

TO CORRESPONDENTS.

"A. T., of Vt."—If we correctly understand your invention, it possesses so little novelty that it would not be considered the subject of a patent.

"G. W. C., of Me."—Your papers which were forwarded to us a long time since, we have filed. If you design to furnish the patent office with a new model, you will be obliged to send new papers entire, and pay additional fees. We should advise you to send back to the office your old papers, and petition for a withdrawal and then commence anew.

"S. L. S., of N. Y." the model of your planter has been examined. We can see nothing new in it on which a claim could be sustained. The only point of difference between yours and the one patented by J. P. Goschen, in March last, is the employment of a roller having an eccentric groove on its face. Grooves like the one shown in your model have been employed in opening and closing valves in engines, and for other purposes. Its application to this purpose could not be considered a patentable subject.

"S. T. G., of Geo."—We have examined the contents of your letter, and are of the opinion that your plan is new. Two needles, we think, are employed in Mr. Brooman's machine. We have never seen it. The shuttle has not been dispensed with, and in this respect yours is without doubt new, but to determine this point, we should require either a model or a well described drawing.

"H. J. B. C., of N. C."—Yours of the 25th inst. has come to hand. We shall endeavor to obtain the information you require as soon as six or eight days from this. We could not answer you immediately as we had not the information.

"W. L. & W. Z., of N. Y."—We have attended to your business, and presume it will all come straight.

"I. D. B., of Berlin, Canada."—On page 1, Vol. 3, Scientific American, you will find an engraving of such a pump as you refer to. \$1 received; your subscription will now expire with No. 33.

"C. P., of Ohio."—We are much obliged for your complimentary letter; glad to hear that the Scientific American is well received by a farmer. We may add our opinion that you have paid yourself a high compliment. Farmers should always be scientific.

"S. T. B., of N. Y."—The principle of your rotary engine is very old, see page 72, Vol. 4, Sci. Am. No patent could be obtained upon it.

"S. I., of N. Y."—Your substitute for the crank is among the oldest for that purpose ever brought forward. It is worth nothing, and is much inferior to many other plans which have been tried. The device is more than twenty years old. Try again.

"J. C. M., of Ohio."—We do not see how you could get a patent. The same principle is embraced in a curved arm cutter, which is old and well known.

"J. T., of Pa."—We omitted to state that we could see nothing of a patentable character in your re-action water-wheel, and could not advise you to make application for a patent.

"A. G. O., of Geo."—Yours by some accident was misplaced. We do not know the price of Haine's Calculator; Avery's Pump is free property—there are none made at present.

"S. S. M., of Mo."—No patent can be obtained on the mortising machine. The parallel rack motion is a well known device for purposes analogous to that for which you design to employ it. This principle applied to mortising machines would not, in our opinion, be as good as some others we have seen.

"A. O., of N. Y."—The law provides that no patent shall be held invalid by reason of the purchase, sale, or public use of an invention, prior to application for Letters Patent, unless such purchase, sale, or public use has been for more than two years prior to such application. This will preclude Mr. B. from obtaining a good valid patent. This fact, when known to a court, would destroy the patent. No amendments have been made to the laws since 1849.

G. H. R., of Ill.; A. W. P., of Ohio; W. B. W., of Ala.; C. T. W., of Ky.; and W. F. & Co., Ireland. Your letters will be answered as soon as we can obtain the information you desire.

"C. A. R., of Conn."—We have examined your device, and believe it to possess novelty sufficient to warrant an application for Letters Patent. The combination of the traversing bars, cams, and revolving heads, is the only point upon which a claim could be based. We advise you to send a model without delay to this office. The principle appears to be good.

"A. B. J., of Md."—You can consult us confidentially. Inventions are not exposed in this office to any one except our examiners.

"R. Y., of Pa."—Why was it not established at the Philadelphia trial, that Battin's Breaker was old. It will not do in a case of law to say that the principle is not a good one, if it is not good why do defendants use it. We have seen a great number of machines in Europe, but not one exactly like it. We believe, with yourself, that other machines may be made to work as well, if not better. If Mr. C. gets a patent for a mill, and it is the same as has been made and long used by you, then, upon proof, his patent will be void. You could not obtain a patent on the match gum varnish—shellac has been used for the same purpose. It is a good plan, however.

