

LITERARY NOTICES.

LESLIE'S LADIES' GAZETTE.—Office No. 6 John street, 25 cents single number, \$3 per annum.

HOUSEHOLD WORDS.—Conducted by Charles Dickens. American edition published by T. L. McElrath & Co.

LITTLL'S LIVING AGE.—This excellent weekly has just commenced a new volume, the first article is on that strange, half crazy queen Christina of Sweden.

CHAMBERS' JOURNAL.—For July.—This popular magazine is re-published in this city by P. D. Orvis.

KNICKEBOCKER.—For July.—"Old Knick" as usual, overflowing with wit and humor.

POTNAM.—For July.—This number is the first of Volume 4, and contains a fine steel plate of the author of "The Potiphar Papers."

GRAEFENBERG ALMANAC.—Of Light for the World—for 1855, is rather in advance of the season—but as it has thought proper to "take time by the forelock," we can do no less than to announce its enterprise in such matters.

MAGAZINES FOR JULY, Messrs. H. Long & Bro., 43 Ann street, have sent us "Godey's Ladies' Book" and "Graham's Magazine" for July.

TO CORRESPONDENTS.

H. G. R., of Tenn.—It would not be patentable to have a saw move instead of the log in saw mills.

MCA. & Bro., of Phila.—Be pleased to send an illustrated catalogue to this office, and oblige yours.

D. R. K., of Philadelphia.—Grate bars of tubing filled with water were illustrated in Vol. 4, Sci. Am. Bolders have been made with the fire in their centers.

D. P., of Pa.—If you mix the tar and black lead with some oil, you may get a coating for your rope to answer a good purpose.

A. T., of Mass.—There is more carbon in the steel, hence it is not so easily silvrisized as the wrought iron.

G. McD., of Conn.—You could not get electrical attraction to operate successfully in attracting fur, for any practicable purpose in the arts.

W. T. C., of Mich.—The figures you speak of in Rules, are made with black paint, made with well boiled oil and lampblack.

A. Z. M. D., of Phila.—Your article is very interesting, but we cannot publish it on account of its errors.

L. J., of Mich.—Would not Gwynnes' pump be the very one you want. There was another at the World's Fair in London.

L. D. A., of Wis.—The bichromate of potash is the substance used for making ink. It will not curdle the liquor if the process is properly conducted.

P. P., of N. H.—Your idea of forcing a current of air through a tube by means of a fan blower, for supplying apartments, is well known and could not be patented.

I. C. Spence, of Murfessboro, Tenn.—wishes to know where he can procure machinery for making tubs and buckets.

G. O. S., of Ct.—We have very carefully examined the sketch of your blind slit machine, and we think it possesses novel features.

F. G. W., Mass.—We do not know of any parties who would engage in the locomotive building in this city.

E. D. & B., of Mo.—By reference to our advertising columns you will notice advertisements of planing machinery, and we would advise you to write to the different makers for information in regard to the capabilities of their machines to perform your work.

D. T., of N. Y.—You are certainly mistaken about the moon's rays. They are certainly not affected by the plate of daguerreotypists, and make the moon paint her own likeness.

S. L. H., of Ill.—Your alleged improvement in governors for machinery appears to be more complicated than the kind ordinarily used.

L. M., of Ct.—There appears to be novelty in your contrivance for fan blowers, and we would advise you to try it, and it operates satisfactorily you had better send us a model.

I. D. B., of Mass.—The public use of an invention for any period less than two years previous to an application for a patent, does not invalidate the right of an inventor to a patent.

A. S., of N. Y.—Machines for adding, multiplying, dividing, etc., would be useful to those who are not "ready in figures." Such machines, however, are not uncommon, and we have not heard of any urgent call for them by the public.

