

TO CORRESPONDENTS.

Z. M. J., of Va.—You say "you have lately seen two inventions, suggested by you, published in the Sci. Am. u, on which patents have been secured by others."

L. M. Y., of Ill.—It is not new to drive a saw directly from the piston of the engine, thus dispensing with the crank.

E. G. F., of Mass.—We can furnish you Vol. 9, bound for \$2.75. We published, in that volume, two illustrated articles on calico printing, which you will no doubt find very interesting.

C. A. C., of Mass.—We are not acquainted with any preparation that is capable of removing superfluous hair without injury to the cuticle.

G. W. M., of Ga.—If one hundred pounds, placed on one of your springs, will close it, by taking ten springs of the same size and strength, and bending them together, they will be ten times the thickness or depth, and according to experiments, they will resist forty times the crushing strain of the single spring.

E. S. R., of N. Y.—You should consult with some lawyer in your place on the point of inquiry involved in your letter.

J. D. B., of Ala.—Printers' rollers, after they become impaired, cannot be renovated by any process known to us.

J. E. S., of Mass.—Your device for indicating the stations to be stopped at along the course of a railroad, as the train approaches them, without the necessity of a verbal notice being given, appears to be new, although others are in use, but those who are unused to traveling would be very apt to misunderstand its object unless some one was especially appointed to explain what it meant.

S. W., of N. H.—You will understand that you cannot patent a principle in a machine or device. The claim must necessarily be based upon its construction and mode of adaptation to a specific purpose.

P. S., of N. Y.—A great deal of genius has been expended on windmills, and especially has this been the case or the past two years. Your arrangement seems to possess some novelty upon which we think a patent could be secured.

E. D. C., of N. Y.—Assignments of patents should always be recorded in the Patent Office within three months after their date. This is the law.

C. E. A., of Me.—The process of galvanizing iron, etc., to prevent its oxidation, to which you refer, was patented in 1837, by M. Sorel, of France. He made application in 1851 to the Commissioner of Patents for its extension for the term of seven years. This application was refused, as the invention is now public property.

Don Juan Santiago Baggally, of Mexico—Your long letters we have received, and read attentively, and hold them subject to your friend's—Mr. Bentley's—order.

NOTICE TO PLOW MANUFACTURERS.—JOSUA GIBBS, of Canton, O., has invented a machine for Grinding and Polishing plows.

W. H. W., of N. J.—Communications sent to us without the name of the writer are neither read nor preserved, no matter what the nature of the inquiry is, we will not attend to unsigned letters.

N. Y. G., of N. Y.—In Vol. 13, page 35, Sci. Am., you will find a very interesting reminiscence of the first ocean steamer—the "Savannah." She made the passage in 1819, and on her return she was converted into a sailing vessel.

G. A., of Mass.—You err most egregiously in concluding from our remarks on gas engine, at the Fair of the American Institute, that "we appear to think gas cannot be made to propel machinery."

N. P. A., of N. Y.—We have none of the instruments on sale that you want.

E. & R., of Pa.—Your model has arrived, and will be sent to the Patent Office, to take the place of your imperfect one, immediately.

S. S. M., of S. C.—The first screw propeller ever made consisted of perfect screws having two or three turns of a thread. Some with single threads, others double.

J. S. S., of Mass.—Throughout the entire category of invention, it is not perhaps too much to say, that on no class has so much real genius been wasted as upon rotary steam engines.

M. F. W., of Tenn.—Stirrups for the purpose of relieving the foot in case of sudden overthrow of the rider, have been frequently suggested, and patents have been secured for them.

Money received at the SCIENTIFIC AMERICAN Office on account of Patent Office business for the week ending Saturday, Nov. 24, 1855:—

A. M. G., of N. Y., \$25; N. & W., of N. Y., \$30; J. H., of Ohio, \$55; A. J. P., of Mass., \$20; R. E., of — \$30; C. & D., of Ct., \$25; T. D. Jr., of Pa., \$30; J. D. A., of Ohio, \$25; R. W. J., of Ind., \$55; R. D., of N. Y., \$20; H. S., of Ct., \$25; L. A. C., of Mass., \$55; C. & S., of Pa., \$25; T. H., of London, \$550; W. H. B., of Pa., \$80; W. C. B., of N. Y., \$25; F. S. C., of Mass., \$30; W. W. H., of Va., \$25; D. L., of N. Y., \$27; J. S., of Ind., \$10; A. P., of N. Y., \$30; J. R. H., of N. J., \$30.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Nov. 24:—

D. L., of N. Y.; W. C. B., of N. Y.; W. W. H., of Va.; W. H. B., of Pa.; T. H., of London; A. J. P., of Mass.; J. D. A., of O.; R. P. W., of N. Y.; C. & S., of Conn.; S. W., of N. Y.; E. B., of N. Y.; H. S., of Conn.; C. & S., Pa.

