

TO CORRESPONDENTS.

J. K., of Ohio.—We cannot advise you about the prospects of a market here for bed pins; we do not know of any one here engaged in the sale of this article.

NEW EDITION OF THE PATENT LAWS.—We have delayed for some months the issue of another edition of the present Patent Laws in the expectation that Congress would most certainly at this Session, make some simple amendments to them—such as are earnestly sought for by inventors and patentees.

MODELS.—We shall esteem it a great favor if inventors will always attach their names to such models as they send us. It will save us much trouble, and prevent the liability of their being mislaid.

TO THE UNFORTUNATE.—We are no longer able to supply the following back numbers of the present volume: Nos. 6, 12, 14, 15, 17, 18, 19, 21, 22, 23, 24, 25, 27, 28, 29, 30, 34, 35, and 37.

PATENT CLAIMS.—Persons desiring the claim 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 date of patent when known, and enclosing \$1 as fees for copying.

RECEIPTS.—When money is paid at the office for subscription, a receipt for it will always be given; but when subscribers remit their money by mail, they may consider the arrival of the first paper a bona fide acknowledgment of the receipt of their funds.

Terms of Advertising.

Table with 2 columns: Line length, Price per line. 4 lines, for each insertion, \$1. 8 lines, \$2. 12 lines, \$3. 6 lines, \$4.

Advertisements exceeding 15 lines cannot be admitted either as engravings be inserted in the advertising columns at any price.

IMPORTANT TO INVENTORS.

THE UNDERSIGNED having had Ten years' practical experience in soliciting PATENTS in this and foreign countries, beg to give notice that they continue to offer their services to all who may desire to secure Patents at home or abroad.

Over three thousand Letters Patent have been issued, whose papers were prepared at this Office, and on an average fifteen, or one-third of all the Patents issued each week, are on cases which are prepared at our Agency.

ABLE CORPUS OF ENGINEERS, EXAMINERS, DRAUGHTSMEN, and Specification writers are in constant employment, which renders us able to prepare applications on the shortest notice, while the experience of a long practice, and facilities which few others possess, we are able to give the most correct counsel to inventors in regard to the patentability of inventions placed before us for examination.

Private consultations respecting the patentability of inventions are held free of charge, with inventors, at our office, from 9 A. M., until 4 P. M. Parties residing at a distance are informed that it is generally unnecessary for them to incur the expense of attending in person, as all the steps necessary to secure a patent can be arranged by letter.

Model and fees can be sent with safety from any part of the country by express. In this respect New York is more accessible than any other city in our country.

Circulars of information will be sent free of postage to any one wishing to learn the preliminary steps towards making an application. In addition to the advantages which the long experience and great success of our firm in obtaining patents present to inventors, they are informed that all inventions patented through our establishment, are noticed, at the proper time, in the SCIENTIFIC AMERICAN. This paper is read by less than 100,000 persons every week, and enjoys a very wide spread and substantial influence.

Most of the patents obtained by Americans in foreign countries are secured through us; while it is well known that a very large proportion of all the patents applied for in the U. S., go through our agency.

M NN & CO. American and Foreign Patent Attorneys, Principal Office 123 Fulton street, New York.

FETTER'S PATENT BOOT CRIMPING Machine is in successful operation in many places, and can be obtained by addressing FETTER & CO., No. 5 Hart's Buildings, Sixth st. above Chestnut, Philadelphia, Pa. Agents wanted.

THE PATENT DECISION.—To the Editors of the SCIENTIFIC AMERICAN.—The statement in your paper of this morning in regard to the verdict of the jury in the case of George Page vs. Georgia, is a perversion of the truth. It is true that the verdict was in favor of the defendant, but not upon the ground stated in the Elmira Advertiser, which you copied. On the first ballot of the jury there were 7 for the plaintiff and 5 for the defendant.—The jury then proceeded to take up each question separately. First, they passed upon the question of priority of invention, and decided in favor of plaintiff, George Page.

MECHANIC'S GUIDE (Useful Tables and Recipes) Ten cents. History of Steam Ploving, Fifty cents. Wilson on the Horse, 12-2 cents. Sent by mail on receipt of price. JOHN PHIN, Rochester, N. Y.

