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

VOLUME VIII.-NO. 15

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## WHOLE NUMBER 258.

# Trade Topics.

Improvement in Separating and Cleaning Vegetable Fibres for Paper Pulp.

The drawing illustrates an apparatus recently patented by Charles Lauga, of New Orleans, La., for separating and cleansing vegetable fibres especially those of sugar-cane, sorghum and Indian corn, and converting the same into stock for the manufacture of paper and other similar

The figure represents a vertical section of the apparatus. A represents the tanks for the reception of the crude fibre as it comes from the crushing mill. The fibre is conveyed to these tanks by a swinging or removable trough or by any other convenient means. In the bottom of the tank A is secured a coil of perforated steam pipe, C, which pipe is to be connected in the way to a conveniently-located steam boiler, to furnish the necessary steam for cooking the fibre. Immediately above the coil of perforated steam pipe is secured a perforated diaphragm or false bottom, D, inclining toward the door E in the side of the tank. This door is for the discharge of the fibre from the tank after the cooking process is completed, and by inclining the diaphragm D toward the lower edge of the door the discharge of the fibre from the tank A is greatly facilitated.

Another purpose of the perforated diaphragm D is to protect the perforated steam-pipe from the body of the crushed fibre within the tank, and to serve as a strainer and avoid obstructing the cock through which the liquid is drawn from the tank when the boiling process has been com-pleted. Through the centre of the tank A a pipe, G, open at both ends, is placed, the lower end passing through and slightly below the diaphragm D, and the upper end reaching nearly to the top of the tank. Above the upper end of the pipe is a cap, H, leaving an open space between the end of the pipe and the cap, for a purpose hereinafter described.

Another perforated diaphragm, I, is fitted into the upper portion of the tank A, sliding readily on pipe G. The purpose of this diaphragm is to act as a weight on the top of the fibre in the tank, to prevent the fibre from being forced by the steam over the top of the tank, while at the same time the perforations allow of a free movement among the particles of the chemical solution. During the process of cooking the fibre the pressure of the steam into the tank A will force the chemical mixture up through the pipe G and against its cap H, thus distributing the mixture at intervals over the fibre in the tank, and securing its complete action.

When the cleansing and transformation of the fibre have been thoroughly effected, the fibre is withdrawn from the tank A through the door E, near the bottom of the tank, and falls upon the apron J and is passed through the rollers K K, whereby the chemical fluid remaining in the fibre is pressed out, and is returned by the spout L to the reservoir M, located below the tank A. From the apron J the fibre is transferred to the carrier N, which carries it to the pulp-engine O, in which the fibre is reduced to pulp, bleached and washed. From thence the fibre or pulp is passed through the opening P into the mixer and strainer Q. This mixer and strainer has a perforated section for draining and carrying off any remaining liquid or impurities, and through its longitudinal centre a shaft provided with inclined stirrers or mixers, which feed forward the the rollers T T, and, after sufficient drying, is ready for the market as stock for the papermanufacturer. By this manipulation of the crude fibre the inventor claims to produce a pulp suited for the manufacture or a fine quality of

The chemical mixture used is a saccharate of alkali, composed of water, saccharine and any of the alkalies-preferably, potash and its con cinations. The strength or specific density of the mixture must be determined by the nature of the fibre to be operated upon, and will be readily ascertained by a little experience in the preparation of the different fibres. One gallon of the chemical mixture to every ten pounds of vegetable fibre is placed in the tank A; steam is en admitted into the perforated steam-pipe in the bottom of the tank by any of the well-known means; and by means of this steam the mass is boiled from two to ten hours, according to the lature of the fibre to be treated. When the fibre has been sufficiently cooked the chemical mixture is drawn off into the reservoir M, to be again pumped into the tanks for use.

The object of saccharine, in combination with alkali, is to assist in dissolving the vegetable gums and other foreign substances contained in the fibre, and also to prevent the alkali from having any injurious effect upon the fibre.

The inventor claims: 1. The process for cleaning and preparing the fibre of fibrous plants and reducing it to pulp by boiling the fibre in the saccharite of alkali from two to ten hours, then pressing the fibre between rollers, next grinding in a pulp-mill, and subsequently mixing, draining, pressing and drying. 2. The tank A, provided with the door E and cock, and steam pipe C, in combination with the open pipe G, provided with the cap H and the perforated diaphragms D and I. 3. The tank A, provided with the door E and cock F, and having the pipe G and diaphragms D and I, in combination with the apron J, rollers K K, carrier N, engine O, mixer Q, apron S and rollers T T. 4. The tank A, provided with the door E and cock F, and having the pipe G, perforated steam-pipe C and diaphragms D and I, in combination with the

#### The French Commission on the Export of Rags.

[Concluded.] After replying to various questions with regard to news papers in France, M. Dumont said that French book paper was too thin and loaded

to be used by English publishers. French paper-makers required the duty of eight francs to be retained and also the export dues on rags. The manufacturers were very uneasy about foreign competition, 4,646,891 kilos were imported in 1876, of which three-fourths consisted of writing, news, and drawing papers. Several important markets had been closed - among others, Italy, where there was a duty of twenty francs on paper, and of 8fr. 80c. on rags for export. Belgium sends into France news and common papers, but does

reservoir M and spout L.

not furnish any fine papers. The president of the Commission could not tell M. Dumont whether the export duty on rags would be abolished or not. M. Dumont continued that if duty were taken off, all the finer rags would be cb-

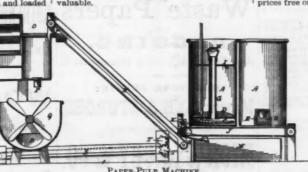
tained by foreigners. The following question was then put by M. Dautresme: "Don't you think that there is something preposterous in preventing an article of merchandise from being exported out of France in order to benefit another article! What would you say if an export due were laid on your papers for the benefit of publishers !" M. Dume Such a comparison cannot be made; the publisher is a manufacturer, and a book is a manufactured article, but rags are waste. Rag merchants are only intermediaries. Here is America taxing our papers from 25 to 35 per cent., and should we give them our rags free ? land, too, has cheaper coal, chemicals and com-munications. The rags in use to day are not what they were twenty years ago, when there were fine rags of hand-wove linens. The ordinary white country contained 80 per cent. of linen, while now we have trouble in getting 50 per cent. We pay dearer, and yet we are obliged to sell our best paper cheaper, and every day prices are going down. I see that the Minister of Finance lately stated that school copy-books were sold at the same price now as before the imposition of the duty. But he did not state that the quality of the paper was so bad that it is difficult to write on both sides of it. The duty of 4 fr. on rags is equivalent to il per cent. on pulp to the discharge opening R, where it falls rags No. 1, quoted at 64 fr.; for rags at 34 fr., it on the endless apron S, and is carried between would be 11.80 per cent.; for calicoes at 22 fr., 18 per cent." One of the members having s that it looked as if the ragdealers had only asked for a free export of rags of mixed wool and cotton, because the paper-makers did not use them, M. Dumont protested that they did. All packing papers and colored papers on which small threads may be seen on the surface are made from cotton-woolen rags. It was then objected that the paper-makers could not use all the rags in France, to which M. Dumont replied, that the shoddy makers, &c., used the surplus. With regard to the proportion of the white rags, some 30 or 40 per cent, would be contained in rags sold at 120 fr. The general expenses, profits, &c. might be about 40 per cent. to price of rags, and then paper-makers do not make more than 10 When people speak of rags they have in their mind those picked up in the streets, but a visit to our stores would show that the rage are clean and white, and can be handled with

out creating any disgust. We get these rage from the country and not from the town." After a few more remarks the deposition of M. Dumont was closed.

A German lady has left Berlin to become the wife of a Japanese paper-maker at Umedu, Kioto. The Japanese spent several years in Germany learning the paper manufacture.

#### Paper-Making Fibres.

In addition to the utilization of the Blue Moor grass (Molinea cærulea) for the manufacture of paper, many other plants common in India and the British colonies might also be mentioned, which, for the most part, have been experimented upon, and the results proved satisfactory tory, so far as the actual manufacture is concerned. In considering the adaptability of many of the colonial grasses for paper making, a British contemporary, The Colonies, recently showed that the great obstacle to the more gen eral application of these new substances is the greater cost as compared with any of the paper producing materials now in general use. Many of the marse grasses and other plants that are now pests and hindrances to agricultural progress in South Africa, Australia, New Zealand, or other colonies, might be turned to good account for paper-making, such, for instance, as the Ruapo of New Zealand (Typha augusti-folia), a kind of bulrush or reed mace. Both in New Zealand and in Australia there are numer ous plants of the grass, sedge, or rush kind that would, no doubt if properly tested, be found valuable.



PAPER PULP MACHINE.

from whence fibrous grasses might be obtained, The Colonies says: "In the great Karroo district, thousands of square miles are covered by the characteristic twaa grass, the sour veldt, and the sweet veldt, the importance of which as fodder may possibly be found equaled by their value as a paper material; still more likely to prove valuable in this respect is the Stipa capensis, a member of the family to which esparto

## Marking and Die Inks.

Owing to the universal stamping nowadays, the preparation of a good ink for the purpose is very important.

Lithography requires the thickest colors consistency, but the hand stamp, on the other hand, only a very thin solution. If the color is hand, only a very thin solution. thick, like that of printing ink, greater force must be used by the hand, both in distributing the ink and impressing it. If too thin the imprint is not equal, and is blurred. Until lately none other but fatty or oily colors were used, but the introduction of the elastic indiarubber stamp. which is not adapted for oily inks, directed attention to inks of a watery nature.

An oily ink is best prepared from printers' ink by mixing one part of linseed oil to six parts of More is to be said on the watery inks, which may be distinguished as transparent and opaque. The former contain the coloring stuff actual solution, while the latter have a mineral or earthy coloring stuff combined with the liquid portion. The latter is generally and water, forms an excellent basis for braving mineral and earthy colors as a dissolvent of ani line and vegetable colors.

The glycerine ink has the disadvantage, however, of drying slowly and being always more or less moist, and it is, therefore, easily washed off. This disadvantage may be got rid of in the case of black or other dark colors mitting a yellow coloring matter, by dissolving the gum in a solution of bichromate of potasse in water, so that the glycerine becomes mixed. is brayed. If the latter, as most aniline colors is soluble in it, then a great deal of trouble can be spared by allowing the warmed glycerine (already mixed with gum) to work on the pulverized aniline color

Instead of glycerine as a soluble component of the color, fluid solutions and some salts may be used. A solution of water glass gives some excellent qualities to the inks, especially that of making the impression fast after drying. The watery inks should, of course, be used for transient purposes, while the fatty inks, with indestructible coal as a basis, should be used for important impressions.

As if there were not enough, several new paper mills are projected.

# Correspondence.

British Notes.

[FROM OUR REGULAR CORRESPONDENT.] 16 PATERNOSTER Row, London, E. C., March 29, 1879.

There has been but little doing during the par Taking things altogether there is a slight steadiners and a sign of improvement. I believe that if we could only have some fine spring weather that every kind of trade would expe rience a rise. We are having such a long winter that it is sickening to see snow now. The prevalence of the had weather has absolutely tagnated several trades, which in turn affect others. With the entrée of spring we may ex-

pect a general rise and a change for the better. The only item of any interest that has been talked of during the week has been the failure of Mr. Day, who has gone to the tune of £30,000, I hear. I mention this simply because, from what I hear, the New York market for cheap stock will be affected to some degree. I have seen accounts of sales of stock delivered at prices free on board here which were considera-

> bly below market rates, and i have an idea that we may see less of such transactions. So far as I am concerned, this failure was very unexpected, and although there are, of course, a few clever, extra clever, people who "knew all about it," I think the trade generally have been surprised to some degree. But there are times when men pass for millionaires who have not paid their rents even, and who perhaps owe more money than they ever make. The fibre market has been

active, buyers being tolerably Referring to South Africa as another country | plentiful, but at last figures. Rags are quite firm and steady. Middle-classed linens are particularly firm, and parcels are soon snapped up. Cottons are scarce and are pretty firm. London and country seconds and thirds are very firm at 11s. 6d. to 12s. and 7s. 6d. respectively here-not in New York. Bagging is steady at present, about 8s. 3d. to 8s. 6d. for home and 9s. selected, Hamburgh. Other fibres are about as usual.

