

26,238.—E. T. Weeks, (assignor to S. H. Babcock) of Franconia, N. H., for an Improved Shoe-pegging Machine:

I claim the feeding-device formed of bar, L, to which the jaws are connected, operated by the screw, K, ratchet, S, and pawl, T, lever, U, and pitman, V, substantially as and for the purpose set forth.

I also claim, in connection with the riving or splitting knife, the gauge, I, arranged as and for the purpose specified.

I further claim the elastic or yielding bar, Q, when attached to the arbor, M, provided with cam, d, and used in connection with the segment rack, P, curved bars, N O, and jaws, k l, for the purpose set forth.

RE-ISSUES.

Berresford Maria King, of New York City, Executrix of Valentine Hall, deceased, late of said New York City, for an Improvement in Apparatus for Cooling Liquids. Patented Sept. 20, 1859:

I claim, first, The employment or use of one or more receivers, A B, with or without the pump, E, placed on a tank, F, containing ice water or water at a low temperature, and connected together and to the liquid supply pipe, substantially as and for the purpose set forth.

Second, The employment or use of one or more receivers, A B, placed within a tank, F, and connected with the barrel or cask, H, by means of a siphon, I, and with a pump, E, within or at the outer side of the tank, for the purposes set forth.

Third, The combining of a pump, E, with one or more receiver, A B, connected together and made to communicate with each other by siphons, CD, when said parts are submerged within a tank, F, and made to communicate with the barrel or cask, H, by means of a siphon, I, extending over the top of the tank, substantially as and for the purpose set forth.

[This invention consists in placing one or more receivers, with or without a pump, within a tank supplied with ice water, or water at a low temperature, and connecting together said receiver or receivers and the pump, if one be used, by means of a siphon or siphons which are placed in communication with the supply pipe, whereby liquids can be drawn in a cool state direct from the supply pipe, and the refrigerating device readily cleaned when necessary, all the parts being rendered very accessible. See engraving in No. 18, present volume.]

Joseph W. Fawkes, of Christiana, Pa., for an Improvement in Machines for Plowing. Patented Jan. 26, 1858:

I claim, first, The employment, in combination with the locomotive, of a bilge-shaped driving-wheel, substantially as set forth.

Second, I do not claim broadly the invention of movable spurs; but I claim the combination of the sliding spurs, k k, with the bilge-shaped driving-wheel, E, as shown and described.

Third, The arrangement of the adjustable frame, plows, gage-wheel, driving-wheel, engine, boiler, and guiding-wheels, as shown and described.

Septimus Norris, of Philadelphia, Pa., for an Improvement in Running Gear of Locomotive Engines. Patented Sept. 26, 1854. Re-issued March 2, 1858:

I claim the combination of a free vibrating-truck, with six or more driving-wheels, when the front pair of drivers is placed in advance of the center of gravity of the entire engine, substantially as and for the purposes set forth.

William Oldham, of Buffalo, N. Y., for an Improvement in Steam-boilers. Patented June 7, 1859:

I claim, first, The central water space, F', in the combustion-chamber, F, arranged in relation to the annular water space, F, and to the tubes, D, or their respective equivalents, substantially as set forth.

Second, Placing the annular sheet, G, and horizontal plate, I, (which with the jacket form the smoke-pipe, M), outside of the waterspace to allow the sediment to be conveniently removed from the water space, in communication with the described arrangement of the return tubes, D, substantially as set forth.

DESIGNS.

Elemir J. Ney, of Lowell, Mass., (assignor to the Lowell Manufacturing Company) for a Design for Carpet Patterns. (2 cases.)

ADDITIONAL IMPROVEMENT.

Benjamin F. Wells, of Georgetown, D. C., for an Improvement in Naval Architecture. Patented Oct. 18, 1859:

I claim making the lines of every section of a vessel from the keel to the water line arcs of circles, when said arcs have separate and independent centers determined substantially in the manner described.

EXTENSIONS.