WOOD BENDING APPARATUS.—Patented March 11th, 1856, for bending plow handles, carriage, chair, boat, ship timbers, &c. This apparatus is simple and inexpensive, and can be constructed by the most ordinary mechanic, and operated by hand or power equally well. Apparatus constructed and ready to use for the same purpose. Address JOHN MORRIS, No. 113 Mill st., Cincinnati, O., or E. GRIFFITH, Troy, N. Y.

Important Items.

BALLOON—I will sell the Balloon "Young Ameri" used at Boston 4th of July last, all in complete order, desirably painted on, &c. Holds 10,000 cubic feet. Terms low. JOHN WISE, Lancaster, Pa.

ALEXANDER'S COMPOUND Parallel Sawing Machine, for making lath from the slab or board cross-cutting, ripping, and sawing miter, all combined in a cheap, simple and compact manner.

TWENTY-EIGHTH ANNUAL FAIR OF THE American Institute of the City of New York at the Crystal Palace.—This magnificent and spacious building will be opened for the reception of Goods from Monday the 15th, until Saturday the 20th of September.

CIRCULAR SAW MILLS.—The subscriber has on hand, and is constantly manufacturing those celebrated mills, with saws from 30 to 80 inches diameter, adapted to manufacturing most kinds of lumber, and warranted to give satisfaction.

MACHINE BELTING, Steam Packing, Engine Hose.—The superiority of these articles manufactured of vulcanized rubber is established. Every belt will be warranted superior to leather, at one-third less price.

PAGE'S PATENT CIRCULAR SAW MILLS with Steam Engine and Boiler, and for sale for \$1500 at School Machine Depot, 163 Greenwich st. New York. A. L. ACKERMAN, 49 10*

PREMIUMS FOR FIRE ENGINES.—The large Gold Medal will be awarded for the best Steam Fire Engine, and for the best Fire Engine, to be operated by hand power, to be exhibited at the Fair of the American Institute this Fall. By order of the Managers. W. M. B. LEO, Agent.

SECOND HAND STEAM ENGINES FOR SALE.—One of six and one of eight-horse power. In good order, and will be sold low. W. H. ADAMS, 48 2*, 29th st. cor. 11th ave.

NOTICE.—To Agricultural Societies and Manufacturers.—G. & J. W. Gibbs, of Canton, Ohio, have invented a Dynamometer, the best yet brought before the American people for testing the draft of plows, mowers and reapers, &c. Those wishing to secure one of these valuable instruments for the coming trials this fall, should order early. Instruments warranted. Patent applied for. 48 3*

INGERSOLL'S IMPROVED PORTABLE Press for Hay, Cotton, Tobacco, &c.—A silver medal for which was awarded last fall at the Fair of the American Institute, and also at the Fair of the County Fair in Conn. On account of its cheapness, compactness, portability and great power it is excellently adapted to the wants and means of every farmer and planter, and is believed to be far superior in every respect to any other machines of the kind now manufactured.

WELTON, STEARNS & HOLMES.—Artesian Engineers, Charleston, S. C., and Augusta, Ga. A. C. WELTON, I. H. STEARNS, C. B. HOLMES. 48 3*

FOR SALE.—9 Volumes of the Scientific American. 2 to 10 inclusive, complete and well bound. Address J. V. HAYNES, West Meriden, Conn. 48 2*

VANFLEET'S PLANING MACHINE.—Important to Builders, Dealers in Lumber, Car Manufacturers, &c.—This machine does not take half the power that the Woodworth Planer does, and is applicable and practicable for horse power. For rights and machines address D. C. HENDERSON, Sandusky, O. 48 4*

50 STEAM ENGINES.—From 3 to 40-horse power also portable engines and boilers; they are first class engines, and will be sold cheap for cash. WM BURDON, 102 Front st., Brooklyn. 41 1*

GOLD QUARTZ MILLS of the most improved construction; will crush more quartz and do it finer than any machine now in use, and costs much less. WM BURDON, 102 Front st., Brooklyn. 41 1*

HARRISON'S GRIST MILLS.—20, 30, 36 and 48 inches diameter, at \$100, \$200, \$300, and \$400, with all the modern improvements; Bolters, Elevators, Belling, &c. &c. Also, Portable and Stationary Steam Engines of all sizes, suitable for Mill Drives. Apply to S. C. HILLS, 12 Platt st., N. Y. 32 23w*

