaves, and is of different degrees of fineness, the fibre from the interior being much finer than the exterior fibre. Unlike other plants of this family, the Musa textilis is not allowed to blossom, as the fibre is much weakened in the process The finer fibres are used for the manufacture of the most delicate tissues, the coarser for ropes cordage, etc. In the manufacture of strong paper this fibre is one of the best substitutes for lin that has been found. The cultivation of the plant has been successfully introduced in some of the West India index, and in India and the is-lands of the Indian Ocean it is said to grow as well as in its native islands. It is now one of the leading fibres of commerce, and the plants are cul-tivated on at least four hundred of the Philippine Islands. The whole of this Manilla Hemp pro duce is exported, the largest quantity to England, and some to the United States and Germany Many samples of this fibre were on exhibition. not only from the Philippine Islands, but also from India, Mauritius, West Indies, etc. There were also exhibited from Spain, fibres

of Palm and Palmetto, Junco and Nea, but the two latter of these have not yet been applied to paper stock.

[To be Continued.] -

British Trade Report.

The course of the paper trade since our last has continued to show the same depressed state and tendency to dullness, and it has been unbroken by the slightest sign of any recovery in any one of its branches. The depression existing in the other staple trades of the country continues to tell heavily against the consumption of paper, and demand for all kinds remains at a very low ebb; nor do the most hopeful of the prophets of the revival of trade venture to predict that any material improvement may be mmediately looked for, as the general busi of the country seems to be so much affected by so many unfavorable influences that any change for the better must be a matter of but slow growth. Be this as it may, the fact that is too plain is, that bad trade is generally prevalent, and that the paper trade is no exception to the rule.

The consumption of hand-made writing papers has been small as regards the home th. hipping not and for ordinary general requirements has been doing. No orders far any large parcels have been received, and makers generally-with the exception of one or two who are special in their pro ductions-have for the most part executed all arrears of orders, and are quite open to any others that may be forthcoming. Anything like pressure has entirely disappeared.

full the slackness of demand, and have not found the ready sale they lately did. It is the fact that these papers have lately been offering in fair qualities of good color and finish, and clean and well made, at 41/d. and 4d. per lb. nevertheless, they have not secured orders to any considerable extent.

There is nothing new to note in printing pa pers. The demand remains at the same dead minimum of level, without the slightest indica tion of returning buoyancy or reaction. The most favorite makers in the trade, that in prosperous times have orders "thrust upon them," do not now get enough to do with satisfactorily, and thinking that reduction of price does not increase consumption, refuse, as long as possible. to come down. The less favorite sorts have to be pushed on the market at almost any terms. and wholesale stationers we have found are not less inclined to "buy well" than other people when needy makers offer papers. And hence the market being so heavily over-supplied in the lower, middling, and common sorts, prices con tinue to turn against producers, and still droop.

The trade is quiet in small hands; demand is not good or active, but steady, and as there is no undue quantity of jobbing papers forced upon the market, prices have been about maintained. In brown papers, royal hands, &c., the trade

ntinues very slack, and as regards con browns, they have become a very drug in the The lowest kinds have been offering at £12 per ton, and common, and heavily clavedas they undoubtedly were-they contained quality enough to have found a ready sale at £16 in a healthy condition of trade.-P. M. C.

New Patents.

For the week ended March 13. No. 188.371. Paper-Pulp Distributers.-I. Jennings, Fairfield, Conn.

The article to be coated is placed upon a slow ly-revolving stand in front of the machine, and then, as the endless apron on the lower frame dips into the pulp-vat and brings up pulp, the spring-fingers on the drum throw the pulp at the object to be coated, assisted by air from a fanblower placed above the drum.

No. 188,378. Paper-Bag Machines.-S. L. King, Brooklyn, N. Y., assignor of part of his

right to J. R. Gilbert, Jersey City Heights, and L. D. Gordon, Jersey City, N. J.

The bag-tube is held in one pair of the revolving flaps. A pair of hooks open the end of the

tube, when the pasters and folders advance and form the bottom of the bag.

No. 188,406. Machines for Cutting and Winding Paper.-L. W. Pettebone, Niagara Falls, N. Y.

In a paper-rolling machine, the combination of a square-faced cutter, mounted upon a shaft, knives upon a shaft, a tooth and centre flange carried upon another shaft, the width of said flange corresponding to that of the piece cut from the centre of the web o. paper, and to the width of the cutter.

The Man Who Will Not Fail.

In attempting to lay before young men the true way to do business, I have held before them the fact that each of the steps is an important one in reaching the successful end ealth. The list of men who have started nav a dividend ! out in this path is a very long one; they who One of the mills connected with "the leading reach the goal are few in number. I think journal "finds business so quiet that one machine is running " browns."

Correspondence.

British Notes.

[FROM OUR REGULAR CORRESPONDENT.] 15A PATERNOSTER Row, London, E. C., March 19, 1877.

I have no better news of business this week Everything is very dull, and trade is dreadfully depressed. A very large maker, who could supply 2,000 reams of hand at a few days' notice. told me this morning he had not an order on hand. The finer papers are moving pretty freely, as the make is to a great extent confined to a few mills. The total output of the fine hand-made papers is small, and is not in such inordinate comparison with the demand. But the tons and tons of commoner papers which are flooding the market can't be sold.

There are at present 1,000 tons of foreign paper in the London market laying, as it were, in pawn, with 25s. per cwt. advanced upon it. It can't be sold, no advance being offered. Warehouses are full, stocks heavy and prices diminishing. Even small men-buyers of perhaps 10 or 20 reamsare wanting to do their business in printings at 314d., five off. This means about 32s. 8d., less five per cent. discount, and there can be no great catch at this for manufacturers. News sell at 31/d., 3%d., less 21/ and 5 per cent. discount. Some very fair book-papers are offering at $4\frac{1}{4}$ d. and $4\frac{1}{4}$ d., less 5 per cent. Everything is bad, and everybody likewise. Home markets of course are dull and inactive. Prices rule low. In a few cases, where certain goods have run out of stock, prices are high simply because the goods cannot be had. Several factories are working three-fourths time, and trade throughout the country is in a deplorable co

A correspondent informs me that Heywood, Higginbotham, Smith & Co., near Manchester, are about stopping for alterations and repairs. A new mill started on the 13th inst. at Shipley,

near Leeds, with a one-cylinder machine, 60 inches. The cylinder has a diameter of seven feet. They are making caps, and are running very well so far.

I hear that several mills are running short time, and that in one case the night shift have been discharged. At the latter mill much surprise has been expressed at this resolve, as busi-ness seemed very steady there. It appears that their produce has been 'cut out' in the London market.

The Catteral Paper Company have a good list of orders on hand which will give them work for ome time to come.

I note that a number of colliers are on strike at the Yorkshire pits. The masters want to reduce wages $10\frac{1}{2}$ per cent.; the men will accept $6\frac{1}{2}$ per cent. reduction. As yet no arrangement ha been come to.

I heard a rather good story this morning. A large paper company were very auxious to get their new machine to work before being interfered with by the River Pollution Acts, but at the meeting of the directors it was explained to them that they could not start until a 140-inch wire could be made. One of the directors-a specimen of the usual sort of presiding genii of limited companies-had an easy way of over-coming such a trifle: "Why not use two 70-inch wires !" said he, from the profundity of his intellectual depths. And yet people expect limited companies managed by such officials to

issue of March 3. I saw the mistakes also; but as they were chemical errors I passed them over, knowing the helpless muddle into which non-pro-

WHOLE NUMBER 153.

fessional people always get when writing upon these subjects. "Color" is wrong in his analysis of alum. It should be 111/2 parts alumina, equal to 37.8 of sulphate of alumina, $47\frac{1}{2}$ water, and $14\frac{1}{2}$ of sulphate of ammonia. The analysis may be put: Sulphate of alumina (containing alumina 11.45). . 37.88

ulphate of ammonia..... .47.58 Water.

Total100.00 "Color" says, "the balance being an insol-uble substance." This is a mistake. Common

alum contains no insoluble matter, being perfectly soluble in 16 or 17 parts of water. Further. alum is not a "perfectly neutral substance;" it is distinctly an acid salt. It is never used for "sousing;" such waste either bleaching, or even would be ridiculous. The Natrona alum requires no recommendation, I am sure; but it is no better than any other well-prepared aluminous cake All alums are alike, and all aluminous cakes are alike, and where one won't do for size the others won't do either. "Color" evidently knows nothing at all about alum or alum cakes, and not being a chemist he should leave chemistry alone, in public print. In an article on "Color-ing," "Color" says: "* * * To accomplish this, antichlorine (sulphate of soda) may be use "Color" does not even know what antichlor is, and is yet prepared to talk about it. Papermakers, as a rule, know nothing whatever of chemistry, notwithstanding there are so many micals, and, as a body, they are particularly modest about speaking on chemical subjects. I think everybody should at least understand the subject which he attempts to elucidate. Chem-istry is a very difficult and wide study, and nobody should write anything about it, or have anything to do with it, as an expositor, except he be a properly qualified man. Home Markets.—The coal market has fallen

slightly, and prices are: West Hartley, 16s. 9d. Wallsend-Hetton, 18s. 6d.; Hetton Lyons, 16s. 9d.; Hawthorns, 16s. 9d.; Lambton, 18s.; Origina Hartlepool, 18s. 6d.; South Hetton, 18s. 6d.; Tunstall, 16s. 9d.; Caradoc, 18s. 6d.; Hartlepool, 17s. 6d.; Tees, 18s. Ships at market, 47; sold, 21; contracts, gas, &c., 14 to 35; unsold, 12; at sea, 10

Mr. Knoblanch says, under date 17: "Nothing new is to report as having taken place in our market during the week. Business continues to be fair, and some good fresh orders have been forthcoming, both from America and from papernakers here. Rags.-The demand for all grades of spring linens is good, and of cottons the better ed stock was also well looked after. Gun ny, which has realized almost fancy prices, is not so much in demand now. Holders, however, will not vet sell at a reduction. Wastepaper moved freely, and last prices are willingly paid.

"Chemicals.—The market keeps steadily falling. Bleaching powder has been especially dull and has dropped 10s. per ton during last week. Trade at the various mills is dull, and of course raw material is not in such great necessity."

Cooper Bros. & Co., Newcastle-on-Tyne, re-"We have again to report that lower prices port: have been accepted, especially for bleaching powder, which has been sold at £5 10s. per ton, less 1½ per cent. discount for a large quantity, to clear stock. Jarrow D. P. alkali has also been reduced £2 per ton. We quote: Refined alkali, 50 to 52 per cent., 21/d. per per cent. soda ash, 48 to 52 per cent., 1%d. per per cent.; refined alkali, 57 to 58 per cent., £11 per ton. Soda crystals (gross), £3 10s.; bicarbonate soda, £10: bleaching powder, 35 to 36 per cent. £5 15s.; antichlor, £14; Jarrow caustic soda, 70 to 74 per cent., £16 10s."

The paucity of orders for machine-made writings has been more marked during the last month than for some time past, and the slack ness existing in other branches has extended more of late to this. There has been a great absence of orders for good parcels, and even orders for small quantities are not numerous The miscellaneous requirements of the retail trade are very limited, and hence the wholesale houses are most reluctant buyers, and stocks throughout the warehouses must be very low, as, except for some special inducement, they have long held off from free buying. Prices, although no actual reduction has been announced in the open market, are against makers in one way or another, as those who have required to make sales have been obliged to make some concessions in terms. We may mention that tub-sized papers-such as they are, and they are far from bad-may now be obtained in the regular way of business, on order, and not as jobs, at 5d. per Engine-sized writings have lately felt to the Southern States.

I have shown why this is so, and that their ruin came not from any fault of the business but from the very fact that they could not stand success. Overweening confidence in themselves and their luck, and anxiety to grow rich in one jump, land them where they properly belongin a salaried situation. But the man who con ducts his business with ordinary care and shrewdness cannot fail. There will be business losses, but he will have prepared himself for them. Goods will decline in value on his shelves. but he will have foreseen it, and be found with a small stock. Some seasons will be dull and trade much lighter than he had any reason to antici pate, but if he does not sell his goods to good men he has them on his shelves. He avoids speculation, ostentation, and keeps himself perfectly familiar with every detail of his business, and he invariably becomes a wealthy man. W. H. Maher.

The number of paper mills in the United States at the present time, according to Lockvood's Directory, is 984, and the number of firm 795. Of these 254 firms and 327 mills are located in the Eastern States, 328 firms and 360 mills in the Middle States, 155 firms and 179 mills in the

Western States, and 58 firms and 68 mills in the

As an instance of good management I will call your attention to Evnsham Mill (near Oxford). the property of R. Wakefield. This mill was a few weeks ago an old building, with a tiled roof in a very dilapidated state. All this has been pulled down, and a very handsome brick building now marks the site of the former one. Along the river front, flush with the water, is a landingplace, 170 feet long and made of concrete. new bridge has been erected to cross the river. and straw can be unloaded in the meadows and carried straight into the mill. The new foundations, walls, and half an acre of slate roof were all put into place during actual work, and the mill was never stopped for three days during the The arrangements were carentire alterations. ried out under the direction and immediate personal supervision of Mr. S. C. Wakefield and his foreman, and I think too much praise could hardly be bestowed upon such excellent direction as this. There is, moreover, another good thing

at this mill. A 54-inch machine has been, and is now, turning out fifteen tons per week of news and printings. I believe this to be about the best rork I have ever heard of from a machine of this size.