Christian V. Queen, of Peckskill, N. Y., for an Improvement in Forges. Patented Nov. 18, 1845:

I claim the combination of the curved sliding shutters for enclosing the space over the fire, and the device for admitting a draught of air to keep up the combustion during the intervals in which the bellows are not employed, the same being effected for the purpose and substantially in the manner described.

Joseph E. Anderson, of Boston, Mass., for an Improvement in Planing-machines. Patented Nov. 21, 1845:

I claim the manner shown of forming, arranging and combining with the revolving cutter-wheel, the revolving platform and the endless aprons between which the board to be planed is to be passed, by means of which arrangement and combination it is firmly held along the whole length of such apron and carried regularly forward without deviation.

George Faber, of Canton, Ohio, for an Improved Magnetic Water Gage for Boilers. Patented Nov. 26, 1845:

I claim the method herein described, or any other substantially the same, of indicating the rise and fall of water in a steam-boiler or generator by means of an indicator outside thereof actuated by a magnet connected with a float or any other body within the boiler that rises and falls with the water and connected with the magnet, substantially as described.

NOTE.—The above list of patents contains THIRTY-ONE which were prosecuted through the Scientific American Patent Agency. Although not so many as we frequently obtain, some weeks, we consider it a very good week's business from one agency.

Literary Notices.

EDINBURGH REVIEW. Published by Leonard Scott & Co., this city.

The present number of this, the oldest of the British reviews, contains ten able essays, each worthy of the days when Jeffrey was its editor. The first is a review of A. Bains' new work on "Psychology," and the last one is on the "Secret Organization of Trades" in England. It is stated in this article that a strike of workmen was once concocted to defeat the election of Sir Joseph Paxton to the British Parliament; and that it was got up by a political cabal, who bribed the ringleaders among the workmen.

THE ATLANTIC MONTHLY. Ticknor & Fields, publishers, Boston.

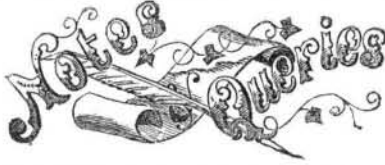
The December number has the concluding chapters of "The Minister's Wooing" and "The Professor at the Breakfast Table." The new publishers affirm, in italics, that "The Atlantic" has never been, and will never be, a sectional journal.

THE MATHEMATICAL MONTHLY J. D. Runkle, A. M., A. A. S., editor; Ivison & Phinney, this city, publishers.

This is a magazine of some 40 pages, printed on excellent paper, in beautiful style, and devoted wholly to the discussion of mathematical problems. We suspect its circulation is hardly equal to that of the "New York Ledger."

NEW YORK COACHMAKERS' MAGAZINE. Published by E. M. Stratton, this city.

This very interesting magazine has reached the seventh number of the second volume, and doubtless is appreciated by the very large class of mechanics and manufacturers to whose interests it is devoted.



E. M. R., of Va.—According to your recollection, if Robert Stephenson had not magnanimously declined the usual allowance made to vessels of the size of his yacht "Wave," he would have beat the "America" in the famous race. We remember reading, in an English publication devoted to such matters, a very good-natured and very graphic account of the race. The writer said that, as his party rode along in the edge of the evening through the immense crowds who were wending their way homeward, they had constant occasion to reply to the hail, "Is the 'America' ahead?" "Yes." "What is next?" "Nothing."

R. M., of Pendleton.—We do not remember to have received any specimen of copper from you. You had better send another to E. N. Kent, No. 30 Wall-street, this city, for analysis.

P. C., of Pa.—You are required by law, on presenting an application for a patent, to define, and, at the same time, clearly and honestly explain, your invention. If you have failed to do this, you have no right to complain of the Commissioner of Patents for refusing to grant you a patent. Inventors sometimes think they can get a patent without explaining their secret. This is absurd, as the law could give no protection to an inventor unless he fully explains his invention, and then only after being satisfied that it is new and entitled to a patent.

