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NEW YORK, MARCH 16, 1878.

WHOLE NUMBER 202.

Correspondence.

British Notes.

[FROM OUR REGULAR CORPESPONDENT.]

18 Paternoster Row, London, E. C., March 2, 1878.

The political world is so agitated that it is really quite impossible to form any idea of business just now. I find among my numerous business acquaintances but one prevailing senti-ment, and that is, are we to have war? Under these circumstances I feel it my duty to be at once plain spoken, and tell you that I am not able to give you any news of any consequence. A policy of retrenchment is being vigorously prosecuted by nearly all the trade houses. Expenses are being cut down in every direction, and any dis-play of enterprise is looked upon as extremely ha ardous. I have seen in several of our news-papers that there has never been such a disposition on behalf of the public for political discussion since the great civil war in the United . Rightly or wrongly, there can be no doubt that this country now is very angry. I am not going to justify a war, but so far as the public disposition is concerned very little would bring matters to a crisis. In this state, then, of internal affairs, trade feels the absorbing nature of politics, and is quite neglected. I greatly regret to note several very serious failures during the week. On Monday last a firm of chemical brokers, hitherto considered of the soundest possible position, has called their creditors together than face the storm. I am especially sorry both from a personal respect for the firm and because they have often communicated for your readers the real true position of the markets in the North of England. Times are truly very bad, and I shall not be in the least surprised to find other misfortunes in speedy

Trade is very quiet, and very little improvement can be said to have taken place during February. Some of the better class of printings have fetched higher prices. All other grades, however, are as usual. There is a very good business doing in fine writings and drawings of well-known brands. The public seem to stick to their old favorite trade marks, and by this confer a partial monopoly unto the for

tunate manufacturers.

I see that Lloyd's mill, at Bow, is to be sold by public auction on the 23d of this month. It is a fine property, and has, I imagine, been of good service to its spirited tenants. Mr. Lloyd has already established full swing at Sittingbourne—a little town about a dozen miles from Chatham. This neighborhood is a much better one for collecting fibre than Bow. I have not been over the mill, but I believe it is a very fine factory. As both The Clerkenwell News, now The Daily Chronicle, and Lloyd's Weekly News, are the property of the firm, therefore Lloyd will have to turn out a big lot of paper per week to meet requirements.

I heard last week of the arrival of a large con signment of chemically prepared wood-pulp from Canada or the northern parts of the States. I expect this is the first lot of American or Transatlantic chemical pulp we have had. The worst thing against it is its price, which is really beyond the price of paper of any ordinary class. Whether the pulp can be used for the fine writings of 7d. and 9d. per lb. quality I am not pre-

I may perhaps make a remark as to the great desirability of strict cleanliness being observed in the exportation of pulp or paper stock. Very often it so happens that dirt alone prevents the sale of a decent fibre to good paper manufacturers, and the pulp eventually has to go to consumers who don't mind a little dirt. The mar kets for pulp are distinct. However good the fibre it cannot be sold or used by a maker of fine papers unless it be clean and free from grit, bits of wool and specks of carbon, &c. Provided it is clean and free from any substances calculated to spot or hole the paper, chemical pulps can be utilized by many firms who are disposed to use them in place of rags. I have men several parcels of wood pulps very dirty indeed, and full of grits, specks, dust, &c., which

find their way into and upon the paper.

There is to be an exhibition of paper and sta tionery at Berlin in July and August. I presume paper products, raw fibres, pulps, &c., and in fact everything connected with the trade will be shown. I shall be glad to have the names of any firms who intend exhibiting, and to furnish them with forms and all information.

Home Markets.-All our markets are in ar inert condition, and we may be described as waiting for the verdict." The Eastern question absorbs all conversation and attention just now, and a settlement of that perplexing problem is most devoutly and anxiously expected. Prices with the greatest ease.

are quietly firm; no alteration in any commodity having taken place. I give them as follows:

Coals.—Springwell, Hartley, 15s. 3d.; Walls end, Lambton, 17s.; Tunstall, 15s. 9d.; Hartle pool, 16s. 6d. Ships at market, 48; sold, 6; con tracts, gas, &c., 26-total 32; unsold, 16; at

Fibres, &c.—There is nothing doing either in rags, esparto, &c. Buyers are holding back, and have been for some time, but of late a few orders have been coming in to keep consumers going. American orders have been rather scarce, though a large quantity of material has been shipped in the early part of the month. Prices not altered.

Chemicals.-Market is still flat, and very little business doing. Prices in London are, according to latest quotations on 'Change yesterday even ing: Bleaching powder, ex ship, Thames, £5 10s. caustic white, 70 per cent., £13; ditto, 60 per cent., £11 5s.; ditto cream, 60 per cent., £10 10s. Soda ash, 1%d., and crystals, £3 7s. 6d.—all less usual discount 2½ per cent. In Liverpool, bleaching powder was £5 2s. 6d. in hard wood casks, and £4 17s. 6d in soft wood. White Caustic soda, 70 per cent., £12 10s.; ditto 60 per cent., £10 10s.; ditto cream, 60 per cent., £10. Ash, (1½d. net)—all f. o. b. Mersey, less usual discount of 2½ per cent. Yellow prussiate potash is quoted at 101/d. per pound. Sugar of lead, white, 37s. 6d., and grey, 26s. 6d. Bichrome W. F. C.

Philadelphia Notes.

[FROM OUR REGULAR CORRESPONDENT.]

PHILADELPHIA, March 14, 1878. Trade generally continues moderately active

in all leading staples, and the prospects for improvement, if not bright, are at least encouraging. The paper trade is good, prices low and profits small, however.

The Keystone Paper Mill, at Reading, recently purchased by McFarland Brothers, co on book papers yesterday, and will be prepared to make all grades. The capacity of the mill is over two tons every twenty-four hours.

Charles Magarge & Co. report the Hanwell Mill running full time on fine book paper, averaging 4,000 pounds daily, and the Wissahickon Mills, 6,500 pounds.

The Inquirer Paper Mills have introduced new machinery and increased their facilities for making fine book papers, white and tinted, and are turning out upwards of five tons daily

Megargee Brothers report trade quiet, but mor for goods.

The following parties connected with the paper trade have been in town during the past week: A. H. Christian, of Richmond (Va.) Paper Company; Chas. Vose, representing Z. T. Hollingsworth, of Boston, Mass.; Chas. H. Mullin, of

Mount Holly Springs, Pa.; C. O. Chapin, of Springfield, Mass.; J. A. Crane, of Westfield,

Chemicals.—There is but little change to note in our market during the past week, but there continues the effort to shorten credits and hold goods for profits, although they are necessarily light. The prospects in England indicate a better narket, with a tendency to advanced quotations but the influence has not as yet extended to our market. Bleaching powder has been in demand and the stock is much reduced, but large arrivals are expected by next steamers; this has been jobbing at 11/2c. and upwards, but one parcel of 25 tons was placed with a cash buyer, at a shade otation. dull and but little inquired for, except for small lots, ranging from 1.80 to 1%c. for 48 per cent. No large lots have been sold, and to place any would have to make low prices. Carbonated soda ash weak, at 1%c. to 1%c. for small lots. shows weakness, although Caustic soda still nominally held at 4c. to 41/c., according to Sal soda continues firm, with light stocks at 1.40 to 11/c. English china clay, owing to continued non-arrivals, is becoming scarce, and holders are advancing price, with some uneasiness regarding the action of Congress on the Alums moving fairly, at previous quota-Yellow prussiate quiet, and rosins slow tions. CHALLEN.

scription is given of a paper carpet nov made in England, and designed to imitate parquet flooring, the paper being printed in patterns to imitate different woods from photographs. so that, as it is stated, the resemblance is absolutely perfect. The floor is first prepared by being made perfectly level, and the crevices filled up with plaster of Paris; over the surface as thus prepared bession is stretched, and on this, first, lining paper and then the patterned paper is pasted, the whole being finished with a coating of a peculiar kind of varnish, describe as wonderfully hard and wear-resisting. This kind of carpeting can be kept perfectly clean

Trade Topics.

New Paper-Making Machine.

James Bertram & Son, engineers, Leith Walk, Edinburgh, have lately manufactured a paper making machine, which, in size, occupies third place of all like machines in the world. It has three stuff chests 11 ft. diameter and 6 ft. deep; stuff pump, 8 in.; water pump, 8 in., double acting; the vacuum boxes wrought by syphons not pumps. The revolving strainers, three in number, are 7 ft. long by 20 in. square, to which is attached a Wood's patent suction pump, which is now more preferred by some paper-makers than the indiarubber bellows. The rollers and wire frame are 10 ft. wide, and are fitted to take on a wire 40 ft. long. This is a very unusual width, ordinary machines being only 7 ft. to 7 ft. 6 in. in width, and on this account the machine takes the place already men tioned. The rollers are of large proportions, the couch rollers being 20 and 15 in. in diameter, the press rollers 20 and 14 in. in diameter, and the smooth rollers 14 and 12 in, in diameter The under couch and press rollers are covered with brass jackets. There are 16 drying cylinders, which are 9 ft, 10 in. wide by 4 ft. in diameter. There are felt rolls for working eight cylinders with felts. The framing is of a strong arched pattern, and of excellent design. The calenders are made of American chilled rolls, which are greatly used in the manufacture of machines, and are celebrated for giving a splendid surface. These rolls are of the following diameters: One 16 in., one 12 in., and four 8 in. They are, it may be remarked, finished to a per-fect surface and joint by the American grinding machine on the premises of the Messrs. Bertram. This grinding machine is somewhat of a novelty here, only a few firms possessing it, and seem to possess great advantages over the old grinding chines. The reel gear is of modern design and very convenient, the principal feature in it being that one reel, when filled, can be readily exchanged for an empty one without trouble. The gearing of the machine is in proportion to the weight and general size of the machine. It is driven by a steam-engine having a 16-in. cylinder and a 28-in. stroke. The machine, which is 140 tons in weight, has been made to the order of Messrs. Carlisle, Son & Co., Primrose Paper Mills, Clitheroe, Lancashire. It is intended chiefly for the manufacture of news paper .- Edinburgh Daily Review.

Improvement in Processes of Obtaining Fibre from Wood for Paper Pulp.

A patent has been granted to William R. Patrick, of Marinette, Wis., for an improve in paper pulps. This invention relates to the manufacture of wood pulp for paper, and it consists in boiling the pulp after it has been ground, either with or without alkali, for the purpose of removing all resinous or foreign matter from the pulp. In this process for reducing wood to pulp the wood is first cut in lengths suitable for the grinders, and these pieces are placed sidewise to the stones or grinders, to have the fibres torn off lengthwise of the wood. The wood being thus, by grinding, reduced, is called "balf stuff." It is then passed direct from the grinders to a wet machine, thence into the well-known rotary boiler used in paper milis. Here is added one pound of soda ash to every one hundred pounds of wood pulp. After charging the boiler, half of which is water, the man holes are closed, and contents are boiled, not steamed, for twelve hours or more. Some stock needs no alkali, and is therefore boiled only in clear water. This boiling of the pulp is for the purpose of removing all resinforeign matter it may contain, also soft ening and removing the incrustating substance of the wood. By thus boiling the wood pulp more of it can be used in connection with other stock and it gives a much better finish to the paper. The entire process of preparing the wood for paper pulp is as follows: The wood being cut and ground, the pulp passes from the grinding machine and is conveyed to a wet machine, similar to those used in a paper mill. This presses the water out of it. From this it is conveyed to the boiling apparatus, where it is boiled for the purposes mentioned. After boiling it is conducted to drainers, to relieve it of the water or liquor it accumulates while boiling. From here it is conveyed to the washing engine, and after being thoroughly washed and reheated it is conveyed to a stuff chest below. From this chest it is pumped to another wet machine, and immediately run into the form of board, ready to be sold as paper stock. The claimed advantages of this process are: The half stuff is taken from the iers and treated the same as all paper-mak ers treat jute. It requires no extra outlay for boilers, and the common open tub, without pres sure, can be used. The inventor claims the pro-

ress of preparing wood for paper pulp, which consists in removing the fibres lengthwise of the wood, conveying it to a wet machine, and boiling the half stuff, either with or without alkali, for the purpose of removing all resinous or foreign matter from the pulp.

New Patents.

No. 200,309. Doctors for Paper-Machines.-George F. Jones, Morgan, assignor of one-half his right to John A. Dushane, Baltimore, Md. 1. The combination of a press-frame, press rol-

lers, knife, roller and frame, provided with a series of rollers for preventing the sheet of paper from coming in contact with the press-rollers 2. A roller made vertically adjustable for

tightening the sheet. No. 200,367. Wire Guides for Paper-Machines.-J.

Atwood White, Philadelphia, Pa., assignor to A.

Furman Blair, same place.

1. The combination of a revolving shaft, loose keyed sleeve, having lugs, toothed wheel, screw shaft and frame.

2. The combination of loose-keyed sleeve, having lugs located upon and revolving with shaft, toothed wheel and screw-shaft.

No. 200,417. Vests of Paper and other Material.-Franz C. Weber, Brooklyn, and Frederick Kruse, New York, N. Y.

A folded part of a compound vest-front, said part being made with scallops under the button-holes, so that the button-holes are strengthened by a strip, near the edge of the vest, but are at the same time left flexible.

No. 200,517. Belting.—William H. Curtiss, Buffalo. N. Y., assignor of two-thirds his right to Richmond H. Bickford and Fred. B. Curtiss, same

1. A belt having its tapering overlapping ends ounded at their corners, so that when c together the cemented surfaces are less liable to

come separated. 2. A belt having the edges of its tapering over lapping portions constructed with round corners, and having the surfaces to which the round edges are secured provided with correspondingly formed recesses or depression

No. 200,540. Machines for preparing Wood for making Paper-Pulρ.—Wallace W. D. Jeffers, Glen's

Falls, N. Y. 1. A process for preparing wood for paper pulp by cutting the fibres crosswise while in the block, and thus terminating the same, and then scraping or cutting them at an angle to the

2. A process for preparing wood for paper pulp by creasing or indenting the wood length wise of the fibres, then cutting or creasing across the fibres, and then scraping or cutting at an angle to the cross-cuts.

3. In a machine for preparing wood for paper pulp, the combination of a series of cutters and a single cutter.

4. In a machine for preparing wood for paper pulp, the combination of one or more cylinders having longitudinal teeth, a series of cutters and a single cutter.

Wire Guides for Paper Machines.

J. Atwood White, of Philadelphia, Pa., has invented and patented an improved wire guide for paper machines, the object of the inve being to obviate the difficulty experienced from the tendency of the wire cloth in a paper machine, particularly in a Fourdrinier machine, to depart laterally from its proper position in the operation of expressing the water from the sheet of pulp, and in drying the paper

He employs a standard supporting a journalbearing, which is pivoted upon it. Through this journal-bearing passes a shaft, the other end of which is supported in a journal-bearing, upon an arm or bracket projecting upward from a sliding plate, which is grooved into and slides backward and forward upon the bed-plate.

