

CORRESPONDENTS

W. N. H., of Texas.—A fly wheel does not enable machinery to be driven with less power...

F. G. R., of Va.—We published elaborate articles in our last Volume, on kyanizing timber...

E. A. C., of Conn.—There is no time fixed by law when an applicant must withdraw his case...

J. E., of Pa.—We have examined your diagram, and description of two combined wheels...

J. R. E. S., of Phila.—We are not acquainted with any work describing the latest improved processes of manufacturing whiskey.

J. F. R., Pa.—There has been no epidemic yellow fever whatever, in New-York or its vicinity...

J. G., of N. J.—We cannot furnish you with one of the Sewing Machines referred to. Address the Patentee...

C. Y. H., of Va.—We understand your ideas perfectly respecting employing the irregular power of wind by a mill...

S. W. B., of Mass.—If the water in your cistern which is placed above the boiler exerts a pressure on its base...

C. A. B., of N. H.—If you keep polished steel perfectly dry, it will not rust, but if you cannot do this you must coat it with a varnish.

W. C. T., of Ill.—Babbling metal, means to enclose a soft metal bearing in an iron shell...

E. E. B., of Ga.—If you boil your cloth for awnings in a weak solution of sulphate of copper...

W. F. V., of N. Y.—You can use bleached cotton or linen cloth for window shades...

John Mahoney, of Detroit, Mich., wants the best and cheapest machine known for cutting shavings for mattresses.

E. B., of Mass.—For further information respecting the sewing machine address the party named in the paper.

J. M. C. Reed, of Girard, Ala., wishes to procure a machine for sawing wood or shingle blocks...

H. J. F., of Ohio.—Glazing is effected by a mixture of oxyd of lead and ground flint.

S. J., of N. Y.—The process of making starch is very simple. Potatoes, for example, from which most of the starch of commerce is manufactured...

W. H., of Mass.—Your diagram and card do not prove that the moon has a rotation on its own axis...

D. R., of Mich.—We do not think a patent could be procured on the modification you propose in window blind slats.

J. M. T., of Ind.—The coffin level is not of sufficient interest to engrave. The curved lever for the horse power would have a trifling advantage...

Money received at the Scientific American Office, on account of Patent Office business for the week ending Saturday, Oct. 11, 1856.

B. & C., of N. H., \$30; A. B., of N. Y., \$55; T. & C., of Mass., \$25; L. & W., of Mo., \$275; G. O., of N. Y., \$25...

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Oct. 11th.

G. O., of N. Y.; C. & G. M. W., of N. Y.; J. F. W., of N. Y.; W. J. D., of N. Y.; T. & C., of Mass.; G. D. L., of N. Y.;

Important Items.

INVENTORS SENDING MODELS to our address should always enclose the express receipt, showing that the transit expenses have been prepaid.

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.

MODELS.—Inventors, in constructing their models, should bear in mind that they must not exceed a foot in measurement in either direction.

PATENT LAWS AND GUIDE TO INVENTORS.—This pamphlet contains not only the laws but all information touching the rules and regulations of the Patent Office...

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...

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.

BINDING.—We would suggest to those who desire to have their volumes bound, that they had better send their numbers to this office, and have them executed in a uniform style with their previous volumes.

Literary Notices.

LIFE OF GEORGE WASHINGTON.—By Washington Irving.—Vol. 3 of this superb work, duodecimo edition, has just come from the press of G. P. Putnam & Co., N. Y.

THE BIBLIOTHECA SACRA.—The number of this able theological review for Oct., contains articles on Dr. Lepsius's Universal Linguistic Alphabet, "Authority and Obligation of the Sabbath," "The Bible in Schools,"

MUSPRATT'S CHEMISTRY.—The 11th and 12th numbers of this beautiful and thorough work, have just been issued by C. B. Russell & Bros., Trenton, N. J.

THE UNITED STATES MAGAZINE for October contains an illustrated article of interest on the Patent Office at Washington, besides other articles spicy and interesting.

Terms of Advertising.

Twenty-five cents a line each insertion. We respectfully request that our patrons will make their advertisements as short as possible.

