

TO CORRESPONDENTS.

"J. B. of Ohio."—Gatchel has a patent hydraulic ram, but we have not his claim before us.

"T. S. W. of Mass."—L. M. of Mass. has been here and employed a mechanic from Brooklyn.

"H. C. C. of Penn."—Iron pipes are the best for heating apartments by steam, but the waste steam from your engine will be found inadequate for your purpose.

"W. Z. of Ill."—We have answered you by letter a long time ago; also B. & C. of Ind. stating that the price of the engine would be \$600 all complete, directed to V. D. H., but have got no answer.

"A. C. of Geo."—We shall have something for you on Quills next week.

"J. B. and M. S."—There is nothing new about your wheel. The only thing you could patent is the manner of fitting the spout, and it is doubtful whether that is not already in use.

"J. E. J. of Ia."—Cement for floors is made with lime and pitch, or coal tar. In some districts where limestone occurs along with bitumen, it is dried, ground, sifted and then mixed with melted pitch.

"J. B. of Ill."—We shall notice your request next week.

"R. McR. of Ala."—We have forwarded your letter to Mr. Howell, as directed.

"N. P. H. of Ky."—We do not know the price of the carding and burr machines. You will see the process for superseding the use of oil in another page.

"C. K. of Ohio."—We are sorry you did not employ us to secure your Patent in the first place. You would then have saved twenty or thirty dollars.

"Z. P. of Penn."—We have just received your letter.

"Atlantic Steam Navigation."—The difference of time between a vessel crossing the Atlantic in 10 days with the engines performing at 120 and another at 132, would be 9 days and 4 hours for the latter, as performing one-twelfth faster; but allowing the increase of resistance for the increase of speed, the gain would only be 18 hours and 48 minutes, counting the resistance as one-tenth.

"Orange County," should have sent us his real name, but we assure him that he can satisfy himself for two shillings, by getting a tinsmith to make a tube for his experiment upon an eighth of an inch scale.

"will a pipe one hundred feet long empty a pond 30 feet deep with the outer end of said pipe higher than the end in the pond," we would have understood him at once. It will not. It is a syphon principle.

Spoke Machines.

We wish to know whether there are any machines in operation in any part of our country that turns out spokes for carriages, &c. Also what it or they can do—their capacity, price, &c.

Barry's Tricopherous.

We have before alluded to this article for beautifying the hair, and we again repeat that it is the only compound we have ever tried for eradicating dandruff from the head that proved successful.

We are indebted to the Hon. J. A. Dix for Congressional documents.

Advertisements.

This paper circulates in every State in the Union, and is seen principally by mechanics and manufacturers. Hence it may be considered the best medium of advertising, for those who import or manufacture machinery, mechanics tools, or such wares and materials as are generally used by those classes.

Table with 2 columns: Description of ad space and Price. Includes rates for one square, two do., three do., one month, three do., six do., and twelve do.

TERMS:—CASH IN ADVANCE.

GENERAL AGENTS

FOR THE SCIENTIFIC AMERICAN. New York City, Geo. Dexter. Boston, Messrs. Hotchkiss & Co. Philadelphia, Stokes & Brothman.

LOCAL AGENTS.

Albany, Peter Cook. Andover, Mass., E. A. Russell. Baltimore, Md., S. Sands. Bermuda Islands, Washington & Co. Cabotville, Mass., E. F. Brown. Concord, N. H., Rufus Merrill. Dover, N. H., D. L. Norrie. Fall River, Mass., Pope & Chace. Hartford, Ct., E. H. Bowers. Houston, Texas, J. W. Cores & Co. Jamestown, N. Y., E. Bishop. Lynn, Mass., J. E. F. Marsh. Middletown, Ct., Wm. Woodward. Norwich, Ct., Safford & Parks. New Haven, Ct., E. Downes. New Bedford, Mass., S. F. Hoyt. Newburg, N. Y., S. A. White. Newark, N. J., J. L. Agens. Newark, N. J., Robert Kishaw. New Orleans, La., J. C. Morgan. Providence, R. I., H. & J. S. Row. Rochester, N. Y., D. W. Dewey. Springfield, Mass., Wm. B. Brockert. Salem, Mass., L. Chandler. Saco, Me., Isaac Crooker. Savannah, Geo., John Cuthbert. Syracuse, N. Y., W. L. Palmer. Troy, N. Y., A. Smith. Taunton, Mass., W. P. Seavey. Utica, N. Y., W. H. Canniff. Williamsburgh, J. C. Gander. Webster, Mass., J. M. Shumway.

CITY CARRIERS.

CLARK SELLECK, SQUIRE SELLECK.

Persons residing in the city or Brooklyn, can have the paper left at their residences regularly, by sending their address to the office, 128 Fulton st., 2d floor.

T. J. WELLS,

MILLWRIGHT AND MACHINIST, Foot of 29th Street, N. R. New York.