H. W. W., of Ky.—It is generally acknowledged that pure sperm is the best oil for lubricating machinery. Although higher in price than other oils, it is not considered more expensive, because it affords such good results, and is the most durable. This opinion we have derived from several machinists, who have tried various kinds of oils. A cheaper oil, equally as good, is desirable, because a vast annual expenditure on railroads and in factories is incurred for this lubricator. Common whale oil can be much improved for lubricating purposes, by boiling it with soda for half an hour. About one ounce of soda only is used to the gallon; and when boiled, it is allowed to settle until a sediment falls to the bottom. The clear is then run off, and used for the machinery.

C. O. R., of N. J.—We decide not to publish the article you send us, upon the cut-off and throttle-valve, taken from a daily paper. We will state, however, that the objection urged by the writer to the operation of the cut-off by the governor is absurd; for the same objection would apply to all high-pressure reciprocating-engines, whether governed by the cut-off or not; or even if they worked under the full head of steam throughout the stroke. The cut-off has nothing to do with such an effect as he described.

N. P. M., of Ohio.—It is a law in mechanical work that action and re-action are equal. The ball would not fall with greater force than that required to make it ascend.

J. C., of Mass.—You complain that we did not answer your letter in regard to the probability of your being able to find a market here for your patent clocks. If you will stop and reflect a moment, you will see that such a question does not belong to us to investigate and answer. Simply because you are one of our subscribers does not "entitle" you to our time in looking up information about the state of the clock market. Our paper is supposed to be worth the subscription price, else you would not take it. Our rule is to show courtesy to all our readers alike; but we do not recognize the principle that a subscriber, because he is a subscriber, has a right to demand our time in a business matter without compensation. We carefully answer all inquiries put to us by our readers, when we can do so without a great sacrifice of time; and we have their repeated assurances that they get from us, freely, information they could not obtain elsewhere for money.

S. B., of N. J.—If, as you state, thunder or electric clouds are always minus, and the earth plus, then no discharges to the earth can take place. In other words, were your views correct, no house, tree, man or beast would ever be lightning-struck.

I. A. S., of Pa.—You appreciate the advantages of having the extremity or point of the lightning-rod made of a good conductor; hence, you are right in condemning the use of German-silver points. A silver point is better than one of platina, because it has nearly thrice the conducting capacity. Platina, however, is so difficult to fuse, and a silver point is so liable to be melted by a heavy discharge of the fluid, that the platina, on this account, some may prefer it.

W. M., of Ky.—H. Bailliere, No. 440 Broadway, this city, is the agent for Muspratt's chemistry.

B. & O., of N. Y.—H. B. M. Birkenbine, Chief Engineer of the Philadelphia Water-works, has charge of the very interesting experiments in relation to the power of the various turbine wheels. By writing to him, you can ascertain whether you are too late too have your wheel tested.

J. M., of Mich.—On examination, we find that our statement in regard to the first locomotive used in this country was correct. It was, in 1831, on the Mohawk and Hudson Railroad,

S. E. R., of Pa.—Your question is, Will water passing on to an overshot wheel, through an opening one foot in height, do more work when the supply in the forebay is 8 feet high than when it is but one foot high, the supply being constant in both cases? We answer, it will depend entirely on the direction in which the water strikes the wheel; if it strikes it so that the momentum will be expended in turning the wheel, it will generally be the case, then the wheel will run faster when the water is high in the forebay.

J. C., of Mount Pleasant.—Attempts have been made to drive machinery with gunpowder, and if they had been successful the light engine to fly with would have been produced. Two difficulties were encountered—the force was too sudden, and the smoke fouled the machinery. We do not think your plan practicable.

W. A. M., of Mass.—We know of no substance more certain to explode, on being struck, than fulminating mercury, with which percussion caps are charged. Atmospheric air, on being suddenly compressed, will yield sufficient heat to kindle phosphorus.

D. M. C., of N. Y.—There are two causes of the prolonged sound of thunder. One is that the lightning generally moves in a direction somewhat towards or from the spectator, and the sound produced nearest him reaches him sooner than that produced at greater distances. Another reason, assigned by Professor Pearce, is the varying densities in the different strata of air and cloud through which the sound passes. Your questions in astronomy are of the most elementary character, and could be answered only at considerable length. We must refer you to some work on astronomy. Professor Olmstead's will be suitable for you.

