

TO CORRESPONDENTS.

"O. P. B. of Ill."—Of the many machines for making Brick now in use, Adams' is the best we know of. Nathaniel Adams, Canterbury, Orange Co. N. Y. is the inventor, from whom, by addressing him a letter, you can obtain every particular you may desire. His machines have been thoroughly tested. Much obliged for your exertions in our behalf.—Hope to receive your drawing soon. \$5, O. K.

"W. R. G. of N. Y."—A locomotive boiler combining all the requisites you desire will cost, for a 4 horse engine \$400; for a 6 horse engine \$600. Ordinary boilers can be had much less, but for the purpose you have in view uncommon care will be required in the construction.

"V. P. K. of N. Y."—At the place you speak of, they keep their machinery as secret as possible allowing no one to see it. No preparation is required that we are aware of beforehand, except the thorough drying of the article. Keep trying and you will hit the mark. You can get your Nos. bound and the missing ones supplied, by sending to us.

"E. J. C. of Miss."—Of all the metals Copper is the best conductor of Electricity and a lightning rod formed of small copper wires twisted together, forms the best protection for buildings. A conductor of this kind is almost as flexible as a rod; some contrivance is therefore necessary in order to make it stand erect above the building. For this purpose a common iron tube of a size sufficient to withstand the force of the wind is employed, through which the conductor is drawn and then soldered to a pointed cap of copper, the base of its cap being a little longer than the tube. The tube may be fastened up in any convenient manner. The conductor should be about three eighths of an inch in diameter, its lower end extending into the ground at least 4 feet. Conductors should project as high as possible from the chimnies. If a tree taller than the building stands near, a conductor should be placed thereon.

"N. S. of Boston."—We have delayed writing to you because we were expecting daily to receive the sample which you mention as sending to us by Adams & Co. The money was received and we have given you credit for the amount.

"T. H. L. of Mass."—It is very difficult to give the desired information as iron is a very sensitive metal. For wheels and such things, we know not how the real purified malleable iron can be dispensed with, yet we have been told that a little manganese and chalk does wonders—this we could not positively recommend, although on a small experiment it was successful.

"C. L. Y. of Ohio."—Ear trumpets can be made in this city. They are of great benefit. We will endeavor to tell you more about them.

"A. B. of Va."—We expect to hear from you soon.

"T. J. C. of Md."—The letter is now out of our possession and the name we cannot remember. It is a pity you did not write two months ago. The place of residence, however, is Niagara Falls.

"A. B. of Ohio."—The plan you describe has been several times tried, but as yet unsuccessfully. For ourselves, we think it cannot be made to operate.

U. S. Mail Steamships.

The U. S. Mail Steamships of the New York and Liverpool line, are in rapid progress of construction. They are to be five in number, and the proprietors and agents of the line, Messrs. Collins & Co., have selected Oceanic names for their Ocean Steamers. They are to be called the Atlantic the Pacific, the Arctic, the Adriatic and the Baltic. The first two will be launched about the 1st of December, and two others in time to keep up the line. They are to be of about 2,900 tons each, and built in the best manner and with all the improvements which experience both at home and abroad have suggested. We expect from these to compete successfully with the Royal Mail Line.

Pictorial National Society.

This cheap and popular Magazine continues to thrive and is one of the best Monthlies with which we are acquainted. It is full of splendid wood Engravings representing American views, and is composed of 48 pages of

interesting reading matter printed on fine paper. Simonds and Co. Publishers, 12 School st. Boston; price \$2 per annum.

Palmer's Business Men's Almanac.

This is the best Almanac for 1849, that we have seen. Every working man and merchant should have one. Price 12½ cents, at the Tribune Buildings. There is a fund of information in it, not amusing, but what is better, instructive.

The Union for October.

A splendid number indeed is the October of the Union Magazine, and we take pleasure in calling the attention of our friends to it. "The better Morning" by Sadd, is a fine picture and worth a dollar of itself, besides it has five other plates that are but little inferior. Published at 142 Nassau st.

Agency Revoked.

In consequence of the non fulfilment of many promises made by one W. H. Caniff, of Utica, N. Y., Agent for the Scientific American, we hereby withdraw our Agency from him and request that no person will pay him any monies on our account.

Wanted—a local agent to fill the above station who will act honorably both to his subscribers and the publishers.

Advertisements.

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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

To Mill Owners.