A constant reader of your journal finds fault with "Color's" article on alum, in your sion, and we are evidently fast approaching a

From Liverpool there is no change to report. Caustic soda, white, 70 to 72 per cent., £15; white caustic soda, 60 to 62 per cent., £12 12s. 6d.; cream caustic soda, £12 5s.; caustic soda bottoms, £95s.; bleaching powder, hard wood casks, £6; soft wood, £5 15s.; soda ash, 48 to 52 per cent., 7 13-16d. to 7%d. per per cent.; bichrome 41/2d.; sugar of lead, 37s.6d. Rosin is much firmer; 600 barrels sold here on Friday afternoon at 7s. 6d. to 8s. W. F. C.

15A PATERNOSTER Row, P. LONDON, E. C., March 26, 1877.

LONDON, E. C., March 26, 1877. 1 There is no improvement whatever in the general tone of business. During the past week I have heard no news of anything doing. The whole community has given itself up to the university boat race rather than sulk in the office waiting for orders which never, never come. Now the race is over, I don't know what we shall have to think and talk about. The Eastern qu estion again! War news seems to acquire more threatening form, and our trade is undergoing very

severe depression in consequence. The silence of our Government has caused a suspicious impres-

106

The paper trade is specially slack, and in Lon on plenty of foreign news can be had for 234d. This price is doubtless offered to clear heavy stocks. Ordinary news and printings of well-known regular makers are offered at 3½ usual There is fair business still in the fairer terms. sorts of paper. Hand-mades, drawings and writings are selling at wonderful prices, considering the state of affairs. The well-known marks are indeed driving a brisk trade. Our home markets are very dull, and for buyers very easy. A deal of business can be "arranged at easy terms just to keep factories going. Rags are this week down a little. There has not been such demand lately, especially for cottons and coarser linens. Jute is still in fair request, and esparto is about I hear there are large quantities of the same. grass in Liverpool Docks. Chemicals are still low, and at much the same prices as last week. Stocks have been clearing out, and better prices may be looked for.

My correspondents from Yorkshire and Lanca shire send me but little news this week. Brookside Paper Company's mill at Oswaldwhistle was closed a fortnight ago, unable to manage these hard times. They had two 72-inch machines, and made news, printings, &c.

The No. 1 machine at the Feniscowles mill is still standing, undergoing repairs. Work will commence again in a fortnight.

The Wakefield Express got into trouble the other day. In a report of a Sunday-school treat some remarks were made upon Mr Fogg's con-fectionery, so that neither the remarks nor the cakes were palatable. Messrs. Robinson & Son. the proprietors, had to pay £60 damages, and clear away any mistiness about Mr. Fogg's larder. I remember a similar case happening in the North, too. A benevolent grocer gave a treat annually to all children who could and would consume oranges "on the premises." By and by Mr. Smith's "home-made marmalade" was in abundant existence. Then some unholy critic goes and makes remarks as to the peel-less state of the premises next morning!

paper-dealing friend of mine has been and Manchester lately "on business, to reports trade there as "fearful." He says that all the commoner sorts of paper are offering at dirt-cheap rates. Good butter paper, 55 royal, at 25s., less 5 per cent., is an item he had to put up with, as against 31s., his own sample. There is an idea that the Lancashire makers will overdo the thing if they don't I suppose this means that the power of mind. production there will fail for want of raw material. Straw is awkward stuff to carry about, and long transit will become very expensive There is not too much of this useful fibre about the Lancashire mills; but then there are other better fibres which will carry more mineral matter. At the same time I can't help thinking that some of our Northern friends will have to 'pull up" before long-with their 140-inch and 160-inch machines. The Committee's Report of the "United Brotherhood of Paper-makers' So-ciety" is just issued. They state that owing to floods a great many members have been out of employment, and the result is that the so ciety is more that £8 short of paying its exes during the past quarter. Against this they have £30 in loans and arrears in subscriptions. Three deaths are recorded in the report. The committee have been negotiating for amalgamation with the "Mod-ern Society of Paper-makers," but there is some matter in dispute, and the subject has been allowed to drop. They also had some difficulty with the men employed at Tovil Mills. It appears the mill was stopped a week at Xmas, and a week's pay consequently; but it was urged that as it was holiday time, no serious loss resulted. The society is reported to be worth £65 only, including £30 arrears, &c., the bulk of which is in-vested in the Post-office Savings Bank. The society consists of 219 members, and its headquar-ters are at Snodland. With this information it is very clear that a "union" among paper-mak-ing employees is not to be feared. It is a very good job. Trades unions are the most mischiev ous combinations extant, and have been the means of much of the stagnation and decay of our home manufactures. Trade is driven away to other countries, and in the end the men will have to follow.

A writer in Mayfair says: "The Times is reducing the weight of its sheet. The reduction is hardly perceptible, but a paper manufacturer assures me that it has been going on for several months, and that the difference in the weight of day and its weight six months ago must, at the present price of paper, and with the present circulation of the Times, make a difference to the proprietors of £11,000 a year." This is equivalent to 1/2d. per copy, including the advertisement sheet. I hear that Bertram & Sons have been putting up two "double-wire machines" at a Scotch mill, and they are turning out fifty tons of boards weekly. I must confess I can't explain a "double-wire machine," so I give you the term as I heard it. The proprietors of the mill have patented the machine, and stopped its further entry into the trade for the present. I met a paper-maker this afternoon looking very lugubrious, and lamenting the state of affairs in general and his own in particular. He complains of "underselling" bitterly. His opinion is that if business does not improve no at Easter there will be no change until the autumn! Lively, very! Home Markets.-L. Knoblauch, King William street, E. C., says: " Trade during this week was not so brisk with paper manufacturers as before as manufacturers here complain of slackness, but from America some important orders were received, and prices are unaltered. Stocks here are small, so that there is no probability of a fall in prices. Rags—Fine and middled-classed vesterday," said the wearied waiter, "there was grades of strong linens were in fair demand as

being paid, which induces dealers to sell imme diately. Waste Papers—Of these few contracts worth noting were closed at full prices."

Esparto continues the same as last week, 10 guineas for best Spanish to £6 for Oran and the commoner kinds. Palm leaves are nominally at £5 per ton. Straw is dear at 70s, to 75s, per ton. Wood pulp sales are limited. Some Hull sales are reported at very low rates—£5 10s., landed

Chemicals are flat. Cooper, Brothers & Co., Newcastle-on-Tyne, say: "A fair business has been done at the reduced prices advised last eek, and some makers are now disposed to book forward contracts at prices a little above those now ruling. Soda ash has been freely sold at 1%d. per per cent., less a discount, at which it now stands, but bleaching powder and soda crystals are firm at our prices. In the former article large sales have been made, which has disposed of surolus stocks."

In Liverpool prices are firm, and the demand We quote: Refined alkali, 50 to 52 per good. cent., 2d. per per cent.; soda ash, 48 to 52 per cent., 7%d.; refined alkali, 57 to 58 per cent. £11; soda crystals, gross, £3 10s.; bicarbonate of soda, £9 10s.; bleaching powder, 35 to 36 per cent., £6; antichlor—English, £14; Jarrow caustic soda, 70 to 74 per cent., £16 17s, 6d.—all o. b. Tyne, less usual discount.

The following are Liverpool prices, all delivered f. o. b. Mersey, or usual allowance for being

on rail less usual discounts: White caustic soda. 70 to 72 per cent., £15; white caustic soda, 60 to 62 per cent., £12 12s. 6d.; cream caustic soda, 60 to 62 per cent., £12 5s.; bleaching powder, 35 to 36 cent., hard wood casks, £6, soft wood casks, £5 15s.; soda ash, 48 to 52 per cent., 1 13-16d. to 13gd. per per cent.; caustic soda bottoms, £9 5s to £9 10s. In other chemicals: Sugar of lead-white 37s. 6d., brown 27s., grey 31s.; bichrome, 41/d, to 4%d,: Venetian red, 5s, 6d. rose pink, 38s.; roseine, magenta, &c., 9s. 6d. to 16s. per lb. Rosin is steady at 5s. 9d; 500 bbls. sold in the week. Alum is at £7 for loose and £8 for ground. Aluminous cakes, £4 to £4 5s. W. F. C.

[SPECIAL CORRESPONDENCE OF THE JOURNAL.]

LIVERPOOL, March 22, 1877. Since I last wrote you (23d ult.), advices of ower prices on your side for gunny rags and other jute paper stock have stopped shipments to America, except of a few parcels contracted for before advices of the fall were received. Some of these parcels have gone to consumers on contract, and others were sold at a loss to the shippers. No new purchases are now being made, as prices here keep too high, showing a certain loss of £1 per ton to ship.

Our home trade is taking everything that comes to hand at full market prices. Manchester gunny will now cost £11 to £11 5s, per ton, exclusive of all commissions and charges, which cannot be put down at less than 10s, per ton.

In manilla rope, the demand for New York has fallen off, and exporters have recently had to sell at a loss in New York. The price, how-ever, is well maintained here, and likely to be, me trade is buying more freely, and other as ho foreign markets are buying freely at £1 per ton above prices that will pay to ship to New York. I know of 110 tons having been sold within the past fortnight at full prices. White hemp sto is scarce. Domestic rags are plentiful, but noth-ing so cheap as your city seconds. I recently saw a sample of these rags, and a dealer informed me that he had ordered 200 tons of them from New York if they could be guaranteed equal to sample. I have not heard the result of this order I am yours, &c.,

P.S.-There is evidently an error in your Lon don correspondent's quotation for gunny (February 19) £7 to £8 per ton, as I know of large sales at that date at £10 per ton. S. -----

Influence of Pressure on Combustion.

Some interesting observations have been made by M. Wartha on the influence of pressure on combustion. He observed the burning of six stearine candles in free air, and in an iron case under a pressure of 1.95 atmospheres. They burned under the pressure with a flame 31/ to 4% inches long, and gave much smoke; their inous power duminished, while the flame as hu sumed a yellowish-red color. The decrease of reight after one hour of burning was found to be less than in burning in free air. This last result is opposed to the observations of Frankland, who has affirmed that the consumption of the burning material of a candle, or the like, is not tion, until this final decision was reached, muletperceptibly dependent on the pressure of the medium in which the combustion occurs. It is supposed that the difference of pressure in Frankland's experiments (on Mont Blanc and at Chamounix) was not sufficiently great to give a dis-tinct difference in consumption of the burning matter. M. Wartha further put a candle to burn under an air-pump receiver, with special apertures; and with increasing rarefaction the flame was seen to enlarge, and its luminous power to diminish. At a pressure of 3¼ inches, the great-est rarefaction produced, the luminous power was quite gone, and the flame, which had now assumed threefold size, appeared to consist of three parts, an inner bluish-green cone with a violet sheath and a weakly violet mantle. The diminution of the luminous power in this case Mr. Wartha explains by the fact that, under less pressure, less of the products of combustion are separated in the form of soot.-Nature.

Manufacturing News.

EASTERN STATES The mills at Mill River, Mass., have again

started up. S. G. Trippe is running the Hayden Mill at Lawrence, Mass., formerly operated by George E. Davis.

The Crystal Spring Paper Mill at Bloomington, Ill., formerly run by Harms, Seibel & Co., is now operated by J. Felsenthal & Co.

The Fitchburg, Mass., Wood Pulp Mill, lately un by John Phillips, is now in the hands of Charles T. Crocker, and is not in operation.

D. D. Warren, Springfield, Mass., has leased the Middlesex Paper Co.'s mill at Pepperell, Mass. He is also running the Bondville, Mass. mill

The mill at Forboro, Mass., formerly run by W. T. Cook & Co. on carpet lining, has been leased to the American Moulding Co., of Boston.

The Flax Leather Manufacturing Company South Natick, Mass., is manufacturing leather board, and is able to turn out about 21/2 tons daily.

The bulkhead of the dam on the Farmington River at Rainbow, Conn., gave way on Wedesday night, March 28. The mills of the Spring field and Hartford Paper Companies and W. C. Hodge were partly flooded by the water. The giving way of the Little pond bulkhead changed its course and prevented serious damage. As it is, the loss will amount to several thousand dollars.

MIDDLE STATES.

I. D. Carter is now running the Marley Millsat Elkton, Md., under a lease from G. W. Childs.

The wood pulp mill at Mount Pleasant, N. Y., formerly belonging to the Ulster Co. Manufacturing Company, is now owned by Turck & Bur-It is idle at present. haus.

R. F. Hill & S. T. Murray have started up a mill at Niagara Falls, N. Y., under the name of the Niagara Falls Wood Pulp Mills. It contains two Otis wood grinders and a wet machine, and has an estimated capacity of five tons of wood pulp daily. The firm is represented in New York City by R. F. Hill, one of the partners, who has his office at No. 88 Wall street.

The Lobdell Car Wheel Company, of Wilmington, Del., was the first house to send chilled rolls to Great Britain. It is now running night and day to fill orders, which are being stantly received from abroad. These, added to their home orders, have forced the company to double the production of rolls within the past George G. Lobdell has had forty few weeks. four years' experience in selecting the iron, and attends personally to all details of the manufacture. This house not only manufactures its own rolls, but makes the iron from which the rolls are made

SOUTHERN STATES

Both of the paper mills at Richmond, Va., are ruuning full time, there being a plenty of water for driving and all other purposes.

