

TO CORRESPONDENTS.

"E. R., of N. Y."—Yours of the 14th inst., accompanied by the specification, &c., of your improved scraper has been received. In regard to rights we are of the opinion that you had not better sell rights until the patent is issued.

"J. C., & G. F. F., of Vt."—We shall attend to your wheel as soon as possible.

"Rev. J. D. S., of Ky."—Dr. Hull's subscription expires with No. 26, this Vol. We cannot direct you where the missing numbers of Vol. 1 could be obtained. We have none on hand, which we regret very much.

"J. N., of Pa."—The model of your steam chest has been examined, and the principle is doubtless good. We are, however, doubtful in regard to an application for a patent being successful. The elements combined do not appear to be substantially novel, and we think it would be difficult to base a claim that would be granted by the Patent Office.

"H. J. B. C., of N. C."—We have received your numbers for binding—will endeavor also to procure you such a work as you want. Shall write you soon.

"N. E. C., of Ct."—We cannot give you any advice in the matter referred to. The money can be passed over to your credit according to your suggestion.

"J. L., of N. Y."—We do not see any advantages in your castor. Allowing it (the ball) to play universally in the socket with no axis, it would be difficult to overcome the friction, especially when much pressure should be applied.

"J. E. R., of N. Y."—The drawings and description of your alleged improvements in saw mill blocks have been examined. Timothy Jones of Otis, Mass., filed a description, and drawing, in the Patent Office early last season, of the same principle as that described by you.

"B. A., of Mass."—If your pump performs as well as you say it does, no doubt can exist of its value. We are at a loss, however, to understand its true principles of operation, from the drawings furnished. Each part should have been well described, then we should have had no trouble in understanding it.

"I. R. C., of Mass."—We cannot give you the information asked for. Would it not have been better for you to have addressed the advertiser without troubling us. We have all we can attend to without his business.

"L. B., of Vt."—In answer to your question in regard to the "American Oil," as to where it can be obtained, price, &c. We refer you to the article itself—when carefully read you will observe that we asked for the information sought by you.

"M. E. W., of Ill."—Wheeler's endless chain horse powers have been highly spoken of. One horse power, price \$75—two horse, \$100. Bogardus' Circle is also good—price not known. Warren's Circle is very good—two horse, \$50; four horse, \$80. Since you seek our opinion in the matter, we give it by expressing our unqualified preference in favor of Daniel Woodbury's Patent, Rochester, N. Y.

"C. B. H. and A. M. B., of N. Y."—If your engines are constructed upon a plan entirely different from any other in use, and express novelty, you can obtain a patent. We could give you a very correct idea of its patentability by examining a model. You are aware that much has been done in this branch of the art.

"M. C., of N. H."—It is difficult for any one to say what has not been done in the way of stoves—patent upon patent has been granted for them. The simplicity of your plan recommends it—the simpler the better. We presume a patent could be obtained for it. You had better send a model without delay.

"H. G. W., of N. Y."—The model of your alleged improvement in propellers has been examined. We are doubtful about your obtaining a patent for it. The principle is the same as the duck-foot propeller, patented in 1845. Although we are of the opinion that Earl Stanhope used it years ago. Hebert, in his work on the steam engine, describes the fan propeller, embracing the same principle as found in your model.

"J. M. O'B., of Me."—We shall be happy to receive your communication. Let it be as condensed as possible. All the information you ask, you will find in the charge of Judge Grier. Mr. Muir mentions rollers, but he did not use a revolving cylinder, like Woodworth, with them. The Judge clears up the matter.

"J. M. W., Canada."—Your remittance came safe—the money is par with us for subscriptions: the requests have been attended to and you will find everything right.

"U. N., of Ct."—Please forward one of your shaves to this office with a full description. We will then advise you as to its patentability.

"W. L. N., of Ohio."—By reference to No. 5, Vol. 5, you will find a notice of a boring machine, patented by Mr. Jones, of Camden, N. J. We judge from your description that your invention embraces the same principle.

We have received a letter from Mr. Paine, of Worcester, Mass., in answer to "Gior." It will appear next week. It came a little too late for this number.

"C. D. R., of Mass."—There is no loss of power in the crank, in our opinion. The friction created by your crank, sliding in the slot, would be very great. The plan, however, so far as we know, is new. In your other plan, we do not see how any advantage could be gained: gear wheels should always be avoided in the steam engine. But the plan is new.

"J. S., of Pa."—In looking over a number of works on copying, we find that the modifications of the pantograph are very numerous.

The specifications and drawings belonging to individuals with the following initials, have been filed at the Patent Office since our last issue:

- J. & L. A., of Mass.; E. R., of N. Y.; R. C., of O.; J. D., of N. J.; J. I., of N. Y.; J. H. L., of N. J., and R. & S., of N. Y.

