

**TO CORRESPONDENTS.**

"J. B. of N. Y."—We will endeavor to give you all the information we can on the Sand, if there is anything new.

"F. H. W. of Geo."—There are so many different kinds of varnish, that it is not possible to tell which you mean. The fact is that varnish dries fast, just in proportion to the volatile nature of the liquid that dissolves the substance of the varnish. Chloroform has been found to make the quickest drying for all varnishes, for it evaporates in a very short time. Ether is good to dry varnish also. But these are too high priced for common use. It is not possible to combine all good qualities in one article.

"H. J. R. of Vt."—You must be a specimen of the real "Live Yankee" and no mistake. We have heard of one of them, who introduced green spectacles into England for the purpose of making their horses eat pine shavings, but we confess that you are far in advance of this genius, however we are glad to hear from you. If you visit the city next fall you must certainly call and see us. Thank you for the list of subscribers.

"M. T. A. of Mass."—The improvements which you have made in the Steam Governor are not clearly understood by us. It will be necessary, if you wish our opinion upon the subject, to make a drawing of the machine, and explain it to us by letters of reference.—The price of the papers referred to, will be \$1.50.

"J. D. of Ohio."—Your letter in regard to Mr. Kase's pump has been received, and forwarded to Mr. Kase with a request that he would attend to it as we had no knowledge of the price of his pumps.

"O. H. S. of Ohio."—Your letter of the 12th inst. has been received and the remarks carefully noted. Before we can advise you farther in the matter we shall require a model representing the entire combination used in the process, or a clear drawing of all the important points in the invention. In your former letter you referred to "machinery for the purpose" and we inferred that it must include other mechanical arrangements, besides the one shown in the drawing. The mere matter of the "Kettle" would constitute the subject of a patent if it was novel and different from any other in use. We could file a caveat, if you could send us a drawing and the fee \$20.

"E. A. D. of N. Y."—Your letter has been received. The method we should think best for you to adopt, is for you to come to this city and have a complete working model made, and then introduce it to the attention of the shippers and naval officers. We know of no better plan by which the merits of your invention can be ascertained, and made public.

"S. S. R. of Tenn."—Your letter containing \$50, has been received, and as soon as your model reaches us, we shall write you.—Your matters will be strictly confidential, and receive our earliest attention.

"W. M. of Geo."—The price of Leonard's Mechanical Principia is \$1.50, the Key is not yet published.

"J. B. A. of S. C."—Your communication of the 16th inst. will be attended to by Mail in a few days. \$2 received.

"J. T. H. of Baltimore."—We should think that your improvement on the Seraphino was new, but we cannot judge so well, unless we can see the construction represented in a model. We are not prepared to judge of its mercantile value, this depends altogether upon how a patent is managed.

"L. E. S. of Pa."—Your papers have been forwarded to the office. The cost of the matter referred to in yours of the 17th, will be \$8.

"W. H. S. N. Y."—The law is very explicit upon the point you refer to. It says that all patentees and assignees of patents granted, are required to stamp or engrave, on each article offered for sale, the date of the patent and if they neglect to do so, they shall be liable to a penalty of not less than \$100, with costs. Any person marking the word "patent," "letters patent," or "patentee," or any words of like kind or meaning, upon any unpatented article, shall be liable to the same penalty.

"P. W. S. of Ala."—We can furnish you a 10 horse power Engine with Cylinder Boiler,

warranted in every particular for \$1050. It can be shipped in one week after the receipt of a draft for the amount. The necessary information for putting up will be furnished by the Engineers.

"S. G. of N. Y." "E. B. W. and H. N. F. of N. H."—Your specifications have been forwarded for signature since our last. Please return them as early as possible.

"J. A. E. of Mass" "W. P. V. of Me." and "A. H. S. of Texas."—Your papers were forwarded to the Patent Office on the 24th inst.

Money received on account of Patent Office business since July 19:—

J. A. E. of Boston, \$30. S. S. R. of Tenn. \$50. D. V. of N. Y. \$25. W. P. V. of Me. \$10.

**Soft Soap.**

There is a man about the country selling receipts for making a new kind of soft soap, said to be patented. The Government must have been most confoundedly "soft soaped" to have given letters patent for such an article. When new it has the appearance of common soap; but in a few days it looks as much like old suds as anything else. We are informed by those who have tried it that its free use will rot the washing; also that it is not so new as is pretended the receipt having been seen not less than nine years ago. Here it is. "Take 14 pounds extra bar Soap, 4 ounces table Salt, 3 pounds Sal Soda, 1 1/2 pound pulverized Rosin, in 5 gallons soft water on a slow fire until the whole is dissolved, then put the same into a barrel and fill it up with cool soft water, add two ounces of Spirits of Turpentine and stir occasionally while cooling, the soap is then ready for use."

