

TO CORRESPONDENTS.

J. R., of N. Y.—A turbine wheel is the most simple and the cheapest, but under a twelve foot head, if you have sufficient water, you can drive one run of stones and a saw, easily, either with a breast or turbine wheel.

J. W., of C. W.—The seed of an apple will not produce a pear, although it may be taken from an apple graft on a pear tree. "Every seed bringeth forth after its kind."

E. C., Jr., of Mass.—Your window fastener is not new or patentable.

J. M. M., of Ill.—James McArthur resides at Waterloo, N. Y.

J. F., of Va.—You can make a varnish for grates, by dissolving 3 lbs. asphaltum, and half a pound of shellac in a gallon of turpentine, adding a little lamp black.

R. W. T., of N. Y.—The cause of your wheel performing so irregularly may be owing to one part of its rim being heavier than another. You can easily find out this by careful observation, after shutting off the water.

Z. J., of Me.—Unless fish are salted very soon after they are caught, they will be of inferior quality. They begin to decay sooner than flesh meat. Do not suffer incipient decomposition to commence.

C. H. McC., of Wis.—Your seed planter is similar to those we have seen, and could not be patented. The flexible seed tubes are not new; they have been used on many machines.

J. D., of N. Y.—We cannot give you the information required respecting the building of your house. You must first consider what you want, and then endeavor to find out how to supply your wants, and for this purpose consult a builder.

S. R. L., of R. I.—You can easily obtain a rotary motion without the use of a crank in your steam engine; but then you will have to sacrifice simplicity for complexity, — a good arrangement for a bad one.

E. H., of N. Y.—We always maintained that the Fire Annihilator might be useful in the holds of ships; but for general purposes, it is insufficient to prevent or extinguish fires.

W. T., of Mass.—If you use a weft finer than your warp, you will make a much finer fabric to appearance than if the "numbers" of the warp and weft were equal.

L. W. J., of Phila.—Write an article brief, but comprehensive, on wooden versus iron ships, giving facts and circumstances, and we will publish it. Our object is to advance science and art by the dissemination of reliable information and the correction of popular errors.

E. M., of Ill.—The most available situation we know of for the practice of your art is that of reporter for a newspaper. We do not know of any opening for you here.

C. H. P., of Mich.—Your saw mill appears to be well conducted. We have received a flood of letters relating to what saws have done, and cannot even publish the substance of them. The shingle machine which you have named ought to be secured to the inventor if it is such an excellent improvement.

J. C., of Tenn.—Your last letter is very unreasonable. The answer which we made to your communication on the rotating globe was between you and us, and it was given for your own sake, because no other person reading it could come to a different conclusion than we did.

V. S., of S. C.—We will endeavor to give you the information desired in a week or two at furthest.

J. W., of Pa.—Yours will appear in a week or two.

R. S., of N. J.—The steam and ether engine should have a fair test with the most improved steam engine, and not with some miserable worn out one.

S. & W., of Mass.—We can give you two other rules besides those published for calculating the power of effluent water, but the results would be exactly the same.

II. St. C., of Mich.—We know of one case of blindness caused by the use of sulphate of quinine for the Isthmus fever. It should be taken with great circumspection in every case.

W. S. S., of Ill.—A tin roof would be more expensive than a shingle one for your house, and we would advise you to put on the latter. If you immerse the shingles in a solution of alum and sulphate of copper—one pound of each to ten gallons of water—then dry them thoroughly before putting them on, and they will be rendered nearly fire-proof.

S. R., of Ill.—We cannot tell you the cost of cement roofing. Blake's fire-proof cement for roofs is sold in all the large paint stores in this city. If you mix equal parts of pitch and tar, and add some fine sand with it, and lay it on hot, it will make a good water-proof roof. Fine gravel and sand should be pressed down on its surface before it is cold.

T. Y. S., of Pa.—Coal locomotives will yet supersede wood burning ones; it must be so, because wood is becoming so dear. Pennsylvania will yet become the greatest manufacturing State in our country, we think, because its coal and other natural resources give it so many advantages over any of the other Atlantic States.

A. R. W., of Conn.—No substitute has yet been discovered to supply the place of fine oil in the woolen manufactures. Steam has been used with much success at the factory in Waterloo, N. Y., but not in other places that we have heard from. We do not think your compound is as good as oil; but if you have made sufficient experiments you are the best judge; it is new, and if good may be patented.