The Union Paper Company is now operating the mill at Newnan, Ga., formerly run by F. C. Bright & Co. The post-office address is now Bowenville, Ga. F. C. Bright is the manager of the mill. The company is putting in a new and beating engine and a 66-inch Fourdrinier machine to replace the 36-inch cylinder formerly used.

WESTERN STATES.

The Menasha (Wis.) Paper Company is at presnt running its 68-inch cylinder machin wrapping papers.

Williams & Co., Davton, Ill., are the successors of William Farr & Co., whose post-office address was formerly at Ottawa, Ill.

A course of litigation that has been going on for about fifteen years between the Southworth Paper Company, of Mittineaque, and the Boston and Albany Railroad has reached a final decision in the United States Circuit Court of the State of New York in favor of the manufacturing company. This suit rose out of the burning in a freight-house near Albany of a shipment of paper to several Western stationers from the South worth Company, who at once sued the railroad company in behalf of their customers. The case has been carried through every possible stage of expensive and pretty continuous litigaing the railroad company for the entire loss with costs and interest. The prominent feature in this suit and decision, so far as the business public is concerned, is that it establishes the responsibility of railroads to shippers to make good any losses that may occur, while the goods are in their possession, either on the road or in their store-houses awaiting shipment to the place of destination. It also illustrates, the Southworth Company claim, the great injustice that a large corporation may do its patrons, by keeping under pay eminent legal counsel to contest almost every suit for damages, thus postponing even just claims by all the delays that the slow processes of the courts render possible



FOURDRINIER FELTS. Coarse and Fine CYLINDER WET FELTS Press Felts & Jacketing. F. GRAY, O'FERRALL & CO., Piqua, Ohio.

We warrant every Felt to work well, and if it does not, it can be returned.

SATISFACTION GUARANTEED. Mor In ordering Felts, give kind of Stock used, and quality of Paper made.

[From The Paper Trade Journal of March 4, 1876.] MIDDLETOWN, O., February 23, 1876.

MIDDLETOWN, O., February 23, 1876. To the Etitor of The Journal: Much has been said in former numbers of THE JOURNAL about the running and durability of cyl-mior long felts. GRAY, O'FERRALL & Co. are sup-plving the best cylinder long felt I have ever hat hey deoidedly exceel. They keep their width under a reasonable strain, and when kept cienn never ruble with wind marks, never zet slack in the middle or edges; in fact, they make paner, with or dinary care, mult they are entirely worn out, and i ursatisfactory working felt of any other make, to try one, and by all means to do so if there is a no-cessity for fast running. J. W. B.





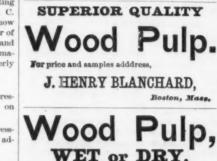
LEADING MANUFACTURERS and others who have tested it emphatically pronounce it, in all re spects, the BEST BELT FASTENING in use.



This cut o

For sale by the TRADE. Specimen Hooks and United Belt Ends mailed when requested. Address, CHAMPION BELT HOOK CO., 87 Liberty street, New York.

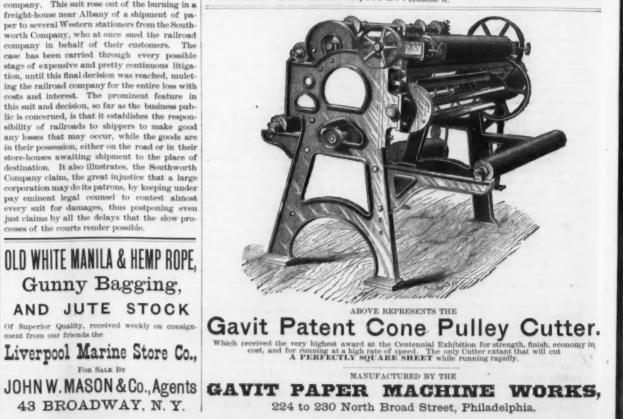
87 Liberty street, New York. [From THE CLARK THREAD Co., Newark, N. J.] "We have thoroughly tested your Belt Hooks, and we think it the best belt fastening we have ever used."



Delivered in any part of the country, in quantities to suit

IRA L. BEEBE,

60 Duane Cor. Elm St., N. Y. where the Pump can be seen by parties



Bagley & Sewall's Rotary Force Pump



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

IN PAPER MILLS.

THE FAFEK 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, less power than any Rotary Pump now in use.) Its Action is Positive, given an Even and Continuous Stream, being perfectly balanced in the water. Its Steff-Packing Match Joints, requiring no Packing or Stuffling Boxes. Its Ready Accessibility of Parts, without breaking joints on pipes in taking apart, All Parts are made to an Exact Gauge, corpord-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 short, we give it our unculative indonesement. Yours, &c., HIRAM REMINGTON, President.

Yours, &c., HIRAN HEARING, October 4, 1876. WEST CUMMNOTON, 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.

F. A. BATES. OFFICE OF THE REMINOTON PAPER Co., 1 WATEFOW, March 20, 1875. 1 We have used two 2-inch Pumps for the past ten months, as Suction or Vacuum Pumps, on our two 84-inch Fourdrinier Machines with entire satisfaction. For this purpose, or for raising and forcing water for general purposes, we regard the Green Pump 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., MONTREAL December 11, 1876, { DEAR SIR-The Bagley & Sewall Pump we are now using for pumping strong Caustie Alkali 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 casily managed. Yours truly. Yours truly, CANADA PAPER CO., Wm. Angus, President.

PATERBON, N. J., October 11, 1875. Sum-The little Rotary Fire Pump (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, 1½ inch nozzles, from which I am able to throw two streams at once, each 125 feet. J. SWINBURNE.

WATERTOWN, March 23, 1875. In an experience of fifteen years we find this to be decidedly 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 ENTIRELY PLEASED US. YOURS TURY. KNOWLTON BROS,

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 used for. s used for. JOHN. A. DUSHANE & CO. Manufacturers.

WINCHESTER PAPER COMPANY WINCHESTER, Va., September 14, 1875, f 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.

CHEAPEST PUMP IN THE MARKET.



-----Happiness consists in enjoying that which we have that is enjoyable.

A female from the country called for a Welsh rabbit at a Washington street restaurant, and denounced the waiter because there was no part of a man in here who growled because there was a well as low-graded cottons; the better classed hare in the butter; can't please 'em all, any cottons were not much inquired after. Gunny way."-Boston Bulletin.

OLD WHITE MANILA & HEMP ROPE, Gunny Bagging, AND JUTE STOCK

Of Superior Quality, received weekly on consign ment from our friends the Liverpool Marine Store Co., FOR SALE BY 43 BROADWAY, N.Y.

THE PAPER TRADE JOURNAL.

DIRECTORY.

NEW YORK HOUSES.

ANDERSON, J. F., JR., & Co	., 34 Beekman st.
BEEBE, IRA L.	60 Duane st., cor. Elm.
BEEBE & O'CONNELL.	78 Duane st.
BENEDICT & HIGHET,	118 William st., N. Y
BUCHANAN & CO.,	38 Rose st
COBB, A. H.,	16 Reade st.
GOODWIN, JAS., & CO.,	42 Duane st
HAND & ELLSWORTH, 51 B	eekman and 81 Ann sts
HARD, MELVIN & SON,	25 Beekman st.
HEWITT, C. B., & BRO.,	48 Beekman st
HULBERT, H. C., & CO.,	13 Beekman st.
LINDENMEYR, HENRY,	15 and 17 Beekman st.
MYERS, B. & O	16 Beekman st
MURPHY, JOHN J.,	47 John and 5 Dutch sts
PARSONS, W. H., & CO.,	74 Duane st
PERKINS & GOODWIN,	84 Duane st
WATSON, GEORGE, JR.,	63 Beekman st

nags and rap	er Stock.
ATTERBURY BROS.,	460 Pearl st.
BRIGGS & TAYLOR,	60 Duane st.
BUTTERWORTH & SMALL	EY, 32 Beekman st.
KEENAN, OWEN & CO.,	395 Pearl st.
KILDEA, PATRICK, 17	1 and 173 Christopher st.
LYON, J. W., & CO.,	35 Park st.
MASON, JOHN W., & CO.,	43 Broadway.
O'MEARA, M.,	27 Centre st.
SMITH, THOMAS,	30 Hester st.
WARD, OWEN.	448 & 450 West 39th st,
the second se	

Paper-Makers' Chemicals a	nd Colors.
PENNSYLVANIA SALT MFG. CO., 140 S. Delaware av., Phila., Pa., 59 M	aiden lane, N.Y
WM. PICKHARDT & KUTTROFF,	98 Liberty st
RIKER, J. L. & D. S.,	45 Cedar st

Paper-Makers.

ORRS & CO., Printing and Hanging Mills at Troy, Office, 39 Park Row, New Yorl				
Jute Butt B	Irokers.			
CABOT, BOWLES & CO.,	85 Beaver st			
LACEY, POPE & CO.,	138 Pearl st			
Straw Bo	ards.			
HAYES, JAMES E. & CO.,	75 Duane st			
LINDENMEYR, HENRY,	15 and 17 Beekman st			

Paper-Making Machinery.

raper-making ma	chinery.
CURRIER, CYRUS,	Newark, N. J.
DANIELS MACHINE CO., Rag Cu	tters, Woodstock, Vt.
GAVIT, NELSON, 224 North Bro	oad st., Philadelphia.
HOLYOKE MACHINE CO.,	Holyoke, Mass.
MOHAWK & HUDSON MFG. Co and Eddy Straightway Valves,	O., Paper Machinery Waterford, N. Y.
POOLE, J. MORTON. & CO.,	Wilmington, Del.
PUSEY, JONES & CO.,	Wilmington, Del.
RICE, BARTON & FALES MA	CHINE AND IRON Worcester, Mass.
SHERIDAN, E. R. & T. W.,	25 Centre st., N. Y.
SMITH, WINCHESTER & CO., S	South Windham, Ct.
Water Whee	ls.
POOLE & HUNT,	Baltimore, Md.
STOUT, MILLS & TEMPLE,	Dayton, O.
Wire Cloth	
CABBLE MANUFACTURING CO)., 43 Fulton st., N. Y.
MACREADY, H. A., 1411 & 1412	Vine st., Phila., Pa.
THE SELLERS MFG. CO., 707 M	farket st., Phila., Pa.
Felts and Felt	ing.
BULKLEY, DUNTON & CO.,	74 John st., N. Y.
GRAY, F, O'FERRAL & CO.,	Piqua, O.
HEATHCOTE, L. K., & CO.,	Glen Rock, Pa.
WATERBURY, H., & CO., R	enssellaerville, N. Y.

Rolt Hooks

WILSON,	GREENLEAF,	Lowell, Mass.
	Paper Mill	Insurance.

Lead Pencils Paper Steel Pens. Stationery Clay. Jute Butts. Jute Rejects. Paper Hangings Paper Stock Wante Total TOTAL IMPORTS. March 30. March 30. Paper, Paper Stock, &c., for the year end-ing May 32, 1873. Paper, Paper Stock, &c., for the year end-ing May 32, 1874. Paper, Paper Stock, &c., for the year end-ing May 32, 1875. Paper, Paper Stock, &c., for the year end-ing May 30, 1876. Paper, Paper Stock, &c., for the year end-ing May 30, 1876. Paper, Paper Stock, &c., for the year end-ing May 30, 1876. Paper, Paper Stock, &c., for the guarter ending Aug. 35, 1876. Paper, Paper Stock, &c., for the quarter ending Nov. 34, 1876. Paper, Paper Stock, &c., for the quarter ending Nov. 34, 1876. Paper, Paper Stock, &c., for the quarter ending Feb. 23, 1877. 1013,867 ending Feb. 23, 1877 Paper, Paper Stock, &c., for the week end-ing March 2, 1877 Paper, Paper Stock, &c., for the week end-ing March 9, 1877 Paper, Paper Stock, &c., for the week end-ing March 16, 1877 Paper, Paper Stock, &c., for the week end-ing March 23, 1877 IMPORTS of Rags and Paper Stock at the Port of New York, since Jan. 1, 1877, from the following Ports, showing quantities from each Port. Rags. Paper St'ck. Man Bales. Bales. Alexandria. 4.714 Antwerp.... 1.847 Breme 386 665 Calcutta 1,813 Glasgow Genoa. 534 Hamburg . 112 Havre. 797 Havana ... 24 Hayti. -Hong Kong. Hull..... Konigsberg. 1.595 1,219 1,510 1,280 Leghorn..... Liverpool.... 2,597 18 10,816 London 2,650 Naples. 200 Newcastle. St. John's. Trieste ... 855

PAPER, BOOKS, CHEMICALS, &c.

_

-\$217,056

592

206,436

181,551

162,597

265,357

185

144

3,608 61,071

Special List of Imports of Paper Stock at the Port of New York for the month ending March 31, 1877.

