

TO CORRESPONDENTS.

J. D. R., of Phila.—The phenomena you speak of, we suppose is often witnessed, but you would not take it as proof of life being produced without an ovum; we would not.

E. B., of N. Y.—We cannot tell you where to obtain the broom machinery, or we would be happy to do so. The machines you speak of for stockings we thought had been abandoned.

J. McK., of N. J.—We do not know how to remove freckles.

J. A. F., of —The receipt you refer to is taken from the work of E. Wilson, F.R.S., on Diseases of the Skin.—Your plan of shaving we do not think is a good one; but what may be suitable to one person, may prove the reverse to another. As a hair tonic, Wilson also gives the following prescription:—Maceron bark, one ounce; horseradish root, one ounce, and half a pint of distilled vinegar. This infusion is to stand for a week before being used.

H. B. L., of Ohio.—We could not advise you to employ water rams for irrigating your farm, because we cannot give a positive opinion respecting their economy for such a purpose; but could you not cut a water course across the head of your farm and bring the stream in channels down through several parts of the land. This is the way they do in some tropical countries. You might build a dam to obtain a good supply for very dry weather.

J. A. H., of Wis.—Your water-proof bedtick is not patentable. \$1 received. Your writing is so indistinct that we can only read a portion.

J. M., of Mass.—Smith's work on dyeing is published by H. C. Baird, Philadelphia; write to him respecting the price.

S. V., of Phila.—We have not seen "Pierce on Sounds." We would be happy to give you the information were it in our power to do so.

S. M., of Md.—Another person is about getting up such a model as the one you propose.

R. C. B., of Ill.—The measurement of ships is not included, we believe, in the Congress of Nations.

J. M. H., of Miss.—The "Art of Tanning," by Morfit, is published by H. C. Baird, Philadelphia; the price we believe is three dollars; write to the publisher. Prentice & Co., this city, have a large for manufacture. The light of the moon, seen during an eclipse, is reflected from the earth.

G. P. K., of Ind.—Asks if the air that is discharged in the bolt through a pipe five times larger than the supply pipe, would be any objection in separating the flour from the bran. We don't know; try it and see.

H. N. B., of N. Y.—We are not acquainted with any institution devoted expressly to civil engineering; it is taught however as a branch of education in a number of institutions.

J. McM., of Ky.—We believe it has long been settled among engineers that a speed of 100 miles or more per hour may be obtained on railroads, provided the grading and all the appurtenances are constructed with that view. But the chief hindrance at present is the cost. No new ideas on the subject are advanced in your letter.

D. S., of La.—We observe nothing to prevent the successful operation of your out-off arrangement. The expense of an engraving will be \$15. Sketch returned.

F. S. L., of Mass.—We cannot say what the reports would cost.

S. E. Y., of Md.—For your own sake, we advise you to acquire as good an education as possible; a thoroughly scientific and practical engineer cannot fail to obtain a good situation.

A. W. G., of Iowa.—There is no good work of the kind wanted by you. One of the eggs you speak of ought to have been hatched in order to arrive at the result.

The following is a list of Letters Patent remaining in our possession, which we would thank the owners to order away. They occupy so much room in the fire proof safe where they have been deposited, that we shall either be obliged to obtain a larger safe as a receptacle for them, or provide less secure means for their protection. We prefer that the owners would order them sent to them, for they are no doubt of value to them, while they are of no use to us, and occupy valuable space which we need for other purposes. They can be sent by mail, or express, as the parties ordering may request. If ordered by mail, the person writing for them will please to enclose 8 P. O. stamps to prepay the postage:

S. D. Hupkins, C. G. Best, A. Dennison, Benj. Irving, Stephen Crane, T. Peaswell, W. G. Hugett, A. Anderson, J. Andrews, H. Harrington, E. L. Norfolk, Martin Bell, Stouffer, Brough, & Barr, B. F. Bee, W. Wright, S. Bell, G. Street, B. T. Babitt, B. M. Suell, D. S. Howard, Obed Hussey, John Parry, J. U. Wallis, Hunt & Nordyke, T. J. W. Robertson, P. F. Charlie, C. L. Adair, S. F. Field, Rapp & Wright, A. Duchoce, E. Ford, U. H. Goble, James Curtis, S. S. Harbut, T. Hopper, H. Snow, J. B. S. Hada-way, G. Seibert, J. Butts, Wm. Brooke, Jas. Bazendale, G. W. Griswold.

