

TO CORRESPONDENTS.

"D. D. M., of Wis."—The drawings and elaborate description of your apparatus for drying fruit have been carefully examined, and we have decided that although it possesses some novelty, it would not be advisable for you to make an application for Letters Patent upon it. The novelty of your machine consists only in the combination of well-known principles, and it would be a difficult matter for us to base a claim that could be sustained in a court of justice, even if a patent was allowed.

"J. R. S., of S. C."—If you order a copy of Minifie's Drawing Book, it must be sent by Express or some private individual. The Postmaster here has forbid us forwarding bound volumes by mail any more. We can take off the cover, if you desire, and forward it by mail; the expense will not exceed 25 cts.

"G. L., of N. Y."—The drawings of your machine for manufacturing bolts have been carefully examined, and it is evident you have much ingenuity for contriving. If you will send us a model we will express a more full opinion upon the case, after examining it: we think there is no doubt but what it is a patentable invention, judging from the imperfect drawings that you have furnished us.

"E. A. D., of N. Y."—We cannot furnish you the claims of Mr. W., unless you remit us one dollar. It is asking too much to write for copies of other people's inventions, without enclosing a single dollar to pay for transcribing: the Patent Office would charge three times as much for a copy.

"L. M., of Conn."—The information which you solicit, we cannot give. \$1 credited on subscription.

"W. H., of Mass."—An engraving of you brake, published in the Scientific American, will cost you \$8. If you wish a cut prepared for you, please notify us at once by enclosing the amount in a letter, and forward to our address.

"J. R., of Conn."—In volume 2 of the Sci. Am., you will find a series of articles on Electro-plating, among which is the particular receipt to which you refer.

"D. V., of O."—We should be pleased to receive a communication from you on steam explosions and if you advance any new ideas they shall have a place in the Sci. Am.

"T. R., of Pa."—You could not obtain a patent for the contrivance described in yours of the 15th. We have seen the same device before.

"C. W., of N. Y."—We accept of your proposition, under the circumstances referred to.

"J. I., of Ohio."—We could not advise you to patent the invention abroad, unless you intend to manage it yourself. Parties are very scarce here who will advance money for foreign patents. You could undoubtedly get one, as we see nothing to prevent it.

"S. M., of Ala."—We forwarded you Gilroy's work immediately upon the receipt of your former letter, and presume you have received it before this time.

"C. W. M., of Geo."—A 6 inch compass the kind most used, is worth \$26; chain, 4 pole \$2,50; case of instruments from \$10 to \$15. Can be sent to Charleston by steamer. Dont know the charge.

"C. S. H., of Pa."—Speaking tubes are in extensive use here and elsewhere, and we think Gutta Percha is now used for that purpose: \$2 received, and the detector sent.

"O. E., of Mass."—Your application must await its turn for examination at the Patent Office, and the result will be duly reported. We think your washer will take well, at any rate, we see nothing to prevent. We cannot, however, tell how it may take among the thousands now employed in California. You had better sell all you can to those who are intending to go.

"J. K. H., of Ala."—Your favor came safe and each name has been entered for one years' subscription. The best and safest way to send the model will be to ship it from Mobile; we receive many in that way.

"A. H. R., of Pa."—We have entered Mr. B.'s name for one year, and have not sent the Report.

"S. S., of Ala."—Your method of constructing an alarm, is altogether a new one to us. A portion of the operation would be very disagreeable to a lazy man, and you must despair of any patronage from such. We are of the opinion that you never will make a fortune out of it.

"W. C. C., of Ala."—We cannot give you the price, nor the place where J. E. Gowen & Co.'s Submarine Armor can be had.

"E. G. M., of Troy."—The drawings of your Shingle machine have been examined:—we believe you have hit upon a new and good plan, and advise that you construct a model without delay and forward it to this office.

"R. C., of Geo."—You can put yourself in communication with the owner of Dr. Potts' Pile Driver, by addressing him according to reference given in No. 21, which you will please refer to. The Excavating machine is an English invention; they cannot be had in this country.

"M. S. N., of N. Y."—In Blanchard's patent the material and pattern both revolve. Patterns are not new.

"W. N., of Ill."—The principles of your hay press are the same as those found in the Cotton Press of Wm. Mudge, of Geo., and some others that we know of. The Press is a good one, but we do not think a patent could be secured for it.

"A. S. D., of N. Y."—Before receiving your letter we had advised J. W. & Co., where such machinery as they wanted could be had.

"E. A., of N. C."—You can obtain such a machine as you want of Jesse Leavens, Palmer, Mass. You will see his advertisement on this page.

"C. H. G., of N. H."—We have no such works as you refer to.

"S. C. A., of Miss."—The beans should first be ground, and then pressed in a strong common press. If you want a larger quantity of oil, the beans should be warmed; by this process, however, the oil would not be as good as that produced by the cold press. We do not sell the lathe referred to; the information should be obtained of the inventor. Book sent as ordered.

