

TO CORRESPONDENTS.

A. B., of Mo.—It would not be possible to take up the dirt in our streets by machinery, unless the brush operated in a direction contrary to the motion of the wheels of the dirt-receiver.

C. R. M. W. of New York.—We will give attention to well written communications on the subject mentioned in your letter.

H. T. C. of —.—We have never seen or heard of a map or globe made in the manner you propose. The idea appears to be a good one, and we should think a patent might be obtained for it. We hope you will send us as many new subscribers as you can on the new volume.

H. S. of Ohio.—Clay has been recommended for mixing with water to extinguish the flames, and it is a better substance than any you have mentioned. It would be very difficult to carry out such a feature in extinguishing fires, as the engines would be liable to have their valve ports clogged.

T. S. of Ohio.—The only safe way to remove the sulphur smell from new blankets, is to expose them to a current of warm, dry air.

H. W. G. of Min.—The covering of telegraph wires with gutta percha is not new. Many of the wires have been so covered.

J. C. R. of Mich.—We do not know where you can find the work to which you allude, on "Western Antiquities."

G. . . of Iowa.—We are informed that Richards, Ellsworth & Co., of Chicago, Ill., can furnish you a machine for drawing fret lead.

G. T. of Iowa.—John Thompson, of Pittsburg, Pa. has a vise which will draw three sizes of fret lead.

W. H. B., of Pa.—We do not know of any work that treats especially upon the subject of water pressure engines; neither are we aware of any such engines being in operation in this country.

C. & A. of N. J.—We do not remember the name of our Georgia correspondent.

H. R. B. of —.—We cannot ascertain from the Patent Office whether your caveat is on file or not; the case not having passed through our hands we could not be recognized by the Office as the proper parties to ask for such information. The Commissioner will inform you; write to him.

Franklin Cross, Manningham, Ala., wishes to procure a mill for hulling rice.

J. B. of N. J.—The combination of the steam engines with the Jonval wheel shown in your sketch, could not be patented because of its want of usefulness; it would be a complex and expensive combination to supersede simple hand gearing.

W. P. of N. Y.—We have mailed your letter to Mr. Mosheimer. You will please to adopt, in future the usual channel of communication and not send your letters to us for mailing.

W. H. of Phila.—Your case has not been formally acted upon yet, but we are informed that a patent will issue.

C. O. L. of S. C.—The patent must necessarily be sent to you from the Patent Office, if issued, unless you order the Commissioner to address it to us. Our request in that respect would be disregarded. You had better let the patent go to you, and then you can re-mail it to our office for engravings, which will be just as well, and save you the trouble of writing to the Office.

C. C. L. of Mass.—The articles to which you refer can be found no where except in back volumes of the Sci. Am. They were never collected and published in book form.

N. C. S. of Ct.—We have written to the Department concerning your lost patent. As soon as a reply is received we will write you.

L. D. W. of Conn.—The most economical method for you to pursue is to maintain the steam of your boiler at 30 lbs., so as to have it ready to start in the morning. Don't let down the pressure at all, if you find it as safe to keep it up.

J. S., of Mass.—Your plan for increasing intensity of artificial light by placing a hollow double globe over and around the flame, is not new—engravers and jewelers often use a globe filled with water, for the purpose of condensing the rays of light in substantially the same manner as you propose.

M. B. S., of Hale's Eddy—Your plan for an hydraulic engine is very old.

W. M., of N. J.—You must use more lime as a flux in smelting your iron, in order to remove the sulphur.

A. McK., of Tenn.—The nature of cotton is very different from that of silk, and the same substances will not color both alike. You cannot color cotton with sulphate of indigo, but you can silk. If you neutralize the acid in the sulphate of indigo with chalk, it will color cotton; but then it will be but a fugitive blue. Our Southern States should attempt to revive the cultivation of the best qualities of indigo, as East India indigo is now very scarce and dear.

