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

VOLUME IX.—NO. 18.

NEW YORK, MAY 1, 1880.

WHOLE NUMBER 313.

Trade Topics.

Process of Repulping Paper.

The object of this invention is to secure the utilization of paper shavings, trimmings and waste paper to form a quality of paper as good as that from which such stock was cut and without occupying more than a few hours for its manufacture. The process consists in causing the beater-engine to operate upon such stock, while suspended in a bath of hot water or other liquid, without regrinding. The stock is taken and first boiled in a separate vessel, in the usual manner. Instead, then, of grinding this stock, it is placed in the beater which acts upon the material while suspended in hot water or other liquid.

Heretofore the stock has received only the one heating, which was preliminary to the grinding, and after which cold water was used. The use of cold water in the heater causes the fibre of the paper to set again by cooling the size, so that the grinding between the first boiling and the final pulping is absolutely neces sary. By this process hot water is used in the beater, and its action is such that the grinding is said to be rendered unnecessary, and yet the fibre is disintegrated without being torn or shortened, so that pulp which results therefrom is as good for paper-making as it was before it was made into the paper from which the stock came. While this result is secured also, the stock can be reduced into a pulp and made into paper within a few hours, instead of carrying it through the ordinary process of pulping, which requires a number of days. The claim of the patentee is the process of repulping paper by causing the beater-engine to operate upon the same while suspended in a hot bath. (225,347.)

Rich Deposit of Kaolin in Maryland.

The Northeast (Cecil Co., Md.) Record says: W. A. H. Schreiber, of Philadelphia, has been here for over a week with a force of men opening the kaolin bed on the property of William Hunt, near North-East, and of which we have spoken several times in the past. Mr. S. reports very favorably as to the quality and imnse quantity of this material. He has thus far opened the deposit along the river to the extent of nearly 1,200 feet, fluding the very whitest kaolin for the manufacture of paper, porcelain, and chemical purposes, as well as an unexcelled clay for fire brick, stove tiles and seggars. A mining engineer has been with Mr. Schreiber, making a survey of the place, and after asceraining the depth of the clay bed he will be able give an idea of how many million tons this clay there are deposited on the entire tract of fifty-three acres. Workmen are now engaged shafting and boring over the place, and also opening and exposing the vein along the railroad. It is a novel sight to see the wite clay thrown out along the railroad for a long Mr. Schreiber has an agreement with Mr. Hunt for the purchase of the place, and associated with him a number of gentlemen from New York, Trenton, Philadelphia and Baltimore, for the purpose of forming a stock company (limited), to furnish the necessary capital erect works on the premises, and thus give to this place a new impulse of industry.

United States Treasury Department.

The following decision of the Treasury Department is published for the information of parties interested:

1.464.-Free entry-Flax-waste as paper stock. The department is in receipt of your letter of the 19th of January last, transmitting the appeal (4,978 f) of Garrett Schenck from the decis n of your deputy at St. Albans, assessing duty the rate of \$10 per ton on certain so-called flax-waste," or "mill-waste," imported from anada, which the appellant claims to be exapt from duty, under the provision in the ree list" for paper stock, crude, of every deription, including all grasses, fibres, rags, her than wool-waste, shavings, clippings, &c. be used in making and fit only to be conrted into paper, and unfit for any other man-It appears that the article was classified by your deputy as "tow of flax," under Schedule D (Heyl, 959.) Upon investigation, it ascertained that the article known to comrce as "tow of flax" consists of that portion the flax, straw, or fibre which, in the operaon of scutching and backling, is thrown off with the woody portions or shives, and that the article in question, which seems to be known as flax-waste or mill-waste, is the waste or refuse that remains after separating the flax tow such shives or woody portions, and that it, in fact, consists of the shives, waste straw, and such portions of the fibre as

ne.

38

K.

are too coarse and too short for use in spinning. It is also ascertained that this article is not capable of being advantageously used for any manu facturing purposes other than that of making paper. On this point considerable evidence has een submitted from experts, which also shows that the importations already made are intended for and are to be used exclusively in paper manufacture. You suggest that this article may be sometimes used in stuffing mattresses and furniture. The language of the law is, "paper stock, crude, of every description, including * * * waste * * * to be used in making and fit only to be converted into paper, and unfit for any other manufacture." The possible use of this article for stuffing mattresses and furniture in exceptional instances, does not, in the opinion of the department, take it out of the category of paper stock thus provided for. The department

therefore decides that the appeal is well taken, and that the article is not the tow of flax of commerce, but is exempt from duty under the provision for paper stock. You will therefore cause the entry to be reliquidated accordingly, and forward a certified statement for a refund of the duties erroneously exacted * * *. (Collector of Customs, Burlington, Vt., March 19.)

Machine for Calendering Paper.

The drawing illustrates an improvement in machines for calendering paper and other materials, and shows a vertical cross-section of the machine.

Two standards compose the machine frame, upon which are secured boxes B, for supporting the journals of a hollow roller, C. With this roller C are combined a series of rollers, D, which are arranged on its circumference so as to bear on its surface, and having a proportionately less diameter than the central roller. These circumferential rollers D have a hard surface, and perform the calendering operation; but, if desired, a layer of paper or other soft material may be applied to them instead of to the central roller,

in which case the latter constitutes the calendering device.

journals of the circumferential rollers D rest in boxes E, which are adjustable radially to the axis of the central roller, C, so that the circumferential rollers can be set toward and from the central roller at will. To render the journal boxes E thus adjustable, they are fitted in slotted brackets F, whose slots extend radially to the axis of the supporting roller C, and are connected to set screws c, passing through the ends of the brackets. These journal-boxes E are also adjustable in a plane concentric to the axis of the central roller, C, so that the circumferential rollers are adapted to be set in proper relation to the central roller—that is to say, so that their axes are parallel to the axis of the latter. concentric adjustment of the boxes E is effected as follows: The brackets F at the respective ends of the circumferential rollers D are fastened to a flanged hub formed on each of the journal boxes B of the central roller by means of set screws, and at the points where these screws pass through the hub the latter are provided with a slot or slots concentric to the axis of the supporting roller, so that the brackets, and with them the boxes, are capable of being moved and adjusted in the desired direction.

A second advantage gained by this arrangement is that the number of the circumferential rollers D may be increased or diminished.

With the circumferential rollers D are combined tension bands or ropes e (steel bands being usually employed), for the purpose of holding them forcibly in contact with the central roller. Two of these bands e are used, one at each end of the circumferential rollers, and they are brought into play when it is desired to have the circumferential rollers press upon the paper only in contradistinction to their having a rubbing action thereon. These bands e are fastened to the machine-frame at one end, as at f, and thence pass over each of the circumferential rollers D at or near their opposite ends, and are connected to drums or windlasses I mounted in the lower part of the machine-frame, so that by winding the bands on these drums a greater or less pressure can be brought to bear on the circumferential rollers.

One advantage peculiar to the bands e is that, inasmuch as they act upon all circumferential rollers simultaneously, the latter are caused to exert a uniform pressure.

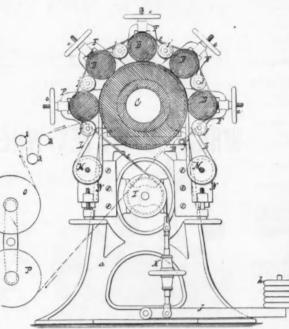
At the points where the bands, c, pass over the circumferential rollers, D, the latter are each provided with a grooved segment. In some cases a

spiral spring is arranged at a suitable point in each of the bands, e, to render the same elastic. For the purpose of setting the drums, I, levers J, carrying balance weights, h, are used, these levers being connected to the drums by means

levers being connected to the drums by means of adjustable bands, K; but if desired a crank or cranks may be used for this purpose, and in that case a suitable detent is combined with each of the drums.

To permit the action of the bands e on the cir-

cumferential rollers D, the set screws c, for adjusting the journal boxes E of these rollers, are constructed to allow the boxes a small amount of play in the slotted brackets F—that is to say, the screws are respectively formed of a threaded stem and a thumb-nut, which latter embraces such stem, and has two heads so arranged that, while the nut is adapted to move the stem, it is capable of a slight longitudinal motion.



NEW CALENDERING MACHINE.

The circumferential rollers D are severally geared with the central roller, C, by means of cords or belts L, which pass over the central roller, around guide pulleys M, and over each of the circumferential rollers, the rollers being provided with grooves i to receive the cords or belts. By this arrangement a revolving motion imparted to the central roller, C, is transmitted to each of the circumferential rollers D by means of the cords or belts.

In this example two grooves, i, are formed at each end of the circumferential rollers D, as well as the central roller, C, so that four of the cords or belts L may be used, two at each end of the rollers. The relative proportion of those portions of the circumferential rollers D, covered by the cords or pulleys L to that part of the central roller, C, surrounded thereby, is such that the superficial speed imparted to the circumferential rollers is greater than that of the central roller, the result of which is that the circumferential rollers have a frictional or rubbing action.

The guide-pulleys K are mounted in adjustable bearings N, so that by their means the ropes or belts L can be tightened, and between each two of the circumferential rollers D is arranged a small roller, j, to increase the surface contact of the cords or belts with the circumferential rollers. This last-named object can also be accomplished by winding the cords or belts L around the circumferential rollers D.

The course of the paper or other material to be calendered is indicated in the cut, the same being conducted from a roll, O, over smoothing-rollers K, and thence around the central roller, C, to a roll, P, sn which it is wound as it emerges from the machine, and if the material is to be calendered on both sides it is reversed and passed through the machine again.

If it is desired to calender the paper or other material by compression, either the set-crews, c, or the tension-bands, e, are adjusted to press the circumferential rollers, D, upon the central roller, C. In this position the circumferential rollers, D, are revolved by contact with the central roller, C, and the material passing between them is subjected to the pressing action of the circumferential rollers.

If it is desired to calender the material by friction the circumferential rollers, D, are set so that they just touch the central roller, C, but without pressing thereon, and the ropes or belts, L, are applied to the rollers, so that the material passing between them receives the rubbing action before referred to. (222,081.)

Correspondence.

Holyoke Notes.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, April 29, 1880.

The interesting topic of the week among the trade is yesterday's meeting of the National Fine Paper Makers' Association, at the Massasoit house, Springfield, and its action inreducing the price of all grades on its list one cent a pound is generally satisfactory. A few of the manufacturers though were in favor of maintaining the price until the rag market had become more settled. There was a good attendance at the meeting, mostly from this State, New York and Connecticut, and the members were rather a younger and less anxious look than when they used to

meet a year or two ago to decide how long they should let their mills lie idle. The secretary read a letter from Railroad Commissioner Fink, of New York, denying the association's request to ship paper as second or third class freight on the trunk lines of the country. The permission would have made a considerable reduction in freight, as the goods are now shipped as first class.

The paper makers in this city have not had much advantage yet of the high prices, and while they were slow in advancing they will be cautious about reducing prices very fast. Most of the mills have been working more or less on orders taken at lower prices, and if they had not also been well filled with stock, bought before the rise, they would have had to suffer. Now as the old orders are about worked off the price drops. The decline in rags is believed by many to be only temporary, and some are buying now on that busis.
While an immediate advance to the former figure is not looked for, it is felt that rags will remain firm or recover somewhat from their present condition. The very best stock has not really fallen at all. The dealers ask &c. to-day for the first quality rags, and they have been no higher

than that. The fact is, there has been so much poor packing in New York that there are now several kinds of No. 1 rags, and buyers are requiring strict guarantees as to quality before purchasing. More stock has been rejected here in the past three months than for years before, the ready market and high prices having led packers to make up a great many poor lots for No. 1 goods. The reduction of 1c. a pound on paper puts the price back where it was three months ago.