O. W., of N. Y.; E. L. N., of Mass.; A. W., of N. Y.; J. A., of O.; J. H., of N. Y.; J. C. R., of O.; J. R. P., of N. Y.; R. M. W., of Va.; L. D., of N. Y.; D. L. L., of Mo.; T. A., of Mass.; J. L., of Pa.; O. N., of Pa.; S. W., of N. Y.; A. H. C., of O.; F. A., of Ct.; J. C. R., of N. Y., and J. W., of Mass.—

Your several inventions are in the hands of the draughtsman and engravers, (part of which are already completed by the artists) and will appear in the order in which application was made at this office for having them executed.

Money received on account of Patent Office business for the week ending Saturday, July 8:—

O. P., of Pa.; \$10; S. H. G., of Ct.; \$30; W. & W., of N. Y.; \$100; E. S., of N. Y.; \$30; I. G. McF., of Pa.; \$10; G. V. H., of —; \$10; J. T. B., of Pa.; \$30; N. C. S., of Ct.; \$30; U. G., of O.; \$30; J. C., Jr., of Ct.; \$30; L. & S. of O.; \$35; H. & C., of N. Y.; \$35; C. C., of S. I.; \$30; N. M., of N. Y.; \$25; A. M., of L. I.; \$25.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, July 8:—

M. & S., of L. I.; H. & N., of L. I.; A. W., of N. Y.; J. C. F., of N. Y.; A. M., of S. I.; I. G. McF., of Pa.; L. & S., of O.; N. M., of N. Y.; H. & C., of N. Y.; L. S. M., of Mass.

ADVERTISEMENTS.

Terms of Advertising.

Table with 2 columns: Length (4 lines, 8 lines, 12 lines) and Cost (75 cts, \$1 50, \$2 25).

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.

American and Foreign Patent Agency.

IMPORTANT TO INVENTORS.—The undersigned having for several years been extensively engaged in procuring Letters Patent for new mechanical and chemical inventions, offers the best means to secure to their most reasonable terms.

EUROPEAN PATENTS.—MESSRS. MUNN & CO. pay special attention to the procuring of Patents in foreign countries, and are prepared to secure patents in all nations where Patent laws exist.

SUBMARINE ARMOR.—For sale.—A complete suit, with the Pump and resisting apparatus, in excellent order, and ready for immediate use.

PARTNER WANTED.—In the foundry business, an old establishment, and in successful operation.

FAIRMAN & WILLARD'S BORING MACHINE, for boring car wheels. This is the best machine in use, and warranted to bore thirty wheels in ten hours.

FOR RAILROADS AND MACHINE SHOPS. I am prepared to furnish at the lowest rates, the following Oils: Pure Refined Spindle Oil, Spindle Oil, Engine Oil, for locomotives, &c.

25 HORSE POWER ENGINE AND BOILER complete. Ready for shipment—has upright tubular boiler—cylinder horizontal on heavy bed frame—fuel heated governor, &c., for sale by JAMES W. HOOKER.

BUFFALO MACHINERY DEPOT. JAMES W. HOOKER, 36 Lloyd St., Buffalo, offers for sale all kinds of machinery, as follows: Engine Lathes, Planing Machines, Universal Chucks, Cast-Steel Boring Drills, Leather and Rubber Belting, Packing and Hose Oils, Millstones, Portable and Stationary Engines, Boilers, and Machinery generally.

PATENT ROCK DRILL.—The simplest, cheapest and best ever offered to the public. For information apply to A. B. ELY, Esq., Boston, Mass., agent of North American Rock Drilling Company.

FOR SALE, LOW.—The Patent of a Self-Unlocking and Adjusting Hay Elevator. Patented May 30th 1854. Address, Horseshoe, Pa.

READING'S PATENT CORN SHELLER and Cleaner—capacity 200 bushels per hour. 9 first premiums awarded in the Fall of 1853.

THE EUROPEAN MINING JOURNAL, Railway and Commercial Gazette. A Weekly Newspaper, forming a Complete History of the Commercial and Scientific Progress of Mines and Railways.

ON THE PETITION OF GEORGE DRAPER, of Milford, Massachusetts, praying for the extension of a patent granted to him on the 28th of October, 1850, for an improvement in "rotary templates for looms."

