



W. A. P., of Mass.—You do not describe your railroad invention. We cannot, therefore, judge whether or not it is good for anything.

F. R., of N. Y.—We have examined your electric-magnetic engine. It seems to possess some novelty in the arrangement of its parts, but the principle by which the rotary motion is produced has been applied before.

B. F. H., of Ohio.—We do not understand your question. You ask, "Will a syphon draw through 200 feet of pipe with a fall of seven feet?"

H. N. O., of Texas.—We are glad to hear that you have resolved not to cover the light of your genius under a bushel. Many celebrated inventors have been called fools in their day by those who know nothing of the characteristics of men of genius.

E. H. F., of S. C.—The sketch of your rotary pump has been examined. We are obliged to inform you that it does not possess anything new or patentable.

S. Y. of N. Y.—We are glad you have received your patent, and we thank you for your complimentary remarks on our mode of doing your business.

A. H. R., of Mich.—We have never seen the work called the "Tinman's Guide," and do not know who is its publisher.

J. C. D. & B., of Mich.—The plating of metals with silver is performed with the galvanic battery; but you can silverize them by any of the receipts published in recent numbers of the Sci. Am.

J. D. A., of Ohio.—There is nothing patentable in your invention. The principle of the arrangement of the pistons is substantially the same as that of an old English invention, known as Bodmer's Engine.

W. M. A., of Ohio.—Clock gearing has been applied to operate fans for brushing away insects. There is no chance for a patent on the plow shown in your letter of the 25th inst.

J. A. B., of Ky.—We cannot furnish you with the receipts of Moffitt's Life Pills and Phenix Bitters.

E. W. Force, New Freedom, York Co., Pa.—Wishes to purchase a quarter cut-off second-hand steam engine of about 60 horse power.

J. C. P., of La.—We do not think it possible to construct a machine that will harvest grass and wheat perfectly—what can be adapted to cutting corn stalks.

A. L. L., of Conn.—Good drawing tools are quite costly. Your best way will be to select them yourself. We fear we could not suit you. The cost will be from \$5 to \$75, according to number and finish.

A. L. Flood, of Boston, Mass., wants a copy of Cupper's workon stair building.

A. B. C., of Boston.—Can address a line to S. R. Fuller of Hudson, N. Y., in regard to buckwheat huller.

W. J. W., of Geo.—You can procure such an engine as you want of Wm. Burdon, 102 Front street, Brooklyn. \$2 received.

G. C. D., of N. Y.—Look back over our paper for a year past and you will see several engravings of new windmills: among so many good ones we cannot say which is the best. Read the descriptions and satisfy yourself. Address the inventors for prices.

T. C. H., of Boston.—If the African india rubber were oiled for a considerable period—how long would have to be tested by experiment—we think its sticky character would be removed.

S. V. of Phila.—You no doubt can find good works on acoustics in any of the bookstores in your city.

Money received at the SCIENTIFIC AMERICAN Office, on account of Patent Office business for the week ending Saturday, Nov. 1, 1856.—

G. L. of Ill. \$25; W. B. of Tenn. \$30; S. B. H. of N. Y. \$25; N. L. of N. J. \$30; G. S. of Mass. \$25; G. W. D. of N. Y. \$25; L. A. H., of Ill. \$30; R. D. of Vt. \$30; E. E. of Ill. \$40; F. H. of N. Y. \$30; A. E. W. of Iowa, \$30; C. W. of Conn. \$25; A. P. G. of Mo. \$10; T. V. of Cal. \$20; A. S. B. of Mass. \$10; W. D. A. of N. Y. \$250; T. H. of Pa. \$25; J. S. of O. \$20; S. E. T. of N. Y. \$30; S. P. W. of N. Y. \$30; N. J. M. of Ind. \$40; L. M. of Pa. \$25; J. G. & G. of Vt. \$25; J. W. R. of Ohio \$50; T. F. H. of Ohio \$30; W. M., of Mass. \$25; S. W. R. of Mass. \$30; G. W. S. of Conn. \$30; J. S. B. of N. Y. \$25; J. J. W. of N. Y. \$25; C. & McD. of L. I. \$25; S. L. H. of N. Y. \$25; I. V. F. of N. Y. \$55.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Nov. 1.—