Clemens Herschel, of Boston, one of the best civil engineers of the State, has just removed to Holyoke, and, it is expected, will make his permanent residence here. He would have been here several weeks ago had he had not been detained to investigate and give his opinion in regard to the proposed Cape Cod canal. Mr. Herchel is engaged by the Holyoke Water Power Company to superintend a branch of engineering which is entirely new here—the measuring of the water used by each mill. While every one that writes anything about Holyoke is very sure to mention that it has the greatest improved water power in the world, the company owning it realizes that it is not unlimited. Until recently, however, it has gone on with its development, extending the canals and selling mill sites without borrowing much trouble about the question of exhausting the power. But of late the demand for privileges has increased so fast. and the prospect that it will go on increase still more rapidly in the future is so good, that the officers of the company have wisely decided to take an account of stock, as it were, and find out as nearly as possible how much power they have sold and how much remains for future ap plicants. The whole amount since the new dam was built has been estimated at 30,000 horse powers. Sales, or rather perpetual leases, are made by the mill-power, one mill-power taining some sixty-five horse-powers net. Calling 75 per cent. as an average capacity of the wheels, a mill-power gross would be about eighty-eight horse-powers. Now, as one hundred and seventy-two mill-powers have been sold the company finds that it has disposed of a little over 15,000 horse powers, and consequ ought to have half of its immense power still in its hands. But this estimate is a very rough one and even if it were exact there is so little certainty about the quantity of water used by the mills that it is impossible to tell how much reserve power is left in the river. Mr. Herschel's business will be to establish a system of measurements by which each mill shall receive from the

canal a quantity of water sufficient to give just the amount of power paid for. The quantity of water to give a mill-power will vary with each mill according to the height of the fall, and the work will require no little engineering skill. The best part of this season will be spent in experimenting with pipes, weirs, &c., for it is not known yet what system is the best. Other manufacturers are as interested in the subject as paper-makers, for while the latter use the water twenty-four hours in the day they pay an extra rent for the privilege.

While on this topic mention must be made of one of the most important business transactions that Holyoke capitalists have been interested in for years. D. P. Crocker and others, of the Crocker Paper Company, have just concluded the purchase of the Olcott Falls water power on the Connecticut River, near Hanover, N. H. The former owners were the heirs of Rufus Choate, the famous lawyer, of Boston, and other parties interested in Dartmouth College, which is situated at Hanover. The privilege is estimated to contain about 5,000 horse-powers, and it can be used in a limited way without much expense or fully developed by building a substantial dam and canals. The purchasers have not yet formed definite plans, but the property was very evidently not bought with the idea of letting it lie idle these booming times. A report of the transaction from Hanover, pub lished in a Boston paper the other day, made the water power nearly equal to that of Holyoke, and from the exaggerated tone of the whole item it was evident that the writer expected to see a large city of factories and mills spring up within a few months.

Holyoke has never counted for much in politics, because its best men are all too busy at other things, but we are hoping to see Timothy Merrick, of the Merrick Thread Company, sent to the Chicago Convention. Ex-Mayor Whiting, the popular and successful paper-maker, went to the 1876 convention. The districts are now talking some of sending George William Curtis, who has a country residence at Ashfield, not far

from here.

P. S.—Since writing the above I have been told that the price of rags is stiffening already, and that they cannot be bought to-day as well as a week ago.

C.

On the Use of Soluble Glass.

About the beginning of this century Professor Fuchs was the first to prepare a compound of silicic acid with alkali, resembling glass, but soluble in water, to which he, consequently, gave the name of water-glass. This compound, when in the dry state, can be distinguished from ordinary glass by means of analysis, the latter showing, besides the compound of silicic acid with alkali, a small compound of silica with metals and alkaline earths, which cause its insolubility.

Soluble glass can be divided into four kinds:

1, Silicate of potash; 2, silicate of soda; 3, silicate of soda and potash; 4, fixing water-glass.

The first can be prepared by melting together 45 parts quartz powder, 30 parts potash, 3 parts charcoal powder. The sodium silicate is prepared by taking soda ash instead of potash in the following proportions: 45 parts quartz powder, 23 parts soda ash, and 3 parts coal.

Instead of soda ash the cheaper glauber sait

Soluble glass can also be prepared by the wet way, by treating amorphous silica, for instance, powdered flint, with caustic soda, under seven to eight atmospheres pressure. According to Liebig, infusoria earth is especially suitable for the production of soluble glass; it is calcined in order to destroy all organic substances, and then dissolved in caustic soda.

may be used, and sometimes even common salt.

The double water-glass, or the silicate of soda and potash, can be prepared in the usual way, only of course taking soda ash and potash in connection with silica and charcoal.

The fixing soluble glass is a mixture of a sodium silicate, completely saturated with silica, to which is added a product obtained by melting together three parts soda ash and two parts

quartz.

The discovery of soluble glass has proved of great value in industry and the technical arts. Its first application was as a preventive against fire; it being found that the tissues impregnated with it do not burn with flame, but are only charred. By treating paper, calico, wood, &c., with a solution of silicates of soda or potash, they become not only more resistant against fire, but they acquire a greater solidity. Besides, for this purpose many other applications have been found for soluble glass; for instance, in producing artificial marble and stones, in fresco painting, &c. It is found especially useful in dyeing when employed in connection with aniline colors, and lately also in dyeing Turkey red, on account of the property it possesses of giving up silicic acid when in contact with other acids.

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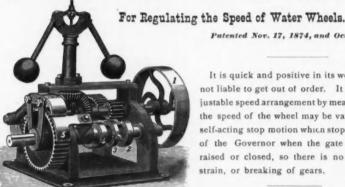
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KENDALL BROS. & GOI	DDARD,

	66	John	st.,	cor.	Willia	am,	N.	Y.
LIBMANN, JOSEPH	, &	CO.,	New 8	Ra	gs a S ward	pec st.,	iali N.	Y.
LYON, J. W., & CO.	,				8	5 Pa	rk	st.

MAHARIN, M. A., Metals,	513 Washington st
McQUADE, ARTHUR J., Foreigand Cotton Rags, 535	gn & Domestic Wooler & 537 E. 13th st., N. Y
O'MEARA, M.,	27 Centre st
PFLUGNER, J. C., Cotton and 405 West Forty-first street	

North Front st., Philade	13 Atlantic ave . Boston, 1 elphia). 534 Pearl st., N. Y	. 35
SAVAGE, JAMES, 38	6 & 388 Seventh ave., N.	Y
SERGEANT BROS	78 William st., N.	Y
SMITH, JAMES F., Jute	Waste, Bagging and Roy 36 Peck slip, N.	e Y
SMITH, THOMAS,	30 Hester	st
TAVIOR M. A. Paner s	and Paper Stock	

and any and any	398 Broome st., N. Y.
TAYLOR, E. W., Packer Diamond T. Rags,	of the celebrated Brand 8 and 10 Reade st., N. Y.
WARD, OWEN.	448 & 450 West 89th st.
Ot	

RIPPERFIELD H A ME Paul of year Procedure

	Watchman's Tim	e Detector.
AYES,	JAMES E. & CO.,	75 Duane st.
OLLEA	SE LEMM, M. M., ORD TO.	arr se., near broadway.

IMHAUSER, E., 212 Broadway, N. Y. (With Safety Lock Attachment.)

		Wire Clo	th.		
LANG,	MARIUS,	Importer of	Wire Cloth. M Bleecker st.,	N.	3

OUT OF TOWN HOUSES.

Binders' Boards.	
SHEEDER, J. FRED., Mfr. of Album, and Button Boards,	Binders', Trus Kimberton, P
BARBER, J. & J. S., Paper Stock and 621 and 623 Commerce st., I	Binders' Board Philadelphia, P

Dandy Roll Manufacturers.

HENEY BIGELOW WIRE WORKS. Springfield, Mass. Pat. Seamless Wove and Laid Dandy Rolls. Paper Bags and Flour Sacks.

BLOOMINGTON PAPER AND BAG CO., "Acme' Satchel Bottom Bags, 38 & 40 La Salle st., Chicago, Ill. RIBBANS & CO., Wholesale Paper & Twine Ware house, Paper Bags and Flour Sacks, Newark, N. J

Paper-Cutters.

HOWARD	IRON	WORKS,	F	Buffalo, N. Y.
Paper	Maker	s' Chemicals	and	Colors.
BLANCHA	RD, J. I	HENRY, Chemica 36 Batterymarch	is an	d Wood Pulp, Boston, Mass.

Paper-Making			machinery.				
USHM	AN, DWIGHT, acturer of Flume	and	Seroll			rd, Co Whe	
MATERIAL	WINCHESTED	E 0	0 000	with !	INTI d	lh a m	CW

Paper Manufacturers. CONSOLIDATED PAPER CO., 97 Washington

Chicago, Ill. J. W. FRENCH, Treas.; R. P. Dart, Sec.		
JERSEY CITY PAPER CO., Whitand Manilla Paper, 211 Wayne	te and Col	ored Tissu City, N.

KENT, HERMON L., No. 1 and No. 2 Manilla; also Rag Wrapping. Westfield, N. Y. COTT PAPER CO. (Limited), 27 N. 6th st., Philadel

Rags, Paper and Paper Stock.

Rags, &c.,	HOMAS, Dealer in Paper Stock, Woolen 249 Causeway st., Boston, Mass.
	& YOUNG, Paper Mfrs. and Wholesale Cotton & Woolen Rags. Erie, Pa.
DORAN, A.,	Wholesale Dealer in Paper and Paper

Rags, Paper and Paper Stock,-Continued.

ERIE CITY RAG	WAREHOUSE, 13 East Fifth st., Erie, Pa
B. FELSENTHAL	& BROS., Paper, Bags, Twine, Wool
en & Cotton Rag	s, 156–160 S. Desplaines st., Chicago
FOLLANSBEE, T	YLER & CO., 124 & 126 Quincy st.
Chicago, Ill. R	efer to J. W. Butler Paper Co.
GILBERT, Wm., &	CO., Paper and Woolen Mfs' Ma
terials.	11 & 13 Market st., Chicago, Ill
GRAHAM & BRO.,	H. B., Paper Warehouse and Stock
Dealers,	St. Louis, Mo
TEADDED BY O. D.	200 400 6 405 50445 05-1

HARRIS, M. & BROS., 409 & 405 Fifth ave., Chicago, Ill. Branch Houses: Dubuque, Ia.; Burlington, Ia. HARRISON, JAS., Wholesale Dealer in Paper, Paper Makers' Material, Cot. & Woolen Rags, Pittsburg, Pa LANEY, JAMES, & CO., Dealer in Paper and Paper Stock, Cotton and Woolen Rags, Rochester, N. Y. LOEWENTHAL BROS., Woolen Rags, Paper Stock 10 & 12 No. Canal st., Chicago

LOEWENTHAL, B., Dealer in Paper Stock and Wooden Rage, 51 W. Lake st., Chicago, Ill McARDLE & HART, Cotton & Woolen Rags and Paper Stock, 290 & 291 West st., N.Y., & Newburg, N.Y. MARKLE, C. P. & SONS, Mfs. of Printing and Glazed Hardware. 128 Second av., Pittsburg, Pa.

