



L. B. M., of Ga.—Your brick shield and wooden curb for sinking in your well, as the digging proceeds, will answer very well...

A. N., of Conn.—If you put less zinc into the muriatic acid, it will not crystallize so readily. All chloride of zinc solutions, if very strong, will deposit the chloride of zinc in crystals.

McA. & Bro., of Phila. We have received the gyroscope. An article on the subject will soon appear.

P. J. H., of Ind.—We advise you to get Campbell Morfit's works on Soap and Candle Making, published by Parry & McMillan, Phila.

C. H. A., of Ohio.—It is very difficult to keep out water from the outside of a cistern by plastering inside, but it is the only course you can adopt.

W. McK., N. Y.—An upright saw would be the best for your purpose, as you would require a 40-inch circular saw to do some of your work.

G. W. A., of Mich.—Fine mastic varnish is used for wall maps. Any pure white resin dissolved in alcohol makes a good varnish for maps, drawings, &c.

M. S. B., of La.—A syphon cannot elevate water from a lower depth than thirty-three feet. You must employ a pump in the mine of 500 feet described by you.

B. & O. of N. Y.—The Woodworth Patent has not been extended. It is a most sad and hopeless case to its advocates.

J. B. of La.—The method of making ink described by you is well-known and used. It was described in our columns some years since.

S. W. Wilson, Vandalia, Mich.—Wishes to procure the best spoke tenoning lathe in use. Will some of our readers please to inform him.

Z. L. of Ind.—In all likelihood, the bore of your barometer-tube is rough, which thus causes the mercury to adhere to its sides, and prevents its rising and falling by an increase of friction.

W. S. H. of Ohio.—The philosophy of separating butter from milk, by churning, hitherto entertained by chemists is, that agitation changes the arrangement or order of the particles of the milk, and the constituents separate from one another.

A. P. M. of N. Y.—There is no work on telegraphing, which contains the precise information required by you.

J. P. K., of Ala.—Timber walls made double and packed with straw, make a good ice-house. You may use stone, brick or wood for the wall, taking care to have the walls double, with a good non-conductor between them—such as sawdust, fine charcoal, or straw.

G. W. McC. of Ill.—Yours will meet with attention in due season.

J. R. of Miss.—There is no recent work published on clock and watch making. Reed's work is the only one we are acquainted with, which is considered reliable.

R. K. T. of N. J.—We do not understand your problem as you have stated it. You should describe your method of dividing the circle.

Money received at the Scientific American Office, on account of Patent Office business for two weeks ending Saturday, Sept. 6, 1856:—

- T. W. B., of N. Y., \$30; J. H. F., of Vt., \$27; T. S. B., of Iowa, \$22; D. H., of Pa., \$25; H. C., of Pa., \$30; D. W. G., of N. Y., \$50; T. D., of Va., \$30; S. Y., of N. Y., \$25; N. C. A., of Conn., \$30; J. F. S., of N. Y., \$25; S. M. Co., of Mass., \$250; L. R., of Mass., \$25; J. R., of Pa., \$25; E. A. & C. K., of Vt., \$55; J. P., of Pa., \$30; S. & S., of N. J., \$30; J. L. M., of Pa., \$30; B. G. A., of O., \$30; J. P., of N. Y., \$25; L. A. O., of Pa., \$25; B. G. N., of Wis., \$25; B. & T., of Ga., \$25; H. C., of Mass., \$27; T. F. St. J., of N. Y., \$10; C. H. H., of N. H., \$30; R. P. B., of O., \$30; S. L., of N. Y., \$27; J. P., of Conn., \$20; G. & B., of Ill., \$17; J. S., of Vt., \$30; T. J. T., of N. Y., \$55; C. M., of N. Y., \$15; T. L., of Cal., \$30; C. W. G., of Conn., \$30; D. C., Jr., of Ala., \$30; J. C. G., of O., \$55; G. H. T., of Mass., \$40; J. H. H., of N. Y., \$30; J. M. R., of N. J., \$75; J. R. G., of O., \$40; W. N. M., of R. I., \$25; D. M. & Co., of Pa., \$25; A. M. J., of Va., \$25; W. H., of Wis., \$30; C. S., of Ky., \$30; A. O., of N. Y., \$25; J. H., of N. Y., \$30; M. & C. P., of Md., \$30; S. M. & Co., of O., \$55; W. T., of O., \$55; D. & S., of La., \$30; C. F. S., of Mass., \$12; J. B., of Ill., \$25; S. Z. X., of Tex., \$25; H. & B., of N. Y., \$141; J. C., of Mo., \$30; G. D., of N. Y., \$27; G. H. S., of Mass., \$30; J. B., of Mich., \$30; S. S., of Ind., \$20; A. W. & Son, of N. Y., \$30; A. McL. & Co., of N. Y., \$30; M. & F., of L. I., \$55; T. P., of France, \$315; E. P. & J. A. C., of N. Y., \$30; J. P., of Pa., \$25; L. W. R., of Mass., \$27.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during two weeks ending Saturday, Sept. 6th:—

