

TO CORRESPONDENTS.

"C. G. of Ala."—Vols. 3 & 4 cannot be sent by mail. In answer to your enquiries respecting rotary engines, we would refer you to a copy of our paper sent this day. No enquire of that kind has ever been introduced to any extent. \$15, received, back numbers sent to each subscriber.

"J. E. of S. C."—We shall endeavor to furnish a series of articles upon tanning during the publication of this Vol. No work upon the subject can be furnished. Such a lathe as you want can be purchased of A. K. Carter of Newark, N.J. (Blanchard's Patent.) Saws of all kinds can be purchased of R. Hoe & Co. of this city.

"C. F. T. of Ky."—Wheeler's Patent Endless Chain, or Railway power, is considered as good as any, one horse \$75, two horse \$100.

Two numbers of Ranlett's Architect, have been sent by mail. Nelson E. Chaffee of Ellington, Conn., is the patentee of an improved apparatus for drying wool or cotton.

"J. C. of Phila."—We have examined the drawings of your hydrants. It is almost impossible to tell after so much has been done in hydraulic's, whether your apparatus is new or not. There seems to be some novelty in the combination, but we are not prepared to say whether there is sufficient to warrant an application for letters patent. To be candid we should not think you would ever be properly remunerated for the time and expense of applying. Under these circumstances a patent is worth nothing. If you feel satisfied of its utility you had better construct a model, and send to us for examination.

"G. W. D. of N. Y."—Numbers 27, 28, 32, 34, 35 & 36, could not be furnished, as we have none of them on hand.

"B. B. B. of Wis."—We cannot send you the last half of Vol. 4, complete, we lack 8 numbers. The \$1, has been placed to your credit.

"W. S. H. of N. Y."—We know of two edition of English works devoted to Cabinet making but they are too ancient for your use.

Dr. J. H. of Ala."—Geo. Page of Baltimore is the patentee and manufacturer of the windmill referred to in yours of the 21st ult.

"H. I. of N. Y."—The first 43 numbers of vol. 4, cannot be furnished complete, we are short some 7 numbers.

"Mrs. L. D. of N. Y."—Your business will meet further attention from us, as soon as possible.

"G. Poe of Md."—We have forwarded you a copy of our journal containing a description of the Camera. We published a series of illustrated articles upon drawing and sketching in Vol. 2. We are glad to hear that you like the "Sci. Am." You could participate in the advantages of a club.

"Z. S. D. of New Bedford."—Nos. 1 & 20 cannot be supplied, otherwise we should like your numbers.

"J. C. of Boston."—We know nothing of the information you ask for. All the parties are unknown to us.

"C. M. M. of Pa."—The wheels referred to are not used for tide mills. We have sent the numbers you ordered.

"E. F. of N. Y."—There is nothing patentable in your method of constructing a fence.—The same principle was applied for some 18 months since, without success. You had better abandon the idea of making an application.

"F. A. S. of Wis."—We shipped your horse power and thresher last week by the Troy and Ohio line, Care of Messrs, Keene & Osborn, Dartford, Wis.—via Milwaukee, the bills of lading were sent to K. & O.

"C. W. of N. Y."—The post office directory will not be published until next winter, some time after the convening of Congress. Thomas Cowperthwait & Co. of Philadelphia, published the last one in 1846.

"P. S. W. of N. C."—We cannot give you the desired information in relation to the "Bommer Manure." We are of the opinion however that it was secured by letters patent about 1843—not positive.

"G. T. H. of Va."—We published an engraving of a stump puller, similar to yours in Vol. 4, page 244, "Sci. Am."

"J. D. of Va. and G. W. K. of N. H."—

We filled your orders for Ranlett's Architect, and sent them by mail. See notice of Page's window fastener in this No.

"C. P. S. W."—We do not think so common a device as you represent, could have been secured by letters patent. The person referred to may have been one of the many travelling agents whose business is to enlighten the public. The numbers you ask for cannot be supplied.

"G. D., of N. Y."—Such information as you ask for cannot be obtained from this office, as we have no means of getting it.

"Dr. S. H. S., of Cincinnati."—Your model has been received, and we are now awaiting instructions from you. We paid \$2 expense upon the model which has been charged to your acct.

"L. A. F., of Ind."—We shall forward the numbers of Ranlett's Architect as soon as No. 2 is issued from the press, which will be in a few days. We would say to our friends that this celebrated work is now complete in 20 numbers and without doubt excels anything of the kind in the world. We are prepared to furnish them elegantly bound for \$6 per vol., or at 50 cents. per number, orders will meet prompt attention.

