

TO CORRESPONDENTS.

"H. M., of O."—On Saturday June 8th, we shipped to your address one of Alcott's Lathes by Wells & Co., Express.

"A. M. C., of Me."—Numbers 1 and 3, of your inventions appear to be of the greatest importance. The 1st is a desideratum much wished for at the South and West, but you should establish its practical value before incurring much expense upon it.

"D. M., of Pa."—Not having the information you desire, we handed the letter over to Mr. S. for attention. The patent reports are published by order of Congress for the use of the members, and not for sale.

"D. F. N., of Mass."—We cannot tell whether your principle is new or not, as you do not enter into any description of it, by which we can judge. If it is different from any other, you could obtain a patent for it.

"J. O., of Pa."—In relation to your first letter, there was no mention made of a patent in it. It is very difficult to give advice on the point. We cannot say that you would get a patent.

"F. H. S., of Pa."—Your plan is good enough, but not new. We see no difference in it from devices now in use for a like purpose.

"J. W. A., of Mich."—Your plan has been proposed before. It will not operate successfully at all. Aerial navigation has not progressed a single step in thirty years.

"B. P., of Mass."—The old tanned leather chips could make Prussian blue, but not with profit, for the expense of the manufacture would not enable you to compete with those who make it at the West out of purer materials.

"J. T., of Va."—We have forwarded you the numbers of Arnott's Achit up to No. 6. The work is complete in double numbers at \$1.50 for both.

"R. A. C., of Conn."—You could not succeed with your project. It has been tried before and thrown aside in consequence of the enormous expense, compared with the more modern plans.

"J. A. R., c e e, of N. Y."—It may be better to wait and see how the Pacific and Atlantic perform, before saying much on the subject. Their engines are similar to the British kind.

"E. R., of N. Y."—If a water wheel is not a lever, what is it? All machines are levers—every one. For the information you want get Evan's Millwrights guide. Price \$3. You are entitled to \$20.

"G. A. S., of Vt."—We cannot give you the desired information, but must express our doubts about its equality to an overshot wheel. Get the opinion of some disinterested person who has tried it—that is the most reliable.

"A. W. of Ohio."—We cannot see any thing different in your bridge from many others which combine the tension rods, arch and horizontal stringers. There can be no doubt about its practicability.

"H. & A., of O."—We forwarded your engraving by Wells & Co's Express on Saturday, June 15th; it is a beauty and cannot help but please you.

"N. P. of O."—Your papers have been returned to the Patent Office corrected. We are sorry that our letter of March 16th was misread, we also regret your loss.

"W. A. H., of Mass."—A man cannot come in from another State and purchase and sell, for the exclusive property of the Patent belongs to the owner in the State. A man cannot get his patent renewed but once at the Patent Office; Congress may do it by special law.

"S. A. S., of N. Y."—We know of no hydraulic ram being used as a prime motor. It would not be equal to a wheel. An improvement could be patented, but we would like to know how it is applied before we could answer your other question.

"J. M. O. B., of Me."—Chucks are so numerous, that it is difficult to point to anything new. We believe you are anticipated. We would refer you to a work called Holtzappel on turning. It contains a great variety. Its cost is \$10, 2 Vols.

"H. & V. V., of Pa."—The cement made with bullock's blood will not answer as well to be exposed to the weather. We have seen it used for floors inside, the blood of one ox answering for five square yards.

"B. W. T., of N. Y."—Will you construct a model and try the experiment? We believe you will find it less effectual than you suppose, but you are right about the scroll.

"W. C., of N. Y."—We shall communicate with Mr. Cooper, when he calls upon us, our opinion in reference to the novelty of your invention.

"W. S., of Phila."—The drawing and description of your brick press has been carefully examined. We are of the opinion that a patent could be obtained upon points involved in the combination.

"R. M., of Va."—So far as we are able to judge from the drawing, we think your winnowing machine possesses some novelty. It is not fully explained how the riddle receives the vibratory motion, but we see how it could be done.

Letters Patent belonging to individuals of the following names are remaining at our office, which we wish the owners would order away:—James Dane, of Vt.; Nathaniel Hathaway, of Mass; Emanuel Parker, of S. C.; Jas. Ingram, of N. Y.; John P. Groshon, of N. Y., and O. L. Reynolds, of N. H.

Money received on account of Patent Office business, since June 12th, 1850:— S. H. J. & Co., of Pa., \$20; W. B. B., of Me., \$25; W. R., of Mass., \$30; T. B., of N. Y., \$20; C. S. S., of Mo., \$22; M. N., of Pa., \$30, and H. & B. of N. Y., \$33.