T. M. C., of Me.—The model and letters patent of the saw mill stirrup have come to hand, with your letter of the 23d, covering \$12. The engraving will appear in about two weeks.

A. D. T., of Pa.—Six pounds of tallow, and one of good sperm oil, to which are added half a pound of black lead, make as good grease for the axles of wagons and carriages, as can be found any where. Another kind, made of five pounds of tallow and five of oil, to which half a pound of india rubber dissolved in turpentine is added, is also a good lubricator for the same purpose.

T. R. of New York.—We would like to see an apparatus constructed showing the exact motions of the earth and moon. The theory of the moon having no axial rotation is undoubtedly the most simple. There is something suspicious in the twenty-eight day axial rotation theory, because it must be positively exact. It is also not in harmony with the system of Laplace. We have received quite a number of letters on the subject, but none of them are sufficiently clear.

C. & P. of Ohio.—If you take the fall of water in feet of your spring and the quantity discharged per minute, and multiply them together, then divide by the height in feet, to which you wish the water raised, you will obtain the quantity the ram will raise in one minute. Deduct a least twenty-five per cent. for friction.

L. L. of Montreal.—Myndert Vanschaick is President of the Croton Water Board, this city. A. W. Craven, is Chief Engineer. Direct to them by name and office and your letter will reach them.

C. K. of N. Y.—Your samples of straw paper have reached us; they are very good indeed.

W. C. McP., of Mass.—A very clear varnish for drawings is made of Canadian balsam dissolved in turpentine. All turpentine varnishes however, are liable to have a sticky feel. Alcohol varnishes dry most rapidly.

R. H. J. of N. J.—If you boil hickory wood in a very strong decoction of logwood for about an hour; then, in a weak liquor of the sulphate of iron for fifteen minutes, you will color it a deep black. You must place the wood in the logwood with its butt end downward, and by a weight or other device hold it in a perpendicular position during the time it is being boiled. Almost every kind of wood can be colored black in this manner.

Money received at the SCIENTIFIC AMERICAN Office on account of Patent Office business for the week ending Saturday, June 23, 1856—

G. W. G. of L. I., \$30; J. C. T. of Ill., \$25; J. R. of Pa., \$50; W. L. H. of Pa., \$60; T. R. B. of N. Y., \$55; W. M. F. of O., \$30; W. & W. B. T. of Mass., \$30; A. R. of N. Y., \$55; A. C. of N. Y., \$39; J. M. of N. J., \$25; W. & E. of Del., \$25; R. & N. of Va., \$25; G. P. of La., \$30; J. C. of Conn., \$15; G. H. G. Sen. of Miss., \$30; H. L. & Co. of Pa., \$10; E. S. of Conn., \$100; W. H. McN. of L. I., \$30; J. R. A. of N. Y., \$30; J. G. H. of N. J., \$25; J. N. R. of N. Y., \$55; T. J. C. of N. Y., \$100; J. L. of Conn., \$40; J. B. L. of S. C., \$50; P. & W. of Ill., \$25; L. A. D. of O., \$25; C. S. P. of —, \$55; R. & G. of Me., \$25; G. & G. of L. I., \$15; N. S. of N. Y., \$30; W. P. M. of Wis., \$30; J. & R. S. of N. Y., \$15; J. P. J. & Co. of Mass., \$400; C. H. of Ill., \$12; J. L. of Ill., \$30; F. O. M. of O., \$30; M. E. of Mich., \$30; S. B. T. of Ct., \$30; E. G. of Germany, \$50; T. & A. P. of L. I., \$50; B. & D. of Mich., \$25; J. R. of N. Y., \$25; T. T. P. of Wis., \$110; A. M. G. of N. Y., \$55; G. L. of N. Y., \$30.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 23—

A. B. of Mass.; J. R. of Pa. (2 cases); G. P. of La.; W. D. Jr., of Pa.; R. & N. of Va.; J. C. of Ct.; J. M. of N. J.; W. & E. of Del.; P. & W. of Ill.; L. A. D. of O.; R. & G. of Me.; J. H. of Ind.; C. H. of Ill.; H. M. of C. W.; E. & A. S. of N. Y.; S. R. H. of N. Y.; T. & A. P. of L. I.; B. & D. of Mich.; J. R. of N. Y.; A. D. of France; C. B. A. C. of France; T. G. of France; A. M. G. of N. Y.; G. L. of N. Y.; T. T. P. of Wis. (2 cases.)