- T. S. B., of Iowa, J. H. F., of Vt.; D. G., of Ill.; J. A. H., of Ind.; S. Y., of N. Y.; D. H., of Pa.; L. A. O., of Pa.; R. P. B., of O.; B. & T., of Ga.; J. O., of N. Y.; L. R., of Mass.; N. & B., of N. Y.; J. R., of Pa.; J. F. S., of N. Y.; J. G. M., of London, 3 cases; B. G. N., of Wis.; J. P., of N. Y.; E. A. D., of Ind.; D. W. G., of N. Y.; D. C., Jr., of La.; G. & B., of Ill.; S. L., of L. I.; H. C., of Mass.; A. O., of N. Y.; D. M. & Co., of Pa.; A. M. J., of Va.; J. M. R., of N. J., 3 cases; T. V., of Cal.; W. N. M., of R. I.; C. T. S., of Mass; T. F. DeF., of Conn.; G. D., of N. Y.; T. B., of N. Y.; E. A. & C. K., of Vt.; W. B. B., of Conn.; J. B., of Mich.; S. Z. H., of Tex.; T. P., of France.

Important Items. Models—Inventors, in constructing their models, should bear in mind that they must not exceed a foot in measure in either direction. They will also remember that the law requires that all models shall be neatly and substantially made of durable material.

PATENT LAWS AND GUIDE TO INVENTORS.—This pamphlet contains not only the laws but all information touching the rules and regulations of the Patent Office. Price 12-2 cents per copy. A Circular, giving instructions to inventors in regard to the size and proper construction of their models with other useful information to an applicant for a patent, is furnished gratis at this office upon application by mail.

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.

FOREIGN SUBSCRIBERS.—Our Canada and Nova Scotia patrons are solicited to compete with our citizens for the valuable prizes offered on the next volume. [It is important that all who reside out of the States should remember to send 25 cents additional to the published rates for each yearly subscriber—that amount we are obliged to pre-pay on postage.]

Terms of Advertising. Twenty-five cents a line each insertion. We respectfully request that our patrons will make their advertisements as short as possible. Engravings cannot be admitted into the advertising columns.

All advertisements must be paid for before inserting.

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.

An able corps of Engineers, Draftsmen, Draughtsmen, and Specification writers are in constant employment, which renders us able to prepare applications of the shortest notice, while the experience of a long practice, and facilities which few others possess, we are able to give the most correct counsels to inventors in regard to the patentability of inventions placed before us for examination.

Private consultations respecting the patentability of inventions, and giving an opinion as to patentability, without charge, 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. A rough sketch and description of the improvement should be first forwarded, which we will examine and give an opinion as to patentability, without charge.

Models 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 not 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.

MUNN & CO. American and Foreign Patent Attorneys, Principal Office 128 Fulton street, New York.

NEW ROPE MACHINE.—Patented July 15th, 1856, far excelling all others heretofore known, it is on a new but now well tested principle, that combines simplicity with utility, beauty of workmanship, and great speed, with small requirement of power, in the manufacture of cordage. The proprietor is desirous of a purchaser of the right for one or more States, or a person to dispose of them who would advance from \$1000 to \$3000 or the right. For certificates and a knowledge of where it may be seen in operation, inquire of Messrs. TOUSLEY & REED, Engine Manufacturers, 95 Maidenlane, N. Y. 1

BLOWING MACHINERY FOR SALE.—A pair of double acting Blowing Cylinders, 42x30 inches, in perfect order. Also a horizontal Steam Engine, 16x36 inches, at the Atlas Foundry, foot of Wayne street, Jersey City. 1 2\*