Chemicals are firmer all round, though why I can scarcely tell. Makers have had very severe times to deal with, and a change will be most welcome to the trade. Paper-makers cannot complain, for they have had the game in their own hands for two years, and ought to have saved lots of money over this item.

Waste papers are tolerably firm; a little more usiness doing. Old ledgers are doing at 16s. 6d. to 18s. A few parcels have changed hands during the past few days. So far as this special branch of stock is concerned the failure of F. Day has not had much effect, for several reasons, the market being slack and the liquidation ar rangement probably turning out advantageously for the bankrupt.

Mill news is scarce. Some mills, I am glad to bserve, are making every endeavor to push ahead and keep pace with modern paper making. The conservatism of the trade may, after all, take wings and fly away. The so

does the better for paper-makers. I am going across the Channel again, for the fourth time, as THE JOURNAL correspondent. I am going to Lille and to Paris. I am going to see a very large ultramarine and blue factory belonging to M. Richter, who has devoted special attention to alum resisting blues. think your readers will be specially interested in this subject. The Paris journey is a speculative one partly. I wish to get some particulars as to a good reliable French rag packer, and I think if I can't find out something in Paris I can't get

information at all. French cotton rags are the best brand of fibre from France. The linen brands are good, provided they are of the best qualities, but the German rags furnish the best assortments of linen. The S. P. F. F. and S. P. F. F. are excellent goods and very hard to beat. I hope to hear something of the French paper trade and the late discussion on the abolition of the export duty on rags. I also hope to do a little busin there, too, for THE JOURNAL, you know; a few subscribers, advertisers, or something of that

I would like to make a personal observation to my readers, especially those who take any interest in the special articles. It is of no use to complain to me about them and questioning some points in them, and I will explain why. Firstly-What I see I believe and put down on paper. Secondly—What I don't see I do not always down on paper because I don't believe. But I trust to the heads of firms for the truth. Third-

ly-Every firm has had the rough manuscript to examine and see that all is right. quantities, &c. are not necessary, but they are interesting, and they are inserted in the firms' handwriting, as you and your printers know. I give every detail from the head source, and if be speaks a falsehood I am sorry for him, for your readers, and for myself. But I am one who does not believe "all men are liars." I make the best of everybody and everything-it is the only way to live comfortably.

If I am in the same business as my neighbor I can bear to hear him and his doings, generally, praised. Some people, however, can't. You know that if these articles were not faithful they would be of little value. I know it too, and I wish to caution your readers against paltry insinuations of all kinds. I go to great trouble and considerable expense to get the information, and I do not do it to serve any but the one simple purpose of interesting your readers and increasing the prosperity of The Journal.

I give the following figures in addition to those I already quoted above:

Rags—New linens, 26s. 6d.; new cottons, 25s.; 8. P. F. F. F., 26s. 3d.; S. P. F. F., 21s. (this is a very cheap quotation); S. P. F., 18s.; F. F., 16s.; white cottons, 15a. 3d.; first quality, specially assorted blue linens, L. F. B. I., 15a. 9d.; seconds, do., L. F. B. II., 13s. 6d.; (extra) blue 13a. 9d.; grey linens, No. 1, 14s.; good jute baggings, 8s. 3d.; all f. o. b. Hamburgh. Some sales were done this week as follows: Dry pine wood pulp, £8 15s.; dry aspen, £12—a special quality. Otherwise wood pulps are un-

#### Chicago Notes.

[FROM OUR REGULAR CORRESPONDENT.]

CHICAGO, April 7, 1879.

The better feeling in the rag and paper stock market has given encouragement to paper dealers. They argue quite correctly, it see that the manufactured product must be a little firmer for such a good demand for the raw material. Prices have held their own well during the past week, and even the straw wrapping, rag, dry goods and manillas are looking up.

I cannot forbear just a word in relation to the circular issued by Field, Leiter & Co., which I have given a passing notice in my last two let-ters. The trade were at first considerably puz-zled, as well they might be, how that firm could sell, among other things, No. 1 Manilla at 6%c. per pound. On examination of the paper which the dry goods firm call No. 1 Manilla, it was found that there was a great deal in a name. In fact, they had made a list of grades quite unknown to paper dealers just to suit themselves, Their No. 1 Manilla was found to be the same quality as the No. 2 which one of the large nouses here showed me, and which it is selling at 61/4c., or 1/4 of a cent lower than Field, Leiter & Co. It is unnecessary to give any further explanation as to how the dry goods firm can make prices so low.

The rag dealers are happy once more. They greet your correspondent with a complacent "The market is booming," dealer, and then, as if to modify the warmth of his expression a little, he added, "It can't be denied that business is a little better."

SAWTELLE,

## General Notes,

The Whiting Paper Company received last huge regi at the Exposition. It is claimed to be the largest blank book in the world, the dimensions being 26 by 25 inches, and the weight 200 pounds. contains 3,000 pages, will register 60,000 names, and cost \$250. It has now 2,968 names inscribed at the great fair, in all languages, characters and shapes. The paper is of the finest white ledger, with each page elaborately bordered in colors, and an advertisement of the company at the head. The binding is in full Russia, with borders highly worked, and in the centre-piece of each corner is an inlaid American and French flag crossed. The book is on exhibition at the company's No. 1 mill.

Woolworth & Graham will take charge of a collective paper and stationery exhibit at the forthcoming Exhibition in Australasia. The firm has made arrangements so that the exhibits will be placed in the three successive Exhibitions to be held at Sydney, Melbourne and Auckland, and will have a thoroughly experienced gentle-man in charge of them. Another, and the last, vessel with the exhibits is now loading, and ap plication for representation must be made at

Charles H. Hunter has been permitted to resign his position as Secretary of the Stationers' Board of Trade.

#### Patent Office Decisions.

#### EX PARTE INGERSOLL.

Decided December 23, 1878.

1. A claim for an improvement in the art of making paper dishes by a certain process distinguished from old processes only by the use of newly-contrived dies, which dies were not described nor claimed, disallowed.

2. Thin sheet-metal dishes with sides having regular

corrugations increasing in depth from the bottom toward the top being old, a claim for a paper dish of the same style refused.

Appeal from the Board of Examiners in Chief in the matter of the application of Chalmers Ingersoll, filed March 14, 1878, for letters patent for Corrugated Paper Dishes.

DOOLITTLE, Acting Commissioner The claims appealed upon are as follows:

1. The marrowner in the art of making paper dishes, consisting in softening a sheet of paper, trimming up the edges and simultaneously bending the same to form regular corrugations therein without distending or wrinkling, and then drying while in the newly-acquired shape, as set forth.

2. A paper dish with sides having regular corrugations increasing in depth from the bottom toward the top, consisting of a single sheet of paper uniform in thickness, as set forth.

The patent of John W. Jarboe, January 25, 1870, No. 99,200, for improved paper dishes, sets forth a process of making such vessels from paper-board or sheets of paper by striking, stamping or pressing the same into the desired He describes his process as follows:

I take paper-board of any suitable description, or a paper sheet of the required size and thickness, straw-board being preferable for many articless, and, laying it in or over a mold of the requisite form, bring down on it a stamp or die, and strike, stamp or press the same into the necessary shape required for the article.

He claims-The manufacture of bowls, page boxes, dishes, and other articles of similar character, by striking, stamping, or pressing them to the desired form from paper board or sheets of paper, substantially as specified.

In view of the broad language of the Jarhoe patent, which includes dishes of all forms whether corrugated or not, applicant should have shown some peculiar new contrivances or forms of dies by which these dishes are struck up, in order to obtain a patent upon novel matter. In fact, the applicant's attorney, in his printed brief, sets forth that the present article is completed and perfected "by means of the newly-contrived dies." Nothing was said as to any peculiar construction of dies in the specification as originally filed in this case; but special reference was made to the process set forth in Jarboe's patent; and if attempt were now made to claim any process resting upon the peculiar formation or construction of dies and molds, the same could not be allowed in this application, as being matter not shown nor described in the original specification, drawing, or model. The first claim, for the process cannot, therefore, be allowed.

The second claim, for the dish having regular corrugations, increasing in depth from the bottom toward the top, and consisting of a single sheet of paper of uniform thickness, is anticipated in analogous branches of manufacture. Thin sheet metal dishes of precisely the same style as this paper dish are shown in Skelling's patent and other references

The decision of the Examiners-in-Chief is

# Anhydrous Sulphuric Acid.

J. Wolters prepares this compound by heat ing together dry bisulphate of soula and dry sulphate of magnesia. The reaction of these two salts should take place at a temperature decidedly below dull redness. A double compound of soda and magnesia is then formed, and dry sulphuric acid is set free. Bisulphate of potash can be used instead of soda, and in place of sulphate of magnesia, copperas, bluestone and sulphate of lime. Bisulphate of soda is made by heating Glauber's salts with oil of vitriol and dry sulphate of magnesia by heating Epsoms. The two dry salts are then mixed at a heat just sufficient to melt the bisulphate of soda, and the temperature is then raised sufficiently to distil off the dry sulphuric acid. The resulting compound of sulphate of soda with sulphate of magnesia may be decomposed in the wet way by known methods, so that these salts may be used over again.

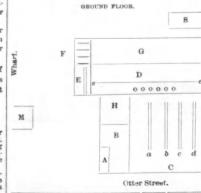
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## A California Paper Mill.

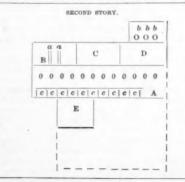
The mill of the California Paper Company is located at Stockton, Cal. The company is composed of wealthy San Francisco capitalists, who, it is said, are determined to make their mill first class and are now turning out news and wrapping paper that are said to be equal to the best Eastern makes. The facilities for manufacture are said to be ample, material is plentiful, and the cost of transportation to market is \$1 per ton. The mill is supplied with water from Artesian wells, which is always soft and clear and without freezing weather to contend with. The following description of the mill is taken from the Stockton Independent: The capacity of the mills is for 7,000 pounds of news paper, 4,000 pounds of straw wrapping, and 3,000 pounds of patent paper boards every twenty-four hours. One very finely made machine is arranged for making paper rolls for the continuous sheet printing presses, such as are used in the Call, Bulletin and Post offices. One machine, which has been in operation several weeks, is working on straw wrapping paper, which is made with a double mold, and of a quality to compete with the best made in the United States. The patent paper board will be pressed with a pressure of one thousand tons. making it as firm as wood and so thoroughly impervious to water that water pails and other articles may be made of it.

DESCRIPTION OF THE MILLS. The mills are located on the south bank of the Mormon Channel, facing westward on Otter street. The building is of brick, 150x160 feet, a portion three stories in height, with an engine room and boiler-room attached, each 25x40 feet.

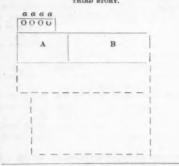
The furnaces are so located that they face directly on the Mormon Channel, but a few feet distant, so that fuel landed from the vessels to the wharf can be shoveled at once into the furnaces. The following diagrams show the plan



A, office, 10x18 ft.; B, packing and storage room, 40x50 ft.; C, machine room, 86x105 ft., containing the paper machines, of which a is for white paper, b is for continuous white news paper, c is for browns: raw wrapping paper and d for paper boards, comprising a powerful hydraulic press and power pressure rolls; D, basement, 160x40 ft., containing the main line shafting e., with bett connections, for running the twelve pulping machines in the second story above, also six pulp vats, o o: E, engine room, 25x40 ft.; F, bollers; G, basement, 90x00 ft.; H, basement under bleaching room for shafting, bleaching tanks, &c., 40x40 ft; M, machine shops; S, store house.