Paper Mill Insurance.	March 31, 1877.			
ANDERSON & STANTON, 120 Broadway, N. Y.		Rags. Bales.	Old Papers, Bales,	Manila Bale
	Briggs & Taylor			5
BOSTON HOUSES.	Campbell, Hall & Co			-
BLANCHARD, J. HENRY, Chemicals and Wood Pulp, 42 Batterymarch st.	W. I. Clark L. Congdon		1,348 91	
CHICAGO HOUSES.	Cumming & Lockwood W. O. Davey & Son		7 123	2
CLARKE, FRIEND, FOX & CO., Paper Manufac- turers and Dealers, 150 and 152 Clark st.	Henry Eggers	28		_
GILBERT, WM.,&CO., Wholesale Dealers in Paper and Woolen Manufacturers' Materials, 11 & 13 Market st.	Fabbri & Chauncey Hugo Fett	309		
	F. A. Gross			2
CINCINNATI HOUSES.	Hagemeyer & Brunn Chas. F. Hardy	175		
BENJAMIN, B. & CO., Paper Stock.	H. C. Hulbert & Co			_
206 to 226 West Third st., and 39 to 57 McFarland st.	Isaacs & Vought	46	29	
PITTSBURG HOUSES.	Jessup & Moore			
	Owen Keenañ & Son			-
HARRISON, JAMES, Wholesale Dealer in Paper and Paper-makers' Material. 102 Second av.	Lee & Sturges Lyon & Craig		2,944 379	2
MARKLE, C. P. & SONS, Manufacturers of Printing Paper and Glazed Hardware, 126 Second av.	John W. Mason & Co B. Mills & Sons.	612	1,910	90
ruper and chazed rundance, ray become arr	W. H. Parsons & Co		1,211	3
PHILADELPHIA HOUSES.	Jonas Phillips			_
BAKEWELL, ALLAN C. & CO., Printers' Supplies	Recknagel & Co		89	-
and Paper Warehouse. 75 Wood st.	M. A. Ring & Co	-	181	
BARBER, J. & J. S., Paper Stock and Binders' Boards,	F. S. Robinson			
621 and 623 Commerce st.	N. Semoni			-
DITMAN, J. G. & CO., Wholesale Paper and Rag Warehouse, 30, 32 & 34 South 6th st.	E. Storey Smith Geo. Stratford		561	4
ELLIOT, A. G., Paper & Paper Stock, 26 S. Seventh st.	Toel, Rose & Co			
	George Watson, Jr		637	-
JESSUP & MOORE, Domestic and Foreign Rags, 27 North 6th st.	Wilkinson Bro. & Co			
MORRISON, BARE & CASS, Paper Manufacturers and Dealers, 47 Wood st.	Woolworth & Graham Totals	-	87	3,9

IMPORTATIONS OF PAPER STOCK, rms.; to Porto Rico, 750 rms.; to Mexico, 1,850 rms. 124 pkgs. : to Venezuela, 15 pkgs. : to Chili, 31 cs. STATIONERY, to British West Indies, 30 bxs.; to

IMPORTS of Paper and Paper Mat &c., at the Port of New York, s ended March 30, 1877. Quantity g ages when not otherwise specific	for the	week	Paper, reams Paper, pkgs Paper, cases		\$3,665 2,415 2,402
Aniline Colors	45	\$7,856	Books, cases Rosin, bbls		5,775 22,987
Alum	495	2,848	Stationery, cases	39	1.076
Aluminous Cake	249	2,165			
Bleaching Powders	64	804	Totals	19,650	\$38,320
Soda Ash	64 154 58	14,096 963 13,010 8,941 3,076 18,335 2,864	TOTAL EXPORTS. General Merchandlse, for the week em April 3. Paper, &c., for the year ending May 27, Paper, &c., for the year ending May 39, Paper, &c., for the year ending May 39, Paper, &c., for the year ending May 39, Paper, &c., for the quarter ending Aug 1876 Paper, &c., for the quarter ending Nov 1876 Paper, &c., for the quarter ending Nov 1876 Paper, &c., for the quarter ending Fel 1877 Paper, &c., for the week ending Mar. 13, Paper, &c., for the week ending Mar. 13, Paper, &c., for the week ending Mar. 14, Paper, &c	1873 1874 1 1875 1876 22, 24, 24, 27, 1877	3,901,319 2,889,482 1,783,876 2,327,682 1,654,384 465,564 500,164 434,742 19,435 26,463
Engravings	15 60	4,962	Paper, &c., for the week ending Mar. 20, Paper, &c., for the week ending Mar. 20,	1877	52,914 26,318
Lead Pencils	3	345	NEW YORK IMPORT		asjore
Paper!e	50	9,635	FROM MARCH 31 TO APRIL 5, INC.	LUSIVE	ε.
Steel Pens			Hide Cuttings.		
Stationery	177	4,446	E. Storey Smith, Southern Chief, Live E. Storey Smith, Caravan, Liverpool,		
Clay		4,466	W. H. Parsons & Co., Britannic, Live		
Jute Butts	9,493	55,908	E. Storey Smith, Steinman, London,		g8.

Jute Butts. H. H. Crocker, E. Percy, Calcutta, 900 bs. jute butts. *Paper*. E. Fougera, Canada, Havre, 6 cs. A. & C. Kaufmann, Cimbria, Hamburg, 1 cs. F. S. Kinney, by same, 2 cs. Henry Bainbridge & Co., Canada, London, 2 cs. Coffin & Lyon, by same, 12 br. Thos. Faye, by same, 2 cs. hangings. Henderson Bros., Bolivia, Glasgow, 2 cs F. C. Lewis & Co., Holland, London, 1 cs. B. Budde, Rhein, Bremen, 1 cs. Spooner & Bauer, by same, 1 cs. Geo. Mier & Co., by same, 1 cs. Calhoun, Robbins & Co., by same, 1 cs. C. Kaufmann, by same, 1 cs. E. & H. T. Anthony, by same, 2 cs. Drevfuss & Sachs, by same, 3 cs. E. C. Bechet & Co., St. Laurent, Havre, 1 cs.

 B. Benith, Britannic, Liverpool, 7 bs.
 B. Ilifelder, by same, 3 cs.
 Brown Bros. & Co., Russia, Liverpool, 1 cs. Legenhard, S. & Co., Rhein, London, 2 cs. . Dejonge & Co., Gellert, Hamburg, 2 cs. Reubens & Co., by same, 3 cs. L. Dejonge & Co., Idaho, Liverpool, 3 cs.

Rags, &c. W. H. Parsons & Co., Canada, London, 114 bs. paper stock.

er stock. Campbell, Hall & Co., by same, 98 bs. rags. W. I. Clark, by same, 383 bs. paper stock. Briggs & Taylor, by same, 118 bs. paper stock; 39 bs. old bagging; 77 bs. old rope junk. John W. Mason & Co., by same, 586 bs. gunny rags; 139 bs. manilla rope; 120 bs. old papers. W. H. Parsons & Co., Rhine, London, 392 bs. paper stock; 101 bs. rags. Lee & Sturges, by same, 343 bs. rags. W. O. Davey & Sons, by same, 34 bs. paper stock. 237 bs. old junk.

- G. Stratford, by same, 67 bs. rope junk. Geo. Watson, Jr., by same, 42 bs. paper wa O. Keenan & Son, Britannic, Liverpool, 36 bs. pa
- er stock; 32 bs. rags. W. I. Clark, by same, 25 bs. paper stock
- 16
- John W. Mason & Co., State of Nevada, Glasgow, 155 bs. rags; 13 coils old rope. Woolworth & Graham, by same, 37 bs. paper stock, W. I. Clark, by same, 50 bs. paper stock. 327 John W. Mason & Co., Southern Chief, Liverpool.
- John W. Anaon & Co., Southern Chief, Liverpool, 40 bs. rope junk.
 E. Storey Smith, by same, 333 bs. paper stock.
 John W. Mason & Co., Emerald Isle, London, 97 bs. 4,494
 - rope junk.
 W. O. Davey & Son, by same, 94 bs. rope junk; 35
 - bs. paper waste Campbell, Hall & Co., by same, 103 bs. rags
 - Lee & Sturges, by same, 157 bs. rags; 66 bs. old papers
 - John W. Mason & Co., Utopie, London, 90 bs. old
 - ope; 263 bs. old paper. W. H. Parsons & Co., by same, 97 bs. paper stock. O. Keenan & Son, by same, 13 bs. paper stock. Briggs & Taylor, by same, 872 bs. paper stock. John W. Mason & Co., Idaho, Liverpool, 267 bs. pa-
 - per stock.
 - Briggs & Taylor, by same, 29 bs. gunny rags. W. H. Parsons & Co., California, Glasgow sgow, 65 bs paper stock. E. Storey Smith, Caravan, Liverpool, 238 bs. rags:
- 86 bs. old paper; 20 bs. bagging. Briggs & Taylor, by same, 49 bs. rope. Campbell, Hall & Co., Lohengrin, Konigsberg, 1,280 bs. rags
- Geo. Watson, Jr., Hudson, London, 129 bs. paper Campbell, Hall & Co., by same, 115 bs. rags. 230
 - E. F. F. Knehl, Tybee, Hayti, 16 bs. old junk

BOSTON IMPORTS IMPORTATIONS of Paper Stock, Chemicals, &c., at Port of Boston, from March 30, 1877, to April 5, 1877, inclusive. Books, &c. Books, &c. J. C. Brown, Atlas, Liverpool, 1 cs. Savory & Co., Minnesota, Liverpool, 1 cs. Paper, C. A. Hastings, Minnesota, Liverpool, 1 cs. Paper Stock. S. D. Warren & Co., Sarah Gilmore, Alexandria, 723 S. D. Warren & Co., Istrian, Liverpool, 146 bs, rags C. C. Herald, by same, 118 bs. rags. Morey & Co., by same, 56 bs. rags; 65 bs. paper stock. Warren & Co., Minnesota, Liverpool, 233 bs. paper Warren a. Co.,
 Warren a. Son, by same, 234 bs. paper stock.
 M. A. Ring & Sons, by same, 234 bs. paper stock.
 M. Beaching Powders.
 Bleaching Powders. per stock. Bleaching Powders. S. D. Warren & Co., Istrian, Liverpool, 63 cks. A. W. Schulenburg, by same, 18 cks. J. L. & D. S. Riker, Minnesota, Liverpool, 278 cks. Warren & Co., by same, 105 cks. Caustic Soda. Warren & Co., Minnesota, Läverpool, 200 drums. Narren & Co., animesota, Laverpool, 300 drums. Soda Ash. A. W. Schulenburg, Istrian, Liverpool, 79 cks. J. L. & D. S. Riker, Minnesota, Liverpool, 10 cks Warren & Co., by same, 163 cks. W. B. Reynolds & Co., by same, 83 cks. M. D. Reptona & Co., Viltramaria, et al. *Witramaria*, Liverpool, 10 cs. *Venetian Red.* Morey & Co., Minnesota, Liverpool, 200 bb's.



CHILLED ROLLS UNEQUALED IN QUALITY AND GROUND AS PERFECTLY AS ANY OTHERS GEO. G. LOBDELL, Pres. W. W. LOBDELL. Sec. P. N. BRENNAN, Treas. JESSUP & MOORE, 27 North 6th Street, Philadelphia. DEALERS IN DOMESTIC & FOREIGN RAGS. OFFER TO PAPER MANUFACTURERS Country White or Mixed Rags at a Small Advance on Cost. BRIGGS & TAYLOR,

RAGS and **WASTE** PAPERS.

ST. LOUIS HOUSES.

GRAHAM & BRO., H. B., Paper Warehouse and Stock

MAYER, A. B., Rags and Paper Stock Dealer. 1014, 1020 & 1022 N. Twelfth st

EXPORTS of Paper, Books, &c., from the Port of New York to Foreign Ports, for the week ended April 3, 1877, with Aggregates and Values.

BOOKS .- Cases, to Hamburg, 1; to Bremen, 4; to

 MANUFACTURERS.
 DorAs.—Cases, to Hamburg, 1; to Bremen, 4; to Liverpool, 15; to Cuba, 2; to Chili, 3; to Liverpool, 15; to Cuba, 2; to Chili, 3; to Mexico, 2; to United States of Colombia, 26.

 CLAREMONT MANUF'G CO., Claremont, N. H.
 WALSH, J. DEWITT, & CO., Blue Writing Paper, Newburg, N. Y.
 PAPER, to Hamburg, 22 cs.; to Liverpool, 45 pkgs.; to British West Indies, 29 rms.; to British Guinea, 500



Importer of California Rags AND DEALER IN WOOLEN AND COTTON BAGS, & All Kinds of Paper Stock. 362, 365 & 367 Third Street, Between Avenue D and Lewis St. NEW YORK. BLUE PAPER. TIEMANN'S SOLUBLE PLUE RED AND BLUE ANILINES. J.H.TIEMANN&CO. 56 Murray Street, New York.

108

JOURNAL PAPER TRADE THE

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

NEW YORK: SATURDAY, APRIL 7, 1877.

Advertisements cannot be received for insertion in the current week later than 9 A. M. on Friday charge for advertising is 25 cents a line, each inser Special terms for standing and displayed ad-sements 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 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 and processes for making paper, experiments with new fibres and other materials, a record of the water 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 spared to make these accurate and complet Subscription and postage for Great Britain £

per annum scription and postage for France, per

25 france Subscription and postage for Germany, per

8 thaler Foreign subscribers may address our New York

Communications on matters of interest to the trad are earnestly 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.

All

No. 74 Duane street, N. Y

TO CORRESPONDENTS.

