

TO CORRESPONDENTS.

"G. M., of N. Y."—Yours of the 15th inst. was received, and its contents disposed of agreeably to your request.

"Wm. N., of O."—Your \$3 was duly received, and as it required \$2.75 for Volume 4, and consequently would leave but 25 cents to be passed to your credit.

"A. H., of Me."—We have already sent you the letter to which you refer, and have also sent the cut of your mitre box to Mr. Morse, as you requested, some time since.

"D. A. S., of O."—We will rectify the mistake to which you allude, in so far as we can, the author of the work died before it was completed, and we do not know how many Nos. have been issued, probably not more than 3 or 4—

"D. J. S., of N. Y."—We do not discover any new principle in your plan for propelling. Experiments have been made in England, as well as this country, embracing the spiral fan wheels; the result has failed to establish them in preference to the common system.

"G. B., Jr. of Tex."—Your papers have been received and are now undergoing a thorough examination. We shall report by letter in a few days. From what we have been able to discover from a hasty perusal of your remarks, we are of the opinion that you have struck upon a valuable process.

"N. M., of C."—Your letter addressed to Messrs. Foster & Bailey is still in our possession; we do not know their whereabouts. If either of the parties see this notice they will please address us.

"J. B., of Va."—We forwarded the specification of your improved cultivator, to Good Intent P. O., more than a month ago. Have you not received it, or what is the matter? Execute it and send it back again as early as possible.

"W. B., of Ind."—There is no better work upon millwrighting than Evan's, which can be purchased for less than about \$8. We have credited you with the money, sent which will be appropriated as you may request.

"A Subscriber," Columbus Geo.—Came too late for attention this week.

"I. F. B., of Geo."—Mr. P.'s machine is not in operation, therefore we cannot compare your sample, with what can be done by his.—We shall speak of yours in our next. \$4 received, and your name, with Mr. A.'s, has been entered for one year.

"S. P. S., of Ky."—We forwarded 2 copies of the Mechanical Principia, on the 22d inst.—Your name has been entered for one year's subscription.

W. S., of Pittsburg.—The back numbers of this vol. were forwarded to you sometime since. Your name is entered on our mail book and all is correct so far as we can make it.

"R. & S., of N. Y."—Your papers have been received, and will be attended to as soon as possible.

"N. G. F., of N. H."—We do not see anything particularly novel in your invention, to warrant an application for letters patent.

"A. J., of Mich."—We do not remember of ever having seen a plan like the one described by you; friction rollers are, however, common property, this fact you would have ascertained had you been a reader of this journal. In reference to your latter enquiry, we assure you that every communication addressed to this office, is strictly confidential. We are much obliged for your interest in extending the circulation of the Sci. Am. \$7 received.

"S. P. O., of Ct."—Like most of the human family, you have many things yet to learn. The ideas put forth in your communication, are entirely erroneous. The subject does not admit of such constructions as you put upon it. Refer to Vol. 3, of this journal and you

will find an article fully sustaining the ideas communicated to you by letter in August last. We mean to discuss all subjects in a candid manner, and before you should have allowed your temper the mastery, more attention was required to the merits of the subject. The originators are gentlemen above your attacks. We cannot publish your article, it reflects too strongly upon the parties referred to. If you desire it however we can hand it over to them for perusal.

Will our unknown friend who sent the Cork Cutting Model, please write us again and not forget to sign his name to the next letter.—Our correspondence is so large that it would puzzle us much to cypher out names, even if they are subscribers. Don't be afraid of your name friend. We will keep it secret if you desire.

"A. T. P., of Ill."—Your observations in relation to the present Patent Laws, although somewhat stringent, are very correct, and we are glad to perceive that the mechanics in your section are awaking to the importance of having them modified. We believe in the first duty of the coming Congress, to take this matter in hand, and if possible afford adequate protection to the labors of inventors. Their interest seems not to be regarded in the least, by our law makers. We were informed not long since by a M. C., that he intended to introduce a bill for a modification of the Patent Laws, and also make efforts to render the Patent Office a trifle more useful to inventors.—Commissioner Ewbank seems very obliging, and we trust he may succeed in effecting reforms in the office. We know that strong prejudice exists among inventors against the present Board of Examiners, often without cause.

"H. F. D., of Pa."—An engraving of your invention published in the "Scientific American" would give the article more publicity than publishing a notice merely that you had such a machine (without describing it) in half the papers in the United States. Take our advice, friend, have a descriptive engraving of your apparatus first published in the Scientific American, and after that a few notices in other papers might do you some service. In bringing out a new and valuable invention nothing is more necessary to render the thing popular than by first describing the invention in some standard Scientific Journal.

"P. W. S., of Md."—We shipped one "Camera" by Adams & Co., on the 24th.

O. W., of N. Y., I. S., of Mich., and A. C., of N. Y.—The specifications and drawings of your inventions have been executed, and are remaining at this office subject to your order—call and sign your papers early, or we shall forward the documents to your respective homes by mail.

Money received on account of Patent Office business, since Oct. 17, 1849:—

J. W. C., of Ind., \$20; C. A. & Co., of Ill., \$20; T. G. U. F., of N. H., \$30; J. Du B., of Ala., \$8; F. R. S., of N. J., \$40; N. S. T., of Md., \$35; F. C. D., of Me., \$10; I. S., of Mich., \$10.