Also the following Foreign Patents and Assignments: J. N. Gamewell, Rogers & Whitney, E. E. Boies, B. Hughes, D. Noyes, C. W. Brown, — Tewksbury, A. E. Burnside, J. C. Howe.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, June 2:—

G. A. P., of N. Y., \$100; R. & T., of N. Y., \$510; A. K., of Md., \$35; J. H. G., of Ky., \$10; E. D. B., of N. Y., \$25; T. E. C. B., of Ky., \$15; J. W. B., of Ark., \$30; S. A. C., of N. Y., \$25; M. T., of Ill., \$60; J. S. R., of Cal., \$30; D. L. C., of Cal., \$55; Y. L. S., of Mass., \$25; R. A. P., Jr., of Mass., \$20; S. W. S., of N. Y., \$15; J. G. H., of Fla., \$34; H. R., of N. Y., \$50; A. W. W., of Wis., \$25; J. S., of N. Y., \$30; Y. R. T., of N. Y., \$30; W. H. F., of Miss., \$120; W. P., of N. Y., \$55; E. E., of Cal., \$30; W. S., of N. Y., \$30; C. M. S., of Ind., \$25; A. H. R., of Pa., \$30; Y. A. M., of N. Y., \$25; J. T., of Cal., \$30; M. & C., of N. Y., \$30; B. F., of Ind., \$65; C. D. R., of Wis., \$10; W. L. C., of Pa., \$25; B. F., and Sons, of N. C., \$30; D. W., of Mass., \$10; E. A., of N. Y., \$10; M. McG., of Mich., \$25; W. F., (2nd) of Mich., \$25; J. E., of Mass., \$30; B. R., of Va., \$25; S. M. N., of Mass., \$26; L. C., of Cal., \$25; H. J. C., of N. Y., \$10; O. S., of N. Y., \$25; P. S., of Mass., \$30; R. J. W., of Va., \$30; A. H., of N. Y., \$25; L. & A., of N. Y., \$30; J. U. W., of N. Y., \$25; H. H. M., of Ind., \$50.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 2:—

E. D. B., of N. Y.; C. W. R., of Pa.; P. & B., of O.; S. & O., of N. Y.; A. K., of Md.; S. W. S., of N. Y.; W. A. S., of Mass. (2 cases); A. H., of N. Y.; Y. L. S., of Mass.; C. M. S., of Ind.; A. W. W., of Wis.; A. H. R., of Pa.; L. & A., of N. Y.; L. C., of Cal.; S. M. N., of Mass.; W. L. C., of Pa.; W. F., of Mich. (2 cases); B. R., of Va.; O. S., of N. Y.; S. H. T. T., of Md.; J. S. M., of Ill.; J. C. W., of N. Y.; C. D. R., of Wis.

Important Items.

PATENT LAWS, AND GUIDE TO INVENTORS—Congress having adjourned without enacting any new laws pertaining to applications for patents, we have issued a new edition of the old laws, which may be had at our counter or sent by mail. This pamphlet contains not only the laws but all information touching the rules and regulations of the Patent Office Price 1 1/2 cents per copy.

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 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 acknowledgement of the receipt of their funds.

Terms of Advertising.

Table with 3 columns: Lines for each 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.

American and Foreign Patent Agency.

IMPORTANT TO INVENTORS—MESSRS. MUNN & CO., 125 Fulton street, New York, Publishers and Proprietors of the Scientific American, having for many years been extensively engaged in procuring Letters Patent for new mechanical and chemical inventions, offer their services upon the most reasonable terms. Patents promptly secured in the United States, Great Britain, France, Belgium, Holland, Austria, Russia, Spain, and in all countries where they are granted. All business entrusted to their charge is strictly confidential. Private consultations respecting the patentability of inventions are held free of charge, with inventors, at their 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 person 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 patent 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 wide spread and substantial influence. Parties intrusting 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 a very large proportion of all the patents applied for in the U. S., go through our agency.

