

**TO CORRESPONDENTS.**

"T. J. C. of Md."—We do not exchange with the Courier, therefore we are unable to furnish it, address them again and no doubt they will forward it.

"O. C. D. of Pa." and "H. O. of Ct."—Your drawings have been received and will be examined on Monday.

"J. I. C. of Pa."—We cannot account for the delay on the part of the Commissioner. You must hear from him soon, it is high time.

"J. S. D. of N. H."—We have examined the drawings of your instruments and find that in many particulars they are new and novel. Their merchantable value will depend altogether upon the measures taken to introduce them. Mathematical instruments are not generally profitable to the inventor, please send us a model.

"H. G. P. of Pa."—Your Printing Telegraph, embodies the same principles employed by Profs. House and Bain. We see nothing new in it to encourage you in making application for Letters Patent. The Electro-Magnetic Engine is not new, they have been employed with levers before.

"N. B. W. of Mich."—W. W. Woodworth's patent was granted on the amended specification in 1845 and has 10 years to run as we understand it.

"Wm. P. B. of Geo."—Without a general description of the "Propelling Power" you refer to, we shall be unable to give our opinion of its probable value. If it will accomplish well the object for which it is intended, it will do; a practical trial will settle the point.

"J. A. S. of Ohio."—The drawings of your mortising machine, are not in our possession. There seems to be some mistake in the matter.

"C. H. of S. C."—Your letter and fine list of subscribers duly reached us, thank you for it. We cannot give you such information as you desire, having no knowledge of such a person as you name.

"S. Z. H. of N. H."—No person could have inferred justly from our language in reference to the "floating of iron" whether we knew or not that iron would float. Your explanation of the needle floating in water is different from that of Dalton,—the fact of it being able to float is known to every school boy.

"T. S. J. of Ohio."—Paddle wheels constructed upon your plan are now in use, to a limited extent. They answer a very good purpose, but hitherto builders have refused to employ them fearing that they would be more liable to get out of order, than the kinds generally in use. We should like to hear the result of your further experiments.

"B. J. C. J. and M. C. of Mass."—Your funds have been received, we shall proceed with your business as fast as possible.

"D. M. L. of Canada."—We are not in possession of the information you desire, we would gladly furnish it if possible. Mr. Law resides in Wilmington, N. C. You might learn the full particulars, in regard to his Stave Dressing Machine by addressing him a letter.

"T. D. of Oneida. Co. N. Y."—We could furnish you with the receipt but do not think it reasonable to do so. You can get it from a dyer by paying a reasonable sum, as every man should, for it requires both time and money to gain such information. You are mistaken about the oxgall, and another ingredient that you have mentioned. Club together and pay a reasonable sum to Mr. Lean, dyer, and you will get it, or to Mr. Hollister.

"J. H. L. of Pa."—The diving bell is moved from place to place by a chain from above. It is not divided as yours is, but the communicating tube and the way of expelling the foul air is the same in both cases. A patent could be secured on its combined chambers. The Patent Office fee is \$30. You would have to send us a model.

"J. H. of Ms."—Your caveat has been acknowledged at Washington and we are proceeding with your papers for the other application.

"P. S. of N. Y." "H. W. D. of Ct." "H. W. C. of Mass." "R. S. T. of R. I." and "N. P. S. and A. R. D. of Va."—Your specifications, drawings and models have all been forwarded to the Patent Office.

"C. D. and T. L. V. of Pa."—We are under the impression that you can procure a patent for your machine. The drawing, howe-

ver, is so indefinite that in order to decide more fully we shall require a model; you can send one by express or any convenient mode of conveyance.

"A. B. of Ct." "I. C. and J. T. of N. Y." and "E. B. of Mass."—We have sent your specifications for re-signing and we hope to receive them from you again as soon as possible.

"E. J. of Mass."—Please forward the amount of Patent fee \$30, and we will proceed with your business without delay.

"R. C. of Mass."—Your model has been received, but has not yet been examined.

"G. W. L. of Pa." "W. H. D. of Mass." "J. C. M. of Mich." and "J. W. of N. O."—

The drawings of your machines are all executed and in a few days the specifications will be prepared and forwarded to you for signature.

"W. M. of Ala."—We shall attend to your business at the earliest possible moment, and at the same time we shall endeavour to furnish Mr. B.—the information he desires.

"E. H. of Mass."—We sent your caveat for signatures several days ago. Why do you not return it?

"D. W. of Me."—The package was received, and the papers have been forwarded to the Patent Office.

"H. T. of Mass."—Your plan of a Lock is very novel and ingenious, sufficiently so to warrant an application for letters patent.—Your best course would be to employ a locksmith in Worcester to build one for experimental purposes. It would be attended with much less expense and trouble than in this city. We shall preserve the pattern for future reference.

Will the Maine Farmer please inform us if convenient of the residence of W. C. Bates and S. T. Tucker. We have letters for them concerning their improvements in Wool Spinning noticed in No. 14 Vol. 4, Scientific American.

We have several drawings of new inventions for examination, and shall attend to them as early as possible, just now we are very much hurried.