As THE PAPER TRADE JOURNAL is the recognized vehicle of communication in matters of trade interest, we will be glad to receive correspondence from all parts of the country. Information and sugges tion upon paper-making topics are especially valuable, and manufacturing news and personal items are equally acceptable.

WHO will furnish postal cards, double tint, of the quality selected by the Government, at less than \$1.25% per thousand? Going ! going ! gentlemen.

IT will be seen from the report printed elsewhere that the Postmaster General has declined to receive the bids for the postal card contract, and that he will readvertise for proposals.

WE fully believe in Mr. Key's intention to conduct the Post-office Department independently of all rings, and that he may be relied upon to jealously watch the interests of the people; but there is just a little suspicion that in this instance he has been imposed upon.

THE charge made by the Washington correspondent of the Tribune seems to us, from what we have learned of the situation, and from a general knowledge of the paper trade in this country, not to be strictly well founded. Indeed, it has the appearance of being put forth in behalf of other interests. which are just as open to the imputation of a ring combination as those alleged. The double-tinted board of which the Govern ment had samples is not so peculiarly constructed that it can only be made by one manufacturer. We are told that at least three of the competing bidders declared that they could make similar goods, and we are sure that there are several manufac turers whose care, intelligence, and means are of that order that they can supply the demand for such board on short notice.

apparently different parties were made at various figures, and in the same interest. In no other way could a ring be formed with a certainty, or even a fair chance, of success. If this view is correct, the absurdity as well as the injustice of the charges made against Messrs. Wilkinson and others is apparent. The bids were not opened. and there is nothing to prove that there was any combination except in the suspicions of rival bidders, some of whom found themselves unable to manufacture goods like those which the Postmaster General had selected for samples. We are told that the double tinted board can be supplied at a lower price than the present cards, which now cost \$1.39% per thousand. The change in that respect would be an advantage, and in the

quality of the stock a decided improvement. We have a sample of the doubletint board before us, and do not wonder that the Post-office Department gave it a preference. It is an excellent article, and is creditable to the maker. Some of the manufacturers present at the meeting at

Washington declared their ability to make similar goods, and of an equal texture, and we are certain that Mr. Wilkinson cannot, nor does he, monopolize the means for such manufacture. It is not true, however, that this was the only selection made. Other samples were given out, and we believe that the Government had nearly a month in which to take its choice from those submitted. What undue influences have been at work are not quite plain, except that it may be fairly assumed that the Tribune correspondent has been using his pen in behalf of other parties to whom he is allied in sympathy. It looks now as if there had been "too much cry and too little wool" on this subject, and that the Government has been put to a needless expense of \$8,000 for advertising to gratify a few disappointed cavilers.

PAPER STOCK IMPORTS.

The total imports of rags and paper stocks at the port of New York during the month of March. 1877, were 19,837 bales, an increase over the corresponding month last year of 6,677 bales, old papers being larger by 4,663 bales, manilla stocks larger by 2,701 bales, and rags less by 687 bales. The figures in each class of stock for the month of March for the three years are as follows:

1877. 1876. 1875. 5,852 6,539 11,796 5,334 1,287 9,997 2,898 Papers.... Manillas... 3,988 705 19.837 13.160 15.394 The arrivals from the different ports during March were : London-1.639 bales rags. 6,380 bales waste papers, 2,305 bales manilla stocks: Liverpool-225 bales rags, 148 bales waste papers, 1,013 bales manilla stocks ; Hull-826 bales rags, 223 bales waste papers, 52 bales manilla stocks ; Glasgow-335 bales rags, 827 bales waste papers, 172 bales manilla stocks; Bremen-286 bales rags,

244 bales waste papers, 53 bales manilla stocks; Antwerp-52 bales rags, 757 bales waste papers : Havre-588 bales rags, 397 bales waste papers; Leghorn - 710 bales rags; sundry ports-1,191 bales rags, 1,021 bales waste papers, 369 bales manilla stocks. The imports of paper stocks at the port

of Boston during March were: Rags, 3,573 bales; old paper, 2,169 bales; manilla stocks, 07 hole atal of 5 890 halo

"Admire the Result."

To the Editor of The Journal: "Jack" seems to stik to the old idea that

when the paper carries more water on one side of the machine than the other, the fault, if any, is in the machine not being level. I am sorry to say that I cannot agree with "Jack" on that point. We all know that water will run to the low side. but when mixed with pulp, and the distance so short, it is scarcely possible that the water could leave the pulp in so great a hurry. If "Jack' should come across a machine of that descrip tion again, let him raise the first slice and lower the second on the wet side of the machine and admire the result. AMBOY.

Smart Machine Tenders. To the Editor of The Journal .

It is a mistaken idea, but one which seems to prevail, that men who are light afoot make the best machine tenders. I have seen enough during the last twelve months to convince me that more depends on brains than agility. It is seldom we find a good machine tender runnin around a great deal, while the inexpert hand is eternally on the do, and the general opinion of utsiders is that that must be a very smart man. See how nimbly he runs from one side of the machine to the other ! To aid him in his efforts he is going it without boot or hat, while a little head work would relieve him more than anything else. Such men never stop to think or read THE JOURNAL, and the result is they never know anything. One-half of the extra labor to inexperienced machine tenders is often the result of carelessness in neglecting to see that certain portions of the machine-especially the press and calender rolls-are properly oiled.

TRENTON. P. M. P. U.

To the Editor of The Journal :

According to promise I forward (as far as can be ascertained) a statement of the funds and expenditures at the dissolution of the Paper Makers' Protective Union. The sum appe to each name shows what each was entitled to according to the Holyoke standard-70% cents per month for each month that he was connected with the organization. Whether each received the amount set opposite his name will be a subject for after consideration. The last report issued stated the assets, with all debts paid, to be \$1,775.91 cash on hand, and \$9.50 to be collected from members who were from one to two months in arrears. Two months more of eighty-four members and three apprentices amounted to \$85,50, making alto gether-if the thing was done up straight-\$1,870.91

ndr

ough \$22,60 Lawrence O'Neil, Sr. W. H. Gooden I. L. Mercier. 22.60 John Reavely. 21.18 Joseph Moore ... Matthew Lorty 22.60 James Watt 21.18 22.60 Edward Millb E. A. D. Wilson 22,60 Amos P. Joslín 20,48 22.60 William Howard 20,48 Thos. Chalmers Timothy Mullins... Alexander Skinner w B. Crip \$2,60 20.48 John Jack. 22,60 John Moore. 22.60 Robert Warner. 22.60 John Foley..... 22.60 William Leishnan 22.60 Patrick McCabe.. Thos. Walla Edward Finla James Skinne Charles Atkins. 22,60 James Burns. ran Ryan 22.60 John Donaldson Thos. McCroh Thomas Rae Jesse H. Hewlett 22.60 Alexander Grosset. Richard Foley 22.60 James Wallace.... 22.60 Robert Horsburgh. Joseph Steven James Ostrander 22,60 William Brockway. Patrick O'Connell. 22,60 William Weaver. Thomas McGarrey. William Keys 22.60 George W. Maher Isaac Newton Edward McGowan 22,60 Joseph E. Lloyd John Sinclair 22.60 John Reardo James J. Donaho James Bruce. Thomas Judge William Gaynor. 22,60 Jerry O'Connell 22,60 John William Alexr. Naughto Frank Splana... F. M. Fitzgerald 22.60 William Hall. John Hall. 22,60 Sam Adair White P. Bidwell. 21.89 Horace Haunton Peter Murray. George Farrell. Marshal Gare 21.8 APPRENTICES Thos Bidgood Martin Keary 21.89 N. S. M. Millbourn. Fred N. Cartwright Nathan Bo 21.8 John Forsyth Nathan Morley 21,89 AS BENEFIT. Charles O'Rourke William Willia 21.89 oseph Willia Joseph Flood Ditto, as dividend. David Caldwell. 21.89 James Burby 21:01 .\$1,554.01 Henry D. Smith .21,89 Total. Those who having got benefit, only received a partial dividend, were: H. G. McCullen \$8.18 Lawrence O'Neil.Jr. 15.77

Mark Millbourn 5.50 M. C. Browne 1.95 5.00 Nicholas Powers 2.50 George Hamel. Nap Auberton 8.50 Grand Total \$1,600.41 A. Lepreu & Co. 251 William st. B. C. Roos Those persons who did not receive according to the above showing will please drop a note stating the amount received, to

opening the bids, our house, with more than fifty others, was represented at Washington, prepared to make a bid for the postal card contract. No tenders were made, the Postmaster General declining to receive any bids, as the letting of the contract was to be indefinitely postponed. In quiry as to the reasons for postponement brought out the statement that he had been led to be lieve, from what he had heard, that the double tint card would cost as much, or more, than the present card, and that the expense of supplying the postal card ought to be less. We were pre pared with a bid to furnish the card at a price that would save the Department \$140,000 on ODE billion cards, which is the estimated number re quired for the coming four years. Mr. W. Wilkinson made a suggestion that the Govent readvertise for proposals, out samples of both the ernment send the single and double tints, calling for bids thereon. This suggestion seemed to be favored by Mr. Key and a majority of the parties present.

The opposition to the double tint card seemed to come from persons who are not up with the times in the improvement and perfection of pa-per-making. This opposition now seems to be trying to get the Government to adopt something that will throw out a double tint or a cylinder machine-made card entirely, and thus to relieve themselves from the competition of manufacturers who possess the best means for manufacturing a good and heavy cardboard. In this respect we think that it looks as if a ring had been formed ou the other side. If, however, the Governmen' will act upon the judgment of its experts, which we believe it will, it will leave the competition open to manufacturers of every class, and every achine, even down to a hand-made card.

It will thus be seen that we do not object to ompetition, believing that it is the life of trade We do however, object to combinations or rings, for we are not, nor have we been, of them. WILKINSON BROS. & CO.

Changes, Removals, and New Firms,

W. C. Hicks, stationery, Meyersdale, Pa., has made an assignment.

The Union Paper Company, Bowenville, Ga. acceeds F. C. Bright & Co., Newnan, Ga.

Reeber & Armstrong, books and stationery, Denison, Texas, have dissolved partnership. H. Holbert (agent), books and stationery

Wilkesbarre, Pa., has sold out to S. L. Brown, H. B. Thistle, of Ingalls & Co., Newark, N. J., is opening a new book and stationery store at Orange, N. J.

The Nashville Paper Company succeeds the Rock City Paper Manufacturing Company, Nashville, Tenn.

Thomas Dwyer, 72 John street, is succes the late Nicholas Angell, wholesale dealer in the Carew Manufacturing Co.'s fine writing papers.

F. H. Dunkinson & Co. have now in stock a omplete line of their "Pure Irish Linen" pa pers, azure and cream, in all weights and sizes cut or in folio.

Bushnell & Brackett, stationers, &c., Counci Bluffs, Iowa, have dissolved partnership, W. C. Erb having purchased the half interest of D. W. Bushnell in the business. A new firm, in which W. C. Erb, L. C. Brackett and H. C. Brackett are partners, has been formed under the style of Erb & Brackett Bros., and will continue the book and stationery busin

Smith, Batchelor & Co., newspaper publish ers, Raleigh, N. C., have failed.

Brooks, Bancroft & Co., tag manufacturers Boston, Mass., are reported failed.

M. Teweles, paper and paper stock, Milwau kee, Wis., has been closed out by the sheriff.

G. W. McCabe, books and stationery, Atchi son, Kan., has filed a petition in bankruptcy. John Russell, paper-box manufacturer, No. 179

Grand street, New York, has failed. A meeting his creditors was held on Thursday, April 5 His liabilities are about \$48,000 and his assets about \$20,000. He has made an offer to com promise of 25 per cent. cash, conditional upor all the creditors signing off their claims. claims of the principal creditors are: Lockport (III.) Paper Co., \$7,000; Walther & Co., \$8,000; W. P. Dane & Co., \$7,000; G. L. Jaeger, \$7,000; Mallory & Co., \$1,800; Fitzgibbons, Masser & Co., \$500.

Chattel Mortgages. NEW YORK CITY.

Mortgagor. Mortgagee. Am D. H. Gildersleeve, 15ParkRow.S. French...... ...\$4,000

300

....484

Fires.

The store and stock of Arthur Bland, books and stationery, Rockdale, Texas, were damaged by fire on March 22.

The Wyoming paper mill, at East Pike, N. Y., wend by S. S. Hammond, was burned on Sun-lay morning, March 25. The property was day morning, March 25. almost wholly destroyed, and the loss is set down at about \$25,000, upon which there is an insurance of \$20,000. The mill contained two 300-lb engines, and a 56-inch double-cylinder machine. Its product was manilla, hardware and wrapping papers, and capacity about 3,500 lbs. daily.

The Augustine mills, near Wilmington, Del. belonging to Jessup & Moore, were destroyed by fire on Wednesday, April 4. The flames were discovered at about 4 P. M. in the ventilator over the machine room, and so rapid was the progress of the fire that in less than an hour the whole mill, with the exception of two fire-proof additions, was in ruins. The mill contained three engines, roll 40 by 60; one engine, roll 44 by 60; three engines, roll 36 by 44; one 66-inch, one 86 and one 90-inch Fourdrinier machines, and a full plant of other valuable machinery. It was both steam and water power, and run dy had a daily capacity of five tons of book papers which was soon to be increased to eight tons. The origin of the fire is a mystery, and several theories are offered by the workmen employed in the mill and others acquainted with the build ing and its surroundings, but the only reasonable upposition is that the roof took fire from a burn ing fuse from a blast that was set off near the mills only a few moments before the fire was dis covered. This theory is strengthened by the fact that a piece of burning fuse was found lying near the mill about the same time. The loss has been variously estimated at from \$200,000 to \$300,000, upon which there is an insurance of \$125,000.