Those who buy this receipt and pay two dollars for an "individual right," unless they succeed better than our neighbors, will find this a capital article for shaving.—Essex Co. Democrat.

[All the patent on the above receipt is in the speculation.]

**Advertisements.**

**MECHANICS' FAIR.**

THE Salem Charitable Mechanic Association announces to the public, that their first Exhibition will be held at Mechanic Hall, in the city of Salem, commencing on Monday, September 24th, and continuing through the week.

We invite all to contribute in every department of industry which can in any way promote the comfort, convenience or improvement of mankind. We respectfully solicit the aid of Mechanics, Manufacturers, and Artists. Let them bring forward the products of the Loom and the Forge. All kinds of Machinery; every description of Tool and Implement. Articles of Wood, Stone, Metal, Glass, Leather, Wool, Cotton, Silk, Hemp and Flax, specimens of Printing, Statuary, Painting, Daguerro types, Engraving and Lithography. Articles of female ingenuity and taste will have a prominent place in the Exhibition.

The Annual Exhibition of the Essex Agricultural Society, and the Essex Institute, will take place in Salem during the week of our Fair. We trust that the Manufacturers of Agricultural Implements will bear this in mind, that we may have a good display of articles in this department. The Superintendent of the Fair will be entrusted with the care and management of every article sent for exhibition, and every facility will be given to show its useful purpose, its ingenious contrivance. Care will be taken to preserve them from injury; trustworthy men will be in attendance day and night; but all articles will be at the risk of the owners. Each contributor will be entitled to admission. Contributors are particularly and earnestly requested to send forward their goods in season. Articles intended for exhibition, will be received from the 1st to the 22d Sept. A check will be given for each article received, which must be presented when they are returned.

All Goods, Machinery, etc., intended for exhibition will be transported over the Railroads leading into the city, free of expense. Medals of silver, and Diplomas, will be awarded according to the merit of the articles exhibited.—Strict justice shall be adjudged to every contributor. Impartial men, possessing intelligence, and competent knowledge in each department of art, will be selected as Judges; those only will be appointed who are not competitors for premiums.

All communications in relation to the Fair, should be addressed (post paid,) to the Secretary of the Association.

ALBERT G. BROWNE, President, ELKANAH M. DALTON, Secretary.

**TURNING LATHE FOR SALE.**

WE have on hand a superior Lathe, well finished and entirely new, with all the modern improvements, centre and drill chucks, two face plates, 7 inch centres, 6 feet length of bed, with slide rest, &c., which we will put upon ship board for the low sum of \$125. Any person wishing the above machine can enclose a draft for the amount, and it will be shipped without delay.

Address MUNN & CO. jy28

**TO IRON FOUNDERS.**

FINE ground Sea Coal, an approved article to make the sand come off the Castings easily; fine bolted Charcoal Blacking; Lehigh Fine Dust, and Soapstone Dust for facing Stove Plates, &c. &c.; also, Black Lead Dust, for sale in Barrels, by GEORGE O. ROBERTSON, 208 West 17th st. New York. jy28 4moov\*

**Patent Agency.**

From our long acquaintance and experience in Patent Office business we have no hesitancy in asserting that we are better able to judge the merits of new inventions, and are better capable of advising upon all subjects pertaining to Patents than any other concern in the United States.

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 applied in person. Our prices too (another important consideration to inventors) are but about half as much as the charges of most agents as the amount of business which we do, and that in connection with the publication of the Scientific American renders to us superior advantage over all other agents.

Having been often complimented by those who have entrusted their business in our care, we here repeat what very many have said. "The best Patent Agency in the United States is at the Scientific American office."

All models, drawings or communications that are sent to the Scientific American office for inspection are deposited from the eyes of the public until the necessary application for securing the invention has been made.

The best of artists are constantly employed to make drawings from models and our corps of specification writers are composed of gentlemen formerly connected with the Patent office at Washington as Examiners.

All communications should be addressed to MUNN & CO. Scientific American Office. Post Paid. (dl6) New York.

