

TO CORRESPONDENTS.

"C. W., of N. Y."—The typographical appearance of your publication is not favorable to its success here, and we have been unable to find any house who would undertake the sale of them.

"S. S. R. of Tenn."—We wrote you two weeks since, giving such advice in regard to your invention, as we believed would be best. We ask for it a candid consideration. We advise you not to spend time or money upon steam carriages, but to direct your best energies, in introducing the first invention.

"G. S., of Ohio."—The substitution of gutta percha for leather or any other substance, for the manufacture of saddles, cannot be considered a patentable subject; and we are unable to discover any new feature in your method of manufacturing. Mr. Dietz, of this city, manufactures them in the same way out of raw hide. \$2 received.

"M. J., of Ill."—You had better address Messrs. Baron & Bro., they will promptly answer your enquiries in regard to price, &c.

"C. B. H., of N. Y."—In case specifications and drawings are found defective, they are returned from the Patent Office for amendment. When returned to the Patent Office again, the examination in such cases takes precedence of all new cases on hand at the time of their reception. Your papers will no doubt be examined in a few days, and the result communicated. Accept our thanks for your continued interest in extending the circulation of this journal. We shall be glad to reciprocate.

"N. B., of N. Y."—Your ideas in regard to plows are not clearly understood by us. It is better that you should build a small neat model, and send it to us for examination. \$2 received and credited for one year's subscription.

"A. H. P., of Ohio."—We do not discover sufficient novelty in your method of fastening bedsteads to warrant the expense of an application for letters patent. Very many simple contrivances for this purpose are now in use—but we cannot say whether they have been valuable to the originators or not. Your plan will, no doubt, serve the intended purpose well.

"J. McC., of Pa."—Take 1 lb. of pure copper, melt it, then add 2½ lbs. of tin. This makes a good compound for steam or water cocks. \$4 received. Each subscriber's name has been entered for six months.

"A. F. W., of Cincinnati."—The first 40 numbers of Vol. 4 could not be furnished complete. Therefore we credited you with the \$1. You can purchase the lard lamp of Endicott & Sumner, of this city.

"S. W. O., of S. C."—We have a very high opinion of Messrs. Jackson & Moirs's improved carding machine, illustrated in No. 44 Vol. 4, Sci. Am., a copy of which we have sent you. It has been well tried and gives satisfaction. We know nothing of the expense, and would advise you to communicate with them by letter. We shall write you in a few days concerning the spinning frame—in the mean time, we may learn from J. & M. the price of their machines.

"G. A., of S. C."—The numbers of Ranlett's which you ordered were sent last Saturday. For particulars concerning back Nos. of Ranlett's and Arnott's Architects, see advertisement in another column.

"J. W. C., of Ind."—The drawing of your steam governor are now in the hands of a model maker for attention. We hope to be able to get your business done before long. We are busily engaged all the while.

"G. B., Jr. of Texas."—We are now awaiting advices from you before the papers can be made out. The box of samples were received per ship Austin.

"C. & R., of Ind."—It will cost you \$2,00 to have the business attended to. We have sent you 6 copies of the patent laws, as per request. \$4 received.

"O. A. J., of Vt."—No. 3, Arnott's Architecture will be sent when issued. You can take more subscribers at the clubbing rates, as you propose. The copy books will be sent before long; you must have patience, as we have but little time to spend in collecting such orders—hope to soon.

"C. P., of Ind."—The drawing of your plow has been examined—we do not discover any patentable feature in the combination.—The X form is a well known device, and could not be claimed as new. The advantages, if any, are not referred to in the communication. If you will be more particular in stating the advantages of your plow over the ordinary kind, we will give it another examination.

"H. C. F., of R. I."—The mass do not believe as we do, but as you do. We go by facts, not fiction. Mrs. Phelps is correct, and that is in accordance with our article, and does not stultify our conclusions at all. Are you sure about the wheel in the cotton factory? We are doubtful, and we know something about it. See that the cause is not owing to the throwing off of some machinery. Do you wish to contradict the correct experiment of Sir James Ross?

