

TO CORRESPONDENTS.

E. I. M., of Ohio.—A great many plans have been projected to construct "common road engines," some of which have been put in practice, and, after a short trial, abandoned.

O. C., of Pa.—You will perceive by the number on this paper that the volume will close in eleven weeks. We do not accredit agents to solicit subscribers.

E. C. C., of La.—It is a little singular that a patent should have been issued in England for identically the same process as you describe, and at about the same time.

J. E., of Pa.—We cannot perceive any advantage to be obtained in the use of syphon spouts to conduct water to a horizontal wheel.

E. S. W., of Ill.—It has been proposed to use a number of times to condense air in huge cylinders by windmills and store its power for use.

J. McK., of N. Y.—If you get Smee's work on Electro-Metallurgy, it will give you the information respecting plating.

O. R. E., of Pa.—You have not stated your question, in relation to injecting a gallon of water into a heated boiler, with sufficient clearness to enable us to give you a precise answer.

N. N., of —.—You do not seem to be aware of the fact that it has been attempted to navigate balloons by sails, and taking advantage of different currents of air.

P. W., of Mass.—You have been anticipated in your invention by the patent granted by the English Government to Sir James Murray, of Dublin, for improvements in deodorizing cod liver oil so as to render it more agreeable to use.

H. H. R., of Texas.—We are not acquainted with the person nor the work of Wyman the ventriloquist.

G. H. L., of Scipio.—Mr. W. obtained a patent in March, 1855, for a stump puller.

A. H. N., of Me.—Address R. A. Vervalen, of Haverstraw, N. Y., respecting the brick machines.

A. B., of —.—You will find all that we know of the subject in the articles now publishing relating to india rubber.

E. B. M., of Miss.—Mr. Wise has published a work on the history and practice of aeronautics.

H. H. A., of Ill.—Brewster's Optics is the best work with which we are acquainted, but it does not give such full information on the construction of optical instruments as would enable you to manufacture them.

S. Crump, Pittsford, N. Y., wishes to purchase a Jacquard loom.

J. N. P., of Va.—A hand seed sower such as is described in your letter of the 9th, does not cover anything new or patentable.

C. F. B. E., of —.—You had better not send your sketch to us for preservation.

John B. Bell, of Shelbyville, Ky., is respectfully informed that we are not engaged in the sale of clover harvesters.

E. H. B., of —.—Your sketch certainly does not illustrate the moon's supposed rotation and revolution with the same face presented to the earth, but quite the reverse.

R. J., of N. Y.—You cannot obtain any advantage from the use of a syphon in drawing water to drive a wheel.

C. W. J., of C. W.—You are much mistaken if you suppose that any saving of fuel can be effected by the use of high pressure steam.

A. McD., of Tenn.—It is easier to color cotton than flax, but the same drugs and processes are employed for both.

E. P. W., of Ohio.—We have seen it stated in almost every paper in our country that some wheat obtained from unwrapping a mummy 3,000 old retained its vital principle, and when sown yielded a good crop.

J. B. W., of Ohio.—James Hughes, Cambridge City, Ind., is the patentee of a hominy mill; you had better address him upon the subject.

J. C., of Ohio.—You can procure lemons reeds of Carhart & Nedham, of this city.

J. B. P., of Ind.—The offer of \$10,000 for the best marble sawing machine was made by Mr. Manly, and the Patent Agent, in Washington, who told you that it was only a trick of ours, uttered a falsehood, and he knew it to be one when he made it.

H. T., of E. I.—The wood of the willow tree is the best for making clogs, or wooden shoes.

E. D. & G. D., of Mass.—We will re-publish your advertisement in the same number in which the engraving appears.

H. C. R., of Pa.—We received your model about three weeks since, and as there was no name on it, nor any accompanying explanation, we could get no clue whatever to its origin.

Private consultations respecting the patentability of inventions are held on the premises of the undersigned.

Able corps of Engineers, Examiners, Draftsmen, and Specification writers are in constant employment.