An adjustable screw-shaft has one end set in a corresponding screw-threaded stationary standard upon a fixed bed plate. The other end of this screw-threaded shaft turns freely in a plain journal-bearing, mounted rigidly upon a The screw is left handed. There are two shoulders or collars on the adjustable screw shaft, one on each side of the plain journal-bearing on the The space on the shaft between these collars is plain, having no thread, whereby by turning this shaft, this journal-bearing is pushed backward and forward by the action of the screw in the screw journal bearing.

A toothed wheel is rigidly attached to that end of the screw-shaft which adjoins the pivoted shaft. A loose sleeve upon this pivoted shaft is keyed so as to be revolved with it, while its eness allows it to move, in the direction of its length, backward and forward upon the Upon and projecting from the outer surface of the sleeve are two pins or lugs, their edges beveled inwardly from both sides, and these two lugs are separated by a space slightly ings of the original application or its amer

greater than the outermost diameter of the toothed wheel.

There are two bars, one pivoted to a stationary arm projecting from the standard, the other pivoted to an upwardly-projecting arm from the movable slide, and jointed near its middle to a keyed sleeve upon the revolving shaft by a downwardly-projecting pin which sets in an annular groove around the sleeve, so that the sleeve may turn freely with the shaft, and yet be made to move backward and forward by the lateral motion of the second bar.

A cross-bar is set down over long upwardlyprojecting guide-pins upon the ends of the bars. The machine rests upon a base-plate. There is

also a guide-roll.

Th operation is as follows: The shaft is revolved by the guide roll, of which it forms a part. This turns the sleeve and the lugs which revolve with the sleeve and just clear the teeth of the wheel. The wire cloth of the machine (a Fourdrinier paper machine, for instance), passes over the cross bar between the pins. When this cloth gets out of the middle, or laterally slightly out of its true course, endangering the safety of the wire and paper as it passes into the rolls, it presses against one of the pins, so as to throw the frame out of position, and the pivoted bar by its pin throws the sleeve outward, and makes the lug engage, as it revolves, with the teeth of the toothed wheel, turning it inward, thus shortening the screw-shaft, drawing the slide toward the screw journal, and with it the moving end of the shaft, pivoted upon the standard, returning the frame to a position such as leaves the lugs just clearing the periphery of the toothed wheel. If, on the contrary, the frame is thrown the other way, the lug on the sleeve engages with the wheel, and turning the screw shaft the other way, lengthens the shaft and brings the frame to its true position again.

The pins are not used as guides, in practice, as, in their stead, there are long guide-plates attached to the cross bar, which pass along each side of the wire-gauze cloth. This gauze-cloth, in practice, does not rest upon the cross bar, as the rollers upon which it runs lift it clear. The lugs revolve with the shaft, so as to strike the wheel in descending.

The inventor claims: 1. The combination of a revolving shaft, loose-keyed sleeve, having lugs, toothed wheel, screw shaft, and frame.

2. The combination of loose-keyed sleeve, having lugs located upon and revolving with the shaft, toothed wheel, and screw-shafts

Revising the Patent Law.

The bill to revise the patent laws of the United States has been reported from the Senate Committee on Patents. This committee, to give all interested a clear understanding of the provisions of the proposed law, has made a synopsis of its features. These are as follows:

SECTION I-Limitations.—The period fixed is four rears, to apply to all suits at law or in equity hereafter commenced, with a provise allowing two years in which to bring suits on existing causes of action before the bar applies to them. If many suits are brought to preserve a right, the courts may stay pro-ceedings in all except one.

SEC. 2-Profits and Damages.-This preserves the existing rule of damages. It changes the account-ing in equity from the present rule of "savings" alone by providing that the amounts allowed as "profits" shall not exceed the profits actually realized in that part of the defendant's business connected with the use of the invention. The rule for ment of the actual profit amon nts employed, excluding capi sonal services, remains unchanged. The court is allowed a discretion in all cases, both to increase and diminish the amount found, whereas it is now allowed only to increase, and that merely in an action at law. The court is also empowered to allow counsel fees and expenses in case of vexatious claims or willful infringement.

SEC. 3-Appeals.-This is new, and gives to the Fircuit Court the power to allow an appeal to determine the capital questions of validity or infriagement before putting the parties to the delay and ex-pense of an accounting which will become useless if the decision below is reversed.

SEC. 4-Appeals. - This also is new and enables the Circuit Court, subject to the directin of the Supreme Court, to exercise a control over he parties by in-junction rending an appeal. In the present state of the Supreme Court docket a cause is not reached until three or four years after the appeal is taken.

SEC, 5 -- Reissues. - This replaces Revised Statute 4,916, and changes it in these respects: First, it does not allow any evidence of what the invention is ex-cept such as the papers filed in the office before the original patent issued afford, whereas the present law in certain cases allows evidence aliunde by ex to be resorted to at all for purposes of reissue. This change has been introduced by the committee. Third, it directly makes it the duty of the court to inquire in suits on a reissued patent whether it is for anything except the same invention shown, contained or substantially indicated in the specification or draw

and which the inventor would then have been enti

tled to patent.

SEC. 6 (new)—Provides that reissues shall not have a retroactive effect.

SEC. 7-Provides that if the patent be issued to two on the invention of one, or to one on the invention of two, this mistake may be corrected, as a clerical

error, by the consent of all inventors and owners. SEC. 8—Taking Testimony in Perpetuam.—The ex-isting law adopting the English chancery practice was intended for questions of titles relating to real estate, and does not meet the exigencies of patent litigation. The scheme of this section is that any-body may take testimony upon leave of court first obtained, and notice to the opposing party in interest that any person, whether a party to that proceeding or not, may use the evidence, but only as ag inst those who were parties to the original proceeding. and actually served with notice or those claiming un der them; that when a petitioner in such a proceed ing perpetuates testimony upon any particular topic the opponent may, by leave of the court, introduce evidence in rebuttal or avoidance, and if any stranger avails himself of one part of this record he thereby makes the whole as competent against him as if he had been a party to the proceeding. This section is entirely new and has been considerably amended by

Sec. 9 (new)-Allows suits to be brought by special court to repeal and annul patents which Existing laws afford no adequate remedy

SEC. 10 (new)—Supplies a remedy for cases where a person injures the business of another by advertis-ing that it infringes a patent, and yet refuses to bring a suit in which the validity of the patent or the ques-

tion of infringement can be tried.
SEC. 11—Periodical Fees.—This is new, and has be-

already explained.

Smc. 12—The change introduced by this requires exclusive licenses to be recorded in the same manner as technical grants, because practically the two are equivalent. It shortens the time allowed for recording assignments from three months to one cents in the mail service since 1836 justify It allows all agreements about patents to be rded, and makes certified copies from the records

to be legal evidence.

SEC. 13.—The law now is that each joint owner of a patent may grant licenses without the consent of the other. The object of this amendment is to give full effect to an agreement between them as to which shall exercise the power, if the agreement be in

writing, signed by all the parties and recorded.

SEC. 14 (new)—This punishes, by not exceeding one
year's imprisonment or \$1,000 dne, whosever "with
intend to defraud" sells, as unincumbered, a patent which he actually knows he has no power to sell and

SEC. 18—This provise is new, and provides that the delay of the office after the patentee has completed all that he has to do, shall not prejudice his rights. Suc. 19.—The law about granting patents in this

country to those who have patented their inventions abroad, has been changed several times, particularly by the act of March 2, 1861, in a manner which has caused considerable confusion. This section establishes what is believed to be a just and reasonable rule. It retains the provision that a foreign patent does not prevent a patent here to the same inventor, but that he cannot come here to get a patent for an invention that has been in use here for two years. It adds a new requirement that if he makes it known by patenting abroad, he must apply here within two years or it can be used by the public. The old law provided that if the inventor patented abroad his United States Patent must expire as soon as the foreign patent, but if he leaves it unrectantly in the foreign patent, but if he leaves it unpatented so that foreigners can use the invention freely, he is allowed the whole seventeen years here. This discrimination against our patentees is abolished

SEC. 21—Applications.—No change as to original applications. Applications for reissues may be signed and sworn to by the owner of the patent or his legal representatives. At one time the surrender of a patent and the application for a reissue were re-quired to be sworn to by the owner; and at another time by the inventor. This amendment leaves it to be sworn to by the owner. The oath is of no impor-tance, because the action of the Commissioner is to he hased solely on the sworn statements filed by the inventor on his original application. To require his oath to the new application is to enable him to extort money from the person who has already bought and paid him for the invention.

SEC. 23—The law has always required the patentee to mark on the article the date of the patent. About 300 patents a week are now issued, all bearing the the number of his patent in order that it may be iden-

Several sections, particularly section 1 (limitations) and section 2 (damages and profits) apply not merely to existing patents, but to some extent to existing rights of action. After hearing elaborate arguments upon both sides of the question, your committee are satisfied that a patent right is "property" within the protection of the Constitution and cannot be taken away or impaired by any legislative action. That right is under the terms of the law, and under the Constitution probably must be exclusive. This was declared by Chief Justice Marshall and by the Senate. But while Congress is bound to provide a rem-edy efficient and adequate to cause that right to be ected, and protected from invasion, it clearly has the right to select the precise remedy for that purpose. Though the patentee has a right to some sufficient remedy, because without it his right would be merely nominal and illusory, and therefore virtually be taken from him under the doctrines laid down in Bronson against Kinzie (1 How., 311), without due process of law, yet he has no right to any particular remedy. His right is to such efficient remedy as existe at the time of trial, and not necessarily to such as existed at the time the cause of action arose. Your amittee cannot doubt, therefore, that Congress can make some changes in the remedy for existing causes of action, and that the changes made by this bill leave them fully adequate and efficient to secure to the inventor the exclusive right which the Consti-tution contemplates that Congress shall secure to

The regular monthly meeting of the Board of Managers of the Board of Trade was held Wed-The financial report showed the monetary affairs to be in a most thriving condition. The committee appointed to secure new rooms for the use of the Board reported favorably upon a suite of rooms in the Broadway Bank building. The committee was directed to take the lease of the apartments, which are on the fourth floor, and include a number of airy, well-ventilated and commodious rooms. Arrangements will undoubtedly be perfected in a day or two, and the removal will take place on May 1.

Some men go about "double leaded." This is only their own personal estimate.

Manufacturing News.

The new mill of the Keith Paper Company at Turner's Falls, Mass., is entirely completed, and the machinery is being put in; so that the mill will be started up about April 1.

The paper mill at Westville, Conn., formerly run by A. B. Mallory, has passed into the hands of John Thompson. The mill has been under going extensive repairs, and is now in first-class condition and just ready to start up.

MIDDLE STATES.

The Mount Holly Paper Company, Mount Holly Springs, Pa., has been shipping a part of hide, and are 75 per cent. cheaper. its product to Mexico, on orders.

Davenport's mill, at Hamburg, N. J., is reported to be running full time, and to be disposing of its product largely in the West.

W. W. Harding has made some improvement in the machinery of the Philadelphia Inquirer paper mill, at Philadelphia, Pa., and with enlarged facilities is reported to have increased the

The Keystone Paper Mill, at Reading, Pa. formerly owned by Geo. W. Bushong, has been bought by McFarland Brothers, and has been started up again. It is run on book papers, and will turn out over two tons every twenty-four

FOREIGN. The Sunnydale Paper Mill, at Morton, near Bingley, Yorkshire, England, is to let. It is now running on thin caps, and has two machines seven rag engines, &c.

American Exhibitors at Paris.

A list is given below of the American exhibit ers at the Paris Exhibition of 1878, to whom Commissioner General McCormack has allotted places for exhibiting goods and materials connected with the paper and stationery trades:

Aikin, Lambert & Co., New York city

gold pens, pencils, &c.; American Book-seller, New York, books; D. Appleton, & Co., New York, books; Asher & Adams, York, maps; A. S. Barnes & Co. New York, books; Boerick & Tafel, New York books; Boston Public Library, Boston, books; Brewers' Journal, New York, periodical; Geo. Bruce, Son & Co., New York, specimen book of types; Carter, Dinsmore & Co., New York city inks and mucilage; Edward H. Knight, Bellefon taine, Ohio, books; H. F. Krause, New York, maps and lithographs of maps; Chas. Lassalle & Co., New York, Courrier des Etats Unis; J. B. Lippincott & Co., Philadelphia, books; Howard Lockwood, New York, books; H. O. Houghton & Co., Cambridge, Mass., books; Ivison, Blake-man, Taylor & Co., New York, books; Henry Holt & Co., New York, books; Harper & Broa. New York, books; Merritt Gally, New York printing presses; Gebbie & Barrie, Philadelphia, books; Leroy W. Fairchild & Co., New York gold pens, pencils, &c.; Claxton, Remsen & Haffelfinger, Philadelphia, books; Cleveland Paper Box Machine Company, Cleveland, machine for making paper boxes; Crane & Bros., Westfield, Mass., ledger paper and paper baskets; Crane & Co., Dalton, Mass., paper; J. W. Daughaday & Co., Philadelphia, printing presses; Davis, Bardeen & Co., Syracuse, books; H. De Mariel, New York, newspapers; A. Dougherty, New York, playing cards; D. Lothrop & Co., Boston, Mass., books; M. Louise McLaughlin, Cincin nati, O., painted porcelain and pottery; McKel lar, Smith & Jordan, book of printing types; G. & C. Merriam, Springfield, Mass., books; Wm. F. Murphy's Sons, Philadelphia, Pa., blank books; C. B. Norton, New York, books; New York Consolidated Card Company, New York, playing cards; New York Plate Printing and Engraving Company, New York, power press New York Silicate Book Slate Company, New York, silicate book slates; Ott & Brewer, Tren ton, N. J., pottery and parian ware; Page Wood Type Company, Norwich, Conn., wooden type; Pattberg, Lewis & Co., New York city, fancy frames: L. Prang & Co., Boston, Mass., books rrames: L. Frang & Co., Boston, Mass., books and chromos; Publishers' Weekly, New York, books; T. Sabin, New York city, books; Scribner, Armstrong & Co., New York, books; T. Shriver & Co., New York, copying presses, &c.; J. L. Sibole & Co., Philadelphia, Pa., books; Slote, Woodman & Co., New York, blank books; Type Writer Company, New York, type writing machines; University Publishing Company, New York, books; Whiting Paper Company, Holyoke, Mass., paper; James M. Wilcox & Co., Philadelphia, paper; David Williams, New York, books, &c.; F. Elwood Zell, Davis & Co., Philadelphia, Pa., books; Dodd, Mead & Co., New York, books.

Referring to the suggestion made in Germany that wall paper could be coated with oxalate of copper, which appears lighter as the room grows darker, and vice versa, The Manufacturer and Builder advances the idea that a room might be made temporarily self-luminous by similar means. There are several salts which absorb light if exposed to it, and give it out afterwards.

Among these are the sulphides of barium and strontium, and certain coal-tar extracts of the anthracene series. The best way to produce the effect would be to employ a powerful electric light in the room for a short time, until the wall paper had acquired its phosphorescent power, and then cut off the electricity and admit visiters to the room. Anything more weird than such an apartment is scarcely conceivable, and the experiment would not be exceedingly costly. It might be employed with surprising effect in the initiation performances of a secret society.