The offices of the American and Foreign Patent Agency are at 125 Fulton Street, New York; London, No. 32 Essex st., Strand; Paris, No. 29 Boulevard St. Martin; Brussels, No. 6 Rue D'Or.

THE DAILY SUN—Mail Subscribers.—The morning edition is forwarded by the early mails to country subscribers, at \$1 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, 19 cents in advance. To any Post Office out of New York State, but within the United States, \$1.50 per year, payable quarterly, 38 cents in advance.

MOSES S. BEACH, Publisher. Sole Proprietor of the Sun Establishment. Corner of Fulton and Nassau sts.

METALLIC OIL—CUMBERLAND BROTHERS Patent, and Yockney's improved Lubricating Oils and Greases. These articles are adapted to the requirements of engineers and machinists, for every description of machinery. The great economy of their use, both in their durability and entire freedom from gum, the lessening of wear on the journals, as also the saving of power by reducing friction, commend them to the attention of all parties using lubricating oils. May be had in packages containing from 1 to 300 gallons from the manufacturers, AUGUSTUS YOCKNEY, 67 Exchange Place.

WROUGHT IRON PIPE—Boiler Flues Pumps and Gauge cocks Oil Cup, and every variety of fittings for steam, gas and water, manufactured and sold on the most favorable terms, by JAMES D. MORSE & CO., No. 79 John St., New York.

LOWELL HYDRAULIC EXPERIMENTS—LITTLE BROWN & Co. Boston, have just published Lowell Hydraulic Experiments, being a selection from experiments on Hydraulic Motors, on the flow of water over weirs and in canals of uniform rectangular section, and of short length. Made at Lowell, Mass., by J. B. FRANCIS, Civil Engineer, etc. 1 Vol. 4 to; 15 plates, beautifully engraved. Price \$10. The most original and important practical scientific treatise ever published in the country, and in its particular branch in any country, and which for reference must be standard among hydraulic engineers.—(N. Y. Courier and Enquirer. 392)

THE NEW YORK WEEKLY SUN is now sent to subscribers at the following very low rates, payable in advance:—One copy, 3 months, 25 cents; 6 mos., 50 cents; 1 year, 75 cents; 15 months, \$1; 3 copies, 1 year, \$2; 8 copies, \$3; 13 copies, \$4; 25 copies, \$15. The paper is sent by mail, only 13 cents a year, out of the great 26 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, New York.

MAMMOTH CATALOGUE OF BOOKS and Prints for 1855—sent gratis to all who apply for it. Address STEARNS & CO., publishers, corner Ann and Nassau sts. N. Y. 392*

RARE CHANCE FOR A SPECULATION—I will assign one half of my interest in a foreign patent on the wrench for which a U. S. patent was granted to me May 23, to any one who will pay the expenses of taking out a patent in a foreign country. F. S. COBURN, Ipswich, Mass.

FOR SALE—Two patents (of late date) for improvements in Safe Locks; both locks are unpickable and power proof; simple to manufacture, and meet with a good sale. Address LINUS YALE, Newport Herkimer Co., N. Y. 393*

WELLS' PATENT CIRCULAR SAW MILLS—Manufactured by H. WELLS & CO., Florence, Mass. Double Mills, No. 1 to 10, with 40 and 24 inch to 51 and 48 inch Saws. Single Mills with 36 inch to 72 inch Saw. Admitted the best in the United States for the general lumbering business, especially the Double Mills for cutting all sizes of logs which we can furnish any size of saw, and 50 inch saws complete, at less than the price of a 72 inch log, and a great saving in lumber and power is effected thereby. Child's Circular Saw Mills also constantly on hand. 37 400*

UNITED STATES PATENT OFFICE.

Washington, May 19, 1855. ON THE PETITION of Emily C. Pullman, administratrix of the estate of Lewis Pullman, deceased, late of Albion, N. Y., praying for the extension of a patent granted to the said Lewis Pullman, on the 21st day of August, 1841, for an improvement in "machines for removing buildings," for seven years from the expiration of said patent, which takes place on the 21st day of August, 1855:

It is ordered that the said petition be heard at the Patent Office on Monday the 6th day of August next, at 12 o'clock, M.; and all persons are notified to appear and show cause, if any they have, why said petition ought not to be granted.