HAVLAND & TUTTLE'S Patent Centre Wheel 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. 014 3m*

Those Hats

KNOX of 128 Fulton street, is on hand with his Autumn style of Hats, and as usual furnishes a little prettier shape, made of a little better material and for a much less price than many of his Broadway friends who boast of the superiority of their productions. The public won't swallow that gammon, gentlemen, and you had better put your prices down to Knox's standard price, before he detracts all those regular customers from Broadway into Fulton st. 07

PECK'S PATENT VISE WITH FOOT LEVER.

THIS Vise is worked entirely by the foot and is admitted by all who have used them to be the best and, strength, saving of time and convenience considered, the cheapest Vise in use. For sale by QUINCY & DELAPIERE, 71 John st. New York; Geo. H. Gray & Co. Boston Curtis & Hand, Philadelphia; Way & Brothers, Hartford; and by the proprietor, J. S. GRIFFING, New Haven; Ct. 07 2m*

HOW TO OBTAIN THE PREMIUM.

THE Subscriber would respectfully inform all persons having articles exhibiting at the FAIR, that he is prepared to execute engravings on wood for circulars, &c. at the shortest notice, and on the most reasonable terms. Particular attention given to engravings of Machinery, Stoves, Buildings, &c. WARREN G. BUTLER, 43 Fulton street, cor. Cliff. 07

The Best Patent Agency in the United States.

THE subscribers would respectfully give notice that they still continue to attend to Patent Office business as usual. The long experience they have had in securing patents, together with their unrivalled facilities, enables them to say that THE BEST PATENT AGENCY, in the United States, IS AT THE OFFICE OF THE SCIENTIFIC AMERICAN, New York. It is not necessary, as commonly supposed, for an inventor to make a journey to Washington in person, in order to secure a Patent, as he cannot in any manner hasten the Patent or make his invention more secure. Any business connected with the Patent Office may be done by letter, through the SCIENTIFIC AMERICAN OFFICE, with the same facility and certainty as though the inventor came in person. From a want of knowledge on this point, applicants for patents are often obliged to submit to great vexation, with loss of much money and time. They also frequently fall into the hands of designing persons, and lose their inventions as well as money. Those who wish to take out Patents or enter Caveats, should by all means have the business transacted through the SCIENTIFIC AMERICAN OFFICE, as they may then rely upon its being done in a straight forward and prompt manner, on the very lowest terms. All letters must be Post Paid and directed to MUNN & CO., Publishers of the Scientific American, 128 Fulton street, New York. 59

The largest, best and cheapest Dictionary in the English language, is confessedly WEBSTER'S,

the entire work, unabridged, in 1 vol. Crown Quarto, 1452 pp. with portrait of the author, revised by Professor Goodrich, of Yale College. Price, \$6.

"The most COMPLETE, ACCURATE, and RELIABLE Dictionary of the Language," is the recent testimony given to this work by many Presidents of Colleges, and other distinguished literary men throughout the country.

Containing three times the amount of matter of any other English Dictionary compiled in this country, or any Abridgment of this work, yet

"Its definitions are models of condensation and purity. The most complete work of the kind that any nation can boast of."—HON. WM. B. CALHOUN.

"We rejoice that it bids fair to become the standard Dictionary to be used by the numerous millions of people who are to inhabit the United States."—Signed by 104 members of Congress.

Published by G. & C. MERRIAM, Springfield, Mass., and for sale by all booksellers. s23 2m*

Morse's Air Distributor,

For Burning Saw Dust or Tan instead of Wood for running Steam Engines.

STEAM SAW MILLS are now running and have all the heat they require, from the saw dust and bark, saving the slabs and cord wood heretofore used. Tanneries also by this air distributor, have all the fuel they want by burning the tan. The saving is a great one, and the expense of the arrangement trifling, compared to the advantages.

The undersigned has the exclusive right to vend, use, and manufacture "Morse's Air Distributor," in the state of New York, to whom application may be made.

Infringements on this patent will be prosecuted, and the rights secured by the letters patent rigidly enforced. Lockport, 8th mo. 28, 1848. L. A. SPALDING. CERTIFICATE.

LOCKPORT, N. Y. Sept. 18, 1848

I hereby certify that I have one of Morse & Brother's Air Distributors, in my Steam Saw Mill at this place. My fire place is 11 feet by four feet 9 inches, under 3 flue Boilers, 12 feet long by 40 inches diameter. I have 2 engines, the cylinders are, one of 12 and one of 10 inch diameter, and 2 feet stroke. The sawdust, bark and chips from the oak plank I am sawing (without any cord wood or slabs) is all sufficient for driving my two Gang saws for plank, and five gang of Saws for sawing stone.

