

TO CORRESPONDENTS.

C. C., of N. Y.—Smees' work on Electro Metallurgy will give you the information desired. You can find the price at the book stores.

S. C. N., of N. Y.—We regard your proposition in professional as impracticable.

W. C. F., of N. Y.—H. Rutten, Esq., of Coburg, C. W., is the inventor of the best plan of ventilation with which we are acquainted. Correspond with him, both in reference to dwelling and barn. We know of no cheaper motive power to employ for irrigation than the wind-mill. The cost of Artesian wells increases with their depth. Cannot inform you as to the muslin preparation.

J. T., of Ohio—Air expands to double its volume by the application of four hundred and ninety degrees of heat.—Water expands to seventeen hundred times its bulk by the application of twelve hundred and twelve degrees—some say less.

H. J. R., of Pa.—The time cannot be far off when coal or coke will be used on all locomotives.

J. M., of Me.—We do not know where you can get the machine you need. We do not understand your steamer invention.

W. H., of Pa.—Lasts made in sections and spreading in different parts by the turning of screws, are not new. Perhaps your particular combination is new, and if so, patentable. To determine on those points we need a model or sketch.

B. P. B., of Pa.—Your ideas are good, but old. Dividing vessels into compartments, providing inflatable vessels all connected by tubes, and extending the steam pipes to apartments, are plans well known, and on some vessels the steam pipes are in use.

D. P., of N. Y.—Yours has been received.

A. A., of Me.—See the advertisement of S. C. Hills with regard to a small steam engine. We cannot give any more information on the other subjects to which you have alluded.

G. W. S., of N. Y.—If you will inform us what numbers are wanting, we will supply such as we may have of them.

W. H. C., of Ill.—The adaptation of sheet metal riddles for grain separators could not be patented. Coal screens for separating ashes from the coal are usually provided with the same kind of riddle as you describe.

S. C., of Va.—We know of no better way for you to find customers for your railroad sleepers than to advertise them in our columns. They are an article in great demand in many sections of the country.

H. W., of Vt.—A citizen of this country cannot obtain a patent in Canada unless by special act of Parliament, which convenes at Montreal. They have no patent laws in Canada which provides for protection to any but their subjects.

S. C. of Va.—The idea of resting vessels upon capacious air-tight drums, on the periphery of which are the floats for propulsion, is far from being new. A modification from your plan we took patents for in this country and England, for Capt. Tucker, some years ago. The \$30 we have applied towards the fees on your valve motion, which we are now preparing the application for.

L. F. H., of Vt.—You ask if air is necessary to the production of butter. You also state that you are a mechanic, and have reasoned on the subject, although not a farmer. You appear to have reflected correctly. All churns are made to admit air as necessary to form butter in churning but you can churn butter in a bottle, tightly corked.

J. W. R., of N. H.—If you will send us one of your miter boxes, or the Letters Patent, we will inform you by mail what the expense of engravings will be. We cannot give you the information solicited without first knowing the amount of work it would require to prepare them suitable for our use.

F. B. C., of Miss.—The multiplicity of your inventions have no doubt beggared you, and we would advise you to abandon all but the best, and experiment on that until you get it as near perfection as possible, and then apply for a patent. An inventor can no more manage a dozen different inventions well, and do them all justice, than a merchant can carry on a dozen branches of business, under different heads, and neglect none of them. It is folly to get too many irons in the fire in any business. A concentrated mind produces the greatest results in inventing, as in every thing else.

J. R. M., of C. W.—Your water wheel is similar to hundreds in the States. It is a very good one, and you deserve credit for inventing it, you not having been acquainted, as you state, with any but those in Canada.

T. P., of Ky.—Your brick press is a good one, but there is only a small part of it patentable—that relating to the discharge.

H. B., of Ohio.—We thank you for your compliments respecting the minute directions for dyeing, and are glad you have been benefited.

W. McQ., of Pa.—There can be no question about the correctness of your views regarding the electric fluid.

E. H., of Ohio.—The Ericsson is no more a caloric ship, but a steamer. You had confidence in what we said, and you say that the result was never doubted by you. We have been informed that the Ericsson is going to use an outside condenser, which will soon be abandoned also, or we are very much mistaken.