Money received on account of Patent Office business, since Dec. 4, 1850:—
H. W., of N. Y., \$50; L. I. W., of R. I., \$30; Miss L. A. S., of Pa., \$50; S. T. S., of Mass., \$30; A. D. S., of N. Y., \$50; W. & F., of N. Y., \$25, and T. H. B., of N. J., \$10.

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.

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Patent Office.

123 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. 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 dispatch.

MUNN & CO.,
123 FULTON ST.,
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TO IRON FOUNDERS, &c.—Fine ground and bolted Foundry Facing, viz.: Sea Coal, Charcoal, Lehigh, Soapstone, and Black Lead. Fire Clay, Fire Sand, Kaoline, and Fire Brick; also Iron and Brass Founder's superior Moulding Sand, in barrels, or otherwise, for sale by G. O. ROBERTSON, New York. City Office, 4 Liberty Place, Liberty street, near the Post Office. 13 5*

WATER-PROOF BLACKING.—G. R. Townsley having received Diplomas from the various Fairs, where his celebrated Water-proof Blacking has been exhibited, takes this method of informing the public that he continues the manufacture of it at Springfield, Mass. Each box of blacking contains a sufficient quantity to last one person for six months, and it is warranted to render boots impervious to water, gives a good polish, and is a preservative to leather. Address G. R. TOWNSLEY, Springfield, Mass.—A sample may be seen at this Office. 184*

PATENT BREAD CUTTER.—The subscriber is now prepared to sell rights for a single State, or for all the States, except Connecticut, Vermont and Maine, on liberal terms. The Cutter will be wanted in almost every family, and will sell readily at a large profit to the manufacturer. Personal application, or by letter (post-paid) directed to the subscriber at Berlin, Conn., will receive prompt attention. FRANKLIN ROYS. 12 10

FOR SALE.—A good second-hand Steam Engine, 8 inch cylinder, 32 inch stroke, with one boiler, 3 feet diameter; 22 feet long, with one 16 inch flue, refitted in good order. CHUTE, BROTHERS, Schenectady, N. Y. 13 4*

DICK'S GREAT POWER PRESS.—The public are hereby informed that the Matteawan Company, having entered into an arrangement with the Patentees 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 Gumpers, Rail Straighteners, Copying and Sealing Presses, Book and Paper Presses, Embossing Presses, Presses for Baling Cotton and Woolen Goods—Cotton, Hay, Tobacco, and Cider Presses; Flax-seed, 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,
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BARNUM'S PATENT PLANING MACHINE.—Contracts may now be made for the construction or use of these machines in any part of the U. S.: they not only possess equal facilities with any other, for planing coarse lumber for flooring, &c., but remove all the objections urged against machine planing, for doing work suitable for the finest purposes required in house, ship, or steamboat building, finishing the material with the grain, and fully equal to hand planing, leaving no indentations on the surface of the board, (as in all machines using pressure rollers in planing, by the chips and knots collected passing between the planed surface and weighted feed rollers, thereby destroying fine work, designed for painting, &c.) as there is no appliance whatever on the planed surface. Apply to DANIEL BARNUM, Snowden's Wharf, Philadelphia, where the machines may be seen in constant operation. 13 5*

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WE WOULD remind our numerous friends throughout the country, that we still continue to conduct the business of procuring Letters Patent for new inventions in this and all foreign countries, where the right is recognized. Since making arrangements with those eminent attorneys, Messrs. Barlow, Payne & Parken, Editors of the London Patent Journal, we have secured and managed through them, several foreign applications, with the utmost economy and facility. Inventors and others, desiring advice upon this subject, can correspond confidentially with the Editors of this paper.

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, 433 Broadway, New York. L. I.
"Mr. Byram has established his reputation as one of the first clock makers in the world."—Scientific American. 4 3meow*

A MANUFACTURER WANTED.—I wish to employ for a term of years, a man of industrious habits, good moral character, not more than 40 years of age, qualified to manage and superintend hands in a cotton and spinning factory, and who is a first rate carder and spinner. The location is a healthy one, machinery propelled by water, 700 to 1000 spindles; salary liberal. Nothing short of the most satisfactory recommendations will be considered. Address the subscriber, immediately, at McMinnville, Tenn. WILLIAM BLACK. Central Factory, Tenn., Nov. 25, 1850. 12 4

COTTON MACHINERY FOR SALE.—Viz. 4 filing frames, 144 spindles each; dead spindle, nearly new; 1 three head drawing frame, with extra rolls; 1 Mason's speeder, 16 strands; 1 lapper; 1 cone willow; 1 band machine; 1 banding press; 1 warper—on very reasonable terms, by ELI WHITNEY. New Haven, Nov., 1850. 9 6*

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, 150, per 11 hours.

