

TO CORRESPONDENTS.

"M. F., of Mo."—So far as we are able to judge the nature of your invention from the description, give we should think the plan similar to Geo. Page's patent. We cannot, however, decide this point, without a well described drawing.

"J. P. W., of Mass."—We have no time to attend to the construction of such a model as you want, perhaps Mr. Griffith, author of the work upon shipbuilding, noticed in the Sci. Am., could give you all the necessary information.

"H. Grice, Port au Prince."—Your letter of the 9th ult., by ship, reached us safe; Capt. Cutts has not called at the date of this. By reference to the back numbers of this volume, you will find all the information we possess concerning Mr. P.'s discovery—he has not yet adapted it to stoves that we know of. Sorry that we cannot get the "Sci. Am." to you in regular order, but we have no chance of sending, except when a vessel sails.

"P. P., of N. Y."—The drawing of your cheese press has been carefully examined.—The devices are so common that no patent could be obtained for it. The ratchet wheel lever and weights for the purpose of continuing the pressure could not be claimed as any thing new.

Some one from Ervinville, Geo., writes us to send him an article, and claims to be a very honest man, of which we should not doubt if he had given us his name; at present the matter is quite obscure.

"W. O. O., of Ala."—Your letter of the 9th inst., came safe, the matter was all correct, except a mistake in entering Mr. M.'s name. \$15 received.

"C. J. P., of Geo."—You are mistaken in your views, no such theory can ever prove valuable in practice. Experiments made many years since fully sustains this view of the matter.

"M. J. B., of Va."—We have lost your excellent table of the "Board Measure of Logs." We were going to set it up in type, when it went amissing. We should be happy to get another, for it is a very useful table indeed.

"C. S. & M., of Pa."—The specification, drawings and assignment of your invention was forwarded to the Patent Office, with fees, last Friday, May 17th. It would be useless for you to forward certificates of its merits to the Patent Office, if Gen. Taylor should sign it himself. We have given them all the information they need about the invention, and as to the mercantile value of it, they care not; it is the novelty of an invention that is most studied at the Patent Office.

"J. R. H., of Ala."—The model of your invention has been received, and considering the tools you had to make it with, and what other disadvantages you labored under, we think your production good. The \$50 of which you mention in your letter, has not come to hand yet.

"A. B., of N. Y."—You will find in this week's number a description of the best machine for dressing stone that has been patented in this country. \$8 received, and an engraving of your invention will appear early.

"D. H. J. & Co., of Phil."—On the 13th inst. we forwarded a specification to you of your improvements for execution, and it is for your interest to have them returned to us as early as possible. Delays in patent matters are sometimes dangerous.

"F. S. T., of Vt."—We know no reason why you cannot make a fortune by dealing in patent rights as well as any one. Many fortunes have been realized by purchasers as well as by inventors, but you must be careful that you get interested in a meritorious invention and one that is properly secured. It is not every letters patent that secures the most valuable part of the invention; look well to the claims. If you wish to make an application for a patent for yourself employ some one to do it for you that is conversant with the business.

"J. J. S., of Albany."—Your papers are now undergoing an examination at the Patent Office, and as soon as we hear, will advise you.

"Friend to Industry."—Your communication will be very acceptable, and no doubt useful.

"L. M. & Bros., of Mass."—We forwarded a box containing the model and engraving of your invention by Harnden's Express on the 20th, your account is all correct.

"W. H. B., of Va."—Such machines as you wish information about are not generally for sale here, as we learn by enquiries. Nathan Chapin of Syracuse, N. Y., has a patent for a portable cider mill and would probably be able to give you all such information as you desire, you would do well to address him. The common screw press is used as a general thing in this section. Mr. Chapin's mill has been well spoken of but we have never seen it work, therefore cannot speak of it.

"H. A., of Providence."—\$7 received. The Journal will be ordered, directed to you. We will inform you as soon as we hear in regard to the back Vols.

"A. S. McO., of Vt."—We would not advise you to apply for a patent for your Straw Cutter, as we believe it will not operate well, and we honestly cannot advise you to spend money on it.

