

TO CORRESPONDENTS.

"G. W. W., of N. Y."—Your improvement about the lock we believe to be both new, good and patentable, but it is more difficult to give advice confidently about locks than any other mechanical contrivances.

"E. P. B., of Ohio."—Directions for putting up the lathe are forwarded with it, which we think sufficiently explicit to enable any mechanic to put one in operation.

"A. B., of N. Y."—We presume your account is correct—your name has been entered to No. 5, Vol. 6.

"G. B., Jr., of Texas."—Your communication of the 12th ult., has been carefully considered in reference to the variations proposed in the manufacture of the meat biscuit: it would make no difference whether you dried or baked the combined properties of flesh and vegetable meal or flour—the principle is the same, and would be so considered in point of law.

"Faust, of N. Y."—We are pleased with your ideas of the press, but do not understand the principle upon which it operates, as the drawings are very imperfect.

"S. C., of Mobile."—You can commence teaching your new system without any danger to the success of the application.

"J. T., of Ala."—Your favor of the 1st is at hand. We have credited you and Phillips each with a year's subscription.

"G. W. H., of —."—The decision of infringement cannot be different from either the claim or specification—it is upon what is claimed and that is in the specification.

"J. C., of —."—We know of no lamp arranged as you describe, and believe it to be patentable.

"V. P. K., of N. Y."—It is not possible to give you advice about the steam power you want. The amount just depends on the work to be done.

"J. W. A., of Del."—We believe your form of buckets is covered in Parker's second patent, which claims the tapering of the thickness of the bucket to the point of discharge.

"J. W. T., of Phil."—We have not seen any plan proposed, like yours, for the same purpose. We believe it to be patentable, and it will be of great benefit to the carpet manufacturers, &c.

"J. H., of Va."—We have endeavored to get Capt. Scott's book on aerial navigation, but cannot find a copy of it, or we would comply with your suggestion.

"J. S., of —."—The Bridle-bit is new so far as we are aware. It is a combination of levers with the reins. It is patentable, but not so preferable as the pulley and cord arrangement.

"N. T., of Geo."—Your indicators in connection with the float, have been known to us for more than 20 years.

"Oregon."—A. R. Carter of Newark, N. J., can give you all the information desired about machines for turning irregular forms.

"H. & A., of O."—Your engraving is in progress and will be forwarded to you in a few days. \$10 dollars received.

"R. D. A. of San Francisco."—Messrs. Thomson & Hitchcock, agents for Gregory's Express, have your Camera in charge and will forward it by the first steamer.

"G. S., of N. Y."—There have been many plans for the same purpose as your invention. If yours is different from all others, you can secure a patent.

"O. P. S., of O."—As we have had nothing to do with your application it is not proper for us to trouble the Patent Office with enquiries concerning your business.

"S. C. A., of N. Y."—Your plan for making locomotives ascend steep grades would not work at all, in our opinion.

"W. P., of N. Y."—If you are coming to the city in a few weeks, your business had better be delayed until you arrive here.

Money received on account of Patent Office business, since June 5th, 1850:—

P. McK., of Ga., \$10; C. F. B., of R. I., \$61; T. B., of N. Y., \$30; J. K. H., of Ala., \$50; T. H., of N. Y., \$30; D. H. J., of Pa., \$20; and I. Z. A. W. of Phila., \$28.

Important Notice to us!

Whenever any of our friends order numbers they have missed—we shall always send them, if we have them on hand.

ADVERTISEMENTS.

Terms of Advertising.

One square of 8 lines, 50 cents for each insertion. " 12 lines, 75 cts., " " 16 lines, \$1.00 " "

Advertisements should not exceed 16 lines, and cuts cannot be inserted in connection with them for any price.

Patent Office.

128 FULTON ST.

NOTICE TO INVENTORS.—Inventors and others requiring protection by United States Letters Patent, are informed that all business relating to the procuration of letters patent, or filing caveats, is transacted at the Scientific American Office, with the utmost economy and despatch.

MECHANICS' FAIR AT BOSTON.—(To be held September, 1850.)—The New England Patent Agency, Haskins building, Boston, will receive patented machinery, or other articles, place the same in the above Fair, and take orders for them, or dispose of the Right, for a reasonable commission.

WOODWORTH'S PATENT PLANING Machine 1850 to '56.—Recent decisions having finally established all the claims of this patent, the subscriber is prepared to dispose of the right to use the machine in the unoccupied Counties and Towns in the State of New York and in Northern Pennsylvania.

TO IRON FOUNDERS AND MACHINISTS in the Northern and Eastern States.—The Subscriber, sole agent for the sale of rights to make and sell the celebrated Bogardus Horse Power, will contract with any one disposed to manufacture the best horse power in the world, upon reasonable terms.

THE THIRD ANNUAL EXHIBITION of the Maryland Institute for the promotion of the Mechanical Arts, will be opened at Washington Hall, Baltimore, on Monday the 14th Oct., 1850.

TO STONE CUTTERS, QUARRY OWNERS, Dressing Co., capital \$168,000, are the owners of Wilson's Patent for Dressing Stone, and have established an agency in the city of New York.

IMPROVED FILTERERS.—Fessenden's Patent Pocket Filtering Tube. This is one of the most complete articles ever offered to the public, and is especially adapted to the use of travellers, by sea or land.

NEW STYLE AND IMPROVED SLIDE LATHE.—SCRANTON & PARSHLY, New Haven, Conn., will sell the best slide lathe for \$150 to \$200 less than ever before sold.