Foreign Notes.

James Mankey, London manager for Butterorth & Co., paper stock merchants, Ward's Buildings, Deansgate, Manchester, was recently ndicted before the Recorder for having embezzled sums amounting in the aggregate to £4,000, received by him for and on account of his employers. For several years the prisoner had been the manager of the London branch at Weston street, Bermondsey, and so much confidence was placed in him by the firm that he was allowed to ake his own stock until July of last year, when Mr. Smalley, one of the partners, made a per-sonal examination of the stock in consequence of some suspicions which he entertained. Mr Smalley then ascertained that there was a deficency in the stock to the exent of 160 tons of mate rial, worth about £2,700. An examination of Man key's books showed that no entry had been made in them regarding a number of transactions, and after his arrest documents and books were found at his house at Dartford, showing the receipt in 1874 of checks, none of which had been accounted for or forwarded to the firm. The Recorder said that the evidence of the prisoner's guilt was conclusive, and he should therefore pass senter ice of seven years' servitude.

In Memoriam.

On the 11th February, at home (Veles, Snodland, Kenti, after fourteen days' illness, of r matic fever, Charles Townsend Hook, eldest of Anna Maria and the late Samuel Hook, loved and lamented by all who knew him." t sor Be

Such is the notice which appeared in the Times briefly announcing the departure of one whose name is well known and deservedly esteemed in the paper trade. As a manufacturer, he was re markable for his enterprising spirit and talented and successful career, though his unfinished life left much incomplete and undone that he would otherwise doubtless have achieved, for he was called away in the prime of early life, in the full tide of buoyant activity and usefulne By adding constant improvements he had brought his mill to a state of perfection which m reckoned among the first in England. Mr. Hook's public spirit led him to take an enterprising interest in affairs beyond his own neighborhood. and his love of progress extended even beyond his own country, since he was well known as ever ready to encourage new inventions and lend a helping hand to those of a foreign land; so much so that it has been said, "The world can ill afford to loose such a citizen." His bright, noble life, his talents and upright character, endeared him to friends and employees, while he dearest of all in the home circle, where his de voted affection and sunny presence made life joyous, for as a son and brother he was un equaled. It has been rightly said of him: joyously served his God and his fellow men, and was so true to himself he could not be false to

20,48 19.77 19,71 19.06 19.06 19.06 18,36 18,30 17.65 16 24 14.83 12.71 8.47 7.0621.89 10.94 9.53 28,00 8.77

Failures.

THERE is no doubt that Mr. Wilkinson was very sharply alive to his own interests, and that he intended to seek the contract, and sub-contract the printing in preference to taking an order for card-board from printers who were determined, on their side, to limit him in price. It is notable that some of the objections raised came from the printing houses which found, perhaps not unexpected, allies in some of the paper-makers. How combination comes in at this point we cannot see. There were, we believe, sixty or more bidders, none of whom, it is fair to suppose, were in collusion or cognizant of The stock is ground the same as usual, the mathe figures on each other's bids. The Tribune does not, and probably will not, go same agitator. Everything the same as when the stock did not roll except that more "hard advertising, thus inviting other men to bid on Thos Chalmers, Pittsfield, Mass.; Wm. Wilkinso far as to charge that several bids from stock " and alum is used.

Correspondence.

[Communications are solicited from everyon has anything of value or interest to impart. of news, trade gossip, and personal information will be gladly received. Corre pondents are requested only one side of the paper. oility for the opinions of correspondents attaches to this paper. Communications must be sent to reach this office by Wednesday night or Thursday ng, of each week, to insure insertion.]

Knotty Stock.

To the Editor of The Journal :

Will some paper-maker solve the following ? After may machine has run for about two hours, the stock in the chest commences to roll and get knotty. This it does only when I start in the morning with a full chest of stuff. Is sized pulp more inclined to roll than unsized, or does any increase of "hard stock" make any difference ? These are the only changes made. chine running at the same speed, and there being same agitator. Everything the same as when H. LUCIAN.

A. R. Box 626, Holyoke, Mass.

The Postal Card Contract.

To the Editor of The Journal:

Several communications have lately appeared in the Tribune relative to the postal card contract about to be entered into by the Government, in which the writer charges that the house of Wilkinson Bros. & Co., together with certain New England parties, have formed a ring to secure the contract for supplying postal cards for the ensuing four years at a high price. This charge we deny. We are not in We are not in any combination, nor do we know thing of the kind has been formed. nor do we know that any

The facts are these: We were called upon by several printers to make samples of board to be submitted to the authorities. We made several different samples, some of single tint and others of double tint. The Post-office Department de

cided upon our two-tint board, and sent out samples of the same according to the terms of our samples. On April 4, the day appointed for son, Derby, Conn.

G. Schlegel, 87 John st.R. Hoe & Co... W. B. Smyth......G. Snyder.... .8.800 .400 BROOKLYN D. H. Gildersleeve, 15 Park .S. French. Row, N. Y. EASTERN STATES.

Richard Crosby, Jr., Boston, Mass.

WESTERN STATES.

G. J. Rice, St. Paul, Minn... C. R. Barnes, St. Louis, Mo Cincinnati Democrat, Cincinnati, O..... ----

Accidents.

One of the engineers in Newton's pulp mill, Holvoke, Mass, had his ankle put out of joint by trying to shift a belt with his foot.

In Town.

S. W. Parks, Glens Falls, N. Y.; S. Q. Porter Unionville, Ct.; R. N. Fairfield, Holyoke, Mass.

any other.

It may be interesting to mention that the lightning-conductors, attached to the shafts recently erected at the Snowland Paper Works, were an American patent, Mr. Hook being (with one exception) the only purchaser in this country.

Beautiful wreaths and crosses of the choicest white flowers, subscribed for by his attached work-people and sent by personal friends, lay on the rich purple, gold-fringed pall that covered his coffin, which was borne by six of his oldest employees from his residence to the railway station, where a special train waited. The two hundred and fifty workmen entreated permission to follow, while numbers met to pay the last tribute of respect to one universally beloved, till at length three thousand people gathered at the cemetery, and it was remarked "there were as many mourners as spectators."

The service was read by the Rev. Dr. Bayley of London, assisted by the Rev. T. L. Marsden of Snodland, ministers of the New Jerusalem Church, of which Mr. Hook was a faithful and esteemed member. Knowing his progressive ideas, his family arranged for the funeral to be conducted with as little black as possible. The " Blessed are open hearse bore the inscription, the dead who die in the Lord," while the sphere of devotion throughout the assembled mourner

THE PAPER TRADE JOURNAL.

called forth the observation, "There never was such an absence of gloom amidst such deep sorrow-it was more like going to heaven than going to the grave." The family have also deviated from the universal custom in England of wearing black, and have chosen a beautiful purple color for their mourning.

But while death has severed one of the noblest lives ever lived, and his bereaved mother. sisters and brother have lost their sunshine and their joy, still they know that he is gone to "the better land," where he will have wider for his enterprise and talent, greater scope capacities for helping others and still fuller enjoyment of the higher life, where "his works do allow him '

General Notes.

Since July, 1875, eleven paper mills in the United States have been abandoned and dismantled.

There are now in course of construction in the United States eleven paper mills, some of which are nearly completed and will soon be in operation

Judge Spence has submitted his opinion on the mestion submitted to him by Postmaster General Key as to the validity of the recent award of the postage stamp contract to the Continental Bank Note Company of New York City, which was ontested by the Standard Publishing Company of Syracuse. He takes the ground that the award was legal and that the Continental Company should be allowed to fulfill the contract. At the request of the contracting party the mat ter will now, however, be referred to the Attor ney General.

The opening of bids for supplying the Govern nent with postal cards for the term of four years from May 1, which was to have taken place on Wednesday, has been indefinitely postponed by order of the Postmaster General, and a new advertisement will be issued. The late advertisement contained a proviso under which the department has recently announced that it might require the cards to be made with differently tinted sides. Several manufacturers filed protests, representing that there are only three or four establishments in the country where cards of this description can be cheaply manufactured, and that they had put in proposals under the impression that the present style of card was to remain unchanged. Under these circumstances and acting on the advice of Judge Spence, th assistant attorney for the department, the Postmaster General determined to readvertise for proposals.

Trade Notices.

Springfield, Ohio, and New York City, March, 1877. To the Editor of The Journal :

Our late associates, William Foos and Laman Foos, having on the first day of January last sold their entire interest to the other mem bers, excepting the notes and accounts, have re tired from the firm, which will be continued by the remaining members under the same name Either member of the old firm is authorized to use the firm's name in settlement.

JAMES LEFFEL & CO.

A WATERPROOFING COMPOSITON .- Dr. Scher zer, an Austrian official at Pekin, has just sent to his Government some specimens of a Chinese composition called "Schioicao," which has the property of making wood and other substances water tight. He has seen in Pekin wooden chests which had been to St. Petersburg, and have come back uninjured, and that the Chinese use the composition for covering straw baskets, which are after wards employed in carrying oil for long dis tances. Cardboard, when covered with the composition, becomes as hard as wood; and most wooden buildings in Pekin have a coating of it. It consists of three parts of blood deprived of its fibrine, four of lime and a little alun

SPECIAL NOTICES.

[Insertions under this heading will be charged 0 cents a line. Payment invariably in advance.]

Third Edition --- Now Ready.

LOCKWOOD'S DIRECTORY



The undersigned offers for sale, in whole or in part, a large line of second-hand Paper-making Machinery, including :

Several complete Fourdrinier and Cylinder Ma-chines, different widths. Engines, including several Kingsland's. A large variety of Calender and Press Rolls. Several fine stacks of Super-Calenders, Cylin-der Moulds, Rag Cutters, Steam Boilers, Steam and Power Pumps, Steam Engines, Screen Plates, Wooden and Iron Tanks, Water Wheels, Paper Cut es, and an extensive list of Miscel ters and Pres laneous Machinery.

PAPER MILLS.

A number of Paper Mills in Massachusetts, New York, Connecticut, Pennsylvania, Ohio and Michigan, are also offered for sale, at low prices, and on easy terms

PAPER COLLAR MACHINERY.

A full set of Paper Collar Machines capable of turning out from 50,000 to 100,000 collars per day. together with license for making the same is for sale on easy terms.

The undersigned is also agent for the following specialties :

THE LAHOUSSE PROCESS

For Reducing and Bleaching Straw Pulp. Now in successful operation in over sixty mills in Europe. It will give a larger yield and produce a better pulp for the chemicals used, than any process in existence.

THE PROCESS FOR BLEACHING JUTE.

(Owned by the Inter-State Fibre Bleaching Company. This process comprehends all the improvements in working jute and flax into white paper, and is the best adapted for these fibres.

J. N. PADDACK'S IMPROVEMENT

for equalizing the pressure on the Making Roll in the manufacture of Straw, Binders', Leather and Press Boards.

This important improvement can be attached to any machine at a small cost. It is capable of making a thicker, smoother and stronger Board than to any m any other Machine, and entirely does away with crushing, blisters and other imperfection

THE BAGLEY & SEWALL ROTARY FORCE PUMP.

Adapted especially to Paper Mills (see advertise ment in another colu

THE GIFFORD IMPROVED INJEC-TOR FOR FEEDING BOILERS.

This Injector has been improved and simplified so that a boy twelve years old can work it. It is well adapted for use in Paper Mills to feed boilers when other parts of the Machinery are stopped.

MACHINERY AND ROLLERS FOR EMBOSSING.

Address

Full description of the Mills, Machinery and Proesses will be given on application.

EDWARD CONLEY. No. 74 Duane Street, N. Y

Market Review.

OFFICE OF THE PAPER TEADE JOURNAL, FRIDAY EVENING, April 6, 1877.

THE MONEY MARKET. - The supply of oanable funds continues full, and rates remain about the same. Call loans are made at 3 to 4 per cent., the banks and trust companies loaning at 4 to 5 per cent. The demand for commercial paper rules a little easier, but the rates have not materially changed. Government bonds are firm on a moderate

Railroad bonds are much the same. State bonds are still weak. The gold market has been quiet, but somewhat stronger in tone, the rate keeping steady. The

hundred bales, at figures ranging from 31/c. to 3%c. to 31/c., cash and time. The latest Calcutta advices indicate a continued firmness and high cost in that market, and light shipments in prospect.

FOREIGN RAGS AND PAPER STOCKS -There is not much difference in the temper of the market, and we have, consequently, little to add to our late reports. Trade is only moderately active, transactions appear to be unimportant, and, as a rule, of a hand-to-mouth character. In Linen Rags, the bulk of business doing is in medium and low grade goods. In Cottons, low-priced goods are still more looked after than fines. The demand for Waste Papers continues mostly for light stocks, Newspapers and Letters and Shavings. Baggings show a decided decline in de-mand, and poorer qualities are offering at lower figures. Strictly No. 1 lots sell at figures closely approximating our quotations, but holders are not as strong in their views, although they do not as yet show any marked disposition to recede in prices. Rope is in better supply, and is not more than steady. Our latest London advices quote a pretty steady market there for the leading grades of Rags and Paper Waste, and also for Manilla stocks. Orders from America, it is said, have been declined through inability to procure stock. The arrivals for the week are 1,267 bales Rags, 3,681 bales Old Papers, and 1,593 bales Manilla Stocks.