"O. L. R., of N. H."—Your papers came safe, and an engraving will be executed immediately.

"H. M. G., of N. C."—We have not been able to get all the information you desired, yet.

"A. B., of N. Y."—\$8 received.—we shall attend to your engraving as soon as possible. We have been unable to answer several correspondents this week. We crave their indulgence for the delay.

Money received on account of Patent Office business, since May 15th, 1850:—

H. & B., of N. Y., \$30; W. W. B., of Me., \$30; T. Z., of N. Y., \$15; F. S. T., of Ga., \$20, and A. N. W., of Mass., \$35.

Notice

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 must 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 of same, is transacted at the Scientific American Office, with the utmost economy and despatch. Drawings of all kinds executed on the most reasonable terms. Messrs. Munn & Co. can be consulted at all times in regard to Patent business, at their office, and such advice rendered as will enable inventors to adopt the safest means for securing their rights. Arrangements have been made with Messrs. Barlow and Payne, Patent Attorneys, in London, for procuring Letters Patent in Great Britain and France, with great facility and despatch.

MUNN & CO., 128 Fulton street, New York.

AUCTION NOTICE.—Peremptory Sale of Valuable Machinery, Tools, &c.—STONE & SOTHER will sell on Monday, May 27th, 1850, at 12 o'clock, at the Vulcan Iron Works, corner of Jay and Water streets, Brooklyn, all the machinery, tools, &c., in said works, comprising large Iron Planing Machine, (planes 6 feet wide, 4 feet high, 22 feet long.) Vertical Bar and Apparatus for Cylinders; one 8 horse power Steam Engine, boiler and shafting complete; Lathe, and other machinery and blacksmith's tools and apparatus. The whole to be sold without reserve, as the premises must be immediately cleared. May be seen daily from 9 till 12 A. M. Terms cash. 1*

WOODS' 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, 28 inch, \$120. Orders addressed to J. D. Johnson, Easton, Conn., or to Munn & Co., "Sci. Am." Office, will meet prompt attention. 36 1f

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. For particulars apply to Elisha Bloomer, 304 Broadway, or to E. P. Norton, Esq., Cincinnati, Ohio. 34 5*

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.—Orders addressed to G. A. KIRTLAND, No. 205 South street, (p. p.), will meet prompt attention. 36 1f

TO STONE CUTTERS, QUARRY OWNERS, and others.—The North American Stone 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. They are authorized to engage in quarrying stone to any extent and will entertain proposals either for purchase of the right to run machines under said invention, or for capital to aid in opening quarries on a large scale. Four machines are now in successful operation in N. Y. city, where they can be seen dressing stone of every degree of hardness, giving perfectly true surfaces and corners, and with a simplicity, efficiency and rapidity which will insure a highly profitable result to all who shall secure rights. Application can be made to SHELTON, FLAGG & ANDREWS, Attorneys to the N. A. S. D. Co., 12 Wall st., N. Y. 36 1

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; it being light and compact, and the water being filtered by the very act of drinking. This filter having been duly patented, all persons are hereby cautioned against purchasing or using filters intended or calculated to infringe upon the rights of the patentee.

Fessenden's Division Filter.—This is the most perfect and scientific pressure filter now in use; it is more durable, more easily and thoroughly cleaned, and purifies the water more completely than anything of the kind ever before invented. The above mentioned filters are for sale at the store of D. H. Butts & Co., 15 Canal st.; Horace H. Day, 23 Cortlandt street, and E. Bartlett, 31 Park Row, where purchasers are invited to examine them. Orders left with D. H. Butts & Co. promptly attended to. 36 4*

ANNUAL OF SCIENTIFIC DISCOVERY, or Year Book of Facts in Science and Art.—The first edition of 2000 copies of this popular work has been all disposed of in little more than 4 weeks, and a second edition is now published.