We have received an able communication from H. Antrum, of Ashly, Pike Co. Missouri, on a National Scheme of Sheep Husbandry, which will appear next week.

**HAND PLANING MACHINES.**

THE subscribers have on hand and are constantly manufacturing Hand Planing Machines of the most approved construction: will plane 22 inches in length and 10 inches in width a sample of which may be seen at Wood's Tool Store, corner of Chatham and Duane sts. N. Y.

The subscribers also make to order larger sized Planers, to work by power. Also, Lathes, Drilling Machines, Mill Gearing, Shafting, Pulleys, &c. Orders left at T. J. Wood's Tool Store, or addressed to the subscribers at Union Works, Meriden, Ct. will receive prompt attention.

OLIVER SNOW & CO.  
N. E. All work done by us is warranted to give satisfaction. m31 6t

**PREMIUM SHINGLE MACHINE.**—Public attention is invited to an improvement in making Shingles by means of a Machine patented by Jonathan Bennett, in August last. Nearly two years' trial enables the subscribers to speak with confidence of its superior merits.

By the arrangement of the knives this machine preserves almost entire the grain of the timber, (which is a great consideration in the wear of shingles), jointing them, and producing near one-third more from a given quantity of time, than can be got by any other process now used, and every shingle in perfection—without liability to clip, shorten or mar them in any way by checks or shakes, and leaving every one as sound as if riven. It has also the advantage of greater dispatch, as two shingles are produced by each descending motion of the gate to which the knives are attached. The highest premium was obtained by this machine at its exhibition last fall, at the National Fair held in the city of New York.

Persons desiring to purchase rights for Pennsylvania, New Jersey and Massachusetts, address JAMES D. JOHNSON, Easton, Conn., or DANIEL SANFORD, 163 South st., N. Y. For any of the States not above mentioned, address JOHN H. PETERS, Kent, Ct. m31 2t

**CAMERA LUCIDA.**

NOTWITHSTANDING the demand for these useful instruments has been so great we are yet able to supply orders for them.

Every draughtsman and every person that desires to foster a taste for the beautiful art of sketching should surely have one. Address MUNN & CO. at this office. Price \$6, boxed and shipped where directed. m31

**"ATTENTION THE WHOLE"**

CITIZENS and Strangers are respectfully invited to visit GURNEY'S DAGUERRIAN GALLERY, 189 Broadway, where Likenesses of the finest finish and most durable materials are taken in clear or stormy weather.  
N. E.—Paintings, Daguerreotypes, Engravings, &c., copied. m31

**EDWARD B. JACKSON,**

AGENT FOR THE SALE OF PATENT RIGHTS.  
No. 4 Phoenix Block, Dock street, above 2d, Philadelphia.  
References of the highest respectability and security given if required. m31 3t

**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. (d16) New York.

**MAGNIFICENT PREMIUMS.**

On payment of the yearly subscription to the publishers of the

**NEW YORK WEEKLY SUN,**

of ONE DOLLAR, subscribers will receive gratuitously, a splendid large portrait of PRESIDENT TAYLOR, and also have the chance of securing one of the

**1000 PRIZES,**

worth from \$25 to \$1 each, which are to be distributed among the subscribers to that paper, at the close of the present year.

The Weekly Sun for 1849, besides being the best and cheapest Family Paper in the world, will be enriched by a series of ORIGINAL PRIZE STORIES written expressly for this paper, and for which Four Prizes of \$250 have been offered by the Proprietors. BEACH, BROTHERS, Sun Office. corner of Nassau and Fulton sts. m31 tf

**PATENT DRILLING MACHINE.**

FOR SALE.—A first rate small drilling machine, suitable for drilling iron, copper or any other metal, and is said to be the best machine yet invented for these purposes. The machine is worked with a crank and gearing, and is in perfect order for immediate use. Price 15 dollars. Address, post paid, MUNN & CO., New York. m31

**Wanted.**

IN an Iron Foundry at Houston, Texas, a First-rate Moulder—one who understands dry loam work. Also, a First-rate Pattern Maker. Steady employment and good wages will be paid. The applicants must be master of the business, and of sober and industrious habits. Letters may be addressed to the "Home Protection Foundry, Houston, Texas," or post paid, to Munn & Co., 128 Fulton st. m31

**WONDERFUL CHURNS.**

THAT will cause butter to come from milk in three to four minutes, for sale at \$3, \$4 and \$5 each, at the Agricultural Warehouse of S. C. HILLS & CO. 43 Fulton st. f8

**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.

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

**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. f8 SAMUEL C. HILLS, Patent Agent.

**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.

**STEAM ENGINES.**

WE have on hand a few first rate 5 horse power engines of superior construction complete with pumps, regulator and connecting pipes that we will sell for the low sum of \$250.

