

TO CORRESPONDENTS.

"J. Y. P., of Ohio."—Scott's work is in two volumes, and are quite large. They would have to be sent by Express. The Principia and Manual have been forwarded by mail.

"C. H. C., of Mass."—If any claim could be granted it must be based upon the particular construction of the beater, and not upon the method of operating it. This device is well known and could not be patented. We are of the opinion that the beater is new, and advise you to construct a model and forward it to this office for further examination. This is all we can say at present.

"J. B., of S. C."—Your business has been delayed considerably. We shall write you in a few days.

"S. H. B., of Va."—We have handed your communication to Mr. B. for attention. The agents for Mr. R., are not authorized, we presume, to negotiate sales in your region. We would give our opinion in favor of Mr. B.'s plan.

"G. S. H. & Co., of S. C."—Machines for making bolts and forming the heads are in use, but we do not know where they are manufactured; perhaps some one in the business who may chance to see this will furnish us with the necessary information.

"A. S. L., of N. Y."—We see nothing patentable in your device, and advise you not to spend any money upon it.

"H. G. B., of Conn."—Is informed that there is nothing new in his plan for carriages; the same principle was patented a few years since.

"M. K., of N. Y."—Hereafter we will acknowledge the proposition made in yours of the 13th. In each communication please to state the amount your due, and it will be placed to your credit as you propose.

"E. T. B., of Ohio."—We forwarded to you on the 15th inst., two copies of the Sci. Am., Nos. 20 and 25. In the latter you will find illustrated an invention so much like yours (as we understand it) that you could not claim to be the original inventor.

"A. C. C., of Mass."—We do not know how great the demand would be for such a machine. They are now in use by confectioners, and we presume every large concern uses them.

"C. M. of Ohio."—The sketch of your Thermometer Churn has been examined; cylindrical churns with thermometers attached, and double metallic sides and bottoms, in which ice, cold or warm water may be placed to regulate the temperature, are now in use: John Mayer & Co., of this city, have them for sale. You could not patent the one represented.

"W. G. H., of Pa."—You could not use the reaper with your improvement without Mr. H.'s consent. A patent would be useless under those circumstances. If it could be applied independently you might be warranted in making an application. Perhaps you could arrange the matter with him.

"J. B., of Mass."—Please give us the date of the patent you refer to, and we will investigate the matter to your satisfaction. This will save us some trouble.

"S. T. H., of Va."—You could not obtain a patent for the device submitted for examination; by reference to No. 17 of the present volume you will find an engraving of the same principle. It is impossible for us to say how much you could or could not make by the purchase of the patent referred to; a moment's reflection will show you the absurdity of such a question.

"A. J. S., of Geo."—The drawings of your hive have been examined. We think the improvement over the other decidedly good. Upon receipt of the model you will hear from us by letter.

"J. W. S. of Ill."—We do not think it advisable to apply for a patent. The thing in itself may be new, but the want of it is not felt, you will no doubt agree with us on this point. \$1 received and credited.

"H. B. T. of Vt."—We think your brake to be both new and useful. You had better construct a model showing the connection and operation more fully. It can be made of wood painted over—send it to this office when complete.

"S. K. of Ind."—Your papers have just come to hand. They will be examined, and an opinion concerning a re-issue of the patent given.

"S. A., of Geo."—No person could rightfully patent from your suggestions; it would be perjury to do so, for in making an application the applicant is required to make oath that the invention is his. In case two persons invent the same thing, the question would arise as to which was the first inventor.

"J. R. V. T., of Ohio."—Take three vessels of muriatic acid, weakened by water to stand 1 by Twaddle's Hydrometer, each made up in the same way; put the brass for five minutes into the first, and two or three minutes into the other two, then put it into soft cold water, and wash it well. It should then be put into warm water and afterwards varnished.

"E. W. K., of N. H."—The principle of regulating the vice is new and sufficiently novel, in our opinion, to warrant an application for letters patent. You had better send a model to this office. We have been delayed in answering this by a press of business.

"G. G. H., of Pa."—We think a patent can be obtained on the Railroad Frog; it is different from any other we have seen. The present model will answer the purpose for the Patent Office.

"T. B., of N. Y."—We shall examine your subject in time for next week's issue. It strikes us at first sight that the principle is not new.

