

TO CORRESPONDENTS.

"J. A. H. E. of N. Y."—We venture to say that if you construct an electric apparatus attached to the steam boiler, that you will not be able to decompose a single drop of water to burn the gas for heating the boiler.

"LeR. M. L. of Ill."—The principles of your Water Wheel, are very old, and have been in use for several years. The same plan has been shown us several times within the past year, and we think as a general thing they are not so good as overshot wheels, being more liable to injury. No patent could be obtained for it.

"C. H. B. of Mass."—We do not think your plan could come into competition with the machines now in use for the purpose.—We should not be satisfied of its value until an experiment had been made to test it. The simple lever power is always most effectual. Experience proves this.

"F. N. of Warsaw."—Is informed that his plan for locking up forms is not new. The same principle is now used in this city.

"I. S. of Mich."—You had better associate some one with you, and make him acquainted with the value of your invention. We could not dispose of it for you, and if as you say it is extensively used throughout the States no patent could be obtained for it.

"E. S. P. of Glade Spring, Va."—If you are not satisfied with the reply we made you concerning Johnson's Shingle Machine and Barber's Grist Mill, you must address the inventors. Your threatening to stop the paper because we did not write to the parties and find out more particulars for you does not affect our nervous system in the least. Keep cool and thereby prolong your life. "Consistency is a jewel."

"S. L. W. B. of N. Y."—We hope that you have made the grand discovery, but there is no man acquainted with the rotary engine, who knows something of sanguine expectations never realized, but will say, as we must, *responde finem*. The engines you referred to, not having proved so successful as was expected, were not desired to be published, although if we had been furnished with drawings they would have been. The General is where it always will be.

"N. M. S. of Mo."—We have no great confidence in your plan for preventing explosions in steam boilers. It is not so reliable in our opinion as Lyman's Steam and Water Gauge. At any rate we should not wish to encourage you to spend money upon it, and had we time, we could point out many serious objections to it.

"J. D. of Va."—Two numbers of Ranlett's Architecture were forwarded to you on the 6th inst.

"A. P. C. of Mass."—It is contrary to our rule to publish an engraving twice in the Sci. Am., consequently you must rest satisfied with the matter, as it now stands.

"I. N. H. of Pa."—Model forwarded as per your instructions of the 30th ult. Don't forget to inform us of the result of your experiments.

"P. H. G. of Geo."—In the present age of wonderful inventions there seems to be no limits to the genius of man, yet we are inclined to the opinion that many years will roll away before balloons will succeed to the satisfaction of the public, or a telegraph constructed to span the ocean. Your ideas appear well upon paper, much better than they would upon the bosom of the sea. We do not say this to discourage you, but you may depend that the plan will not do.

"J. M. Mc W. of S. C."—We have shown your letter to Messrs. B. & B. and they have rectified the mistake, but we have no knowledge of Dr. Weipleholm, never heard of the man before. If we should, he will hear from us.

"T. W. G. of Pa."—Accept our thanks for your encouraging letter, coming from a brother editor, we prize it very highly. The \$2 enclosed has been placed to the credit of Capt. Patterson and the last paper forwarded.

"D. & Bros. of Tenn."—We are corresponding with parties in regard to your business. The only objection to complete success arises from the uncertainty of a permanent arrangement.

"C. R. of Mass."—We are glad that you have found a way to get the desired information. It will assist you greatly in the business.

"E. B. W. of N. H."—The model of your machine for cutting and heading Ship Spikes has not come to hand yet. Will you please forward it.

"D. V. of N. Y." "L. S. E. of Pa."—The specifications of your inventions were sent to your address for signing last Monday. Please return them as soon as executed.

"J. & M. and S. G. of N. Y." "W. H. C. of Ala." "B. H. and H. N. F. of N. H." and "J. E. A. of Mass."—The drawings of your several machines are executed and the specifications will be completed in a few days and forwarded for signatures.

Money received on account of Patent Office business since July 5:—

W. B. G. of Mass \$25. B. H. of N. H. \$30. J. E. A. of Mass. \$60. H. N. F. of N. H. \$50. and S. G. of N. Y. \$6. G. W. P. of Mass. \$20

Advertisements.

NOTICE.

We have constantly on hand and for sale: Munroe'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; Morfit's Chemical Manipulations, \$2.50; Raulett's Architecture in numbers, each 50; 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. PISSON, Civil Engineer, 5 Wall St. New York. j14tf

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. PISSON, Civil Engineer, Offices 5 Wall St. New York. j14tf

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, 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.

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. j142t*

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, Washington, Davis Co. Ind. j142t*

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. Providence, R. I. j14 2t*

WANTED.

TWO or three first rate Millwrights of capacity and experience, to go South; a healthy location. Apply to J. G. WINTER, SON & CO. 54 Wall St, New York. j7 3t*

TO IRON FOUNDERS.

FINE ground Sea Coal, an approved article to make the sand come off the Castings easily; fine bolted Charcoal Blacking; Large fine Dust, and Soapstone Dust for facing Stove Plates, &c. &c.; also, Black Lead Dust, for sale in Barrels, by GEORGE O. ROBERTSON. m24 4meow* 303 West 17th St. New York.

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. P. H. WATSON. j30 4t* E. S. RENWICK.

The attention of Railroad, Steamboat and Manufacturing Cos. is invited to J. Cumberland & Brother's

PATENT WHITE METALLIC OIL,

FOR steam engines and heavy machinery of all kinds. For its durability, purity from gum, and superior anti-friction properties, as well as its great economy, it has received the approval of the following gentlemen:—

Messrs. John Correll, Congress Steam Mills, 172 Forsyth St.; J. P. & Thos. Cummings, Chelsea Mills, 25th St.; Hecker & Brother, Cherry St.; John Jewett & Sons, 182 Front St.; R. Hoe & Co. Sheriff St.; James Payne, Brooklyn City Mills; James E. Fairbanks & Co, and many others who have been using it a long time with entire satisfaction. Manufactured by J. Cumberland & Brother, Patentees, Elizabethport, N. J., to whom orders from a distance should be addressed.

ANDREWS & JESUP, No. 70 Pine St. New York, Agents have constantly on hand both the Fluid and Hard Metallic Oil, put up in one to five gallon cans and barrels, at the Manufacturers' Prices. j23 4t*

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 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. Ladlin, St. Louis; Hon. James H. Woodworth, Mayor of Chicago. JOSEPH E. WARE, 66 Second St. St. Louis, Mo. j23 4t*

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, Saint Charles, Illinois. j7 3t*

WATER WHEEL FOR SALE.

A Breast Wheel about 10 feet diameter and 20 feet long with elbow buckets, built of the best materials, in a thorough and workmanlike manner, and has been in use about one year. For particulars address E. GOROUON, Taunton, Massachusetts. j23 4t*

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. Hazellhurst, 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

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 8t* 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, 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*

MITRE BOXES.

A new article, made to cut at any angle with precision. Just the thing for Carpenters, ship Joiners, and Furniture Makers. Mechanics are invited to call and examine them at NORCROSS & CO. 60 Nassau St. up stairs. m12tf

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 \$900. 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 PROSSER, 28 Platt Street New York; as also the necessary forms of Petition and Declaration for British Patents.

PATENT OFFICE

m1 tf 166 Fleet Street, London.

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. 23, 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. 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.

m26 tf

Lap welded Wrought Iron Tube 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 FROSSEK, 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. MARDEN, Charles own 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 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.