

Correspondents

E. G., of Va.—The idea of employing electric currents in the process of bleaching materials for paper-making, would not, in our opinion, be of any practical value; besides, the suggestion is not new.

A. E. R., of S. C.—You inquire "how it happens that so many inventors are constantly engaged in trying to invent an improved churn, washing machine, or pump?" The reason is perfectly obvious, and originates as much from one of the laws of trade as the manufacture of cotton cloth. Almost every family in our land has a direct interest in these machines—therefore inventive genius is more or less active in devising better plans and devices to meet the general demand. Every family does not want a carding machine or a smelting furnace, and hence it is that less general attention is paid to them.

J. L., of Wis.—We thank you for informing us that a rumor has been started in your vicinity to our prejudice as honorable Patent Agents. It has doubtless been put in motion by some irresponsible and unprincipled fellow who has not the capacity to lay a foundation for himself. We have outlived such rumors by our professional acts, and seldom, if ever, deign to take notice of them. We are perfectly able to continue our business in defiance of such malicious reports.

S. S., of Ind.—"Suppose a person has a patent for a wagon, one of the claims being on the bed, another on a particular style of wheel, can the patentee sell rights for the wheel alone, without selling the right to the whole patent—that is, selling one or more claims of a patent without the others?" We answer that a patent cannot be obtained to cover under one issue two distinct features as set forth above. A patentee may set a limit upon the particular use of his invention, or such separate portions of it as he may have covered in his claims.

S. R., of Ark.—It is said that if small pieces of cyanuret of potash of the size of a pea are put into the holes of shafts, it will, by repeated application, entirely exterminate them.

T. T., of N. Y.—It is considered unsafe to enter a sick room in a state of perspiration, as the moment you become cool your pores will be likely to absorb. Do not approach contagious diseases with an empty stomach, nor sit between the sick and the fire, as the heat attracts the vapor.

U. A. B., of N. Y.—We consider Haswell's Pocket Companion the nearest to "a work in a compact form for practical work" of any in print. The price is \$1.25. It is published by the Harpers, this city.

S. H. R., of Del.—Your idea of driving a water wheel by the water raised by a pump driven by the wheel itself, is one that has suggested itself to many persons unacquainted with mechanical principles. If there was no such thing as friction, and the full effect due to a certain fall of a given quantity of water could be obtained practically, your apparatus when started as you propose would continue in operation, but even then you must have a fall for the whole quantity of water equal to the height the water is to be raised. The thing is entirely impracticable; it is, in fact, perpetual motion.

Marcus Pratt, of North Adams, Mass., wishes to correspond with the owner of Edgcomb's Patent Washing Machine for the county of Litchfield, Conn.

C. C. H., of Mich.—The Hughes telegraph does not both send and receive signals at the same instant of time; but during the intervals in the touch of the signal keys at one end of the line, signs may be returned in a contrary direction from the opposite end.

L. H., of Ohio.—You had better address T. & J. N. Aldrich, of Hudson City, N. Y., if you wish to carry out the principle of smoke burning to the very highest perfection. We believe in making the tops of low chimneys a trifle larger than the base inside, but in high stacks the stability of the construction overrules the arguments in favor of such form.

C. M. Lee, of Sioux City, Iowa—Wishes to purchase either a new or a second-hand lathe, 3 1/2 or 4 feet long, and 6 or 8 inches swing, with slide rest, and arranged for cutting screws. He is a gunsmith.

C. W. G., of Ill.—There is no description of your harvester in the paper sent, from which we can get at a clear idea of its construction. We prefer in all cases, when we notice an improvement, to accompany it with an illustration.

L. B. C., of S. C.—You can procure improved machinery for making crackers from Wm. R. Evans, 87 Eldridge street, this city.

Money received at the Scientific American Office on account of Patent Office business, for the week ending Saturday, September 5, 1857:—

- W. H., of N. Y., \$25; E. P. S., of N. Y., \$20; G. W. R., of Iowa, \$30; A. J. C., of Ind., \$12; F. W., of Tex., \$30; C. E. S., of Mass., \$30; W. D., of N. Y., \$25; M. T., of Ill., \$27; S. E. D., of Conn., \$30; F. T., of N. Y., \$15; C. T., of N. Y., \$30; M. & B., of —, \$25; Z. W., of N. J., \$30; L. & B., of N. Y., \$30; R. H. L., of Pa., \$25; J. P. B., of Conn., \$30; A. C. A., of Conn., \$15; L. A. B., of N. Y., \$55; J. G., of Ga., \$30; C. O. L., of Vt., \$30; A. G., of Mass., \$25; A. E. B., of Mass., \$25; C. H. A., of N. Y., \$29; W. D. of Cal., \$150; G. & P., of Mich., \$30; J. W. R., of N. J., \$30; D. B. K., of Tex., \$40; T. E. L., of Wis., \$25; H. T. G., of Mass., \$25; R. W. S., of N. Y., \$25; W. S. W., of L. I., \$30; W. K. S., of La., \$30; J. McA., of N. Y., \$15; J. F. & E. W., of N. Y., \$30; E. G. C., of Pa., \$35.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Sept. 5, 1857:—