J. T., of O.—A propeller with double angular blades could not be patented, as it is old and well known.

II. J., of N. J.—You can color paper with the very same dyes that are employed for cotton. You will find receipts for the different colors in our last volume. If you boil the dyewoods and use strong solutions you may apply them with a sponge to the surface of the paper.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, April 26, 1856:—

J. T. Y., of O., \$25; J. K. D., of N. Y., \$30; J. L. P., of Miss., \$25; J. R. C., of Ind., \$50; C. H. P., of Conn., \$25; D. L., of Mass., \$30; J. F. H., of Ill., \$25; J. E. M., of N. Y., \$25; B. G., of Mass., \$20; J. V. J., of Mich., \$25; E. L. B., of N. Y., \$25; J. I. of Conn., \$30; J. B. C., of O., \$30; R. G., of N. Y., \$100; E. N., of Mass., \$27; H. C., of O., \$25; W. G., of Mass., \$30; L. H. S., of Mich., \$20; T. G. B., of L. I., \$10; C. P. C., of Mass., \$25; W. J., of N. Y., \$25; C. O. L., of Ill., \$30; W. E., of Ill., \$20; J. A. W., of Ky., \$30; J. S., of R. I., \$30; E. A. C., of N. Y., \$40; E. D., of N. Y., \$30; J. N. W., of N. Y., \$30; G. W. S., of N. Y., \$30; H. C., of Mass., \$30; G. C. E., of N. Y., \$30; A. S. M., of Vt., \$55; J. E., of Pa., \$25; W. B. L., of La., \$25; W. & C., of Md., \$1250; A. C. R., of N. Y., \$30; G. D., of N. Y., \$427; J. B. C., of N. Y., \$30; D. D., of N. Y., \$100; T. S., of N. Y., \$260; G. & E., of N. J., \$25; J. R., of N. Y., \$210; W. J. S., of N. Y., \$100; E. S., of Conn., \$85.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, April 25:—

J. M. R., of Ga.; J. L. P., of Miss.; J. T. Y., of O.; C. H. B., of Conn.; S. I. A., of N. Y.; J. E. M., of N. Y.; J. C., of N. Y.; J. V. J., of Mich.; E. L. B., of N. Y.; J. W. S., of O.; F. F., of Ky.; W. J., of N. Y.; H. C., of O.; E. N., of Mass.; A. G., of Ind.; M. & B., of S. C.; C. P. C., of Mass.; G. & E., of N. J.; J. P., of N. Y.; R. G., of N. Y. (2 cases); W. & C., of Md.; W. T., of O.; V. & U., of O.; J. R., of N. Y. (4 cases); H. S. N., of Conn.; W. J. S., of N. Y. (2 cases); J. F. H., of Ill.

Table with 2 columns: Term of Advertising, Price. 4 lines, for each insertion, \$1; 8 " " " " \$2; 12 " " " " \$3; 16 " " " " \$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 insert ing.

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 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 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, and 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.

American and Foreign Patent Attorneys 128 Fulton street, New York; 32 Essex Strand, London; 29 Boulevard St. Martin, Paris; No. 3 Rue Therassienne, Brussels.

WAILEY'S CATTLE, HAY, AND COAL SCALES.—Are warranted of the most approved construction, and can be shipped to any part of the United States. The scale is all iron; brass beam, drawing as low as half a pound, and the bearings are of the best cast steel. Apply to the subscriber for a circular giving all the particulars. C. W. WAILEY, Lexington, Ky.

TWO CAR BUILDERS.—For Sale. One new Up-right Boring Mill for boring car wheels. Makers price \$600, will be sold for \$400 cash. Address GEO. S. LINCOLN & CO., Hartford, Conn. 33 4

PAGES PATENT PERPETUAL LIME KILN, will burn 100 bbls. lime with three cords of wood every 24 hours, likewise my coal kiln will burn 150 bushel with 1 ton bituminous coal in the same time; coal is not mixed with limestone. Rights for sale. 32 4 C. D. PAGE, Rochester, N. Y.