**SOUTH WESTERN PATENT AGENCY.**

THE Subscriber has opened an Agency for the sale of patent rights, machinery, &c. of every description. My object is to enable inventors and manufacturers to realize the fullest advantage from their rights by introducing them into the vast West. All kinds of really good machinery and inventions are wanted, such as stove dressing, barrel making, morticing, sash, iron and wood turning, drilling, pressing and railroad machinery, as well as water wheels, windlasses, steam engines, cotton and woolen machinery, &c. To sell machines, &c. a model or machine will be needed; for patent rights a power of attorney will be requisite. My charges will be moderate, and energy used to forward sales. No charge will be made until some benefit is realized. Letters (Post Paid) will receive immediate attention.

References:—Geo. Higgins and Geo. J. Mankin, New York; S. Laffin, St. Louis; Hon. James H. Woodworth, Mayor of Chicago.

JOSEPH E. WARE, 65 Second st., St. Louis, Mo. a28 tf

**NOTICE.**

The Second EXHIBITION of the MARYLAND INSTITUTE for the Mechanic Arts, will be held at Washington Hall, in the City of Baltimore, from Thursday, 27th of September, to 13th October, inclusive. Machines, models, or goods sent to the address of H. Hazelhurst, Corresponding Secretary of the Institute, (expense paid) will be met with immediate attention, and every facility used to exhibit the same to the best advantage. j16 4m

**MORSE'S PATENT AIR DISTRIBUTOR.**

THIS improvement is a substitute for the common Grate, by which Tan, Sawdust or a like material will burn as freely as dry wood. It has been introduced in most of the Northern States into Steam Saw Mills and Tanneries with the most gratifying results. We are now prepared to furnish castings at reasonable prices at New York or Philadelphia. A model may be seen at the office of J. P. Morris & Co. Steam Engine Builders, Philadelphia, who are prepared to furnish castings at short notice.

Persons wishing to purchase territorial rights will address L. MORSE & BROTHERS, Patentees, j14 4t\* Athol, Mass.

Agents will take notice that the right for the states of New York, Pennsylvania, Maryland & Delaware have been sold L. M. & BROS. Athol, July 3, 1849.

**TO FOUNDRYMEN AND MACHINISTS.**

SOME persons who had obtained a knowledge of S. T. G. Bucklin's process (Patented May 8, 1849,) for treating Iron Castings, before it was patented, have attempted to sell it as a secret.

The patent embraces all possible modes of treating iron Castings with acids for the purpose of converting the surface "into Plumbago and then reducing them to the proper form and size."

I own the patent for the States of New Jersey, Pennsylvania, Delaware, Kentucky and Indiana.

If Foundrymen or Machinists want the invention they had better buy the right to use it of Warren Gale my only authorized agent to sell it, and not from him unless he can present the proper documents.

This process is now in general use in all the Eastern and some of the Western Cities.

Troy, N. Y. July 1849. R. BALL, jy21 3t\*

**NOTICE.**

We have constantly on hand and for sale: Minifie's Mechanical Drawing Book, bound in calf, \$3.00 Cook's Condensing Engine, Plate and Book, \$3.00 Leonard's Mechanical Principia, \$1.50 Scribner's Mechanics, \$1.50 Ewbank's Hydraulics and Mechanics, \$2.50 Morfitt's Chemical Manipulations, \$2.50 Ranlett's Architecture in numbers, each 50 Arnott's Gothic Architecture " " 25 Camera Lucida, " " \$6.00 j14 MUNN & CO.

**STEAM BOILER EXPLOSIONS.**

THE subscriber having been appointed sole agent for Faber's Magnetic Water Gauge, is now ready to supply the trade and individuals with this celebrated instrument. Besides the great safety from explosions, resulting from its use, it is a thorough check against careless stoking and feeding. In marine engines it will regulate the exact quantity required in the "blow-off." Pamphlets containing full information can be had free on application to the Agent, JOSEPH P. FIRSSON, j14 tf Civil Engineer, 5 Wall st. New York.

**FOREIGN PATENTS.**

PATENTS procured in GREAT BRITAIN and her colonies, also France, Belgium, Holland, &c. &c., with certainty and dispatch through special and responsible agents established, by, and connected only with this establishment. Patents containing a synopsis of Foreign Patent Laws, and information can be had gratis on application. JOSEPH P. FIRSSON, Civil Engineer, Offices 5 Wall st. New York. j14 tf

**SUPERIOR TURNING LATHES.**

JAMES STEWART, 15 Canal-st. and 106 Elm-st. is constantly manufacturing and has now on hand between 50 and 60 superior lathes of the following descriptions and at reasonable prices, namely: Dentist's Lathes, very highly finished.