G. S. of Mass.; T. R. H. of Conn.; J. S. B. of N. Y.; G. W. D. of N. Y.; J. J. W. of N. Y.; G. L. of Ill.; S. B. H. of N. Y.; L. M. of Pa.; C. H. B. of N. Y.; A. B. W. of Ct.; T. V. of Cal.; C. & McD. of L. I.; E. & G. of Vt.; E. F. of Conn.; T. H. of Pa.; C. W. of Ct.; W. M. of Mass.; S. L. H. of N. Y.; J. H., Jr., of N. Y.

Important Items. Subscribers to the SCIENTIFIC AMERICAN who fail to get their papers regularly will oblige the publishers by stating their complaints in writing. Those who may have missed certain numbers can usually have them supplied by addressing a note to the office of publication.

To THE PRESS.—Any newspaper or publication which is entitled to the SCIENTIFIC AMERICAN on the terms prescribed in the Circular which was sent from this office a few weeks ago, and does not receive it regular, is requested to make complaint to this office, when the omission shall be promptly corrected.

INVENTORS SENDING MODELS to our address should always enclose the express receipt, showing that the transit expenses have been prepaid. By observing this rule we are able, in a great majority of cases, to prevent the collection of double charges. Express companies, either through carelessness or design, often neglect to mark their paid packages, and thus, without the receipt to confront them, they mulct their customers at each end of the route. Look out for them.

A WORD OF WARNING.—To those who have procrastinated in renewing their subscriptions, but still design to remit in a few days, we would say, be careful and not delay too long. The back numbers of the present volume are running low, and some of our friends are going to be disappointed, by and by, when they send in their subscriptions, and order the back numbers, by a short reply back. "Back numbers all gone."

Terms of Advertising. Twenty-five cents a line each insertion. We respectfully request that our patrons will make their advertisements as short as possible. Engravings cannot be admitted into the advertising columns. All advertisements must be paid for before inserting.

IMPORTANT TO INVENTORS.

THE UNDERSIGNED having had TEN years' practical experience in soliciting PATENTS in this and foreign countries, beg to give notice that they continue to offer their services to all who may desire to secure Patents at home or abroad.

Over three thousand Letters Patent have been issued, whose papers were prepared at this Office, and on an average fifteen, or one-third of all the Patents issued each week, are on cases which are prepared at our Agency. An able corps of Engineers, Examiners, Draftsmen, and Specification writers are in constant employment, which renders us able to prepare applications on the shortest notice, while the experience of a long practice, and facility in the use of the pen, enable us to give the most correct counsels to inventors in regard to the patentability of inventions placed before us for examination.

Private consultations respecting the patentability of inventions are held free of charge, with inventors, at our office, from 9 A. M., until 4 P. M. Parties residing at a distance are informed that it is generally unnecessary for them to incur the expense of attending in person, as all the steps necessary to secure a patent can be arranged by letter. A rough sketch and description of the improvement should be first forwarded, which we will examine and give an opinion as to patentability, without charge. Models and fees can be sent with safety from any part of the country, by express, and this especially so, as New York is more accessible than any other city in our country.

Circulars of information will be sent free of postage to any one wishing to learn the preliminary steps towards making an application.

In addition to the advantages which the long experience and great success of our firm in obtaining patents present to inventors, they are informed that all inventions patented through our establishment, are noticed, at a proper time, in the SCIENTIFIC AMERICAN. This paper is read by not less than 100,000 persons every week, and enjoys a very wide spread and substantial influence. Most of the patents obtained by Americans in foreign countries are secured through us; while it is well known that a very large proportion of all the patents applied for in the U. S., go through our agency.