A, pulping engine room, 160x40 ft., containing twelve oblong pulping engines, O, and ten square pulp tanks or draining bins marked ee; B, rotary boiler room, 50x30 ft., containing two large rotating boilers, a a, for bleaching and cooking the material, each 7ft. in diameter and 18 ft. long; C, assorting room, 50x30 ft., containing also three boiling tanks; D, straw boiling room, 60x30 ft.; E, bleaching room, containing six large vats filled with chloride of lime, and a wet paper machine; b, b, three large vats for boiling and bleaching straw and rags, outside of the main building and adjoining the straw boiling room, D.



A, room for cutting and preparing straw for rotaries. 30x50 ft. adjoining which are four iron tanks, α α α α for preparing chemicals for reducing straw for white paper; Β, rag sorting, cutting and dusting room, 30x100 ft.

Every precaution has been taken in the con struction of the building to provide for the contingency of fire. There are tanks on top and about the building filled with water, and in case of fire streams equal to the capacity of several fire engines can be turned on at once. The buildings are isolated from every other in the neighborhood, making insurance lighter than it would otherwise be. They have been so planned that in no part are the rooms cramped or crowded. Plenty of room and plenty of light has been the object, and the manner in which it has been attained gives evidence that the projectors have profited by past experience. This mill is said to be far in advance of all others on the coast, both in capacity and improved facilities. The mills are now running night and day. The force employed will be between 80 and 100 men, women and children, when running at full capacity, and the pay-roll already aggregate over \$5,000 a month. Mr. Lane is confident of success, and believes that paper of the finest quality can be made and placed on the California market at prices to compete successfully with Eastern-made paper.

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BEEBE, IRA L.	60 Duane st., cor. Elm.
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JONES & SKINNER,	131 William st.
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BUTLER, THOMAS. Dealer in Paper Stock, Woolen Rags. &c., 249 Causeway st., Boston, Mass DORAN, A., Wholesale Dealer in Paper and Paper Stock. 6 & 8 Union st., Bridgeport, Conn. B. FELSENTHAL & BROS., Paper. Bags, Twine, Woolen & Cotton Rags, 156–160 S. Desplaines st., Chicago. FRANZEN, WM., Wholesale Paper, Paper Stock and Woolen Rags, 60 Oneida st., Milwaukee, Wis, GILBERT, WM., & CO., Paper and Woolen Mfs' Ma-terials. 11 & 13 Market st., Chicago. Ill. GRAHAM & BRO., H. B., Paper Warehouse and Stock HARKIS, M. & BROS., 408 & 405 Fifth ave., Chicago, Ill. Branch Houses: Dubuque, Ia.; Burlington, Ia.

LOEWENTHAL BROS., Woolen Rags, Paper Stock LANEY, JAMES, Dealer in Paper and Paper Stock, Cotton and Woolen Rags, Rochester, N. Y. LOEWENTHAL, B., Dealer in Paper Stock and Woolen Rags. 51 W. Lake st., Chicago, Ill McARDLE & HART, Cotton and Woolen Rags and Paper Stock. Newburg, N. Y. MARKLE, C. P. & SONS, Mfs. of Printing and Glazed Hardware. 126 Second av., Pittsburg, Pa.

MAYER, A. B., Rags and Paper Stock Dealer, 1014, 1020 & 1022 N. Twelfth st., St. Louis, Mo. RICHMOND & CO., F. H., Paper and Paper Stock Warehouse, Cotton Waste Dealers, Providence, R. I. SNIDERS, LOUIS' SONS, Manufacturers and Whole-sale Paper Dealers, 121 Walnut st., Cincinnati, O. WINKLER, ISAAC, Wholesale Dealer, 18 & 20 Main st., Cincinnati, O.

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

IMPORTS of Faper and Paper Materials, Books &c., at the Port of New York, for the week ended April 4, 1879. Quantity given in pack-ages when not otherwise specified.

Aniline Colors		ep 700
	51	\$8,788
Alum	300	1,390
Aluminous Cake	209	1,788
Bleaching Powders	74	1,810
Soda Ash	162	4,648
Soda, Bicarb	_	_
Soda, Caustic	109	1,519
Soda, Sal	-	
Ultramarine	91	2,364
Books	235	26,717
Newspapers	54	3,858
Engravings	14	8,445
Ink	64	4,106
Lead Pencils	7	1,608
Paper	62	8,188
Steel Pens	6	2,136
Stationery	11	919
Clay	_	1,029
Jute Butts	7,828	56,977
Jute Rejects	400	8,869
Paper Hangings	26	3,841
Paper Stock	2,380	32,660
Waste		_
Total		\$171,186

TOTAL IMPORTS.	
General Merchandise, for the week ending April 4. Paper, Paper Stock, &c.— For the year ending May 23, 1873	\$4,176,890 15,074,820
For the year ending May 25, 1874	12,150,850
For the year ending May 21, 1875	18,292,89
For the year ending May 26, 1876	11,298,400
For the year ending May 21, 1877	9,627,69
For the year ending May 24, 1878	10,246,41
For quarter ending Aug. 27, 1878	2,111,48
For quarter ending Nov. 28, 1878	2,811,86
For quarter ending Feb. 28, 1879	2,160,62
For the week ending Mar. 7, 1879	172,00
For the week ending Mar. 14, 1879	902,81
For the week ending Mar. 21, 1879	109,48
For the week ending Mar. 28, 1879	282,67

IMPORTS of Rags and Paper Stock at the Port of New York, since Jan. 1, 1879, from the follow-ing Ports, showing quantities from each Port.

	Rags. Bales		Manilla Stek Bales.
Antwerp	999	560	
Bremen	419	91	466
Catania	504		
Dundee	-		450
Glasgow		584	589
Halifax	_	17	_
Hamburg	909	369	190
Havana		40	_
Hong Kong	268	_	-
Hull	2,359	481	97%
Kingston		_	_
Konigaberg			_
Leghorn			
Liverpool		708	2,898
London		4,006	3,868
Malta		-	_
Neuvitas		_	-
New Castle			495
Palermo			_
Pillau	191	_	-
Port-Au-Prince	18	_	_
Rio Janeiro	105	-	_
St. John's	_	48	-

Rags, Paper and Paper Stock-(Continued). EXPORTS of Paper, Books, &c., from the Port of New York to Foreign Ports, for the week ended April 8, 1879, with Aggregates and Values.

BOOKS, cases, to Dutch West Indies, 4; to Bremen; to Glasgow, 1; to United States of Colombia 16; to Liverpool, 25; to Mexico, 18; to Havre, 12; to British West Indies, 1; to Hayti, 7; to Cuba, 6

PAPER, to Danish West Indies, 7 pkgs.; to Hamburg, 22 pkgs.; to Rotterdam, 3 cs.; to Cadis, 10 rms.; to Liverpool, 3 cs.; to Mexico, 3 pkgs.; to British West Indies, 1,185 rms., 28 pkgs.; to Ecuador, 151 pkgs.; to United States of Colombia, 85 pkgs.; to Hayti, 1,009 rms., 2 pkgs.; to Cuba, 558 pkgs.; to Porto Rico, 2,500 rms.; to Brazil, 605 pkgs.; to Venezuela, 1,375 rms.

STATIONERY, cases, to Bremen, 5; to Liverpool 7; ss Mexico, 3; to New Zealand, 1; to British Australia, 6; to British West Indies, 2; to United States of Colombia, 23; to Cuba, 3.

AGGREGATES AND VALUES.

Paper, reams	6,079	\$1,135
Paper, pkgs	1,461	7,000
Paper, cases	6	660
Books, cases	87	8,974
Rosin, bbls	10,657	24,658
Stationery, cases	50	4,144
Totals	18 240	946 566

TOTAL EXPURTS

General Merchandise, for the week ended April 8, 1879.

\*\*Paper, &c., for the year ended May 27, 1873. 2, 889, 482 Paper, &c., for the year ended May 26, 1874. 1, 789, 877 Paper, &c., for the year ended May 28, 1875. 2, 387, 682 Paper, &c., for the year ended May 28, 1876. 1, 636, 348 Paper, &c., for the year ended May 28, 1877. 1, 790, 669 Paper, &c., for the year ended May 28, 1878. 1, 576, 562 Paper, &c., for the quarter ended Aug. 27, 78. 2, 576, 576 Paper, &c., for the quarter ended Nov 26, 787 Paper, &c., for the week ended Mar. 4, 1879. 19, 903 Paper, &c., for the week ended Mar. 11, 1879. 60, 984 Paper, &c., for the week ended Mar. 11, 1879. 1879. Paper, &c., for the week ended April 1, 1879. 33, 681 Paper, &c., for the week ended April 1, 1879. 38, 981 Paper, &c., for the week ended A

#### NEW YORK IMPORTS

FROM APRIL 4, 1879, TO APRIL 10, 1879, INCLUSIVE

Rags, &c.

W. O. Davey & Son, Rhein, London, 53 ba, paper aste; 108 bs. rope junk. waste; 103 bs. rope junk. Lee & Sturges. by same, 70 bs. rags. W. I. Clark, by same, 259 bs. paper stock. Friggs & Taylor, by same, 119 bs. rags. Campbell, Hall & Co., Greece, London, 127 bs. rags. J. W. Lyon & Co., by same, 89 bs. rags. J. Libmann, by same, 40 bs. paper stock. W. I. Clark, by same, 164 bs. paper stock.

Fabbri & Chauncey, L'Amico, Catania, 504 bs W. H. Parsons & Co., Ethiopia, Glasgow, 43 hs paper stock.

Fay, Donnelly & Co., Parthia, Liverpool, 3 es

iangrugs. J. B. Wall, by same, 1 cs. F J. Emmerich & Co., Silesia, Havre, 8 cs. hang-

L. De Jonge & Co., by same, 5 cs. B. Illfelder, by same, 1 cs. T. A. Norman, by same, 5 cs. May Brothers, by same, 7 cs. Chas. Beck, Rhein, Bremen, 1 cs.

# BOSTON IMPORTS.

FROM APRIL 3, 1879, TO APRIL 9, 1879, INCLUSIVE. [Norg.—For some unexplained reason the Custom House authorities at Boston have decided to with hold the names of importers of chemicals from the press. Parties wishing their names to appear in the eports of imports will please commun Henry Blanchard, No. 86 Batterymarch street.—ED.

Books.
E. A. Snow, Brazilian, Liverpool, 1 es Houghton, Osgood & Co., by same, 1 cs. Wellesley College, Marathon, Liverpool, 2 cs. Estes & Lauriat, by sama, 2 cs. A. Roffe & Co., by same, 1 cs. E. A. Snow, by same, 1 cs.

N. J. Bartlett & Co., by same, 10 cs. G. Ellis, by same, 1 cs. J. C. Rogers, by same, 1 cs. printed matter.

H. Schoenhof, Brazilian. Liverpool, 1 cs. music. A. P. Schmidt, by same, 1 cs. music. A. P. Schmidt, Marathon. Liverpool, 2 cs. music.

Roberts Brothers, by same, 1 cs. printed sheets. Paper.
Brown Bros. & Co., Marathon, Liverpool, 1 cs.

C. Ried, by same, 1 cs. manufactured.
T. Strahan, Jr., by same, 1 cs. hangings.

Paper Stock.