"G. C., of N. Y."—We wrote you a day or two since in regard to your model. Please attend to the order.

"H. W. B., of N. Y."—Why don't you furnish a new model for the Patent Office? the letters will be granted as soon as you attend to it. The delay can be of no advantage to you whatever.

"R. H. T., of Mass."—We do not discover any thing new in the principle of your pump. It is simply a modification of the one invented by Mr. West, of this city, some time since. It will work without doubt, but could not in our opinion be patented.

Money received on account of Patent Office business, since August 13th, 1850:—

A. C., of Mass., \$20; C. S., of N. Y., \$130; F. C. G., of N. J., \$60; G. D. P. of Me., \$45, and R. D. P., of Del., \$60.

Patent Claims.

Persons desiring the claims of any invention which has been patented within fourteen years can obtain a copy by addressing a letter to this office; stating the name of the patentee, and the year the patent was granted (adding the month of the year when convenient), and enclosing one dollar as fees for copying.

Back Volumes Scientific American.

We are obliged to inform our patrons that complete sets of all the past Volumes are entirely exhausted.

Those desiring to secure Volume 5 but have delayed subscribing at first, are advised to remit \$2 without delay or they may be disappointed in getting a volume at all, should they wait until the Nos. are all published?

Erratum.

In the description of Hubbell's Solar Magnetic Engine, in our last number, the figures 9 and 10 are transposed: fig. 9 should be referred to as 10, and vice versa.

Important Notice to us!

Whenever any of 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.

Terms of Advertising.

One square of 8 lines, 50 cents for each insertion.
 " 12 lines, 75 cts., " "
 " 16 lines, \$1.00 " "
 Advertisements should not exceed 16 lines, and cuts cannot be inserted in connection with them for any price.

BURR MILL STONES.—We have made arrangements which will enable us to supply all kinds of French Burr, Holland and Eoopus Mill Stones of the best material and manufacture, at the lowest prices. Burr Mill Stones made to order and warranted to be of the best quality; Burr Blocks for sale.—Orders addressed to MUNN & CO., post-paid, at this Office, will meet with prompt attention. 41tf

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.

AMERICAN AND FOREIGN PATENT AGENCY.

WE WOULD remind our numerous friends throughout the country, that we still continue to conduct the business of procuring Letters Patent for new inventions in this and all foreign countries, where the right is recognized. Since making arrangements with those eminent attorneys, Messrs. Barlow, Payne & Parken, Editors of the London Patent Journal, we have secured and managed through them, several foreign applications, with the utmost economy and facility. Inventors and others, desiring advice upon this subject, can correspond confidentially with the Editors of this paper.

PATENT ROCK DRILLING MACHINE.

The celebrated Rock Drilling Machine, invented by Messrs. Foster & Bailey, of this city, and described with an engraving on page 153 of Vol. 3 of the Scientific American; is now offered for sale in rights to suit purchasers. The machine has been thoroughly tested upon all kinds of rock, and its superiority over every other drilling machine that has yet been invented, must be apparent to every one who has had experience in using machines for this purpose. A silver medal was awarded to the inventors by the American Institute, and while it was exhibiting at the Fair for a few days, it attracted crowds to witness its simple but successful operation. A model of the machine, with the "Silver Medal," may be seen at the Scientific American Office, and any letters of enquiry concerning the purchase of rights may be addressed, (post-paid) to MUNN & CO.

P. S.—A valid patent is secured on the above, and the public are cautioned not to infringe the claims. Patent Rights for sale for any State, county, or section, and working drawings furnished to the purchaser. 47tf

A LIST OF VALUABLE SCIENTIFIC AND MECHANICAL BOOKS.

FOR SALE AT THE SCIENTIFIC AMERICAN OFFICE.