Important Items.

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. Such numbers as we have to furnish, are gratuitously supplied to such subscribers as failed to receive them; and we would take occasion to state, that any person failing to receive their paper regularly, will confer a favor by notifying us of the fact. Missing numbers should be ordered early, to insure their receipt, as an entire edition is often exhausted within ten days after the date of publication.

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.

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 moneys 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.

Literary Notices.

THE MICROSCOPE AND ITS REVELATIONS.—It affords us much pleasure to see the great work of Dr. Carpenter, F. R. S., re-published by Blanchard & Lea, of Phila., edited by Dr. Smith of Pennsylvania College. It is the most complete work in the English language, on the subject. Some idea of its completeness may be obtained, by stating that it is a large volume of 713 pages, illustrated with 424 excellent wood cuts. Its matter is beyond all praise, and we may add criticism. The construction of this wonderful instrument, and the principles upon which it is based, are fully described and illustrated. The best methods of using the microscope are fully described. Its revelations of minute organisms, hid from the natural eye, are beautifully illustrated. The appendix describes and illustrates its uses in surgery and its application in the diagnosis of disease, and is a most valuable chapter for the physician and student. In short it is a work which we regard as one of the most valuable ever issued from the American press.

THE LIFE OF ROBERT FULTON.—Messrs. C. G. Henderson & Co., of Philadelphia, announce that they shall issue, July 4th, the Life of this eminent inventor. It will contain twenty-five colored engravings executed in the best manner, representing his numerous inventions in ocean navigation, etc., taken from his original drawings. It will contain all the prominent features in Fulton's life, and also his correspondence with European and American savants upon scientific subjects. The author of this novel work is J. Franklin Reigart, Esq., of Lancaster, Pa., an earnest and indefatigable friend to all the industrial interests of our country. We feel quite confident that this work will command attention. We certainly hope it will.

NEW YORK DIRECTORY FOR 1856.—We are indebted to the publisher, Mr. John F. Trow, for a copy of the New York City Directory for the present year. Compiler, H. Wilson. The work is a fine style of typographical perfection and of business enterprise. It contains about 1200 large pages and almost 150,000 names. All of these names were collected by means of agents sent specially over the city. The work of canvassing for the names commenced on the 2d day of May, and the book was delivered to the public on the 16th of June, or in 38 working days. If this is not rapidly then we do not know what is. In its production there were 20 proof readers, 5 steam printing presses running day and night, and 200 binders. It will thus be seen, "as the editor truly remarks," that the getting up of a Directory is a work of no ordinary labor. Published at 379 Broadway. Price \$2.50.

Terms of Advertising.

Table with 2 columns: Number of lines, Price per line. 4 lines, for each insertion, \$1; 8 lines, \$2; 12 lines, \$3; 16 lines, \$4.

Advertisements exceeding 16 lines cannot be admitted neither can engravings be inserted in the advertising columns at any price.

All advertisements must be paid for before inserting.

NORRIS WORKS, Norristown, Pa.—Inglis, 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 INGELIS, RICHARD H. CORSON, JOHN WEST.

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, Examiners, Draughtsmen, and Specification writers are in constant employment, which renders us able to prepare applications on the most scientific, and in every respect 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 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. 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, *in 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 123 Fulton street, New York.

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, Oswego, N. Y.