MAYER, A. B., Rags and Paper Stock Dealer, 1014, 1020 & 1022 N. Twelfth st., St. Louis, Mo MOERS, E. M., Dealer in Old & New Metals, all kinds of Wool & Paper Stock, 20 E. 2d st., Cincinnati, O. NATIONAL PAPER CO., Holyoke, Mass. Dealers in Paper and Paper Stock, Stock sold on Commission RICHMOND & CO., F. H., Paper and Paper Stock Warehouse, Cotton Waste Dealers, Providence, R. I 8NIDERS, LOUIS' SONS, Manufacturers and Whole sale Paper Dealers. 121 Walnut st., Cincinnati, O.

WINKLER, ISAAC, & BRO., Wholesale Dealers in Woolen Rags, Paper Stock, and Manufacturers' Supplies generally, 18 & 20 Main st., Cincinnati, O. ELLIOT. A. G., Paper & Paper Stock, 727 Chestnut and 726 Jayne sts., Philadelphia.

SIMMONS, JOHN, Wholesale Dealer in Paper and Rags. 20 & 22 Decatur st., Philadelphia. WALSH, D. J., & CO., 6 South Front st., Philadelphia.

All Kinds of Woolen Rags Bought for Cash.

Screen Plate Manufacturers.

ANNANDALE SCREEN PLATE CO., Repairing Old Plates a Specialty. P. O. Box 309, Paterson, N. J. ASHMUN SCREEN PLATE CO., Old Plates renewed; charges moderate; P. O. Box 210, Paterson, N. J. JUDSON, HOWARD, No. 9 Alling st., Newark, N. J. Screen Plates Renewed by the New Process.

Straw Boards and Straw Wrapping. BAUER J. C. & CO., 127 N. 4th st., Philadelphia. Straw Boards, Colored Papers, &c. Lining a specialty

TUCKER'S, E., SONS, Straw Boards, Paper and Pa per-Box Mach'y, 160 Trumbull st., Hartford, Ct Wire-Cloth Manufacturers.

HOLYOKE WIRE WORKS, Fourdrinier Wires and Dandy Rolls. BUCH&NAN, BOLT & CO., P. O.

Box 463,	Holyoke,	Mass.	
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Rags and Paper Stock.

IMPORTATIONS OF PAPER STOCK, PAPER, BOOKS, CHEMICALS, &c.

WALKER, J. R., Dealer in Paper Stock, Woolen Rags and Scrap Metals, 30 & 34 Foundling st., Montreal.

IMPORTS of Paper and Paper Materials, Books, &c., at the Port of New York, for the week ended April 23, 1880. Quantity given in packages when not otherwise specified.

Aniline Colors	46	\$6,526
Alum	_	-
Aluminous Cake	-	-
Bleaching Powders	572	9,908
Soda Ash	2,186	56,599
Soda, Bicarb	500	1,274
Soda, Caustic	1,277	22,092
Soda, Sal	100	125
Ultramarine	43	1,224
Books	200	23,442
Newspapers	29	1,428
Engravings	23	4,766
ink	45	2,782
Lead Pencils	10	1,781
Paper	201	15,392
Steel Pens	9	6,013
Stationery	7	683
Slate Pencils	185	1,761
Clay	_	4,044
Jute Butts	18,629	103,487
Jute Rejects and Cuttings	954	6,808
Paper Hangings	22	3,845
Paper Stock	11,610	221,425
Terra Alba	_	
Waste	32	1,574
Totals	36,630	\$501,929

TOTAL IMPORTS.	
General Merchandise, for the week ended April 23 Paper, Paper Stock, &c.—	\$8,606,373
For the year ended May 28, 1873	15,074,825
For the year ended May 22, 1874	
For the year ended May 21, 1875	
For the year ended May 26, 1876	
For the year ended May 25, 1877	
For the year ended May 24, 1878	
For the year ended May 23, 1879	9,561,091
For the quarter ended Aug. 22, 1879	2,439,969
For the quarter ended Nov. 21, 1879	3,146,112
For the quarter ended Feb. 20, 1880	3,130,390
For the week ended Feb. 27, 1880	405,342
For the week ended Mar. 5, 1880	314,211
For the week ended Mar. 12, 1880	
For the week ended Mar. 19, 1880	877,051
For the week ended Mar. 26, 1880	
For the week ended Apr. 2, 1880	
For the week ended Apr. 9, 1880	212,790
For the week ended Apr. 16, 1880	293,385

IMPORTS of Rags and Paper Stock at the Port of New York, since Jan. 1, 1880, from the follow-ing Ports, showing quantities from each Port.

	Rags. Bales.	Stock. Bales.	Stock. Bales.
Alexandria	1,013	mental.	-
Amsterdam	-	1,085	-
Antwerp	4,195	3,568	707

	Rags.	Stock.	Stock.
	Bales.	Bales.	Bales.
Amoy	4		_
Aspinwall		55	-
Bermuda	20		-
Bremen	1,458	1,231	186
Bristol	602	1,979	118
Buenos Ayres	—	76	
Calcutta	830	-	-
Cardiff	5	591	263
Catania	451	X. 10000	
Copenhagen	870	-	
Dundee		1,629	570
Glasgow	1,839	9,792	146
Genoa	2,448	150	_
Guantanamo	—	26	
Hull	2,422	5,520	71
Hamburg	1,638	1,005	
Hayti		29	-
Hiogo		631	
Jamaica	54	2	_
Leith		701	
London	5,047	21,620	4,406
Liverpool	1,364	6,441	444
Leghorn		40	
Malta		-	
Montevideo		37	-
Nassau	33	-	
Newcastle		1,931	1,475
Odessa		_	
Oporto		40.000	-
Pillau		-	
Point a Pitre		8	
Rotterdam		1 22	
Singapore			
Stettin		_	
Trieste			
	040		

EXPORTS of Paper, Books, &c., from the Port of New York to Foreign Ports for the week ended April 28, 1880, with Aggregates and Values.

BOOKS, cases, to Hamburg, 3; to Bremen, 4; to Hull, 1; to Mexico, 8; to Liverpool, 20; to London, 1; to New Zealand, 2; to Havre, 1; to United States of Colombia, 4; to China, 8; to Japan, 4; to Glasgow, 5. PAPER, to Hamburg, 1 cs.; to Bremen, 2 cs.; to

PAPER, 101 Hamburg, I cs.; to Bremen, 2 cs.; to Chas, 24,657 rms., 10 pkgs.; to Porto Rico, 3,662 rms.; o Hayti, 16 pkgs.; to Mexico, 41 pkgs.; to Liverpool, 26 pkgs.; to London, 100 cs.; to British West Indies, 800 rms., 9 pkgs.; to United States of Colombia, 50 pkgs.; to Argentine Republic, 10 cs.; to Chili, 4 cs.; to Japan, 1 cm.

STATIONERY, cases, to Hamburg, 4; to Cuba, 15; to. Porto Rico, 2; to Hayti, 1; to Mexico, 12; to Liver-pool, 4; to London, 6; to British West Indies, 5; to United States of Colombia, 30; to Argentine Repub-lic, 18; to China, 3.

ADDRESATES AND VALUES. 96 510 67 906

repor, remine	40,010	De 1000
Paper, pkgs	152	3,893
Paper, cases	118	1,715
Books, cases	61	6,169
Rosin, bbls	5,444	15,382
Stationery, cases	100	11,448
Totals	34,394	\$45,910
PERSONAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF T	1 1	

TOTAL EXPORTS.	
General Merchandise, for the week ended	
April 28, 1880	
Paper, &c., for the year ended May 26, 1874. 1,783,8	
Paper, &c., for the year ended May 25, 1875, 2,327,6	
Paper, &c., for the year ended May 23, 1876. 1,654,3	
Paper, &c., for the year ended May 29, 1877. 1,790,6	
Paper, &c., for the year ended May 28, 1878. 1,576,5 Paper, &c., for the year ended May 27, 1879. 1,889,7	
Paper, &c., for the year ended may 27, 1879. 1,505,7	
Paper, &c., for the quarter ended Nov. 26, 79, 544,1	
Paper, &c., for the quarter ended Feb. 25, '80, 457,8	
Paper, &c., for the week ended Mar. 3, 1880. 29,8	
Paper, &c., for the week ended Mar. 10, 1880. 68,4 Paper, &c., for the week ended Mar. 17, 1880. 33,2	
Paper, &c., for the week ended Mar. 17, 1880. 65,7	
Paper, &c., for the week ended Mar. 31, 1880. 30,1	
Paper, &c., for the week ended April 7, 1880. 44,8	
Paper, &c., for the week ended Apl. 14, 1880. 39,8	
Paper, &c., for the week ended Apl. 21, 1880. 16,6	99

NEW YORK IMPORTS.

FROM APRIL 23 TO APRIL 30, 1880, INCLUSIVE.

Rags, &c.
P. Ahern, City of Chester, Liverpool, 21 bs. rags. ecknagel & Co., Holland, London, 80 bs. paper

O. Keenan's Son, by same, 37 bs. paper stock. J. L. Taylor, Prima Donna, London, 370 bs. paper tock. R. W. Ropes, J. Kitchen, Buenos Ayres, 46 bs.

W. H. Parsons & Co., Devonia, Glasgow, 129 bs. pa

per stock.

O. Keenan's Son, by same, 56 bs. paper stock. R. B. Briggs, by same, 130 bs. paper stock.
J. L. Taylor, by same, 47 bs. paper stock.
R. B. Briggs, Kallisto, Dundee, 396 bs. paper stock.

J. L. Taylor, by same, 1,233 bs. paper stock. Lee & Sturges, Victoria, London, 1 bl. rags. Lee & Sturges, Titan, Montevideo, 37 bs. paper

Lee & Sturges, Rhein, London, 167 bs. paper waste. Lee & Sturges, Isaac Webb, London, 2:3 bs. paper

vaste. S. W. Parker, by same, 291 bs. paper stock. W. I. Clark, by same, 155 bs. paper stock. Lee & Sturges, Sorrento, Hull, 600 bs. paper Fett & Sengstak, by same, 74 bs. paper stock.

S. W. Parker, by same, 117 bs. paper stock. R. B. Briggs, by same, 73 bs. paper stock. Cohn. Lazarus & Co., by same, 235 bs. paper stock. Lewy Bros, by same, 221 bs. paper stock R. B. Briggs, Constantine, London, 78 bs. paper

J. W. Lyon & Co. by same, 100 bs. paper stock. J. L. Taylor, by same, 304 bs. paper stock.S. W. Parker, De Ruyter, Antwerp, 574 bs. paper

Lee & Sturges, Italy, London, 147 bs. paper stock. W. H. Parsons & Co., by same, 288 bs. paper stock. Recknagel & Co., by same, 26 bs. paper stock. Hayward & Perry, Alexandrovna, Liverpool, 53

bs. paper stock.

M. A. Ring & Sons, Dunobín, Liverpool, 121 bs. O. Keenan's Son, Prior, Glasgow, 78 bs. paper

W. I. Clark, by same, 81 bs. paper stock, W. H. Parsons & Co., by same, 21 bs. paper stock. Cohn, Lazarus & Co., by same, 125 bs. paper stock. Cohn, Lazarus & Co., Bremen, Rotterdam, 22 bs.