"B. F., Va."—Yours has been received; we are much obliged to you, and will give it due attention.

"E. A. D., of N. Y."—We do review some reports, but you know that this is the work of a monthly, not a weekly paper. We present facts for Reviewers to review. We always review scientific pamphlets. Your improvement of the elastic band to the paper stick is good.

"E. W. D., of Mass."—The Sci. American should reach you on Saturday morning: the fault is in the P. O. The resistance on the square foot, at 2000 velocity per second, would be about 48 lbs.

"N. A., of N. Y."—We believe that your lathe is good, but could not be patented.

"A Subscriber, Boston."—We would be happy to inform you of a substitute for the common lobby hat frame, but we do not know of any.

"L. A. F., of Ind."—Eight numbers of Ranlett's Architect were sent to you by mail on the 12th inst. You will get them cheaper by mail than Express.

"J. B. F., of N. Y."—Your model has been received, and the business will be taken up as soon as we can possibly attend to it. We shall not be able to make the necessary drawings and specification for less than \$50. The whole apparatus is very complex.

"M. L. D., of N. Y."—Your favor of the 8th has been attended to, the Camera was shipped by the Genesee Valley line, on the 13th, care of Wm. Foote & Co.

"E. Q. S. Jr., of Mass."—We shall write you are opinion concerning the engine in a few days. We had not time to attend to it before going to press with the number.

O. W., of N. Y.; L. M. H., of Pa.; J. Du B., of Ala.; Mrs. M. W. O'M., of N. Y., and C. T. F., of Me.—Your specifications and drawings have been filed at the Patent Office since our last issue, and the models forwarded.

Money received on account of Patent Office business, since Nov. 7th, 1849:—

Mrs. M. W. O'M., of N. Y., \$50; C. D., & T. L. V., of Pa., \$50; A. & W. B., of Ill., \$30; O. W., of N. Y., \$28; J. H. L., of N. J., \$30; R. C., of O., \$50; and R. S. N., of N. H., \$20.

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.

MUNN & CO., 123 Fulton street, New York.

NO 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.")

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.

All letters, (post-paid,) should be addressed to MATTHEWS, STEVENS & CO., Publishers "Yankee Blade," No. 12 School street, Boston, Mass.

N. B.—Any person desirous of receiving a copy of the Yankee Blade, as a sample, can be accommodated by notifying the publishers by letter, post-paid.

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 Mathews, its worthy 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. Very recently, the Blade came to us as bright and shining, and as clear of the least particle of rust, as though it had never before been in use, and when we took it up and turned it over and over, examining its smoothness and keen glittering edge, we could not feel less than gratified at the success of our Yankee friend, and could not do less, the first opportunity, than express all that we felt.—[Godey's Philadelphia Dollar Newspaper.]

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 etc. Sold wholesale and retail at 114 John st., New York, by

QUARTERMAN & SON, Painters and Chemists.

TELESCOPE FOR SALE.—A fine five foot and a half feet reflector, with five inch aperture, Herschel and Newtonian construction combined, with equatorial movement, for sale by G. D. HISCOX, 31 Jay st., N. Y.

STEAM ENGINE FOR SALE.—A Steam Engine of 30 horse power, with two return flue boilers, all complete. The Engine was made by Hogg & Delapater, 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.

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 Camden, S. C., will have all satisfactory information given. 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, \$300; 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\*

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. 2 10\*

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 MA. CHINES.—Manufactured by HOWE, CHENEY & CO., Worcester, Mass. All orders for the above machines executed at short notice and satisfactory prices. 2 4m\*

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

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. MUNN & CO., 123 Fulton st., N. Y. 3 6\*

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 \$500. 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, Carpenters, 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; or also the necessary forms of Petition and Declaration for British Patents. PATENT OFFICE, 166 Fleet street, London. ml tf

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, 28 Platt street, New York. ml

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 Blasting; 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 5 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 the 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 D. NIEL 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 to 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. 3 tf

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, 59 Chancery Lane London ml2 tf Patent Journal Office.