"W. C. S., of Richmond."—The Excavating machine is an English invention, and we have no knowledge of it more than we have given.

"G. W. C., of Pa."—You can obtain a Portable Forge of Edward Flagler, of this city—prices vary according to size; for further particulars address him. Isaac Munden has recently obtained a patent for an excellent machine for boxing wagon hubs, he resides in Allegheny City, Pa.

"S. G., of N. H."—We cannot comprehend fully the advantages to be derived from your self-moving power, and allow us to say that this point can only be determined by experiments. We are often surprised when we hear of mechanics spending 10 or 15 years over such contrivances, and although we do not know what you may have done after 40 years' study, still we believe that your plan will never result to your benefit.

F. R. B., of Ill."—We should think the lathe could be shipped safe, by some line, to you. It might be sent along with some merchant's goods. Mr. M. will need to send \$1 additional to complete this year.

"J. P. N., of N. Y."—We do not think a patent could be obtained for your Syphon. It is different from the one referred to.

"J. C., of N. Y."—You will have to wait 5 months before you can file a Caveat. We did not understand your former query.

"G. A. I., of Ky."—At present we do not know where a one horse engine and boiler could be purchased, but your letter has been filed, and will be attended to in case we are able to find one.

Money received on account of Patent Office business, since March 5, 1850:—

P. J. C., of Conn., \$30; C. R., of La., \$30; McC & N., of Mass., \$50; V. P., of Ia., \$20; S. & H., of Mass., \$25; R. G. B., of Conn., \$30; T. N. S., of N. Y., \$25; and G. F., of Me. \$30.

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" 16 lines, \$1.00 " "

Advertisements must not exceed 16 lines, and cuts cannot be inserted in connection with them for any price.

A LIST OF VALUABLE SCIENTIFIC AND MECHANICAL BOOKS,

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Ranlett's Architecture, 2 Vols., bound, - \$12.00
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THE GRAEFENBERG MANUAL OF HEALTH.—The Manual of Health just published by the Graefenberg Company, 7 parts, 300 pages, 12mo. This is the most useful and comprehensive, as well as the cheapest medical work extant, and should be in the hands of every family. Part 1st contains an account of the different medical theories of the present day, both good and bad, and their relation to the health of the community. Part 2d presents a new doctrine: The Americo-Graefenberg System, which need but be understood to command the confidence of the whole community. Part 3d describes the causes, symptoms and treatment of almost every form of disease, including those diseases peculiar to females and children, useful to all classes, even to physicians, as a hand-book. Part 4th contains important directions for preserving health, &c. Part 5th, Hints for Nurses, treatment of persons recovering from sickness, cookery for the sick, &c. Part 6th, Domestic remedies described, including mode of raising and preserving medicinal roots, &c., making lotions, poultices, colognes, cosmetics, &c. Part 7th contains a collection of useful tables, recipes, &c. For sale at the office of the Graefenberg Co., 50 Broadway, and by booksellers generally. Price 50 cents. Liberal discount to dealers.

NOTICE TO POSTMASTERS.—As it is the wish of the Company to distribute this work extensively, any Post Master forwarding \$2 for four copies shall be entitled to one copy gratis.

MACHINERY.—S. C. HILLS, No. 43 Fulton Street, N. Y., dealer in Steam Engines, Boilers, Iron Planes, Lathes, Universal Chucks, Drills, Kase's, Von Schmidt's, and other Pumps, Johnson's Shingle machines, Woodworth's, Daniel's and Law's Planing machines, Dick's Presses, Punches, and Shears; Morticing and Tenoning Machines, Belting, machinery oil; Beal's patent Cob and Corn Mills; Burr Mill, and Grinstones, Lead and Iron Pipe, &c. Letters to be noticed must be post paid. 26 ct

STIVEN'S PATENT EPICYCLOIDAL ROTARY PUMP.—Alexander Stiven's most respectfully invites the attention of shipowners and captains of ships, the proprietors of buildings, spirit dealers, and beer sellers, and the public generally, to his unequalled Rotary Pump. An examination is only necessary to satisfy any person of its utility. I can be seen at the workshop, 70 1-2 Bovey, in the rear, or at JOHN WHITAKER'S, Harmony Hall, No. 17 Centre street, where one is placed for public inspection. Patent rights for sale. 24 3*

THE AMERICAN TURBINE WATER WHEEL. is illustrated in Vol. 5, No. 3, of the Scientific American. The subscriber offers rights for sale by counties, in the States of New Hampshire and Massachusetts, and the counties of Westchester, Putnam, Dutchess, Columbia, Rensselaer, and Washington, in the State of New York. All communications addressed to him at Valatia, Columbia Co., N. Y., will receive prompt attention. 24 4*