James Goldsmith, No. 299 Broadway, shows a line of Japanese paper baskets, manufactured by Crane Bros., of Dalton, Mass., which are declared to be superior to those made of willow, rattan or wood. They cost less, are said to be twice as durable, lighter and therefore more easily handled, and do not deface, scratch or

soil any article they hold, for, being made of one piece, no part can become detached, as with willow or rattan, after use. There are shown handsome oblong, market, diameter-round, clothes and office baskets of all grades and sizes. The advantages of these baskets are set forth as follows: 1-That they are made of one piece and have no crevices to fill with dirt; 2-Being made of one piece, there is no point in which they can give out, and are therefore more durable; 3-The baskets are lighter than the best made from wood; 4-No wood or other substance can come from them to get into the goods with which they may be filled; 5-They are waterproof, and will not crack by heat; 6-They are recommended by those who have used them, to be equal to raw

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TESTIMONIALS.

OFFICE OF THE WATERTOWN PAPER Co., 1
WATERTOWN, March 22, 1875. [
Its action is positive, discharging all the wate
kken in, and consequently no power is wasted. I
hort, we give it our unqualified indomement,
Yours, &c., HIRAM REMINGTON, President.

WEST CUMINOTON, Mass., October 4, 1876,
It does its work well, and I recommend it as the
simplest and cheapest, as well as the best suction
pump I ever saw.

Truly yours,
F. A. BATES.

OFFICE OF THE REMINGTON PAPER Co., WATERTOWN, March 20, 1875.

We have used two 2-inch Pumps for the past ter months, as Suction or Vacuum Pumps, on our two 84-inch Foundrinier Machines with entire satisfaction For this purpose, or for raising and foreing water for general purposes, we regard the Green Pump avastly superior to anything we have ever seen, and we have made the subject of Pumps one of especial study and investigation.

A. D. REMINGTON, President.

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MONTREAL December 11, 1876. {
DEAR SHE—The Bagley & Sewall Pump we are now using for pumping strong Caustic Alkall Liquors. We find it the best pump for that purpose that we have ever used, the metal packing being particularly valuable. The No. 3 Pump of your make, which we are using as a Fire Pump, we find to be very effective and easily managed.

Yours truly.

mp, we find to Yours truly,
Yours truly,
CANADA PAPER CO.,
WM. ANGUS. President,

PATERSON, N. J., October 11, 1875.
Srss—The little Rotary Fire Pump (No. 3) is entirely satisfactory. I have it connected with a system of sprinklers on each floor, and a set of hose front and rear, 1/4 inch nozzles, from which I am able to throw TWO STREAMS AT ONCE, EACH 125 feet.

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Dear Sir.—It works smoothly and rapidly without jar, and does all its makers claim it will do. We now of no pump that is its equal for the purpose it used for.

ed for. JOHN. A. DUSHANE & CO. Manufacturers.

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WINCHESTER, Va., September 14, 1875.
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Yours truly,
CHAS, L. CRUM. Sec'y,

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IMPORTS of Paper and Paper Materials, Books, &c., at the Port of New York, for the week ended March 8, 1878. Quantity given in packages when not otherwise specified.

Aniline Colors	47	\$8,642
Alum		_
Aluminous Cake	879	8,230
Bleaching Powders	1,017	18,114
Soda Ash	1,592	40,475
Soda, Bicarb	450	700
Soda, Caustic	725	12,825
Soda, Sal	_	_
Ultramarine	80	2,551
Books	188	18,997
Newspapers	48	2,976
Engravings	15	8,105
Ink	88	8,849
Lead Pencils	-	-
Paper	95	15,379
Steel Pens	4	294
Stationery	226	3,985
Clay	-	4,181
Jute Butta	9,048	71,101
Jute Rejects		-
Paper Hangings	34	4,611
Paper Stock	3,500	49,105
Waste	9	874
Total		\$258,118

TOTAL IMPORTS.	
General Merchandise, for the week ending March 8 Paper, Paper Stock, &c., for the year end-	\$4,171,854
ing May 23, 1873	15,074,825
Paper, Paper Stock, &c., for the year end- ing May 22, 1874	12,150,855
ing May 21, 1875	13,292,891
Paper, Paper Stock, &c., for the year end- ing May 26, 1876	11,298,406
ing May 25, 1877. Paper, Paper Stock, &c., for the quarter ending Aug. 24, 1877.	9,697,694 2,582,595
Paper, Paper Stock, &c., for the quarter ending Nov. 23, 1877.	2,748,071
Paper, Paper Stock, &c., for the quarter ending Feb. 22, 1878	2,209,460
Paper, Paper Stock, &c., for the week end- ing March 1, 1878.	178,174

IMPORTS of Rags and Paper Stock at the Port of New York, since Jan. 1, 1878, from the following Ports, showing quantities from each Port.

Rage. Paper St'ck. Munillu Stck

Alexandria	721	Dittes.	Dutes.
Antwerp		14	1,164
Bremen		569	79
Bristol	I messar I	88	260
Cardiff	. 84	101	. 99
Copenhagen	. 100		_
Glasgow		758	644
Hamburg		240	-
Havre		150	-
Hioga			-
Hull		546	1,027
Leghorn	1,784	-	_
Liverpool	. 507	299	1,590
London	1,741	5,221	4,868
Newcastle	218	_	-
Rotterdam	-	-	68
San Francisco	1,106	-	
Trieste	. 78		_

EXPORTS of Paper, Books, &c., from the Port of New York to Foreign Ports, for the week ended March 12, 1878, with Aggregates and Values.

BOOKS, cases, to Hamburg, 1; to Liverpool, 26; to Iavre, 8; to United States of Colombia, 8 cs. PAPER, to Liverpool, 202 pkgs.; in West Indies, 745 rms.; to British Guiana, 2,500 do.; to Cuba, 11,000 do., 21 pkgs.; to United States of Colombia, 41 do.;

ela, 1,200 rms. STATIONERY, to Liverpool, 15 cs.; to Havre, 3 cs. to Cuba, 61 cs.; to United States of Colombia, 6 cs.

AGGREGATES AND VALUES.				
Paper, reams	15,445	\$3,233		
Paper, pkgs	265	5,425		
Paper, cases	-	-		
Books, cases	38	4,340		
Rosin, bbls	3,024	10,239		
Stationery, cases	88	4,978		
		-		

Totals...... 18,857 \$28,215

TOTAL EXPORTS.

dise, for the week ending \$6,498,220

vear ending May 37, 1873 2,889,482

vear ending May 38, 1874 1,789,877

1875 2,337,689

NEW YORK IMPORTS.

FROM MARCH 9, 1878, TO MARCH 15, 1878, INCLUSIVE. Hide Cuttings. Ira Bursley, Camella, Manilla, 100 bs.

Rags, &c.
W. I. Clark, Alsatis, London, 47 bs. paper stock. W. H. Parsons, by same, 32 bs. old papers. Recknagel & Co., by same, 11 bs. rags; 44 bs. pape stock; 21 bs. manilla.

W. H. Parsons, Bolivia, Glasgow, 73 bs. paper E. Storey Smith. Jos. Fish. Antwerp. 310 ba

E. Storey Smith, State of Indiana, Glasgow, 69 bs

Geo. Harley, Colon, San Francisco, 160 bs. rags. M. Kidon, Jr., by same, 120 bs. rags. Order, by same, 66 bs. rags. Lee & Sturges, Emerald Isle, London, 82 bs. rags.

E. Storey Smith, by same, 35 bs. paper stock; 169 Storey Smith, Rheola, Cardiff, 20 bs. ragu; 127

W. I. Clark, Canada, London, 73 bs. paper stock.

Briggs & Taylor, by same, 22 bs. paper stock; 133 bs. gunny rags; 40 bs. rags. Recknagel & Co., by same, 58 bs. rags.; 20 bs. old

apers; 18 bs. manilla. John W. Mason & Co., Egypt. Liverpool, 98 bs rags; 99 bs. manilla.

L. de Jonge & Co., Jos. Fish, Antwerp, 2 cs. F. Beck & Co., Bolivia, Glasgow, 1 cs. hangings. Thos. Strahan, by same, 4 cs. hangings. J. Bancroft, by same, 1 cs. hangings. C. Joerg, Herder, Hamburg. 1 cs. Banatt Bros., Oder, Bremen, 2 cs. Fischer & Keller, by same, 3 cs. hangings. P. Ronzone, by same, 5 cs. Kidder, Peady & Co., William Cobb, Hong Kong,

B. Illfelder, City of New York, Liverpool, # ca. J. J. McGrath, by same, 4 cs. B. Budde, Egypt, by same, 4 cs.

PHILADELPHIA IMPORTS.

Books.

J. B. Lippincott & Co., Indiana, Liverpool, 10 es.

Paper.

John C. Capper & Co., Switzerland, Antwerp, 8 cs. Peter Wright & Sons, by same, 2 cs.

Paper Stock. Lee & Sturges, Switzerland, Antwerp, 842 bs. rags, Jessup & Moore, Juniata, Savannah, 33 bs. pape R. Winterbottom, by same, 19 bs. paper stock.

Caustic Soda. Order, Indiana, Liverpool, 100 drums. Soda Ash. E. Yarnali, Indiana, Liverpool, 126 tes

Hyposulphite of Soda. E. Yarnall, Indiana, Liverpool, 11 cks. Powers & Weightman, Amelia, Hamburg, 130 bbls.

Rosin. Geo. Ogden, Juniata, Savannah, 58 bbls.

NEW ORLEANS IMPORTS

Caustic Soda. Bride, Beach & Co., Memphis, Liverpool, 100

rums.

Soda Ash.

Bride, Beach & Co., Memphis, Liverpool, 173 tcs.

BOSTON IMPORTS.

IMPORTATIONS of Paper Stock, Chemicals, &c., at Port of Boston, from March 8, 1878, to March 13, 1878, inclusive.

Schoenhof & Moeller, Marathon, Liverp ol, 1 cs. Little, Brown & Co., by same, 5 cs. Thompson & Odell, by same, 1 cs. E. A. Snow, by same, 3 cs. Lee & Shepard, by same, 1 cs. Estes & Lauriat, by same, 5 cs. Harvard College, by same, 8 cs. Lee & Shepard, Iberian, Liverpool, 1 cs. John Allyn, by same, 1 cs. Schoenhof & Moeller, by same, 1 cs. W. F. Bick, Massachusetts, Liverpool, 1 cs.

Paper.
Brown, Riley & Co., Marathon, Liverpool, 1 cs.

C. Reid, by same, 5 cs.
H. C. Cook, by same, 1 cs.
A. P. Schmith, Iberian, Liverpool, 5 cs. music. Paper Stock.

Knowles & Appleton, Iberian, Liverpool, 6 bs. pap r stock.
S. W. Wilder, Marathon, Liverpool, 84 hs. paper

Warren & Co., Victoria, Liverpool, 136 bs. paper Train, Hosford & Co., by same, 905 bs. rags

Jute Butts.
Tudor Company, T. J. Southard, Calcutta, 2,730 ba. Soda Ash. Warren & Co., Palestine, Liverpool, 275 cks

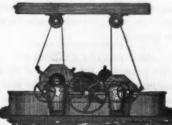
J. L. & D. S. Riker, by same, & cks.
Wing & Evans, Siberia, Liverpool, & cks.
J. B. Brigham & Co., J. Ferens, Newcastle, 44 cks. E. E. Rice & Co., Lepanto, Hull, 50 cks. E. E. Rice & Co., Iberian, Liverpool, 228 cks. Wing & Evans, by same, 179 cks. Linder & Meyer, by same, 45 cks. Warren & Co., Victoria, Liverpool, 374 cks.

Bleaching Powder. Morey & Co., Iberian, Liverpool, 177 cks. Warren & Co., Victoria, Liverpool, 4% cks. Geo. Watson, Jr., Iberian, Liverpool, 80 cks.

Ultramarine. Morey & Co., Iberian, Liverpool, 20 cs. T. Leyland, Victoria, Liverpool, 1 cs.

DISBROW BROS. & WIGGINS. Twine Paper,

58 WARREN ST., NEW YORK. Samples and Price Lists on Application



ITS ADVANTAGES:

IT will wash faster than any washer ever put before

Ir requires only one instead of two in an engine for washing rags, and washes much faster, giving better results, which are highly appreciated.

resures, which are nighly appreciated.

Ir reduces expense of wire covering one-half.

It does not get out of repair, as it has lined bearings that are easily taken out and replaced with new ones at a nominal expense.

Ir can be adjusted to the amount of water at the

It is self-lubricating.

It will wash papers as fast as two common wash ers, and with two in an engine they are invalu

It is the best arrangement for washing any kind of stock ever introduced. These Washers are made in the most substantial

ner, and warranted to do all that is claimed for The Washers, or further information, with testimonials, will be furnished by the

SOLE MANUFACTURES. J. T. EMERSON, Claremont, N. H.

JERSEY CITY PAPER CO.,

WHITE AND COLORED TISSUES. Grass Bleached Silver Tissue

Warranted not to tarnish silver.

Also Manufacturers of MANILLA and ROPE

Office and Mill, 295 WAYNE ST., JERSEY CITY, N. J.

GEORGE HARLEY,

Importer of California Rags, And Dealer in WOOLEN and COTTON RAGS, and all

kinds of PAPER STOCK 362, 365 & 367 THIRD STREET, Between Avenue D and Lewis St., NEW YORK.

RICH'D LACEY & CO

133 Pearl Street, New York. BROKERS IN

JUTE BUTTS

REJECTIONS.

TISSUE

FRED'K W. SMITH, 351 Canal St. N. Y.

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

PAPER MACHINERY

FOURDRINIER AND CYLINDER MACHINES, Washing and Beating Engines.

FOR DRYING SIZED PAPERS.

Sole Manufacturers of the

JORDAN PATENT BEATING ENGINE. Which has no rival for clearing the stock for fine papers

CHILLED IRON & PAPER ROLL

SUPER CALENDERS.

Plate Calenders

Chilled Stack Calenders, Rag Cutters, Hand and Power Cutting Presses, Stop Cutters. THE HATCH PATENT

Stop Cutter,

The only Cutter that can be regulated to cut between water marks of writing papers.

SCREENS.

BRASS AND NICKEL PLATED.

The latter warranted to wear twice as long as brass, BED PLATES, ROLL BARS, FAN AND PLUNGER PUMPS.

Also. Gun Metal Covered Rolls.

FOR SIZE AND PRESS ROLLS. STEVENSON

WATER WEEDLS

Shafting and Mill Gearing Generally. S. M. BULKLEY. J. G. DITMAN & CO., J. G. DITMAN.

Wholesale Paper and Rag Warehouse,

30, 32 and 34 South Sixth Street, Philadelphia, corner of Jayne St.

LARGEST STOCK AND GREATEST ASSORTMENT IN THE COUNTRY.

SIBLEY MACHINE

NORWICH, CONN.,

Manufacturers of Modern Improved Paper Machinery,

RAG ENGINES, DUSTERS AND THRASHERS, RAG AND ROPE CUTTERS, ROLL BARS, BED PLATES AND ROTARY BOILERS, HUNT'S TURBINE WATER WHEELS, MILL GEARING, SHAFTING, PULLEYS AND MILL JOBBING. Castings at Short Notice.