In addition to the advantages which the long experience and great success of the undersigned in all matters present to inventors, they are informed that all inventions patented through our establishment, are noticed, at the proper time, in the SCIENTIFIC AMERICAN.

American and Foreign Patent Attorneys, Principal Office 123 Fulton street, New York.

Important to Inventors and Patentees.—The subscriber who has (being an inventor and patentee) for a long time felt the need of commodious rooms located in our principal cities in the Middle States.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, June 14, 1856.

J. H., of Ind.; \$55; J. A., of Tenn.; \$25; G. & H., of Ill.; \$45; A. W. B., of Iowa; \$50; J. H., of S. C.; \$100; G. W. LaB. & Co., of N. J.; \$250; H. & A., of Miss.; \$20; S. E. H., of N. Y.; \$55; P. A., of N. J.; \$10; N. M., of N. Y.; \$50; J. A., of London; \$100; S. & B., of Wis.; \$30; J. Mc A., of Ga.; \$50; S. & B., of Mich.; \$25; J. & B., of N. Y.; \$250; B. I., of N. Y.; \$250; B. M., of Pa.; \$30; M. L. P., of Texas; \$25; M. & N., of Conn.; \$25; A. & B. N., of N. Y.; \$10; E. T. H., of Pa.; \$25; C. S. P., of Conn.; \$30; J. P. & Co., of Conn.; \$60; H. C., of Pa.; \$25; J. B., of Ill.; \$25; E. A., of Conn.; \$50; D. F. K., of Vt.; \$45; J. A. S., of Tenn.; \$15; D. C. W., of Pa.; \$30; A. O. B., of Ky.; \$30; G. L., of N. Y.; \$30; M. O. C., of C. W.; \$60; W. S., of Wis.; \$30; H. A., of Ill.; \$52; A. G. B., of Ct.; \$30; R. E., of N. Y.; \$25; J. R. P., of N. Y.; \$500; J. W. R., of Me.; \$25; E. D. C., of Mich.; \$30; J. H. G., of N. C.; \$35; J. K., Jr., of N. J.; \$25; T. G. B., of Vt.; J. E. C., of Me.; R. E., of N. Y.; N. M., of N. Y. (2 cases); J. W. R., of N. C.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 14.

J. A., of Tenn.; G. & H., of Ill.; W. G. C., of O.; A. W. B., of Iowa; C. & T., of Wis.; J. E., Jr., of N. Y.; H. L. & Co., of Pa.; T. G. B., of N. Y.; W. F., of Mass.; J. G. B., of N. Y.; M. L. P., of Tex.; W. & N., of Conn.; F. J. P., of N. Y.; B. & P., of Ind.; J. B., of Ill.; H. H. C., of Pa.; J. F. H., of N. Y.; D. F. K., of Vt.; J. E. C., of Me.; R. E., of N. Y.; N. M., of N. Y. (2 cases); J. W. R., of N. C.

Important Items.

To the Unfortunate.—We are no longer able to supply the following back numbers of the present volume Nos. 6, 12, 14, 15, 17, 18, 19, 21, 22, 23, 24, 25, 27, 28, 29, 30, 34, 35, and 37.

MODELS.—We shall esteem it a great favor if inventors will always attach their names to such models as they send us.

PATENT CLAIMS.—Persons desiring the claim 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 date of patent when known, and enclosing \$1 as fees for copying.

RECEIPTS.—When money is paid at the office for subscription, a receipt for it will always be given; but when subscribers remit their money by mail, they may consider the arrival of the first paper a bona fide acknowledgment of the receipt of their funds.

Literary Notices.

LONDON QUARTERLY REVIEW.—This excellent review for the present quarter contains eight very fine essays. The first is on British Family Histories, and is very interesting.

Terms of Advertising.

Table with 2 columns: Length of insertion and Price. 4 lines for each insertion, \$1; 8 lines, \$2; 12 lines, \$3; 16 lines, \$4.

Advertisements exceeding 16 lines cannot be admitted neither can engravings be inserted in the advertising columns at any price.

All advertisements must be paid for before inserting.