MACHINERY.—S. C. HILLS, No. 12 Platt street, N. Y., dealer in Steam Engines, Boilers, Planers, Lathes, Chucks, Drills, Pumps, Mortising, Tenoning, and Sash Machines, Woodworth's and Daniel's Planers; Dick's Punches, Presses, and Shears; Cob and Corn Mills; Harrison's Grist Mills; Johnson's Shingle Mills; Belling, Oil, &c. 26 23w*

ENGINEERING.—The undersigned is prepared to furnish specifications, estimates, plans in general or detail of steamships, steamboats, propellers, high and low pressure engines, boilers and machinery of every description. Broker in steam vessel, machinery, boilers, &c. General Agent for Ashcroft's Steam and Vacuum Gauges, Allen & Noyes' Metallic Self-adjusting Conical Packing, Leitch's Water Gauge, Sewell's Sainometers, Dudgeon's Hydraulic Lifting Press, Roebing's Patent Wire Rope for hoisting and steering purposes, Machinery Oil of the most approved kind, etc. CHARLES W. COPELAND, Consulting Engineer, 64 Broadway. 27 20w*

IRON FOUNDER'S FACING MATERIALS.—Viz. Sea Coal, Hardwood Charcoal, Lehigh Coal, Soapstone, and German Black Lead finely pulverized; also Core Flour, Fire Clay, Fire Sand, and Fire Bricks, for sale by G. O. ROBERTSON, 135 Water st., New York. 44 24w*

CLOCKS for Churches, Court Houses, &c. Regulators and time pieces for jewelers, railroads, offices, &c. Also glass dials of any size for illuminating, and other kinds manufactured and warranted by the subscriber.—JOHN SHERRY, Oakland Works, Sag Harbor, N. Y. 37 12 2w*

CLARK'S PATENT WATER REGULATOR.—The only perfect security against steam boiler explosions, caused by want of water. Every steam boiler should have one. Regulators sold and applied and rights for most of the States and Territories, for sale by S. C. HILLS, 12 Platt st., N. Y. 48 26w*

CIRCULAR SAWS.—We respectfully call the attention of manufacturers of lumber to the great improvements recently introduced in the manufacture of our Circular Saws. Being sole proprietors of Southwell's patent for grinding saws, we are enabled to grind circular saws from six inches to six feet with the greatest accuracy and precision.

KNITTING MACHINES.—Circular and straight knitting machines of all sizes and gauges on hand and made to order. WALTER AIKEN, Franklin, N.H. 46 8*

PAGE'S PATENT PERPETUAL LIME KILN, will burn 100 barrels of lime on three days of wood every 24 hours; likewise my coal kiln will burn 150 bushel with 1 tub bituminous coal in the same time; coal is not mixed with limestone. Rights for sale. 45 26 C. D. PAGE, Rochester, N. Y.

NORRIS WORKS, Norristown, Pa.—Ingis, Carson & West Iron and Brass Founders, Machinists, Boiler Makers and Steam Engine Builders.—Manufacture Cornish Pumping Engines of an improved construction for mines and Water works, of any capacity. All kinds of Mining Machinery, Sugar Mills, Propeller Engines for Canal Boats, Blowing Cylinders, and all heavy machinery required in the Engineering business generally. ANDREW INGLES, RICHARD R. CORSON, JOHN WEST. 43 1*

LAWRENCE SCIENTIFIC SCHOOL.—Harvard University, Cambridge, Mass. The next term will open on Thursday, Aug. 25th. For catalogue containing full particulars address E. W. HORSFORD, Dean of the Faculty. 42 8

BARREL MACHINERY.—CROZIER'S PATENT is unrivalled in point of quality and quantity of work performed, and may be seen in constant operation at the Barrel Manufactory of the undersigned. For rights and machines address WELCH & CROZIER, 43 18*, Oswego, N. Y.