In the last twenty-five years having furnished machinery to some of the best mills in the country the subscriber feels confident of giving the best satisfaction. Orders and inquiries for machinery will receive prompt attention.

RUFUS SIBLEY, Agent. References by permission: HUDSON & CHENEY PAPER CO., North Manchester, Cota.; WILLIS-SON, BROS. & CO., Birmingham, Conn., and many others.

The paper Trade Journal.

DEVOTED EXCLUSIVELY TO THE INTERESTS OF

The American Paper Trade. Weekly, \$4.00 per annum.

Single Copies, - - 10 Cents

NEW YORK: SATURDAY, MARCH 16, 1878.

Advertisements cannot be received for insertion in the current week later than 9 A. M. on Friday. The charge for advertising is 25 cents a line, each inser-tion. Special terms for standing and displayed adments to be had on application.

Directory Column and one copy of paper, \$10 a year.
THE PAPER TRADE JOURNAL is the recognized organ
of the various Paper-Makers' Associations of the United States

THE JOURNAL contains the latest and fullest in formation relative to the paper trade in all parts of the world, including descriptions of new appliances 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, hesides communications from compet persons in the trade, both at home and abroad. market review and quotations show the state of trade in all the principal cities, and no pains have been spared to make these accurate and complete. Subscription and postage for Great Britain,

per annum.
Subscription and postage for France, per

Subscription and postage for Germany, per Foreign subscribers may address our New York

mications 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 ation to the state of the mills, &c.,

will be gladly received.

All communications must be addressed to

HOWARD LOCKWOOD, Publisher and Proprietor, No. 74 Duane street, N. Y.

Philadelphia Office: No. 105 Chestnut st.

TO CORRESPONDENTS.

As THE PAPER TRADE JOURNAL is the recogniterest, 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 items are equally acceptable.

Subscribers to THE JOURNAL can be supplied with the best cloth binder in the marke the publication office. Price, \$1.25.

THE list of intending American exhibitors at Paris is greater than was expected. We give to-day the names of those who represent the paper, stationery and publishing trades.

THE important benefits resulting from the establishment of the Stationers' Board of Trade are beyond cavil. Leading firms, paper-makers included, from all over the country are allying themselves with the organization. The paper trade ought to be fully represented in this body, either as regular or corresponding members.

WE are glad to see that the demand for cheaper postage has been taken up in other quarters. The popular disgust with postal cards is increasing, while the necessity for reduced letter postage is daily becoming more apparent. It is well to agitate this thing, and call upon Congress to give us a two-cent letter postage and abolish the postal cards.

A CORRESPONDENT has sent us a sample of wood pulp made from spruce. This sample try acid or anything else on his wet felt. is free from chemicals and is of a very long, tough fibre. The color is of a slightly creamy tint, but is quite good for this class of pulp. We observe in the sample small shives of wood, which, after being reduced to pulp and passed through a fine screen, may disappear. This is the best specimen of pulp made from spruce that we have seen, and it denotes progress in the treatment of one of our best vegetable fibres.

WE give some figures to-day on recent contracts for news print. As remark has been made about our reporting some sales which are not really the market quotations, we must say that in running a newspaper we aim to give all of the news, and that the figures reported are of actual current sales. At the same time we wish it to be understood that because a few big contracts have been closed on exceptionally low terms, it does not follow that the market for ordinary purchases is to take the same course. We believe that our regular quotations are as fair as we can make them; and when a big order has to be filled, involving no changes in the stock or the running of the mills, but insuring a good steady output,

suppose that concessions will be made in prices which ought not to include the market generally.

THE BERLIN EXHIBITION.

We have given the features of the proposed Paper Exhibition at Berlin in previous issues, and now want again to call the attention of the trade to its value. The Exhibition will open on July 16, and is likely to attract a great deal of attention. If our own manufacturers have any idea of pushing their trade in Europe, this event will afford the occasion for letting the foreign paper trade know our resources, and ought to help increase the call for our products. The publisher of this paper, at the request of the Committee of Management, has consented to act as its agent in this country, for the receipt of applications for space, and for supplying blanks and information necessary. All who want to avail themselves of this opportunity should address, at once, Howard Lockwood, P. O. Box 5,514, New York City.

Correspondence.

[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 this paper. Communications must be sent to reach this paper. this office by Wednesday night or Thursday morn ing, of each week, to insure insertion.]

A Compliment.

QUINCY, ILL., March 11, 1878.

To the Editor of The Journal:
Inclosed please find \$5.25 for subscription to PAPER TRADE JOURNAL, and for "Directory'

for 1878, which please send me as soon as out. I do not know of any line of industry that can boast of as valuable a paper, in its interests, as the paper trade has in your Journal.

Trade is lively with us, but prices are not very Yours truly, comfortable.

RICHD. F. NEWCOMB.

Acid on the Wet Felt.

To the Editor of The Journal:

Your correspondent "Greenhorn" asks if it is right to clean a wet felt with acid. I will give him my views on the subject, which may interest others as well as "Greenhorn." In running wrapping I have used muriatic acid on a wet felt when it has become filled up and it has always cleaned it out much quicker and cleaner than anything I have ever employed, and if too much acid is not used it will not injure the felt. I have never seen acid do any good on any other kind of paper. I think that too much acid makes a felt hard, but do not think it rots the felt if it is washed with water afterwards. I have seen machine tenders put acid on the wet felt with the machine running and the sheet would carry the acid to the dryer felt and in a few days the dryer felt would break out in small holes and they did not know what was the cause of it.

In answer to the next question I will say your correspondent's remarks as to machine-tenders getting a coumission from felt manufacturers to e all the felts they could are simply absurd. Common sense and his own experience should teach him differently. The machine tender is not the man the felt manufacturer would approach in this respect. I have known a foreman to get presents from a felt-maker in consideration of his using and recommending his felts, and that is the man they would give a commission to, if any.

I do not think your correspondent has any cause for complaint, as he says he has used a wet felt nearly six months. I do not think he need

Yours, &c.

Strikes-The Coming Fibre.

To the Editor of The Journal:

Your correspondent, "W. F. C." has many and heavy complaints of dull trade in Great Britain, for which he to some extent blames the workmen's strikes, and gives some figures to show the heavy losses caused thereby. I am not in favor of trades unions, never belonged to one, and never expect to, nor will I allow any one to come between my employer and me, dictating what will be my work or wages; but if not to trades unions to what does he attribute the changed condition of the workmen in Great Britain. Wages are now 50 per cent. higher than they were twenty years ago, while the working hours are ten per cent. less. Is it not because they have often shown their teeth and occasionally used them that the Government has given them more liberty, and the employers have given them more pay and less work?

I presume I am one of the old paper-makers he describes as having served an apprenticeship of eight years under indenture. Nevertheless I am now making word fibre from spruce and poplar wood. I send you a sample of that made from spruce, and think you will admit that it is very Spruce fibre properly treated is fully equal to linen rags for giving strength and hardness to paper. I do not believe that wood or any other one material is the coming fibre, but rather that much of the vegetable matter that is allowed to go to waste will yet be utilized by the paper maker.

The sawdust from the soft woods ought to be made into, or rather reduced to, fibre, and it with certain payments, it is reasonable to will be, when the process (and it is the same for

all) is better understood and more intelligently Yours, respectfully, performed.

Changes, Removals, and New Firms,

Hiram Barry, printer, Knoxville, Tenn., has gone out of business. W. H. Blake, printer, Holyoke, Mass., has sold

out to W. H. Phillips.

A. S. Ford, book dealer, Gilman, Ill., has sold out to Oscar R. Money. Ernst & Seen, of the Democrat, Sandusky, O.

have dissolved partnership. W. J. Folkes, bookbinder, Lynchburg, Va.,

has sold out to C. W. Button. M. H. Andrews, news dealer, Bangor, Me., has

sold out to J. T. Bowler & Co. George H. Botts has sold out the Stamford (Conn.) Journal to J. K. Butler.

F. A. Stevens, stationer, Trov. N. Y., is advertising to close out his business.

William S. Noyes, of the Democrat, Biddeford, Me., has sold out to F. W. Roberts.

J. W. Snedicker, druggist, Allegan, Mich., has added a stationery line to his business Wallace & Johnson, paper-box manufacturers

Mansfield, O., have gone out of business J. S. Foster, dealer in books and stationery,

Ashland, Neb., has sold out to Ira Sexton. Steenstein & Smith, printers, St. Paul, Minn. have dissolved partnership; Mitchell & Co. suc

Schumacher Brothers, dealers in stationery,

frames, &c., Portland, Me., have dissolved part nership. Woodman & Bacon, paper dealers, Boston

Mass., have dissolved partnership. P. C. Bacon, Jr., continues. Arnold & Horton, bookbinders, Providence

R. I., have dissolved partnership. Frank W Arnold remains.

J. K. Purefoy, dealer in books and stationery, Charlotte, N. C., has sold out to C. W. Bradshaw and E. J. Allen.

Hamilton & Clark, dealers in books, station erv, &c., Rockford, Ill., have dissolved partner ship; Mr. Clark continues

Hirsch & Larzelere, printers, engravers and lithographers, Philadelphia, Pa., have dissolved partnership. Edward and Henry M. Hirsch partnership. continue. The style is now Edward Hirsch &

Theo. Diebold has succeeded P. Metz & Son, 45 Ann street, New York, dealers in rags and paper stock.

A. B. Mallory has retired from the business of nanufacturing paper in the old mill at Westville, Conn., and has been succeeded by John Thompson.

Swan & Smith, dealers in blank books, and binders, Bridgeport, Conn., have dissolved partnership. Samuel Swan has retired, and A. W. Jones has been admitted. The new firm is Jones & Smith.

On account of ill health, William D. Bennage, Jr., Philadelphia, has been obliged to relinquish usiness for a time and has transferred his book and stationery store and printing office to Alex. L. Van Dyke, who will trade under the firm name of W. D. Bennage, Jr., & Co. At the end of six months Mr. Bennage will either resume the business or Mr. Van Dyke will assume it permanently.

Frank S. Thaver and Charles K. Wadham have formed a copartnership under the firm name of Thayer & Wadham, at No. 30 Franklin street, Boston, for the purpose of transacting the wholesale stationery business, and the manufacture of stationers' specialties. An experience of twelve years in the wholesale department of this business, a large portion of the time with the well-known houses of Taggard & Thompson and Thompson, Brown & Co., is perhaps a sufficient guaranty of their ability to understand the tastes and wants of the public in their line, and of their being able to offer unusual advantages and the lowest prices.

Failures.

J. S. Thompson & Co., printers, Chicago, Ill., are asking an extension

Jacob Sims, printer, Minneapolis, Minn., has been sold out by the sheriff. Dustin, Gilman & Co., book publishers, Hart-

ford, Conn., are in bankruptcy. Loud & Arnold, manilla paper manufacturers. Loudville, Mass., are reported suspended.

John Woods, dealer in stationery and fancy goods, Moravia, N. Y., has been sold out by the Childs & Smith, dealers in paper hangings,

New York city, have compromised with their creditors. An application has been made to force John

on Armstrong, stationer, New Orleans, La., into bankruptcy. Sanford & Co., book dealers and stationers,

Worcester, Mass., have had their stock attached, and have suspended business. The affairs of Bays & Co., stationers, Orange,

N. J., were found to be in such an unsatisfactory state that a committee of creditors determined to throw the concern into bankruptcy, and it was ecordingly done on last Monday. T. N. Cook, Jr., paper dealer, Boston, Mass.,

is reported failed, with liabilities of about \$8,500, of which \$3,000 are secured. The assets are \$4,800 in stock and accounts. It is thought that the creditors will get thirty cents on the

At a meeting of the creditors of J. B. Ford & Co., held on Thursday, it was decided to distribute \$7,000 as a dividend to the creditors, leaving a balance of \$4,000 for contingencies The dividend is about 7 per cent. on the amount of claims proved.

Certain parties have interested themselves in falsely stating that irregularities had been discovered by the assignee of Alex. McNie & Co., of Winona, Minn., in the accounts of the firm H. P. Hubbell, who was employed by the assignee to examine the books of McNie & Co. writes a letter denying the rumor, saving that their "books were all right," and "did she actual state of the business," and that although he would have been "pleased as an accountant to have his "search rewarded with some evidences of crookedness," that excepting a few little mistakes by the book-keeper, he "found none.

The stock and business of J. G. Hodge & Co. San Francisco, Cal., were sold on Tuesday at private sale, by the assignee in bankruptcy, to Mr. Cunningham, nephew of D. O. Mills, President of the Bank of California. The amount of the purchase money will be above \$50,000, and sum already realized from the sale of stock previous to the purchase is nearly \$50,000 additional, making a total of more than \$100,000 cash, in addition to book accounts still held by the assignee, and which, through the efforts of the committee of the creditors, will undoubtedly be made to yield a considerable amount in addition. The balance of stock on hand was purchased so as to give from 70 per cent. to 75 per cent. of its cost value to the creditors. through the efforts of the committee there has been already realized a better dividend in than the bankrupt firm offered to pay in three years, without security or interest

Thomas Manahan, paper dealers in this city vesterday made an assignment to Alexander C. Robertson, of the Montville Paper Company, Montville, Conn., one of his heaviest creditors. The assignee immediately took possession of the store and its contents, and began the work of taking an inventory. Mr. Manahan has dealt principally in Manilla papers, but has done business to some extent in other kinds. The assignee has not yet finished an examination of the books and accounts, and consequently is unable to furnish a list of creditors, but among the latter are the Montville Paper Company, about \$5,000: Vernon Brothers, \$3,000; Lee & Sturges, Walker, \$2,800: Daniel Tompkins & Co., Goodenough & Co., Lawrence Paper Company, Ira L. Beebe, \$300; Coffin & Lyon, \$150, and several mill owners and dealers whose names cannot yet be ascertained. The liabilities are placed between \$40,000 and \$50,000. Mr. Manahan has a large stock on hand, reported to be worth from \$20,000 to \$25,000. Some of the creditors speak very harshly, charging him with selling at unremunerative rates. The schedule of assets and liabilities will be filed as soon as they can be ascertained by the assignee.

Representatives of the creditors of Mosely & Moody, paper collar manufacturers, met at the office of the Register in Rankruptcy on Thursday afternoon. Mr. Edward F. Brown appeared for the Second National Bank of Norwich, Conn., Mr. Arnold for R. B. Hawkesworth. and Mr. Harris for some twenty-three creditors. Mosely & Moody amended their schedule of assets and liabilities, in accordance with the ruling of Register Dwight upon the motion of Mr. Brown at the previous meeting, after which a rote was taken upon a resolution submitted by Mr. Harris accepting a proposition, made on February 28 last by the firm, to settle with their creditors at fifteen cents on the dollar, in notes at three and six months. Mr. Harris' clients were in favor of accepting the proposition, and as they had a decided majority Register Dwight declared the resolution adopted, but added that its observance would be subject to the ruling of the court. Mr. Brown entered an objection the vote of Mr. Harris' clients, which will be disposed of by the Supreme Court.