PLUMBEOLA Universal Patent Agency.—Plumbeola and Du Buque, Iowa. 66\*

TO WHOM IT MAY CONCERN.—This certifies that I have one of Wells & Co's Circular Saw Mills in operation, with which we are now cutting from ten to fifteen thousand feet of road plank per day (12 hours) and we have no doubt but we could, under favorable circumstances, cut 20,000 feet in 12 hours.

GRAND BLISS, Genesee Co., Mich., Sept. 13th, 1856. Orders for mills sent to H. Wells & Co., Florence, Hampshire Co., Mass., will receive prompt attention. 630w

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.

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 accessibility in every city in our country, 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, all the steps necessary to secure a patent can be arranged by letter.

MUNN & CO. American and Foreign Patent Attorneys, Principal Office 125 Fulton street, New-York.

FOR SALE.—A Great Bargain.—Valuable Foundry and Machine Shop in Mont Clair, opposite Phoenixville, in Montgomery Co., Pa. The building is 50 x 120 feet, 2 stories high, and very desirable property.

D. BARNETT, Malleable and Gray Iron Works, Hamilton cor. of McWhorter st., Newark, N. J. Orders promptly attended to. 618\*

SALE OF PATENTS.—Great Central Inventors, Machinery, and Patent Right Dept. No. 212 Broadway, cor. of Fulton st., New York.

PATENT BUCKLE.—The double-jointed buckle patented Sept. 2d 1856, is claimed to be the best invention in the way of buckles for wearing apparel.

SUPERIOR MACHINISTS TOOLS.—Slotting machines, Planers, Compound Planers, Lathes, Drills, Gear Cutters, &c., &c., constantly on hand, and made to order at short notice by CARPENTER & PLASS, 479 First Avenue, N. Y. 65\*

PROFITABLE EMPLOYMENT FOR THE WINTER MONTHS. Please to read this. Agents wanted. Extra inducements for 1857.

WOODWORTH'S PATENT PLANING, Tonguing, and Grooving Machines.—The subscriber, from his twenty-four years' experience in both the use and manufacture of these unrivalled machines, is prepared to furnish them of quality superior to any that can be procured elsewhere for the same money.

TO INVENTORS AND PATENTEES.—The undersigned has established an agency for the sale of patent rights in the city of Baltimore, at No. 34 Second street. PHILIP T. TYSON. 55\*

REQUEST—LIBERAL OFFER.—We propose to send to every person in the United States, who is interested in the manufacture of lumber, or improved machinery, a full illustrated description of two valuable inventions.

THE COMBINATION PORTABLE STEAM SAW-MILL.—This is a new upright mill, so simple in its construction that any one can put it up and run it—easily moved from place to place—may be easily shipped to any part of the country—its capacity of cutting from six to ten thousand feet in every twenty-four hours; while, at the same time it is furnished at so low a rate as to bring it within the reach of almost every farmer and planter.

IMPROVEMENT IN BORING MACHINES.—This improvement consists of an arrangement by which the auger can be driven in any direction the operator chooses, rendering the machine far superior to any other now in use. RICE & DRYDEN, Worcester, Mass. 44\*

OIL PRESSES FOR SALE.—One set of Horizontal Oil Presses, complete consisting of two cylinders, lined with copper, and boxes containing 8 bags each, with plates, hydraulic pumps and connections, and heating tables, these presses are built in the most improved and substantial manner, and can be delivered immediately; squeezers and bags can also be furnished if required. Apply to WM. ARTHUR & CO., Atlantic Steam Engine Works, Brooklyn, N. Y. 34\*

HARRISON'S GRIST MILLS.—30, 30 1/2 and 45 inches diameter, at \$100, \$200, \$300, and \$400, with all the modern improvements. Also, Portable and Stationary Steam Engines of all sizes, suitable for said Mills. Also Bolters, Elevators, Belting, &c. &c. Apply to S. C. HILLS, 12 Platt st. N. Y. 3e3w7

N. W. ROBINSON'S PATENT HORN TURNING AND PLANING MACHINE, for Heads of all kinds and descriptions, it will make from 200 to 350 heads per hour, of the most perfect description.

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.