TO CAR BUILDERS.—For Sale, one new Upright Boring Mill for boring car wheels. Maker's price \$500, will be sold for \$300 cash. Address GEO. S. LINCOLN & CO., Hartford, Ct.

VERGNE'S ELECTRO-CHEMICAL BATHS, attended by Prof. Vergne, the discoverer, and Dr. Chas. Prince, proprietor, 710 Broadway. A positive cure for Rheumatism, Gout, and all diseases arising from the use of mercury or other minerals. Department for Ladies. 1*

NOTICE—DISSOLUTION.—The Partnership heretofore existing between the undersigned, is this day dissolved by mutual consent.

SAMUEL THOMAS, RICHARD H. CORSON, JOHN WEST. Norristown, May 30, 1856.

COPARTNERSHIP.—The undersigned have this day associated themselves together for the transaction of the Foundry and Machine business, under the firm and style of INGELIS, CORSON & WEST, at the Norris Works, NORRISTOWN, PENNSYLVANIA. RICHARD H. CORSON, JOHN WEST. Norristown, May 30, 1856.

GROVER'S PATENT WIRE CUTTERS.—A view of which is given in No. 42, this paper, are for sale wholesale and retail by E. D. & G. Draper, Hopedale, Milford, Mass. We are also sole agents for the sale of Dutcher's Patent Temples, Perry's Patent Parallel Shuttle Motion, Hayden & Wyllys' Patent Drawing Regulators or Eveners, Thompson's Patent Oilers, &c.

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 42 4*

FOR SALE.—A second-hand saw mill engine and saw gearing, including two cylinder boilers 22 in. diam. 24 ft. long, with connection pipes and cocks, fire front, &c. upright cylinder 5 in. bore, 26 in. stroke, with iron gallow frame, steam gate, gauge, &c., two 6 feet balance wheels, eccentric, &c., iron carriage rack and pinions, saw gate, ways, stirrups, &c., all in good order. Price \$400. E. WILBUR, Albion, N. Y. 42 2*

MECHANIC'S TABLES.—A New Book. Containing areas and circumferences of circles, circumferences of angled hoops, when angled outside or inside, cutting of boiler plates, covering of keels, solids, &c., &c. weight of various materials. Miscellaneous notes, &c. By Charles H. Haswell, Civil and Marine Engineer. Author of Haswell's Engineers and Mechanics Pocket Book.—This book will be forwarded by mail free of postage for fifty cents. Apply to CHALES H. HASWELL, No. 6 Bowling Green, New York. 42 3

LAWRENCE SCIENTIFIC SCHOOL.—Harvard University, Cambridge, Mass. The next term will open on Thursday, Aug. 28th. For catalogue containing full particulars address E. W. HORSFORD, Dean of the Faculty. 42 8

\$1,000 A YEAR.—An Agent is wanted in every town in the Union to manufacture an article of daily consumption, can be manufactured at the Agent's dwelling, secured by copyright; sale as permanent as flour. Full particulars sent on receipt of 3 cents. Address J. T. HORNE & CO., Box 4561, New York. 42 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 tf

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 tf

1,000 YOUNG MEN of small means can make over 100 per cent. at home or abroad. Profits certain—no "chance." Business new, easy, useful, honorable. Apply (inclosing a stamp) to Box No. 233, Detroit, Mich. 1*

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. 27 e3w

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

PATENT IMPROVED GLOBE VALVES that regulate made perfectly tight when new, and easily re-ground without being removed from the pipes; also Gauge Cocks with the same improvement; also plumber's brass work, steam and gas cocks, oil cups, &c. Rights for sale. McNAB, CARR & CO., 133 Mercer-st., New York. 33 6* eow