The committee appointed by the creditors to investigate the affairs of Hadley Brothers & Co., reported at a meeting, held on Wednesday at the rooms of the Stationers' Board of Trade, the resuit of its investigation. The report states substantially that an investigation had been made of the books and affairs of the firm, and from information obtained by the committee it seemed clear that the inventory taken in February by the firm, fairly represents the stock and assets which are good and salable; that the partners have drawn, for their personal use during the past two years, sums of money, which were rather liberal, to characterize it mildly; that whatever capital the old firm had, if any, when Mr. Rayand became a member of it, has been utterly used up in discharging liabilities of the old house and in the personal expenses of the partners that the business has been unprofital is attributable to an inordinate expe count, and that the present delay of action on the part of the creditors is resulting in the rapid deterioration of assets, as the expenses are continued on the same scale of extravagance as formerly. The committee in its conclusions and recommendations considers that it will be impolitic and unwise to continue the business with any prospect of success, unless a large addition of capital shall be put into the concern, combined with good business ability to direct and control it. If this can be done the committee deems it wise to continue the business, even if a liberal composition has to be If it cannot be accomplished, then the recommendation is to close up the affairs and put them into the charge of a creditors' assignee. The National Bank of Illinois holds a judgment note against the concern, and to secure it has put a marshal in possession. As Mr. Raymond and the Hadley Brothers have thought it advisable to throw the concern into bankruptcy to protect the other creditors if the additional capital cannot be raised, the committee deemed that advisable if necessary to close up the businem. It will require \$40,000 or \$50,000 to float the concern. The creditors then passed a series of resolutions to the effect that a committee should be appointed to give the old partners a chance to get new capital, and if not obtained in a reasonable time the firm should be thrown into bankruptcy.

Chattel Mortgages.

NEW YORK CITY. Mortgagee, Amount American Bible Union.... Metropolitan Sav-ings Bank....\$30,000 T. W. Jones..... .F. Myers..... L. Carlton.... M'f'g Co.....4,000 H. A. Smith.....50,487 William Campbell..... J. J. O'Brien..... L. C. Lomer..... NEW YORK STATE

Chas. H. Scoville, Schenectady......43 Gottlieb Press, Troy......140 NEW JERSEY. E. & M. Gardner, Bayonne. EASTERN STATES.
 George H. Tripp. Boston, Mass.
 275

 T. F. Collins, Boston, Mass.
 1,000

 Albert Trochsler, Boston, Mass.
 553

WESTERN STATES.

| 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250

 R. M. Moore, Moline, III.
 .550

 A. F. & O. H. Judd, Rockford, III.
 .65

 Baker, Schmiddlapp & Co., Indianapolis, Ind.
 .385

 W. W. Davenport, Greenville, Mich.
 .250

 SOUTHERN STATES. Darby & Duvall, Washington, D. C.

Chas. Harvey & Co., Baltimore, Md., b. s.... Fires.

The straw-board mill belonging to William Wemple, Sammonsville, N. Y., has been destroyed by fire; loss unknown.

A fire broke out on Tuesday morning at No. 172 Fulton street, this city. The building was occupied by F. O. Pierce & Co., manufacturers of oils and paints, who rented the first floor. The second floor was occupied by John F. Baldwin as a job printing office, and the third floor by John A. Moller, bookbinder. The building was entirely burned out, owing to the inflammable nature of the contents. John F. Baldwin had presses and type valued at \$8,000, with insurance for \$5,500. He has moved his office to 35 and 37 Vesey street. A large quantity of valuable books in process of binding by Mr. Moller were destroyed. The adjoining building, 172, was not attacked by the fire, but the paper stock of R. Root Cornell was damaged to the extent of \$1,500 by water; fully covered by insurance. No. 176 is occupied by various houses in the stationery line, but no damage of any account was done.

Accidents.

W. McDonald, while engaged one day last eek in cutting the paper from the calenders at the Central Mill, Indianapolis, Ind., had his hand caught, and one of his fingers was nearly torn off.

Personal.

J. Karzellus, dealer in wall paper, Buffalo, N. Y., is dead. Jonathan H. Butler, publisher of school books,

Philadelphia, Pa., is dead. Charles L. Wilson, proprietor of the Evening Journal, Chicago, Ill., is dead.

N. G. Hawley, of the firm of Hawley, Meyers-& Co., stationers, Rochester, N. Y., is dead John D. Dethless, book dealer and stationer,.

New York city, is reported to have left town. Mr. Merriam, of the firm of Merriam & Putnam, paper hanging dealers, Chelsea, Mass., is

dead. Joseph S. Lare, of the firm of James P. Barr & Co., publishers of the Post, Pittsburg, Pa., is

James Dodd, formerly of Mead & Nixon, Dayton, Ohio, has taken charge of A. Hill & Sons' mill at Middletown, Ohio, as foreman.

In Town.

G. W. Wheelwright, Jr., Boston, Mass.; S. Q. Porter, Unionville, Conn.; S. Y. Beach, Seymour, Conn.; Thomas O. Hurlbut, South Lee, Mass.; Thomas H. Hulbert, Wilbraham, Mass.; L. C. Woodruff, Buffalo, N. Y.; John McLean, Ballston Spa, N. Y.

General Notes.

During the week the Stationers' Board of Trade has received accessions to its membership of Cownerthwaite & Co., A. N. Collins & Son, and A. C. Lea, all of Philadelphia.

Henry Lindenmeyr. explaining his remarks relative to the break in the Straw Board Ass tion, in which he said "it's a mean, dirty lie," wishes it to be known that he did not refer to Mr. Faurot, and that he misunderstood the inquiry of THE JOURNAL reporter. to refer to a communication to a Western paper, which charged him with underselling the market while the combination was in existence.

The associated publishers and booksellers of Leipzig resolved last year to publish an Archiv für die Geschichte des deutschen Buchhandels The first number of this Archiv has just appeared. It contains a number of documents and papers of great variety and interest; among them an account of the tragic fate of Johann

Leipzig, in 1527, for selling a pamphlet of a socialistic tendency (now reprinted in the Archiv) which seems to have caused great alarm after the horrors of the "peasants' war."

SPECIAL NOTICES.

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

TO PAPER MANUFACTURERS.

Having recently accepted the agency of a new proceas for the manufacture of Wood Pulp (Mechan ically), I am prepared to negotiate for the issuing of licenses to all wishing to enter into the business.

PATENTS.

I am prepared to make arrangements with inventors or owners of patents relating to Paper-Making Machinery, or Processes for negotiating the sale or licensing of the same. Having special facilities for directly communicating with Paper Manufacturers and Capitalists, I am in a position to handle such business successfully. Circulars with full information fur-nished on application. Address

EDWARD CONLEY,

74 Duane Street.

Supreme Court of the United States.

No. 282-OCTOBER TERM, 1877.

The Union Paper-Eag Machine Company and Samuel Cupples, Appellants, vs. Merrick Murphy and R. W. Murphy.—Appeal from the Circuit Court of the United Stacts for the Eastern District of Missouri, Mr. J.s.ise Clifford clivered the opinion of the

Samuel Cupples, Appellants, was Merrick Murphy, and R. W. Murphy. A speal from the Circuit Court of the United State: for the Eastern District of Missouri, Mr. J.s.ic. Clifford delivered the opinion of the Court.

Rights secured to an inventor by letters-pa'ent are property which consists in the exclusive privilege of making and using the invention and of vending the same to others to be used for the period prescribed by the Patent act.

" Letters-patent, bearing date July 12, 1859, were granted to William Goodale for new and useful improvements in machinery for making paper bags, as more fully described in the specification.

" Proofs were taken, and the Circuit Court having heard the parties, entered a decree dismissing the bill of complaint.

" Evidence of a satisfactory character is exhibited to show that the assignor of the complainants was the first person to organize an operative machine to make paper bags from a roll of paper in the flat sheet by a transverse cut across the same with a knife having five planes, so that the blanks so called, when cut and folded, will present a paper bag of the form and description given in the specifications and drawings of the patent.

" A Argument to show the form of the knife and cutter are substantially the same is quite unnecessasy, as that is proved to demonstration by a comparison of the two devices. Nor can it make any difference that the cutter is made to cut the paper by its own gravity, while the knife is made to cut by the fall of a device which performs no other function than to fall upon the paper at the proper moment and cause the stationary knife to cut for the same purpose.

" Except where form is of the seasone of the invention in has but little weight in the decision of such an issue, the correct rule being that in determining the question of infringement the court or jury, as the case may be are not to judge about similarities or differences by the name of things, but are to look at the machines or their several devices or lements in the light of what

Market Review.

OFFICE OF THE PAPER TRADE JOURNAL, | FRIDAY EVENING, March 15, 1878.

THE MONEY MARKET .- Money continue plenty for borrowers on good collateral, and call loans ranged at 4 to 4½ per cent., with exceptions at lower figures. The range of prime commercial paper is 41/2 to 6 per cent.

There has been transacted a large business in Government bonds, the latest transactions at the boards aggregating \$1,493,000. The entire emand, and strong and higher trices have been the result of the week's opera-

Gold continued to decline gradually but steadily until towards the last, when the market became more active, and prices advanced fully 1/4 per cent. During the week the price fell to 100%, the lowest point touched since April, 1862. The following are the quotations for the week:

 Opening.
 Highest.
 Lowest.
 Closing.

 .10134
 10134
 101
 101

 .101
 101
 100
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 .10196
 10076
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 10078

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 1014

The posted rates for bankers' Sterling are to-day \$4.84% to \$4.85% for 60-day and \$4.86% to \$4.871/4 for sight, and the market is strong. The following are the rates to-day : Sterling, 60 days, \$4.84% to \$4.85%; sterling, sight, \$4.86% to \$4.87%; cable transfers, \$4.86 to \$4.87; commercial sterling, prime long, \$4.83\\(\) to \$4.84\\(\); commercial sterling, good long, \$4.83\\(\) to \$4.84\\(\); commercial sterling, good long, \$4.83\\(\) to \$4.84\; Paris, bankers', 60 days, \$5.18\\(\) to 5.16\(\); do. sight, 5.16\(\) to 5.14\(\); do. sight, 5.16\(\); do. sight, 5.16% to 5.14%; Swiss, bankers', 60 days, 5.18% to 5.16%; do. sight, 5.16% to 5.14%; Reichsmarks (4), bankers', 60 days, 64½ to 94½; do., sight, 95½ to 93½; Guilders', bankers, 60 days, 39¾ to 40; do., sight, 40% to 41%.

THE PAPER TRADE. -There has been no special feature to record during the week, and this is saying considerable when every pulsation

Herrgott, of Nürnberg, who was beheaded at Leipzig, in 1527, for selling a pamphlet of a sellers, according as they suit their views, to Baggings have been offered a very little stand as guides to future transactions, and govern their views of prices and the state of the market. There have been sales of course, but none of sufficient magnitude to warrant partic ular attention, or at figures to give rise to trepidation or exaltation. Business has moved along in a very easy, moderate way, and cannot be called dull or very good. On the whole, less activity has been manifested than was noted two weeks ago, and trade has settled down to a quiet steady call for. We may speak in detail as fol-Writings have been in tolerable request, and Engine-sized have led Loft-dried Tubwhatever movement has occurred. Superfine Loft-dried Flats have done nothing to boast of, but Ledgers and Records have main tained to a better degree that condition of activity which we noticed last week. There has been a fair call for Flat Caps. Super-sized and Calendered Book Papers have been sought for with a moderate degree of earnestness, but sales are in small and medium quantities. Other qualities are in about the same request. Manillas of ordinary quality evince no notable features, but transactions are moderate, and prices about the Pure Manillas are in really small search, and Flour Sack and Rope exchange hands in small quantities. Straw Boards move with freedom, but the range of prices is low, and much cutting is going on. We heard of sales of quite a large quantity of Air-dried Pennsylvania at \$45 per ton, and Air-dried State at \$43. A lot of No. 2 Steam-dried were purchased by a paperbox maker for \$36. They were of good quality. The same qualities are placed by some dealers at \$42. There are all sorts of prices, but purchasers with ready money can generally get their own figures before dealers will let them go. The sales we have mentioned are perhaps exceptional, for we know that Air-dried Pennsylvania of the same quality noted have been sold at \$50 per ton during the week. Binders' Boards are un-changed. Straw Wrappings move tolerably well, but prices are down. News Papers of low grades are selling at small figures, and the market for those qualities is depressed. The higher grades are firmer, and prices are pretty well sustained. An illustration of the state of the market can best be indicated by the sales. A reported contract with the Smith Paper Company to furnish 7,000 rolls of paper for the Herald and Telegram has been made at less than seven cents. On the other hand the Times is furnished with first-class material at eight cents, the same figure which it has been paying for a long time past.

JUTE BUTTS.-Since our last report we have to announce still further heavy arrivals of Jute Butts, viz.: T. J. Southard, Boston, 2,750 bales: Naiad, New York, 5,637 bales; Pembroke Castle, New York, 2,567 bales. As intimated in our last issue, the heavy arrivals then afloat in port, led ons on the part of holders, and large sales resulted, viz., about 9,000 bales landing at 2%c. to 2%c.; the market closing quiet and steady at 2%c. A pressure to sell from the more recent arrivals would again re-establish the market at 2%c., at which price we hear there are buyers for round lots. Sales, to arrive, have also been large, say about 14,000 bales at 2%c. to 2%c. gold, and one lot of 2,400 bales, to arrive at Boston, at 2%c. currency. The stock in New York and in Boston amounts to 21,500 bales. The shipments for the present month are estimated from 25,000 to 30,000 bales, and the supply for the next five months is over 20,000 bales per month. The consumption at present prices is estimated at less than 150,000 per annum. The shipments to England are larger than usual, and have been, it is alleged, made in the interest of Calcutta specu lators to keep prices high in India. It is surmised that from 10,000 to 15,000 of these English Butts will finally come to the United States

FOREIGN RAGS AND PAPER STOCK .-In some articles there has been a trifle yielding in prices on account of the weakness in Jute Butts, but not that falling off which was anticipated early in the week, when it was supposed the heavy arrivals of the latter article would cause the market to break badly. The auguries were not fullfilled, and only a little weakening occurred. There has been an increased demand for Low-grade Linen Rags, and prices are firmer. Sales have been reported of 60 bales S P F Hamburg Rags at 4%c.; 25 bales Extra-fine Blue Linens at 4%c.; and 20 tons Jute Threads at Sc. The arrivals for the week foot up 584 bales Rags; 535 bales Paper Stock; and 946 bales Manillas.

DOMESTIC RAGS.—There have been transactions which indicated any change in this market. There is a degree of activity mani-fested in certain qualities, which indicates a more gratifying disposition to purchase in quantities and for future use, but purchases are much at the minimum figures quoted last week, and transactions occur because prices are low. Poor and Middling Packings stand little chance of exchanging owners, except at very low figures, and good qualities move tolerably fair, because sellers' views usually win the day. There has been no change in the price of City Seconds, and 50 bales sold at 21/c.