The engines are made of the best material and the piston works vertically so that they occupy but little space. Address MUNN & CO. New York, Post paid. m3

**SAW MANUFACTORY.**

LEAVITT & M'DANIEL, Fisherville, N. H., Manufacturers of Mill Circular, Tennon, Cross-cut, and Pit Saws. Also, Felloe, Turning and Veneering Saws; Billet or Wood Cutter's Saws; Iron or Brass Web Saws, Pruning and Butcher's Bow Saws, Chest, Hand, Pannel and Ripping Saws. Also, Flattering Trowels. J. McDaniel, Concord, Wm. D. Leavitt, Fisherville. RUFUS R. LEE, Manufacturers' Agent, No. 11 Kilby st. (up stairs) d30 3m Boston, Mass.

**SUPERIOR ENGINE LATHES.**

WE are manufacturing and selling at our establishment in New London, Ct. a superior article of Screw Engine lathes and also hand lathes of every dimension at an extremely low price. Address ALBERTSON, DOUGLASS & CO. Post Paid. [d26m] New London, Ct.

**MORSE'S AIR DISTRIBUTOR.**

For Burning Wet Saw Dust, Tan, Turning Chips or other fine Fuel.

Patented 1846—Re-issued 1848.

IN LOCKPORT N. Y., the Steam Double Saw Mill of R. H. Stevens, running two Saws 160 cuts per minute—2 Stave Sawing and one Planing Machines, Jointer and Circular Saw for cutting off, is driven wholly by the saw dust as made from green logs, bark and clips, without wood or slabs, except for kindling, and has been since October last. Two boilers, 20 feet long, 40 inches diameter, each 2 flues, with heaters, and a chimney 40 feet high are used; a good draft being indispensable.

In Buffalo, N. Case & Cos. Tannery has been running since May 1848, a large Bark mill, 2 sets heavy hide mills, 4 pumps, one roller, two last turning and two last finishing machines and one circular saw for sawing timber, with TAN, without a stick of wood; kindling up with turning chips. Before May last, two cords of hard wood were used daily to do the same work, saving more than one thousand dollars per ann and using up worthless fuel. A large number of Tanneries, Steam Saw Mills & Machine shops have introduced this great discovery in western New York.

Every Saw Mill and Tannery running by steam in this State, can do likewise, and save hundreds of thousands of dollars; and all establishments running by steam, where fine fuel can be had can make a great saving in cost of fuel, by applying to the subscriber, (post paid) for the right to use in this State and the castings, or to Dr. J. A. Campbell, Buffalo. The whole expense is usually saved in cost of fuel in from three to 6 months. Competent persons sent to place the castings if required.

Infringements on this Patent will be prosecuted forthwith. L. A. SPALDING. Lockport, N. Y. m24 3t

**DICK'S ANTI-FRICTION PRESS.**

THIS Press, which was patented in October last, combines great simplicity of construction with intense severity of operation, compactness, convenience for use and cheapness, and is admirably adapted to a great variety of purposes, such as pressing Oils, Cotton, Tobacco, Hemp, Hay, Cheese, Cloth, Paper &c.; Baling goods; Embossing and Printing; Envelope Cutting; Jeweller's work; Shearing Metals; Hoisting vessels into docks; Gumming Saws; Making Lead-pipe; Punching, Rivetting and Cutting Iron &c. &c. &c. Orders and Communications to be addressed to WM. D. HARRIS, j6 3m Agent for the Patentee, 138 Front st. N. Y.

**PATENT LUBRICATING OIL FOR MACHINERY.**

THE subscribers are now prepared to supply Devlan's Patent Oil in any quantity. Machinists, Manufacturers &c., are invited to examine the article. Certificates of its superiority over all other oils from some of our most extensive manufacturers can be seen at this office.

KENNEDY & GELSTON, 51-2 Pine-st. New York, Sole Agents for the New England States, and State of New York. Samples of the oil may be seen at the Scientific American Office. m10 tf

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

From 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 PROSSER, Patentee, d30 28 Platt street, New York.

**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, of all business relating to patents.

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

PATENT OFFICE 166 Fleet Street, London. m10 tf

**INFORMATION WANTED.**

THE address of the gentleman, who advertised in this paper on the 29th April 1848, for a person competent to erect a Shot Tower &c. Address m20 3t JOHN, Baltimore Shot Tower.

**A. G. FAY.**

MANUFACTURER of Lead Pencils. Graduate Drawing; writing and Stylographic; and Artist's pencils, Crayons, Ever points, Pen Holders &c. The above pencils are peculiarly adapted to Mechanics use, as they possess great firmness and strength of points.

Orders solicited from all parts of the country and goods forwarded with despatch. Concord, Mass. j20 1f

**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. 25, 1848. o28 1y

**HARTSON'S FIRST PREMIUM TOOL MANUFACTORY.—42 Gold st. N. Y.**

WHERE he continues to manufacture at short notice his Superior Turning Lathes, Drilling, Slotting, Bolt and Gear Cutting Machines of all sizes, together with all other tools required in engine and Machine Manufactories. All made in the best possible workman-like manner. Each tool is carefully adjusted before leaving the manufactory. Communications for particulars cheerfully responded to by addressing, (Post paid) j13 3m. G. B. HARTSON

**Z. C. Robbins,**

Consulting Engineer and Counsellor for Patentees. Office on F street, opposite Patent Office, Washington, D. C. j20 1f