From "The Builder," London, April 6, 1850.—"Mr. Timbs will doubtless be pleased to find his "Year Book of Facts" now the parent or prototype of a worthy and valuable trans-atlantic perennial which has just sprung up at Boston, U. S. Though honorably admitted to be based on it as its exemplar, that is by no means a copy, and indeed, though also a new compilation of the new facts of the year, there is much difference in detail, with a few peculiarities on the part of the American work, such as the admission of some original matter, or details not previously printed, and the re-arrangement or narration of others in the words of the editors themselves. But were we asked to decide which of these concurrent year-books is the best, we could only reply, perhaps, with strict propriety and conscientiousness, that both are best.—The work is typographically and otherwise well got up, and quite in the English style."

Published by GOULD, KENDALL & LINCOLN, Boston. 35 4

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 50 to the in. to 5 1-2 in. pitch, working several hundred different pitch threads within these extremes. Besides the regular lathe feed it has the facing up feed. It is admirably adapted for holding and boring boxes, cylinders and turning and cutting screws. One extra large size face plate, centre rest and reversing pulleys go with each lathe. The 12 ft. lathe weighs 4000 lbs. turning 8 ft. 5 in. price \$450. The 15 ft. 7 in. lathes 4500 lbs., turning 12 feet, \$500, swings 26 in. For further particulars address as above, (p. p.) Other lathes for sale as heretofore. 34tf

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. Warehouse 23 Courtland st., N. Y.; 1 factory at Great Barrington, Mass., with whole flow of Housatonic river for power; 1 at New Brunswick, N. J., by steam power; 1 at Piscataway, N. J., waterpower. These 3 factories embrace machinery and apparatus costing over \$50,000—enabling the owner to execute orders with more promptness than any other establishment in the United States. 33 10* HORACE H. DAY.

IMPORTANT INVENTION.—A new article of Machine Belting, made of a material never hitherto used for that purpose: 25 per cent. of power saved by its use. Its expense is 25 per cent. less than the patent stretched leather, or india rubber Belting. All sizes made and constantly kept on hand, from 1 inch in width to 30 inches.

CERTIFICATE.—J. McCarthy, Having had several of your Flexible Cement Belts in use in our mill for the last 3 or 4 months, we cheerfully testify to their superiority in many respects over any kind of belting we had hitherto used. ELIZUR CLARK & Co. This Belting is warranted to give satisfaction, or the money will be refunded. Manufactured only at Salina, Onondaga Co., N. Y. Orders are respectfully solicited. Address JOHN MCCARTHY. 32 5*

UNITED STATES RAILROAD GUIDE and Steamboat Journal: a monthly publication, containing official time advertisements, and tables of all the R. R. Co.'s; stations, distances, fares, time of travelling—with all the principal steamboat and stage lines in the country; also, hotels, mails, postage, almanac, &c. The Guide Journal presents stronger claims to public patronage, and possesses superior advantages over all others of a similar nature. Dexter & Bro., General Agents. Sold by all News Dealers, and on all the railroad and steamboat stations throughout the United States. Single copies 12 1-2 cents; per hundred, \$7. Yearly subscription \$1.25. Publication Office 43 Annst. N. Y. GEO. R. HOLBROOK & CO., Publishers. 35 4*

TO PAINTERS AND OTHERS.—American Anatomic 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. Manufactured and sold wholesale and retail at 114 John st., New York, and Flushing, L. I. N. Y., by QUARTERMAN & SON, Painters and Chemists 36 3m

VENTILATION.—The Subscriber being desirous of making arrangements for the extension of a system of Ventilation, for which he has lately obtained Patents in the United States and Canada, as widely as possible, would be glad to hear of persons in the United States who would undertake its management in such sections and localities as might be agreed upon, especially New York and Boston. The whole operation is natural or spontaneous, and whilst it thoroughly ventilates it also, by the same operation in cold weather, warms the building to which it is applied—floors and all—and with an economy in fuel, far beyond any other means in use. It may be applied to buildings already erected, and cheaper than the present pernicious hot-air system, but if a good dwelling house be erected for the purpose, it can be applied to such building for a sum in many cases less than the estimate would be for furnishing it in the usual manner, without the ventilation. The subscriber wants no money down, but is willing to alienate his right for a trifling reservation upon each building ventilated. Letters post-paid to the lines will receive immediate attention until the first of June next. H. RUTMAN, Coburg, Canada West, 8th April, 1850. 32 6*