READY FOR AGENTS.—THIMBLES FOR THE MILLIONS THAT HUSK CORN.—The undersigned is prepared to fill orders for GOULD'S PATENT HUSKING THIMBLES, (Illustrated on page 302, vol. XI, Sci. Am.) Hardware Dealers and Country Merchants are requested to send on their orders at once.

CIRCULAR SAWS.—We respectfully call the attention of manufacturers of lumber to the great improvements recently introduced in the manufacture of our Circular Saws. Being sole proprietors of Southwell's patent for grinding saws, we are enabled to grind circular saws from six inches to six feet with the greatest accuracy and precision.

PAGE'S PATENT PERPETUAL LIME KILN, will burn 100 barrels of lime with three cords of wood every 24 hours; likewise my coal kiln will burn 150 bushel with 1 1/2 tubs bituminous coal in the same time; coal is not mixed with limestone. Rights for sale. 44 25 C. D. PAGE, Rochester, N. Y.

50 STEAM ENGINES.—From 3 to 40-horse power also portable engines and boilers; they are first class engines, and will be sold cheap for cash. WM BURDON, 102 Front st., Brooklyn. 41 H\*

GOLD QUARTZ MILLS of the most improved construction; will crush more quartz and do it finer than any machine now in use, and costs much less. WM BURDON, 102 Front st., Brooklyn. 41 H\*

VAL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, Bogardus' Horseshoes, Smut Machines, Saw and Grist Mill Irons and Gearing, Saw Gummers, Ratchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch. LOGAN & LIDGERWOOD, 9 Gold st., N. Y. 13 1y\*

PAGE'S PATENT CIRCULAR SAW MILLS with Steam Engine and Boiler, on hand and for sale for \$1500, at Schenck Machine Depot, 163 Greenwich st. New York. A. L. ACKERMAN. 49 10

BARREL MACHINERY.—CROZIER'S PATENT is unrivalled in point of quality and quantity of work cast and may be seen in constant operation at the Barrel Manufactory of the undersigned. For rights and machines address WELCH & CROZIER, 43 18\* Oswego, N. Y.

TO CAR BUILDERS.—For Sale, one new Upright Boring Mill for boring car wheels. Maker's price \$600, will be sold for \$300 cash. Address GEO. S. LINDCOLN & CO., Hartford, Ct. 1H\*

BOILER FLUES.—All sizes and any length promptly furnished by JAMES O. MORSE & CO., No. 79 John st., N. Y. 51 3mos

WROUGHT-IRON PIPE.—Plain, also galvanized inside and outside, sold at wholesale by JAMES O. MORSE & CO., No. 79 John st., N. Y. 51 3mos

FORBES & BOND, Artists, 89 Nassau st., N.Y., Mechanical and general Draughtsmen on wood, stone, &c. 52\*

1000 AGENTS.—For unparalleled inducements. Send stamp to M. J. COOK, A. B., Detroit, Mich. 52\*

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. It is offered to the public upon the most reliable, thorough, and practical test. Our most skillful engineers and machinists pronounce it superior and cheaper than any other, and the only oil that is in all cases reliable and will not gum. The Scientific American, after several tests, pronounced it "superior to any other they have ever used for machinery." For sale only by the inventor and manufacturer, P. S. PEASE, 11 Main st., Buffalo, N. Y.

AND W. S. ROWLAND & CO., Agents for Chicago, Ill., N. B.—Reliable orders filled for any part of the United States and Europe. 1H\*

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.

RIGHTS TO USE THE N. G. NORCROSS'S patented machine can be purchased on application to N. G. NORCROSS, Office for sale of rights at 27 State street, Boston, and Lowell, Mass. 45 6m\*

NEW HAVEN MFG. CO.—Machinists' Tools, Iron Planers, 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. For cuts giving full description and prices, address, "New Haven Manufacturing Co., New Haven, Conn. 1H\*

HARRISON'S 30 INCH GRAM MILLS.—Latest Patent.—A supply constantly on hand. Price \$200. Address New Haven Manufacturing Co., New Haven, Conn. 1H\*

BOILER INCrustATIONS 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. Persons in want of such machines will please state what the bore and stroke of the engines are, and what kind of water is to be used. 41 H\*