

"J. M. B., of Ohio."—We do not see any patentable novelty in your bedstead fastener, neither do we believe it infringes upon any existing patent. We cannot advise you to apply.

"S. M., of N. Y."—We cannot advise you to apply for a patent for your lathe gearing, as we do not believe one could be obtained. We have seen, essentially, the same principle before.

"I. L. D., of Ind."—No patent could be obtained for your churn. The balloon tube is common, and has been in several models in this office; the rest presents nothing new that we can see. Mr. T.'s claim relates entirely to the ribs arranged inside.

"H., of Clyde, N. Y."—The principle of your device being old, its application to a new purpose could not be patented. There is no combination upon which a claim could be sustained, as we view it.

"W. B., of Tenn."—Your request is received and declined, for the reason that the Navy Yard is a long distance from our office and we could ill spare the time from our business to attend to it. You will of course excuse us on this ground, as we would gladly oblige you if we had time to do so.

"A. D. B., of Geo."—The principle of the new modification of the press is good, but your claim will cover it as it now stands, as the change is simply in its mechanical construction, the essence of the patent not being affected. When in New York you will find our office open, so don't fail "to drop in, you will not intrude.

"H. A. F., of Mass."—There is, as you justly observe, an endless variety of churns, and hence it is difficult to give a positive opinion as to their patentability. We like the ideas embraced in yours, and do not know of any other precisely like it. The probabilities are that you could obtain a patent.

"T. F., of N. Y."—Artificial eyes for stuffed birds are sold by J. G. Bell, 289 Broadway. The prices vary from 3 cents to \$3 per pair. By sending the name of the birds to Mr. Bell he will tell you the exact kind and price of the eyes you require.

"S. L. S., of Ohio."—The sketch of your improvement in grain drills is believed not to possess anything of a patentable character; sliding plates, moving through grooves for opening and closing the seed apertures, are very common in grain drills. We could not advise you to make application for Letters Patent.

"A. L., of Geo."—The remaining numbers of Ranlett's Architect have been sent. Please remit for the paper, as we do not open cash accounts with subscribers.

"J. A. S., of St. Louis."—Your favor of the 17th enclosing \$10 came safe, for which we are much obliged. We will attend to your business when you are ready to proceed.

"J. S. C. & Co., Ohio."—Patents can be extended to assignees as well as to the original inventor. It has been done.

"S. A., of Pa."—We do not know of anything to prevent you from obtaining a patent for your Apple Mill. The principle appears to be new and good. You can send us a model.

"W. A., of Charleston, S. C."—No patent could be obtained on the subject presented in yours of the 24th. We have seen the same thing done before, several years ago. Keep the secret if you can.

"E. E. M., of N. J."—Your coupling appears to be good, and so far as we know patentable.

"J. W. D., of N. J."—It would be impossible "to force a ball through a tube 100 miles long with occasional curves," by condensed air.

"J. R. C., of Mass."—We will sometime send you something about Australia.

"J. W. A., of Mich."—We believe your plan of friction to cure nervous disease to be good but it could not be covered by a patent so as to be of any precunary benefit to you. If you wish us to mention it as a good application to a useful purpose, we will do so.

"G. K., of Va."—Should not think you could obtain a patent for your plan of constructing chimneys, elevated hearths are used.

Money received on account of Patent Office business, since Jan. 28, 1851:—

S. B., of Conn., \$20; A. C. A., of Conn., \$35; H. H. O., of Conn., \$10; W. W., of N. Y., \$30; W. & P., of Pa., \$25; S. G. W., of N. Y., \$46, and S. & L., of N. Y., \$20.

Patent Claims.

Persons desiring the claims 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 the year the patent was granted (adding the month of the year when convenient), and enclosing one dollar as fee for copying.

Standing Notice to Subscribers.

Henceforth, parties ordering the Scientific American will be supplied with the paper commencing at the time the order is received, unless they particularly mention that the back Numbers of the present Volume are desired. We have on hand over 3,000 sets of the Numbers already published, and shall be happy to furnish all new subscribers with complete sets whenever requested.

The present volume of the Scientific American will be the most valuable encyclopedia, or year book of inventions we have yet published, and every person ordering it should not fail to receive the back numbers, to render his volume complete.

Those desiring Volume 5 of the Scientific American, are informed that we are able to furnish a few complete volumes, (bound,) at \$2.75 each. Also, we can send by mail sets complete, (unbound,) for \$2. We would also say, that whenever 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.

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

Patent Office.

183 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 claims, 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, Payne & Parken, Patent Attorneys, in London, for procuring Letters Patent in Great Britain and France, with great facility and dispatch. MUNN & CO., 183 Fultonstreet, New York.