AGENTS WANTED.—WESTCOTT, COGSWELL & CO., manufacturers of Westcott's Railway Door Springs, are now prepared to offer the most perfect article yet invented. Agents wanted in every county of un-sold territory in the United States and Canada. For agencies or rights, address E. H. BABCOCK, General Agent, No. 3 Cortland st., N. Y. 12\*

FOR SALE ON LIBERAL TERMS.—Rights for the whole U. S., in DENISON'S CARPET PATENT, Patented last month. The American Mechanic, containing a description of this long-sought substitute for carpet tacks, will be sent to the applicant, by mail, on receipt of one postage stamp. Address, A. K. AMSDEN, Patent Broker, Rochester, N. Y. 1\*

IRON PLANING MACHINE, made by Neapsmith, Manchester, England, will be sold very cheap. It will plane 7 ft. 8 in. long, 3 ft. 3 in. wide, 3 ft. 4 in. high, and has offset piece to plane 5 ft. wide. Price, \$350. R. HOE & CO., Nos. 29 and 31 Gold street. 1\*

FOR SALE.—TO COACH LACE WEAVERS AND TWISTERS.—A large Coach Lace Loom, made in London, with Shuttlers, Tredbles and Tackle all complete, one large Twisting Wheel, 12 hooks, with gimps heads, all complete. Also, a quantity of Fringe Looms, suitable for a large factory, to be seen at 115 South Sixth street, Wilkesburgh. P. BRAMOLISTE. 1\*

DR. SMITH'S CRYSTAL GALVANIC BATTERY.—This Battery never requires cleaning, runs 60 hours without stopping—then, at an expense of one cent one minute, runs fifty hours longer, and so on continually. Price, in conjunction with my Magnetic Machine, \$12. Those who have the blue vitriol battery can have it replaced with the Crystal Battery for \$3. SAMUEL B. SMITH, Electro-Magnetist, No. 77 Canal-st., N. Y. 1\*

DR. SMITH'S ELECTRO-CHEMICAL BATH.—For the extrication of mercury and other deleterious minerals from the body, now runs on the same principle. Price \$65, with full instructions. SAMUEL B. SMITH, Electro-Magnetist, 77 Canal street, New-York. 1\*

I AM an ingenious inventor and a practical machinist, poor but honest, and if any one will suggest to me a machine for invention, I will invent it for one-half the interest; I will give satisfactory references before I commence. EDWARD M. CAMPBELL, Boston, Mass 1\*

N. W. ROBINSON'S PATENT HEAD TURNING AND PLANING MACHINE, for Heads of all kinds and descriptions; it will make from 200 to 350 heads per hour, of the most perfect description. There will be one on exhibition at the Crystal Palace, N. Y., at the Fair of the American Institute, in October, where those wishing for Machines or State rights can see it in operation and judge of its merits for themselves. All communications in relation to machines and rights should be addressed to ROBINSON, SCRIBNER & CO., Keeseville, Essex Co., N. Y. 1 4\*

A CARD.—I will apply my Rotary Pendulum Governor to any good Engine driving a Cotton factory, and having sufficient power, and engage to regulate it so as not to require a change of count in timing strokes, and if another cotton factory can be found to equal it, I will forfeit into the person having it so applied, JOHN TREMPER, No. 1 South Sixth street, Philadelphia. 1\*

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 fact. It is true that the verdict was in favor of the defendant, but not upon the ground stated in the Elmira Advertiser, which, who the American Institute, in October, where those wishing for Machines or State rights can see it in operation and judge of its merits for themselves. All communications in relation to machines and rights should be addressed to ROBINSON, SCRIBNER & CO., Keeseville, Essex Co., N. Y. 1 4\*

A NEW AND SCIENTIFIC INVENTION.—Dr. Cheever's Galvano-Electric Regenerator. Patent issued Jan. 15th, 1856. A circular relating to the use of the instrument, embracing a general treatise of atony of the spermatic organs, the result of which tends to softening the medullary substance of which the brain is composed may be had gratis, and will be sent to any address by mail by their indicating a desire to receive it. All letters should be directed to DR. J. CHEEVER, No. 1 Tremont Temple, Boston. 51 4\*

ALEXANDER'S COMPOUND Parallel Sawing Machine, for making lath from the slab or board of cutting, ripping, and sawing mill, all kinds of wood in a cheap, simple, compact and durable form. Illustrated, No. 50, Scientific American. Sash factories, cabinet shops, carpenter shops, etc., should have these machines. Price \$60. Country and State rights for sale. Address THOS. J. ALEXANDER, Westerville, Franklin Co., Ohio. 50 5\*