E. B., of Ill.—You will please to bear in mind that American citizens are debarred the privilege of taking patents in Canada. The law excludes all who are not subjects and inventors of the device to be patented.

H. F., Jr., of Pa.—The question you propound has been submitted to us before. We cannot throw any satisfactory light upon the subject. It must rest upon mere conjecture.

R. E., of N. Y.—We think your improvement in railroad switches possesses novelty of a patentable character. It would operate very well, but we doubt whether companies would adopt it. They have always been very shy of switch operated by the weight of the locomotive. Please send us a model if you decide to prosecute a patent.

J. C. H., of Miss.—You could not patent your system of signalling by the use of air tubes in keeping flags flying in advance of each train. This plan is superseded by the use of the telegraph, signalling the arrival of trains at the different stations along the route. \$5 received for subscriptions.

J. B. S., of Ct.—The water wheel of Reuben Rich was patented July 8, 1842. It will expire July 8, 1856.

T. H. C., of Iowa.—Haswell's Mechanics and Engineers Companion is a very useful work on mechanics, published by Harpers & Brothers, this city; price about \$1.25. We thank you for the increase of your subscription list.

J. W. M., of N. H.—Your alleged improvement in devices for unshackling railroad cars, appears to be a good one, and so far as we can judge, it possesses patentable characteristics. You had better send us a model of it, made according to the proportions laid down in the circular which we have mailed to your address.

M. G. C., of Pa.—We replied to your letter of the 9th ult on the 17th ult., by mail, and stated that we did not think your alleged improvement in pipes could be patented. See advertising page for information about stove machines.

H. B. H., of Ohio.—We do not think our designer will be able to make the alterations you suggest for the engraving, without the aid of another model. This will be the surest way.

E. B., of Mass.—Your book holder will not interfere with the book brace. We think they are used for entirely different purposes, although we have not examined the latter.—Had you not better send us a model of your invention.

"Pacific," of N. C.—The reply to which you refer was intended for you. We cannot say more in reference to your process.

H. E. D., of Pa.—You must send us a model of your water wheel for examination before we can give any advice in regard to its novelty. From the description given we do not find anything novel in its construction.

S. O., Conn.—Yours has been received, and will meet with attention.

F. N. B., of Wis.—The great object is to regulate the supply of steam automatically to the marine engine with great rapidity, according to the work it has to do. Your plan has been applied to land stationary engines by the governor.

W. D. M., of N. Y.—The common substance to put on emery cloth is glue. We do not know of a better, at present.

T. W. McK., of Pa.—Your improvement in locomotives for burning coal appears to be good. We hope that no other than coal burning engines will be running in three years from the present date.

C. Ten B., of N. Y.—There are sixty-two and a half pounds in a cubic foot of water. A gallon amounts to ten pounds. How can we tell you the power of your wheel unless you give us the quantity of water and the height of the fall? You must send out the quantity of water yourself.

R. R. McD., of La.—The best proportions you can use for the cement, is six of sand to one of white lead.

Money received on account of Patent Office business for the week ending Saturday, Feb. 10.—

E. A. J., of N. Y., \$30; C. W. F., of Mass., \$65; S. H., of N. Y., \$55; C. C., of Mich., \$25; I. G., of Ct., \$25; N. E. G., of Miss., \$30; J. W. P., of Va., \$32; G. G., of Ct., \$50; D. W., of N. J., \$30; W. & P., of Ct., \$30; J. G., of N. Y., \$30; W. G., of N. J., \$30; M. S., of —, \$8; B. & H., of N. Y., \$25; T. N. L., of Va., \$25; R. & A., of N. Y., \$250; P. M., of Ill., \$30; S. L. M., of N. J., \$30; J. B., of O., \$25; A. J. S., of N. Y., \$30; J. W. D., of N. Y., \$30; S. & C., of N. Y., \$10; J. W. H., of R. I., \$15; W. T. M., of Pa., \$20; S. C., of Va., \$30; G. D., of Ind., \$25; J. R. G., of Pa., \$5; S. M. F., of Pa., \$30; G. & G., of L. I., \$30; H. & A., of N. Y., \$25; L. & S., of O., \$20; E. B. L., of L. I., \$25; J. J., of N. Y., \$35; J. M. B., of N. Y., \$—.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Feb. 10.—

S. H., of N. Y.; T. N. L., of Va.; H. & A., of N. Y.; E. R., of O.; I. G., of Ct.; B. & H., of N. Y.; S. & C., of N. Y.; J. B., of O.; G. D., of Ind.; J. W. H., of R. I.; G. M. Jr., of Ill.; N. L., of Ind.; E. B. L., of L. I.; J. J., of N. J.