LOCOMOTIVE WOOD.—Winter's American Wood Sawyer is particularly adapted for cutting wood for locomotive wood; is capable of cutting 75 to 100 cords in a day. Patented 1854. State and road rights for sale; for particulars address WM. WINTER, Rondout, N. Y. 32 4

HARRISON'S GRIST MILLS.—20, 30, 36 and 48 inches diameter, at \$100, \$200, \$300, and \$400, with all the modern improvements; Bolters, Elevators, Belting, &c. &c. Also, Portable and Stationary Steam Engines of all sizes, suitable for said Mills. Apply to S. C. HILLS, 12 Plattst., N. Y. 32 eowtf

TO INVENTORS AND OWNERS OF PATENTS.—The undersigned have established a house at St. Louis for the introduction, sale, and exhibition of machinery, inventions, and patent rights. They will receive models and samples for exhibition, and will buy or sell rights for Iowa, Illinois, or Missouri, where terms suit, address JAS. W. MACDONALD, & Co., 87 4th st., St. Louis, Mo. P. S. J. W. Macdonald may be consulted or addressed for a few weeks, at 343 Broadway, New York. 1*

LYON'S COPPER LIGHTNING CONDUCTOR.—Patented July 11, 1854. The subscribers have purchased the entire interest of the patentee in the manufacture of these celebrated conductors, and are prepared to furnish them with the appropriate fixtures to all parties holding the right to territory, in any quantity and on short notice. Circulars sent on application. Address, BRITTAN & EDMONDS, Lockport, N. Y. 27 4 cam

RARE OFFER.—I have the best Rat Trap ever invented; it will set itself, and catch rats all night; they can be made for about six cents apiece, and I will sell (under the application for a patent) the right for any State in the Union, for the small sum of \$30. I will furnish drawings to any person who will forward me eight postage stamps. Address Wm. B. HALLERTON, Boston.

\$300 TO \$5000.—For sale, State, county, city, and town rights, to use a recently patented machine, to make and frame friction matches direct from the block. This is an invention which secures a saving of from one-half to three-fifths of the labor of the ordinary methods of manufacturing the article. Address, O. H. MOSES, Peekskill, N. Y. 1*

THE NEW BRICK MACHINE has been in successful operation for more than two years. The one at my yard is driven by a 6-horse portable steam engine, which cost \$635—makes two thousand one hundred bricks in an hour, or average 20,000 in ten hours. The clay is taken from the bank, passed through a pulverizer which frees it of stone, thence to the pit, where it receives the water pumped up by the engine, and then to the machine. Price \$400. A smaller machine is worked by a horse—makes one thousand per hour. Price \$250. For further particulars (in a pamphlet containing full instructions on brick-burning) address FRANKS H. SMITH, Sun Building, Baltimore. 34 2*

NOTICE.—This certifies that H. B. Simonds has sold me all rights (for the United States) in his Improved mode of attaching Hubs to Axles. CLARK SIMONDS, 2d, West Hartford, Vt. 34 2e*

NOTICE TO CONTRACTORS.—Office of the Long Island Dock Company, Jersey City, April 15, 1856. Sealed Proposals will be received at this Office until the 5th day of May, prox., at 10 o'clock, A. M., for grading two miles of railroad, including a double track tunnel about 4000 feet long. The tunnel is located in Hudson City, about one mile from the Hudson river, and through a ridge of trap rock known as Bergen Hill. The whole work to be completed on or before the first day of November, 1857. Specifications, plans, profiles, sections, &c., of this work may be seen at this Office, or at the Office of the New York and Erie Railroad Company, Erie Place, West Street, City of New York. HOMER RAMSDELL, President L. I. D. Co. 33 3

SMET MACHINES.—A. NEWBURY & CO., of Windham Center, N. Y., are manufacturing a superior article; having been thoroughly tested for a number of years, they are found inferior to none in cheapness, durability, and in the quality of their work. Price \$50. 32 4*

CAUTION.—The public are hereby cautioned against purchasing any right for improvement in Horse Shoes, Patented 25th of July, 1854, by W. H. TOWERS, from Geo. S. Earle or H. B. Strong, as the power of attorney under which such sales may be attempted to be made was revoked some months since. W. H. TOWERS, 32 4*

1856.—WOODWORTH'S PATENT Planing, Tonguing and Grooving Machines.—The subscriber is constantly manufacturing, and has now for sale the best assortment of these universal machines to be found in the United States. Prices from \$85 to \$1450. Rights for sale in all the unoccupied Towns in New York and Northern Pennsylvania, JOHN GIBSON, Planing Mills, Albany, N. Y. 30 3m*