Agents.

E. W. Spaulding of Montpelier, Vt., and Dr. Wilkinson, of Brandon, are agents for the Scientific American.

ADVERTISEMENTS.

Patent Office.

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.

PATENT HOISTING MACHINE FOR SALE.—The right to manufacture, sell, and use in the State of New York, Geo. E. Warner's patent apparatus for hoisting bricks, mortar, etc., upon buildings while erecting. Letters Patent were granted on the above invention the 5th of last June, and a description published in the Scientific American page 292 Vol. 4. The right of the State of New York will be sold cheap. Address N. & C., care of Munn & Co., this office.

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

STEAM ENGINE FOR SALE.—A Steam Engine of 80 horse power, with two return flue boilers, all complete. The Engine was made by Hogg & Delamater, of this city, and has been run less than one year—cost \$6000 and will be sold for \$3000—the manufacturing company that used it having failed. Application must be post paid, to SAMUEL C. HILLS, Machinery Agent, 43 Fulton street, Who has constantly for sale, Engines, Lathes, Planers, etc. etc. 64

THE YANKEE BLADE.—A large and handsomely printed Weekly Journal, devoted to Literature, Art, Education, Morals, Criticism, Fun, News and Story Telling—and especially desirable to the Family Circle. Published every Saturday, at \$2 per annum, in advance.

OPINIONS OF THE PRESS. THE YANKEE BLADE.—Our readers need not be told that the Yankee blade is an excellent paper. The fact is known and undisputed among all communities into which the paper has been introduced and wherever the name of the paper is mentioned, its worth and accomplished editor, has been made familiar. It gives us pleasure to notice that the labors bestowed on the Blade are justly appreciated by the reading public, and that the editor finds consolation and reward, as well in its popularity, as in the more substantial evidences of friendship and patronage.

HOLDEN'S DOLLAR MAGAZINE. The present proprietor of this popular Magazine in continuing its publication is determined that it shall lose none of its merits and attractions which it possessed under its former one, and which has made it so desirable a Periodical for Family Reading.

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 State right will be furnished with a model, and by addressing the Subscriber at S. C., will have all satisfactory information given.

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.

NOTICE TO CAPITALISTS.—We are authorized, by a company in the State of Ohio, to call the attention of those interested in the manufacture of flour and woollen goods, to the sale of a large and well established concern in one of the best regions of the great State. The ill health of the partners compels them to retire from business. The full particulars in relation to the above property, may be had by personal application to the subscribers, or by letter, post-paid.

DAGUERRIAN MATERIALS.—JOHN ROACH, Optician, 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.

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.

THOMAS E. DANIELS' PLANING MACHINE.—Manufactured by HOWE, CHENEY & CO., Worcester, Mass. All orders for the above machines executed at short notice and satisfactory prices.

GUN FOR SALE.—A fine sporting Shot Gun, of English manufacture and of superior finish, for sale at this office. It belongs to one of the proprietors of this paper and will be sold for \$25. It is nearly new and cost \$50. Address "Scientific American."

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 "Scientific American," bound, 3c and 4th vols., 2.75 Scribner's Mechanics, 1.50 Ewbank's Hydraulics and Mechanics, 2.50 Morritt's Chemical Manipulations, 2.50 Ranlett's Architecture in numbers, each .50 Arnott's Gothic Architecture " " .25 Camera Lucidas, - - - - - \$6.00 MUNN & CO.

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. H. LAW. 2 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

FAIRMAN'S PATENT UNIVERSAL CHUCK, FOR LATHES.—Oliver Snow & Co.'s Hand Planing Machines, also Lathes for dentists, Jeweller's, Wood Turners, &c. Lathe Wheels, Bands, Hooks and Eyes, Circular Saws, Saw Mandrills and every other description of Tools for Machinists, Carpenter's, Coachmakers, &c., constantly on hand at WOOD'S old established Tool store, corner of Chatham and Duane streets, New York. Planes made to order and warranted. Carpenters' and amateurs' Tool Chests, &c. 49 3m*

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, 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

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, Maine, and Albany, New York. J. G. JOHNSON. Augusta, Me., Oct. 25, 1848. c2s 1y

LAP WELDED WROUGHT IRON Tubes, for Tubular Boilers, from 1 1/2 to 5 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, 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 street N. York, (between Beekman st. and Peck 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; Leigh fine Dust, and Soapstone Dust for facing stove Plates, &c. &c.; also, Black Lead Dust, for sale in Barrels, by GEORGE O. ROBERTSON, y25 4meow 303 West 17th street, New York.

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 that 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. 3tf

PHILOSOPHICAL AND CHEMICAL APPARATUS for Colleges and Schools, and Engineering Instruments.—JAMES GREEN, 175 Broadway, New York, and 43 South street, Baltimore, Manufacturer and Importer of every kind of Philosophical and Chemical Apparatus, and Optical and Mathematical Instruments, Barometers, thermometers, telescopes, Drawing Instruments, pocket Compasses, &c. wholesale and retail. Experimental Apparatus and Models made to order. 1 3m*

BARLOW & PAYNE, Patent Agents and Consulting Engineers, 69 Chancery Lane London m12 tf Patent Journal Office.