

TO CORRESPONDENTS.

"O. H. P. W. of Ala."—We should think Minifie's Mechanical Drawing Book would suit you, if you wish to acquire a knowledge of the art. In regard to your last enquiry, we should advise you to address James Stewart, 106 Elm st. We have not the information you desire. The \$1 enclosed has been credited to Mr. Williams.

"A. W. of Maine."—Your friend Mr. M., called upon us and explained the peculiarities of your invention. We showed him a model patented by Mr. Arnold of this State, which he acknowledged to be the same in principle. We cannot advise you to apply for a patent, believing it would prove unsuccessful.

"S. H. A. of N. Y."—Your letter of the 5th inst. reached us in due time. Such a work as you want cannot be obtained in this city. We have had several enquiries for a practical work but as yet have not been able to supply a single copy. Your other enquiries are entirely foreign from our business, if we possessed the information we should gladly furnish it.

"S. & C. of S. C."—Your letter of the 10th inst. has been received, and the pamphlet ordered, forwarded by mail. Tell your friend that Mr. Culbertson of Cincinnati, has a machine that will exactly suit him; it is the only one we know of that will be likely to answer his demands.

"W. S. of N. H."—We have no other but a favorable opinion of your improvements in the power loom, and are satisfied from a minute examination of the drawings that the objections referred to in our letter of the 12th inst. are beautifully obviated. We did not say that they were not obviated, we merely added that they were not clearly shown in the drawings.

"M. S. of Vt."—Your specifications and drawings were deposited in the Patent Office last Friday week. You can manufacture and sell your narrows to whom you please while the application is pending, but you must not attach the word "patent" to them, nor give the purchaser to understand that they are patented. It is impossible for us to tell when the case will come up for examination.

"J. F. M. of Pa."—The drawings of your self-adjusting Fly, has been examined. We think it new, and patentable. Send a model. When we receive it, you will hear from us.

"J. R. of Wis."—We have no volumes or odd numbers of vols. 1 and 2. Vol. 3, bound, can be sent for \$2.75. The balance, \$1, your due, has been credited.

"G. W. H. of Tenn."—Send the drawing and description of your Feeder, and we can very soon tell the difference between the two.

"G. W. H. of R. I."—It will be better to refer to the others at another time. Give us a little more knowledge about the Divider so as to present some of its features. You are correct about the iron.

"E. H. M. of Ill."—Your letter of the 5th accompanied with the names of 10 subscribers and a drawing, &c. of your alleged improvements in "Water Filters," has been received and the business attended to as per your request. We have not had time to examine into the merits of the Filter but will write you when we receive returns from the Patent Office, which will be in the course of a week.—We hope you will send us a drawing of the "Butter Machine," as we have enquiries concerning it.

"R. B. of N. Y."—Wrote you by mail on the 14th inst. The letter was not favorable to your prospects.

"W. B. G. of Boston."—You can go on now and build. All is correct at the Patent Office. We can see no objections to the self acting Tracer. A fair experiment is the best test. We have heard of Jordan's but do not know the mode of its operation nor whether it is of much worth. We have not heard a word about its introduction into this city. You will find it in Ree's Cyclopaedia in the article "Carving."

"E. B. W. of N. H."—Your business is progressing and the papers will be forwarded to you for signatures in a few days.

"G. W. E. of N. J."—Your communication came too late for this number. It will receive attention next week.

"J. E. W. of Ct."—In regard to the utility of Dr. Worster's Diving bell, you are referred to a letter from Rev. Walter Cotton, late Alcalde of Monterey published in No. 42 Scientific American. We have confidence in its success, and believe it to be the very desideratum that will facilitate the operator in removing the rich deposits from the interests found in the bed of the rivers. Your letter has been handed to Dr. Worster for attention.

"J. S. of Indianapolis."—We shall require a more thorough description of your machine before we can understand it. You do not clearly explain how the "scribing" operation is performed. Please attend to it without delay.

"R. S. T. of N. J."—The price of the Camera Lucida is \$6. Please remit that amount and one shall be forwarded without delay.

"J. E. A. of Mass." "C. R. of Vt." "L. S. E. of Pa." "J. & M. and "D. V. of N. Y."—Your specifications have been forwarded to you for signatures. Return them as early as possible.

Money received on account of Patent Office business since July 11:— J. M. Jr. of Mass \$37. M. S. of Vt. \$15; and E. B. R. of Vt. \$15.

Pine Lumber in Maine.

A correspondent of the Maine People's Press, writing from Moosehead Lake, June 18, tells of having just taken across said Lake, a distance of 17 miles, the largest raft of pine logs ever seen thereabouts—containing, by actual survey, twenty-one and three-fourths acres. These logs are taken at different landings upon the eastern shore of the Lake, and towed by steamboats across to the outlet or head of the Kennebec waters, by which they are borne to market.

Advertisements.

TO FOUNDRYMEN AND MACHINISTS.

SOME persons who had obtained a knowledge of 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.

ing 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. BELL, jy 21 31*

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, \$1.00 Scribner's Hydraulics, \$1.00 Ewbank's Hydraulics and Mechanics, \$2.50 Morfit's Chemical Manipulations, \$2.50 Harriet's Architecture in numbers, each \$1.00 Arnott's Gothic Architecture " 25 Camera Lucidas, \$6.00 MUNN & CO. j14

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 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

ADYER

WANTS a situation. He is well acquainted with the dyeing of all fast and fancy colors on cotton yarn. He is also somewhat acquainted with woolen dyeing. He can produce the best of references in respect to character and qualifications to conduct the business. Address J. MACFARLANE, care of Editor Scientific American. j14 21*

A CHANCE FOR SPECULATION.