JAMES HARRISON, JR.'S MANUFACTORY.—Second Avenue, corner of 22nd st., New York. 31 4*

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

STUBS AND OTHER Superior Manufacture, Lathes, Cashire and Sheffield Files, Dixon's Black Lead Crucibles, Brass and Iron Machine, and Cap Screws, Pattern Letters, from 3-16 to 2 inches, adapted to all descriptions of Casting. Stub's Plyers and Nippers, small Bench Vices, Emery Cloth and Emery Paper; materials for Locksmiths and Bell Hangers; Brass and Iron Gimlet Point Screws of all sizes, &c. &c. MANY, BALDWIN & MANY, Importers and Dealers in Building Hardware, &c., 49 John st., cor. Dutch, N. Y. 31 4*

THE NEW YORK DAILY SUN.—Is forwarded by the early mails to country subscribers at \$4 per annum, or \$1 per quarter, payable in advance. The postage under the present law is as follows: to any post office in the State of New York, 78 cents per year, payable quarterly in advance. Out of New York State, but within the United States, \$1.56 per year, payable quarterly in advance. MOSES S. BEACH, Publisher, Corner of Fulton and Nassau sts. 4

75 CENTS A YEAR.—Or 16 months for \$1. THE NEW YORK WEEKLY SUN is now sent to subscribers at the following very low rates, payable in advance:—One copy, 3 months, 25 cts.; 6 months, 50 cts.; 1 year, 75 cts.; 16 months, \$1; 3 copies, 1 year, \$2; 8 copies, \$5; 13 copies, \$8; 25 copies \$15—with engravings. The postage within the State is only 13 cents a year—out of the State 25 cents a year. No traveling agents are employed. Specimen copies sent gratis. All letters should be post paid and directed to MOSES S. BEACH, Sun Office, N. Y. 4

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 Planes, Presses, and Shears; Cob and Corn Mills; Harrison's Grist Mills; Johnson's Shingle Mills; Belting, Oil, &c. 25 e3w

H. WELLS & CO., Florence, Hampshire Co., Mass.—Manufacturers of double and single patent premium Circular Saw Mills, of various capacities and adapted to all purposes in point of Finish, Durability, and Utility. Morrison's Patent Shingle Machines, with drive, shave, and joint perfectly, 60 shingles per minute. Self-Setting, Shingle, and Lath Sawing machines. Carpenter's Patent Rotary Force Pumps, admitted the best in the United States. Saw Mandrels, Sets and Set Punches, Mill Gearing, Shafting, &c. Orders by mail will receive prompt attention, and Cut, Circulars and Price Lists furnished when desired. 26 6t eow*

DRAWING INSTRUMENTS.—The largest stock in the country, comprising our well-known German silver Swiss instruments, and German, French, and others Surveying and engineering instruments, warranted of the best construction and quality. Catalogues gratis. AMSLER & WIRZ, 211 Chestnut st., Phila., Pa. 26 6ow*

ENGINEERING.—The undersigned is prepared to detail 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, Faber's Water Gauge, Sewell's Saliometers, Dudgeon's Hydraulic Lifting Press, Roebbling'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

ARTIFICIAL LEGS.—Palmer's Patent.—Manufactured at 378 Broadway, New York, Springfield, Mass., and 376 Chestnut st., Philadelphia, by PALMER & Co.—These legs are universally regarded, and recommended, as an invaluable boon to all who have sustained mutilation by amputation, by all of the first surgeons in Europe and America; by all the Institutes for the promotion of Arts, and by the several thousands of persons now best with them in their daily use. Pamphlets containing the most reliable information are sent gratis to all who apply for them. 26 6ow*

BIRMINGHAM IRON FOUNDRY.—Manufacturers of Iron and Composition Castings, Chilled Rolls, Mill Gearing, Fan Blowers, Trip Hammers, Shafting, Shears, Presses, &c. &c. India Rubber Calenders, Grinding and Cutting Machines, Turbine and Centrifugal Water Wheels. Also, contractors for Breast and Overshot Wood Wheels. Address SHELDON BASSETT, Prest, Birmingham, Conn. 26 6ow*

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 1838. Orders received at our Warehouse, No. 48 Congress st., Boston, 12 6m* WELCH & GRIFFITHS.