J. Lihmann & Co., Hohenstauffen, Bremen, 65 bs paper stock.
Campbeli, Hall & Co., Grace E. Cann, Hamburg,

69 bs. paper stock. Fett & Sengstak, by same, 40 bs. paper stock. Jessup & Moore Paper Company, by same, 54 bs. paper stock. Joel Rose & Co., Johanna Carl, Bremen, & bs. pa-

Hagemeyer & Brunn, by same, 53 bs. paper stock. Campbell, Hall & Co., by same, 42 bs. paper stock. . Parker, by same, 234 bs. paper stock.

W. I. Clark, Elysia, London, 205 bs. paper stock. W. I. Clark, State of Alabama, Glasgow, 15 bs. pa-

per stock.
S. W. Parker, J. F. Whitney, Amsterdam, 609 bs.

S. W. Parker, W. C. Heard, Amsterdam, 426 bs.

paper stock.
S. W. Parker, McDougall, Liverpool, 1,184 bs. pa-

The Crocker Manufacturing Company, by same, 43 bs. paper stock. Paper.

Il. L. Solomon & Sons, Amerique, Havre, 2 cs.

Mayer, Merkell & Ottman, Herder, Hamburg, 7 cs. E. & H. T. Anthony & Co., by same, 4 cs.

L. De Jonge & Co., by rame, 9 cs. colored.

B & P. Lawrence, by same, 49 bales, 5 cs. coarse.

A. Moller, Hohenstauffen, Bremen, 2 cs.

G. J. Kraft, Neckar, Bremen, 3 cs.

R. Gledhill, Britannic, Liverpool, 1 cs. hangings.
J. cGrath, by same, 4 cs. hangings.
C. Fougera & Co., Dornia, Bordeaux, 44 cs.

F. R. Arnold & Co., by same, 16 cs. B. Ilifelder, Hevelius, Liverpool, 3 cs. Gane Bros., by same, 8 cs. W. Schuster, by same, 13 cs.

Merchants' Dispatch Company, Victoria, London 2 cs. hangings.

McKesson & Robbins, Bolivar, Bordeaux, 20 cs.

BOSTON IMPORTS.

FROM APRIL 22 TO APRIL 28, 1880, INCLUSIVE. [Note.—By order of the Treasury Department at Washington the names of importers of merchandise at this port are withheld from the press. Parties wishing their names to appear in the reports of imports will please communicate with J. Henry Blanchard, No. 86 Batterymarch street.-Ep.]

Books. Order, Marathon, Liverpool, 1 cs. Order, Atlas, Liverpool, 1 cs. Little, Brown & Co., Malta, Liverpool, 11 cs. Boston Athenæum, by same, 2 cs. C. Schoenhof, by same, 1 cs. E. A. Snow, by same, 2 ca Order, by same, 2 cs. Order, by same, 1 cs.

Order, by same, 1 cs. Estes & Lauriat, by same, 3 cs. Order, M. A. Franklin, Port Elizabeth, 1 cs. Paper. Order, Pembroke, Liverpool, 1 cs. pamphlets and

charts.

Order, Olympus, Liverpool, 1 cs. copying.

Order, Minnesota, Liverpool, 1 cs. writing.

A. P. Schmidt, Maita, Liverpool, 5 cs. music.

W. H. Cundy, by same, 1 cs.

Paper Stock. D. H. Tully & Co., New York, Palermo, 250 bs. rags Haskins & Montague, Carroll, Halifax, 56 bs. paper

Order, A. C. Major, Liverpool, N. S., 350 lbs, paper

C. A. Cheney, Pembroke, Liverpool, 1,097 bs. paper

Train, Hosford & Co., Bulgarian, Liverpool, 108 s. paper stock.

Train, Smith & Co., by same, 164 bs. paper stock.

M. A. Ring & Sons, Bavarian, Liverpool, 95 bs. pa. Soda Ash.

W. B. Reynolds & Co., Bulgarian, Liverpool, 28 J. L. & D. S. Riker, by same, 160 cks.

Warren & Co., Pembroke, Liverpool, 281 cks. Caustic Soda.

Warren & Co., Pembroke, Liverpool, 100 drums. Bleaching Powder.

W. B. Reynolds & Co., Bulgarian, Liverpool, 53 Morey & Co., Malta, Liverpool, 100 cks.

Salt Cake.

J. L. & D. S. Riker, Bulgarian, Liverpool, 65 fcs.

China Clay.

Morey & Co., Marathon, Liverpool, 333 cks.

PHILADELPHIA IMPORTS.

Soda Ash.

Brown Bros. & Co., Levi G. Burgess, Liverpool, 163 cks. Brown Bros. & Co., Indiana, Liverpool, 54 cks. Cooper, Smith & Co., by same, 95 tes Order, by same, 1 csk., 32 tes.

Paper Stock.

Chas. Becke. Indiana, Liverpool, 3 cs. paper.
B. Hamill & Co., by same, 20 bs. paper wasta.
Lawrence, Johnson & Co., Fannie H. Jannings,
Liverpool, 21 bs. paper stock.

PURE, NATURAL

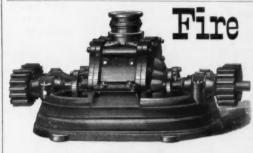
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The American Paper Trade. Weekly, \$4.00 per annum. 10 Cents Single Copies.

NEW YORK: SATURDAY, MAY 1, 1880.

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THE JOURNAL contains the latest and fullest formation relative to the paper trade in all parts of the world, including descriptions of new appliances and processes for making paper, experin new fibres and other materials, a record of the water 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 compo persons in the trade, both at home and abroad. market review and quotations show the state of trade in all the principal cities, and no pains have been

Foreign subscribers may address our New York

Communications on matters of interest to the trade 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.

ons must be addressed to

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Pedro Obregon La Guaira, Venezuela.
Pedro Obregon La Guaira, Venezuela. Imp. de "El Ferrocarril" Montevideo, Uruguay.
Hethencourt e hijosCuracos. w. L.
Da Costa & Co Barbadoes, W. I.
Chas Bartlett, Jr. & Co St. Pierre, Martinique, W.L.
J. O. Ryder Tamatave, Madagascar.
I. J. Cohen de LissaPort Louis, Mauritius.
Josquin G. Castilla Tampico, Mexico.
G Cato Durban Natal
Honolulu, Sandwich Is
Thomas G. Thrum lands.
Thomas G. Thrum. Honolulu, Sandwich Islands. John G. Clark
C. Haight Toronto, Canada.

TO CORRESPONDENTS.

As THE PAPER TRADE JOURNAL is the recogn nication in matters of trade in terest, we will be glad to receive correspondence from all parts of the country. Information and suggesupon paper-making topics are especially valu-and manufacturing news and personal items are equally acceptable

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Readers of this paper who avail themselves of the information obtained from its columns, by advertise-ment or otherwise, are requested to notify their cor-respondents of the source of their information.

THERE is no end to the projects for beating our industry. It is now proposed to repeal the act extending the Voelter patent. This proposition is to have a hearing before the House Committee on Patents on Tuesday next. There seems to be a good deal of malignity afoot.

And yet another effort is to be made to rub the paper trade to the "raw." The sub-committee of the Committee on Ways and Means will report a draft of a bill on Tuesday. It is stated that books, pamphlets, magazines and newspapers are to be added to the free list. This, if adopted. will bring about such a rush of foreign printed matter as will materially affect our publishing interests and cut down the demand for paper. Do the paper trade yet realize that their enemies are "going for

Funny ideas some people have of paper making! A correspondent of the American Stationer writes of a capitalist who ap-

new mill. Mr. C. did not know anything make straw boards or fine writings, running on one or the other as trade demanded. The correspondent opened wide tracts for that mill are not let yet." Guess not.

THE rejection of the proposition to put an export duty on rags in Germany is a grievance which the German paper trade find it hard to submit to. The great demand for rags has compelled the importation of substitutes for the domestic stock. and while, therefore, they are not without the means of keeping their mills running they find it hard to meet competition abroad. We learn from the Papier Zeitung that the scarcity and dearness of stock have already had the effect of depreciating the quality of the product, and this, of course. tells in the market. This our contemporary calls a "positive blow dealt at the national prosperity."

TINKERING WITH THE TARIFF.

One of the chief drawbacks to the continued advancement of the commercial interest of the United States is the blind allegiance to party, and the consequent enforcement of partisan principles, even when they are out of proportion to the times and destructive of the hest interests of the country. It is simply trying to cramp national interests in order to put them into the narrow grooves of what may be called party idiosyncracy. A good illustration of this is found in the continued "tinkering with the tariff."

In ante-bellum days the great principle of democracy was free trade. It was at once the battle-cry and the inscription on the banner of that party. The war, however, gave birth to higher and to louder battle cries, and free trade was silenced by the roar of guns, and its principles were ignored by the nation's necessities, which demanded high tariff to enable the republic to preserve her autonomy. The echoes of the battle field having died away, and the development of our national resources. under a protective system, having brought the republic out of the "alough of despond." so that her income is at least equal to her outgo, the free trade element has begun to emerge from its enforced silence-enforced by circumstances which were as sermons of condemnation to the principle-and are now demanding that the tariff shall be lowered to a point where, by the strictest economy, the Government can raise just enough of money, and no more, to meet its incidental expenses.

Now we wish it understood that we are neither "free trade" nor "protective" in the strict party sense of these terms; nor are we "Democratic" or "Republican," for this issue is not now strictly made on party lines. We are simply for the best interests of American commerce and American manufactures, and we do not reason upon what is or is not the best line of policy to adopt for the development of our commerce and manufactures from within party, but from without and above all parties. The result of our reasoning is simply this: Under a tariff the agricultural States have been developed to a degree unedented in the history of national devel opment. From being the producers of raw materials and the purchasers of the manufactures of Europe we have risen to be a nation unequaled in the production of the former, and only surpassed by a few nations in manufactures.

We simply ask our "free trade" Congressmen, with the utmost respect for their principles, if they can conscientiously say that the United States would be known to-day in the world of manufactures. unless as a purchaser of foreign manufactures, under a free-trade régime? We might as well expect the child to spring into the attitude of the man without the guidance and protection of the mother, or that an unorganized body of the bravest men in the world could organize in the presence of an aggressive and thoroughly equipped army, as to expect that the manproached him with a view of starting a ufactures of the United States could have

been developed without "national protecabout paper making, but was willing to tion." These things seem to us so selfdue respect to them, we feel certain that even our leading free traders in Congress, his eyes, but naïvely remarks that "con- in their "tinkering with the tariff," are doing violence to their real beliefs, and are simply thrashing around to please a few provincial constituencies, by flourishing this phantom flag of a dead principle, "Free trade.

> We want no higher evidence of their polite insincerity than the cavalier and entimental manner in which they approach the subject, the insidious way in which they seek to crawl in under the tent. like boys at a circus, with petty grievances, believing that if once the head of the serpent gets in, the whole subtle body will follow. Backed by a great part of the country newspapers, they seek relief from the burden of paying American manufacturers for their paper by assuring Congress that England and France and Germany could sell paper at less rates than the American manufacturers supply it. We have no doubt but they could. So could England supply the American people with newspapers, for that matter-as it certainly does, under American names, judging from the very forcible manner with which so many of our journals advocate the English principles of shutting up our factories, and sending our working people adrift, in order to keep British factories and their workingmen employed.