THE undersigned wishes to find some person who will furnish means to introduce and apply for a patent for two new inventions. One of them is a Balance Rotary Slide for steam engines, noticed in No. 39 this vol. Scientific American, and the other is a Steam Governor, both valuable inventions. They can be made and sent to any part of the world at a trifling cost. Address immediately, post paid, JAMES W. CHAPMAN, j14 21* Washington. Davis Co. Ind.

TO INVENTORS.

THE SUBSCRIBERS offer their services to persons wishing to obtain patents in the United States or in foreign countries, and will prepare specifications and drawings and take all necessary steps to secure a patent.

From their long experience as practical mechanics, added to a thorough knowledge of the Patent Laws and acquaintance with the details connected with the business of the Patent Office, they trust they will be able to give satisfaction to their employers, both in the clearness and precision of their specifications, and in the promptness and ability with which they transact all business entrusted to them.

Persons residing at a distance may procure all necessary information, have their business transacted and obtain a patent by writing to the subscribers, without incurring the expense of a personal attendance at Washington.

Models can be sent with perfect safety by the express.

Rough sketches and descriptions can be sent by mail.

For evidence of their competence and integrity they would respectfully refer to all those for whom they have transacted business.

Letters must be postpaid. Office on F st. opposite the Patent Office. F. H. WATSON, E. S. RENWICK. j30 41*

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 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 would 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 1f

TO FURNACE MEN, IRON FINISHERS, AND OTHERS.

WANTED.—An active partner in an Iron Foundry and Finishing Shop. Any person practically acquainted with the Furnace business would find this a good investment, as he can come in on easy and reasonable terms. The concern has been established six years and is doing a good business. It is worked by water power and well furnished with patterns, lathes, &c.

Apply by letter (post paid.) JOHN LLOYD, j7 31* Saint Charles, Illinois.

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. Hazelnut, Corresponding Secretary of the Institute, will be met with immediate attention, and every facility used to exhibit the same to the best advantage. j16 4m

A NEW PATENT MACHINE.

HAVING obtained a patent for a self-feeding machine to saw wood twice in two at one operation, a model of which can be seen by applying to P. H. Watson, Patent Attorney, Washington, D. C. I am now prepared to sell the right for the same, by States or smaller districts, as may best suit the convenience of purchasers. As this is a machine every where wanted, and believed to possess superior merit, it will be to the advantage of mechanics and patent dealers to attend to it.

All communications post paid, and addressed to the subscriber, will receive prompt attention. DAVID BONNER, j2 81* Greenfield, Highland County, Ohio.

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, m26 3m* 81 John St. New York.

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*

To Manufacturers or Capitalists about to commence the Manufacture of Cottons.

THE subscriber, brought up with Messrs. Samuel & Jno. Slater, at operating and building cotton machinery, and for the last 20 years has travelled through several of these United States, setting up and building, on the most approved plans of modern invention, now offers his services as superintendent and is ready to introduce a new system, greatly reducing the cost of manufacture, and at the same time making better goods than ever was in the market. Please direct (post paid) to G. W. HOWARD, 228 Eddy st. j14 21* Providence, R. I.

WANTED.

TWO or three first rate Millwrights, of capacity and experience, to go south; a healthy location Apply to J. G. WINTER, SON & CO. j7 31* 54 Wall st., New York

MORSE'S PATENT AIR DISTRIBUTOR.

THIS improvement is a substitute for the common grate by which tan, sawdust or 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 11* 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.

SUPERIOR TURNING LATHES.

JAMES STEWART, 15 Canal-st. and 106 Elm-st. is constantly manufacturing and has now on hand between 60 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 1f

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 PROSSER, 28 Platt Street New York; as also the necessary forms of Petition and Declaration for British Patents. PATENT OFFICE, m1 1f 166 Fleet Street, London.

Z. C. Robbins,

Consulting Engineer and Counsellor for Patentees.

Office on F street, opposite Patent Office, Washington, D. C. 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 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. QUARTERMAN & SON, m19 3m*

FAY & GULICK,

Designers and Engravers on Wood, No. 80 Nassau street, Room No. 25. m12 1f

Barlow & Payne,

Patent Agents and Consulting Engineers, 59 Chancery Lane, London. m26 1f

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 PROSSER, Patentee, m1 28 Platt street, New York.

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. j30 3m* Between Beekman st. and Peck Slip.

MORSE'S AIR DISTRIBUTOR.

Detroit Foundry, May 20, 1849.

THE undersigned are the sole agents for the manufacture and Sale of Morse's Air Distributors for Michigan and vicinity. With the above improvement, Tanneries can use the WET TAN as it comes from the vat, and Saw Mills can use ALL KINDS of saw dust or wet bark and make Steam as readily as with wood, on the common grate.

Fourteen sets are now in use in Mills and Tanneries in this vicinity, and give abundant satisfaction. Numerous certificates of their great economy in the use of fuel are received from every place where they have been used. DEGRAFF & KENDRICK, m26 2m

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. MARDEEN, 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 continues to aid and assist inventors in procuring Patents and selling Rights. Charges moderate. Application per mail must be post paid. m26 1f

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.