OLD PAPERS.—This market covers such a extensive range that it is difficult in these times, when buyers make choice selections and name their own figures, to characterize it as a whole For Broken News and Letter there is little call and small prices. For both Nos. 1 and 2 White and Colored Shavings, there is some inquiry, but no urgency manifested. Ledgers and Writings are in good request, and prices are pretty well maintained, and there is little, if any, yielding by holders to purchasers' views. There were sales of 30 bales Manillas (papers) at 21/4c., and 50 bales Prime Manillas at 2%c., also 10 tons of Heavy Book Stock at 3%c.

BAGGINGS.—The tendency to weakness in in trade, no matter how trifling or feeble, is noted, and when sales are watched closely, and been manifested ever since, but the yielding in movements which in seasons of activity would prices has been very trifling, and supported by

No. 1 Baggings have been offered a very little lower. and sales have occurred of 25 tons at 25/4c. Not quite the same stiffness has been manifested by the next quality, and 20 tons No. 2 Gunny Bagging exchanged hands at 2c. to 2½c. Rope has maintained its former prices, and has been quite firm with a tolerable request. Sales are reported of 30 tons Manilla Rope at 31/2c., and 5 tons New Burlap Clippings at 3c.

WOOD PULP.-An increased amount of busiwas transacted in this article during the week, and one or two mills, which have used the material made by persons outside of the combination and sold at 3c., have been so dissatisfied with the workings of the material that they have returned to the purchase of the old article, for which they have paid the regulation price,

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

ROSINS.-Strained remains quiet. The export movement is light and there is an easy market. Sales include 200 bbls. No. 1 and Pale at \$2.20 to \$3.75. The quotations are: Good Strained at \$1.65; Common do. at \$1.60; E at \$1.75; F at \$1.80; G at \$1.90; H at \$2.10; I at \$2.20 to \$2.35; K at \$2.75 to \$3; M at \$3.50 to \$3.621/2; N at \$4 to \$4.25; W at \$4.50 to \$4.75.

CHEMICALS.-The market is very dull and very little is doing. Sales have been of small lots, and are as follows: 100 casks Bleaching Powders, at \$1.45, currency; 50 tons Soda Ash, 48 to 56 per cent. at \$1.75 gold; 50 drums Caustic Soda, 60 per cent., at 41/sc. gold; 25 tons Sal Soda, at \$1.20 gold; barrels Lump Alum at 2%c. currency; 100 barrels Ground Alum at 21/2c. currency; 50 barrels Potash Alum at 21/2c. currency; 20 tons Concentrated Alum at 2%c. currency; 180 barrels Natrona Porous Alum at 31/4c. to 31/4c. currency; 25 tons Aluminous Cake at 21/4c. currency; 10 asks Yellow.Prussiate at 23c. currency; 10 casks Bichromate at 121/c. currency; 5 tons English China Clay at \$16.50 gold, and 5 tons S. C. China Clay at \$13 currency.

COAL.-During the past week there has been nothing noteworthy in either anthracite or us. Saward's Coal Trade Journal says: bitumine With the present condition of trade, of course any advance in price on the first instant-that much-needed and only means of relief-would be seless and impossible to obtain. The coal on hand must either be first exhausted, or 'starvation rates' offered, in order to tempt the purchaser at all. Several of the companies have large quantities of coal mined, and shipments to a high figure are being made daily. In the Lackawanna and Wyoming regions the collieries of all the companies are running on partial time, and this, coupled with similar reports from many other regions, seems to exert a potent influence against any large purchases, and thus adds much to the general uncertain and unsatisfactory condition of trade. It is of course a matter of conjecture, but still it would seem that a general and complete suspension of operations, regardless of any quotas that may have been allotted by the Combination, would be the only remedy for the crisis through which we are passing. Freights continue to be low, and it is expected that the present coastwise rates will induce Eastern buyers to 'stock up.' At present writing, however, there is little disposition to do The quotations at tide water are: Lump. \$3.75; Broken, \$3.50; Egg, \$3.50; Stove, \$3.75, and Chestnut, \$3.25.

NEW YORK MARKET.

PRICES CURRENT.

Paper Market. DEALERS SELLING PRICES

PERMITE PERMITE
Ledger and Record\$0.22 @\$0.28
Flat Caps, Superfines. 17 21 Flat Caps, Fines. 1446 16 Flat Caps, engine-sized 12 0 134
Flat Caps, Fines
Flat Caps, engine-sized 12 @ 131/6
Blotting, American
Blotting, American
Blotting, English 21 @ 25
Blotting, American
Book, super-sized and unted 15 @ 17
Book, extra machine finish, low grade 9 @ 111/2
Book, extra machine finish, tinted 13 @
Book, extra machine finish, tinted 13 6 Book, No. 1, Shavings & Imperfections 10 11 11 Book, No. 2, Shavings & Imperfections 9146 10
Book, No. 2, Shavings & Imperfections 91/6 10
News, rag and wood / gp o
News, straw 756 8
News Common 7 6 714
Hanging, Superfine, No. 1
Therefore Our and an We of 101/6 11
Hanging, Superfine, No. 8 10 @ -
Hanging Machine Satin, No. 1 7140 8
Hanging White Blank No 9 7 0 714
Hanging, White Blank, No. 2
Hanging, Curtain 5160 6
Hanging Buff 5 @ 514
Colored Papers, Double Mediums 1016 1116
Colored Papers, Glazed Mediums 13 @ 15
Colored Papers, Tobacco 10 @ 11
Colored Papers, Tissues, 20 × 30, 19 ream 1.50 @
White Tissue, 20 × 30, 20 ream 1.20 @
White Tissue, 24 × 36, 19 ream 1.70 @
Manillas, Flour-sack, cream 1214 1314
Manillas, Flour-sack, drab 10 @ 1134
Manillas, Rope, unbleached 11146 1314
Manillas, No. 1, light weight
Manillas, No. 1, light weight
Manillas, Ordinary Wrapping 8 & 814
Manillas No. 2
Maniflas, No. 2
manillas, Bogus.
Tissue Manillas, ILH count, weight and
size, 11 × 15, other sizes in proportion 22 @ 28
Hardware, light colored 12 @
Hardware, No 1, glazed 8160 9
Hardware, No. 2, glazed 7160 8
Binder's Boards, # ton
Straw Boards, air-dried, 150 sheets, \$\psi \tan 50.00 \@ 60.00
Straw Boards, air-dried, 120 sheets, \$\tau to 50.00 \$\tilde{\alpha}\$ 60.00
Straw Boards, air-dried, Album, W ton 55.00 @ 65.00
Straw Boards, air-dried, No. 1. W ton. 50.00 @ 55.00
size, 11 × 15, other sizes in proportion 22 28 Hardware, light colored 12 6 9 Hardware, No. 2, glazed 846 9 8 6 9 Hardware, No. 2, glazed 74 6 0 0 00.00 6 0 0 00.00 6 0
Straw Boards, steam-drie 1, No. 2, 9 ton - 6 50.00
Straw Boards, steam-dried, No. 2
State, # ton
State, \$\mathbb{\bar{\pi}}\$ ton. 47.50 \$\mathrm{\pi}\$ 35.00 Straw Boards, air-dried, Fenn, \$\mathrm{\pi}\$ ton 50.00 \$\mathrm{\pi}\$ Straw Boards, air-dried, State. \$\mathrm{\pi}\$ ton 50.00 \$\mathrm{\pi}\$ Straw Wrapping, basis, \$15 \times 20, 10 \$\mathrm{\pi}\$,
Straw Boards, air-dried, State, W ton 50.00 @
Straw Boards, an dried, State, world, or to
Straw wrapping, basis, lower, to so,
WO STROOM
80×40 1.00 @ —
24 × 86 75 @ —
22 x 32 70 @ —
30×30 46 @ 55
16 × 22
18×28 40 @ —
18 × 26 45 @ 50
15×20
14×18 20 @ 21
18 × 18
12×16
11×15 13 6 —

	OURNAL.			
1	Straw Wrapping, W 5	214@	994	Blues Colors
	Straw Wrapping, \$\mathbb{D}\$ Tea Papers, 16-sheet quires— 12 × 18 14 × 20 Woolen Rags.	85 @ 45 @	40 50	Alum,
	Comforter Stock	18 @ - 1816@ -	_	Alum, Alum, Alum, Alumin
	White Stockings White Stockings Blue Flannels	11 @ - 18 @ - 8 @ -	10	Bi-Chr
-	Reds, new Shirt Clippings	10 @ - 98 @ 714@ 7 @	95 814 714	Bleach Caustic Clay, C
	Light Skirted Cloth	4 6 5 6 10 6 -	414 514	Clay, Clay, Sclay, T
	White Stockings Blue Flannels Reds, old Reds, old Reds, ew Shirt Clippings Mixed Softs, free of Carpets Seamed Cloth Skirted Cloth Light Skirted Cloth New Dark Clips New Light Clips New Blue Clips New Flets	14 @ 16 @ - 18 @ -	15	Clay, T Copper Extrac
-	New Felts New Fancy Shirt Cuttings New Fancy Linsey Cuttings New Satinets, clean stock	814@ 12 @ 8 @	234	Prussie Prussie Orange
	DORING WHAT DEPARTMENT	740	23/6	Rosins Rosins Rosins
	Delaines, stripped for extract Black Shoe Lastings Blankets Wool Carpets Mixed Carpets White Linseys Mixed Linseys	4 6	114 414 114	Rosins Rosins Rosins
,			2	Rosins Sal Socia A
6	White Shirt Cuttings, No. 1	7140	834 634	Soda A Soluble
t	Mill Assorted whites Unbleached Muslins City Whites New Canton Flannels. New Cotton Strips, light. New Cotton Strips, dark. No. 2, Whites Cotton Canyas	534@ 534@	6 534 514	Spanis Sugar Sugar
	New Cotton Strips, light	5 6 6 6 4146 8 6 5746	494 834	Sulphi Sulphi Ultran Vened
t	Linen Canvas	51200	6 584 634	Veneti Vitriol Yellow
1	Country White Rags Country Mixed Seconds (City) Seconds (City) Extra. Colors, per 100 fb Manilla Rope Manilla Rope, tarred Hemp Rope Gunny Bagging, No. 1 Gunny Bagging, No. 2 Kentucky Bagging Burlap Bagging Tar Shakings Hemp Twine Stock	3 6 21/6 21/6 50 6	214 25% 1.00	
1	Manilla Rope, tarred	814@ 874@ 414@ 214@	354	
0	Gunny Bagging, No. 1 Gunny Bagging, No. 2 Kentucky Bagging	214 @ 214 @ 5 @	3346 8 544	Mill A
0		5 @ 29/4@ 41/4@ 11/4@	814 2 5	Gunny Gunny Kentu Hard
8				Soft W
8	Shavings and Old Paper. White Collar Cuttings, all paper. White Collar Cuttings, muslin lined White Envelope Cuttings. Hard White Shavings, No. 1. Soft White Shavings, No. 2 Mixed Shavings, No. 2 Mixed Shavings, No. 2 Mixed Shavings, No. 2 Soft Shavings, No. 2	412 @ 514 @	5	White White
0 8	Soft White Shavings, No. 1	8 6 414 6 814 6	514 516 416	Hard Soft W White Mixed
h	Ledger and Writing	414 @ 414@ 214@	4 434 294	Imper Light Manill
n	Book Stock. Book Stock, No. 1, light. Book Stock, No. 2, light. Prints Pure Manillas	27400 2 6 1146	194	Manill Hardy Straw
	Pure Manillas Bogus Manillas and Hardwares Commons Binder's Board Cuttings Straw Board Cuttings	1140	- 84 156	Gunny Linen White
e t e	English Rags, &c.	80 6	1	Count Count City V Secon
1	London Fines cotton	694 GS 594 GS	6	Colors Manil Binde
0	Seconds Seconds Extra	314 (5) 314 (5) 296 (6)	816 334 25a 417 356	Comm Oakus Hemp
0	New Print Tabs Checks and Blues Light Prints	896m 316@	356 356 354	PP, N
6	Dark Fustians Black Calicoes	2946	274 214	PP, N ES, N TT, N P, No. S No. T, No.
y e h	Outshots, cotton Seconds Seconds Seconds Extra Thirds New Print Tabs Checks and Blues Light Prints Light Fustians Dark Fustians Black Calicoes First Canvas Linen Second Canvas Linen Second Canvas Linen Gunny Bagging, No. 1 Gunny Bagging, No. 2 Mixed Bagging Burlaps Bagging Burlaps Bagging, No. 1 Roje, Manilla, Rope, Manilla, Larred Jute Ropes. Jut Tbreads English Old Papers and Sh	454 @ 454 @ 8 @	434 454 834	White
	Gunny Bagging, No. 2 Mixed Bagging. Burlaps Bagging, No. 1	214@ 214@ 254@	294 294 284	Color
1-	Rope, Manilla, tarred	294@ 8 @ 8L6A	334 334	White Blues Reds
d	English Old Papers and Sh Hard Shavings, No. 1	avings,	484	Canva Canva
d e	Hard Shavings, No. 1 Soft Shavings, No. 1 White and Colored Shavings, No. 1. White and Colored Shavings, No. 2. Cream Shavings. Paper-collar Cuttings.	8 G 234 G	814 994 584	Kope
t	Cream Snavings. Ledgers, Briefs and Letters Newspapers and Pamphlets, extra Old Newspapers Broken News and Letters New Books, Solid Folios Old Blank Books.	4 @ 4 @ 816@	494	White Blues Reds
),),	Old Newspapers Broken News and Letters New Books, Solid Folios	294 @ 214 @ 414 @ 414 @	234	Mixed
	Old Blank Books Brown Papers White and Buff Railway Sheets Railway Tickets	146	152 834	Super Fine I Rags Ordin
	Hamburg Rags, &c.			Straw Manil Ordin Manil
	Linen Cuttings. SPFFF, square bale. SPFFF, long bale. SPFF, long bale. SPFF, square bale. SPF, square bale. FF, square bale. LFX, square bale. Extra Fine Blue Linen, light color. LFB, square bale.	64/6 54/6	632	Bogus Straw Hardy
	F F, square bale L F X, square bale L F X, square bale	41/4/G 81/4/5/G	834 434 334 534	Hardy Hardy Straw Straw
6	L F B, square bale. L F B long bale. Gunny Bagging, No. 1 Burlap Bagging, No. 1	4146 4146 8 6	434	Binde Leath Leath
	Burlap Bagging, No. 1	5%0	234 6	Leath
á	Burlap Bagging, No. 1 COTTONS. Shirt Cuttings, square CS P F F F, square bale. CS P F F F, long bale. CS P F F F, square bale. CS P F F, square bale. CS P F F, square bale. CS P F, square bale. F R, square bale. Extra Fine Blue Cotton. C F B, square bale. Extra Fine Blue Cotton. C F B, square bale.	5 6	534 534 434	Alum
4	CSPF, square baleFR, square bale	814@ 814@	384 314	Alum Alum Alum
•	Cotton Canvas	6140	346 146	Alun.
6	T R (tarred)	814GB 872GB	394	Bi-Chi Bleac Black
6	Old Paners.		87/6	Caust Caust % c Clay,
6	Old Book Paper. Old Printed Books. Imperfections. White Shavings.	4 03	4	Coppe Extra
4	Printed Papers		214 214 814	Pruss Pruss
9	PP, No. 1 Linens 8 8, No. 2 Linens TT, No. 3 Linens TT, No. 3 Linens	614@ 514@	6% 5%	Rosin Rosin Rosin
2	S. No. 2, Cottons	8148	476 516 874	Rosin Ral Se Sal Se
	R, ordinary stripes	294 03	5 8 8	Solub
	C 8	214 G	8 214 214	Sugar Sulph Terra Ultra
	Whites Alexandria Rags.	294.03	23%	Venet Vitrio Yellov
	Colors	21405	23% 23%	PE
	SPFF	- 5%	8 534 414	Tilest
	E Witter Transportations of the State of the	456/B	袋	No. 1 Super
	S P F	514 @ 5 @ 414@	114	No. 2 Colore Rag N
	SPFFKonigsberg Rags.	894@ 	6	Rag N Ordin Straw Bleac
	LFB. Japanese Rags.	4%6	4%	Ordin Bogus Straw Glaze
	Whites	8 0	-	Ungle