Ranlett's Architecture, 2 Vols., bound, ..	\$12.00
Minifie's Drawing Book, ..	3.00
"Scientific American," Vol. 4, 40 Nos., unbound, 1,000 scripition ..	3.00
Scribner's Mechanics, Tuck, Gilt, ..	1.25
Treatise on Marine and Naval Architecture, — published monthly, 12 Nos., each ..	.75
Leonard's Mechanical Principia, ..	1.50
Mahan's Civil Engineering, ..	3.00
Morritt's Chemical Manipulations, ..	2.50
Annual of Scientific Discovery for 1850, ..	1.00
Duggan's great work on the Stone, Iron, and Wood Bridges, Viaducts, &c., of the United States' Railroads. Published monthly in parts to be completed in 12 parts. Parts 1, 2, 3, 4, and 5 now ready, each ..	.75
N. B. This work is supplied to subscribers only.	
Graefenberg Manual of Health, (noticed in No. 41), an excellent work, bound, 75cts., unbound, .50 N. B. The latter sent by mail.	.50
Foote's Counterfeit Detector, a new and enlarged edition, with glass, mailable. ..	1.00

PROSSER'S PATENT LAP-WELDED

Boiler Tubes—Diameter, Number and Length of each at date:—

Inches.	In Stock.	Afloat.
1 1-4	999	7-0
1 1-2	137	10-6
1 3-4	33	10-6
2	350	10-0
2	775	12-0
2	944	14-0
2	1273	15-0
2	66	6-6
2	119	4-10
2 1-4	355	15-0
2 1-2	252	15-0
2 3-4	349	15-0
3	—	15-0
4	27	15-0
5	1	15-0
6	14	15-0

THOS. PROSSER & SON, Patentees,
 August 20, 1850. 28 Platt st., New York.

BRUSH'S IMPROVED DOUBLE-ACTING LIFT AND FORCE PUMP.—From the increased facilities of the subscriber, he is now prepared to furnish, at a reduced price, the most efficient, powerful, durable and yet simple Lift and Force Pump in use. For a house pump, factories, breweries, railroad stations, or any other purpose where a constant stream of water is required, they cannot be surpassed. The public are cautioned against an article purporting to be Brush's Pump, but are invited to call at or address 83 Pike Slip, and get the original. J. A. BRUSH, Inventor. 493m*

TO INVENTORS.—The subscriber wishes to purchase the whole or part of some new, useful and patentable article adapted to the use of Housekeepers. Some labor-saving machine, (except washing machine) that can be introduced into any and every family,—a patented article would be preferred. As this article will be sold principally in the States of Ohio, Kentucky, and Indiana, it will not interfere with sales in any other States. Any person having "anything new" in the housekeeping line they wish to sell will please address, (post-paid) WILLIAM BURNETT, No. 14 East Fourth st., Cincinnati Ohio. 49 4*

CUTTING ENGINE FOR SALE.—The subscribers have for sale a superior and handsomely finished Cutting Engine, for cutting either spur, bevel or spiral gearing, in infinite variety, from the smallest up to 5 feet in diameter, the index having 26,000 holes. The machine has been but little used, and when new cost \$700, and is supplied with iron cones, loose and tight pulleys for driving belts. Address TALLCOT & CANFIELD, Oswego, N. Y. 47 4*

JUST ISSUED.—A new edition of Minifie's Mechanical Drawing Book, substantially bound in paper, which can be forwarded through the mail.—Price \$3. For sale by MUNN & CO., Agents, New York. 42tf.

WILLIAM HOVEY'S PATENT SPIRAL CYLINDER STRAW CUTTERS are now manufactured by the Patentee, at Worcester, Mass., and not by C. Hovey & Co., their license to build and sell these celebrated machines having expired. No persons in Worcester have any right to make or sell these machines, except the patentee. All offered to the public as Hovey's Cylinder Straw Cutters may be considered spurious, unless the knives are attached to wings, cast on the cylinder, by nuts and screws, with set screws to adjust them on the cylinder. These machines are for sale in this city by John Mayher & Co., 197 Water st. WM. HOVEY, Patentee, New York, Aug. 16, 1850. 493*

12 POWER PLANING MACHINES.—SCRANTON & PARSHLEY, New Haven, Conn., have now finishing off 12 power Planers that will plane 8 feet long, 27 inches wide and 24 inches high; these planers are of the first quality, are self-feeding every way; the table is worked by a rack and pinion; the bed is 12 feet long. With each planer there is a splitting head and counter shaft, pulleys and hangers. They weigh about 4000 lbs., the price, boxed and ready to ship, is \$825. Also 12 hand lathes, with back gear on iron shears, and legs 7 feet long, swing 20 inches, about 700 lbs. weight—\$75. These lathes are of the first quality. 45tf