SCHENCK MACHINERY DEPOT.—163 Greenwich street, New York, keeps always on hand Lathes, Planers, Drills, Steam Engines, Woodworth's Patent Planing Machines, Belting, &c., in great Variety. Tools furnished of any size, to order, and of the best quality. 26 16* A. L. ACKERMAN, Proprietor.

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

BOILERS FOR SALE.—Three Cylinder Boilers, 44 inches diameter, 50 feet long, with two 13-inch flues each, with steam drums 30 inches diameter and 5 feet high; and Cross Boiler 36 inches diameter, and 12 feet long; safety and check valves all in complete working order. Also, a new set of Van Sicke's Patent Salamander Grate Bars for a Furnace, 5 feet by 10. Apply to HECKER & BROTHER, 32 4* 267 Cherry st., New York.

VERTICAL STEAM ENGINE and Boiler for Sale at a bargain. The Engine is nearly new, and well finished. 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 line 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 \$1200, will be sold for \$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 Machinists' Tools, Hand and Power Punching Presses, Forcing Pumps, Machine Belting, &c., all of the best quality. Factory West Meriden, Conn. 32 13*

CARPENTER'S TOOLS.—For Pumping Hot or Cold Water, Lard Oil, &c. (see good notice on both sides, in this paper, p. 25.) Manufacturers and for sale by D. C. HENDERSON, Sandusky, Ohio. 31 5*

THE AMERICAN PLATE GLASS CO. Having erected extensive works in East Brooklyn, (foot of North Sixth st.) are now prepared to execute promptly all orders forwarded to them, for Rough Plate Glass, for Sky Lights, Floor Lights, Pavements, Deck Lights for vessels, &c. Also an entirely new article possessing the properties and beauties of Agate, called Chalcedon. This material surpasses Marble, in its superior quality and utility for the purpose of Flooring, Mantel Pieces, Table Tops, and Ornamental Architecture. All orders left at the Office of the Company will receive prompt attention. Office 420 Broadway, Rough Plate Glass in the Sheet at the factory, 1-4 in. 35c.; 3-8 in. 35c.; 1-2 in. 40c.; 5-8 in. 60c.; 3-4 in. 75c.; 1-4 in. 80.; 1 in. 85c.; 1-1-4 in. \$1.25. Terms cash in 30 days. 27 13

BOILER INCrustATIONS.—No scale will form in the boiler when Weissenborn's Patent Incrustation Preventor is used. At the same time the apparatus is the best Heater that can be obtained. Apply to E. W. SALT-GHENT, Delmonico's Hotel, New York City. 25 12*

FILMER & CO., Electrotypers and Manufacturers of Electrotype Materials, 125 Fulton st., N. Y. Molding Presses, Batteries, Casts, 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 tf

LINEN MACHINERY.—JOHN R. McNALLY, Champlain, N. Y. Agent for the sale of linen machinery of every description, new and second hand. Engineers and machinists tools, and linen yarns of every number and quality. 22 13*

PATENT ALARM WHISTLE.—For Speaking Pipes. The right of a limited number of the Southern States, of this valuable patent, for sale on reasonable terms. Apply to W. OSTRANDER, No. 57 Ann street, N. Y. 20 13

STEAM PUMPS AND FIRE ENGINES.—Steam Pumping Engines for wrecking purposes, Irrigating and Draining Lands, Deep Mining Shafts, Quarries, and Excavations, Railroad Stations, Factories, Public Institutions, Hotels, Gas Works, Steamers, &c. Also a large and improved class of Pumping Engines for supplying Cities, Towns, and Villages. Apply to H. R. WORTHINGTON, 23 Broadway, New York City. 25 13*

OIL! OIL! OIL!—For fireboilers, steamers, and for machinery and burning. —For 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 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, 205 Broadway, New York. Office for sale of rights at 208 Broadway, New York Boston, 27 State street, and Lowell, Mass. 10 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. 29tf

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 tf

AGENCY FOR THE PURCHASE AND SALE of valuable patents and inventions, T. H. LEAVITT, No. 1 Phoenix Buildings, Boston. None but matters of real merit and utility will receive any attention. Circulars containing further information may be had on application. 29 12*