"C. A. R., of Va."—Your inquiries will meet attention from us as soon as the information can be obtained.

"E. C. G."—We shall examine your plan, and give it notice if it proves useful.

"D. G. S., of Pa."—Your "substitute" is not new. The same plan has been submitted to us three times within the past year. Henry Pennock patented this principle in 1820, and as late as 1843, Mr. Bowdler re-invented and attempted a patent in England but failed. The plan has been tried but does not work well except on small engines. If we had time we could point out the defects in all such contrivances. We presume however the above will satisfy.

"J. Van D., of Miss."—Such an instrument as you refer to cannot be obtained here, to our knowledge. The back numbers of Vol. 4 wanted cannot be furnished, as they are all gone, except a few odd sets.

"O. C., of Ill."—We should like very much to hear from you. The amount of Mr. P.'s bill for repairing your model has been paid, and we should like the money you withdrew from us again refunded.

"O. W., of N. Y."—The specification and one drawing of your invention was forwarded you by express on the 30th. Examine the papers thoroughly and, if right, execute them and send them back as soon as possible.

"J. E. A., of Boston."—Why do we not hear from you?

"C. D., of N. J."—The examiners at the Patent Office inform us through the Commissioner, that your invention has passed their examination and found not to possess sufficient novelty for the grant of letters patent. If you recollect the opinion we expressed in the matter, previous to the application being made, you will notice the decision of the examiners coincides precisely with our opinion, as expressed at the time we made an examination for you.

"J. C., of S. C."—You are freely allowed to reply, but do not make the articles long.

"S. M. E., of N. Y."—We are much obliged to you for the report; we will say a word about it in due season.

"A. B., of Va."—Accept our thanks for your great kindness.

T. N. F., of Mass.; J. V. S., of Ohio; C. A. J., of R. I.; O. J. R., of N. Y.; C. S. W., of Ky.; C. F. T., of Ky., and J. D. B., of S. C.—your orders for Ranlett's Architect have been filled and sent by mail.

We had several letters on hand at the time of going to press, which should have been answered this week; our friends must excuse the delay, as we are compelled to work night and day, in order to keep our business matters up to the mark.

Money received on account of Patent Office business, since Oct. 24, 1849:—

O. L. R., of N. H., \$30; C. F. S., of Pa., \$15; N. P. J., of Mass., \$45; C. N. T., of Fla., \$10; G. F. N., of Texas, \$20; F. S. T., of San Francisco, \$100 in California gold.

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.

TELESCOPE FOR SALE.—A fine five and a half feet reflector, with five inch aperture, Herschel and Newtonian construction combined, with equatorial movement, for sale by E. D. HISCOX.

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.

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. It is made up of Tales, Translations, Essays, Biography, Poetry, Sketches of History, Sentiment and Humour, Reviews, Criticisms and Topics of the month, by writers of the highest order of talent and its literary merits are unsurpassed. It is furnished at the low price of One Dollar a year, in advance, the yearly volume containing 768 pages, making it the best and cheapest Dollar Magazine published. Five copies will be furnished for \$4, and twenty copies for \$15. Letters must be addressed to HOLDEN'S DOLLAR MAGAZINE, No. 109 Nassau Street, New York, (post-paid). Money may be sent at the risk of the proprietor, provided a description of the bills are kept, and mailed in the presence of the postmaster as evidence of the fact.

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.

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 & PARSLEY, New Haven, Ct.

Munn & Co., Scientific American Office, are Agents for the above Lathes. Universal Chucks for sale at \$15.

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.

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.

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.

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: Munn's Mechanical Drawing Book, bound in calf, \$3.00; Cook's Condensing Engine, Plate and Book, 3.00; Leonard's Mechanical Principles, 1.50; "Scientific American," bound, 3d and 4th vols., 2.75; Scribner's Mechanics, 1.50; Erbank's Hydraulics and Mechanics, 2.50; Morfit'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.

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

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., 128 Fulton st., N. Y.

LAW'S NEW PLANING MACHINE.—For boards and plank, is now in operation in this city—planing, tonguing and goving 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.

SUPERIOR TURNING LATHES.—James Stewart, 15 Canal st., and 103 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.

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.

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.

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.

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, for sale in Barrels, by GEORGE D. ROBERTSON, 225 4meow 303 West 17th street, New York.

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.

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.

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.

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.

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.

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