Common Brass and Wood Turner's Lathes. Jeweller's and Pencil-case maker's very superior. J. STEWART is also authorized to act as agent for the sale of the celebrated Lathes manufactured by James T. Perkins of Hudson, of large size and at prices from \$250 to \$800. A specimen of this description may be seen at his factory as above. j27 tf

**BRITISH PATENTS.**

MESSRS. ROBERTSON AND CO.

PATENT SOLICITORS.

(Of which Firm Mr. J. C. Robertson, the Editor of the Mechanics Magazine from its commencement in 1833, is principal partner,) undertake

**The Procuration of Patents.**

For England, Scotland, Ireland, and all other European Countries, and the transaction, generally all business relating to patents.

Instructions to Inventors can be had gratis, on applying to Mr. THOMAS PROSSEK, 28 Platt Street New York; as also the necessary forms of Petition and Declaration for British Patents.

PATENT OFFICE 166 Fleet Street, London. m1 tf

**Z. C. Robbins,**

Consulting Engineer and Counsellor for Patentees.

Office on F street, opposite Patent Office, Washington, D. C. j20 tf

**Johnson's Improved Shingle Machine.**

THE Subscriber having received Letters 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 eighth more shingles can be sawed in the same given time than by any other machine now in use. Manufactured at Augusta, Me. and Albany, N. Y. J. G. JOHNSON, Augusta, Maine, Oct. 28, 1848. o28 ly

Messrs. Norcross & Co. No. 60 Nassau st. New York, are Agents for the sale of my Shingle Machines.

**E. NEVILLE, WOOD ENGRAVER.**

122 Fulton st. corner Nassau.

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

**TO PAINTERS, &c.**

QUARTERMAN'S Improved American Atomic Drier, adapted to all kinds of Paints and Painters' colors. Sold wholesale and retail, at 114 John st. New York. m19 3m\*

QUARTERMAN & SON-

**FAY & GULICK,**

Designers and Engravers on Wood, No. 80 Nassau street, Room No. 25. m12 tf

**Barlow & Payne,**

Patent Agents and Consulting Engineers, 89 Chancery Lane, London. m25 tf

**Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS,**

From 1 1/2 to 8 inches diameter.

THESE are the only Tubes of the same quality and manufacture as those so extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers. THOMAS PROSSEK, Patentee, 28 Platt-street, New York. m1

**TO INVENTORS.**

THE Subscriber begs leave to inform inventors and others that he manufactures working models of machinery &c. in a neat workmanlike manner. Patterns of every description made for Castings.—Scroll sawing neatly executed. Mathematical and Nautical Instrument Cases of every description. JOSEPH PECKOVER, 240 Water st. N. Y. j20 3m\* Between Beekman st. and Peck Slip.

**MARDEN'S IMPROVED BALANCE CURTAIN FIXTURES.—Patented Oct. 1848.**

FOR Sale wholesale, by J. A. D. Worcester, No. 43 Main st., near the City Square, and by the subscriber, GEORGE H. MARDEN, Charles-town Mass. j9 3m\*

**PATENT AGENCY.**

SAMUEL C. HILLS, No. 43 Fulton street, N. Y. Patent Agent and Agent for the sale of Patent Goods and Patent Rights—still continue to aid and assist inventors in procuring Patents and selling Rights. Charges moderate. Application per mail must be post paid. m26 tf

**MACHINERY.**

THE undersigned have made such arrangements with Foundries, Machinists and Patentees, that they are prepared to furnish all kinds of machinery or mechanical tools at manufacturers prices. Steam Engines of any power, Horse power, Lathes, Mills of all kinds, Presses, Planing & Shingle machines, Mill and circular Saws, and every kind of machine or Tool, used by a mechanic or manufacturer. Also a lot of second hand machinery for sale low. N. B. Our personal attention given to forwarding and packing. NORCROSS & CO. 60 Nassau st.

**ADIRONDAC AMERICAN CAST STEEL.**

A new and VERY SUPERIOR ARTICLE fully equal to any European Steel in the market, for sale at the Company's Warehouse. QUINCY & DELAPIERRE, 81 John St. New York. m26 3m\*

**HITTINGER & COOK.**

BLACKSMITHS, Shipsmiths, and Machinists.—Fence and Balustrade Work. All kinds of Ice Tools constantly on hand. Ice and Express Wagons built to order. Also, Trucks and Carts, all kinds of Railroad Work, Mill Work, Shafting, &c. Chamber st, near the Square, Charlestown, Mass. j9 3m\*