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. The Steam Packing is made in every variety, and warranted to stand 300 degs. of heat. The hose never needs oiling, and is warranted to stand any required pressure; together with all varieties of rubber adapted to mechanical purposes. Directions, prices, &c., can be obtained by mail or otherwise, at our warehouse, New York Belting and Packing Co., JOHN H. CHEEVER, Treasurer, No. 6 Dey street, N. Y. 48 10\*

NO. 1.—\$800,000 VALUABLE TO EVERYBODY.—A few weeks ago CHARLES BRADFIELD, of Philadelphia, opened a new Agricultural Implement Store at Fifth and Chestnut streets. One spacious room he appropriated entirely to new inventions. See below. 51 2\*

NO. 2.—INVENTORS, PATENTEES, &c., were all cordially invited to place their models here, free of charge, and the Philadelphia papers say there is already six to eight hundred thousand dollars worth of patents in this room, and visitors from all parts of the world visit there to see them. 51 4\*

1000 YOUNG MEN for big wages. Honest, steady, and sure. Send stamp to Box 533, Detroit, Mich. 51 3\*

POLYTECHNIC COLLEGE of the State of Pennsylvania, West Penn Square, Philadelphia.—Organized on the plan of the Industrial Colleges of Continental Europe, and the only College in the Union in which gentlemen graduate in the industrial professions. Fourth year, commencing Monday, Sept. 15th, 1856.—Faculty: Mathematics and Engineering, Prof. S. H. Peabody; General and Applied Chemistry, Prof. A. L. Kennedy; Mechanics and Machinery, Prof. H. H. Bourchier; Geology, Mineralogy, and Mining, Prof. A. W. King; Architectural and Topographical Drawing, Prof. J. Kennedy; Modern Languages, Prof. B. Steinhilber and V. De Amarelli. For catalogues and further information apply to A. L. KENNEDY, 51 2\* Pres. of the Faculty.

1000 YOUNG MEN can make 500 per cent. or over at home or abroad. But small means required. Business neat, easy, neat, respectable. For full particulars address (enclosing a stamp) WILLIAM HART, Mayville, Dodge Co., Wis. 51 3\*

R. B. FITTS & CO., Commission Agents for Foreign Patent Rights, Office, No. 23 Congress st., Boston, Mass. 51 4\*

SWISS DRAWING INSTRUMENTS.—A full stock of these celebrated instruments always on hand. Catalogues gratis. AMSLER & WIRZ, 51 4\* 211 Chestnut st., Philadelphia.

GREAT WESTERN MACHINERY AND PATENT AGENCY.—E. E. ELLSWORTH having disposed of his interest in the firm, the business heretofore conducted under the firm and style of DAVID RICHARDS & CO. We are prepared to sell all kinds of valuable improvements and machinery throughout the United States. For further information address DAVID RICHARD & CO., No. 64 Randolph st., Chicago, Ill. 51 6\*

ENGINEERING.—The undersigned is prepared to furnish specifications, estimates, plans in general of detail of steamships, steamboats, propellers, high and low pressure engines, boilers and machinery of every description. Broker in steam vessels, machinery, boilers, &c. General Agent for Ashcroft's Steam and Vacuum Gauges, Allen & Noyes' Metallic Self-acting Conical Packing, Baber's Water Gauge, Sewell's Salmometers, Dudgeon's Hydraulic Lifting Press, Roebling'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 eowtf

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 eow

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 at rights for most of the States and Territories, for sale by S. C. HILLS, 12 Platt st., N. Y. 1 2-ow\*

PORTABLE STEAM ENGINES.—S. C. HILLS No. 12 Platt st., N. Y., offers for sale these Engines, with Boilers, Pumps, Heaters, etc., all complete, and very compact, from 2 to 10 horse power, suitable for printers, carpenters, farmers, planters, &c. A 2-1/2 horse can be seen in store, it occupies a space 5 by 3 feet, weighs 500 lbs., price \$240; other sizes in proportion. 1 e5w