E. M. R., of Va.—Singular nouns ending in s (single) form the possessive by taking an apostrophe and s. There are good authorities for omitting the second s, but we notice that most of the good writers in this country and England now adopt the rule which we have given. Morgan James, of Utica, and Daniel Fish, of No. 66 Fulton-street, this city, are ranked among the best rifle makers in the State of New York. "The American Rifle," by Chapman, is said to be a good work. The October number of the "Atlantic Monthly" has a good article on the rifle. You will find an illustration of the lime stove invented by W. W. Albro, of Binghamton, N. Y., on page 281, Vol. XI, of the SCIENTIFIC AMERICAN.

J. R. A., of Conn.—The SCIENTIFIC AMERICAN is the only work, published in this city, that contains a list of all the patents granted since 1847.

H. R., of Mass.—We are aware that you are a joint patentee with Mr. Leonard, in the method of manufacturing paraffine candles, for which the patent was issued on the 8th of February last, but Mr. Leonard is the inventor; hence we gave him credit, and no other person has the right to claim any glory for the improvement.

S. S., of N. J.—You can make a beautiful, quick-drying varnish for paper or linen, as follows:—Take gum sandarach, 8 oz.; Canadian balsam, 4 oz.; and dissolve them in a quart of alcohol. Varnish made with gum resins and turpentine do not dry so fast as those made with alcohol, but they are not so liable to crack.

H. W. C., of N. Y.—A very small amount of sulphate of iron should be used in making black ink with logwood; an ounce is sufficient for a gallon.

C. T. M., of S. C.—You can put up a line of telegraph in any part of California and use a visual signaling telegraph like that employed in England; but if you use an electro-magnet to make records or produce signals of any kind, it would be considered an infringement of the Morse patent.

S. H., of Del.—Two sets of blocks and falls rove four-fold and set up on angle frames are sufficient to elevate a steeple-frame of 7,000 pounds weight. You must be careful in securing the frames so as to have them sufficiently strong, to prevent their breaking when raising the steeple.

J. K., of Del.—Resin gas possesses double the illuminating power of coal-gas, but we cannot tell you the relative value of the gas made from saw-dust, to which you refer.

H. J. G., of N. Y.—Solar oil is simply a market name for a certain quality of coal-oil.

Money Received

At the Scientific American Office on account of Patent Office business, for the week ending Saturday, Nov. 26, 1859:—

A. D. H., of Mich., \$25; J. S., of R. I., \$25; D. S. H., of R. I., \$30; J. C., of N. Y., \$55; E. C., of N. Y., \$30; J. J. A., of N. C., \$25; G. A. W., of N. Y., \$30; J. C. W., of N. Y., \$25; N. A. P., of Tenn., \$30; J. Q., of N. Y., \$30; M. & B., of R. I., \$25; R. M. C., of Mich., \$30; J. H., of Ill., \$40; E. L., of N. Y., \$30; D. De F., of Mass., \$30; B. & C., of N. Y., \$30; W. S. M., of Pa., \$30; S. & R., of N. Y., \$30; I. S., of N. Y., \$30; I. M. L., of R. I., \$30; P. T., of N. J., \$30; E. M. & J. E. M., of N. Y., \$35; E. P. M., of Mass., \$30; L. B. D., of Wis., \$25; J. S., of Ohio, \$30; W. A. G., of N. Y., \$30; H. A. M., of N. Y., \$10; J. T. R., of Pa., \$30; A. R. W., of Pa., \$30; M. P. W., of Pa., \$30; V. M. B., of Pa., \$30; L. B. D., of Wis., \$60; G. K. of N. Y., \$10; L. S. C., of N. Y., \$110; M. K., of N. Y., \$30; J. E. E., of Cal., \$10; M. & H., of Mass., \$25; R. W. H., of Ga., \$35; F. O., of N. Y., \$25; N. A., of Conn., \$55; D. N., of Ill., \$25; I. P. L., of N. Y., \$10; R. N. T., of Conn., \$30; L. F., of N. Y., \$30; S. B., of N. J., \$30; B. S. C., of N. Y., \$30; G. H. S., of Mass., \$30; E. P., of Pa., \$30; W. D., of Ill., \$10; M. C., of Mass., \$55; J. F. H., of N. Y., \$25; W. B. C., of L. I., \$57; J. P. G., of N. Y., \$55; H. B. J., of N. J., \$25; C. H. D., of Miss., \$55; W. T., of N. Y., \$30; J. D. B., of Vt., \$25; E. D. & F., of Pa., \$30; O. M. P., of Ill., \$25; G. B. L., of N. Y., \$30; T. H. B., of N. Y., \$25.