Manufacturer of all kinds of Saw Mill Machinery, such as Straight Saws with Carriage Veneer, Scroll, Slitting, Circular, &c.; also, Shafting, Gearing and other machinery. My Patent Improved Slitting Saw Mill, for slitting Boards, Plank, &c., may be seen in operation at the above—where all Planing, Sawing and Turning is done in the best manner and on the most reasonable terms.

Telescope for Sale.

A good 66 inch Reflector, 5 inch aperture, of good construction, with Equatorial Stand, Eight eye pieces and Micrometer. For sale cheap, by G. D. HISCOX, 31 Jay st. N. Y.

Judson's Stave Dressing Machine.

THIS Machine, on which Letters Patent were granted May 1st, 1847, has been in successful operation for the past year, and hundreds of thousands of staves have been dressed by it.

Large quantities of Hogsheds and Shooks made with staves dressed and jointed with their machines have been sold and used to the entire satisfaction of the purchasers. For rights and machines address the proprietors at their Manufactory, Artizan street, New Haven, Connecticut, where machines in full operation may be seen. JUDSON & PARDEE, New Haven, July 17, 1848.

To Cotton Manufacturers.

THE Subscriber will furnish Cotton Manufacturers with his improved Cotton Willow. The fact of its being introduced into most of the best mills in New England is the best proof of its excellence. It is extremely simple in its construction and will do more and better work with a less expenditure of power than any other Willow; it prepares the cotton much better than any other that there is much less power and repairs needed on the succeeding machinery. It is as safe from fire as a Card, and its form and action are such as to draw all the flyings and dirt from the journals; it will convey the cotton to any desirable distance short of 250 feet. It can be placed in the basement of a mill or other place nearly worthless for other manufacturing purposes, and will blow the cotton into the rooms above. All necessary information given for placing and operating the machine in any peculiar or difficult situation. EDMUND BACON, Superintendent Quinebaug Manufacturing Co. 124 St. Norwich, Conn.

Patent Agency.

THE undersigned having established permanent agencies in England, Ireland, Scotland, France and Belgium (with the leading manufacturers and inventors of which countries he is personally acquainted), is enabled to transact all business entrusted to his care with perfect safety and dispatch; and such is the integrity, energy and legal ability of our agents, that the patentee is, in ninety-nine cases out of a hundred, sure to reap a rich harvest from any invention which passes through our hands. Since the first of March last we have sold three patents in Great Britain for \$17,580, and five in France for 38,000 francs. For integrity, the undersigned refers to:—Horace Greeley, Esq. Tribune Buildings, New York. CLINTON G. GILROY, All letters must be post paid, and addressed to Clinton G. Gilroy, 71 Nassau st. New York. jyl 3m*

Coal.

THE Subscriber has constantly for sale by the cargo or ton all sizes of Coal for MANUFACTURERS and FAMILIES, from the best Schuylkill and Lehigh mines. Hazleton and Spring Mountain, lump and teamboat Coal. Tamaqua Chesnut for engines.—Peach Orchard and other red ash Coal. Middlethian, Virginia, a superior article for smith's use. Cumberland, Sidney and Liverpool Coal. For sale at the lowest market prices. J. P. OSTROM, au5 3m* corner 10th Avenue and 26th st.

To Manufacturers.

THE Subscriber has just arrived from England, and is desirous of obtaining a situation in a cotton manufactory to superintend either spinning, doubling or warping operations. He is practically acquainted with spinning and doubling in their various branches, and with fancy and plain warping, and has not only superintended spinning operations, &c. but has manufactured himself. He has recommendations from most influential and respectable persons in England, both as it respects character and qualifications, and will be happy to fill any situation relative to the above manufacturing operations. The most satisfactory evidence will be given to manufacturers who are desirous of obtaining an agent or superintendent. Address "Atkinson," Paterson, New Jersey. au5 2t*

TAFT'S PREMIUM LETTER COPYING PRESS.

THE Subscriber continues to manufacture his Premium Letter Presses, at Worcester, Mass., and respectfully informs his friends and the trade generally, that he keeps constantly on hand a large assortment, which he offers for sale at reduced prices. Orders by mail will be promptly attended to. G. C. TAFT, Worcester, Mass., April 11, 1848. au5 4f

Ballard's Improved Jack Screw.

THE advantages of this Screw for Stone Quarries, Railroads, Steam Boiler Builders, and for other purposes are superior to any other similar machine. The improvement consists in being able to use either end of the screw, as occasion requires. It is capable of raising the heaviest Locomotive with ease, being portable, strong and powerful, and not likely to get out of order. Many Railroad Companies and Boiler makers have them in use, by whom they are highly recommended. JACK SCREWS, Of various sizes, power and price, constantly on hand at the manufactory, No. 7 Eldridge street, near Division. m20 1f

STEAM BOILER.