DOMESTIC RAGS .- There is quite a notice able increase in the gatherings, and all grades are in fuller supply. Sales continue to be rather moderate in bulk, and offerings are reported at shaded figures. Sales are noted of 100 bales City Seconds at 21/2c.; 15 tons City Whites at 5%/c.

WOOLEN RAGS.-The market shows some thing of the effect of the spring influx. Stocks are larger, and still accumulating, and with only a moderate demand prices are a little softer

OLD PAPERS. - Trade presents no new features this week. The demand remains in much the same condition as we have noted of late, and sales are sufficiently large to keep down any large surplus of stocks. Prices show very trifling variation, and there does not appear to be any strong pressure towards either advance or decline. Sales are reported of 10 tons Light Stock, at 21/2c.; 10 tons Pure Manillas, at 3c.; 15 tons Newspaper Stock, at 3½c.; 100 bales Light Book Stock at 2½c.; 10 tons No. 1 White Shavings at 5%c.; 10 tons News and Letter (English) at 2%/c.

BAGGINGS, &c.-The inquiry for Baggings is remarkably quiet in contrast with that of a few weeks since. Manufacturers are holding back, and evince little desire to buy even at concessions from old rates. The offerings of strictly No. 1 Baggings are not over large, and they do not feel the pressure so much as lower qualities. No: 2 is being offered quite freely, and we hear of ome round lots being pushed for sale at 21%e. Rope is not looked after much, and with a pretty fair supply in the market the prices are not by any means stiff. We note sales of 15 tons Grass Rope at 3% c.; 10 tons Jute Rope at 31/c.; 18 tons Grass Rope at 3%c.; 10 tons Gunny Sacking at 21/c.; 30 tons Gunny Bagging (Manchester) at

STRAW .- The receipts show no important increase, and with a fair demand ruling, prices are firm. The quotations are 70c. to 75c. for Long Rye, 60c. to 65c. for Short Rye, and 55c. to 65c. for Oat.

ROSINS .- The demand continues fair, and prices are generally held steady.

CHEMICALS .- The sales of round lots in this market during the past week show some increase, but the prices realized were shaded somewhat from figures ruling of late, Paper manufacturers are buying rather sparingly, and for small lots prices do not materially vary. Carbonated Soda Ash remains unchanged. Caustic Soda Ash is irregular, both as to movement and prices, and some of the leading brands are in short supply. Caustic Soda is not much looked for. Bleaching Powders are held steadily, and holders of spot lots are firm in their views. Orange Mineral is without variation. Venetian Red has come forward freely, and is in good supply. English China Clay is not in large supply, and prices rule firm. Terra Alba is in full stock, and selling quite freely. Sales are 100 bbls. Lump Alum at 2%c. currency; 50 bbls. Ground Alum, at 2%/c. cur-

pany, 151/2; Delaware, Lackawanna and Westhundred bales, at ngures ranging from 3.4 c. for 31/4 c. We quote the market to-day at 31/4 c. for ordinary quality, while choicer lots are held at Jersey and Lackawanna and Western Coal Comern Railroad, 151/2; Central Railroad of New pany, 1514; Pennsylvania Coal Company, 10.

NEW YORK MARKET. PRICES CURRENT.

Paper Market.

Paper Market. DEALERS' SELLING PRIC Flat Caps and Ledger, 1st class... Flat Caps and Ledger, 2d class Blotting, American Blotting, English Book, super-sized and calendered Book, super-sized and tinted. Book, extra machine finish, tinted Book, extra machine finish, tinted Book, coord quality, all rag Book, good quality, all rag Book, No. 1, Shavings & Imperfections News, rag and wood. News, straw. \$0.30 @.\$0.35 303069898 k, No. 2, No. k, No. 2, No. wa, common anging, Superfine, No. 1 danging, Superfine, No. danging, Superfine, No. danging, Machine Satin dang, White Blank, white Blank White Blank 131/200 10 00 91/200 ne Satin, No. Blank, No. Blank, No. Blank, No. white Blank, No. 2. cing, White Blank, No. 2. cing, Curtain. ing, Buff ing, Buff ing, Buff depapers, Double Mediums depapers, Glazed Mediums depapers, Glazed Mediums depapers, Glazed Mediums depapers, Glazed Mediums is, Flour-sack, Orean. is, Flour-sack, Grab. is, Roope, unbleached is, No. 1, light weight. S, Northersack, Grab. is, No. 1, light weight. S, Northary Wrapping b, No. 2. hanglas, full count, weight an ve, light solver. 73/20 10 1.50 1.30 2.00 12 12 12 White Tiss 6 6 unt weight and size, 11 × 15. other sizes i ardware, light colored ardware, No. 1, glazed ardware, No. 2, glazed 22 12 0

 Hardware, light colored
 12
 6

 Hardware, No. 1, glazed
 59460
 9

 Hardware, No. 1, glazed
 7460
 8

 Binder's Boards, Pton.
 60.00
 000.00

 Straw Boards, air-dried, 150 sheets, Ptn 50.00
 60.00
 8

 Straw Boards, air-dried, 180 sheets, Ptn 50.00
 65.00
 8

 Straw Boards, air-dried, No. 1, Pton 50.00
 65.00
 8

 Straw Boards, steam-dried, No. 2, Pton 50.00
 65.00
 55.00

 Straw Boards, steam-dried, No. 2, Pton 50.00
 65.00
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 Straw Boards, steam-dried, No. 2, Pton 50.00
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 Straw Boards, steam-dried, No. 2, Pton 50.00
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 Straw Boards, steam-dried, No. 2, Straw Boards, air-dried, Penn, Pton 50.00
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 Straw Boards, air-dried, Penn, Pton 50.00
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 Straw Boards, air-dried, State, Pton 50.00
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 Straw Boards, air-dried, No. 1, State, Pton 50.00
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 Stra 36 × 40 30 × 40 24 × 36 22 × 32 1.25 88 266 2 × 29 16 × 22 18 × 26 18 × 26 18 × 26 18 × 26 18 × 26 13 × 18 12 × 16 11 × 15 Straw Wrapping, ₱ ħ Tea Papers, 16 sheet quires 12 × 18 14 × 18 14 × 29 Vorter Stock. Wool 80 75 50 45 45 45 82 83 83 0000000000000 40 @ Woolen Rags. Comforter Stock. White Woolens Blue Grey Stockings. White Stockings Blue Flannels Reds, old. 12 14 8 8 33 11 14 16 18 1160 Mixed Carpets White Linseys Mixed Linseys Rags, Rope and Bagging. White Shirt Cuttings, No. 1. White Shirt Cuttings, No. 2. Mill Assorted Whites Unbleached Muslins City Whites 61/4 () 53/4 () 53/4 () ites ton Flannels ew Canton Flannels few Cotton Strips, light few Cotton Strips, dark to. 2, Whites 4146 Cotton Canvas Linen Canvas Country White Rags Country Mixed 5%@ Seconds (City) Seconds (City) Seconds (City) Extra. Colors, per 100 b Manilla Rope Manilla Rope, tarred. Hemp Rope 29% 394 Hemp Rope Gunny Bagging, No. 1 Gunny Bagging, No. 2 Kentucky Bagging Burlap Bagging Tar Shakings Hemp Twine Stock Jute Waste 21/400

44 @

Shavings and Old Paper.

White Collar Cuttings, all paper.

Paper-collar Cuttings. Ledgers, Briefs and Letters Newspapers and Pamphlets, extra Old Newspapers and Letters. New Books, Solid Folios. Old Blank Books. 4 @ 436 0 444444 Brown Papers. White and Buff Railway Sheets Railway Tickets EC Hamburg Rags, &c. LINENS. 812 8 1848 87776544466056 I inen Cuttings S P F F F, square bale S P F F F, long bale S P F F, square bale S P F, square bale L F X, square bale Extra Fine Blue Linen, light color L F B, square bale L F B, long bale L F B, long bale Gunny Bagging, No. 1 Eurlap Bagging, No. 1 COTTONS. re hale 30 20 25 17 18 15 54789844 CS PFF, square bale CS PFF, square bale CS PFFF, square bale CS PFFF, square bale CS PFF, square bale OTTONS 6 @@ 5140@@ 4340@@ 4340@@ 61/6 53/1 13 13 41/2 9 81/2 35.35% 21400 18 14 Cotton Canvas Rope. 3%@ 4 @ T R (tarred) W R (white) M R (manills 8% 4% Old Papers Old Book Paper... Old Printed Books. 5 @ 5% 6 16 11 1.60 1.40 2.50 131 4 00 0000 434 Imperfecti White Sha 234 Printed 314 Leghorn and Genoa Rags 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 P, collinger, tripo 734 1319 1019 919 819 554353333223 en stripes 23 23400 23400 23400 CS ğ Alexandria Rags. whiter 8 000 Colors Memel Rags. 6 13 41400 43400 43400 SPFF SPF... FF.... 3342 FG... LFB. Trieste Rags. 1.30 1.08 90 80 70 45 50 35 23 23 23 23 18 18 23 23 5 8 51400 11400 634 SPF. SFF. SFB 454 Konigsberg Rags SPFF. SPF. FF. LFB. 6 5 4 4 4 いいない Japanese Rags. 8140. 9140. 9140. Whites 234 Chemicals, Coloring Materials, &c Alum, lump... Alum, ground Alum, porous Alum, potash Anti-Chlorine 3%00 3%00 3%00 2943 A ...cur 12 13 16 10 9 26 8 436 15 15 nerican, cur'y wders, currency ..., 60 per cent. gold . English, per ton, so English, to arrive Caus Clay, Clay 20.00 4 51 12 15 12 20,00 gold..... South Carolina, per ton..... 'ferra Alba, English per ton Terra Alba, American, per t . 14.00 . 25.00 . 15.00 Clay, Clay, Clay 30.00 Copperas, American. Extract Logwood, curren Pochin's Patent Alumino Prussian Blue, dry 4 70 85 26 11 2 Orange Mineral, gold. Rosins, coummon strained, pe Rosins, good strained, per bb Rosins, low, No. 2, per bbl. Rosins, good, No. 2, per bbl. Rosins, good, No. 1, per bbl. Rosins, gole, per bbl. Sal Soda, Sale, per bbl. Soda Ash, caustic, gold Soda Ash, caustic, gold Soda Ash, caustic, gold Soda Ash, refined, gold Soda Ash, refined, gold Soluble Bine Sugar Lead, white Sugar Lead, white Suphuric Acid, 66 degrees Sulphuric Acid, 66 degrees 11 2.10 2.15 2.20 2.30 2.40 2.75 8.50 5.00 ed, per bbl. 2,50 2,60 2,70 2,80 3,00 3,25 3,75 6,00 1,404 116 316 114 11 2360 2360 2360 2360 70 0 816 616 134 20 614 9 6 134 2 20 434 40 134 614 6 616 91-641 91-943 itriol, blue, curren dellow Ochre, gold. 134 216 1.00 BOSTON MARKET. General trade remains about the same as at 316 time of last report. Colors scarce and higher. Bagging and Butts easier. Chemicals without change. No. 2 Rosin stock small. Juice higher both on spot and to arrive. Mill Assorted Whites Cotton Canvas, No. 2 Cotton Canvas, No. 2 Linen Canvas, No. 2 White Shirt Cuttings Country White Rags Country Mixed Rags. City Whites, No. 2 Research 80 61 416 5% 5 4 5%44 5%44 6 314 43/2