Important Items.

GOING RAPIDLY.—The back numbers of the present volume are fast being exhausted, and those who desire the numbers of Vol. 11 complete, must not wait much longer before remitting their subscriptions, else they will be disappointed.

MODELS.—We shall esteem it a great favor if inventor will always attach their names to such models as they send us. It will save us much trouble, and prevent the liability of their being mislaid.

Subscribers or exchanges who are entitled, to the paper and fail to receive it regularly are desired to inform us that any omission may be corrected. Missing numbers are furnished gratuitously where the fault rests with the publishers.

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 enclosing \$1 as fees for copying.

Terms of Advertising.

Table with 2 columns: Lines for each insertion, 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 insertion.

NOTICE TO PLOW MANUFACTURERS.—JOSUA GIBBS, of Canton, O., has invented a machine for Grinding and Polishing plows.

JACQUARD MACHINES.—With Harness complete and ready to receive the warps, built on the most improved plan, for the manufacturing of Fine and Coarse every description. Also Ribbon Looms and Card Punching Machines made to order.

W. P. UHLINGER & CO., Germantown Road and Oxford St., Phila.

WATSON GAS ENGINE.—The mechanical defects which prevented the proper running of the Ignition Engine being removed, DR. DRAKE has made an arrangement with the Crystal Palace Management to exhibit and run it for a few days, between the hours of 10 and 3 o'clock, in order to meet the wishes of many who desire to see the New Motor.

CROSBY'S PATENT FOR Resawing Boards.—This important patent granted on the 3rd of Nov. 1851, for resawing boards by an up and down saw, was awarded for a term of seven years from its original date by the Commissioner of Patents.

TO IRON FOUNDERS AND STEAMBOAT OWNERS.—Messrs. Ruggles's Rotary Fan Blower, patented Aug. 8, 1854.—Messrs. G. D. HARRIS & Co., Fitchburg, Mass., proprietors and manufacturers of the above newly invented blowers, are now prepared to execute orders for them to any part of the United States.

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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, Draughtsmen, 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 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 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.

American and Foreign Patent Attorneys, 128 Fulton street, New York; 32 Essex Street, London; 29 Boulevard St. Martin, Paris; No. 3 Rue Therassienne, Brussels.

PATENT MONUMENTAL DAGUERRETYPE CASES.—They are made of Parian marble, of a light texture, corresponding well with marble generally used for monuments and head-stones.

MAUSOLEUM DAGUERRETYPE CO., Meriden, Conn.

CIRCULAR SAWS.—We respectfully call the attention of manufacturers of lumber to the great improvements recently introduced in the manufacture of our Circular Saws.

THE UNDERSIGNED PRACICAL Engineer and Millwright will give strict personal attention to all jobs entrusted to him, which may consist in part as follows:—Putting up Engines and Boilers, Steam, or other Pumps and Pipes, Gearing, Shafting, and Pulleys; Planes, Lathes, and other machinery for working Wood or Iron.

A. VAN DOREN, EUTAW, ALA.—Will attend to business in Ala. and Mississippi for Inventors, Manufacturers, or Dealers.

SURVEYOR'S COMPASSES, Surveying Chains, Tape Measures, and other Instruments, &c., &c., at Philadelphia. Our priced and illustrated catalogue furnished on application gratis, and sent by mail free of charge to all parts of the United States and Canada.

DYOTT'S PATENT IRON FRONT.—Dyott's Patent Furnace, Ludwig's Patent Machine for Felling Trees; (refer to Sci. Am., Sept. 8, 1855, No. 52.) Harrison's Patent Grain Mills. For all the above, information can be had of GEO. C. BARNEY, Agent, 16 Kilby St., Boston.

BARNEY'S PATENT WHIFFLETREE for detaching horses from vehicles, &c., &c., is an invention of simple construction, and is easily made and adapted for sale very low.