Money received on account of Patent Office business, since Nov. 16th, 1849:—

- J. C. & G. F. F., of Vt., \$50; E. R., of N. Y., \$20; J. & L. A., of Mass., \$25; J. P., of N. J., \$30; J. I., of N. Y., \$10; J. H. L., of N. J., \$20; H. S., of N. Y., \$30; A. H., of Ill., \$30, and R. & S., of N. Y., \$35.

Notice. We refer our subscribers to No. 5 of this Vol. for particulars in relation to back numbers. We would also say, that whenever our friends order numbers they have missed—we shall always send them, if we have them on hand. We make this statement to save much time and trouble, to which we are subjected in replying, when the numbers called for cannot be supplied.

ADVERTISEMENTS.

Patent Office. 123 FULTON ST. NOTICE TO INVENTORS.—Inventors and others requiring protection by United States Letters Patent, are informed that all business relating to the procurement of letters patent, or filing caveats, is transacted at the Scientific American Office, with the utmost economy and despatch. Drawings of all kinds executed on the most reasonable terms. Messrs. Munn & Co. can be consulted at all times in regard to Patent business, at their office, and such advice rendered as will enable inventors to adopt the safest means for securing their rights.

- GENERAL AGENTS, FOR THE SCIENTIFIC AMERICAN. New York City, Boston, Philadelphia, Providence, R. I., Jackson, Miss., Southern, LOCAL AGENTS. Albany, Andover, Mass., Baltimore, Md., Bridgeport, Ct., Cabotville, Mass., Cincinnati, Concord, N. H., Dansville, N. Y., Dover, N. H., Fall River, Mass., Geneva, N. Y., Hartford, Ct., Houston, Texas, Halifax, Nova Scotia, Jamestown, N. Y., Lancaster, Pa., Lynn, Mass., Middletown, Ct., Milwaukee, Wis., Nashua, N. H., New Bedford, Mass., Nashville, Tenn., Norwich, Ct., New Haven, Ct., New York, N. Y., Newark, N. J., Mobile, Ala., Paterson, N. J., Portland, Me., Rochester, N. Y., Raleigh, N. C., Springfield, Mass., Salem, Mass., Southport, Wis., Savannah, Ga., Syracuse, N. Y., Taunton, Mass., Utica, N. Y., Vickburg, Miss., Warren, Ohio, Webster, Mass.

BRUSH'S IMPROVED DOUBLE ACTING LIFT AND FORCE PUMP.—The subscriber is now manufacturing and has constantly on hand, an extensive assortment of Lift and Force Pumps, to which he would call the attention of owners of factories, breweries, ships, steamships, or for railroad stations and farmers, as one of the most powerful pumps ever yet invented. Persons in want of a good article (the price is within the reach of all) are invited to call on the subscriber at his manufactory.

TO PRACTICAL MACHINISTS.—The advertiser having perfected an original invention—a new hydraulic motive power, (which has occupied his attention for four years) and finding his means exhausted, is desirous of obtaining the assistance of an influential machinist to bring the invention into notice and use. References of the highest respectability can be given. Communications (post paid) addressed C, box 421 St. Louis, Mo., will receive prompt attention.

THE SUBSCRIBER, late of the firm of Haldeman & Seitz, of Marietta, Pa., formerly engaged in the manufacture and sale of Bridle Bits, has bought out Mr. Seitz in the whole Patent Right and stock on hand. Therefore he now offers to machinists, and dealers generally, the opportunity of buying low, the patent right for States, Counties or Districts in any part of the United States, for the remaining term of the patent right, the date of which is September 26, 1848. Persons buying rights can also be supplied with a small stock to commence the business upon at once, as he is still finishing up the stock on hand in the different styles of japing, tining and plating. He will still supply the old customers in what stock they may want at reduced prices, until their neighborhood is supplied by new manufacturers. Any orders either for rights, samples or information will be promptly attended to by

CYRUS S. HALDEMAN, Bainbridge, Lancaster Co., Pa. [See Engraving of the above Bit in No. 26, Vol. 4, "Sci. Am."]

NOTICE.—We have constantly on hand and for sale: Mumfie's Mechanical Drawing Book, bound in calf, \$3.00; Cook's Condensing Engine, Plate and Book, 3.00; Leonard's Mechanical Principia, 1.50; "Scientific American," bound, 3d and 4th vols. 2.75; 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; Ranlett's Architecture, 2 vols., bound, 12.00; Arnott's Gothic Architecture, 25; Camera Lucida, 6.00. MUNN & CO.

PREMIUM STOVE POLISH, &c.—Quarterman's Chemical Oil Stove Polish, American Atomic Drier, Electro Chemical graining colors, and gold size. The stove polish is put up in tin boxes of 12 1-2 to 31 1-4 cts. Sold wholesale and retail at 114 John st., New York, by QUARTERMAN & SON, Painters and Chemists.

LAP WELDED WROUGHT IRON Tubes, for Tubular Boilers, from 1 1-2 to 8 inches in 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, 25 Platt street, New York.