MACHINE BANDS, RUBBER HOSE, &c.—After 20 years devoted to the manufacture of India Rubber, the undersigned feels confident of his thorough practical knowledge of the quality of goods in his line.

ALCOTT'S CONCENTRIC LATHES.—We have on hand a few of these celebrated Lathes, which the inventor informs us will execute superior work at the following rates:— Windsor Chair Legs and Pillars, 1000 per 11 hours.

TO PAINTERS AND OTHERS.—American Anatomic Drier, Electro Chemical graining colors, Electro Negative gold size, and Chemical Oil Stove Polish.

WOOD'S PATENT SHINGLE MACHINES.—These excellent machines, illustrated and described in No. 23, Vol. 5, Scientific American, are offered for sale in Town, County and State Rights, or by single machines.

WOODWORTH'S PLANING MACHINE.—For sale, the right to use this justly celebrated labor-saving machine in the following States, viz. Pennsylvania and Virginia west of the Allegheny Mountains, Ohio, Indiana, Kentucky, Tennessee, Wisconsin, Iowa, Missouri, Arkansas, Texas, Louisiana, Florida, Georgia, Alabama and Mississippi.

IMPORTANT INVENTION.—GURLEY'S beautiful and unique machine for gumming saws, noticed in No. 50, Vol. 4, Scientific American, is now offered to the public as a most important desideratum for saw manufacturers and all who use saws, as they can gum the teeth with very little trouble.

THE AMERICAN UNION.—The most carefully written and best arranged Paper in the United States. This Popular Paper is supplied with Selected Stories Humorous Sketches, Tales of Travel; Romances, Sketches of Real Life, Biographies, Poetry Serious Sentimental, and Humorous; Gems from New Works, Local Matters, Reviews Agricultural Treasuries, Scientific Novelties, Anecdotes, Glimpses of the Law, Opinions, Correspondence, Foreign and Domestic News, Congressional and Legislative Intelligence, Accidents and Casualties, Financial Articles, Markets, Miscellaneous Editorial Articles, amusing sketches, facts and fancies, such as never before has been in one publication.

SAW MILL MACHINERY.—The subscriber would respectfully inform his friends, and the public generally, that he still continues to manufacture, and keeps constantly on hand all kinds of saw mill machinery, consisting of log saw mill fitted up in the best manner and most approved mechanical mode, patent improved sitting and panel saw mills, (patented by himself and proved superior to any other in use) also for veneering, scroll and circular saws. Shafting and other machinery fitted to order.

STEVEN'S PATENT EPICYCLOIDAL Rotary Pump, for forcing and lifting, will be found superior to any other now in use, being capable of forcing water from 20 to 30 feet farther with the same capacity of water and same amount of power applied.

COTTON, WOOLEN AND SILK MANUFACTURERS' DEPOT.—ANDREWS & JESUP, No. 70 Pine st., N. Y., dealers in articles for the use of Cotton, Woolen and silk manufacturers, and agents for the sale of shearing, carding, burring, napping, wool-picking, flock-cutting and waste machines, regulators, satinet and jean warps, &c.

MATTEAWAN MACHINE WORKS.—Locomotive Engines, of every size and pattern. Also tenders, wheels, axles, and other railroad machinery. Stationary engines, boilers, &c. Arranged for driving cotton, woolen and silk manufacturers, and agents for the sale of shearing, carding, burring, napping, wool-picking, flock-cutting and waste machines, regulators, satinet and jean warps, &c.

MACHINERY.—S. C. HILLS, No. 12 Platt Street, N. Y., dealer in Steam Engines, Boilers, Iron Planers, Lathes, Universal Chucks, Drills, Kase's, Von Schmidt's, and other Pumps, Johnson's Shingle machines, Woodworth's, Daniel's and Law's Planing machines, Dick's Presses, Punches, and Shears; Morticing and Tenoning Machines, Belting, machinery oil; Beal's patent Cob and Corn Mills; Burr Mill, and Grindstones, Lead and Iron Pipe, &c.

FOREIGN PATENTS.—PATENTS procured in GREAT BRITAIN and her colonies, also France, Belgium, Holland, &c., &c., with certainty and dispatch through special and responsible agents appointed, by, and connected only with this establishment.

JONATHAN TAYLOR, Machinist, Montgomery, Alabama, begs leave to inform inventors and the public in general, that he is prepared to make patterns and models to order.

SASH AND BLIND MACHINE.—Patented by Jesse Leavens, of Springfield, Mass., is the best Sash and Blind Machine now in use. The Machine cost \$300 at the shop where they are made, near Springfield—extra charge for the right of using.

IRON FOUNDERS FACING DUST.—An approved article of Sea Coal Dust to mix with mouldings and also superior Charcoal Foundry Blacking, Lehigh Blacking, Soapstone and Black Lead Dust, Fire Clay, &c.—for sale by G. O. ROBERTSON.

TO SOUTHERN MANUFACTURERS and Sugar Planters.—The advertiser a practical machinist and engineer, at present employed as chief engineer of one of the largest manufacturing companies in New England, is desirous of locating South.

TO THE THINKERS OF NEW YORK. KNOX is desirous that every rational man in want of a hat, should, for a moment, think before deciding where they shall supply that want.

ONE HORSE STEAM ENGINE.—Attached to Bentley's Patent Boiler, with pump, &c., all complete, for sale; it is set up without brick-work and occupies only three feet of floor room.

CHAIN PUMPS.—A superior article of galvanized chain, with fusible metal elevators, and all the parts complete, or any part thereof, sold wholesale and retail at the lowest cash prices, by AARON WILBORN, No. 4 Harvard st., New Haven, Ct. 382*