If the newspapers of the country find that they are losing money by purchasing American paper, let them increase the price of their "merchandise," for the newspaper, as a rule, is merchandise, started on as speculative a basis as a paper factory, carried on by speculative men, whose first aim is profit-ignoble, commercial profit! This assumption of superlative airs by the firm of "Strong, Grab & Wiley" (who are known as the most unscrupulous " bullers and bearers" in the communities in which they reside), because they publish the Guardian of Liberty or the Bunkum Self Immolator, is getting to be rather "blazy." The people are beginning to doubt whether Sippy Noodle, who never was remarkable for principle or honor, who, mayhap, spends half his time at a neighboring bar, or is the hired servant of some public speculators, and writes to order-we say, the people are beginning to ask themselves why they should bow down to the dust before this hired quill-stabber because he hides behind the editorial WE any more than before the plain and undisguised plotter, politician, stock speculator, &c., who does business openly and bravely in the face of the people, as any big dealer in stocks and in anything else in which there is a dollar to be made?

This newspaper demand-which was as thick with menace to Congressmen as the impersonal "We" could make it-that the entire manufacturing industry of the United States shall be jeopardized, in order to enable the publishers of newspapers to purchase their paper of British or French or German manufacturers at the 1/sth of 1-16th of a cent per pound less than they purchase it now from our and manufacturing interests of the United home manufacturers, is entitled to no more consideration from Congress than the petition of any other single inter thinks it has no right to help in the general other principle but that of selfishness in it. If those public benefactors and self-immolators-on-the-shrine-of-public-interests who growl because they must publish newspapers on American-made paper, find out that they cannot do so profitably enough without being permitted to buy foreign stock, let them increase the price of their wares. We suppose that one-tenth of a cent per copy would compensate them for the outrage, to which they are forced to submit, of being obliged to encourage home manufacture. We are of the opinion these publishers were to increase the price

who are loudest in their demands for spouter of free trade sentiments would foreign paper are those who have grown evident to all reasoning men that, with all plethoric by the use of native paper. One leading case in a Western city will suffice as an illustration. The editor of the journal to which we refer started in a Western city some twenty years ago with nothing but "brass" and a big WE. Now he is a "bloated aristocrat," publishes his paper in a palace and actually threatens that if Congress does not abate this outrage of protecting the American paper manufacturers, why that he will start a paper mill of his own to supply his own wants? We only wish all the other newspaper men would get mad and do likewise, for this would add to our home manufactures. But it strikes us that this one editor has made more money while using American paper than all the paper manufacturers in his State.

> Let our people look around in all of our cities and behold the great newspaper palaces which are head and shoulders above all other edifices, and whose proprietors, "individuals" or "corporations," are among the most potent in the land. And yet these magnates are not happy-they want foreign paper! Perhaps they may want foreign kings, queens, courts and a higher order of humanity next! At present American paper is the vulgar link which binds them to citizenship. We think it best to hold them by that link-it is the "meat on which they have grown so great," and they should not despise it

But to our Congressmen. After all, there ought to be an overwhelming majority of good sense and patriotism in Congress. It is true that there, as in other assemblages, a fussy minority is always ruffling the surface of legislation-like the schoolboy skimming a flat pebble along the surface of a lake, making a good deal of splashing that Bunkum, with its open eyed and mouthed constituency, may see, hear and wonder. There are those, too, who try to make the most of shifting opinions or increase their importance by utilizing the prejudices or personal grievances of noisy declaimers. From such men of little gifts little is to be expected, but we call upon the earnest, thoughtful and intelligent representatives of popular will to make their influence felt, and we rely upon them to defeat any tinkering with the tariff. We submit that this a national subject, covering the entire industrial interests of the country, and that the tariff can only be changed after the fullest and most comprehensive investigation. Let Senator Eaton's idea of a commissioncomposed of the best minds and hearts of Congress-be carried out. Let this commission take plenty of time to investigate the whole question, not only in its national but its international bearings.

How many of our tariff tinkers have taken into consideration the changes which have taken place in Europe within the last five or ten years in tariff legislation? Do they know, or do they blind themselves to the fact, that Europe-England and Holland excepted-is now protective? Do they know that Germany, the cheapest labor country, the most plodding and industrious-the country which was considered the last in the world to require protection-had to introduce a tariff, cases, in order to save her manufactures development of the nation's welfare, and is from utter prostration? Do they know simply a selfish demand, and there is no that a strong cry for protection is arising in England, and that many of England's free trade apostles are beginning to vield to the protective demands of the country, although what they could protect is a question whch puzzles us?

Now, then, in the face of a highly protective policy in Europe, our free trade advocates would open our doors to European manufactures, while Europe has shut her doors against ours-as far as she can shut them! Were Europe free trade as of old, we could understand a free trade movement in the United States now; but free that the American people would not pull trade at present is an utter impossibility, down the pillars of the constitution if unless its advocates desire the destruction of American manufactures and all other inof their papers, say, one-half a cent per copy. dustrial interests, and such a desire would We note, however, that those gentlemen be treason from which the most flippant on Saturday last.

Let this commission be appointed. There are many things which can bear alteration in our tariff laws. The commission will investigate the general and special tariffs of other countries: will investigate our trade relations with each; will investigate the drawbacks to our our export trade; will perhaps find out where we can admit free special articles necessary to our manufactures: will find out that, while we can make no general change in our general tariff laws, we can enter into special agreements with special countries whereby they will admit certain of our manufactures free, or at low rates, for reciprocal action toward certain of their productions entering the United States.

We care not which party the members of this commission shall belong to, provided they shall enter into this investigation divested of the straight jackets of "isms," honestly determined to do that which is for the best interests of the whole country.

But we do protest against any more 'tinkering with the tariff." merely to satisfy the ambition-which seems to fill the souls of some of our legislators -of listening to the tintinnabulation of their own sweet voices as they float over the waters toward

Communications.

has anything of value or interest to impart. Items of news, trade gossip, and personal information will be gladly received. Correspondents are requested bility for the opinions of correspondents attaches to bility for the opinions of correspondents attaches to reach this office by Wednesday night or Thursday morning, of each week, to insure insertion.

Something Unprecedented.

To the Editor of The Journal:

An item in your issue of April 10 makes mention of a Fourdrinier wire just taken off by the Parsons Paper Company, Holyoke, Mass., which had been running five months. It is said that this wire has run off five hundred tons of paper. This, if correct, is a feat hitherto unprecedented in the annals of paper-making.

Yours, A. L.

A Correction.

STUBBINS VALE MILLS, RAMSBOTTOM, To the Editor of The Journal:

On account of erroneous statements having been published in THE PAPER TRADE JOURNAL and circulated here and in America, I beg to say that I am the only surviving partner of the original firm of J. & J. Porritt, established as felt manufacturers February 7, 1829, when I took our first order from J. & T. B. Crompton, Farnworth Mills, near Bolton. In 1850 we built new works under my special superintendence, and removed in 1852, changing the firm to Porritt Bros. & Austin, Stubbins Vale Mills, Ramsbottom, near Manchester. Joseph Porritt withdrew from this firm in 1856; before this time there was no such firm as Joseph Porritt & Sons. Samuel Porritt withdrew in 1866. John Austin died March 15, 1871. My only partners being my two sons, at the above address, where we have since continued to manufacture by patent machinery all kinds of felts used in paper making. I am sorry to trouble you, but cannot allow the incorrect statements made to remain without contradiction. H. C. Hulbert & Co., 13 Beekman street, New York, are now and have been for more than twenty years our sole agents in the United States of America.

Yours truly, JAMES PORRITT. Senior member of the firm of Porritt Bros. & Austin, Stubbins Vale Mills, Ramsbottom, near Manchester, England.

The statements referred to appeared in THE JOURNAL of November 22, 1879, and were contained in an article descriptive of the Helmshore Works. The writer was our regular London correspondent, who in his letter in THE JOURNAL of April 17, 1880. explains how the mistakes crept into that article.-Ep.1

Trade Reminiscences

To the Editor of The Journal:

It was in the year 1848, as near as I can recollect, that I first heard of belts for driving rag engines, and it was fully three years later when I saw them in operation. I have no idea who suggested the belt, but there is one thing I do -that with the first engines I tended driven by belts I was awfully scared for fear the belts would break or slip off from the pulleys. I see it is claimed by your correspondent "Harold" that John Ames, of Springfield, Mass., was the originator of the belt and also the cylinder washer. Not knowing anything to the contrary. I would suppose your correspondent's state is correct. The reminiscences of the trade are interesting, and I would like to read more of FAIR PLAY.

Hugh Cragie had a finger crushed in the calender of the Cumberland Paper Mills, Me.

Changes, Removals and New Firms.

W. T. McCreight, publisher, Franklin, Ky., is closing out his business. H. C. Johnson, printer, Vergennes, Vt., has

sold out to George Wilmarth. Samuel Woods, bookseller and stationer

Kingston, Ont., Canada, has sold out. C. E. Slocum, publisher of the Herald. For

eston, Ill., has sold out to L. G. Burrows.

William Templeman, printer, Almonte, Ont. Canada, has advertised the sale of his business.

A. W. Miller, publisher of the Republican, Kenton, Ohio, has sold out to Geo. W. Rutledge. Cline & Carraway, booksellers and stationers, Perryville, Ind., have removed to Ladoga, same

Gustav L. Jaeger, straw board and lining, this city, has removed to 136 and 138 Mulberry street, near Grand.

The Holden Manufacturing Company, sta tioners, Dayton, Ohio, has sold out to A. C. Holden and M. E. Newcomer. Style of the firm is unchanged.

Mrs. Lucy Freeman, books and stationery, Central City, Col., has admitted to partnership M. B. Hyndman, under the name and style of L. Freeman & Co.

Oliver Butler, printer, Biddeford, Me., has sold out to A. J. Small.

Phinney & Varney, printers, Waltham, Mass. have dissolved partnership.

Henry Moss, dealer in paper-hangings, Springfield, Mass., has sold out to F. Wiese William S. Kelley, bookbinder, Bridgeport,

Conn., has sold out to E. F. Provandie & Co. Getchell Brothers, printers, Boston, Mass. have dissolved partnership. A. C. Getchell

Cabot, Bowles & Co., brokers in paper stock. this city, have removed from 85 Beaver street to 81 Water street.

Fett & Sengstak, importers of rags, jute and paper stock, have removed their office to 59 William street, in the Commercial Building.

Pinkham & Co. is the style of a new firm recently started on Franklin street, Boston H. V. Pinkham, the senior member of the firm, is well known among the trade, having been lo cated some years ago on Friend street.

Molleson Brothers, dealers in writing, book news and manilla paper, who have occupied the ground floor and basement of 18 Beekman street for some time, will take the four upper floors of the same building after May 1, in order to ac comodate their large increase of business.

Failures.

J. P. Tilton, bookseller and stationer, Salem Mass., has filed a petition in insolvency.

The German Book and News Company, of Chicago, whose assignment was reported last week, has liabilities amounting to \$27,342.85, including \$17,000 to merchandise creditors, and estimated nominal assets of \$22,000. Its embarrassment is said to have been brought about by its publication of a daily semi-religious paper which has resulted in considerable loss to the concern in its efforts to keep it alive, outside of which its legitimate stationery, book and news business was remunerative. A meeting of its creditors was held at the Stationers' Board of Trade rooms on Wednesday afternoon, but no proposition for terms of settlement was made and no other business was transacted beyond placing the matter in the hands of the appropri ate committee. A creditor expressed the opin-ion that the concern would be able to pay about 50 cents on the dollar of its total liabilities.