EMPLOYMENT.—Pleasant and profitable employment may be obtained by a number of intelligent and active young men, in every County, by addressing postpaid, FOWLERS & WELLS, Publishers, 129 and 131 Nassau-st, New-York.

P. S.—A small capital, with which to commence, will be necessary. Agents who engage in this enterprise will be secured from the possibility of loss. 5 3m* THOMAS E. DANIELS' PLANING MACHINES.—Manufactured by HOWE, CHENEY & CO., Worcester, Mass. All orders for the above machines executed at short notice and satisfactory prices. 24m*

Z. C. ROBBINS, CONSULTING ENGINEER AND COUNSELLOR FOR PATENTEES. Office on F street, opposite Patent Office, Washington, D. C. j20 tf

BARLOW & PAYNE, Patent Agents and Consulting Engineers, 89 Chancery Lane London m12 tf Patent Journal Office.

PARKER'S WATER WHEEL.—The Subscriber offers rights for Sale, by Counties or States, of the Best Water Wheel for Grist Mills, in the United States, which will grind a bushel of corn from three to eight minutes, under a head of water from five to ten feet. It being at the same time simple and durable; any person purchasing a Stateright will be furnished with a model, and by addressing the Subscriber at Camden, S. C., will have all satisfactory information given. 4 3m* EMANUEL PARKER.

ENGINE LATHES.—The Subscribers are now manufacturing, and have constantly on hand, an extensive assortment of the best patterns of Engine Lathes, which they offer at the following prices:—A Lathe 8 feet long, swing 19 inches, with back and screw gearing, drill chuck, centre and follow rest, \$200; ditto, without screw gearing, \$150; ditto, without fixtures, \$125. For particulars of other sizes, address, (post-paid) SCRANTON & PARSHLEY, New Haven, Ct. Munn & Co., Scientific American Office, are Agents for the above Lathes. Universal Chucks for sale at \$15. 4 3m.*

LAW'S NEW PLANING MACHINE.—For boards and plank, is now in operation in this city—planing, tonguing and grooving at the same time, with rapidity and beauty. It is believed to be superior to any other machine, as it will do the work of two or three rotary machines, and for all Southern, and the majority of Northern lumber, the execution is much better. Machines, with rights for States, or Counties, can be had by applying to the subscriber, at 216 Pearl street, or at Collyer & Dugand's mill, foot of West Fourteenth street, where the machine is at work. 2 tf H. LAW.

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 & 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 application to Mr. THOMAS PROSSER, 25 Platt street, New York; as also the necessary forms of Petition and Declaration for British Patents. PATENT OFFICE, 166 Fleet street, London. m1 tf

DAQUERRIAN MATERIALS.—JOHN ROACH, Optical Cramer, 79 Nassau st., N. Y., is manufacturing American Cameras of imported Flint Glass, which are warranted equal to any. Also, on hand, Voightlander Cameras. Plates, Cases, Chemicals, &c. Galvanic Batteries for gilding and silvering. Electro Magnetic Machines for medical purposes. Thermometers wholesale and retail. Object Glasses of various sizes, ground to order and warranted achromatic. 2 10*

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 street N. York, (between Beekman st. and Peak Slip) j30 5m*

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 and Fire Clay, for sale in Barrels, by GEORGE O. ROBERTSON, 303 West 17th street, or 4 Liberty Place, between Liberty st. and Maiden Lane, N. Y. 9 14*

A DEE'S AMERICAN CAST STEEL Works, (at the foot of 24th st., E. River, N. Y.) The above works are now in successful operation, and the proprietor would respectfully call the attention of machinists and all consumers of the article to an examination of his Steel, which he is warranted by the testimony of the principal machinists and edge tool makers of this city, in recommending as fully equal in every respect to any ever used in this country. A full assortment of the different sizes constantly on hand, which the public are respectfully invited to call and examine at the office of DANIEL ADEE, 51 6ms 107 Fulton street, New York.

BLAKE'S PATENT FIRE PROOF PAINT, from Ohio, which in a few moments turns to slate or stone, protecting whatever covered from the action of the weather and from fire. Purchasers should be particular and see that every barrel is marked "Blake's Patent Fire Proof Paint," as there is any amount of worthless counterfeit stuff in the market, called fire proof paint. The genuine article for sale by the patentee, at No. 3 Broad st., N. York. 51 12* WILLIAM BLAKE.

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 appointed, by, and connected only with this establishment. Pamphlets containing a synopsis of Foreign Patent laws, and information can be had gratis on application JOSEPH P. PIRSSON, Civil Engineer, Office 5 Wall street, New York. 3 tf

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 who desires to foster a taste for the beautiful art of sketching should surely have one. Just received, a new and more beautiful article than has before been offered for sale in this country. Address MUNN & CO., at this office. Price \$6, boxed and shipped where directed. 31

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