Specifications, drawings and models belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Nov. 26, 1859:—

F. M. & J. E. M., of N. Y.; W. A. S., of N. Y.; J. J. A., of N. C.; J. F. H., of N. Y.; I. H., of N. Y.; L. S. C., of N. Y. (two cases); M. K., of N. Y.; W. S. M., of Pa. (two cases); T. H. W. & Bros., of Ga.; K. & R., of Texas; D. D. F. D., of Mass.; J. S., of Conn.; E. L., of N. Y. (two cases); B. & C., of N. Y.; J. P. G., of N. Y.; H. B. J., of N. J.; W. C., of Iowa; M. & H., of Mass.; A. D. H., of Mich.; G. K., of N. Y.; J. C. W., of Ill.; J. D., of N. Y.; W. B. C., of L. I.; S. & R., of N. Y.; M. P., of Ill.; T. H. B., of N. Y.; A. R. W., of Pa.; D. N., of N. Y.

HINTS TO OUR READERS.

BACK NUMBERS.—We shall hereafter commence sending the SCIENTIFIC AMERICAN to new subscribers from the time their subscriptions are received, unless otherwise directed; the back numbers can be supplied from the commencement of the volume to those who may order them. It is presumed most persons will desire the back numbers, and such as do will please to so state at the time of sending in their subscriptions; they can, however be supplied at any subsequent period.

INFALLIBLE RULE.—It is an established rule of this office to stop sending the paper when the time for which it was prepaid has expired, and the publishers will not deviate from that standing rule in any instance.

PATENT CLAIMS.—Persons desiring the claim of any invention which has been patented within 14 years can obtain a copy by addressing a note to this office, stating the name of the patentee, and date of patent when known, and enclosing \$1 as fee for copying.

SUBSCRIBERS to the SCIENTIFIC AMERICAN who fail to get their papers regularly will oblige the publishers by stating their complaints in writing. Those who may have missed certain numbers can have them supplied by addressing a note to the office of publication.

Rates of Advertising.

THIRTY CENTS per line for each and every insertion, payable in advance. To enable all to understand how to calculate the amount they must send when they wish advertisements published, we will explain that ten words average one line. Engravings will not be admitted into our advertising columns; and, as heretofore, the publishers reserve to themselves the right to reject any advertisement sent for publication.

HOARD & WIGGIN'S STEAM TRAP-VALVE, for retaining steam-pipes of condensed water, and keeping back the steam.—

OFFICE OF THE JACKSON CO., Nashua, N. H. Messrs. HOARD & WIGGIN:—Gentlemen: We can recommend your Steam Trap as one of the best improvements now in use for regulating the pressure of steam, and cheerfully recommend the same to manufacturers and others, where steam heat may be employed. Yours truly, BENJAMIN SANDERS, Agent. For the Traps or illustrated circulars, address HOARD & WIGGIN, Providence, R. I.

MICROSCOPES, SPY-GLASSES, THERMOMETERS, Barometers, Telescopes, Air Pumps, Globes, Galvanic Batteries, Mathematical Instruments, Surveyor's Compasses, Surviving Chains, Odometers, Pedometers, Stereoscopes, Tape Measures, Magic Lanterns, Gyroscopes, Hydrometers, Hygrometers, Lenses, Levels, Platina Points, &c. McALLISTER & BROTHIER (established in 1796), No. 728 Chestnut-street, Philadelphia. McAllister's priced and descriptive catalogue—116 pages 200 illustrations—furnished gratis and sent by mail free of charge to all parts of the United States.