THE NINTH ANNUAL EXHIBITION OF THE Maryland Institute for the Promotion of the Mechanic Arts will be opened at the Institute's spacious hall, Baltimore, on Wednesday, Oct. 1st, and continue to Oct. 29th, 1856. Goods for exhibition and competition will be received at the Institute only, except such as the 26th, after which (for exhibition only) except such as the Committee shall be satisfied were dispatched in time to have reached the Hall by that day, but failed to do so from unavoidable detention. The co-operation of the manufacturers, mechanics, artists, and the community generally is respectfully solicited. Circulars embodying the regulations and blank applications for space, with all other information, will be promptly furnished by application to John S. Selby, Actuary of the Institute. JOSUUA VANSANT, Chairman of the Exhibition Committee. 51 4

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. The impossibility of grinding a saw without leaving it uneven in thickness has always been acknowledged by practical saw makers. This causes the saw to expand as soon as it becomes slightly heated in working. When this takes place the saw loses its stiffness, and will not cut in a direct line. We will warrant our saws to be free from these defects; they are made perfectly even in thickness, or gradually increase in thickness from the edge to the center, as may be desired. As there are no thick or thin places, the friction on the surface of the saw is uniform, consequently it will remain stiff and true, and will require less set and less power. Will saw smooth, save lumber, and will not be liable to become untrue. This is the oldest establishment now in existence for the manufacture of circular saws in the United States, having been established in the year 1830. Orders received at our Warehouse, No. 4 Congress st., Boston. 44 13\* WELCH & GRIFPITHS.

KNITTING MACHINES.—Circular and straight knitting machines of all sizes and gauges on hand and made to order. WALTER AIKEN, Franklin, N.H. 46 13\*

PAGE'S PATENT PERPETUAL LIME BURNING will burn 100 barrels of lime with three cords 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. C. D. PAGE, Rochester, N. Y. 45 2\*

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; crush more quartz and do better than any machine now in use, and cost much less. WM BURDON, 102 Front st., Brooklyn. 41 1\*

VAL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, Roadsters, Horsepowers, Smit Machines, Saw and Grist Mill Irons and Gearing, Saw Gummers, Hatchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch. LOGAN & LUDGERWOOD, 12 1y\* 2 Gold st., N. Y.

WILMER & CO., Electrotypers, and Manufacturers of Electrotype Materials, 125 Fulton st., N. Y. Moulding Presses, Cases, Backing Pans, Shaving Machines, Metal Kettles, Planes, Blocks, Building Levels, etc., on hand, or furnished at short notice, and at moderate charges. Adams' Improved batteries and black-lead machines also for sale. 23 1\*

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

CIRCULAR SAW MILLS.—The subscriber has on hand, and is constantly manufacturing those celebrated mills, with saws from 30 to 50 inches diameter, adapted to manufacture of most kinds of lumber, and warranted to give satisfaction. For prices, &c., address W. HERICK, Northampton, Mass. 49 8\*

BARREL MACHINERY.—CROZIER'S PATENT Barrel Makers are unrivaled 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. 41 1\*

FOR SALE.—One second-hand 7 ft. power Planing Machine, made by the New Haven Manufacturing Co. Cost \$900, will be sold for \$300 cash. Has been used only about four months. Also an upright drill by the same makers. Cost \$90, will be sold for \$40 cash. Address GEORGE S. LINCOLN & CO., Hartford, Conn. 47 1\*

BOILER FIRES.—All sizes and all length promptly furnished by JAMES O. MORSE & CO., No. 79 John st., N. Y. 51 3mos

WROUGHT-IRON PIPE.—Plain, also galvanized inside and outside, sold at wholesale by JAMES O. MORSE & CO., No. 79 John st., N. Y. 51 3mos

FORBES & BOND, Artists, 80 Nassau st., N.Y. Mechanical and general Draughtsmen on wood, stone, &c. 1 11\*

OIL! OIL!—For railroads, steamers, and for machinery and burning.—Jesse's Improved Machinery and Furnishing Oil will save fifty per cent., and will not gum. This oil possesses qualities vital 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 all other they have ever tested for lubricating." For sale only by the inventor and manufacturer. P. S. PEASE, 61 Main st., Buffalo, N. Y. N. B.—Reliable orders filled for any part of the United States and Europe. 1 11\*

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' patented machine can be purchased on application to N. G. NORCROSS, Office for sale of rights at 27 State street, Boston, and Lowell, Mass. 1 11\*

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 circulating full description and prices, address, "New Haven Manufacturing Co., New Haven, Conn. 35 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 INCORUSTATIONS PREVENTED.—A simple and cheap condenser manufactured by Wm. Burdon, 102 Front st., Brooklyn, will take every particle 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\*