BOILER INCURSTATIONS PREVENTED.—A simple and cheap condenser manufactured by Wm. Burdon, 102 Front st., Brooklyn, will take every particle of lime or salt out of the water, rendering it as pure as Croton, before entering the boiler.

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 and long practice, and facilities which few others possess, we are able to give the most correct counsel to inventors in regard to the patentability of inventions placed before us for examination.

Private consultations respecting the patentability of inventions are held on the premises of the undersigned.

In addition to the advantages which the long experience and great success of the undersigned in all matters present to inventors, they are informed that all inventions patented through our establishment, are noticed, at the proper time, in the SCIENTIFIC AMERICAN.

American and Foreign Patent Attorneys, Principal Office 123 Fulton street, New York.

Important to Inventors and Patentees.—The subscriber who has (being an inventor and patentee) for a long time felt the need of commodious rooms located in our principal cities in the Middle States.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, June 14, 1856.

J. H., of Ind.; \$55; J. A., of Tenn.; \$25; G. & H., of Ill.; \$45; A. W. B., of Iowa; \$50; J. H., of S. C.; \$100; G. W. LaB. & Co., of N. J.; \$250; H. & A., of Miss.; \$20; S. E. H., of N. Y.; \$55; P. A., of N. J.; \$10; N. M., of N. Y.; \$50; J. A., of London; \$100; S. & B., of Wis.; \$30; J. Mc A., of Ga.; \$50; S. & B., of Mich.; \$25; J. & B., of N. Y.; \$250; B. I., of N. Y.; \$250; B. M., of Pa.; \$30; M. L. P., of Texas; \$25; M. & N., of Conn.; \$25; A. & B. N., of N. Y.; \$10; E. T. H., of Pa.; \$25; C. S. P., of Conn.; \$30; J. P. & Co., of Conn.; \$60; H. C., of Pa.; \$25; J. B., of Ill.; \$25; E. A., of Conn.; \$50; D. F. K., of Vt.; \$45; J. A. S., of Tenn.; \$15; D. C. W., of Pa.; \$30; A. O. B., of Ky.; \$30; G. L., of N. Y.; \$30; M. O. C., of C. W.; \$60; W. S., of Wis.; \$30; H. A., of Ill.; \$52; A. G. B., of Ct.; \$30; R. E., of N. Y.; \$25; J. R. P., of N. Y.; \$500; J. W. R., of Me.; \$25; E. D. C., of Mich.; \$30; J. H. G., of N. C.; \$35; J. K., Jr., of N. J.; \$25; T. G. B., of Vt.; J. E. C., of Me.; R. E., of N. Y.; N. M., of N. Y. (2 cases); J. W. R., of N. C.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 14.

J. A., of Tenn.; G. & H., of Ill.; W. G. C., of O.; A. W. B., of Iowa; C. & T., of Wis.; J. E., Jr., of N. Y.; H. L. & Co., of Pa.; T. G. B., of N. Y.; W. F., of Mass.; J. G. B., of N. Y.; M. L. P., of Tex.; W. & N., of Conn.; F. J. P., of N. Y.; B. & P., of Ind.; J. B., of Ill.; H. H. C., of Pa.; J. F. H., of N. Y.; D. F. K., of Vt.; J. E. C., of Me.; R. E., of N. Y.; N. M., of N. Y. (2 cases); J. W. R., of N. C.

MODELS.—We shall esteem it a great favor if inventors will always attach their names to such models as they send us.

PATENT CLAIMS.—Persons desiring the claim 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 date of patent when known, and enclosing \$1 as fees for copying.

RECEIPTS.—When money is paid at the office for subscription, a receipt for it will always be given; but when subscribers remit their money by mail, they may consider the arrival of the first paper a bona fide acknowledgment of the receipt of their funds.

LONDON QUARTERLY REVIEW.—This excellent review for the present quarter contains eight very fine essays. The first is on British Family Histories, and is very interesting.

Terms of Advertising. 4 lines for each insertion, \$1; 8 lines, \$2; 12 lines, \$3; 16 lines, \$4.

Advertisements exceeding 16 lines cannot be admitted neither can engravings be inserted in the advertising columns at any price.