Chattel Mortgages.

[In the appended list R signifies a renewal of pre-existing mortgage; b. s., bill of sale; and real, a mortgage on real estate.]

NEW YORK CITY.		
and a grant of the same of the	Amount.	
and the amount of the bound of	\$1,900	
T. R. Dawley	2,712	
J. Hay, Jr	3,800	
T. Holman (R)	5,500	
G. H. Schmidt	1,500	
R. Handy	500	
A. R. Smith	1,700	
H. Truss	100	
J. Turney	351	
NEW YORK STATE.		
E. Kearns, Lockport	100	
-		
EASTERN STATES.		
Chas. L. Storrs, Boston, Mass	1,464	
J. B. C. Woodcock, Boston, Mass	75	
WESTERN STATES.		
E. Bartholomew, Chicago, Ill	2,250	
C. Dresser, Chicago, Ill	700	
C. N. Trivess, Chicago, Ill	275	
J. B. Wyman, Oakland, Cal	900	
J. E. Dunn, Springfield, Ill. (Real)	1,900	
W. T. Dowdall, Pecria, Ill. (R)	2,000	
Wolfenbargar & Heath, David City, Neb	1,400	
R. M. Loomis, Harrison, N. J		
F. C. Mugler, Cleveland, Ohio	100	
Finas		

Fires

A fire broke out at Mitchell & Levy's printing and stationery establishment, No. 20 White street, this city, on Thursday of last week, and did slight damage to their stock. Gaines & Co. paper-box makers, were located on the third floor of the same building and suffered about \$100 damage. The origin of the fire is unknown.

The paper warehouse of the Kalamazoo Paper Mill, at Detroit, Mich., was destroyed by fire on Wednesday. It took fire from the spark of a locomotive. The loss is \$15,000.

The paper-stock warehouse, with stable and four valuable houses, belonging to James C. Smith, Richmond, Va., was burned on Thursday night, April 22. Loss, \$60,000; insurance o buildings, \$5,000.

Personals.

Arthur Smalley, of Butterworth & Smalley, Manchester, England, sailed for his home in the steamer Bothnia on Wednesday.

George W. Rea, manager of the felt, aniline, and ultramarine department of Butterworth & Smalley, has arrived safely in Europe and expects to return home in about two weeks

General Notes.

The chattel mortgage given by John C. Parker, bookseller and stationer, Washington, D. C., to Willy Wallach and E. T. Mudge, in July last, has been released and discharged of record.

Cabot, Bowles & Co. have secured the comm dious warehouse, 81 Water street, three doors north of Old Slip, where they have fine storage lofts and will receive any merchandise on storage at lowest current rates.

The New York Central and Hudson River Railroad Company recently disposed of a portion only of its waste paper gathered from different stations along the road. This collection filled ten cars and brought about \$11,500.

The Farrel Foundry and Machine Company. Ansonia, Conn., is said to be the most extensive manufacturer of chilled rolls in the country. It makes a specialty of chilled rolls and regrinding by Poole's method, and is ready to meet all orders from the trade with dispatch.

Petitions are pouring into Congress for relief from claims for infringement of the driven-well patents. It is sought to have the penalties fall upon manufacturers and dealers and not upon innocent users of the wells. A joint resolution has been introduced in the House, instructing the Attorney General to bring suit in the nam the United States, to cancel the letters patent sued in 1868 and 1871 to Nelson W. Green for this kind of well, on the ground that Green was not the original inventor and that the device had been in use for years in many parts of the country, and had long been common property.

It was recently reported that Edward C. Palmer, of New Orleans, had been convicted and sentenced to imprisonment for appropriating money belonging to or deposited in the isiana Savings Bank. This judgment has been reversed on appeal, the Supreme Court of the State of Louisiana deciding that Mr. Palmer's conviction was illegal. The court therefore ordered that the verdict and sentence be set aside and the indictment quashed as not good in law. The decision is a lengthy review of the proceedings and of the objections thereto urged on Mr. Palmer's behalf, but is too long for publication in THE JOURNAL. It seems to be exhaustive in disposing of the case and setting aside the judgment against Mr. Palmer.

A suit has been commenced by Henry E. Sprague, of this city, against Butterworth & Smalley, to recover \$4,683.10, the value of 266 bales of Malta colored cotton rags. It appears that these rags were bought by the defe of the plaintiff and sold to the Rochester Paper Company and shipped to its mill at Rochester, N. Y., which, upon their arrival, refused to ac cept them, it is said principally upon the ground that the quality was not as represented at the time of purchase. Immediately following this notification of rejection on the part of the Rochester Paper Company, Butterworth & Smalley demanded of Mr. Sprague a drawback or allowance for rubbish which they claimed was contained in the stock. This, it is plaintiff refused to allow, and hence the suit to recover the value. The plaintiff has attached the same rags he sold and which were sent to Rochester, and also the firm's account of bank deposits in one of the city banks. The defendants defend the suit, as they allege, on the grounds of fraudulent packing.

Hersey's patent rotary pump, manufactured by Hersey Brothers, Boston, Mass., is very sim ple in construction, has no valve, runs back wards or forwards, will pump any liquid that will flow, cannot clog, as anything that passe into the pump must pass out, requires but little power to drive it, is set up by simply bolting it, can be applied to any use for pumping, can b left dry when not in motion to prevent injury from freezing, and cannot get out of order. For a cold-water pump it is said to be unsurpassed and for simplicity and durability without an equal, the working parts of the pump being composed of but two pieces. This firm has been man ufacturing rotary pumps for ten years, and more than 2,000 of them have been put in use, undergoing severe tests in pumping paper-pulp, thick oils, hot tallow, soap and other liquid sub-The attention of the paper trade is specially invited to their qualifications. The in the same direction. In the discount market firm can be addressed corner Second and E | prime names sold at 5@6 per cent. streets South Bo

Harrison Loring, of South Boston, Mass., has made the building of patent rotary bleaching boilers a specialty for many years, and has bestowed much time and thought upon the subject of combining in their construction perfect safety against accidents with facility of operation. These boilers are said to have given perfect satisfaction in every instance. For the production of chemically prepared wood pulp it has been found extremely difficult to make a boiler that would remain absolutely tight for any considerable length of time. Mr. Loring claims to have overcome this difficulty by adopting modes of construction far in advance of the best methods for producing first-class boiler work The patent heads enable him to arrange the compound stuffing boxes and internal pipes in the most economical manner. All of the material used in the construction of these boilers is of the very best quality and the workmanship guaranteed to be perfect in every particular. his most recently constructed wood-fibre bleaches his most recently constructed wood-fibre bleaches are now running at the Russell Paper Company's Mills, Lawrence, Mass., also at the Forest Paper Company's, Yarmouth, Me. Mr. Loring now has orders for over 20 bollers. An illustrated descriptive circular, with price list, can be had by addressing Harrison Loring, First street, between L and M streets, South Boston, Mass.

Manufacturing News.

EASTERN STATES.

The forty-nine great iron tanks for the Chem ical Paper Company, Holyoke, are finished. The tanks hold 15,000 gallons each, and are to be used in making chemical wood pulp. They cost

The work of excavating for the tail-race of the McElwain Paper Mill, Holyoke, was completed on Thursday of last week. The walls of the wheel-pit are up 15 feet,

The Crocker Manufacturing Company, of Holyoke, Mass., has purchased the Olcott Falls water privilege, situated on the Connecticut River, two miles below Hanover, N. H., together with the purchase and bonding of 200 acres of land lying each side of the river. This is said to be the largest unimproved water privilege in New England. It is understood that the new owners will begin the construction of a dam, canal and factories at an early date.

The Russell Paper Company, of Lawrence Mass., is setting a steel tubular boiler in its pulp mill, also one in the No. 3 mill. These boilers are made from homogeneous steel, and are manufactured by Kendall & Roberts, of Cambridge port. They will be set with the Jarvis furnac to burn fine fuel.

The Woodbury (Conn.) Paper Mill is shut down on account of the bursting of a boiler last week.

MIDDLE STATES.

Frank Gilbert, proprietor of the Mohawk and Hudson Paper Mill at Waterford, N. Y., has purchased the Hudson Valley Mill at Cohoes for \$14,000, and is converting it into a wood pulp mill.

WESTERN STATES.

The new paper mill at Quincy, Ill., is progressing. The building is to be 140 feet square, finished and ready for occupancy by the 1st of August, and give employment to from sixty to seventy-five men.

The Ypsilanti Mills, of F. P. Elliott & Co., are said to be making more paper than any other mill in the West. Their daily product is now

A. Hill & Son, Middletown, Ohio, have put in another boiler in their pulp mill, and are about to set a new turbine wheel at their Globe Mill.

Both mills of the Cleveland (Ohio) Paper Company are running full of orders. The company wood pulp mill is said to be in good working trim, running two stones and making first-class pulp. The new Valley Mill will be ready to run about the last of August, and the machinery from the Adrian Mill is now being put into it.

SPECIAL NOTICES.

Insertions under this heading will be charge 50 cents a line. Payment invariably in adv

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Market Review.

OFFICE OF THE PAPER TRADE JOURNAL, FRIDAY, April 30, 1880. THE MONEY MARKET.—The money martet worked smoothly throughout the week, and borrowers on call on pledge of acceptable stock collateral found ready accommodation at rate ranging from 3 to 6 per cent. On Government bonds loans were effected at 4@5 per cent. There can now be no question but that the movement of currency is in favor of this centre, and that the condition of ease which the monetary situation has assumed is certain to be maintained for a considerable time to come. The purchase of \$3,000,000 of bonds by the Secretary of the Treasury also exercised an important influence

Government bonds were fairly active and the market was very firm, with an advance for the week ranging from 1/4 to 1/4 per cent. The market closed strong on light offerings, with a further advance of 1/8 per cent. in all issues.

Railroad bonds were strong on a well-distrib ated business, with an advance of from 1 to 3 per cent. The market closed very active and regular, but in the main firm and higher.

The stock market was unsettled and prices de clined slightly. The market closed weak, under a free selling movement, and there were only a lew exceptions to the general decline in prices.

The Sterling Exchange market was heavy throughout almost the entire week on a rather limited volume of business. At the close the rates for actual business were less firm, the excitement in relation to the action of the foreign banking houses having to a large extent sub-

The posted rates at the close were: Sterling 60 days, actual, \$4.841/2@\$4.85; sterling, sight actual, \$4.87%@4.88; cable transfers, nominal, \$4.881/4@4.89; commercial sterling, prime, long \$4.831/2@4.84; documentary sterling, 60 days, \$4.821/4@4.83; Paris, bankers', 60 days, \$5.20 @5.20%; do., sight, \$5.17%@5.18%; Antwerp, bankers', 60 days, \$5.19%@5.20; do., sight, \$5.16% @5.17%; Swiss, bankers', 60 days, \$5.19%

@5.20; do., sight, \$5.161/265.171/4; reichsmarks bankers', 60 days, 95@951/8; do., sight, 95%@95%; guilders, bankers', 60 days, 401/8@ 401/4; do., sight, 40%@401/4, and Paris dispatches quote exchange on London at 25 fr. 29c.