THOMAS J. WELLS, WOULD RESPECTFULLY inform his friends and the public in general that although he is executing large orders of planing and saw-mill machinery for San Francisco and Oregon, he has not "gone to California," and if any of his patent splitting, scroll, or timber saw-mills are wanted, he is still "at home," and prepared to fill with promptness any order in his line, at foot of Twenty-ninth st., N. Y. 24 2*

SASH AND BLIND MACHINE.—Patented by Jesse Leavens, of Springfield, Mass., is the best Sash and Blind Machine now in use. The Machine cost \$300 at the shop where they are made, near Springfield—extra charge for the right of using. The machine does all to a Window Sash and Blind except putting them together. Orders from abroad will be promptly attended to, by addressing JESSE LEAVENS, Palmer Depot, Mass. 22 20*

FOUNDRY PIG IRON.—Scotch and American—for sale on best terms by G. O. ROBERTSON, No. 4 Liberty Place (near the Post Office), New York. N. B. Foundry Sea Coal Dust, Charcoal Blacking, pulverized Black Lead, and Soapstone—always on hand. 25 2*

LAP WELDED WROUGHT IRON TUBES, for Tubular Boilers, from 1 1/4 to 7 inches in diameter.—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 & SON, Patentees, 28 Platt street, New York. m1

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. 31*

Patent Office.

128 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. Arrangements have been made with Messrs. Barlow and Payne, Patent Attorneys, in London, for procuring Letters Patent in Great Britain and France, with great facility and dispatch. MUNN & CO., 128 Fultonstreet, New York.

WILEY'S PATENT BORING MACHINE.—For Boring Window Blinds.—The subscriber is now fully prepared to furnish this new and useful machine to those in want. For full particulars see Engraving and Description in No. 27, Vol. 4, this paper: or by addressing the subscriber (post-paid) any information can be obtained. 25 6* JOHN WILEY, South Reading, Mass.

NORTHERN PATENT AGENCY, No. 2 John street, New York. A. L. SMITH, Agent. Depot for New Inventions. The design of this Agency and its connections, is to establish points where the public may readily find all new and meritorious inventions. Inventors lacking means or time to devote to their improvements, may here negotiate to have them manufactured, advertised and sold, and the Rights disposed of, without furnishing capital themselves or risking a dollar in the effort. Persons having articles of real merit, either patented or not, are invited to deposit them here for inspection, free of charge. As this office has connection with similar ones in Philadelphia, Boston, Baltimore, and New Orleans, all articles in charge will have a simultaneous issue and advertisement in those cities, and when arrangements are completed, throughout the United States. Communications must be post paid. 23 4*

MANUFACTURERS' SUPPLY STORE.—The subscribers would call the attention of manufacturers generally, to his stock of articles for the use of factories, both cotton and wollen, consisting of every variety and kind used by them, which he can offer at as fair rates as any other establishment in this or any other market. He has also constantly on hand a full assortment of Leather Belting, revetted, stretched, and cemented, of all sizes, made from the best material, and in the best manner, warranted equal, if not superior to any made in this country, and at prices which must be satisfactory to those wishing a superior article. He is also agent for the sale of Cotton and Woolen Machinery of the most improved kinds. Those favoring him with a call will be satisfied, both in regard to quality and price. P. A. LEONARD, 66 Beaver st. 23 3m*

SCRANTON & PARSHLY, New Haven, Conn. have just finished and will sell, to the first who will fork over the cash, 2 splendid side Lathes, 12 feet long, swings 25 in., weighs 2500 pounds, with back and screw gearing—centre follower, rest, drill chuck, and overhead reversing pulleys—all complete, price \$800. It is a rare chance for those in want of Lathes. Also, 7 of those 8 feet Lathes, a \$125; each. The fact that 5 of them have been sold within the last 10 days, is all that need be said. Send the money and we will ship to your order. Other Lathes (large 2d lathe excepted) as heretofore advertised in this paper, for sale at low prices as usual. 22 tf

TO PAINTERS AND OTHERS.—American Anatomic Drier, Electro Chemical graining colors, Electro Negative gold size, and Chemical Oil Stove Polish. The Drier, improves in quality, by age—is adapted to all kinds of paints, and also to Printers' inks and colors. The above articles are compounded upon known chemical laws, and are submitted to the public without further comment. Manufactured and sold wholesale and retail at 114 John st., New York, and Flushing, L. I., N. Y., by QUARTERMAN & SON, Painters and Chemists N. B.—The drier for printers' inks will effect a great saving, as the boiled oil, used by painters, will answer the purpose, without further preparation.

TO RAILROAD COMPANIES, ETC.—The undersigned has at last succeeded in constructing and securing by letters patent, a Spring Pad-lock which is secure, and cannot be knocked open with a stick, like other Spring locks, and therefore particularly useful for locking Cars, and Switches, etc. Made of different sizes to suit the purchaser. Companies that are in want of a good Pad-lock, can have open samples sent them that they may examine and judge for themselves, by sending their address to C. LIEBRICH, 18 10* 46 South 8th St., Philadelphia.

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

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