FOR SALE OR TO RENT—ON MOST FAVORABLE terms, an Agricultural Foundry and Machine Shop, in good working order, having a well established business and requiring a small capital. Address E. J. BURRALL or H. C. SCHELL, Geneva, N. Y.

STEAM HAMMERS.—THE UNDERSIGNED, makers of the celebrated Nasmyth hammers, having a full assortment of patterns, continue to furnish them at reduced prices, and of any size, from 5 cwt. upwards. The large number hitherto made by them, and in successful operation, precludes the necessity of presenting any recommendations. They are also patentees and exclusive makers, for this country, of what is generally known as the "Condor," or inverted hammer, one of which of six tons, falling six feet, has been in operation at the Franklin Forge, New York, since 1849. [33 cwt.] MERRICK & SONS, Philadelphia.

JUST PUBLISHED—LIFE OF JAMES WATT, the inventor of the Steam-engine; with selections from his correspondence. By James Patrick Muirhead. 1 vol. 12mo., \$1.25. Sent free by mail on receipt of price. D. APPLETON & CO., publishers, No. 346 and 348 Broadway.

SURE AND RELIABLE.—A CURIOUS DEVICE for protecting the wallet from pickpockets, and how, on sight, to readily detect any counterfeit bill in existence. Sent free for \$1. Address Dr. WICKINSON, Hudson, Mich.

A CHRISTMAS PRESENT WORTH HAVING!—Will send by express, on receipt of \$5, a good Prismatic Stereoscope and one dozen fine Photographs, consisting of miscellaneous subjects, as Landscapes, Groups, &c. C. T. AMSLER, 635 Chestnut-street, Philadelphia.

PATENT FOR SALE.—A VALUABLE PATENT for an improvement in Steam-boiling Apparatus for Brewers and others, now in successful operation in this city, for a reasonable price. Address J. T. —, No. 58 Greene-street, New York.

MACHINERY.—S. C. HILLS, NO. 12 PLATT-street, New York, dealer in Steam-engines, Boilers, Planes, Lathes, Chucks, Drills, Pumps, Moulding, Trenching and Sash Machines, Wood-wrights and Danica's Planes, Dick's Planes, Presses and Shears; Cob and Carr Mills; Harrison's Grist Mills; Johnson's Shingle Mills; Baling, &c. &c.

A L COTT'S CONCENTRIC LATHES — FOR Brass, Iron and Bake Handles, Chair Rounds, &c.—price \$25 and all other kinds of wood-working machinery, for sale by S. C. HILLS, No. 12 Platt-street, New York.

INGERSOLL'S IMPROVED PORTABLE HAY and Cotton Press is the best and cheapest in the country. Farmers and planters will do well to examine ours before purchasing elsewhere. Prices for hay presses, \$50 to \$75; cotton presses, \$55 to \$90; delivered in New York free of charge. Liberal arrangements made with dealers. For circulars and further information, address the Farmers' Manufacturing Company, Greenpoint, Kings county, N. Y. Also on hand and made to order presses for Hides, Hair, Hemp, Husks, Broom Corn, Rags, &c.

CLOCKS FOR CHURCHES, COURT-HOUSES, &c.; Time-pieces for Jewelers, Railroad Offices, &c. Also Glass Dials for Illuminating, and other kinds. Address JOHN SHERRY, Manufacturer, Oakland Works, Sag Harbor, N. Y.

BOILER PLATE PUNCHES.—RUST'S PATENT, manufactured and sold by the proprietor of the patent, S. C. HILLS, No. 12 Platt-street, New York. Price \$150.

OIL! OIL! OIL!—FOR RAILROADS, STEAMERS, and for Machinery and Burning. Pease's Improved Machinery and Burning Oil will save fifty per cent, and will not gum. This Oil possesses qualities vitally essential for lubricating and burning, and found in no other oil. It is offered to the public upon the most reliable, thorough and practical test. Our most skillful engineers and machinists pronounce it superior to 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, pronounces it "superior to any other they have ever used for machinery." For sale only by the Inventor and Manufacturer, F. S. PEASE, No. 61 Main-street, Buffalo, N. Y.