Persons opposing the extension are required to file in the Patent Office their objections, specially set forth in writing, at least twenty days before the day of hearing; all testimony filed by either party to be used at the said hearing, must be taken and transmitted in accordance with the rules of the office, which will be furnished on application.

The testimony in the case will be closed on the 26th day of July, 1855; depositions and other papers relied upon as testimony must be filed in the office on or before the morning of that day; the arguments, if any, within ten days thereafter.

Ordered also, that this notice be published in the Union Intelligencer, and Evening Star, Washington, D. C.; Pennsylvania, Philadelphia, Penn.; Scientific American New York; Daily Baltimore Republican, and Post, Boston, Mass., once a week for three successive weeks previous to the 6th day of August next, the day of hearing.

CHAS. H. MASON, Commissioner of Patents. P. S. Editors of the above papers will please copy and send their bills to the Patent Office, with a paper containing this notice. 383

RURAL PUBLICATIONS—The attention of all persons interested in rural pursuits is invited to the following publications:—THE COUNTRY GENTLEMAN—A Weekly Journal for the Farm, the Garden, and the Fireside—forming yearly two large and beautiful quarto volumes of 416 pages each. Price \$2 a year. This is beyond question, the best agricultural journal published in this country. Specimens sent to all applicants. Subscriptions may begin at any time. A new volume commences July 1st. THE CULTIVATOR, a monthly journal for the farmer and the horticulturist, beautifully illustrated, and forming an annual volume of nearly 400 pages, at 50 cents a year. The illustrations and Annual Register of Rural Affairs, for 1855, embellished with more than 100 engravings; 1 vol. 12mo. 144 pp., price 25 cents in paper covers, bound 50 cents; sent pre-paid by mail. "Relations of Chemistry to Agriculture, and the Agricultural Experiments of J. B. Lawes," a new work by Prof. Liebig just published, price 25 cts.; sent pre-paid by mail. Specimens and prospectuses sent free on application to the publishers, LUTHER TUCKER, Albany, N. Y. 382*

BALL AND BALLARD, (successors to Ball and Rice) Worcester, Mass., continue to manufacture the well known Daniels Planers; Gray and Wood Patent Planers; being a combination of the Daniels and Woodworth Planing Machines. This machine does the work fast and very nice; also Wright's Scroll Saws, Tenoning and Sash Molding Machines, warranted to be of a superior quality, and have recently been much improved; we also manufacture Mortising Machines, and a variety of other articles wanted to accompany the above named machines. 384*

ENGINEER'S OIL AND LUBRICATING COMPOUNDS—Cumberland's Metallic Oil, and Yockney's Superior Lubricating Compounds. These oils are free from unpleasant odor, and will not gum on machinery. Also Yockney's Economic Lamp Oil. Parties wishing to procure the genuine quantities are recommended to send their orders direct to the manufacturer. Orders directed to him, at the old stand, 67 Exchange Place, will have his immediate attention. AUGUSTUS YOCKNEY, 67 Exchange Place, N. Y. 382*

PARTNER WANTED—The undersigned having secured a U. S. Patent for an invention which promises to be very profitable, is desirous of forming a partnership with a person having from \$500 to \$1000 capital. The nature of the invention consists of a new kind of spring gun, to be attached to safes, door locks, etc., called an "Alarm Attachment." It may be easily arranged however, so as to give alarm or to wound. For further particulars apply to JOHN SCHNEIDER, No. 11 Frankfort st., New York City. 382*

PARTNER WANTED IMMEDIATELY.—Who will invest \$500 or \$1000 in Letters Patent, and aid in constructing and operating the machines,—from which large profits will arise. For particulars address JOHN W. BROWER Cincinnati, Ohio. 382*

FOR SALE—A valuable Lumbering Establishment in full operation; a large new mill, a good stock of logs on hand, and a quantity of sawed lumber in the yard. Connected with the above is a large and desirable tract of timber land in Pennsylvania, near the Delaware River, and convenient to the N. Y. and Erie R. R. For particulars inquire of E. P. WHITMOR, office of the Plow, Loom and Anvil, No. 9 Spruce st., N. Y. 383