Important Items.

MODELS.—We are receiving almost daily, models of inventions which have not the names of their inventors marked upon them. This usually prevents us from taking any notice of them whatever. 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 sometimes prevent the model from being mislaid.

BACK NUMBERS AND VOLUMES.—We have the following numbers and volumes of the SCIENTIFIC AMERICAN, which we can supply at the annexed prices:—Of Volume 5, forty numbers; price in sheets, \$1; bound, \$1.75. Of Volume 6, all; price in sheets, \$2; bound, \$2.75. Of Volume 7, all; price in sheets, \$2; bound, \$2.75. Of Volume 8, none complete, but about 30 numbers in sheets, which will be sold at 50 cents per set. Of Volume 9, complete in sheets, \$2; bound, \$2.75.

WE are able to furnish all the back numbers of the present volume of the SCIENTIFIC AMERICAN, and to new subscribers we shall continue to send the back numbers as long as we have them, so as to render their volumes complete.

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 enclosing \$1 for fees for copying.

RECEIPTS.—When money is paid at the office for subscriptions 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 acknowledgement of the receipt of their funds.

Terms of Advertising.

Table with 3 columns: Lines per insertion, Price per line, Total price. 4 lines for each insertion, \$1.00; 8 lines, 2.00; 12 lines, 3.00; 16 lines, 4.00.

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.

THE NEW BRICK MACHINE.—If driven by a horse the clay is thrown into heaps, and each successive layer saturated; after remaining in soak all night it is shovelled into the machine. They were formerly built two sizes, four and five mold. By a recent improvement the speed of the shaft is increased without changing the gait of the horse, and thus the smaller size can make 1000 bricks per hour, worked by four men and four boys. It is liable to no accident except from stone, which is apt to break a mold. Price \$250. For further particulars in a pamphlet containing full instructions on brick burning, address FRANCIS H. SMITH, Baltimore.

MUSIC.—PRESCOTT & BROTHERS make, at Concord, N. H., after their own patented invention (April 17, 1849), the best Melodeons, Seraphines, and Reed Organs to be found in the country, and at lower prices for the quality. 23 3\*

TENON MACHINES.—To Correspondents and others.—A machine may be seen in operation at and during the present Exhibition of the M. Mech.'s Institute, Washington City. B. R. EAMES, Agent, C. P. S. WARDWELL, Patentee, Lake Village, N. H. 23 3

AGENTS.—Ladies or Gentlemen—Wishing to engage in the sale of an article (patent applied for) which is needed in every family—large profits and no risk would do well to address CUYKENDALL & CO., Rochester, N. Y. 1\*

American and Foreign Patent Agency.

IMPORTANT TO INVENTORS.—MESSRS. MUNN & CO., Publishers and Proprietors of the SCIENTIFIC AMERICAN, continue to prepare specifications and drawings, and attend to procuring patents for new inventions in the United States, Great Britain, France, Belgium, Holland, Austria, Spain, &c., etc. We have constantly employed under our personal supervision a competent board of Scientific Examiners, which enables us to dispatch with great facility a very large amount of business. Inventors are reminded that all matter entrusted to our care are strictly confidential, and hence it is unnecessary for them to incur the expense of attending in person. They should first send us a sketch and description of the invention, and we will carefully examine it, state our opinion, and the expense of making an application, if deemed new and worthy of it. 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 toward making an application.

Having offices located in the chief cities of Europe, our facilities for obtaining Foreign Patents are unequalled. This branch of our business receives the special attention of one of the members of the firm, who is prepared to advise with inventors and manufacturers at all times, relating to Foreign Patents.

It is very important that trustworthy and competent agents should be employed in securing patents, as great care is necessary in the preparation of the papers, as well as integrity in taking proper care of the case until the inventor is duly invested with his legal rights. Parties trusting their business in our hands can rely upon prompt and faithful attention. Most of the patents obtained by Americans in foreign countries are secured through us, while it is well known that the largest proportion of patents applied for in the U. S., go through our agency.