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NOTICE.—All persons in the United States having patented inventions for sale, are promptly requested to call or communicate with the subscriber before the 1st of December, when they will receive (free) information of very great importance. R. D. GOODWIN, No. 712 Broadway. 92*

TO FANNING MILL MAKERS.—Lewis & King, Seneca Falls, N. Y., manufacturers of a superior article of Fanning Mill Irons, are now prepared to make arrangements for supplying castings on the most reasonable terms for the year 1857. 99*

RARE CHANCE FOR BRICKMAKERS.—For sale cheap.—One steam engine and boiler, balance and cog wheel, shafting for 3 pits, 3 pit wheels, 3 cog wheels, 3 upright shafts for the same, 3 moulding machines (6 brick), and one tub machine. Boiler and engine nearly new, and in good order, used only 1 year.—Engine 20-horse power, 3 ft. stroke. Tubular boiler R. E. pattern. Moulding machines used for one year. Adams' patent; the best in use and least liable to get out of order. The above will be sold to a cash customer at 100 per cent. below the original cost. For further information address W. H. A., Box 773, P. O., New York City. 93*

AGENTS WANTED TO SELL RECIPES for making honey as good as that made by bees, and does not cost over six cents per pound, sent for one dollar in gold. N. R. GARDINER, Peace Dale, R. I. 93*

LINEN AND TOW MACHINERY FOR SALE.—A large lot of preparing; Wet and dry spinning, twisting, and finishing. For particulars apply to A. E. POWERS, Lansingburgh, Rensselaer Co., N. Y. 94*

WANTED.—A second-hand hydraulic press, from 75 to 200 tons pressure. Address A. G. DAY, Seymour, Conn. 92*

ACOUSTIC AURICLES.—The inventor of these valuable aids to the deaf, offers for sale his rights to the States of the Union. His object for so doing being his utter inability to wait on his overwhelming calls coming daily from all parts of the country. Apply to E. G. HYDE, 15 Maiden Lane, New York. 1*

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Upright Steam Saw Mill.—This mill commands the universal admiration of saw mill men everywhere. As its merits become known, the demand for it increases.—Orders are coming from every section of this country, Canada, Cuba and South America. It is suited for every section of the world wherever there is timber to be saved, no matter of what character, how hard, how large, or how small. Two extensive manufacturing are now engaged in building these mills, yet it is almost impossible to turn them out as fast as they are wanted. They embrace several valuable patents and improvements, and combine all the following advantages: Simplicity—Both the mill and power are so simple in their construction that any one of ordinary mechanical ability can comprehend them, put them up, and run them without danger or difficulty. Portability—The whole establishment can be very quickly taken apart and put together, thus rendering it easy to be moved from place to place, as desired, and saving the necessity of drawing the logs a long distance to the mill. Durability—It is constructed in the most solid and substantial manner, runs perfectly still, is not liable to get out of order, and will last for years without repair. Rapidity—It will saw faster than any other upright mill. The speed of the saw is about 300 strokes per minute, and the feed from one-eighth to three-quarters of an inch per stroke. Thus, at a medium feed, the saw will cut through a log 24 feet long in about three minutes. From this data any one knowing the character of the timber can calculate how much it will do, with efficiency.—It does its work well, cuts smoother, and straighter than the ordinary mills, and the arrangement of the saw is such as to render it utterly impossible for it to run out of line. Cheapness—The entire cost of the mill, with 14-horse power, and everything all complete and ready for running, boxed, and delivered for shipment in this city is only \$1,500. The mill requires less power to drive than any other mill, and the power furnished is sufficient to drive extra machinery with it. Grist mills, single mills circular saws, and all other kinds of machinery are furnished at the very lowest rates. These mills are all manufactured in this city, yet they will be furnished to Western customers by Dr. A. G. BRAGG, St. Louis, Mo. J. M. EMEKSON & CO., No. 1 Spruce street, New York City. 1

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