8. D. Warren & Co., Brazilian, Liverpool, 278 bs. ags. C. A. Cheney, by same, 130 tons rags; 35 bs. paper

8. D. Warren & Co., Marathon, Liverpool, 261 bs. Warren & Co., by same, 55 bs. paper stock. Morey & Co., by same, 5t tons paper stock. H. M. Knowles, by same, 58 bs. rags; 80 bs. junk. Briggs & Taylor, by same, 226 bs. rags,

Briggs & Taylor, by same, 250 m. rags. Briggs & Taylor, Bohemian, Liverpool, 42 bs. rags. Train, Hosford & Co., by same, 65 colls rope. Morey & Co., by same, 4½ tons rags; 108 bs. paper

S. D. Warren & Co., by same, 100 hs. rags. C. A. Cheney, Minnesota, Liverpool, III bs. rags. Crocker, Burbank & Co., Auguste Andre, Antwerp, 478 bs. paper stock. Briggs & Taylor, Manitoban, Glasgow, 54 bs. paper stock.

Jute Butts.

Tudor & Co., Ice King, Calcutta, 3,700 bs.

Sods Ash.

Wing & Evans, Marathon, Liverpool, 48 cks.

W. B. Reynolds & Co., Bohemian, Liverpool, 88 cliss. Order, by same, 36 cks.

Order, by same, 53 cks. Order, by same, 45 cks. Bleaching Powder,

Bleaching Fowder,
Order, Bohemian, Liverpool, 115 cks.
Caustic Soda.
Wing & Evans, Marathon, Liverpool, 100 drums.
Order, Bohemian, Liverpool, 100 drums. Order, by same, 416 drums China Clay Boston and Sandwich Glass Company, Bohemian,

Liverpool, 20 cks. J. Henry Blanchard, Seminole, Savannah, 18 cks. Venétian Red.
C. L. Andrews, Marathon, Liverpool, 200 bbls.

C. L. Andrews, Manitoban, Liverpool, 200 bbls.

Hide Cuttings.
C. A. Cheney, Minnesota, Liverpool, 18 bags.
Stoddard, Lovering & Co., Bohemian, Liverpool, 180 bags. C. A. Cheney, Brazilian, L'verpool, 23 bs.

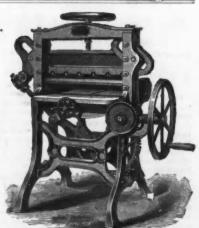
PHILADELPHIA IMPORTS

Books.
P. Flattery, Juniata, Savannah, 1 cs. National Publishing Company, by same, 1 cr.

Paper Stock.
sup & Moore Paper Company, Juniata, Savannab, 1° bs. P. Flattery, by same, 18 bs.

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SMITH, WINCHESTER & CO., South Windham, Conn.,

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United States.

THE JOURNAL contains the latest and fullest in THE JOURNAL CORTAINS the latest and runest in-formation relative to the paper trade in all parts of the world, including descriptions of new appliances and processes for making paper, experiments with new fibres and other materials, a record of the water supply, with the latest manufacturing news in all parts of the country. It gives the cream of all the foreign technical journals which relate to the paper interest, besides communications from compe persons in the trade, both at home and abroad. The market review and quotations show the state of trade in all the principal cities, and no pains have been spared to make these accurate and complete.

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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.

All communications must be addressed to

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## TO CORRESPONDENTS

As THE PAPER TRADE JOURNAL is the nehicle of communication in matters of trade in wehicle of communication in matters of trace in-terest, we will be glad to receive correspondence from all parts of the country. Information and sugges-tion upon paper-making topics are especially valu-able, and manufacturing news and personal ilems

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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 correspondents of the source of their information.

PREPARATIONS are being made for a collective exhibit of American papers at the three exhibitions shortly to occur in Australia, the first of which will be held at Sydney in October. This is another opportunity for our manufacturers to extend their market, and ought not to be neglected. If there is any one who wishes to make special arrangements for representation at Sydney we can put him in correspondence with a gentleman connected with this paper and resident there.

VERY encouraging reports come from all parts of the country as to the character of general trade. In some of the lines upon which the paper trade relies for support there is a wholesome activity. The most favorable reports at present come from the West, and it hardly seems possible that the movement will be confined to any locality. Our reports very plainly indicate the paper way of business low prices prevail and full stocks do not help to improve them. Comparatively speaking, taking other countries into contrast, we have the least to complain of, and if the country was only assured of relief from the distraction of financial issues which the people want to see at rest, we would find business settle down into a steady pace with certainty of prosperous

THE French are getting uneasy as to the future industrial development of Italy. That country has the cheapest labor in Europe, and perhaps the greatest number of people who ought to be "set to work." One obstacle, and it is a big one, is in the way-there is little or no coal. So far as the paper trade is concerned this does not seem to make much difference. Rags-the raw material-are in sufficient abundance, and the hard times, it is believed, will induce the Italians to seek a remedy for the depression in foreign markets. Though the paper manufacturers are not in a position to make much of an experiment just at present, yet this is not the case with other manufacturers, especially those of silk, and their example will no doubt exert an influence on all branches of industry.

THE art of dyeing has made extraordinary progress within a few years. There seems to be no limit to the new shades of the aniline colors. The great manufactory in Germany cleared a profit last year of several hundred thousands of dollars, and now the Ludwigshafen establishment bids fair to have struck another mine in the anthracene blues-sold in commerce under the name of alizarine blues, but which in reality are an intermediary between indigo and alizarine. The acetate of chrome, the ferrocyanide of potassium or of ammonium are the best mordants. By a special preparation the dye may be made to resist light, but it is evident that further experiments are yet necessary to make it useful. It is said to be superior in many respects to ultramarine and indigo. Quite a controversy is going on before the Société Industrielle of Rouen as to the merits of chrome and vanadium in the obtaining of black. The latter substance is excessively dear, but an infinitesimal proportion is said to be efficacious-some say one millionth part of the weight of the dyeing preparation. Bichromate of potash, which was added to the amount of 10, 100, 1,000 and 10,000 times the quantity of vanadium, only produced a very imperfect black. Vanadium, we are told, is cheap when we consider how little of it is required. There is every probability of further improvements, and we may expect soon to see textiles and papers which for brilliancy and lustre of colors will equal "the birds of tropic clime."

## Communications.

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

# Economy in Fuel.

To the Editor of The Journal:

"Paper-Maker" says he can produce better results from the consumption of fuel with the use of the "Jarvis" than I gave in a former article, and goes on to say that he is "producing 8,500 lbs. of wrapping paper per day of twenty four hours from 5,500 to 6,000 lbs. of pea coal, dust, and soft coal mixed." This marvelous yield of paper from the consumption of 6,000 lbs. of coal may not be attributable alone to the Jarvis; most certainly he can get no more carbon out of his coal than it absorbed from the sun when it was growing vegetables, under the best arrangement for combustion. Now every one knows that it requires a certain amount of carbon to raise a given quantity of water to a temperature of 70 lbs, to the square inch; a pressure ufficient to render the silex of the straw so Where, then, comes in this remarkable yield ?

Let us see if there is not an easy solution of this problem. He gives us no data as to how he cooked his straw; what care he took to subdue the vegetable matter; how long he boiled the straw, and at how high a temperature of steam to render soluble the silex. It is important to have these data before we give our opinion as to his superior economy in the use of fuel. I have my mind on a manufacturer who makes his paper (?) with about one half less fuel I do. Why I boil my straw until it is cooked, and he steeps market here, and we find that while there his till it is soft, and then grinds the raw straw stated at about \$10,000. The reasons assigned management of the cash of the maid estate, without 'ad that bad for some time.

is something constantly going on in the and makes what sells for paper. In order to by the firm for its failure are bad debts, the firm in any way leaving themselves liable to the creditors institute a fair comparison in the consumption of fuel to the production of a ton of paper, reference must be had to the manner or quality of the work. I do not see how "Paper-Maker, without any data to guide us, throws any light upon the practical economy of fuel in making straw wrapping. But surely his short article does give us light, if it does nothing more. He says: "I am producing 8,500 lbs. of paper per day of twenty-four bours."

Now, if all the paper-makers like him are run ning their mills up to their full capacity, is it any wonder that the paper market is broke and completely demoralized? Since our meeting last June at the Stanwix, I have aimed to run my little mill on half time, and bating repairs, short water, inclination and low temperature, I have not until very lately seen more than half of that half, and by thus imitating the Western association have, by prudent and advantageous sales to consumers, saved a little butter for my bread, whereas, if I had run on full time and sent my paper to a demoralized market to be sold where there is so much competition, I would have had no butter at all, and very likely no slice to spread any on. Had all of our manufacturers from that time limited their mills to half time, they would have been better off to-day-prices of paper would not have been at the mercy of a market-the supply and demand would have been commensurate with a healthy market and both the manufacturer and commis would have been on a more friendly commer cial platform.

No greater mistake could have been made by nanufacturers than the one they made at their last meeting by refusing to agree on the twelvehour system, and thus regulating the market themselves. If a meeting was now convened I have no doubt the measure would receive a favorable response, and for one, I would be glad to see a trial of that policy. One thing, how ever, is apparent, and that is that straw wrapping is much more brisk than it has been for the last six months, and prices a little better, but still it is below a living rate, and ought to be improved in some other way than by studying onomy in fuel." J. M. SCRIBNER.

#### Changes, Removals and New Firms.

F. N. Kellogg, stationer, Bluffton, Ind., has

L. D. Virgil, stationer, Mexico, N. Y., has sold out to Whipple & Gass.

Fred. G. Gibbs, stationer, Detroit, Mich., is closing out his business.

Oscar R. Morey, stationer, Gilman, Ill., has old out to J. P. Orcutt

Clemmitt & Jones, printers, Richmond, Va., have dissolved partnership.

Brooks, Schinkel & Co., dealers in books and stationery, Cleveland, Ohio, have dissolved part-

Whitcomb & Shaut, stationers, Towarda, Pa. have dissolved partnership. S. P. Whitcomb

A. H. Neidig & Co., publishers of the Republican, Marshalltown, Iowa, have sold out to Henderson & Merriman. E. L. Schinkel, has been admitted to the firm

of Ingham, Clark & Co., dealers in books and stationery, Cleveland, Ohio. J. Harper Bonnell has retired as general partner from the firm of Arthur & Bonnell, station-

ers, New York City, but remains as special. J. Harper Bonnell has been admitted to partnership in the firm of D. W. Wilson & Co., manufacturers of printers' ink, New York City.

Brown & Hard are removing from their store on William street to their new quarters, located at 29 Murray street and 33 Warren street. Their new store will be fully occupied by April 15.

John Gebhardt and Philip Kramer, Detroit Mich., have formed a copartnership for the purpose of doing a wholesale and retail paper stationery business. The style is Gebhardt &

John H. Taylor, of the firm of Briggs & Taylor, whose dissolution is announced to take place on May 1, will continue in business at the old store, 60 Duane street. Mr. Taylor has been in the trade for some fifteen years, and has had a varied experience both in home and foreign

# Failures.

P. Hirschfield, stationer, Los Angeles, Cal., has assigned.

Wilev

mouth. Ohio, have been sold out. J. R. Garrett, publisher of the Sentinel, Mount

Sterling, Ky., has assigned. Henry A. Young & Co., booksellers and sta-

tioners, Boston, Mass., have failed. Application has been made to force T. L. Steel, aper manufacturer, Montreal, Canada, into

A meeting of the creditors of R. Crampton Rock Island, Ill., dealer in bocks and stationery, was held at the rooms of the Stationers' Board of Trade, on Tuesday afternoon. The liabilities were stated at about \$30,000. The creditors ed to accept fifty cents on the dollar in full for their claims, twenty-five cents to be paid in cash, and the balance in notes at six, nine, and twelve months. Mr. Crampton has been in ss about twenty years, and was formerly of the firm of Devoe & Crampton, which was succeeded a few years ago by Crampton & Co.

Dell & Knapp, bookbinders and stationers, Baltimore, Md., have made an assignment for the benefit of their creditors. A meeting of creditors was held on April 2, at which an offer was made to pay thirty cents on the dollar, and upon an examination of their affairs this was accepted. The creditors were very favorably disposed towards the firm, and their action in the matter was unanimous. The liabilities are

Kelly, Piet & Co., of Baltimore, owing them \$3,600, among others.