I have a superior chimney. The draft is perfect. My engineer and Firemen say, they get up steam in about half the time they formerly took. To me the saving is great—any one can calculate for himself. GEO. REYNALD.

To L. A. SPALDING. We have been running a Steam Engine for some years, to propel machinery for driving a tannery with a large bark Mill, two sets heavy Hide Mills, four Pumps, one Roller, two Last Machines for Turning Lasts, two Machines for finishing Lasts, and one Circular Saw for sawing timber—the Engine supposed to be fourteen horse power—in which we used two cords of wood (hard) per day. Thirty-three days ago to-day we were induced to try Morse's Patent Grates, or Air Distributor, and to our entire satisfaction. We find a saving of at least 4 dollars per day in using Tan. We find no trouble in raising all the Steam we want, with Tan. Since we have put in your Patent Burner, we have not used a stick of wood, and we cheerfully recommend them to any, and to all who wish to save wood, where Saw-dust, Tan or coal may be used. N. CASE & CO. Buffalo, June 19, 1848. s23 4t

THE WEST STREET FOUNDRY, corner of Beach and West streets, will furnish at the shortest notice, Steam Engines and Boilers in all their varieties, and on the most reasonable terms, together with castings of brass or iron, and machinery in general. Orders attended to with dispatch, and particular attention given to repairing. JOSEPH E. COFFEE, AGENT.

Steam Boats, Engines, Machinery, &c. bought and sold on commission—apply as above. s23 3mo

TALBOT'S PATENT BLIND HINGE. THE undersigned having become interested in the manufacture and sale of the above article, would state that their facilities are such, that they can supply any demand at short notice. This hinge, having stood the test of two years trial, has fully established itself as a useful and important invention, being all that can be desired for blind trimmings, as the blind is managed entirely from the inside of the house without raising the sash, COMPLETELY locks it, and prevents all unpleasant noise of the blind by wind. American Window Trimming Company, Taunton, Mass. Address GEO. GODFREY, Agent A. W. T. Co. s23 3m

POWER TO LET—RARE CHANCE. THREE rooms, 40 feet square, one room 60 by 40 feet, 2d floor, power from engine, 25 in. cylinder, 4 1-2 feet stroke. Let together or in parts. Apply at West street Foundry, corner of Beach and West streets. s23 3m

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. It is warranted to dress the same quantity of staves with as little power as any that can be started, also leave the full thickness on thin edges and thin ends, and conform as near to the crooks and twists of the timber as can be desired. The jointing of the machine which accompanies it, has been subjected to the severest test, and pronounced superior to that performed by hand. Application for a patent on the Jointer has been made.

Large quantities of Hogheads 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. jy29 3m*

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. aus SAMUEL C. HILLS, Patent Agent.

Johnson & Robbins,

Consulting Engineers and Counsellors for Patentees. Office on F street, opposite Patent Office, Washington, D. C. j17 4t

Saws.

LEAVITT & M'DANIEL, Concord, N. H., make of the best cast steel the following Saws:—

Circular, Mill, Tennon, Cross-cut, Fellow and Veneering Saws. Also, Turning and Billet Webs, and Butcher's Bow Saws. No saws ever made equal to their cast steel Mill Saws. The trade supplied on liberal terms. s23 2m*



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FOR TURNING LATHES

For sale by the Manufacturer's Agents,

QUINCY & DEALA

PIERRE, 81 John street New York. s2 3m*

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THE Subscriber has constantly for sale by the cargo or ten all sizes of Coal for MANUFACTURERS and FAMILIES, from the best Schuylkill and Lehigh mines. Hazleton and Spring Mountain, lump and steamboat Coal. Tamaqua Chestnut for engines.—Peach Orchard and other red ash Coal. Midlothian, 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.

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 Iron Works, m11 Hudson, N. Y.

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

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



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

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

TO IRON FOUNDERS.

Pulverized bituminous, or sea-coal Facing, an approved article for mixing with moulding sand to make the sand leave the castings easily. Also fine bolted charcoal and anthracite coal dust, soapstone, and black lead on hand in barrels, and for sale by G. O. ROBERTSON, s23 4t* Importer, 283 West 17th street, N. Y.

STEAM BOILER.

BENTLEY'S Patent Tubular and other Boilers of any size, shape or power, made to order, by SAMUEL C. HILLS & CO. au8 43 Fulton st.