THE AMERICAN UNION.—The most carefully written and best arranged Paper in the United States. This Popular Paper is supplied with Selected Stories, Hilarious Sketches, Tales of Travel; Romances, Sketches of Real Life, Biographies, Poetry Serious Sentimental, and Humorous; Gems from New Works, Local Matters, Reviews Agricultural Treatises, 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. As a General Family Paper it is unsurpassed for the variety and completeness of its contents, and for the great care that is taken, while it shall amuse, to instruct and elevate the mind to a 6000 of its natural dignity. For the old, it will be found stored with experience—for the young, it will possess a charm that will not contaminate or cloy the taste. Published weekly by R. B. FITTS & CO., 22 School Street, Boston, Mass. Terms—Two Dollars per annum, payable in advance. 32 8*

MANUFACTURERS' SUPPLY STORE.—The subscribers would call the attention of manufacturers generally, to his stock of articles for the use of factories, both cotton and wollen, consisting of every variety and kind used by them, which he can offer at as fair rates as any other establishment in this or any other market.

He has also constantly on hand a full assortment of Leather Belting, revolved, stretched, and cemented, of all sizes, made from the best material, and in the best manner, warranted equal, if not superior to any made in this country, and at prices which must be satisfactory to those wishing a superior article. He is also agent for the sale of Cotton and Wollen Machinery of the most improved kinds. Those favoring him with a call will be satisfied, both in regard to quality and price. P. A. LEONARD, 66 Beaver st. 23 3m*

COTTON, WOOLEN AND SILK MANUFACTURERS' DEPOT.—ANDREWS & JESUP, No. 70 Pine st., N. Y., dealers in articles for the use of Cotton, Wollen and silk manufacturers, and agents for the sale of shearing, carding, burring, napping, wool-picking, flock-cutting and waste machines, regulators, satines, and jean warps, &c. Weavers' reeds and heddles, bobbins and spools, of every description, made to order. Sperm, lard and olive oils and oil soap. 34tf

FOR SALE.—A second-hand Upright Steam Engine of six horse power, with Cylinder Boiler of 22 feet long, 24 inches diameter, together with fly-wheel and shaft, pump, furnace, and bars, complete.—This engine is one of Burden's make; has been used in all about four months, and is in capital order. The engine will occupy about 3 feet square, fly-wheel weighs about 550 lbs., and will be sold for the low sum of \$550, delivered on ship board in good order. A draft for the above amount may be sent to. 34 MUNN & CO.

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, wollen and other mill. Cotton and wollen machinery of every description, embodying all the modern improvements. Mill gearing, from probably the most extensive assortment of patterns in this line, in any section of the country. Tools, turning lathes, slabbing, planing, cutting and drilling machines. Together with all other tools required in machine shops. Apply at the Matteawan Co. Work, Fishkill Landing, N. Y., or at No. 66 Beaver st. New York City, to WILLIAM B. LEONARD, Agent. 24tf

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 Planing Machines, Belting, machinery oil; Bea's patent Cob and Corn Mills; Burr Mill, and Grindstones, Lead and Iron Pipes, &c. Letters to be noticed must be post paid. 33tf

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.—Pamphlets containing a synopsis of Foreign Patent laws, and information can be had gratis on application. JOSEPH P. PIRSSON, Civil Engineer, Office 5 Wall street, New York. 33tf

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. Office on Commerce street, two doors from the Exchange Hotel. All letters must be post-paid. 32 10*

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. Orders from abroad will be promptly attended to, by addressing JESSE LEAVENS, Palmer Depot, Mass. 22 20t*

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. Address M., Engineer, Lowell Mass. 35 6*