THE NASHVILLE MANUFACTURING Company (chartered by the State of Tennessee) being now engaged in the erection of extensive machine works, wish to engage the services of a person thoroughly competent to manage the same. It is the intention of the Company to engage extensively in building locomotives, steam engines, &c. None but such as can furnish undoubted testimonials for skill, energy, and other requisites to fill the station, need apply. The Company also wish to employ a number of machinists, founders, &c., and would also receive propositions for the necessary tools, &c., for such an establishment. Immediate application, by letter or personally, to the undersigned, will meet attention. S. D. MORGAN, Pres't. Nashville Man. Co. Nashville, Tenn., Jan 17, 1851. 21 6*

TO LUMBER DEALERS.—Law's Planer having undergone important alterations, is now perfected and in successful daily operation, facing and matching at the same time, and in both respects, in a style not to be surpassed. The common objection that machines are expensive in repairs, is not applicable to these new machines—they are simple, strong, and easily kept in order. It is confidently believed that when they are well known they will have a decided preference over any other machine or mode of planing. Planing of all kinds done at short notice, corner of Water and Jay sts., Brooklyn. Law's Stave Machine dresses and joints staves of all kinds, shapes, and widths, by once passing through. Rights or machines for sale by H. LAW, 216 Pearl street, or after 1st March, at 23 Park Row. 21 8

LINEN AND HEMP MACHINERY.—I am prepared to contract with companies or individuals for the building of machinery by which linen can be produced as cheap as cotton, from either unrotted hemp or flax; also for making rope or bagging of unrotted hemp—the same machinery which I am now successfully using in the manufacture of kyanized cordage. O. S. LEAVITT. Maysville, Ky., Jan. 23, 1851. 21 4*

NEW YORK, JAN. 16th, 1851.—We have appointed Warren Gale our Agent for the sale of A. B. Wilson's Sewing Machine rights in the State of Ohio. The Subscriber will open an office in a few days, in Cincinnati, for the sale of rights of A. B. Wilson's Sewing Machine. All orders for machines or rights can be addressed to me, at Cincinnati. 19 4* WARREN GALE.

WILLIAM W. HUBBELL—Attorney and Counsellor at Law, and Solicitor in Equity, Philadelphia, Penn.

PATENT RIGHTS FOR SALE.—Goodman's Improvement for Turning Irregular Forms.—This machine has been patented about two years, and is well adapted to turning spokes, lasts, and bands; it differs from all other machines in having a combination of mandrels connected by gears, each of which holds one end of a stick to be turned, the other end being fastened by a common centre; over these hangs a cylinder, with cutters of sufficient length to come in contact with all the pieces to be turned, it being at right angles with them. Machines are now in operation which turn 4 spokes at a time, which will turn 50 an hour, leaving them better to finish than any other machine in use. For particulars, address DANIEL STONE, Dana, Mass. 18 5*

HUTCHINSON'S PATENT STAVE MACHINE.—C. B. HUTCHINSON & CO., Waterloo, N. Y., offer for sale town, county and State rights, or single machines, with right to use the same. This machine was illustrated in No. 2, Vol. 5, Sci. Am.; it will cut from 1,500 to 2,000 perfect staves per hour. We manufacture machines of different sizes, for keg, firkin, barrel and hoghead staves; also, heading shingle, and listing and jointing machines. These machines may be seen in operation at St. Louis, Mo.; Chicago, Ill.; Savannah, Ga.; Madison, Ia.; Ithaca, N. Y.; Waterloo, N. Y.; Bytown, C. W. Letters directed to us, post-paid, will receive prompt attention. 15 3m*

LEONARD'S MACHINERY DEPOT, 116 Pearlst., N. Y.—The subscriber has removed from 66 Beaver st. to the large store, 116 Pearlst., and is now prepared to offer a great variety of Machinists' Tools, viz., engines and hand lathes, iron planing and vertical drilling machines, cutting engines, slotting machines, universal chucks, &c. Carpenters' Tools—mortising and tenoning machines, wood planing machines, &c. Cotton Gins, hand and power, Carver Washburn & Co.'s Patent. Steam Engines and Boilers, from 5 to 100 horse power. Mill Gearing, wrought iron shafting and castings made to order. Particular attention paid to the packing, shipping, and insurance, when requested, of all machinery ordered through me. P. A. LEONARD. 15 3m

WANTED—By a Southern foundry and machine shop, in a healthy and desirable location, a man who is practically acquainted with, and fully experienced in the inside management and conduct of a foundry and machine shop. The establishment is large and requires for the office a man fully qualified as a designer and draughtsman, and thoroughly acquainted with, and experienced in engine and mill works of all descriptions. To a party who can furnish the very best testimonials from undoubted sources, of the highest qualifications, and who may render satisfaction, permanent employment will be given, none other need apply. A bond of five thousand dollars with approved security for faithful and competent discharge of duty will be required. The salary will be from \$2000 to \$3000, dependent upon the reputation, general experience, and character of the party. All communications will be regarded, strictly confidential. Address, with real name, post-paid, box 664, New York City. 17 5*