109

LOCKWOOD'S	stronger in tone, the rate keeping steady. The quotations for the week are:	rency; 150 bbls. Porous Alum at 31/2c. currency;	White Collar Cuttings, all paper White Collar Cuttings, muslin lined . White Envelope Cuttings.	6 @ 5 @ 61/200	Cotton Canvas Cotton Canvas, No. 2	6 6	614 416 016
	Opening. Highest. Lowest. Closing.	50 bbls. Potash Alum at 2%c. currency; 150	Hard White Shavings, No. 1	51/200	Linen Canvas White Shirt Cuttings	5 m -	0%6
DIDECTODY	M'ch 31105 1051/6 105 105	cks. Bleach at 2c. currency; 50 drums 60 per	Soft White Shavings, No. 1 White Shavings, No. 2	474 (m. 5)	Country White Rags	5%@	6
DIRECTORY	April 2	cent. Caustic at 4%c. gold; 25 tons Sal Soda at	Mixed Shavings, part white Ledger and Writing	3130 4	Country Mixed Rags City Whites, No. 2	41/4 (1)	814 434
	4	1.40c. gold; 100 tons Soda Ash at 2 1-16c. gold;	Solid Stock	43400	Seconds, Country	41/200 -	-
OF THE	5104% 105 104% 105 6105 105 105 105	50 cks. English Silesian White at 1 1-16c. to 11/sc.	Book Stock	3160 336	Colors Manilla Rope	37,600	23%
	Foreign Exchange is without additional de-	currency.	Book Stock, No. 1, light Book Stock, No. 2, light	21400	Binders' or Tar Board Cuttings	1 60 -	-
Paper Trade.	mand, but rules somewhat stronger. The quoted	THE COAL TRADE There are no changes of	Prints	13400 2	Common Papers Oakum Junk	5 0	536
raper riade.	rates to-day are: Sterling, 60 days, \$4.841/2 to \$4.85;	an important character to note in connection	Pure Manillas Bogus Manillas and Hardwares	1400 90	Hemp Rope	81/200	35%
10**	do. sight, \$4.86¼ to \$4.86%; Commercial sterling,	with Anthracite. The demand continues light,	Commons	960 34	Gunny Bagging	41600	314
1877.	prime long, \$4.84 to \$4.841/2; do., good long, \$4.83	notwithstanding the present prospects for the for-	Binder's Board Cuttings Straw Board Cuttings	80 66 114	Hard Woolens, old	3400	11/2
	to \$4.84; Paris, bankers', 60 days, 5.17% to 5.16%;	mation of a new combination, and no trade of	English Rags, &c.		Soft Woolens, old	10 @	11
This Directory contains a full and detailed descrip-	do., sight, 5.15 to 5.13%; Antwerp, bankers', 60	consequence is looked for until some plan is de-	New Cuttings, cotton	81400 9	Soft Woolens, new	10 @ -	
tion of every Paper Mill in the United States and	days, 5.171/2 to 5.161/2; do., sight, 5.141/2 to 5.133/2.	vised by which prices will in some manner be reg-	Essex Fines	8 6 814	Jute Butts. White Collar Cuttings	5 00	6
Canada.		ulated. At the present time quotatious are very	London Fines, cotton Fines, cotton	5346 6	White Envelope Cuttings	6 @	61/2
This Directory is octavo in form, is printed on the	THE PAPER TRADEThere has been no	irregular, and buyers are afraid to venture, feel-	Outshots, cotton	514@ 634	Soft White Shavings, No. 1	43/4 (1)	5
finest book paper, handsomely bound in cloth, and as	appreciable change in the market during the past week either as regards the volume of business or	ing that perhaps with the dawn of another day	Seconds	4 62. 414	White Shavings, No. 2 Mixed Shavings (% white)	41400	43/6
a work of reference is indispensable to every Paper-		lower prices will rule. The committee appointed	Thirds	2 @ 214	Imperfections	3 00 -	434
maker, Paper and Paper Stock Dealer, Stationer, or	the course of prices. Fine papers have about	at the recent meeting of the coal companies met	New Print Tabs Checks and Blues	4 (a) 4/2 37.6(a) 4	Light Prints	23466	212
any one connected with the trade.	the same movement as has been noted of late. In both book and news papers, especially the	on yesterday, and reported the following agree-	Light Prints	31.20 334	Manilla Envelope Cuttings, new Manilla Papers, old	4 68	236
	latter, the pressure to sell is strong, and it re-	ment, upon which the large companies will act:	Light Fustians Dark Fustians	234 (1) 3	Hardware and Manillas	1 @	13%
LOCKWOOD'S DIRECTORY is the only STANDARD	quires a more than usual effort to keep prices up	"That each interest be left free to sell at any	Black Calicoes	21/6 21/4		1 @ -	
authority of the kind, and is constantly consulted by the Trade in all parts of the country.	to anything approaching steadiness. Manilla	price or in any manner it may desire, and that	First Canvas Linen	4140. 414	P P. No. 1 Linens	63:00	784
the trade in an parts of the country.	and Wrapping Papers are in fair jobbing de-	the committee of three be requested to prepare a	Black Bagging	8 @	S S. No. 2 Linens	59400	6
READY FOR DELIVERY IN ABOUT	mand, and keep pretty steady in prices. Straw	proper monthly allotment of tonnage based upon	Gunny Bagging, No. 1 Gunny Bagging, No. 2	2140 216	T T, No. 3 Linens	5 60	6
ONE WEEK.	boards are selling at old rates and in reasonable	an assumed product to competitive points, for	Mixed Bagging. Burlaps Bagging, No. 1	214 216	S No. 2 Cottons.	38400	4
To secure early copies, seud in your orders at once.	quantities. Binders' boards are in unchanged	the year 1877, of eight millions of tons, and to re-	Rope, Manilla	33465 4	T, No. 3 Cottons	3140	072
PRICE, \$2.00.	movement.	port a proper plan to provide for adequate secu-	Rope, Manilla, tarred	29400	Whites	B	3
Address.		rity being given to guard against any interests	Jute Threads.		Blues	21/600	3 987
	JUIE BUILS The only arrival since our	over-shipping its proper quota." The quota of	English Old Papers and Sha		Sibyrna Rags.	474 636	478
HOWARD LOCKWOOD,	1 689 bolog The machet has maled	the different mining regions was established as	Hard Snavings, No. 1	43402 5	Whites	3 @ -	-
Publisher.	mint Salas are light being configed to mail	follows: Philadelphia and Reading Railroad	Soft Shavings, No. 1 White and Colored Shavings, No. 1	4160 434	Blues	4 @ -	
74 DUANE STREET, N. Y.	quiet. Sales are light, being confined to small		White and Colored Shavings, No. 2	23460 234	Misea	23.600 -	116
POLINE SINCEI, N. I.	lots of 50 to 100 bales, aggregating in all several	Company, 18; Delaware and Hudson Canal Com-	Cream Shavings	51/200 59%	Canvas, No. 1.	5 00 -	

TRADE JOURNAL. CR.

110		THE PAT	PER TRADE J
Canvas, 300d Tarred Rope	2 6	Hard Woolens, old 5 Hard Woolens, new13 Soft Woolens (Mill) 9 City Gunnies, No. 2 234	PAPER MILL PROPERTY
Constantinople Rag Whites Blues Reds	3 @	CHICAGO MARKET.	For Sale Very Low.
Mixed New Papers. Superfine Book . Rags News, No. 1 Ordinary Rag News. Straw News. Manilla, Cream, No. 1 Ordinary Wrapping Manilla. Manilla, No. 2 Bogus Straw Boards, air-dried, P ton Straw Boards, air-dried, P ton Straw Boards, air-dried, P ton Straw Boards, git con Eather Boards, P ton Eather Boards, P ton	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rags and Paper Stock. Cents. City Whites, No.15 © 54% Seconds & Blues 4 @ 45% Manila Rope 34@ 4 Manila Rope 34@ 4 Gunny Bagging, 25% Book Papers, Soft Woolens, clear. clear. 75% Yay New Clips (free 34 From sat)	Mill has four Engines, 30-inch Rolls; one Machine, 52-inch face; Fall, 32 feet. Is on first-class stream in an excellent location for Straw. Has been run on Straw wrapping-paper. There is a Farm of eighty- five acres and five Tenements included in the prop- erty. Price \$12,000-Terms easy. For further partic- ulars address PAPER MILL, * Care of Paper Trade Journal. THE
Leather Board, counter, Leather Board, No. 2. Leather Board, No. 3. Boston Chemicals.		LONDON, March 24, 1877. Trade during the week was not so brisk as before,	PAPER MAKERS'
Aluminous Cake, gold Alum, English lump, P h. Alum, English ground Alum, American ground Alum, American ground Alum, American Potash Alum, ground, Concentrated Anti-Chlorine Bi-Chromate Potash, Scotch, cur'y Bi-Chromate Potash, American, cur'y Biaching Powders, gold Caussic Soda, 60 ¥ cent., gold Caussic Soda, 70 ¥ cent., gold Caustic Soda, 70 ¥ cent., gold Clay, English, ¥ ton, gold	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	as paper manufacturers here complain of slackness. From America some important orders were received, and prices are unaltered. Stocks here are small, so that there is no probability of a fall in prices. RAGS.—Fine and middle-classed grades of strong linens were in fair demand, as well as low-graded cot- tons. The better-classed cotton rags were not much inquired after. Gunny continues to be scarce, and long prices are still being paid, which induces dealers to sell immediately. WASTE PAPERS.—Of these, a few contracts worth noting were closed at full prices.	Monthly Journal. ORGAN OF THE ENGLISH TRADE Imperial Oct ro. Subscription and Postage for the United States and Canada, Seven Shillings Per Annum in Advance.
Clay, American, P ton. Copperas, American, P b Extract Logwood. Lime, common, P bbl Prussian Blue, P b. Prussiane Potash, American Rosin, No. 2 Rosin, No. 2 Rosin, No. 1 Rosin, pale Rosin, pale Sal Soda, N. C. P b. gold Sal Soda, American, currency Soda Ash, gold.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	English Chemical Market. MANCHESTER, March 24, 1877. J. Berger Spence & Co. write: "Our market has un- dergone very slight alteration during the week. The symptoms of improvement, as far as an increasing demand for shipment is concerned, are still visible, and preparations for forwarding goods to the north- ern European and other ports claim a considerable share of attention, but nothing can be added of a	THE PAPER MAKERS' MONTHLY JOURNAL is the only recognized representative of the Paper Trade in Great Britain, is published under the aus- pices of the Paper Makers' Club in London, and is the acknowledged means of intercommunication for the Association of Paper Manufacturers of the United Kingdom. It contains authentic particulars of Markets, Trade Matters, Export and Import Returns, Meetings, Deputations, and the affairs of the Trade generally. MARCHANT, SINGER & CO.,
Soluble Blue Sugar Lead, White Sugar Lead, Brown Sulphuris Acid, 60 degrees. Terrs Alba, 2 ton Ultramarine, 2 b. gold Venetian Red, 2 b. Vitriol Blue. Yellow Ochre	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cheering nature. Business is gradually assuming an attitude of most dispiriting import, not the least sig- nificant sign of which is to be found in the desire of manufacturers to book contracts extending over a period, at prices which preclude the possibility of other than the barest profit, and which two months ago they would have passed over as unworthy of a thought—in short, they are losing confidence, and be-	PUBLISHERS, 1 and 2 Ingram Court, London, England, ADVERTISEMENTS. 1 insertion, 12 insertions, One page
PHILADELPHIA M	ARKET	coming anxious to secure an outlet for their produc- tion on as favorable terms as they can command under the circumstances. Certainly, the outlook at	BUCHANAN & CO.,
Paper Stock. White Rags Mill Assorted White Rags. White Shirt Cuttings. No. 1. White Shirt Cuttings. No. 2. Cotton Canvas. No. 2. Blues and Thirds Colors Jute Butts. Gunny Jaggting. Kentucky Bagging. Manila Kope Soft Woile Shavings, No. 1. Soft White Shavings, No. 1. Soft White Shavings, No. 1. Soft White Shavings, No. 2. Mixed Shavings, No. 2. Mixed Shavings, No. 2. White Collar Cuttings, cloth. Soft Imperfections. No. 1 Prints, News and Writing. Ordinary Prints. Manila Papers, No. 1. Hard White, Shavings, Collar Cuttings. Manila Preper Cuttings. Manila Papers, No. 1. Hardware and Manillas.	Bix Bix <td>present is most dreary, and seems to fully justify this policy; but there is danger of prudence being supplanted by rashness, so that it would be well that a united endeavor were made to hold out a little longer, in the hope of a reaction. Cream caustic soda has been quiet, and quotations are unchanged. White caustic soda maintains its last week's ac- quired firmness, and enjoys a sufficiently steady in- quiry to prevent the rapid accumulations of stocks at works. Seventy per cent, white is in larger request, but makers seem to have no difficulty in supplying all requirements readily. Manufacturers of bleach- ing powder are more disposed to meet consumers in the matter of prices than they were last week, with- out, however, attracting many of the latter, while the present tendency of prices is decidedly towards weakuess. Soda Ash is more favorably circum- stanced than most articles, and enjoys a steady trade.</td> <td>COMMISSION Paper Warehouse PACKERS OF AND DEALERS IN PACKERS OF AND DEALERS IN Paper Stock, 38 ROSE STREET, NEW YORK. \$55 to \$77 a week to Agenta. \$10 Outfit FREE PackERY, Augusta, Maine. JARVIS' PATENT FURNACE</td>	present is most dreary, and seems to fully justify this policy; but there is danger of prudence being supplanted by rashness, so that it would be well that a united endeavor were made to hold out a little longer, in the hope of a reaction. Cream caustic soda has been quiet, and quotations are unchanged. White caustic soda maintains its last week's ac- quired firmness, and enjoys a sufficiently steady in- quiry to prevent the rapid accumulations of stocks at works. Seventy per cent, white is in larger request, but makers seem to have no difficulty in supplying all requirements readily. Manufacturers of bleach- ing powder are more disposed to meet consumers in the matter of prices than they were last week, with- out, however, attracting many of the latter, while the present tendency of prices is decidedly towards weakuess. Soda Ash is more favorably circum- stanced than most articles, and enjoys a steady trade.	COMMISSION Paper Warehouse PACKERS OF AND DEALERS IN PACKERS OF AND DEALERS IN Paper Stock, 38 ROSE STREET, NEW YORK. \$55 to \$77 a week to Agenta. \$10 Outfit FREE PackERY, Augusta, Maine. JARVIS' PATENT FURNACE
Straw Board Cuttings. Binders' Board Cuttings. Common Papers. Leghorn Rags.	@ ¹ /4	Advertisements.	For the Setting of Steam Boilers Will save twenty-five per cent. in fuel, and make an increase of twenty-five per cent. in Steam Power, Will burn coal dust without blast. We guarantee
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