New Agents for the Scientific American. Our South Carolina friends are hereby informed that we have completed an arrangement with the publishers of the "Southern Literary Gazette," to receive subscriptions for the Scientific American. Money paid to the Editor, Mr. Richards, at Charleston, for subscriptions will be duly acknowledged and the paper forwarded as he may direct.

Back Volumes Scientific American. We are obliged to inform our patrons that complete sets of all the past Volumes are entirely exhausted. We have a few incomplete sets of Vols. 2 and 3, comprising about 50 Nos. of both Vols., which may be had by remitting one dollar, and we have sets of above 40 Nos. each of Vols. 3 and 4 which will be forwarded by mail on the receipt of one dollar for each set.

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. We make this statement to save much time and trouble, to which we are subjected in replying, when the numbers called for cannot be supplied.

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 procurement of letters patent, or filing caveats, is transacted at the Scientific American Office, with the utmost economy and despatch.

CLOCKS FOR CHURCHES, PUBLIC Buildings, Railroad Stations, &c.—The subscriber having made important improvements in the construction of Clocks, especially in the apparatus for counteracting the influence of the changes of temperature upon the pendulum, and in the retaining power, (which keeps the clock going while being wound up), together with a most precise method of adjusting the pendulum to correct time, are prepared to furnish time-keepers of a very superior quality, both for accuracy of time-keeping and durability.

JOHN H. LESTER.—Manufacturer of Woodworth's Planing Machines, Steam Engines, and Boilers, Sugar Mills, Slide Lathes, Iron Planing Machines, Iron and Brass Castings of every description, Planing Machines of all sizes and with all the latest improvements constantly on hand or made to order at the shortest notice, with Steam Engines, Boilers, Shafting, and every kind of machinery necessary to fit up planing, sugar or saw mills.

TO MACHINISTS.—A superior iron power Planing Machine for sale, by Faulkner & Lewis, S. W. cor. of Hamilton and Nixon sts., near Fairmount, Phila.—will plane 6 feet by 27 inches wide and 24 inches high, weighing 23 cwt., will plane nearly 3,000 sq. in. in 10 hours; it is finished in a superior style and built on the most approved principle.

THE THIRD ANNUAL EXHIBITION of the Maryland Institute for the promotion of the Mechanic Arts, will be opened at Washington Hall, Baltimore, on Monday the 14th Oct., 1850. The Committee of Arrangements earnestly invite the mechanics and manufacturers throughout the States to exhibit specimens of their handiwork and become competitors for the prizes offered as premiums for superior merit, either in design or execution:—15 gold and 60 silver medals are offered to male and 40 to female contributors.

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. Rods and Rounds, 2000; Hoe Handles, 800; Fork Handles, 500; Broom Handles, 1500, per 11 hours.

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. There are three sizes, the first cuts an 18 inch shingle, price, \$100; 2nd cuts 24 inch, price \$110; 3rd, 23 inch, \$120.

MACHINERY.—S. C. HILLS, No. 12 Platt Street, N. Y., dealer in Steam Engines, Boilers, Iron Planers, Lathes, Universal Chucks, Drills, Kases, 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. Letters to be noticed must be post paid.

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. They will also, if desired, exhibit them before or after the Fair, at their own spacious rooms. Storage free, and no expense charged except freight and cartage. Inventors should lose no time in forwarding their articles.

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 slitting 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.

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. They are built in the most substantial manner—the heads geared and arbors large and of the best cast steel; the slide rest is held to the bed by guides, fed by a screw 2 in. diameter, and feeds from 80 to the in. to 5 1/2 in. pitch, working several hundred different pitch threads within these extremes.

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. The three factories now owned and operated by him, turn out large quantities of all kinds and styles of rubber goods in use, mostly vulcanized rubber. Orders for railroads, factories and merchants executed with intelligent regard to wants and best interest of the customer.

TO PAINTERS AND OTHERS.—American Anstomic Drier, Electro Chemical graining colors, Electro Negative gold size, and Chemical Oil Stove Polish. The Drier, improves in quality, by age—is adapted to all kinds of paints, and also to Printers' inks and colors. The above articles are compounded upon known chemical laws, and are submitted to the public without further comment.

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, satin 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 other mill. Cotton and woolen machinery of every description, embodying all the modern improvements.

IMPORTANT INVENTION.—GURLEY'S beautiful and unique machine for gunning 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.

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. He is also desirous of being appointed agent for the disposal of all kinds of patent machinery.

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. The machine does all to a Window Sash and Blind except putting them together.

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. Address M., Engineer, Lowell Mass.

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. KNOX thinks that 128 Fulton st., is just the spot.

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, price \$200. Apply, post-paid, to S. C. HILLS, machinery agent, 12 Platt st.