BENTLEY'S Patent Tubular and other Boilers of any size, shape or power, made to order, by SAMUEL C. HILLS & CO. 43 Fulton st. au3

PREMIUM SLIDE LATHE.

THE subscriber is constantly building his improved Lathes of all sizes, from 7 to 30 feet long, and can execute orders at short notice. JAMES T. PERKINS, Hudson Machine Shop and Works, Hudson, N. Y. m11

Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS,

From 1 1/4 to 6 inches diameter, and any length, not exceeding 17 feet.

THESE Tubes are of the same quality and manufacture as those extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers. THOMAS PROSSER, Patentee, 28 Platt street, New York. d26

Johnson's Improved Shingle Machine.

THE Subscriber having received Letter Patent for an improvement in the Shingle Machine, is now ready to furnish them at short notice, and he would request all those who want a good machine for sawing shingles, to call on him and examine the improvements he has made, as one night more shingles can be sawed in the same given time than by any other machine now in use. August, Maine, Oct. 1, 1847. J. G. JOHNSON.

GENERAL PATENT AGENCY. REMOVED.

THE SUBSCRIBER has removed his Patent Agency from 189 Water to 43 Fulton street. The object of this Agency is to enable inventors to realize something for their inventions, either by the sale of Patent Goods or Patent Rights. Charges moderate, and no charge will be made until the inventor realizes something from his invention. Letters Patent will be secured upon moderate terms. Applications can be made to the undersigned, personally or by letter post paid. SAMUEL C. HILLS, Patent Agent.

Johnson & Robbins, Consulting Engineers and Counsellors for Patentees.

Office on F street, opposite Patent Office, Washington, D. C. j17 1f



The above is prepared to execute all orders at the shortest notice and on the most reasonable terms.

To Mill Owners.

HAVILAND & TUTTLE'S Patent Centre Vent Pressure Water Wheel.—These wheels are now in successful operation in many towns in Maine, Massachusetts, and Rhode Island, and are found to surpass in power and facility of adaptation any water wheel now in use. This wheel was awarded the silver medal at the Fair of the American Institute recently held in New York and a diploma at the Mechanics' Fair in Boston. The wheels are manufactured and for sale by the FULTON IRON FOUNDRY CO., South Boston, Mass.,—where the wheels can be seen and any information concerning them had. Patent Rights for different States, Counties, &c. for sale, as above. m25 6m*

Machinery.

PERSONS residing in any part of the United States who are in want of Machines, Engines, Lathes, or any description of MACHINERY, can have their orders promptly executed by addressing the Publishers of this paper. From an extensive acquaintance among the principal machinists and a long experience in mechanical matters they have uncommon facilities for the selection of the best machinery and will faithfully attend to any business entrusted to their care. MUNN & CO. a15

LAW'S

STAVE DRESSER AND JOINTER.

THE undersigned has perfected and put into very successful operation his Stave Machine. It will Dress and Joint Staves of all shapes, kinds and dimensions, and of promiscuous widths, as they come from a mixed pile, at the rate of from 6 to 8 staves per minute, finishing them, before they leave the machine, ready for the truss hoop. They are both dressed and jointed very smoothly and handsomely, bringing each stave of equal width at the two ends without waste of stock and perfectly to correspond with very twist or crook, and with as little power in proportion to the work done, as any other machine. For rights (which are indisputable,) or machines, address, post paid. H. LAW, Wilmington, N. C. N. B. A machine will be in operation in New York or vicinity, in the course of the ensuing month. jyl 5 2m

Stave Dressing Machine.

THE undersigned are manufacturing and have now in operation, a machine for Dressing (lived) Staves, which will dress 126 hoghead or 170 barrel staves per hour, with ONE HORSE POWER, and with TWO HORSES WILL DOUBLE THE NUMBER. It will dress crooked and winding staves to perfection, and leave the full thickness on those with thin edge, a desideratum worthy of attention. The machine is simple, compact and durable, and has received the approval of every practical Cooper that has witnessed its operations. We warrant it to perform FULLY EQUAL to our representation and shall be pleased to exhibit it to all who may favor us with a call. For further description and terms, apply to WM & E. T. FITCH, 2d., New Haven, Conn., or GEO. GILBERT, Westville, N. H. Co., Conn. j3 3m*

TALBOT'S PATENT REVOLVING BLIND HINGE.

Important to Builders and others. THESE Hinges are for opening, closing, locking and completely regulating the blind upon the interior of the house without raising the sash. They are adapted to any kind of house, or style of finish. All communications, whether for the purchase of the article, or of Town, County or State rights, addressed to the subscriber, or to J. W. Ingell & Co., Taunton, Mass., will be promptly and satisfactorily attended to. L. T. TALBOT, Taunton, Mass. j3 1f

Agricultural Implements.

Inventors and Manufacturers of superior Agricultural Implements may find customers for their goods by applying at the Agricultural Warehouse of S. C. HILLS & CO. 43 Fulton st. au8