John R. Cushman & Son, manufacturers of leather board, North Amherst, Mass., have failed. The affairs of Frank Leslie, who made an as

signment on September 8, 1877, and whose business has since been carried on by Isaac W. England, the assignee, command attention from the action of the Board of Trustees, at their meeting on March 20 last, at which time an arrangement was completed by and between Mr. Leslie and four of the trustees, acting in their capacity as attorneys for the creditors. It will be remembered that at the meeting held on September 13, 1877, a committee was appointed to investigate the affairs of Mr. Leslie and to re port some plan of action to the creditors. At a meeting held on October 5, 1877, this comm reported. It recommended the appointment of a oard of five trustees to take charge of and carry on the business for a term of three years and three months, ending January 1, 1881. The creditors were to receive 80 per cent. of the entire net profits, Mr. Leslie taking the remaining 20 per cent., and in the meantime drawing \$200 a week salary for his services. The creditors signed a full power of attorney to enable the trustees to conduct the business. Mr. Leslie entered into this arrangement, supposing there would be no obstacles in the way of the assignee turning the business over to him, so that he could put his entire affairs in the hands of the trustees. But although almost all of the creditors were willing, one difficulty after another arose, and this arrangement has never been completed. Mr. England has, as assignee, carried on the business, at times consultwith the trustees. Some five months later Mr. Leslie proposed to settle at 50 cents. The trustees voted to accept, but Mr. Leslie not raise the money. Meetings of the board have been held from time to time, but nothing of special importance was acted upon until the 20th ultime, when another agreement was completed with Mr. Leslie. There were four mem bers of the board present, viz., A. H. Rice, W. H. Parsons, John H. Hall, and Edward Goodwin, Jr. These four signed the agreement. W. D. Wilson, the fifth trustee, was not pres and now claims that he was not notified. The arrangement covers the taking of the business out of the hands of the court, and turning it over to Mr. Leslie, he agreeing to pay 40 cents in two years and nine months, in addition to the 15 per cent, dividend already paid. There is to be a board of trustees, to be composed of three of the present board of five. To this board Mr. Leslie is to give a chattel mortgage on all his property of whatever character, and also pledges himself to a certain course of action, including the drawing of a stipulated sum, upon the violation of which in any part the trustees can foreclose the mortgage, and assume full charge of the business. The three do not propose to be in any way liable to the creditors This whole action is based on the idea that the trustees have a full power of attorney to do just what they please with this estate. They certainly hold such a paper, but certain creditors who signed have since revoked their authority. and claim that they signed under a misappre hension. Mr. Wilson, who was not present at the meeting, has sent a circular to the creditors, which is given below. Mr. Goodwin, the resolution, has since, it who signed is understood, become convinced that it is not to the best interests of the creditors, and he will do what he can to prevent its co inasmuch as he signed hastily and under a misapprehension. Mr. Leslie has applied to the Court for a settlement of the accounts of the assignee preparatory to turning over to him the entire estate in accordance with the authority given by the creditors through the board of This is set down for the 21st inst. It is claimed that creditors representing over \$100,000 will endeavor to prevent the business being taken out of the assignee's hands. other hand the majority board claims that it represents all the creditors and that its power of attorney is complete and irrevocable. The whole matter depends on how the Court will look upon this power of attorney. A number of the principal creditors feel that the affairs of the concern are progressing well enough. When Mr. England took possession he had to borrow \$6,600 to pay the hands with. He found the whole establish ment in had condition. New and more desirable quarters had to be occupied, a burdensome lease had to be got rid of, a suit with the Government were paid, which outlays amounted in all to about \$60,000. Twenty per cent. in dividends has been paid, which figures up another \$60,000. This all proves the large paying capacity of the estate and the efficiency of Mr. England's management. Against this view there is the opinion of the majority of the board that the bu could have been carried on more economically and that the creditors will secure more from the results of the new arrangement. Following is letter addressed to Mr. Leslie's creditors by

To the Creditors of Frank Leslie:

Mr. Wilson, one of the five trustees:

On the 5th day of October, 1877, at a meeting of the reditors of Mr. Leslie, it was resolved that a condittee of five be appointed to act in the interests the general body of creditors. On the 22d day of October, a power of attorney was executed to carry out this resolution, and Messrs. Hall, Parsons, Rice, Goodwin and myself were appointed the five repreentatives of the creditors.

On the 20th of March, 1879, a majority of this com-nittee executed, I am told, some form of agreement with Mr. Leslie, authorizing the assignee to surren der to him his estate upon his promise to pay by the 1st of January, 1882, what would amount, after allowing for the last dividend paid, to about 45 per cent, of the balance of their claims.

This agreement provides that three of this commit-tee retain for themselves sufficient power to enable them to control the purchase of supplies, and the

They are to be over Mr. Leslie for a term of years, but without liability; assuming, in fact, power out responsibility

I deem it my duty to inform the creditors that this agreement was discussed, resolved upon and matured by certain members of the committee without est conference with me as one of your dele ed representatives, or with the assignee, and with no hint to me as to the complete overturn in the conduct of the estate that was in contemplation.

Indeed, I am informed that the members devising this scheme bound Mr. Leslie to secrecy, so that the matter should not be brought to my knowledge, or that of Mr. Goodwin, another of the committee. The scheme, so framed, was embodied in the form of a resolution and was hastily passed by a majority of the committee at a meeting at which I was not present, and to attend which I received no notice. This was the more singular in view of the fact that there had not been any discord or ill-feeling between myself and any member of the committee

It should also be stated, that this was the first neeting of the committee during the eighteen months that we have conferred together at which any matter of moment to the creditors had been passed upon rithout a full attendance of the members.

I desire now to state to the creditors that in my

judgment this agreement is a surrender of their rights partly in Mr. Leslie's interest, and partly in other interests. I believe that Mr. Isaac W. England, the assignee, whose administration of the estate has been characterized by a devotion to the interests of the creditors, an ability and an integrity as rare as it is praiseworthy in these days, could, in the two years and nine months given to Mr. Leslie by this new arrangement to pay 45 per cent, of the debts, dis-charge the indebtedness of the estate in full—dollar for dollar.

I do not see why such concessions should be made to Mr. Leslie, and he reinstated in an estate worth at the smallest estimate a quarter of a million of dollars upon his simple promise to pay his creditors half of what they are entitled to. It enriches him at too great an expense to others.

I therefore have protested to the assignee as one

of your representatives against the consummation of this bargain, and feel that I should not have done my duty to you who have honored me with the trust inless I had brought to your knowledge the fact that

I had so protested against a scheme so detrimental to your interests, and had given you the caution which I think the circumstances of the case call for. Very respectfully, W. D. Wilson, one of the Committee of Five Creditors to the estate

William L. Sands, the assignee of Daniel D. Comes, called a meeting of the creditors on Thursday, at the office of L. G. & R. L. Garrettson, at No. 26 Broad street, but owing to the inclemency of the weather there was a very small attendance present, and an adjourns was agreed on until Monday afternoon, April 14, at the same hour and place. The liabiliti are \$8,194.89, the nominal assets \$2,585.52, and actual, after deducting bad debts and other allowances, \$1,268.56. The creditors are between forty and fifty in number. The creditors present at the meeting seemed favorably disposed toward Mr. Comes, and a speedy settlement is probable.

## Chattel Mortgages.

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

NEW YORK CITY.	
	Amount.
H. L. Crane	\$112
A. & J. Dickson	500
J. McWilliams	10,180
W. J. Reed (R)	856
EASTERN STATES.	
A. H. Brooks, Boston, Mass	50
W. O. Milne, Fall River, Mass	561
Geo. W. Severance, South Abington, Mass	1,650
W. E. Moore, Manchester, N. H	300
WESTERN STATES.	
John Berg, Chicago, Ill	500
C. F. Holman, Chicago, Ill	300
A. R. Fleming, St. Louis, Mo	430
SOUTHERN STATES.	
J. F. Hamilton, Baltimore, Md	300
A. D. Thompson, Baltimore, Md., b. s	

# Fires.

A fire at Nos. 57, 59, and 61 Kingston street, Boston, on Wednesday last damaged the stock of Whitney Bros., wholesale paper and twine dealers, to the loss of \$75.

Edwin H. Sampson's "Shirley" leather board mill, at Shirley Village, Mass., was burned on April 3. The loss is \$14,000, on which there is only \$7,000 worth of insurance, distributed among a number of companies. The reason for so little insurance is that the Shirley mill and the Squanacook mill are both on one dam, and the policies cover specific matter to the extent \$85,000, the loss being confined entirely to the small mill. Had it not been for a Wiswall pump, driven by a special wheel, the loss would have reached at least \$150,000. As it was, the fire was extinguished after damage to the extent stated.

## In Town.

S. Y. Beach, Seymour, Conn.; Wellington Campbell, Milburn, N. J.; F. G. Weeks, Skane-ateles, N. Y.; L. C. Woodruff, Buffalo, N. Y.; Willard Rice, Boston, Mass.; Chas. Crocker, Fitchburg, Mass.; C. O. Chapin, Springfield, Chaffee, Lee, Mass.; Mt. Holly Springs, Pa.; John McLean, Ballston Sp., N. Y.

The paper handkerchiefs and napkins, in Japastyle, which the Cleveland, O., Paper Company is offering for sale, have taken very The patterns are, many of them, new and the goods themselves are admirably adapted for use at tea-parties, lunches, pic-nics, and for public dinners, hotels, restaurants, &c.

An Englishman arrived in New York last week remarked to a friend that he was never sick as on the passage over. His friend replied: "What, never?" And he answered: "Ab, now I begin to feel at 'ome, you know; we 'ave

## Manufacturing News.

EASTERN STATES A new leather-board factory is to be started at Lewiston, Me.

The Wauregan paper mill at Holyoke was delayed for about two days last week by the bursting of the pipe connecting the Jordan engine and the chests

Wilkinson Brothers & Co.'s new mill at Birmingham, Conn., which replaces that burned last fall, was started up on Wednesday last for the purpose of trying some of the machinery. It will be making paper by May 1.

Seventy men have been thrown out of employment by the closing of the Jessup and Laflin paper mills, Westfield.

MIDDLE STATES.

A new Jordan engine has been put in at the mill of the Hudson River Paper and Pulp Company, Palmers' Falls, N. Y. It was started last Saturday.

The old paper mill at Long Ferry, near Perth Amboy, N. J., is being fitted up as a factory for the manufacture of emery.

The Wissahickon Mills, Philadelphia, are running on paper for the Philadelphia Times, supplying rolls of 1,000 lbs. weight. E. C. & P. H. Warren's paper mill, Philadelphia, Pa., was damaged during the storm of

last week to the extent of \$3,000 by the chimney falling over and demolishing the steam engine. A gentleman at Pleasant Mills, N. J., is raisplace of the one that not long ago burned down,

ing yucca. A new paper mill is to be erected in and vucca and other products of South Jersey are to be used in the manufacture of paper.

WESTERN STATES

The mill of the Adrian (Mich.) Paper Mill Company, lately idle, has been overhauled by the Adrian and Mansfield Paper Manufacturing Company, which has taken the mill and will run

A new and larger water wheel has been put in at the mill of the Tama City (Iowa) Paper Com-

New buildings are being erected, and n machinery is to be put in at the Elkhart (Ind.) Wood Pulp Works, for the purpose of increasing capacity.

The growth of business has compelled the Ypsilanti (Mich.) Paper Company to add to its plant. Two new machines have been put into the "Superior" mill. The capacity of this company's mills has been largely increased both by the additions and rate of speed.

SOUTHERN STATES.

Machinery has been set up at Fernandina, Fla., for converting palmetto fibre into paper The establishment of a mill at that point is, for the present, experimental. The fibre is said to make a very superior quality of paper.

FOREIGN.