The offices of Messrs. Munn & Co.'s American and Foreign Patent Agency are at 125 Fulton Street, New York; London, No. 52 Essex St.; Paris, No. 29 Boulevard St. Martin; Brussels, No. 8 Rue D'Or.

TECHNICAL DICTIONARY.—In the English, French, and German Languages; by Messrs. Tolhausen and Gardissal, Civil Engineers. Ready (first part). French, English, German, price \$1.31 (second part) English, French, German, price \$1.50. These volumes are designed for the general use of Engineers, Artists, Manufacturers, Foremen, Artisans, in short, of all those who, in some way or other are concerned in Arts and Manufactures. The present work is the key through which the foreign reader may penetrate into a language which he may know but imperfectly; it is the instantaneous translator of the corresponding technical terms of the three great industrial languages. For sale at this office.

LAWRENCE SCIENTIFIC SCHOOL.—Harvard University.—The next Term of this Institution will open on the first day of March, 1855, and continue twenty weeks. Instruction by Recitations, Lectures, and Practical Exercises, according to the nature of the study, will be given in the following departments: Botany, by Prof. Gray; Chemistry, Analytical and Practical, by Prof. Horsford; Comparative Anatomy and Physiology, by Prof. Wyman; Engineering by Prof. Buxis; Mathematics, by Prof. Pierce; Mineralogy, by Prof. Cooke; Physics, by Prof. Lovring; Zoology and Geology by Prof. Agassiz. For further information concerning the School, or the course may be made to Prof. E. N. Horsford, Dean of the faculty. 23 2\*

THE NEW BRICK MACHINE.—Was last season in daily operation at my yard, on Locust Point. If driven by steam, the clay is taken from the bank, passed through a pulverizer, and then thrown into the pit, where it receives the water; thence to the machine which is geared to make 6 1/2 revolutions per minute, turning out five bricks each time, or 1750 brick an hour, including contingencies. Nine men and five boys, all common laborers, take the clay from the pit and place the bricks on the floor. If there be no stone the pulverizer is not required; the clay is then thrown into the pit, mixed with water, and after remaining all night is ready for use. Machine \$400; Pulverizer \$75, with right to work it. FRANCIS H. SMITH, Baltimore, Md.

PARTNER WANTED.—Active or silent, with about \$15,000 capital, in a well established foundry business. The firm has been doing a business of over \$50,000 for the last year with about \$8,000 profits and wishes to enlarge the same. To a silent partner ample security will be given, and 15 per cent. on the above capital guaranteed. Address R. E. SCHROEDER, box 753, Rochester, N. Y.

NEW HAVEN MANUFACTURING COMPANY.—Machinists' Tools. 65 Iron planers of all sizes; 350 Engine and Hand Lathes, all sizes; 50 Upright and Horizontal Drills; 25 Bolt Cutters; 10 Gear Cutters; all kinds and sizes of Chucks, Slide Rests, Hand Drills, &c. These tools are of superior quality, and as they are made by the quantity can be sold at very low prices. For cuts giving full description and prices, address New Haven Manufacturing Co., New Haven, Conn. 21 1\*

TWO MILLERS.—BOOTH'S PATENT GRAIN SEPARATOR.—Manufactured at Cuyahoga Falls, Ohio, warranted to be the best thing of the kind ever used for milling purposes with horizontal and perpendicular blast, also improved shaking riddle of perforated copper, giving a smooth surface, cleans from 10 to 500 bushels per hour of wheat, corn and buckwheat. Sections where garlic, oats, smut balls, etc., are troublesome, it is indispensable to the manufacture of good flour. A more particular account will be given by addressing the manufacturer at Cuyahoga Falls, Ohio. J. L. BOOTH. 21 5\*

IMPORTANT IMPROVEMENT.—In Rotary Planing, Tonguing, and Grooving Machines. Patented November 21st, 1854. These machines have been thoroughly tested, and their superiority over all others is beyond the question. They are very simple, and very better and faster than any others now in use, never tearing or throwing out loose knots. Applications for rights and machines, or for further particulars can be made to the patentee, JAMES A. WOODBURY, Winchester, Mass., Jan. 5, 1855. 18 4eow\*

OIL! OIL! OIL!—For railroads, steamers, and for machinery and burning oil. This 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. 19 eowt\*