TO CAR BUILDERS.—For Sale, one new Upright Boring Mill for boring car wheels. Maker's price \$600, will be sold for \$300 cash. Address GEO. S. LINCOLN & CO., Hartford, Ct. 43 1*

FOR SALE.—One second-hand 7 ft. power Planing Machine, made by the New Haven Manufacturing Co. Cost \$500, will be sold for \$300 cash. Has been used only about four months. Also an upright lathe by the same makers. Cost \$30, will be sold for \$20 cash. Address GEORGE S. LINCOLN & CO., Hartford, Conn. 47 1*

BOILER FLUES.—All sizes and any length promptly furnished by JAMES O. MORSE & CO., No. 79 John st., N. Y. 37 3mos

WROUGHT-IRON PIPE.—Plain, also galvanized inside and outside, sold at wholesale by JAMES O. MORSE & CO., No. 79 John st., N. Y. 37 3mos

FORBES & BOND, Artists, 89 Nassau st., N. Y., Mechanical and general Draughtsmen on wood, stone, &c.

THE NEW YORK DAILY SUN for \$2 a year. The miracle of the present age is accomplished by the Publisher of the New York Sun, in furnishing subscribers in clubs of thirty or more with the daily paper by mail for \$2 a year. The Sun commences in 1853; is the oldest, as well as the cheapest of all the cheap daily newspapers. It contains the latest news to be had by telegraph, mail, or express—its independent on all subjects, and has for its platform "Common Sense." Club rates—payable in advance, 5 copies one year \$16-50, 10 copies \$30; 15 copies \$41-25; 20 copies \$50; 25 copies \$56-25; 30 copies \$62 a year. Single copies 4 cents. Papers to be sent in one wrapper, and only by mail, and to be directed to one person only. The postage on the Daily Sun within the State of New York is only 78 cents per year, and only \$1-56 to any other part of the United States. Specimen copies sent gratis on application. Letters (always post paid) to be directed to MOSES S. BEACH, Sun Office, New York City. 37 1*

VAIL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, Bogardus' Horsepowers, Smut Machines, Saw and Grist Mill irons and Gearing, Saw Gummies, Ratchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch. LOGAN & LINCOLN, 9 Gold st., N. Y. 13 1y*

FULMER & CO., Electrotype engravers, and Manufacturers of Electrotype Materials, 123 Fulton st., N. Y. Moulding Presses, Batteries, Cases, Backing Pans, Shaving Machines, Metal Kettles, Planes, Blocks, Building Irons, etc., on hand, or furnished at short notice, and at moderate charges. Adams' Improved batteries and black-lead machines also for sale. 23 1*

OIL! OIL! OIL!—For railroads, steamers, and for machinery and burning.—Pease's Improved Machinery and Burning Oil will save fifty per cent., and will not gum. This oil possesses qualities vitally essential for lubricating and burning, and found in no other oil. It is offered to the public upon the most reliable, thorough, and practical test. Our most skillful engineers and machinists pronounce it superior and cheaper than any other, and the only oil that is in all cases reliable and will not gum. The Scientific American, after several tests, pronounced it "superior to any other they have ever used for machinery." For sale only by the inventor and manufacturer, F. S. PEASE, 61 Main st., Buffalo, N. Y. N. B.—Reliable orders filled for any part of the United States and Europe. 33 1*

NORCROSS ROTARY PLANING MACHINE.—The Supreme Court of the U. S., at the Term of 1853 and 1854, having decided that the patent granted to Nicholas G. Norcross, of date Feb. 12, 1850, for a Rotary Planing Machine for Planing Boards and Planks is not an infringement of the Woodworth Patent. Rights to use the N. G. Norcross's patented machine can be purchased on application to N. G. NORCROSS, Office for sale of rights at 27 State street, Boston, and Lowell, Mass. 45 1*

NEW HAVEN MFG. CO.—Machinists' Tools, Iron Planers, Engine and Hand Lathes, Drills, Bolt Cutters, Gear Cutters, Chucks, &c., on hand and finishing. These Tools are of superior quality, and are for sale low for cash or approved paper. For cuts giving full description and prices, address, "New Haven Manufacturing Co." New Haven, Conn. 19 1*

HARRISON'S 30 INCH GRAIN MILLS.—Latest Patent.—A supply constantly on hand. Price \$200. Address New Haven Manufacturing Co., New Haven, Conn. 31 1*

BOILER INCrustATIONS PREVENTED.—A simple and cheap condenser manufactured by Wm. Burdon, 102 Front st. Brooklyn, will take even particles of lime or salt out of the water, rendering it as pure as Croton, before entering the boiler. Persons in want of such machines will please state what the bore and stroke of the engines are, and what kind of water is to be used. 41 1*