The wood pulp and paper mills at Nieder schlema, near Schneeberg (Germany) will be able to declare a larger dividend this year than ever before, although no greater quantity of r has been sold, and that the average price has fallen from 55 to 53 marks per 100 kilos. The total profits for the year have been 189,119 marks, which will insure a dividend of 131/8 per

The Freiberg Paper Mills at Weissenborn made 125,334 marks profit during the year, which will allow of a dividend of 5 per cent. The reduction in prices of paper was nearly covered by reductions in raw materials—especially esparto grass-and in wages.

## SPECIAL NOTICES.

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

Australian International Exhibition. Australian International Exhibition.

Manufacturers of paper, who desire representation through us at the Exhibition, to be opened at Sydney in September, must make immediate application in order that proper space may be secured.

Our collective exhibit will be more complete even than that at Paris last year, and covering every variety, will doubtless still further advance the already high character which American papers have secured in so many of the markets of the world.

WOOLWORTH & GRAHAM.

FIFTH EDITION.

IN PRESS. 2

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Publisher, 74 DUANE STREET, N. Y.

## Market Review.

OFFICE OF THE PAPER TRADE JOURNAL, FRIDAY EVENING, April 11, 1879.

THE MONEY MARKET.-The monetary situation early in the week showed some signs of stringency, and 7 per cent. was the rate commonly charged borrowers on call, with exceptional transactions to Stock Exchange borrowers as high as 1-32 to 1-16 of 1 per cent. per diem. The great bulk of the transactions was at 6 per cent. The market toward the close assumed an easier tone, and under a steady increase in the supply of capital seeking employment the rates dropped to 4 to 5 per cent., which were the closing rates. The Government bond dealers were readily accommodated at 21/4 to 3 per cent. The currency movement, which has been against the city banks for some weeks, will soon turn in their favor, and it is confidently expected that in a short time the surplus reserve will show a handsome increase. The rapidity with which the new 4 per cent. loan has been absorbed may justly be regarded as indicative of a belief on the part of capitalists that money is likely to rule easy in the future. In discounts the rates for prime mercantile paper ranged from 5 to 7 per cent., but at the close the range was narrowed to 5 to 6 per cen . Quotations for commercial paper are as follows: 60 to 90 days' indorsed bills receivable, 51/4 to 6 per cent.; 4 months' acceptances, 6 to 7 per cent.; good single names, 4 to 6 months, 61/4 to 7 per cent. double mame 60 day paper, 51/2 to 6 per cent.; double name, 4 months, 6 to 7 per cent., and first class single name, 61/2 to 7.

Government bonds were strong in tone the first of the week, but at the close the market assumed a weak tendency. Registered 5s of 1881 declined from 103% to 103%, and coupon do. fell off 1/8 to 1045/4; \$300,000 registered 10-40s sold at 1011/a, and \$320,000 registered4s. at 99%.

The posted rates to-day are: Sterling 60 days, \$4.861/4; sterling, sight, \$4.881/4; cable transfers, \$4.881/2 to \$4.891/2; commercial sterling, prime long,\$4.84½ to \$4.85½; commercial sterling, good long, \$4.85 to \$4.84; Paris, bankers', 60 days, \$5.18% to \$5.17%; do. sight, \$5.17% to \$5.16%; Antwerp, bankers', 60 days, 5.18% to 5.17%; do., sight, 5.16% to 5.17%; Swiss, bankers', 60 days, 5.18% to 5.16%; do. sight, 5.16% to 5.15; Reichs marks (4), bankers', 60 days, 95% to 95%; do., sight, 95% to 95%; Guilders', bankers, 60 days, 40% to 40%; do., sight, 40% to 40%, and Paris dispatches quote exchange on London at 25 fr.

THE PAPER TRADE.—The market has un dergone no particular change during the past week, and in extent of demand and general line of prices remains as previously noted. Writings, Ledgers and Records are in better movement than some other kinds, yet what trade is in progress is of a limited character. Engine-sized ontinue in medium and slow call, and no new feature is shown. A small shipment of Fine Writings was made to Italy during the week by а city dealer. In Book Papers по particular grade moved with any great degree of animation, and no changes are noted in quotations. News Papers sell in about the same extent of call as for some time past, at fairly steady figures. Ordinary Wrapping Manillas are still offered at extremely low prices, and there is not a single favorable feature to the business. Orders are taken and filled in some cases to give an appearance of business activity, and it is doubtful if any margin of profit is left to the seller. Straw Wrappings not only do not improve, but grow Supplies are being brought more depressed. into the market in very large quantities, and are being piled up in the warehouses to such an extent that it is getting to be a serious question as to what to do with them. This in the face of both a very moderate home demand and export trade, ought to act as a telling argument in favor of shutting down the State mills, as is proposed. Straw Boards are in the same slow movement previously noted. Binders' Boards have experienced no alteration in prices or de-

JUTE BUTTS.-Butts have been without im portant movement, but prices are held steady on the basis of recent sales. We quote 21/3c. cash and 2 3-16c. time, and bagging quality 2%c. Stocks at New York and Boston are reported 30,316 bales.

WOOD PULP.-The demand continues about as last reported. While some manufacturers belonging to the combination claim to be selling pulp at the price fixed last year, there is good reason for asserting that there are others in the combination who are offering pulp at less than 3c. Non-combination is selling at 21/20

FOREIGN RAGS AND PAPER STOCK .-This market has settled down to a position of great quietude, and the transactions made dur ing the week have been exceedingly limited in number. Although the prices at which the sales have occurred show no important giving way, there is a weaker feeling among holders, who are more disposed to meet the views of manu facturers than they have been for some time past. We hear of sales of 80 tons Turkey and Smyrna Rags, at 2%c. to 2%c.; 40 tons English Soft Shavings at 31/4c.; 25 tons German do. at 31/4c., and 10 tons English News and Pamphlets, an extra fine lot, at 2%c. to 2%c. The arrivals for the week foot up 909 bales Rags, 559 bales Paper Stock, and 103 bales Manillas.

DOMESTIC RAGS.—The market is very dull. The mills generally claim to have a good supply of stock, but when concessions are made to them some limited transactions occur. The dealers, on the other hand, are generally holding desirable grades at the previous firm quota tions, claiming a continued scarcity of such The sales include 10 tons Southern Mixed Cottons on private terms, 70 bales City Seconds at 1%c., 60 bales No. 2 City Whites at 3c., and 10 tons do. extra packing at 31/4 to 31/4 c.

BAGGING, &c.—Bagging is without any considerable movement, but prices are held steady

on the basis of late sales, with nothing reported placed outside of some few small lots. Gunny is held at 21/c, cash and 2%c, time, and No. 2 at 1% to 1%c. Among the transactions were 30 tons No. 1 Manchester Gunny, on private terms, 17 tons Manilla Rope at 2%c. and 5 tons do at 3c.

OLD PAPERS.—The previous favorable movement in this class of stock is tolerably maintained, with little, if any, change in prices The lower and medium grades of stock bring the former firm value, but the better qualities are not quite so strong. The sales embrace 18 tons Prints at  $1\frac{1}{2}$ c., and 5 tons Manillas at  $2\frac{1}{2}$ c. No. 1 Light Book Stock is firm at 1%c.; Newspapers at 21/2 to 21/4c.; Ledger Stock at 31/4c. Soft White Shavings at 3%c.; No. 1 Colored Shavings at 3%c. to 3%c.; No. 2 do. at 2%c. to

STRAW.—The supply of straw is in excess of the demand, and prices are rather nominal. The quotations at New York are 40c. to 45c. for Long Rye, 30c. to 35c. for Short do., and Oat at 35c, to 45c, cash. Prices in the vicinity of the mills range between \$5 to \$6 per ton.

ROSINS.—There is a fair inquiry for medium grades, but otherwise trade is light, and prices generally steady. The following are the quotations: D Good Strained at \$1.55; E at \$1.65; F Good No. 2 at \$1.80; G Low No. 1 at \$2.10; H No. 1 at \$2.45; I Good No. 1 at \$3; K Low Pale at \$3.50.

CHEMICALS.-The market is still quiet, and there have been no important changes in either prices for large quantities or jobbing lots, the latter continuing in moderate demand. Soda Ash sold at 1.70c., an advance on the previous week, and Natrona Porous Alum declined to \$2.30. Sales occurred within the past week as follows: 150 cks. Bleaching Powders, at 1% c. ; 50 tons Soda Ash, at \$1.671/4: Caustic Soda was quiet. there being no sales of any account; 50 tons Sal Soda, at \$1.15; 100 berrels Lump Alum, at 2c.; 150 barrels Ground Alum, at 21/6c.; 100 barrels Potash Alum, at 21/8c.; 150 barrels Natrona Forous Alum at 23-10c.; 50 barrels Concentrated Alum at  $2\frac{1}{2}$ c.; 50 tons Aluminous Cake at \$1.62 $\frac{1}{2}$ ; 10 cks. Yellow Prussiate at 22c.; and 10 cks. Scotch Bichromate at 14c.

COAL.-There has been a quiet market for all varieties of Anthracite coal during the past week, due to the proposed auction sale, and the feeling that all cutting of rates and war may not be at an end for some time. Saward's Coal Trade Journal says: "With the prices as they are, and the production so limited, the pros-pective large demand and low rates of water freights, there surely could be no better time to lay in a supply of Anthracite, and those who would made a profit this year should not delay too long. There is nothing at present in view that has the appearance of the formation of a combination. A reduction of the production may be looked for in the immediate future, however, for there is no incentive to continue heavy product at the ruling rates, and this course of action will bring about better prices, even should there be nothing more disastrous in the way of forced suspensions. From the East we hear that coal continues to be pressed for sale, and extremely low prices prevail. The demand has improved, and a very satisfactory aggregate is now being worked off. Regarding the business in the Pittsburg district, the works are now all in operation along the river on the three cent basis. There are yet some mines, however, which remain idle, the operators not conceding all the 'requirements' asked by the miners. The strike lasted about ten weeks, and greatly injured the coal trade of the upper Ohio." Quotations at tide water are: Lump, \$3.25; Broken and Egg and Stove, \$3, and Chestnut, \$2.75. Quotations for Broad-Top semi-Bituminous Coals are: \$3 at Philadelphia and \$4 at South Amboy, N. J. Cumberland Coal is quoted at: Baltimore, \$2.80 to \$3; South Amboy, \$4.25; New York, \$4.35. Clearfield is nominally quoted at \$2.80 at Baltimore, \$3 at Philadelphia, \$4 at South Amboy, and \$4.25 at New York (alongside).

## PRICES CURRENT.

NEW YORK MARKET.

Paper Market.