LUBRICATING OILS—We are prepared to furnish Cumberland's Patent Metallic Oil, and other superior lubricating materials; Railroad and Steamship Companies, and all parties using machinery, will find a decided advantage in using our oils, which are more economical than others in market. The Metallic Oil is favorably known for durability, saving power and for preventing the heating and fouling of machinery. The price of our No. 1 oil is only \$1.15 per gallon. Orders will receive prompt attention. WEED & CO. office 134 Pearl st., N. Y. 384*

TREMPER'S PATENT REGULATOR and Fuel Economiser for Stationary or Marine Engines; will regulate better and with less fuel than any other known mode. Also will stop the engine, in case of accident.—The whole combined in one and warranted for governors or valves. Address JOHN TREMPER, 376* No. 1 South Sixth st., Philadelphia, Pa.

JACK SCREWS and HYDRAULIC JACKS.—For sale at manufacturers' prices, by FOSTER & LEACH, 28 Broadway, N. Y. 374*

STAFFORD'S HALF HUNDRED RECEIPTS—A pamphlet of 16 octavo pages, containing more than 50 new and valuable receipts. This book should be in the hands of every mechanic farmer, and thrifty housekeeper. Enclosed in two letter stamps in a letter directed to J. B. STAFFORD, Practical Chemist, No. 4 New street, New York, and the return mail will bring you the book with the postage paid thereon. 3713

MACHINISTS' TOOLS—Manufacturers, Mechanical and Railroad Supplies, Locomotive and Stationary Engines, Steam Boilers, Belting, Cotton and Woolen Machinery, Water Wheels, Pumps, Blowers, &c. Address FOSTER & LEACH, 28 Broadway, N. Y., Selling Agents of the Lawrence Machine Shop. 3613*

THE AMERICAN ROCK DRILLING CO. invite attention to their superior machine (patented) which, after thorough trial is believed to be the simplest and most efficient in use for artesian wells, heavy excavations, quarries, mines and for face dressing. The Company are prepared to dispose of rights throughout the United States, to furnish machines, horse powers and steam engines with fixtures complete, adapted for any and all kinds of rock work, or to contract for excavations, on public or private works in any part of the Union. Models may be examined at the Office of the Co., or machines may be seen in operation and further information obtained on application to T. H. LEAVITT, Agent and Treasurer. 364* No. 40 State St., Boston

STATIONARY STEAM ENGINES FOR SALE.—Horizontal Engines with iron bed frames and Judson's Patent Valves a good, strong, substantial, plain finished, and that will do good service, say from 4 horse power, \$215, to 30 horse, \$1037. Pumps, Boilers, and fixtures can also be supplied when needed. Address, 2833wtf S. C. HILLS, 12 Platt st., New York.

THE CHEAPEST HORSE POWER KNOWN. Patented April 1st, 1855.—Simpson's horse power has not a gear wheel about it, and it can be constructed and kept in repair by an ordinary mechanic. It costs less and furnishes a larger percentage of power than any horse power known. For the purchase of rights for the District of Columbia, Maryland, Delaware, New Jersey, Pennsylvania, New York, Ohio, and the New England States, apply to Prof. CHAS. G. PAGE, Washington, D. C. 351*

OFFICE OF THE HYDRAULIC WORKS—No. 28 Broadway, New York. Steam Pumping Engines, for steamers, wrecking purposes, irrigating and draining lands, deep mining shafts, quarries, and excavations, railroad stations, tanneries, factories, public institutions, hotels, gas works, &c. Also a large and improved class of Pumping Engines, for supplying cities, towns, and villages. Apply to H. R. WORTHINGTON. 333m

THE EUROPEAN MINING JOURNAL, Railway and Commercial Gazette. A weekly newspaper, forming a complete history of the Commercial and Scientific Progress of Mines and Railways, and a carefully collated Synopsis, with numerous illustrations, of all new Inventions and Improvements in Mechanics and Civil Engineering. Office 26 Fleet st., London. Price \$6.50 per annum. 364*

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. 341*

IMPORTANT INVENTION—Patented 7th June, 1853.—Falconer's Coupling for hose, hydrants, force pumps, etc., is the only coupling likely to supersede the screw coupling. It can be made cheaper than the screw coupling, and excels it in every respect, and after a public trial under the severest tests, it has been adopted under an Act of the Corporation of the City of Washington, for the Fire Department, in place of the screw coupling. For the purchase of rights in this patent, apply to Prof. CHAS. G. PAGE, Washington, D. C. 351*

JOHN PARSHLEY, NEW HAVEN, Conn. Manufacturer of Machinists' Tools. Has on hand, and is turning out, all sizes of Engine and Hand Lathes, Iron Planers, Upright Drills, Bolt and Gear Cutters, Universal and Scroll Chucks of the best quality and latest style, at extremely low prices for approved paper, and still lower for cash.