JOHN STOKELL, Jr.—No. 26 Platt St., New York, manufacturer of Regulators for railroad companies, watchmakers, and others; clocks for churches and public buildings of any kind. Models of machines and light machinery in general. 21 6eow\*

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 vessels, machinery, boilers, &c. General Agent for Ashcroft's Steam and Vacuum Gauges, Allen & Noyes' Metallic Self-adjusting Conical Packing, Faber's Water Gauge, Sewell's Salingometer, Dudgeon's Hydraulic Lifting Press, Roebuck's Patent Wire Rope for hoisting and steering purposes, etc. CHARLES W. COPELAND, 14 12eow Consulting Engineer, 64 Broadway

MACHINERY.—S. C. HILLS, No. 12 Platt St., N. Y., dealer in Steam Engines, Boilers, Planers, Lathes, Chucks, Drills, Pumps; Mortising, Tenoning, and Sash Pulleys; Hand Lathes, Engine Lathes for turning Punches, Presses, and Shear; Cob and Corn Mills; Harrison's Grist Mills; Johnson's Shingle Mills; Belting, Oil, &c. 7 e3w

ENGRAVERS AND CALICO PRINTERS.

The subscriber would like to sell State, county, or individual rights for his patent self-acting punching apparatus for shading small pattern and plain figured. It can be attached to any old screw machine for a trifling expense, and is warranted to give satisfaction or no pay. Reference, Messrs. Abbot & Saunders, Crofton Print-works, Warrick, R. I.; James Arthurson, foreman engraver, Baxendale's patent eccentric doctor motion also for sale. For further particulars address JAMES BAXENDALE, care B. Dean & Son, Providence, R. I. P. S. Wanted, an old second-hand screw engraving machine. 22 2\*

PORTABLE STEAM SAW MILL ENGINES.—Silver Medals awarded by the Franklin Institute and Pennsylvania State Agricultural Society in 1851, 1853, and 1854. These engines are now at work driving portable up and down, and circular saw mills, also mills where the water power has failed. Circulars will be sent by addressing the inventor, A. L. ARCHAMBAULT, 14th and Hamilton Sts., Philadelphia, Pa. N. B. Portable engines always on hand. 22 4\*

ELECTRO MAGNETIC MACHINES.—Telegraph Registers, Receiving Magnets and Keys manufactured and for sale at No. 334 South Seventh Street, Philadelphia, by W. C. & J. NEFF. 32 7

TEVIS & BARBAROUX, LOUISVILLE, KY.—Manufacturers of Steam Engines, Mill Machinery, superior Forces and Lift Pumps, cast Iron Screw Pipes for gas, steam, or water, largely used by railroads in supplying water stations, or suction pipes for pumps, etc., etc., being cheaper and better than copper or lead. Tobacco, Yard, Timber, and Mill Screws, a ways on hand. Cast Iron Railings, Railroad and Car wheels, other castings for railroads, and general job work. 20 4\*

ANGLO AMERICAN AGENCY.—Office No. 20 Hatton Garden, London, for the production and sale by commission of American Manufactures, machinery, inventions, and articles suitable for the European and British markets. Parties desirous of introducing their goods to the notice of the European public, will find this the most advantageous, direct, and economical method. All communications must be post-paid, addressed to No. 20 Hatton Garden, London. 21 4

CLIPPER AMONG THE MONTHLIES.—The Monthly Nautical Magazine, devoted exclusively to the Maritime interests of the United States, embracing ship-building, commerce, navigation, and marine engineering—will commence its second volume in April, 1855, enlarged to 98 pages. This work contains draughts of some of the finest vessels of the age, with other engravings, and is one of the most valuable publications in the country. Terms, single copies \$5 per annum, or \$2.50 per volume. Club Rates—Five copies for \$20; twelve copies for \$50. Sample copies sent when requested. Address GRIFFITHS & BATES, Editors and Proprietors, 79 John St., New York. 21 4

OUR CATALOGUE, of Optical, Mathematical, and Philosophical Instruments, in pamphlet form a new edition, with numerous illustrations, is now in press and will be issued in a few weeks. This Catalogue is furnished on application, and sent by mail to all parts of the United States and the Canadas free of charge. McALLISTER & BRO., Opticians, (Established in 1793) at their new store, 194 Chestnut street, Philadelphia. 21 3

HUB MORTISING MACHINE.—Price Reduced.—We have finished a few of Roys and French's patent, undoubtedly the best machine for the purpose ever invented. We will take back the machine and refund the money, in all cases, if they fail to satisfy buyers. Wagon and carriage makers will do well to give them a trial. They will bore and mortise thirty to forty hubs a day, and answer also for other work. 20 4\* TEVIS & BARBAROUX, Louisville, KY.