CIRCULAR SAW MILLS (Wells's Patent) Double and Single, of various dimensions, adapted to sawing logs of all sizes to 4 1/2 feet diameter; admitted the most efficient, durable, and convenient machines in the country for manufacturing lumber.

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.

MACHINERY.—S. C. HILLS, No. 12 Platt street, N. Y., dealer in Steam Engines, Boilers, Planes, Lathes, Chucks, Drills, Pumps, Mortars, Tonnage, and Saw Machines, Woodworth's and Daniel's Planes, Dick's Planes, Presses and Shears, Cox and Corn Mills, Harrison's Grist Mills; Johnson's Shingle Mills, Belting, Oil, &c.

D. BARNETT, Malleable and Gray Iron Works No. 1 Hamilton, corner McWhorter street, Newark, N. J. Orders promptly attended to.

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, Forcing Pump, Machine Belting, &c., all of the best quality.

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, and a carefully collated Synopsis, with numerous illustrations, of all New Inventions and Improvements in the various branches of Engineering. Office 25 Fleet street, London. Price 6d per annum.

DAVIS' ADJUSTABLE AND SELF-ACTING Parallel Vise.

This is a valuable improvement in the method of operating bench vises, the jaws are always secured in a parallel position, at whatever distance they may be applied, and the screw is dispensed with, and its place supplied with a strong sliding beam, in which is a rack, and this, in connection with a pawl or catch, secures the movable jaw in whatever position it is placed.

INCORUSTATION OF BOILERS.—Weissenborn's Patent Incrustation Preventor effectually obviates incrustation, by separating the incrusting matter from the water before it enters the boiler, while at the same time it is of great value as a heater and condenser.

\$500 TO \$10,000.—GREAT INVESTMENT.—Any person desirous of investing a large or small amount in a patent right, that the profits of which will clear the whole cost one month's sales. Can find an opportunity by addressing Box 2,627 this city.

W. P. N. FITZGERALD, Counsellor 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, (corner of Chambers St.)

WATER POWER FOR SALE.—8 hours' ride from the city of New York, near the beautiful and thriving village of Owego, on the New York and Erie Railroad. The wheel is 14 feet diameter, 5 foot bucket, building 15 by 26, two stories high.

MACHINISTS' TOOLS.—Manufacturers, Mechanics and Railroad Supplies, Locomotive and Stationary Engines, Agricultural Machinery, Boilers, Trip Hammers, Belting, Cotton and Woolen Machinery, Water Wheels, Pumps, Blowers, Wrought Iron Tackle Blocks, &c.

OIL! OIL! OIL!—For railroads, steamers, and for machinery and burning—Pease's Improved Machinery and Burning Oil will save fifty per cent, and will not gum. This oil possesses qualities vitally essential for lubricating and burning, and found in no other oil.

75 CENTS A YEAR.—Or 16 months for \$1. THE NEW YORK WEEKLY SUN is now sent to subscribers at the following very low rates, payable in advance.

THE NEW YORK DAILY SUN.—Is forwarded by the early mails to country subscribers at \$4 per annum, or \$1 per quarter, payable in advance.

IMPORTANT TO ENGINEERS AND MACHINISTS.—NOTICE.—Those wishing to obtain the genuine articles of Metallic Oil and Grease, should send their orders direct to the manufacturer, ADGUSTUS YOCKNEY, Office 67 Exchange Place, New York.

WORMS 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. Nichols, of date Feb. 12, 1850, for a Rotary Planing Machine for Planing Boards and Planks is not an infringement of the Woodworth Patent.

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, including Belting Machinery, Elevators, complete with Mills ready for use.

POWER PLANERS.—Persons wanting Iron Planers of superior workmanship, and that always give satisfaction, are recommended to the New Haven Manufacturing Company, New Haven, Conn.

NEW HAVEN MFG. CO.—Machinists' Tools, Iron Planes, Engine and Hand Lathes, Drills, Bolt Cutters, Gear Cutters, Chucks, &c., on hand and finishing. These Tools are of superior quality, and are for sale low for cash or approved paper.

HARRISON'S GRAIN MILLS.—Latest Patent.—\$1000 reward offered by the patentee for their equal. A supply constantly on hand. Liberal Commissions paid to agents.

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, and a carefully collated Synopsis, with numerous illustrations, of all New Inventions and Improvements in the various branches of Engineering.