ALSO—An experienced and thorough Designer and Draftsman, for a Southern foundry and machine shop: one thoroughly versed in engine and mill work. 17 5*

SCRANTON & PARSLEY, Tool Builders, New Haven, Conn., will have finished 2 Power Planers ready to ship by the 1st of Feb., that will plane 9 feet long, 31 inches wide, and 24 inches high, with angle feed; counter shaft, pulleys, and hangers, splining and centre heads, with indexplate, and weigh over 5,000 lbs.; also 2 power planers that will plane 5 feet long, 22 in. wide, and 20 in. high, with counter shaft, pulleys, and hangers, and weigh 2,400 lbs.—These planers are 25 per cent. lower than any others built. Cuts can be had by addressing as above, post paid. 19 1f

1851 TO 1856.—WOODWORTH'S PATENT PLANING MACHINE.—Ninety-nine hundredths of all the planed lumber used in our large cities and towns, continues to be dressed with Woodworth's Patent Machines, which may be seen in constant operation in the steam planing mills at Boston, Philadelphia, New York, Jersey City, Williamsburgh, Brooklyn, Albany, Troy, Utica, Rome, Syracuse, Geneva, Rochester, Lockport, Buffalo, Elmira, Pittsburg, Jamestown, Gibson, Binghamton, Ithaca, &c. &c. The price of a complete machine is from \$100 to \$1,000—according to size, capacity, and quality. Persons holding licenses from the subscriber are protected by him against infringements on their rights. For rights to use these machines in the Counties of Queens, Richmond, Suffolk, and Westchester, and the other unoccupied counties and towns of New York, and Northern Pennsylvania, apply to JOHN GIBSON, Planing Mills, Albany, N. Y. 18 4*

WORLD'S FAIR, LONDON, in 1851.—ANDREW P. HOW, Civil Engineer and Machinist, 35 Mark Lane, London, England. Mr. How is a native of the United States, in the abovesaid business in the city of London. He offers his services to those of his countrymen who may have any kind of steam or other machinery to be exhibited at the Great Fair. He will, if required, receive it on arrival, and do all that may be necessary towards its erection, &c. References in New York—Thos. Sewell, 701 Broadway; Joseph Barton, 516 Grand st. 16 8*

CLOCKS FOR CHURCHES, PUBLIC Buildings, Railroad Stations, &c.—The subscriber having made important improvements in the apparatus for counteracting the influence of the changes of temperature upon the pendulum, and in the retaining power, together with a most precise method of adjusting the pendulum to correct time, are prepared to furnish Clocks superior to any made in the United States, both for accuracy of time-keeping and durability. They speak with confidence, from having tested their performance for several years. All clocks ordered and not proving satisfactory, may be rejected. Address SHERRY & BYRAM, Oakland Works, Sag Harbor, L. I. "Mr. Byram has established his reputation as one of the first clock makers in the world!"—Scientific American. 17 5eow*

PATENT DREDGE BOAT.—The subscriber having obtained a patent for improvements on the Dredge Boat, offers to sell rights to build and to use his Patent Dredge Boat in any part of the United States; the excavating apparatus consists of twenty scoops, preceded by plows receiving great pressure, and are capable of raising eight or ten cubic yards of mud or gravel per minute; the scooping apparatus may be fitted on an old steamboat or other vessel, for the purpose of removing bars or other obstructions to navigation. A working model may be seen by calling on the subscriber. JAMES CALLAGHAN, 20 10* No. 64 Spruce st., New Bedford, Mass.

WILSON'S SEWING MACHINE.—New York Jan 17, 1851.—This is to certify that E. E. Lee, Esq., has made for our store several pairs of pantaloons, on his sewing machine, which we find to be done quite as well as is usually done by hand labor. G. P. & J. B. WILKINSON, Manufacturers of Clothes, 30 John st., cor. Nassau. 20 3*

DICK'S GREAT POWER PRESS.—The public are hereby informed that the Matteawan Company, having entered into an arrangement with the Patentee for the manufacture of the so-called Dick's Anti-Friction Press, are now prepared to execute orders for the following, to which this power is applicable, viz.—Boiler Punches, Boiler Plate Shears, Saw Gummets, Rail Straighteners, Copying and Sealing Presses, Book and Paper Presses, Embossing Presses, Presses for Baling Cotton and Woollen Goods—Cotton, Hay, Tobacco, and Cider Presses; Flaxseed, Lard, and Sperm Oil Presses; Stump Extractors, &c. &c. The convenience and celerity with which this machine can be operated, is such that on an average, not more than one-fourth the time will be required to do the same work with the same force required by any other machine. WILLIAM B. LEONARD, Agent, No. 66 Beaver st., New York City. 13 1f