THE PAPER TRADE -Although the volum of business in the paper trade during the month just closing has shown a gradual shrinkage, yet there is cause for congratulation in the fact that it has been very much larger, and certainly more satisfactory, than during the corresponding month of last year. The decline in prices that has already taken place, and which is still going on in some grades of paper, is a natural reaction from the advance caused by speculation during the autumn and winter, and is, therefore, to be regarded as somewhat healthful. This reaction has cut down values which were somewhat inflated, but trade generally is on a sound basis, and there need be no check to legitimate enter prise in anticipation of another season of prolonged depression. Most of the manufacturers now begin to see far e ough ahead to calculate upon the time for the finishing up of old orders, and show much greater willingness to accept new contracts. At present it looks as if the manufacturers for the next two months to come will seek new orders more earnestly than consumers sought to place them during the past sixty days. In other words it is not probable that the demand during May and June will be enough to keep the mills actively employed. There is already some complaint of a lack of water on the upper Hudson and Mohawk rivers, owing to the very dry winter and small quantity of snow fall. great fears are entertained of any serious drought in May at least, as the indications point to its being a wet month because of the general dry season preceding it. In Fine Writings the only thing of note which has occurred during the week is the action of the National Writing Paper Makers' Association, at Springfield, in reducing the prices of all grades 1c. This is upon the basis of the former price of Fines at 18c., which is now brought down to It was generally considered, some three months ago, that the advance of 1c. was an undue one and could not be maintained. There is very little doing in these, and it is the impression of same that the Fine Writing mills will be compelled before long to adopt the plan of a year ago to shut down to prevent accumulation Book and News are unchanged; the demand for the former continuing slow and the latter steady. Manilla Wrappings are also in light request, but this is not unusual at this time of the year. The trade in Straw Boards is very light, and no improvement is looked for until June Straw Wrappings remain about as last week and Binders' Boards are without any new feature.

JUTE BUTTS.—Sales ex ship of some 700 bales at 3 5-16c.; also several thousand bales to arrive, April shipment from Calcutta, at 3%c. All of these paper quality. Spinning quality are held 1/4c. per pound higher. Stock of Butts and Rejections on spot and to arrive about 140,000 bales; same time last year, 165,000 bales. So the supply in sight for five months is about 25,000 bales less than last year. This makes holders very firm and leads them to anticipate another upward turn soon

WOOD PULP.-Paper manufacturers appear to be taking all the product offering at pretty steady prices, although there is some talk of a reduction, in view of the decline in almost all grades of rags, chemicals and other raw material. The range of quotations is 3% @4c., according to quality. We quote a sale of 9 carloads Voelter pulp at 4c. Chemical fibre is generally quoted as before at about 61/c.

FOREIGN RAGS AND PAPER STOCK -

As compared with the extremely quiet condition of the market for several weeks past there has been a little more inquiry during the past week. One or two prominent buyers have been in market, and upon the inducement of concess in prices have taken up some moderate-sized parcels. There is very little spot stock in the market, and what there is is not as a general thing offered by importers or dealers, who are holding it for a better market. There is little or no disposition on the part of manufacturers to contract for future delivery, as the extraordinary large shipments which have been coming to hand for a number of weeks yet continue, and it looks as if they are pretty fully stocked up for at least sixty days to come. The markets abroad are gradually settling under the influence of a falling off in trade here, and the outlook does not give importers much encouragement to expect that any great improvement will take place very soon. One or two auction sales of foreign stock have been made during the week, but the circumstances attending them and the nature of the stocks were of such a character as to have scial bearing upon the market. transactions which have occurred during the week were at figures which the importers show a great reticence to make known, but concessions have been made in some cases from the former quotations, ranging from 1/01/4c. As Linens did not advance in the same proportion to Cottons, neither is the decline now in the former proportionately as much as in the latter. Linens hold their own very fairly, and in L. G.'s par ticularly there is a fair inquiry and about 1/3c. better is offered for them than for ordinars grades. The arrivals of stock during the past week, although less than the preceding one, are still very large and aggregate 9,814 bales, embracing 22 bales Rags and 9,792 bales Paper Stock. We note a sale of 25 tons London Thirds at 21/4c.

DOMESTIC RAGS.—This market continu very quiet, and about the only change which has taken place during the past week is a little lower offering on No. 2 City Whites, which can now be purchased at 31/2c., and even a less figure than this has been talked of, but we fail to hear of any transactions in this grade under 31/4c. No. 1 Whites of standard quality are held at 4%c., while a few offerings have been made somewhat inferior to prime at 41/4c., but very little has been done at either figure. City Sec-

onds also rule about the same as last week, ordinary selling at 21/2c., and Extra Seconds at 28/4@ The sales include 150 bales No. 2 City Whites, said to be about 3%c., and 100 bales City Seconds at 21/2c.

BAGGING, &c.-Since the slight decline reported last week in Gunny Bagging the market as ruled very steady though quiet, and we quote No. 1 Manchester Bagging at 31/8@31/4c., and London and Liverpool Gunny at 2%/@2%c. Manilla Rope has likewise been quiet in demand but steady in price, and we quote Domestic Rope at 3%c., and Foreign do. at 3.70@3%c. We note sales of 50 tons No. 1 London Gunny Bagging at 2%c.; 25 tons London Manilla Rope at 3.70c., and 11 tons Domestic do. at 3%c.

OLD PAPERS.-The trade in these has kept up pretty well until now, when they, as well as nestic Rags, feel the effect of the large supply of foreign stock contracted for and arriving upon the order of the manufacturers. As yet prices have not particularly changed, but, if the demand continues to fall off and supplies increase as they have begun to, lower prices may be looked for shortly. We quote Soft White Shavings at 5%@5%c.; Hard do. at 5%@5%c.; Mixed do. at 4@4%c.; Solid Book, 4%@4%c.; Light do. at 2%@21/c.; Folded News at 31/8@ 3%c.; Pure Manillas at 3%@3%c.; Straw Chips at 1@11/sc.; Commons, 1/s@1c., and Binders Boards Cuttings, 11/01%c.

STRAW.—The market is somewhat less active and easier, but without change in values We quote New York prices of Long Rye at \$1@ 1.05; Short do., at 65@70c., and Oat, 50@60c., all cash. The quotation for Long Rye Straw on the line of the Hudson River is \$17 per ton, while in some sections of the State as high as \$21 per ton is asked.

ROSINS.-The market has ruled dull, but the ow grades are a trifle firmer. Fine qualities are largely neglected, and the medium grades firm. We continue to quote from yard, viz.: D Good Strained at \$1.60; E at \$1.60; F Good No. 2 at \$1.90; G Low No. 1 at \$2.20; H No. 1 at \$2.70; I Good No. 1 at \$3; K Low Pale at \$3.50: M Pale at \$3.75: N Extra Pale at \$4, and W at \$4.50.

CHEMICALS .- Even at the lower range of prices buyers continue to hold off, and show no anxiety to take more than is actually required for present wants, and orders are not being re-ceived by the large dealers to any extent, the majority of large consumers being pretty well stocked up. The arrivals have been quite free during the week, and with the light inquiry goods are pressing on the market, and nearly all descriptions are now being offered at lower figures than for some time past. Sales have been as follows: 500 cks. spot Bleaching Powders at 1.65@1.85c.; 400 tons Soda Ash at 1.871/@2.061/c.; 100 drums Caustic Soda, 70 per cent., at 3.65c.; 100 drums do., 60 per cent., at 3.95c.; 50 tons Sal Soda at 1.20c.; 300 barrels Lump Alum (Ammonia) at 23c.; 300 barrels Ground Alum (Ammonia), at 21/c.; 200 barrels Ground Potash Alum at 21/c.; 100 barrels Lump Potash Alum at 21/6c.; 50 cases Concentrated Alum, "N. C. F.," at 25/c.; 350 barrels Pearl do. at 25/c.; 600 barrels Natrona Porous Alum at 2%c.; 50 tons Aluminous Cake at 1.60c.; 20 cases Ultramarine at 26@28c.; 10 cks. yellow Prussiate Potash at 27c.; 20 cks. Bichromate do. at 14%c.; 30 cks. Antichlorine at 3@31/c.; 10 cks. Orange Mineral at 91/c.: 100 barrels Venetian Red at 11/c.: 10 cks. White Sugar of Lead at 13c.; 10 cks. Brown do. at 101/c.; 100 barrels Corn Starch at 31/c.; 100 bbls. Potato do. at 41/2c., and 500 bxs. Extract Logwood at 9%c.

CHINA CLAY, &c .- There is no particular change in this market, which continues very dull. Moderate sales of Southern Clay have taken place during the week at \$12 per ton, and English at \$16@21 per ton, as to brand. Terra Alba has also been taken in limited quantities at 1%c. Silesian White is very scarce, with no sales reported. Fibrous Mineral Pulp is in fair demand at the range of \$20@30 per ton, for ordinary and extra.

COAL.-There has been a quiet but steady business done in Anthracite coal during the past Saward's Coal Trade Journal says: The sales are reported larger and the inquiries more numerous; yet, with all this favorably reported state of affairs, so far as the tonnage that is disposed of is concerned it might be much larger without taxing the efforts of either miner. carrier or shipper. Dealers and consumers are buying for immediate requirements only, and not for stock, as they have so often been misled by doing so. We have the opinion of many of the leading men in the wholesale trade, that coal will rule higher, during the fall months, from the very delay that is now ruling on the part of buyers to take the coal as it could be given. The fact that the proportions of the domestic sizes produced this year are much less than during 1879, should not be lost sight of. We hear of but few changes in the quotations for Bituminous Coal here at the seaboard, and dealers report business quiet for our local trade, but the supplying of foreign steamers is an in creasing business just at present. Some Georgetown coal is reported as sold at a low figurecomparatively—and with water freights as they are, we see no chance for profit in this business. Contracts for future delivery of Clearfield and Cumberland Coal are reported at what seem to be low figures." Quotations of Lehigh Coal at New York shipping points are: Lump, \$5; Egg, \$4.25; Stove, \$4, and Chestnut, \$4. Lacka wanna is \$3.90 for Lump, \$4 for Egg, Stove and

BOSTON MARKET.

Paper.-Demand holds good, and prices are well

Paper Stocks.-Sales are few and far between. We change quotations of only a few articles, as it is impossible to give prices based upon actual sales.

Chemicals.—Ash is quite firm. Bleach and Sal are easier. Clays are unchanged. Alums are firm in

price with light call. Rosins are quiet.

FOREIGN MARKETS

London Market Report.

LONDON, April 17, 1880. Tade continues in a very satisfactory state, and the good demand from all quarters continues unchanged.

RAGS.-America is still extensively buying, and paper-makers here are also freely competing for parcels offered. Prices of all grades of Linen Rags are well maintained, while cottons are a little easier.

GUNNY, ROPE, HEMP, BAGGING, &c.- Ready parcels are quickly taken out of the market at full prices, and there is very little offering, the larger part of the supplies being absorbed by old contracts.

WASTEPAPERS.-Nothing new has transpired and only few contracts at previous figures have been

Advertisements.



GUARANTEED THE BEST ENGINES.

BOILER MAKERS,

Rotary Boilers, Wood Digesters, WOOD CHIPPERS.

ROBT. WETHERILL & CO., Chester, Pa.

WANTED—A 44, 48 OR 52-INCH SINGLE OR Double Cylinder Machine suitable for making heavy papers; state condition, price and where machine can be seen. Address J. M., Lock Box 1055, Pittsburg, Pa.