N. B.—It is now admitted by all that New Haven is the best place to buy good machinists' tools for 25 per cent less than any other place in the United States, as it was the first place and still is the only place where the tool business is purued in a systematic way, which always gives good work and at a low price. And I know that I can sell when quality and capacity is considered ten or fifteen per cent lower than any other tool builder in New Haven, as my business is large, and I make all of my own castings, and also 10,000 of all the tool castings made in New Haven. Hence no one pretends to compete with me. Cuts of tools, with descriptions and prices, can be had by addressing as above. 331*

POWER PLANERS—Persons wanting Iron Planers of superior workmanship, and that always give satisfaction, are recommended to the New Haven Manufacturing Co., New Haven, Ct. 311*

TO LET—Light Rooms with steady power, on Canal Elm, and Walker, streets, at very low rates. Situation central. Engine, buildings, and occupants, first class. Facilities for exhibiting new machines, by Mr. GAUDU, 102 Walker st. 313m*

MACHINISTS' TOOLS—Meriden Machine Co. have on hand at their New York Office, 15 Gold st., 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. 313*

T. B. RUSSELL, Manufacturer of Philosophical Apparatus and Inventors' Models, No. 7 Washington street, Salem, Mass. 3312*

ANDREWS & JESUP—Commission Merchants. Cotton and Woollen Machinery, Steam Engines, Machinists' Tools, Belting, &c. Importers and Dealers in Manufacturer's Articles, No. 67 Pine st., N. Y. 331y

SMITH'S WATER-TUYERES—Prosser's Patent. These Tuyeres are made of wrought-iron, and are warranted not to crack by the most severe heat. Also Water-backs and Tables, for kitchen ranges, hotels, and restaurants, &c., requiring a constant supply of hot water. THOS. PROSSER & SON, 28 Platt st., New York. 271*

STAVE DRESSER AND JOINTER—For tight work decidedly the best and cheapest in use. Machines can be seen in operation at SHAW & KIBBES, Shook Manufacturing, Buffalo, N. Y., and models may be seen at the office of the agent, JAMES S. POLHEMUS, 117 Pearl street, New York, to whom, or to the patentees, H. & L. D. BENSON, Jackson Susquehanna Co., Pa., any communications may be addressed. 2713*

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. 321*

IRON PLANERS—Of various sizes and superior workmanship on hand and finishing, for sale low for cash. We confine our lives solely to building Planers, and can warrant every machine, Lathes, Drills, Gear Cutters, Chucks, &c. of the best quality furnished at very low prices. Address THOMPSON, BROWN & CO., New Haven, Conn. 321*

HARRISON'S GRAIN MILLS—Latest Patent.—A \$1000 reward offered by the patentee for their invention, supply constantly on hand. Liberal commissions paid to agents. For further information address New Haven Manufacturing Co., New Haven, Conn., or to S. C. HILLS, our agent, 13 Platt Street, New York. 131*

1855—D. W. WHITING, Forwarding and Commission Merchant, Buffalo, N. Y.—Particular attention given to manufacturers' goods and wares, and shipped at the lowest rates by any line, as directed. Mark plainly, "care D. W. WHITING, Buffalo, N. Y." 291*

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. 166m*

A. B. ELY, Counsellor at Law, 52 Washington st., Boston, will give particular attention to Patent Cases. Refers to Messrs. Munn & Co., Scientific American. 161y*

VAIL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, for Gardens, Horsepowers, Small Machines, Saw and Grist Mill Irons and Gearings, Saw Gummies, Ratchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch. 81y* LOGAN VAIL & CO., 9 Gold st., N. Y.