ALCOTT'S CONCENTRIC LATHES.—We have on hand a few of these celebrated Lathes, which the inventor informs us will execute superior work at the following rates:— Windsor Chair Legs and Pillars, 1000 per 11 hours. Rods and Rooms, 2000; Hoe Handles, 500; Fork Handles, 500; Broom Handles, 150, per 11 hours. This Lathe is capable of turning under two inches diameter, with only the trouble of changing the dies and pattern to the size required. It will turn smooth over swells or depressions of 3-4 to the inch, and work as smoothly as on a straight line, and does excellent work. Sold without frames for the low price of \$25—boxed and shipped, with directions for setting up. Address, (post paid), MUNN & CO., 14tf At this Office

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 43tf

COTTON, WOOLEN AND SILK MANUFACTURERS' DEPOT.—ANDREWS & JESUP, No. 70 Pine st., N. Y., dealers in articles for the use of Cotton, Woolen and silk manufacturers, and agents for the sale of shearing, carding, burring, napping, wool-picking, flock-cutting and waste machines, regulators, satines, and jean warps, &c. Weavers' reeds and heddles, bobbins and spools, of every description, made to order. Sperm, lard and olive oils and oil soap. 46tf

APPARATUS FOR BORING CYLINDERS for sale.—Price \$500, originally cost \$1000, and is as good as new.—A Vertical Boring Machine, eleven feet long, with apparatus for correctly boring iron cylinders of any size, from 8 inches to 4 feet diameter. This machine is in good order and complete, and the only reason for its being offered for sale is on the ground of the owner relinquishing business. The machinery will be properly packed and placed on shipboard for the price above specified, (\$500.) Letters concerning it may be addressed (post-paid) to this office. MUNN & CO. 46 tf

WOOD'S PATENT SHINGLE MACHINES.—These excellent machines, illustrated and described in No. 23, Vol. 5, Scientific American, are offered for sale in Town, County and State Rights, or by single machines. There are three sizes, the first cuts an 18 inch shingle, price, \$100; 2nd cuts 24 inch, price \$110; 3rd, 25 inch, \$120. Orders addressed to J. D. Johnson, Redding Ridge, Conn., or to Munn & Co., "Sci. Am." Office, will meet prompt attention. The above machine can be seen in successful operation at P. R. Roach's mills, No. 139 Bank st., this city. 36tf

TO MACHINISTS.—The 6 feet Planing Machine offered for sale, by Faulkner & Lewis, in the four previous numbers of this paper, is now offered for the low sum of \$500. The finish is unexceptionably good in every particular, is worked by three pulleys and one belt; the speed is 3-40 back to one forward; the rack is divided into fifths, which enables it to plane perfectly smooth, which can be tested before purchasing. 46 4*

MACHINERY.—S. C. HILLS, No. 12 Platt Street, N. Y., dealer in Steam Engines, Boilers, Iron Planers, 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 Grindstones, Lead and Iron Pipe, &c. Letters to be noticed must be post paid. 46tf

MATTEAWAN MACHINE WORKS.—Locomotive Engines, of every size and pattern. Also tenders, wheels, axles, and other railroad machinery. Stationary engines, boilers, &c. Arranged for driving cotton, woolen and other mill. Cotton and woolen machinery of every description, embodying all the modern improvements. Mill gearing, from probably the most extensive assortment of patterns in this line, in any section of the country. Tools, turning lathes, slabbing, planing, cutting and drilling machines. Together with all other tools required in machine shops. Apply at the Matteawan Co. Work, Fishkill Landing, N. Y., or at No. 85 Beaver st. New York City, to WILLIAM B. LEONARD, Agent. 40tf

WOODWORTH'S PLANING MACHINE—For sale, the right to use this justly celebrated labor-saving machine in the following States, viz. Pennsylvania west of the Allegheny Mountains, Virginia west of the Blue Ridge, Ohio, Indiana, Kentucky, Tennessee, Wisconsin, Iowa, Missouri, Arkansas, Texas, Louisiana, Florida, Alabama and Mississippi. For particulars apply to the Proprietor, ELISHA BLOOMER, 304 Broadway. 45 6*

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 that can be had gratis on application. JOSEPH P. PIRSSON, Civil Engineer, Office 5 Wall street, New York. 33tf