All advertisements must be paid for before inserting.

BOILER INCURSTATIONS PREVENTED.—A simple and cheap condenser manufactured by Wm. Burdon, 102 Front st., Brooklyn, will take every particle of lime or salt out of the water, rendering it as pure as Croton, before entering the boiler.

MACHINE BELTING, Steam Packing, Engine Hose.—The superiority of these articles manufactured of vulcanized rubber is established. Every belt will be warranted superior to leather, at one-third less price.

GREAT WESTERN MACHINERY AND PATENT AGENCY.—The undersigned have established a house for the sale of machinery and patent rights at No. 64 Randolph St., Chicago.

STONE SAWING MACHINE.—The patent for a superior machine for sawing stone in taper slabs posts, monuments, &c., is now offered low for cash, or its equivalent.

BOILER FLUES.—All sizes and any length promptly furnished by JAMES O. MORSE & CO., No. 79 John St., N. Y.

WROUGHT-IRON PIPE.—Plain, also galvanized inside and outside, sold at wholesale by JAMES O. MORSE & CO., No. 79 John St., N. Y.

FORBES & BOND, Artists, 89 Nassau St., N. Y., Mechanical and general Draughtsmen on wood, stone, &c.

THE NEW YORK DAILY SUN for \$2 a year. The miracle of the present age is accomplished by the Publisher of the New York Sun, in furnishing subscribers in clubs of thirty or more with the daily paper by mail for \$2 a year.

SCHENCK MACHINERY DEPOT—163 Greenw. Street, New York, keeps always on hand Lathes, Planers, Drills, Steam Engines, Woodworth's Patent Planing Machines, Belting, &c., in great Variety. Tools furnished of any size, to order, and of the best quality.

WHEELS CELEBRATED PORTABLE STEAM Engines and Saw Mills, Bogardus' Horsepowers, Saut Mill, Saw and Grist Mills, Irons and Castings, Saw Gunners, Hatchet Drills, &c.

VERTICAL STEAM ENGINE and Boiler for Sale at a bargain.

MACHINISTS' TOOLS.—Meriden Machine Co. have on hand at their New York Office, 15 Gold Street, a great variety of Machinists' Tools, Hand and Power Punching Presses, Forging Pumps, Machine Belting, &c., all of the best quality.

1856.—WOODWORTH'S PATENT Planing, Tonguing and Grooving Machines.—The subscriber is constantly manufacturing, and has now for sale the best assortment of these unrivaled machines to be found in the United States.

FILMER & CO., Electrotypers, and Manufacturers of Electrotype Materials, 125 Fulton St., N. Y.

PATENT ALARM WHISTLE.—For Speaking Pipes. The right of a limited number of the Southern States, of this valuable Patent, for sale on reasonable terms.

OIL! OIL! OIL!—For railroads, steamers, and for machinery in burning. Pease's Improved Machinery and Burning Oil will save fifty per cent and will not gum.

THE MORELAND MORTISING MACHINE. The patentee, Mr. Moreland, has associated himself in partnership with a number of gentlemen in this city, and the Company are now engaged in the manufacture of his Patent Boring and Mortising Machines.

WANTED.—A partner with a capital of \$3000 or \$4000 in cash or machinery, to manufacture agricultural implements.

M. & J. H. BUCK & CO., Lebanon, N. H.—Manufacturers and dealers in all kinds of wood-working machinery.

GRAIN MILLS.—EDWARD HARRISON, of New Haven, Conn., has on hand for sale, and is constantly manufacturing to order, a great variety of his approved Flour and Grain Mills.

NEW HAVEN MFG. CO.—Machinists' Tools, Iron Planers, Engine and Hand Lathes, Drills, Bolt Cutters, Gear Cutters, Chucks, &c.

HARRISON'S 30 INCH GRAIN MILLS.—Latest Patent.—A supply constantly on hand.

W. P. N. FITZGERALD, Counselor at Law.—late Principal Examiner in the U. S. Patent Office—has removed from Washington, D. C. to the city of New York, 271 Broadway.