ч	DEALERS SELLING PRICES.
ы	Ledger and Record\$0.18 @\$0.24
П	Flat Caps, Superfines
4	Flat Caps, Fines
1	Flat Caps, engine-sized
. 1	Blotting, American
ч	Blotting, English
1	Book, super-sized and calendered 9460 15
-1	
1	Book, extra machine finish, low grade 84@ 101/4
: 1	Book, extra machine finish, low grade 844 1014 Book, extra machine finish, tinted 814 1014
	Book, No. 1, Shavings & Imperfections 81/2 0 10
9	Book. No. 2, Shavings & Imperfections 8 @ 814
П	Book, No. 1, Shavings & Imperfections         8½         10           Book, No. 2, Shavings & Imperfections         8          8½           News, rag and wood
	News, rag and wood
ч	News Common 6 @ 616
. 1	Hanging, Superfine, No. 1 11 @ 12
	Hanging, Superfine, No. 3 9 @ 10
1	Hanging Superfine No. 3 7140 814
	Hanging, Machine Satin, No. 1 7 6 714
	Hanging, Machine Satin, No. 1 7 % 7% Hanging, White Blank, No. 2 6 % 6%
	Hanging, White Blank, No. 3 51603 6
U	Hanging, White Blank, No. 2
	Hanging, Buff 41/400 41/4
٠	Hanging, Brown 334 416
5	Colored Papers, Double Mediums 9 4 1014
	Colored Papers, Glazed Mediums 12 6 18 Colored Papers, Tobacco 8 6 9
	Colored Papers, Tobacco 8 @ 9
k i	Colored Papers, Tissues, 20 x 80, % ream 1.25 @
	Tissues, Black, 20 × 30, Fream 1.35 @ 1.50
	White Tissue, 20 × 30, Fream 1.10 @
1	White Tissue, 24 × 36, Fream 1.70 @
- 1	Manillas, Flour-sack, cream 1034@ 121/2
	Manillas, Flour-sack, drab 10 in 11
	Manillas, Rope, unbleached
	Manillas, No. 1, light weight 8 4 91/2
	Manillas, No. 1, light weight
9	meeting, Orthing Transports V 69 178
. 1	Manillas, No. 2 5 6 614
	Manillas, Bogus
-	size, 11 × 15, other sizes in proportion 16 (28
	Hardware, light colored 12 di —
	Hardware, No 1, glazed 8 @ 8
	Hardware, No. 2, glazed 7140 814
	Rinder's Roards 2 ton 50.00 6.85.00
	Straw Boards, air-dried, Album, W ton 55.00 @ 65.00
	Straw Boards, air-dried, Album, \$\pi\$ ton 55.00 \$\tilde{6}\$ 65.00 Straw Boards, air-dried. No. 1. \$\pi\$ ton. 50.00 \$\tilde{6}\$ 55.00
	Straw Boards, steam-dried, No.1, \$\psi\ton 50.00 &
	Straw Boards, steam-dried, No.2, 2 ton 47.50 @ -
١	Straw Boards, steam-dried, No. 2,
	State, \$ ton

ILIV AL.				17.4
ards air-dried Penn 19 ton 40	00 @4	2.5	Memel Rags.	*
eards, air-dried, Penn, \$\partial \text{ton 40} \\ \text{pards, air-dried, State, \$\partial \text{ton 40} \\ capping, basis, 15 x \$\pi_1\$, 10 b,	.00	2,5 2,53	CDFF	47400
rapping, basis, 15 x 20, 10 fb,			SPFF.	4146 414
te-	20 0		F F	3140 -
	60 0	-	FG LFB	8%@
	50 @	60		4 @ -
), from 16 lbs. to 25 lbs. W r'm,	50 @		Trieste Rags.	
, from 16 ms. to 25 ms. wrm,	30 Q	45	8 P F. 8 F F. 8 F B.	43603
	26 6	28	SFF.	440
), from 8 Ds. to 25 Ds. # r'm.	26 @		SFB	340
), from 8 hs. to 25 hs. # r'm.	15 6	25		-74-0
******************	12 6	_	Konigsberg Rags.	#1.4m #1
rapping, 9 b	8 @		SPFF	4146
rapping. 🖁 🕏	1.60@	194	FF	834.00
	36 m		SPF. FF LFB.	1 6 -
	46		Japanese Rags.	
Wasten Bass			Whites	2140 95
Woolen Rags.			Blues	2146 21
er Stock.	13 0	_	Colors	2 0 2
oolensy Stockings	1346	12	Chemicals, Coloring Materi	ala. Ac.
ockings	18 6		Alum hump	2 0 -
nnels	10	12	Alum, ground	2360 -
w Shirt Clippings.  offts, free of Carpets  Cloth  Joth	11 @	26	Alum, ground Alum, porous Alum, potash	8940 -
ofts free of Carnets	23 6	814	Alum, potash	2166 -
Cloth	740	814 714 414	Aluminous Cake, Pochin's Patent Aluminous Cake, "Elephant,"	1 69349
loth	4 @	434	Anti-Chlorine	1 0 -
irted Cloth	5 @	514	Anti-Chlorine Bi-Chromate Potash, Scotch	14 6 -
ht Clins	13 @ 15 @	14		14 6 -
ht Clipsek Clipse Clips	17 0	18	Caustic Soda, 60 per cent	8.70 2 -
e Clips	18 @	-	Clay, China, English, per ton	16.00 -
ts	33/4@ 12 @	14	Clay China English tu assiss non	
nev Linsey Cuttings	3 6	14	Clay South Caroline per ton	11.50 \$ 12.06
inets, clean stock	0 8	234	Clay, South Carolina, per ton	95.00 \$ 30.00
tes ney Shirt Cuttings ney Linsey Cuttings inets, clean stock nd Satinets stripped for extract	340		Clay, Terra Alba, American, per ton.	25.00 \$ 30.00 15.00 \$ 18.00
	1400 21400 21400	294	Copperas, American	140
ioe Lastings	-720	11/4	ton Clay, South Carolina, per ton. Clay, Terra Alba English per ton. Clay, Terra Alba, American, per ton. Copperas, American. Extract Logwood. N. Y. Lubricating Co.'s Comp'd, \$ <b>9</b> \$ <b>10</b> \$. Prussian Blue, dry.	11 6 —
rpets	4160		Prussian Blue, dry.	35 @ 70
arpeta	1 6	154		
inseys	1140	9	Orange Mineral	946 -
	17EW	~	Rosins good strained per bbl	1.55
Rags, Rope and Baggin	ig.		Prussiate Potash, American. Orange Mineral. Rosins. common strained per bbl. Rosins. good strained, per bbl. Rosins. jow, No. 2, per bbl. Rosins. jow, No. 3, per bbl. Rosins. jow, No. 1, per bbl. Rosins. good, No. 1, per bbl. Rosins. pale, per bbl. Rosins. pale, per bbl. Rosins. pate, per bbl. Rosins. pate, per bbl. Rosins. extra pale, per bbl.	1.65 0
hirt Cuttings, No. 1hirt Cuttings, No. 2	6360	63/4	Rosins, good, No. 2, per bbl	1.85 @
hirt Cuttings, No. 2	540	6	Rosins good No 1 per bbl	2.85
bod Musling	494@	5	Rosins, pale, per bbl	4.15 0 -
orted Whiteshed Muslins	4360	514 414 514	Rosins, extra pale, per bbl	4.60
nton Flannels	5 @	514	Sal Soda	1.15
nton Flannelston Strips, lightton Strips, dark	6 0	-	Soda Ash, carbonated	1.6716
hites	414 @ 294 @ 414 @	434	Rosins, extra pale, per bbl Sal Soda Soda Ash, caustic Soda Ash, carbonated Soda Ash, refined Soluble Blue Spanish Brown, dry	2 6 -
Canvas	4140	414	Soluble Blue	10 6 -
anvas	43.60	414	Spanish Brown, dry	1160 1
anvas. White Rags	456@ 116@	456	Sugar Lead, brown	840 -
(City)	1340	414 414 496 214 176	Soluble Blue Spanish Brown, dry. Sugar Lead, white. Sugar Lead, brown Sulphuric Acid, 60 degrees Sulphuric Acid, 66 degrees Ultramarine	1140
(City)	50 0	711	Sulphuric Acid, 66 degrees	11/400
Rope, tarred	29/46	-	Ultramarine Venetian Red, American Venetian Red, English Vitriol, blue Yellow Ochre.	1140
Rope, tarred	2 0	21/4 21/2	Venetian Red, English	1964
Bagging, No. 2	2780	914	Vitriol, blue	9160 -
Bagging, No. 1 Bagging, No. 2 Sagging, No. 2 Bagging	4160	496	Yellow Ochre	- 0 1
Bagging	8140	284		
wine Stock	140	136	BOSTON MARK	Tom
kings	146	775	BOSTON MARKE	LEGI.
Shavings and Old Pape	-100		Trade is very quiet, demand become	mer Heiht Dute
Shavings and Old Pape	DE.		and with our annul about a wall and	
ollar Cuttings, all paper	4 0	496	are without much change, perhaps r	namer easier I
nvelope Cuttings, musun ined .	414	4	most descriptions of paper stock but	very arm, at
hite Shavings, No. 1	4140	434	somewhat higher for Chemicals.	
ollar Cuttings, all paper ollar Cuttings, muslin lined. nvelope Cuttings. hite Shavings, No. 1 itie Shavings, No. 1 thavings, No. 2 thavings, No. 2 havings, part white and Writing.	8140	814		
havings, No. 2	2940			494.00 4
and Writing	3140	934 396 314	Cotton Canvas. Cotton	1760
ock	3140	814	Gunny Bagging	2146
ock, ordinary	1940	2	Gunny Bagging. No. 2	1%6
ock, ordinaryock, No. 1, light	1940	-	Shivey Bagging	1740
	1 0	114	Waste Woolens	7300
fanillas and Hardwares	1 0	134		2340 5
ns	50 @	60	White Collar Cuttings	33400

Commons...
Binder's Board Cuttings.....
Straw Board Cuttings.... English Rags, &c. Outshots, cotton
Seconds
Seconds
Seconds
Seconds
Seconds
Thirds
New Print Tabs
Checks and Blues
Light Prints
Light Fustians
Dark Fustians
Black Calicoes
First Canvas Linen
Second Canvas Linen
Slack Bagging 33/4 First Canvas Linen
Second Canvas Linen
Black Bagging
Gunny Bagging, No. 1
Gunny Bagging, No. 2
Mixed Bagging, No. 2
Mixed Bagging, No. I
Rope, Manilia.
Rope, Manilia, tarred.
Jute Ropes. 23/4

English Old Papers and Shavings. Hard Shavings, No. 1
Soft Shavings, No. 1
White and Colored Shavings, No. 1
White and Colored Shavings, No. 2.
Cream Shavings.
Ledgers, Briefs and Letters
Ledgers, Briefs and Letters
Newspapers and Famphiets, extra
Old Newspapers and Fatters
New Books, Solid Folios
Old Blank Books.
Brown Fapers.
White and Buff Railway Sheets
Railway Tickets Hard Shavings, No. 1 ..... 43/6 83/4 214 2 316 316 214 Hamburg Rags, &c. LINENS.

inen Cuttings.

P F F F, square bale.

P F F F, long bale.

P F F, square bale.

P F, square bale.

F F, square bale.

F X, square bale.

F X, square bale.

F X, square bale.

F B, long bale.

Inny Bagging, No. 1

urlap Bagging, No. 1 5% 45% 3% 214 @ 214 @ 514 414 414 314 314 276 SPFFF, square bale...
SPFFF, square bale...
SPFFF, square bale...
SPFFF, square bale...
SPFF, square bale...
SPFR, square bale...
SPFR, square bale...

2140 214 3340 = Old Papers. 8140 8 0 1140 2140 \*\*\*\*\*\*\*\*\*\*\*\* Leghorn and Genoa Rags.

194 White Envelope Cuttings Hard White Shavings, No. 1. Soft White Shavings, No. 1. White Shavings 

Leghorn Rags. Alexandria Rags. Smyrna Rags. Constantinople Rags. New Papers.

Fine Book.

News, Rags and Wood.

News, Straw.

News, No. 1, all rag.

Manilla, Cream, No. 1 Rope.

Manilla, No. 2 Rope.

Manilla No. 1 Bagging.

Manilla, No. 2 Bagging. Manilla, No. 2 Bagging.
Bogus Manilla
Straw Wrapping.
Hardware, No. 2
Hardware, No. 2
Hardware, glazed
Straw Boards, air-dried, \$\frac{1}{2}\$ ton.
Straw Boards, siteam-dried, \$\frac{1}{2}\$ ton.
Leather Board, Common, \$\frac{1}{2}\$ bards, Boards, air-dried, \$\frac{1}{2}\$ ton.
Leather Board, counter.
Leather Board, counter.
Leather Board, extra.

Leather Board, extra.

Chemicals.