Persons opposing the extension are required to file in the Patent Office their objections, specially set forth in writing, at least twenty days before the day of hearing.

Ordered, also, that this notice be published in the Union, Intelligence, and Evening Star, Washington, D. C.; Evening Argus, Philadelphia, Pa.; Scientific American, New York; and Post, Boston, Massachusetts, once a week for three successive weeks previous to the 16th day of Oct. next, the day of hearing.

T. M. CHAPMAN'S PATENT SAW FILING Machine. The best known and without a rival. The subscriber offers for sale Territorial Rights, and also builds and sends machines wherever they may be wanted.

PALMER'S PATENT LEG.—The best appliance ever invented. Pamphlets containing the testimonials of the first American and European surgeons, and other information concerning this invention sent gratis to all who apply to PALMER & CO., Springfield, Mass.; or 376 Chestnut St., Philadelphia.

LEONARD & WILSON.—No. 60 Beaver st., and 139 Pearl st., have constantly on hand and for sale a full assortment of Machinists' and Carpenters' Tools, embracing every variety of Engine and Hand Lathes, Iron Planing Machines, Mortising and Tenoning Machines, Wood Planers, &c.

IMPORTANT.—To Machinists and Mathematical Instrument Makers. An application for a patent is on file for an attachment to Gear Cutting and other Dividing Engines, by means of which the circle may be accurately divided into any desirable number of equal parts.

MATHEMATICAL.—Optical, and Philosophical Instruments. Our priced and illustrated Catalogue, embracing every variety of Engine and Hand Lathes, Iron Planing Machines, Mortising and Tenoning Machines, Wood Planers, &c.

PATENT RIGHT FOR SALE.—We are ready to dispose of the Patent Right, for any part of it, of the best Stone Drilling Machine now in use, or we are prepared to furnish working machines at very reasonable prices.

MACHINERY.—S. C. HILLS, No. 12 Platt-st., N. Y. dealer in Steam Engines, Boilers, Iron Planers, Lathes, Universal Chucks, Drills; Case's, Von Schmidt's and other Pumps; Johnson's Shingle Machines; Woodworth's, Daniel's, and Law's Planing Machines; Dick's Crows, Punches, and Shears; Mordant and Tenoning Machines; Belting; Machinery Oil, Beal's Patent Oil and Corn Mills; Burr Mill and Grindstones; Lead and Iron Pipe, &c. Letters to be noticed, must be post-paid.

PORTABLE STEAM ENGINES.—The subscriber is now prepared to supply excellent Portable Engines, with Boilers, Pumps, Heaters, &c., all complete, and very compact, say 2, 2 1/2, 3, 4, 6, 8, and 10 horse-power, suitable for printers, carpenters, farmers, planters, &c. They can be used with wood, bituminous, or hard coal; a 2 1/2 horse engine can be seen in store; it occupies a space 5 feet by 3 feet, weighs 1500 lbs., price \$240; other sizes in proportion.

STATIONARY STEAM ENGINES.—The subscriber is now prepared to furnish, with or without pumps, boilers, &c. Horizontal Engines on iron bed frames, good strong, substantial, plain finished engines that will do good service, say from 4 horse, \$315, to 30 horse, \$1,037; they have Judson's patent valves, and will be warranted to work well.

NOVELTY IRON WORKS.—Manufacturing of Machinists' Tools; also Engine Lathes with an improved Tool Rest. Lathes, and Iron Planers kept on hand; for sale by W. W. NICHOLS & CO., cor. B and Turnpike street, Boston, Mass.

STAVE AND BARREL MACHINERY.—HUTCHINSON'S PATENT.—This machinery, which received the highest award at the Crystal Palace, may be seen there in operation during the ensuing season.

KENTUCKY LOCOMOTIVE WORKS.—Corner of Kentucky and Tenth streets, Louisville, Ky. The proprietors of the Kentucky Locomotive Works would respectfully inform Railroad Companies and the public generally, that, having completed their establishment, they are now prepared to receive and execute orders with fidelity and dispatch.