MACHINES FOR CUTTING SHINGLES.—The extraordinary success of Wood's Patent Shingle Machine, under every circumstance where it has been tried, fully establishes its superiority over any other machine for the purpose ever yet offered to the public. It received the first premium at the last Fair of the American Institute—where its operation was witnessed by hundreds. A few State rights remain unsold. Patented January 8th, 1850.—13 years more to run. Terms made easy to the purchaser. Address, (post-paid) JAMES D. JOHNSON, Redding Ridge, Conn., or Wm. WOOD, Westport, Conn. All letters will be promptly attended to. 10 1f

GURLEY'S IMPROVED SAW GUMMERS—For gumming out and sharpening the teeth of saws can be had on application to G. A. KIRTLAND, 205 South st., N. Y. 10 1f

A CARD.—The undersigned begs leave to draw the attention of Architects, engineers, machinists, opticians, watchmakers, jewellers, and manufacturers of all kinds of instruments, to his new and extensive assortment of fine English (Stubs) and Swiss Files and Tools, also his imported and own manufactured Mathematical Drawing Instruments of Swiss and English style, which he offers at very reasonable prices. Orders for any kind of instruments will be promptly executed by F. A. SHENMANN, Importer of Watchmakers' and Jewellers' Files and Tools, and manufacturer of Mathematical Instruments, 154 Fulton street. 1 6m.

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. 9 1f

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; Mortising 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. 10 1f

BAILEY'S SELF-CENTERING LATHE, for turning Broom and other handles, swelled work, chair spindles, &c.; warranted to turn out twice the work of any other lathe known—doing in a first rate manner 2000 broom handles and 4000 chair spindles per day, and other work in proportion. Orders, post-paid, may be forwarded to, L. A. SPALDING, Lockport, N. Y. 21 1f

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. 7 1f

RAILROAD CAR MANUFACTORY.—TRACY & FALES, Grove Works, Hartford, Conn. Passage, Freight and all other descriptions of Railroad Cars, as well as Locomotive Tenders, made to order promptly. The above is the largest Car Manufactory in the Union. In quality of material and in workmanship, beauty and good taste, as well as strength and durability, we are determined our work shall be unsurpassed. JOHN R. TRACY, THOMAS J. FALES. 16 1f

FOWLERS & WELLS, Phrenologists and Publishers, Clinton Hall, 131 Nassau st., New York—Office of the Water Cure and Phrenological Journals. Professional examinations day and evening. 3 6m

MANUFACTURERS' FINDINGS and Leather Binding.—The subscriber is prepared to offer a large assortment of manufacturers' Findings for Cotton and Woollen Factories, viz., bobbins, reeds, harness, shuttles, temples, rockers, harness twines, varnish, rollers, card clothing, card stripper and clamps, calf and sheep roller, leather, lace, and picker string, potato & wheat starch, oils, &c. Leather Binding, of all widths, made in a superior manner from best oak tanned leather, riveted and cemented. 15 3m P. A. LEONARD, 116 Pearl st.

UNITED PATENT OFFICE IN PARIS AND LONDON.—GARDISSAL & CO., 9 Arthur st., west, city, London; Paris, 29 Boulevard St. Martin.—Procurement of Patents for England, Ireland, Scotland, France, and all countries; and transactions of all business relating to patents, (sale and license,) specifications, oppositions, &c. "The Invention," monthly journal, \$1 a-year. 15 4m*

LAP-WELDED WROUGHT IRON TUBES for Tubular Boilers, from 1-4 to 7 inches in diameter. The only Tubes of the same quality and manufacture as those so extensively used in England, Scotland, France and Germany, for Locomotive, Marine, and other Steam Engine Boilers. THOS. PROSSER & SON, Patentees, 16 1f 28 Platt st., New York.

STRAW CUTTER FOR SALE.—We have on hand one of Macomber's Improved Straw Cutters, patented Nov. 5, 1850, illustrated in No. 50, Vol. 5, Sci. Am. Price \$10. Address MUNN & CO

THE SUBSCRIBER is now finishing four 14 horse engines, with boiler and apparatus all complete—price \$1200 each. Several 6 horse engines extremely low; also, several of smaller capacity, complete; also, several power planers, now finishing—Galvanized chain for water elevators, and all fixtures—price low—wholesale and retail. Orders, post-paid, will receive prompt attention. AARON KILBORN, No. 4 Howard st., New Haven, Conn. 18 10*