TO LET, WELL LIGHTED ROOMS with Steam Power—at low rates, in the new buildings 7, 9, 11, and 13 Canal, corner of Elm; and 98, 100, and 102 Walker. Apply to M. J. GAUDY, Engineer, 102 Walker St. 20 4\*

MACHINE GROUND CIRCULAR SAWS.—(Patent applied for.) Mill men would do well to try these saws, are perfectly free from thin or thick places, can be used thinner and with less set, and run faster than any other hitherto made. All diameters and thicknesses warranted perfectly true. HENSHAW & CLEMSON, 31 Exchange Street, Boston. 19 8\*

THE FRENCH EXHIBITION.—Parties who have applied for space in the French Palace of Industry, and who do not intend to be present at the Exhibition, are recommended by the undersigned to arrange with Messrs. Gardissal & Co., No. 29 Boulevard St. Martin, Paris, who are prepared to put upon Exhibition, a stand, and effect sales of articles entrusted to their care. It is a responsible concern. S. H. WALES, State Commissioner, Scientific American Office.

BUFFALO MACHINERY DEPOT.—Terrace St. and 36 Lloyd St., Buffalo; J. W. HOOKER, Proprietor. H. C. Brown, Superintendent, offers for sale Machinists' tools of all kinds: Engine Lathes, Planers, Drills, Chucks, Boring Mills; also machinery of all kinds on hand or furnished to order. 7 1/2

STAVE AND BARREL MACHINERY.—Hutchinson's Patent. This machinery which received the highest award at the Crystal Palace, is now in daily operation there. Staves, heading, &c., prepared by it are worth to the cooper 20 to 40 per cent. more than when finished in any other way. Special attention is given to the improved Stave Jointer. Apply to C. B. HUTCHINSON & CO., Crystal Palace, or Auburn, N. Y. 13 1/2

PATENT DRIERS.—Zinc Driers, Graining Colors, Stove Polish, Gold Size, &c., &c., 114 John Street, New York. QUARTERMAN & SON, Manufacturers. 1 6m

HARRISON'S GRAIN MILLS.—Latest Patent.—\$1000 reward offered by the patentee for their equal. A supply constantly on hand. Liberal Commissions paid to agents. For further information address New Haven Manufacturing Co., New Haven, Conn., or to E. C. HILLS, our agent, 12 Platt Street, New York 13 1/2

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 N. G. Norcross's patented machine can be purchased on application to N. G. NORCROSS, 208 Broadway, New York; Office for sale of rights at 208 Broadway, New York; Boston, 27 State Street, and Lowell, Mass. 16 6m\*

CHEAP LIGHT.—A. M. MAOCE, manufacturer of atmospheric or Benzole Gas Machines: size from 2 to 1000 lights. All orders promptly executed corner of Main Street and Harrison Avenue, Springfield, Mass. 15 3m\*

MACHINISTS TOOLS.—SHRIVER & BROS., Cumberland, Md., (on B. and O. Railroad, midway between Baltimore and the Ohio River) manufacturers of Lathes, Iron Planers, Drills and other machinists tools 50 6m\*

A. B. FLY, Counsellor at Law, 59 Washington St., Boston, will give particular attention to Patent Cases. Refers to Messrs. Munn & Co., Scientific American. 15 1/2

VAIL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, Bogardus' Horsepower, Smit Machines, Saw and Grist Mill Irons and Gearing, Saw Goggles, Ratchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch. 81 y\* LOGAN VAIL & CO., P. O. Gold St., N. Y.

NORTHVILLE MACHINE WORKS.—Manufacturers of Machinists Tools, consisting of Engine Lathes, Power Planers, Hand Lathes, Engine Lathes for turning chair stuff, all of the most improved patterns and quality of workmanship. Worcester, Northville, Mass., August 1854. TAFT & GLEASON. 50 1 y\*