N. B.—Reliable orders filled for any part of the United States and Europe. 14 13

ALFRED MARSH & CO., 241 BROADWAY, New York.—Engineers and Contractors for the erection of Coal or Rosin Gas-works; Proprietors and Manufacturers of Marsh's Patent Rosin or Sunlight Gas-works, patented 1858 and '59 in the United States, Canada and Europe. These works are the only ones in existence that can be operated any length of time, continuously, without opening the retorts, and without the least deposit of carbonaceous matter either in the retorts or pipes; producing the cheapest and best illuminating gas. See SCIENTIFIC AMERICAN, page 224. 20 7

HOMINY MILLS.—THE UNDERSIGNED IS manufacturing Fahney's Improved Self-feeding, discharging and Separating Hominy Mill. For mills or rights, address 19 11* J. DONALDSON, Rockford, Ill.

5,000 AGENTS WANTED—TO SELL FOUR new inventions. Agents have made over \$25,000 on one—better than all other similar agencies. Send four stamps and get 80 pages particulars, gratis. EPHRAIM BROWN, Lowell, Mass. 17 13*

LEATHER AND RUBBER BELTING, ENGINE and Hydraulic Packing, Heater Pipe Rings, Printers' Blankets, Roller Leather and Roller Cloths, Machine Cards, superior Lacing-leather, and all articles usually required for manufacturers' use, for sale by MOSES H. EMERY, No. 132 Arch-street, Philadelphia. 21 3*

\$1,200 A YEAR MADE BY ANY ONE with \$10. Stencil Tools; silver medal awarded. For samples, send stamp to A. J. FULLAM, Springfield, Vt. 16 cwt 5*

JONES & LENNIG, NOS. 313 AND 315 NEW Market-street, above Vine, Philadelphia, Pa., manufacturers of Wet and Dry Patent Gas Meters r Station, Experimental, Show and Customer Meters; Meter Provers, Burner Provers, Mercury Cups, Governors, Center Seals, &c.; Pressure Registers, Indicators and Gages, &c., &c. Messrs. Jones & Lennig beg leave to call the attention of Gas Companies, Gas Engineers, Gas-work Builders, and of consumers generally in the United States, Canada, South America, Cuba and California, to the superior instruments they are now offering. Meters tested by a sworn inspector. Orders promptly attended to. 22 2*

IRON FOUNDRY AND MACHINE-SHOP.—THE proprietors of the long and favorably-known Franklin Iron Works, retiring from business, offer their establishment for sale or rent on reasonable terms. It consists of an Iron Foundry, Machine Shop, Smith, Pattern and Millwright-shops, together with the machinery, tools, patterns, fixtures, &c. The location is one of the best in Philadelphia. Size of lot, 100 feet 1 inch by 245 feet 7 inches, fronting on three streets; or they will sell the tools separately, and rent the establishment. FRANKLIN IRON WORKS, Philadelphia, Pa. 22 4*

INFORMATION WANTED—OF OTIS B. WATLES, a Tanner, supposed to be in the southern States. Address SHAW & CLARK, Biddeford, Maine. 22 3*

CHARCOAL PIG-IRON.—400 TUNS COLD-blast Charcoal Pig-iron, made from Sterling and Armenia Ores of superior quality, for sale in lots to suit purchasers, by JOSIAH S. LEVERETT & CO., 89 Maiden-lane, New York. 22 4*

LIFTING-JACKS AND PRESSES FOR SALE.—L of Jacks, five sizes, weighing from 35 to 110 pounds, capable of lifting from 10 to 40 tons, for sale at the following places in New York: 167 South-street, 76 John-street, 195 Pearl-street and 122 Broadway. Presses, of any capacity and applicable to all purposes, made to order. Address DAVID L. MILLER, Madison, Morris county, N. J. 20 6*

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