_			
1	Blues	21600	986
١.	Colors	2140	
- 1	Chemicals, Coloring Materia	als, der	
- 1	Alum, lump cur. Alum, ground Alum, porous Alum, potash Aluminous Cake, Pochin's Patent	214@	-
- 1	Alum, ground	279603	224
- 1	Alum notash cur	9820	978
-1	Aluminous Cake, Pochin's Patent	2346	-
-	Anti-Chlorine		434
-1	Bi-Chromate Potash, Scotch, currency Bi-Chromate Potash, American, cur'y Bi-Schromate Potash, American, cur'y Biesching Powders, currency Caustic Soda, 60 per cent. gold Clay, China, English, per ton, gold Clay, China, English, to arrive, per ton, gold	14 @	
- 1	Bi-Chromate Potash, American, cur'y	14 @	1.00
- 1	Courtie Sede 60 per cont	1,50 6	1.00
6	Clay China English per ton gold	97905	00.00
6	Clay, China, English, to arrive, per	10,00	0.00
4	ton gold	18.00 @ 9	10,00
6			
- 1	Clay, Terra Alba English per ton Clay, Terra Alba, American, per ton.	15.00 @.3	ki. 30
- 1	Clay, Terra Alba, American, per ton.	15.00 @ 1	8.60
- 1	Copperas, American Extract Logwood, currency Prussian Blue, dry Prussiate Potash, American, currency	11/900	
- 1	Program Phys. der	10340	298
- 1	Prussiate Potach American currency	94 (3)	10-
.	Orange Mineral, gold	10	_
4	Rosins, common strained, per bbl	2.10	2.50
	Rosins, good s rained, per bbl	2.15	2.60
6	Rosins, low, N). 2, per bbl	2,20	2.70
4	Prussiate Potash, American, currency orange Mineral, gold. Rosins, common strained, per bbl. Rosins, good s rained, per bbl. Rosins, good, so, s, per bbl. Rosins, good, so, s, per bbl. Rosins, good, No, 1, per bbl. Rosins, good, No, 1, per bbl. Rosins, good, No, 1, per bbl. Rosins, genter bbl. Rosins, extra pale, per bbl. Rosins, extra pale, per bbl. Sal Soda, gold	2,80	2,80
2	Rosins good No 1 per bbl	9.75	9.00
4	Rosins, pale, per bbl	8.50	8.75
	Rosins, extra pale, per bbl	5.00	6.00
- 1	Rosins, extra pale, per bbl. Sal Soda, gold	- 0	1.40
_1	Soda Ash, caustic, gold	1.85	_
6	Soda Ash refined gold	1.80 @	054
- 4	Soluble Blue	70 0	~76
6.	Quantah Duamen dans	17/0	134
	Sugar Lead, white	- 0	30
4	Sugar Lead, browncur.	9 @	-
*	Spanis Brown, dry Sugar Lead, white Sugar Lead, brown Sulplaria Acid, 60 degrees Sulphura Acid, 66 degrees Ultramarine, gold Venesian Red, American	146	-
6	Ultramarine gold	20 8	40:
4	Vensulan Red, American	@	186
	Venetian Red, English	1740	
4	Vitriol, blue, currency	9320	-
4	Yellow Ochre, gold	- @	196
6			
2	DOGEON MADE	Tarra	
	BOSTON MARK	E.L.	
1	Paper Stock.		
			1300
6	Mill Assorted Whites	87/6@	654
_	Cotton Canvas, No. 2	5340	694
44	Cupper Paggings	294(0)	OF.
4	Gunny Baggings		912
	Kentucky Bagging	4160	5

6	Soluble Blue Spanish Brown, dry	70 6 -
1	Soluble Bills Spanish Brown, dry Sugar Lead, white. Sugar Lead, brown Sulphura Acid, 69 degrees Sulphura Acid, 66 degrees Ulkramarine, gold. Venesian Red, American Venetian Red, English Vitriol, blue, currency Yellow Ochre, gold.	11460
4	Sulphuric Acid, 66 degrees	2 6 40
4	Venetian Red, American	1740 — 1740 —
4	Yellow Ochre, gold	91/4/20
6		
4	BOSTON MARK:	E.T.
6		576@ 634
	Cotton Canvas, No. 2	514@ 594 394@ 4
44	Gunny Baggings. Gunny Bagging, No. 2	2 6 274
	Hard Woolens, old	10 0 11 8340 9
	Mill Assorted Whites Cotton Canvas. Cotton Canvas. Cotton Canvas. No. 2 Gunny Baggings. Gunny Baggings. Gunny Bagging, No. 2 Kentucky Bagging Hard Woolens, old Soft Woolens, old Hard Woolens, new Soft Woolens, new Jute Butts. White Collar Cuttings	10 6 -
	White Collar Cuttings	10 6 — 23/60 3 5 6 6 6 6 6)6
4	White Collar Cuttings White Envelope Cuttings. Hard White Shavings, No. 1 Soft White Shavings, No. 1 White Shavings, No. 2 Mixed Shavings (% white) Imperfections.	5% @ 0 476@ 476
•	White Shavings, No. 2	8 6 -4 8 6 -4
K	Light Prints.	2340 234
16	Manilla Papers, old	9 6 97
•	Mixed Shavings (% white) Imperfections Light Prints Manilla Envelope Cuttings, new. Manilla Envelope Cuttings, new. Manilla Papers, old Hardware and Manillas. Straw Board Cuttings. Gunny Bagging Linen Cauvas. White E.irt Cuttings Country White Rags. Country Mixed Rags Clty Whites, No. 2. Seconds, Country. Colors.	2160 236
M M	White E'.irt Cuttings	8 @ — · · · · · · · · · · · · · · · · · ·
	City Whites, No. 2	294 @ 314 414 @ 496
	Colors.	216@ 214 814@ 814
16	Colors Manilla Rope Binders or Tar Board Cuttings.	1 6 -1
4	Oakum Junk Hemp Rope	5 @ 516 816@ 876
3	Hemp Rope. Leghorn Rags. P.P., No. 1 Linens	69400 E
1	TT, No. 3 Linens	5 65 514 51465 614
4	P P, No. 1 Linens	504 db 214
X 25.00	Alexandria Raga.	
16 16 16	Blues Colors.	2760 8
	Smyrna Rags.	9/0 2
4	Whites Blues Reds	2766 3
	Reds Mixed Canvas, No. 1 Canvas, Good	4 6
3	Tarred	= =
8	Whites	29466 —
16	Reds	1 6
K	Superfine Book Fine Book Rags News, No. 1 Ordinary Rag News Straw News	19 6 95 12 6 15
Ä	Rags News, No. 1	103/4 12 10 0 27
	Ordinary Wranning Manilla	12 @ 13
'n	Manilla, No. 2	7 @ 714 514@ 612
	Hardwaid, No. 1	8 6 -314
Š	Hardware, glazed	83.60
H NEKKN	Manilla, No. 2. Bogus Straw V "Apping Hardwari, No. 1 Hardware, No. 2 Hardware, glazed Straw Boards, air-dried, Straw Boards, air-dried, Straw Boards, seam-dried, ton 6 Binders' Boards, ton 7 Leather Board, Deather Board, No. 2. Leather Board, No. 2. Leather Board, No. 2. Boston Chemicals.	35.00 @ 0.00 70.00 @ 90.00
16 34	Leather Boards, & D	11 6 15
	Leather Board, No. 3	5 6 %
PERSONAL REST	Aluminous Cake, gold	2 9 216
34	Alum, English ground	214@ 274 214@ 244
2	Alum, American lump	246m 216 834 @ 334
16 16	Alun. ground, Concentrated Anti-Chlorine.	814@ 844 1982@ 1814
	Bi-Chromate Potash, American, cur'y Bleaching Powders, gold	12126 18
94 36	Caustic Soda, 60 w cent., gold	4.50 6 5.00
78	© cent.)	4160 419.00
	Clay, American, & ton	1 6 134
14	Boston Chemicals, Aluminous Cake, gold. Alum. English lump. \$\Pm\$ b Alum. English lump. \$\Pm\$ b Alum. English ground. Alum. American ground. Alum. American ground. Alum. American lump. Alum. American lump. Alum. American lump. Bi-Chromate Potash, Scotch, cur'y Bis-Chromate Potash, Scotch, cur'y Bis-Chromate Potash, American, cur'y Bis-Chromate Potash, American, cur'y Bis-Chromate Potash, Merican, cur'y Bis-Chromate Potash, Geotch, cur'y Bis-Chromate Potash, Geotch, cur'y Bis-Chromate Potash, Merican, cur'y Bis-Chromate Potash, Cent, gold. Caustic Soda, 60 \$\Pm\$ cent, gold. Caustic Soda, 70 \$\Pm\$ cent, gold. Clay. American, \$\Pm\$ ton, gold. Clay. American, \$\Pm\$ ton, gold. Clay. American, \$\Pm\$ ton. Copperas, American, \$\Pm\$ b Extract Logwood. Lime, common, \$\Pm\$ bb Prussian Blue, \$\Pm\$ b Prussian Blue, \$\Pm\$ b Prussian Potash, American, Rosin, 00. 2 Rosin, 00. 2 Rosin, 00. 1 Rovin, pale Rosin, extra pale Rai Soda, N. U. \$\Pm\$ b, gold Sai Soda, American, currency. Soda Ash, gold. Soluble Blue Sugar Lead, White	1.30 6 1:40
14	Prussiate Potash, American Rosin, common strained, bbl	23 6 15
34	Rosin, No. 2	2160 216
16 16 16 16 16 16 16 16 16 16 16 16 16 1	Rosin, extra pale	8 @ 816 834 2 4
24	Sal Soda, American, currency	1%@ 1% 1%@ 1.80
	Soluble Blue	19 99 1916
16	Soda Ash, gold. Soluble Blue Sugar Lead, White Sugar Lead, Brown. Sulphuric Acid, 66 degrees. Terra Alba, W fon Ultramarine, W fon Ultramarine, W for Venetian Red, W for Vitriol Blue Yellow Ochre	134 @ 8 15.00 @ 25:00
16	Ultramarine, W D, gold Venetian Red, W D	25 @ 80 158@ 184
36	Yellow Ochre	1146 114
29		

HILADELPHIA MARKET.

ton Plate. Market. Tileston Plate.
Plate.
No. 1 Book, white and tinted.
Superfine Book, white and tinted.
Fine Book, white and tinted.
No. 2 Book.
Colored Glazed Mediums
Rag News.
No. 1.
Ordinary Rag News.
Straw and Wood News.
Bleached Manils, No. 1.
Ordinary Manils
Bogus Manils
Straw Wrapping.
Glazed Hardware.
Unglazed Hardware.

86		
Tissue Manila, 24 × 36, full count. Tissue, white, 20 × 30	98 @ 1,00 .45 @ 1 80 50 @ 55 40 @ 45 35 @ 3734 .00 @ 55,00 .00 @ 55,00 .00 @ 50,00	1 1 1 1 1 1 1 1
Wood Pulp Board, w ton	6 6 8	8
Paper Stock.	.00 6 70.00	1
White Rags	3140 596	-
White Rags Mill Assorted White Rags White Shirt Cuttings, No. 1 White Shirt Cuttings, No. 2 Ootton Canvas, No. 2 Linen Canvas, No. 2 Linen Canvas, No. 1 Blues and Thirds Ootton Jute Butts Gunny Bagging Kentucky Bagging Manila Rope Bott Woolens.	574@ 674 774@ 774 614@ 614 514@ 414 5 6 4 6 314@ 254 276@ 276 276@ 276 276@ 276 444@ 5	1 1 1 1 1 1 1 1 1
Manila Rope Bott Woolens. Hard Woolens. Hard White Shavings, No. 1. Bott White Shavings, No. 2. Mixed Shavings, No. 2. Mixed Shavings, No. 1. Mixed Shavings, No. 1. Mixed Shavings, No. 2. White Collar Cuttings, paper White Collar Cuttings, paper White Collar Cuttings, cloth Solid Imperfections.	8 0 10 940 1 5 0 514 4940 5 4140 416 8140 314 2960 214	1 4 7 2
White Collar Cuttings, paper White Collar Cuttings, cloth. Solid Imperfections. Book Stock. Bewspaper Stock. No. 1 Prints, News and Writing. Ordinary Prints. Manilla Envelope Cuttings. Manilla Envelope Cuttings. Manillar Papers, No. 1. Hardware and Manillas. Straw Board Cuttings.	354 6 314 254 6 — 254 6 — 254 6 284 154 6 154 354 6 384	1 1
Binders' Board Cuttings Common Papers Leghorn Rags.	1 6 0 64	1
P P. No. 1 Linens. B S. No 2 Linens. T. No. 3 Linens B R. P. No. 1 Cotton S. No. 2 Cotton T. No. 3 Cotton B. No. 4 Cotton R. No. 5 Cotton R. N	514 6 574 414 6 444 5 6 514 514 6 594 384 6 3 294 6 3 294 6 374	****
LFB EE LL. Chemicals	5 @ — 414@ 414 414@ 414 4 @ —	
Alum, Concentrated, Red Star	2 6	u a b
Alum, hump, currency Alum, potash, currency Alum, potash, currency Alum, potash, currency Anti-Chlorine Bleaching Powder, currency Caustie Soda, gold China Clay, English, # ton, gold Thina Clay, Star,	00 6 22,00 50 6 16,50 00 6 14,00 6 14,00 00 6 — 50 6 — 00 6 12,00 24 6 —	- (0 1 8
Bichrome of Potash, Scotch, currency Copperas, American, prime Extract Logwood Orange Mineral, gold	10 @	
Rosin, No. 2	.00 6 2.25 .25 6 2.40 .50 6 5.00	-

CINCINNATI MARKET

0111011111111	A MALLEVILLE I.
Paper	Stock.
Centa.	Centa
City, No. 1 Whites 5	Soft Woolens, mixed
Mill Assorted Whites. 5	City 814
White Cotton Canvas.	Common Wool Rags. 11
No. 1	White Shavings, No.1. 414
Linen Canvas 436	White Shavings, No.2, 31
White Shirt Cuttings. 7	Colored Shavings 3
Country Whites, No.1. 5	White Collar Cuttings 6
Country Whites, No.2, 4	White Envelope Cut-
Country Whites, No.3. 814	tings 434
Country Hlue Rags 334	Manilla Envelope Cut-
Country Mixed Cotton	tings, new 3
Rags	Manilia Papers, No. 1, 24
City Mixed Cotton	Manilla Papers, No. 2, 25
Rags 294	Sized Papers 3
Shoe Cuttings, new 5	News Papers 23/4
Colored Cotton Rags. 214	Flour Sacks 43
Manilla Rope 334	Common Papers90
Hemp Rope 436	Straw Board Cuttings 90
Gunny Bagging 234	Binders' & Tar Board
Hard Woolens, old 816	Cuttings90
Hard Woolens, new 15	Mill Bagging, No. 1 25
Soft Woolens (Mill) 9	City Gunnies, No. 2 154

CHICAGO MARKET.