WANTED-A FOREMAN, ONE COMPETENT take charge of a two-machine mill, making colors and news print. Address MANUFACTURER, care of Paper Trade Journal

W ANTED — SIX IRON DRIERS, 44, 48 OR 54 × 36 inches, with or without Frames. CANDEE & WELLS, Manlius, N. Y.

WANTED-BY A GENTLEMAN WHO HAS had some experience in the paper trade, a position with a good house in the paper or paper stock business; is a good salesman, and has a good business training and experience; will accept a moderate compensation until ability is fully proven. Ad-

FOR SALE—ONE 24×38 INCHES BEATING Engine, in good order; 84 inches Second Press McCREADY BROS., Philadelphia.

FOR SALE.—PAPER MACHINERY. Four Calenders, 1% inches by 42 inches. One stand of Reels for 42-inch machine. Four Engine Roll Spin-dies, 9½ feet by 6 inches, with stands and lighters complete. Cheap for cash. Address ADAMS & CO., Chagrin Falls, Ohio.

FOR SALE - SECOND-HAND PAPER MAchinery .- One set Press Rolls, with Stands; five 28 inch Driers, with Frame, Paper and Felt Rolls. 48-inch face, four copper and one iron; one Stack Callender, 10-inch rolls, 48-inch face. 1 set Standing Reels. Address CLEGG & FISHER,

FOR SALE-FIVE COPPER DRIERS, 28-inch diameter, 72-inch face.
FOUR BRASS PRESS ROLLS, 84-inch face, 14-inch diameter: in perfect order.
TWELVE DANDY ROLLS, 62-inch face, 5 wove

TWO BOYDEN TURBINE WATER-WHEELS, with TWO BOYDEN TURBINE WATER-WHEELS, with transcripts; complete and in good order; one 791-factor iron cases; complete and in good order; one 7914-inch and one 36-inch. They were made by Ames Manu facturing Co., Chicopee Falls, in the best manner, ind one of the control of the contro

FOR SALE.

Five Copper Dryers, 28 ins. diameter, 62 ins. face with stands, felt and paper rolls, gears, etc. Also twelve 4-in. Slitters, with shaft.

EAST HARTFORD MFG. CO., Burnside, Conn

FOR SALE.

One 62-inch Cylinder Machine, containing five Copper Driers, 36-inch diameter; New Making Cylinder, 36-inch diameter; Vat and Pulp Dresser; one Stack of Calenders, and one Gavit Cone Cutter. Will be sold cheap. Can be seen standing at Slackwater Paper Mills, Lancaster, Pa. Addres JOHN A. SHOBER, Lancaster, Pa.

PAPER MILL FOR SALE.

To settle the affairs of a company The property is located at Chatham Village, Columbia Co., N. Y., one mile from Harlem RR. and Boston and Albany RR. depots. Suitable for news or manilla; in good order, Full water-power about eight months. The buildings are of stone, large and substantial. The machinery consists in part of a sixty-two-inch double cylinder machine, three eighty horse-power boilers, two steam engines. four engines, one Kingsland engine, two water-wheels, &c. Superintendent's house and forty acres of land. Apply to C. MINTON. Chatham Village, or FRANK BUTTERWORTH 19 Nassau street, New York.

FOR SALE.

One Holyoke Machine Company Plater. One Rice & Barton Fan Pump. One Heald & Sisco Rotary Pump No. 4. All in perfect order and nearly new. Ad HULBERT MANUFACTURING CO., North Manchester, Conn

COPARTNERSHIP NOTICE.

Notice is hereby given that the copartnership. known as Hubbs, Smith & Co., is this day dissolved by mutual consent and retirement of Robert H. Smith. All debts due to the said partnership and those due by them will be settled with and by the remaining partners, CHARLES HUBBS and JAMES H. LAMB, who will continue the business under the firm of New York, May 1, 1880. 36 Beekman Street.

PAPER MACHINERY FOR SALE.

The (10) driers and press rolls of two 44 inch machines, with much of shafting gearing, &c., of same: price, \$1,000 each. We have offer to add cylinder molds to these for \$200 each; stop cutter, \$375 each. Can also send offer to make into Fourdriniers Also have rolls and some other part of four 275-lb. three 400-lb., and o e 600-lb. engines. Particulars

SOUTHWORTH CO., Mitteneaque, Mass

Valuable Paper Mill

FOR SALE.

The Paper Mill situated at Lawrence, Mass. (formerly known as the Munroe Paper Company's Mill), is offered at private sale.

This Mill is on the Boston and Maine Railroad, with a branch track on the premises, is now in full operation, and will be sold at a large reduction from its real value to close an estate. For facilities for receiving and shipping freight this Mill is believed not to be equaled by any other in the United States,

Water power abundant and unfailing. For terms and further particulars address.

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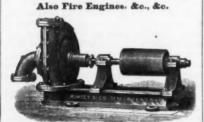
Cylinder Machines, Calenders, Wood or Iron Rag Engines, Bed Plates, Roll Bars, Shafting and Gearing, Trimming Presses, Stamps, Extension Holders Chilled Iron Rolls, &c. LEE, Mass.

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Over 800 Different Styles of Pumps,



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SIXTEEN YEARS

Experience in the manufacture of Pumps for Paper Makers enables us to guarantee entire satisfaction in all cases. Our Latest Improved Pumps are perfectly adapted to the requirements of the Paper Manufacturer, and are not equaled by those of any other maker. We point with pride to the fact that there are more

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in use in the Paper Mills in this country to-day than all other kinds combined.

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Send for Illustrated Pamphlet, giving full description, prices, &c.

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Green's Patent Rotary Force Pump



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OEM. DEFIANCE. DOMESTIC.

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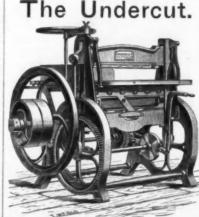
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Superior to all others.

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The most Simple and Perfect Self-Clamping Paper Cutter.

THIS Machine is constructed on entirely new print ciples, which are found to be entirely satisfactory to those using them. The result of the Self Clamping arrangements is perfectly true work a well as a great saving of labor. Send for circula containing recommendations from parties you know who are using them.

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Beater Engines, Rag Cutters, Paper Cutters, Pumps, Shafting, Pulleys, Hangers, &c.

CHILLED ROLLS. Guaranteed equal to any made.

Plans and Estimates furnished, and special attenion given to the execution of contracts for the entire nachinery necessary to make any kind of Paper, set up, ready to run. Calenders and Press Rolls reground by special

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Light and Heavy Rag Cutters, with or without Feed Rolls,
Devil Dusters,
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CAPITAL, -

Gun Metal Rolls,
Hard Rubber or Brass Suction Box Plates,
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Stacks of Chilled Rolls for Machines.
Web and Sheet Calenders, with four to ten Chilled
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FOURDRINIER and CYLINDER Machines, Flunger and Fan Pumps, Rag Cutters, CHILLED ROLLS. Rolls reground in the most approved manner. Special attention given to covering Press Rolls with GUN METAL and the manufacture of Gun Metal COUCH ROLLS.

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The Best Metallic Belt Hook in the Market for

LEATHER, RUBBER OR CANVAS BELTS. These Hooks have been thoroughly tried for eleven years in the leading Paper Mills of this Country, and all who usa them admit that they are the best and cheapest fastening in use. They act on the same principle as pegging on the sole of the boot. The teeth taking the place of pegs, the belt is not weakened by punching holes; and the teeth, taking hold in so many places, the strain comes more uniformly on the ends of the belt, which prevents tearing out the ends.

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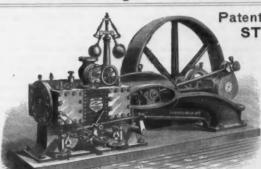


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The most economical in the use of fuel, the simplest in construction, and altogether the best cut-off engine in the market.

COMPOUND ENGINES for City Water Works; also for Manufacturing purposes, etc. (Highest duty guaranteed.) Marine and Stationary Engines.

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STEAM BOILERS AND TANKS, Light and Heavy Forgings, Shaft-ing, Pulleys, Hangers, Mill Work, Iron and Brass Castings, &c.
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Press Felts and Jackets for all kinds of Paper.

Especial attention is invited to our FOURDRINIER FELTS for FAST RUNNING ON NEWS, which are unsurpassed.

ALSO, TO OUR

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Which we have perfected within the last few months and which is rapidly gaining favor with Paper Makers,

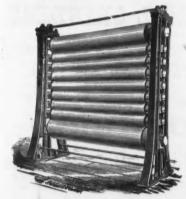
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WE WARRANT EVERY FELT .to work well,

and if it does not, it can be returned. We also manufacture Blankets, Flannels, Stocking Yarns of all Colors, and Men's Heavy Wool Socks. Also, an Extra Heavy 6-4 Scarlet and White Flannel for underwear, which we guarantee not to Shrink. All the above we offer to Paper Makers at the Lowest Wholesale Prices, i.i quantities to suit Very respectfully.

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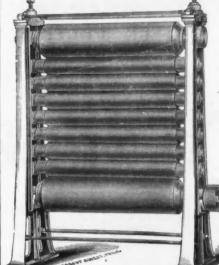
LOBDELL CAR WHEEL COMPANY.

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The Oldest and Most Extensive Manufacturers of Chilled Car Wheels in this or any other Country. EXTRACT OF AWARD ON CHILLED ROLLS.

sons, viz.;

the exhibitor.



The undersigned having examined the product herein described respectfull, recom mends the same to the United States Centennia Commission for award, for the following rea

This exhibit contains a stack of calender ing rolls intended to be part of a complete paper machine. These rolls are of cast-iron chilled at the surface in casting, and thereby made hard, like tempered steel. They are separately ground according to a highly im proved plan, and are so true that, when placed together, they bear upon each other through out their entire length. This exhibit has the exceptional merit that the rolls are not only GROUND true but CAST by

(Signed) JAMES M. WILCOX, Signature of the Judge. ALSO MANUFACTURERS OF

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For Paper Machines, Rubber, Brass, Copper, Rolling Mills, &c. The vast quantity of iron used daily in the business of this establishment permits the very best selection for the composition of CHILLED ROLLS. The long experience of Mr. Geo. G. Lobdell in making chilled castings, and who personally directs the selection, enables them to make

CHILLED ROLLS UNEQUALED IN QUALITY AND GROUND AS FERFECTLY AS ANY OTHERS P. N. BRENNAN, Treas. GEO. G. LOBDELL. Pres-W. W. LOBDELL, Sec.

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Ircn and Brass Castings, Chilled Iron and Paper Calender Rolls, Rag Engines Rag Cutters, Steam Pressure Regulators, &c.
HYDRAULIC PRESSES, FROM 5 to 14 INCH PISTON.

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ECONOMY, CLEANLINESS and PERFECT LUBRICATION GUARANTEED BY THE USE OF

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PAPER ROLLS

Finished according to a new method under hydraulic pressure of 300 atmospheres, with a power equal to THREE THOUSAND TONS.

The rolls made under this system have produced excellent results in combination with numerous calender rolls. They work admirably in connection with American chilled-iron rolls.

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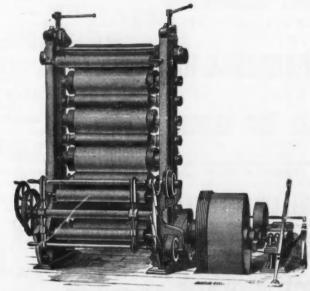
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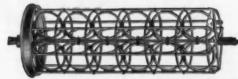
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