This Lathe is capable of turning under two inches diameter, with only the trouble of changing the dies and pattern to the size required. It will turn smooth over swells or depressions of 3-4 to the inch, and work as smoothly as on a straight line, and does excellent work. Sold without frames for the low price of \$25—boxed and shipped, with directions for setting up. Address, (post-paid) MUNN & CO., 147f At this Office.

IMPORTANT NOTICE TO CONFECTIONARY MAKERS.—Whereas, a patent was granted to the undersigned, Oct. 8th, 1850, for an improvement in the manufacture of Confits, and from certain knowledge which he has received, he believes that parties are using it without his consent. Vigorous measures are now being taken to ascertain who the unprincipled parties are, in order that they may be dealt with according to law. This notice is to warn all not to infringe the patent, as it is not the intention of the patentee to dispose of rights. Parties using it will have no authority. W. H. HOLT, Patentee. Hartford, Conn., Nov. 25, 1850. 11 8*

THE SUBSCRIBER is now finishing four 14 horse engines, with boiler and apparatus all complete—price \$1200 each. Several 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. 11 6*

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. 107f

UNITED PATENT OFFICE IN PARIS AND LONDON.—GARDISSAL & CO., 29 Boulevard St. Martin, Paris, and No. 9 Arthur st. west, city, London. Patents procured in Great Britain and on the Continent: "I Brevet d'Invention," weekly journal, published by the same firm. 37f

GURLEY'S IMPROVED SAW GUMMERS—for gumming out and sharpening the teeth of saws can be had on application to G. A. KIRTLAND, 245 South st., N. Y. 10 6

SCRANTON & PARSHLEY.—New Haven, Conn., will have finished by the 15th of December, 12 Engine Lathes of 8, 10 and 12 feet beds, and weigh 1500, 1650, and 1800 lbs; price \$200, \$220 and \$240. These Lathes are from a new set of patterns, and are greatly improved from their former small size lathes; they swing 21 inches, and have back and screw gearing, centre rest, follow rest, drill, chuck and overhead reversing pulleys, all hung in a cast iron frame, ready for use. On and after the first of Dec., by addressing as above (post paid) cuts can be had of these, with index card, showing the different pitch threads that these lathes will cut.
Two of the power planers heretofore advertised in this paper, are now ready to ship to the first order; they weigh from 4500 to 4600 lbs., when finished. 94f

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. SIBENMANN, Importer of Watchmakers' and Jewellers' Files and Tools, and manufacturer of Mathematical Instruments, 154 Fulton street. 1 3m*

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 94f

COTTON, WOOLEN AND SILK MANUFACTURERS' DEPOT.—ANDREWS & JESSUP, 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. Weavers' reeds and heddles, bobbins and spools, of every description, made to order. Sperm, lard and olive oil and oil soap. 14f

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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. These lathes are simple in construction, not liable to get out of repair, and will do enough more than other lathes, in three months' use, to pay their cost. One of them may be seen at the office of Munn & Co., New York. Price of Lathe for turning broom and hoe handles, rake stales, scythe snaths, Windsor and cottage chair legs and pillars, \$100, with one set of tools; \$125 with two sets. Lathe for turning chair spindles, whip stocks, gun rods, &c., complete, \$75. Orders, post-paid, may be forwarded to L. A. SPALDING, Lockport, N. Y. 93m

LAP-WELDED WROUGHT IRON TUBES for Tubular Boilers, from 1 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, 28 Platt st., New York. 84f

HISTORY OF PROPELLERS.—This interesting and useful volume, compiled by one of the Editors of the Scientific American, from articles previously prepared for, and published in, Vol. 5 of that paper, is now ready for the Trade. It contains 144 pages of letter-press, and 82 illustrations, embracing views of nearly every kind of propeller that has been invented. This work is beautifully bound in cloth, and is sold at the low price of 75 cts. We also have them in paper covers, for mailing—price as above. Address MUNN & CO., at this Office.

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