DIG IRON.—Scotch and American; also English Boiler Plate and Sheet Iron, for sale at the lowest market prices, by G. O. ROBERTSON, 135 Water st., cor. Pine, N. Y.

JOHN PARSHLEY, No. 5 and 7 Howard st., New Haven, Ct., manufacturer of Machinists' Tools, and Steam Engines, has now finishing up 25 Engine Lathes, 6 feet shears, 4 feet between centers, 15 inches swing, and weighs about 1100 lbs.

\$100 REWARD.—To the Manufacturers of Bank Note Paper. The Executive Committee of the Association of Banks for the Suppression of Counterfeiting, hereby offer a reward of One Hundred Dollars for the best specimen, in the opinion of the Committee, of Bank Note Paper, of not less than five hundred sheets, which may be submitted to them on or before the 1st day of January next.

MUNN FOUNDRY AND MACHINE WORKS. S. W. corner of Green and Morgan streets, Jersey City, N. J. The subscribers are prepared to contract for Sugar Mills and Mining Machinery of every description.

FOR SALE.—By the Baltimore and Ohio Railroad Co., 34 Grate Cases, adapted to railroad purposes, which will be sold at a reasonable price.

NORCROSS' ROTARY PLANING MACHINE. The Supreme Court of the U. S., at the Term of 1853 and 1854, having decided that the patent granted to Nicholas G. Norcross, of date Feb. 12, 1850, for a Rotary Planing Machine for Planing Boards and Planks, is not an infringement of the Woodworth Patent.

MACHINERY FOR SALE.—The following machines are for sale at the "Scientific American" Office:—Alcott's Concentric Lathe, price \$35. Portable Mortising Machine, \$30. Bushnell's Iron Drill, \$25.

MACHINISTS' TOOLS.—Power Planers 4 to 16 feet long, weight 1,000 to 10,000 lbs. Engine Lathes, 10 to 19 feet long, weight 1,000 to 8,000 lbs. Price \$3 to \$35. Hand Lathes, Gear Cutters, Drills, Bolt Cutters, Slide Rests, Chucks, &c., of best materials and workmanship constantly on hand, and being built, also the best Grain Mills in the country.

WOODWORTH'S PATENT Planing, Tonguing, Grooving Machines.—Double machines plane both sides, tongue, and groove at one and the same time, saving one-half of the time when lumber is required to be planed on both sides.

ENGINEERING.—The undersigned is prepared to furnish specifications, estimates, plans in general or detail of steamships, steamboats, propellers, high and low pressure engines, boilers and machinery of every description. Broker in steam vessels, machinery, boilers, &c. General Agent for Ashcroft's Steam and Vacuum Gauges, Allen & Noyes' Metallic Self-adjusting Conical Packing, Faber's Water Gauge, Sewell's Salinometer, Dudgeon's Hydraulic Lifting Press, Roebling's Patent Wire Rope for hoisting and steering purposes, &c.

PLANING, TONGUING, AND GROOVING.—BEARDLEE'S PATENT.—Practical operation of these Machines throughout every portion of the United States, in working all kinds of wood, has proved them to be superior to any and all others.

STATIONARY STEAM ENGINES.—The subscriber is now prepared to furnish, with or without pumps, boilers, &c. Horizontal Engines on iron bed frames, good strong, substantial, plain finished engines that will do good service, say from 4 horse, \$315, to 30 horse, \$1,037; they have Judson's patent valves, and will be warranted to work well.

A. B. ELY, Counsellor at Law, 52 Washington street, Boston, will give particular attention to Patent Cases. Refers to Messrs Munn & Co., Scientific American.

NOVELTY IRON WORKS.—Manufacturing of Machinists' Tools; also Engine Lathes with an improved Tool Rest. Lathes, and Iron Planers kept on hand; for sale by W. W. NICHOLS & CO., cor. B and Turnpike street, Boston, Mass.