Aluminous Cake, currency.
Alum, English lump, 9 b
Alum, English ground
Alum, American ground.
Alum, American ground.
Alum, American lump
Anti-Chlorine
Bi-Chromate Potash, Scotch
Bi-Chromate Potash, American
Bleaching Powders.
Blackley Blue
Caustic Soda, 60 g cent.
Caustic Soda, 70 and 76 g cent.,
a0 g cent.
Caustic Soda, 70 and 76 g cent.
Caustic Soda, 70 and 76 g cent.
Caustic Soda, 80 g cent.
Caustic Soda, 70 and 76 g cent.
a0 g cent.
Cay, English, g ton
Clay, English, g ton
Clay, English, actra
Clay, English, actra
Clay, English, actra
Clay, English, actra
Clay, English, g ton
Clay, English, g 156@ 134 2 @ 256 216@ 254 216@ 254 2 @ 256 314@ 354 1314@ 1334 13.50@ 1334 14.60 3.50 3.85@ 3.95

Alexandria Rags.

liston Japa-Paper new, dapted and for

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118			
Terra Alba W ton Ultramarine, W R Ultramarine, W.N. G. brand Venetian Red, W D Vitriol, Blue Yellow Ochre	15.00 25 24 1.55 546 194	0000 A	00 36 25 1.66 6
PHILADELPHIA M			
Paper Market.  Plate Plate Super-Calendered, white and tinted Fine Book, white and tinted Nc 2 Book Colored Glazed Mediums Rag New*, No. 1 Ordinary Kag News Straw and Wood News Bleached Manila, No. 1 Ordinary Manila Bogus Manila Straw Wrapping Gliazed Hardware Unglazed Hardware Flax Hardware Unglazed Hardware Tissue Manila, 24 × 36, full count. Tissue, white, 20 × 20 Tos Papers, 12 × 16 Straw Boards, air-dried, \$\frac{1}{2}\$ ton Straw Boards, air-dried, \$\frac{1}{2}\$ ton Binders' Boards, \$\frac{1}{2}\$ ton Binders' Boards, \$\frac{1}{2}\$ ton Binders' Boards, \$\frac{1}{2}\$ ton Wood Pulp Board, \$\frac{1}{2}\$ ton Wood Pulp Card Middles.  Paper Stock, White Rags.	18 143/2 11 10 84/4 12 8 63/6	000000000	1514 12 1114 10 13
Bleached Manila, No. 1. Ordinary Manila Bogus Manila Boraw Wrapping Glassed Hardware Unglassed Hardware Wrapping Tissue Manila, 34 × 36, full count. Tissue, white, 30 × 30	5 134 716 614 314 98	)	9 7 534 234 4 .00
Tes Papers, 14 : 20. Tes Papers, 13 : 18. Tes Papers, 13 : 18. Tes Papers, 12 : 16. Straw Boards, air-dried, \$\psi\$ ton. Straw Boards, ateam dried, \$\psi\$ ton. Straw Boards, steam dried, \$\psi\$ ton. Binders' Boards, \$\psi\$ ton. Binders' Boards, \$\psi\$ ton. Wood Pulp Board, \$\psi\$ ton Wood Pulp Card Middles.	40 32 29 50,00 75,00 50,00 75,00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43 35 50 00 00 00 00 714
Paper Stock.	4.	ą.	454
White Rags.  White Rags.  Mill Assorted White Rags.  White Shirt Cuttings. No. 1.  White Shirt Cuttings, No. 2.  Cotton Canvas, No. 2.  Linen Canvas, No. 3.  Linen Canvas, No. 1.  Blues and Thirds.  Colors.  Jute Butts  Black Colors.  Cump Bagging.  Manual Ragging.  Manual Ragg	374 6 514 4 214 314 294 134 294	***********	48/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/46/54/54/54/54/54/54/54/54/54/54/54/54/54/
Mantila Rope Soft Woolens Hard Woolens for Roofing Paper. Hard Woolens for Roofing Paper. Hard White Shavings, No. 1 Soft White Shavings White Shavings Mixed Shavings, No. 1 Mixed Shavings, No. 2 White O'Clar Outlings, paper White O'Clar Outlings, paper White O'Clar Outlings, cioth Boild Imperfections Book Stock	3146 3146 2146	2000	31/6 41/4 31/4 5 4/4 5 4/4 5 4/4 5 4/4
Writings and Ledgers	3 (	2	5 434 334 334 334 334
Nowspaper Stock No. 1 Prints Ordinary Prints Manilla Envelope Cuttings Manilla Papers, No. 1 Hardware and Manillas straw Board Cuttings— Slinders Poard Cuttings— Commor Capers Southern Mixed Rags Good Mixed Rags Good Mixed Rags	2)4( 1)4( 34( 2)4( 2)4( 2)4(	æ	136
P P. No. 1 Linens.  M. S. No. 2 Linens.  D. Linens.  D. B.	5 446 4146 5 3146 2766 3346	************	614 514 514 514 514 814 814 816
S P F	4940 4140 4 0	0000	434
Chemicals Aluminous Cake, L Brand, currency, Alum, Concentrated, Red Star. Alum, Imp, currency Alum, ground	4789	<u>a</u> –	254 254 254
Alum, porous Anti-Chloriue. tileaching Fowder, currency. Caustic Soda gold China Clay, English, # ton, gold. China Clay "Star." China Clay "Star."	346 346 1366 4 17.00 (3.00 (0.00	21.0 21.0 14.0 14.0	4 4 4 4 4 4 00 00 00
Alum, ground Alum, potash Calustic Soda, gold China Clay, English, W ton, gold China Clay, Starl, China Clay, W ton Bouth Carolina Clay, W ton Terra Alba, English, E W Brand, Wton Terra Alba, English, E W Brand, Wton Terra Alba, English, E W Brand, Wton Terra Alba, American, W ton Terra Alba, American, W ton Bichrome of Fotash, currency Copperas, American, prime Extract Logwood Copperas, Prime Extract Logwood Copperas, Prime Extract Logwood Copperas, Prime Extract Logwood Copperas, Prime Extract Logwood Copperation	12.00 (82.50 (82	13.0	00 00 24 15 154
Orange Mineral, gold Rosin, no. 2 Rosin, No. 2 Rosin, No. 1 Rosin, No. 1 Rosin, Pale Bal Soda, cur'y, Rodia Ash Canadia Gurda Gurda	91.60 1.80 2 2.30 2.75 1866	2.7	00 3714 75 23 116 1.88
Soda Ash, caustic, for 45 w cent., gold Soda Ash, carb. gold	1,750 1340 1360	1444	154

## CINCINNATI MARKET

CINCILIANT	I DEFECTIVE I.
Paper	Stock.
Paper Centa. City, No. I Whites. 4 Mill Assorted Whites. 4 White Cotton Canvas, No. I Canvas. 5 Linen Canvas. 5 Linen Canvas. 5 White Shirt Cuttings. 6 Country Whites, No. 1, 4 Country Whites, No. 3, 3 Country Whites, No. 3, 3 Country Blue Rags. 36 Country Mixed Cotton Rags. City Mixed Cotton Rags. City Mixed Cotton Rags. City Mixed Cotton Rags. Mixed Rags.	Steck.  Soft Woolens, mixed City Common Wool Rags. 1 White Shavings, No.1. 4 White Shavings, No.2. 5 Colored Shavings. 2 Colored Shavings and Shavin
Hard Woolens, old 4 Hard Woolens, new1514 Baft Woolens (Mill) 914	Cuttings 1 Mill Bagging, No. 1 . 2 City Gunnies, No. 2 . 2

## CHICAGO MARKET.

Rags and	d Paper Stock.	
Whites, N · 1 · 4 @ No. 2 · No. 2 · Sequence of the sequence of th	44. Print Papers 1 1 Manilla Papers 2 24 Common Paper 3 24 White Shavings 4 34 No. 2 35 Straw Board 2 36 Straw Board 2	- 63 - 63 - 63

# FOREIGN MARKETS

London Market Report.

LONDON, March 25, 1879. There has not been any prominent change in the position of the market during this week, large contracts being again closed for forward shipment and

RAGS.-Fine White Linens find ready buyers at previous figures, and any available parcel of strong middle classed qualities is eagerly bought up, while good prices are paid for forward delivery. Cottons, especially lower grades, sell also pretty freely.

GUNNY BAGGING, ROPE, &c .- Both home con-

sumers and exporters have been in the market, and

fair transactions are reported at last paid prices. WASTE PAPERS.—The failure announced this week has scarcely affected the market, business being rather slack on account of the unwillingness on the part of buyers to pay higher rates.

. 15.00 @ 25.00 . 25 @ 36 . 24 @ 25 . 1.552, 1.65 . 5463 6 . 1146 114

134 334

134

1116 10 13

516

#### The French Market.

PARIS, March 28, 1879.

PAPER AND PAPER STOCK.— Although some country orders have come in this week, the rag trade has been rather dull. There seems to be some demand abroad for rags, as several inquiries have come to hand from foreign houses. There is an impression among the trade that the export dues will soon be abolished by the Government, the more so as the substitution of wood and other pulps is every day be-coming more evident.

WOOLEN RAGS.-There is still something doing in Woolen Rags, but only for current requirement The manufacturers are not satisfied with orders.

#### Advertisements.



ROTARY BOILERS and TANKS. DIXON'S IMPROVED MADHINERY For Manufacturing Wood Pulp. WOOD CHIPPERS. SHAFTING and GEARING.

ROBT. WETHERILL & CO.,

W ANTED. - A FIRST CLASS MACHINE tender for a Book and News Mill running at fast speed. Address L., office Paper Trade Journal.

WANTED.-BY A GENTLEMAN OF EXPERI ence in the paper and paper stock trades, desirous of making a change, a position as sales man with some good house where strict attention

to business would be appreciated. Would accept a buying and selling agency for a first-class mill. Undoubted references as to integrity, &c. Address W., care of Paper Trade Journal.

TO PAPER MANUFACTURERS.—I AM MAK Ing Chilled and Iron Rolls, plain or covered with gun metal or rubber; Paper Rolls; Dandles and Cyl-inders; Paper Cutters and Knives; Rolls, Knives, Dandles and Cylinders reground, turned or sharpened: Shafting, Pulleys and Gearing; Boilers; Engines; Pumps; Hydraulic Presses; Bed Plates and Roll Bars; Power, Hand and Hydraulic Elevators. GEO. C. HOWARD, Eighteenth St., N. of Chestnut St., Philadelphia

FOR SALE.-PAPER MACHINERY. Two ets Press Rolls, one Stack Calenders, Reels and Continuous Feed Cutter, for a 42-inch Paper Machine. One Making Cylinder. 30×64; one Heald & Sisco No. 5 Horizontal Pump, nearly new. Also four Engine Rolls, 27x30 inches, with stands and

Will be sold cheap for cash or approved paper.

Apply to ADAMS & CO., Chagrin Falls, Ohio.

## FOR SALE.

Twenty-three miles from New York, on the line of the Erie Railroad, a good Manilla Mill. Capacity, 1,000 % Tissue Manilla in twenty-four hours. Particulars given by letter or on the premises.

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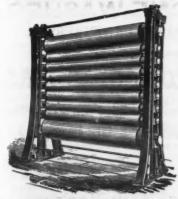
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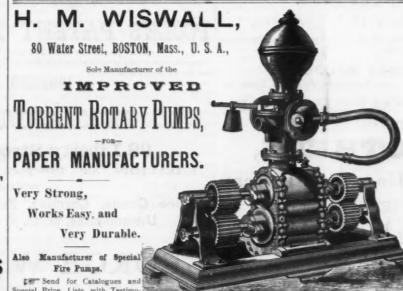
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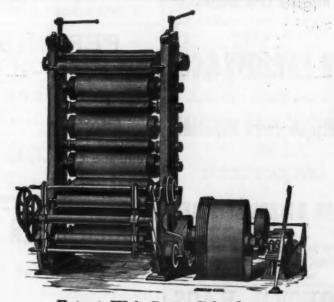
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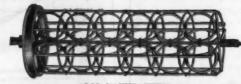
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