Rags and Paper Stock. | Rags and Paper Stock. | Cents. | Stock | St

FOREIGN MARKETS

London Market Report.

Trade during this week greatly improved, paper manufacturers here coming freely in the market to secure stock both for immediate and for forward delivery, and from America also some good orders were received. Business on the whole has a more satisfactory aspect.

RAGS .- Fine white and strong linens of all grades were in good demand and seme rather extensive contracts were closed. Cotton rags continue to be neglected and only a few sales are reported as hav-

GUNNY—Is very scarce and long prices are being willingly paid for parcels offered in the market. WASTEPAPERS.—A little more was done in these,

mostly for exportation, and prices are somewhat

The French Market.

PARIS. February 28, 1878.
PAPER AND PAPER STOCK.—The rag market continues dull, and coarse kinds are still mostly in demand. Cotton rags No. 1 and others of the same

ature are quite neglected. WOOLEN RAGS.—Black merinos, white fiannels and blue cloths, with sock and worsted goods are the only articles having a sale. There can be no great improvement in the trade until the English manufacture recovers its former activity.

English Chemical Market.

MANCHESTER, March 2, 1878. J. Berger Spence & Co. report: "Since the publication of our last report it is impossible to notice the shadow of an improvement in any branch of the 203 & 205 Centre Street, corner Howard, N. Y.

chemical trade. The downward tendency of prices s still most prominent, and, as far as our ob tion leads us, there is no symptom of immediate firmness in the value of any particular article. On the contrary, not only have articles hitherto weak ecome weaker, but several of those which lately have exhibited some little disposition to firmnes seem to be gradually assuming a sympathetic posi-tion with all chemicals. Consumers continue to buy closely and sparingly, as the demand for their manufactured goods slackens. The month just closed has been a most unsatisfactory one in every respect, and the prospects of the current one are by no means re The full recommencement of export busi ness may, we hope, have some beneficial effect; but there exists the danger that will have to be met, viz., that consumers are as a rule so overstocked that the instant any appearance of an upward movement is discernible they can and will hold aloof altogether for a time. Cream caustic soda continues in slow demand, with hardly any selling for forward delivery. White caustic soda, ditto. Bleaching powder has not been in large request. It being in comparatively under supply, only prevents an actual decrease of ts value. Soda ash remains as per our last, and with a tendency to accumulate in stock at works."

Advertisements.

WANTED.—SITUATION AS MACHINE-turnish best of references. Address J. Y., office Paper Trade Journal.

W ANTED.—A PERSON WHO HAS HAD EXperience in the manufacture of Tar, Trunk, and the better grades of Binders' Boards, in Winter as well as in Summer. Must come well recommended by past or present employers as to their ability to take entire charge of a mill, and run it successfully and keep the same in order; also, as to their honesty and sobriety. Apply only by mall in own handwriting, giving age, experience, reference, salary (or percentage of profits) expected, and state where you have been employed, and in what sapacity. Married man preferred. Address J. FRED. SHEEDER, Kimberton, Pa.

WANTED.—One first-class Fourdrinier Machine tender for 86-inch machine; must thoroughly understand running large machine; must be married and not over thirty-five years of age. Do not come, but send address, with references. Address,

BATAVIA PAPER MFG. CO., Batavia, Ill.

OPPORTUNITY,—A man of experience and a thorough knowledge of Paper making in all its details, accustomed to the management of large mills, would like a situation as Superintendent in a small or medium sized mill, on Book or fine Manillas. onomy and faithful management would secure a moderate salary. Address,
"EXPERT," Care this Paper.

FOR SALE CHEAP.

S^{IX} second-hand Beater Engines, with 44-inch bar; roll #2 inches diameter, and 9-inch spindle; also, four Washer Engines, with 48-inch bar; roll 44 inches ter and 10-inch spindle.

E. D. JONES, Pittsfield, Mass.

PAPER MACHINERY.

PAPER MILL, At New Hampton, Orange County, New York,

FOR SALE OR TO LET. separately or together, and cheap. Apply to N. & M. NILES, 14 Wall street, New York.

Paper Mill for Sale PERTH AMBOY, N. J.

Containing one 72-inch Single Cylinder Machine, Five Dryers, 36 inches; three Mashers, 300 pounds each, and one Kingsland Engine; one 50-horse power Engine to drive the Mill, and one 30-horse power for the Machine, two Steam Pumps, two Boilers, ample supply of water, and has its own dock frontage. The whole in perfect order, is now running, and for sale cheap. Satisfactory reasons can be given for discon-tinuing the business by the present owners.

J. C. M., P. O. Box 28, New York City, N. Y.

CABOT, BOWLES & CO.,

New York,

Jute Butts, Bagging & Rope

Our facilities for buying or importing are unex celled.

The large business we do enables us to make the best possible arrangements for freight. We claim credit for having Butts put in special class.

Chemical Broker,

NO. 36 BATTERYMARCH ST., BOSTON, MASS. P. O. Box 811.

BODA ASH,
BLEACHING POWDERS,
SAL SODA,
HYPOSULPHITE OF SODA,
CAUSTIC SODA, &c

AGENT
McNamee's "Excelsior" South Carolina Clay,
"Elephant" Aluminous Cake,
and "Crescent Felts,"
and for the

Androscoggin Pulp Company,

WOOD PULP.

FITZGIBBONS, MESSER & CO.,

Agents for Manufacturers of

Straw Boards and Lining Papers. Straw Boards Lined to order. Paper Box Makers'

Machinery. All Sizes and Numbers on hand or made to order with dispatch.

CONLEY'S

Mill and Machinery Agency.

FOR THE PURCHASE, SALE, OR EX-CHANGE of PAPER' COTTON, WOOL-EN, GRIST and OTHER MILLS ALSO, MACHINERY, MILL SITES and PRIVILEGES.

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

Parties having any kind of Machinery of Mill Property which they desire to sell, will please send a list and description of the same to the undersigned, who offers for sale a large line of Paper Making Machinery and Mills, including the following: One 62-in., one 42-in. and one 36-in. Fourdrinier Machine.

Machine.
One 36-in., sue 42-in., one 48-in., one 52-in., and
wo 62-in. Cylinder Machines.
One 62-in. Wet Machine, complete from stuff chest

to press.

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

and nearly new, used in drying animal-sized writing papers.

Three Hydraulic Presses—one 32×50 platen, 8 in. piston, 646 feet opening; two 36×48 platen, 10 in. piston, 6 to 10 feet opening.

Six Chilled Calender Roils, 12 in. diameter, 28 in. long on face.

Five stacks Super-calenders—one six rolls, 26-in. face; one six rolls, 24-in. face; one five rolls, 24-in. face.

One stack of six Super Calenders, 31-in. face.
Four stacks of Straw Board Calenders, from 30-in. to 40-in. face.
One stack Chilled Calenders for boards; two rolls, 40×16 in.

Two Rag Cutters, two Rope Cutters, one Cane Cut-

O's land Cutters, two Rope Cutters, one Cane Cutter, one Wood Chopping Machine.
One 300 H. P., two-cylinder Engine, cylinders, 22 × 36, prime order; one 50 H. P. Engine, cylinder, 14 × 30, Chubbuck's pat. packing; four two-flue Bollers, 24 and 25 feet long; five 45 H. P., Tubular Bollers; cane 40 H. P. Green Engine, cylinder, 12 × 36; 35 H. P. J. M. Poole & Co. Engine, cylinder, 12 × 18; 30 H. P. Corliss Engine, 10 × 34; three Baxter Engines—10 H. P., 6 H. P., and 4 H. P.; one 3 H. P. Roper Caloric Engine.

d. m. roose & Co. Engine, Cylinder, Ex 18; 30 H. P. Corliss Engine, 10 ×24; three Baxter Engines—10 H. P., 6 H. P., and 4 H. P.; one 3 H. P. Roper Caloric Engine.

One Waters' Feed-water Heater will supply a 55 H. P. Boiler.

One No. 1 Wright's Plumper Pumps; one No. 4 Bagley & Sewall Rotary Plump; two Holly Fire Pumps; two Rotary Fire Pumps; one No. 10 Heald & Sisco: one No. 6 Heald & Sisco: one No. 6 Heald & Sisco: one No. 6 Heald & Sisco: one No. 5 Holly Pump.

One Rice, Barton & Fales Centrifugal Pump; one No. 5 Holly Pump.

One Rice, Barton & Fales Centrifugal Pump; one No. 5 Holly Pump.

One Rice, Barton & Fales Centrifugal Pump; one No. 5 Holly Pump.

One Rice, Barton & Fales Centrifugal Pump; one No. 5 Holly Pump.

One large Steam Pump (G. H. Dean & Co.); one 8-in. (Watson) Brass Pump for Artesian well, with 275 feet-of rubber-lined pipe and all fixtures; cost, \$3,700; is nearly new, and will be sold cheap.

One No. 4 Blake Boiler Feed Pump.

Two Devil Dusters.

Two 48-in., one 54-in. one 63-in. and one 84-in. Pager Cutters; one 62-in. Hatch Cutter; one 62-in. Stop Cutter, built by Smith & Winchester.

One Gould Patent Engine.

One Standing Press, with gun-metal screw, plate 84 in. by 48 in.; one Screw Paper Press, screw 8 feet long, follower 31 × 60.

Twelve Cutting Presses, trom 27 in. to 48 in. wide. One Holyoke Frimming Press.

Four Making Cylinders—one, 30 × 62; one, 25 × 56; one, 28 × 56; and one, 30 × 72, nearly new.

Two 80 in. Case Water-Wheel Governors.

Two Bould Water-Wheel Governors.

Two Hartford Governors: nearly new.

Two Sin: Also, forty We heels; fron Spools, 2 in. by 38 in. also, forty We heels; from Spools, 2 in. by 38 in. also, forty We heels; from Spools, 2 in. by 38 in. also, forty We heels; from Spools, 2 in. by 38 in. also, forty We heels; from Spools, 2 in. by 38 in. also, forty We heels; from Spools, 2 in. by 38 in. also, forty We heels; from Spools, 2 in. by 38 in. also, forty We heels; from Spools, 3 in. by 38 in. also, forty We heels; from Spools, 5 in. by 30 in. Green Spoo

Copper Kettle, 425 gallons, 4 feet diameter, 4½ feet high; good as new.
One full set Paper Collar Machinery; capacity 50,600 to 100,000 collars per day.
Two Morris and one Copeland Power Elevators; capacities, 3,000, 2,000 and 1,000 pounds respectively.
Ten Printing Presses, different sizes.
Lot of 12-in and 8-in. Cast Iron Water Pipe; also, lot of Wrought Iron Steam Pipe, 3½, 2, 1½, 1, and ¾-in. diameter.

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

Address

JAMES M. FITZGERALD & CO., Manilla, Wrapping and Tissue Papers,

Binders' Boards, Twine. Burlaps, &c. PAPER STOCK, 137 South Fifth Avenue, New York.

PETER HERDER, Paper Warehouse.

Fine Manillas, Pure Rope, Bag and Tag, Book and News Paper, Mailing Paper.

ALL KINDS OF PAPER MADE TO ORDER'AT SHORT NOTICE.

NO. 9 SPRUCE ST., NEW YORK.

A.H.GERE&Co. 73 Walnut Street, Cincinnati,

Dealers in Paper-Mill Supplies. We keep constantly on hand a full stock of all Dye Stuff and Chemicals used by Paper Manufacturers, all of which we guarantee to be strictly pure and at

ROB'T WETHERILL & Co., Chester, Pa.



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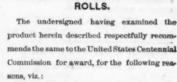
Boiler Makers.

SHAFTING AND GEARING.

LOBDELL CAR WHEEL COMPANY,

WILMINGTON, DEL.

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



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

(Signed) JAMES M. WILCOX,

Signature of the Judge.

ALSO MANUFACTURERS OF ROLLS CHILLED

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

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



KNIVES FOR PAPER MIL

Paper Cutting Machinery. PAPER MILL FLY BARS AND BED PLATES.

RAG CUTTER AND TRIMMING KNIVES. LARGE AND DIFFICULT KNIVES A SPECIALTY.

All Work Fully Warranted in Every Respect. Send for Cuts of our

IMPROVED ANGLE BED PLATE, THE BEST BEATING PLATE IN USE.

TAYLOR & CORSER,

Riegelsville, Warren Co., N. J. F. S. TAYLOR, G. A. CORSER,

TAYLOR, STILES & Co., Musconetcong, N.J. A. HANKEY & CO., Rochdale, Mass.



BELT HOOKS The Best Metallic Belt Hook in the Market for

LEATHER OR RUBBER BELTS These Hooks have been thoroughly tried fa-eight years in all places—in Machine Shops. Cotton, Woolen and Paper Mills—and all who use them admit that they are the best ad-cheapest fastening in use, taking into accoun-the durability of the Hook, wear and tear, and time in mending belts.

WALTER O. TALCOTT,

Successor to GREENLEAF WILSON,

Box 630, Providence, R. I.

"STANDARD" PIPE COVERING

Patented September 25, 1877.

LIGHT, EFFECTIVE, DURABLE.

Not affected by Heat, Water, Acid or Alkali. Especially adapted for use in Paper Mills, &c. A perfect Non-Conductor of Heat.

ondence solicited, and information cheer fully given. For Circulars, Testimonials, &c., address

Domestic Refrigerator & Pipe Covering Co., 430 WALNUT ST., PHILA.

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

PIQUA

Paper Makers' FOURDRINIER FELTS. Coarse and Fine

CYLINDER WET FELTS.

Press Felts and Jacketing,

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

To the Editor of The Journal:

Much has been said in former numbers of The Journal:

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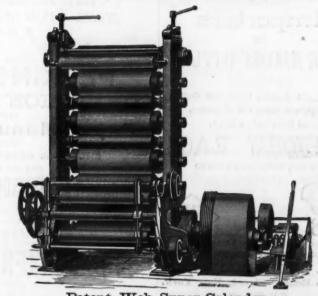
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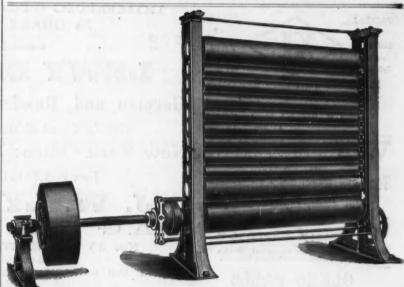
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