STEAM ENGINES.—The subscriber is now prepared to furnish steam engines from 1 to 100-horse power on the shortest notice. Having tested his Patent Oscillating Engine, is of opinion that nothing superior is offered in the market. As the peculiarities and advantages of his engines are too lengthy to be enumerated in an advertisement, he most respectfully requests those wishing to purchase or examine to call at Messrs. Darlington & Co's., No. 17 Railroad Buildings, cor. of Franklin and Center sts., where a magnificent specimen of an oscillating engine is in successful operation, or at 22 Liberty-st., where any desired information may be obtained. The right of this patent is also for sale. JUAN PATRICKSON, Patentee, New York City. 42 2*

M. & J. H. BUCK & CO., Lebanon, N. H.—Manufacturers and Dealers in all kinds of wood-working machinery, such as Daniel Gray & Wood's Timber Planing Farrow, improved Cylinder Planer, with tapering matchers, Power and Foot Mortising Horizontal and Vertical Boring, Tenoning, Sash and Cornice moldering and Hub Mortising Machines, Spoke Lathes, Scroll Saws (Wright's patent), also a large double Tenoning Machine, capable of making one or more tenons at the same operation, Circular Mully and Gate Mills, portable Grist Mills, &c. Also Posters' and Buck & Co's. patent Presses for making Posters' Artificial Granite Building Block. 40 4*

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 deg. 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 St., N. Y. 40 4*

GREAT WESTERN MACHINERY AND PATENT AGENCY.—The undersigned have established a house for the sale of machinery and patent rights at No. 64 Randolph St., Chicago, Ill. 33 10* RICHARDS, ELLSWORTH & CO.

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 merits of the present age is accomplished by the Publisher of the New York Sun, in furnishing subscribers clubs of fifty or more with the daily paper by mail for \$2 a year. The Sun commenced in 1833, 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 \$31; 15 copies \$41.25; 20 copies \$50; 25 copies \$59.25; 30 copies \$68. Single copies \$4 a year. Papers to be sent in newspaper 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 7 cents per year, and only \$1.50 to any other part of the United States. Specimen copies sent gratis on application. Terms (always post paid) to be directed to MOSES S. BEACH, Sun Office, New York City. 37 tf

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

VERTICAL STEAM ENGINE and Boiler for Sale at a bargain.—The Engine is nearly new, and well fitted. The cylinder is 9 inches, the fly wheel is a hand wheel 5 feet in diameter, face 14 inches, turned off, weight 1350 lbs. The boiler is 20 feet long, 42 inches in diameter, 1 flue 17 inches, well braced wrought-iron heads; it is very strong, and has been in use about six months; is about 15-horse power. Cost \$1300, will be sold or \$675 cash; delivered on ship board. Apply to MUNN & CO., at this office.

MACHINIST'S TOOLS.—Meriden Machine Co. have on hand at their New York Office, 15 Gold street, a great variety of Machinist's Tools, Hand and Power Punching Presses, Forcing Pumps, Machine Belting, &c., all of the best quality. Factory West Meriden, Conn. 32 13*

FILMER & CO., Electrotypers, and Manufacturers of Electrotypes Materials, 125 Fulton-st., N. Y. Molding Presses, Batteries, Cases, Backings, Shaving Machines, Metal Kettles, Planes, Blocks, Building Irons, etc., etc., on hand, or furnished at short notice, and at moderate charges. Adams' Improved batteries and black-lead machines also for sale. 21tf

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 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 tf

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, 203 Broadway, New York. Office for sale of rights at 205 Broadway, New York Boston, 27 State street, and Lowell, Mass. 19 6m*

GRAIN MILLS—EDWARD HARRISON, of New Haven, Conn., has on hand for sale, and is constantly manufacturing to order, a great variety of his approved Flour and Grain Mills, including Bolting Machinery, Elevators, complete with Mills ready for use. Orders addressed as above to the patentee, who is the exclusive manufacturer, will be supplied with the latest improvements. Cut sent to applications, and all mills warranted to give satisfaction. 21tf

NEW HAVEN MFG. CO.—Machinist's 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 tf

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

BOILER INCrustATIONS 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 tf