- W. D., of N. Y.; J. H. F., of Cal.; G. T. J., of Ga.; W. H., of N. Y.; St. J. & B., of N. Y.; H. T. G., of Mass.; W. & F., of Paris; J. F. & E. W., of N. Y.; N. E. B., of Mass.; C. H. A., of N. Y.; A. G., of Mass.; S. P. C., of N. Y.; T. E. L., of Wis.; E. G. C., of Pa.; A. C. A., of Ct.; A. J. C., of Ind.; Z. W., of N. J.; R. H. L., of Pa.; J. P., of Mich.; J. G., of Miss.

Literary Notices.

THE ECLECTIC MAGAZINE OF FOREIGN LITERATURE, for September, is received, with the usual freight of highly interesting and valuable selections. The contents include a history of the Christian Sabbath; a sketch from Loomis' "Progress of Astronomy," re-selected from the Westminster Review; an excellent article entitled "The Puzzles of Geology;" Irish Orators; King's Sword and King Pen, and various short articles. 144 pages monthly.

EMERSON'S UNITED STATES MAGAZINE, for September, is a good number. It contains an illustrated Life of Washington. The publishers of Putnam's Magazine, having suspended, that series will in future become merged in the United States Magazine. Terms per annum, \$3. J. M. Emerson & Co., publishers, 371 Broadway.

TERMS OF ADVERTISING.

Twenty-five cents per line each insertion. We respectfully request that our patrons will make their advertisements as short as possible. Engravings cannot be admitted into the advertising columns. * * * All advertisements must be paid for before inserting.

IMPORTANT TO INVENTORS.

AMERICAN AND FOREIGN PATENT SOLICITORS.—Messrs. MUNN & CO., Proprietors of the Scientific American, continue to procure patents for inventors in the United States and all foreign countries on the most liberal terms. Our experience is of twelve years' standing, and our facilities are unequalled by any other agency in the world. The long experience we have had in preparing specifications and drawings has rendered us perfectly conversant with the mode of doing business at the United States Patent Office, and with most of the inventions which have been patented. Information concerning the patentability of inventions is freely given, without charge, on sending a model or drawing and description to this office. Consultation may be had with the firm, between nine and four o'clock, daily, at their principal office, 128 Fulton street, New York. Our branch offices are corner of F and Seventh streets, Washington, D. C.; No. 56 Chancery Lane, London; 29 Boulevard Saint Martin, Paris, and 3 Rue Therienne, Brussels. Circulars of information concerning the proper course to be pursued in obtaining patents through our Agency, the requirements of the Patent Office, &c., may be had gratis upon application to the principal office or either of the branches. Communications and remittances should be addressed to MUNN & CO., No. 128 Fulton st., New York.

The annexed letter from the late Commissioner of Patents we commend to the perusal of all persons interested in obtaining patents.

Messrs. MUNN & CO., take pleasure in stating that while I held the office of Commissioner of Patents, MORE THAN ONE-FOURTH OF ALL THE BUSINESS OF THE OFFICE came through your hands. I have no doubt that the public confidence thus indicated has been fully deserved, as I have always observed, in all your intercourse with the office, a marked degree of promptness, skill, and fidelity to the interests of your employers. Yours, very truly, CHAS. MASON. August 14, 1857.

OIL! OIL! OIL!—FOR RAILROADS, STEAM-ENGINES, 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 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.

NEW HAVEN MANUFACTURING 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."

INSTRUMENTS.—NEW CATALOGUE, THIRD EDITION, with 250 Illustrations of Mathematical, Optical and Philosophical Instruments, furnished gratis and sent by mail, free of charge, to all parts of the United States. C. T. AMSLER, (formerly Amsler & Wirz,) 635 Chestnut st., Philadelphia, Pa.

SWISS DRAWING INSTRUMENTS.—A full stock of these celebrated instruments always on hand. Catalogue gratis. C. T. AMSLER, (formerly Amsler & Wirz,) Philadelphia, Pa.

PORTABLE STEAM ENGINES.—S. C. HILLS, No. 12 Platt street, N. Y., offers for sale these Engines, with Boilers, Pumps, Headers, &c., all complete, suitable for printers, carpenters, farmers, plasterers, &c. A 2 1/2 horse can be seen in store; it occupies a space 5 by 3 feet; weight 1,500 lbs.; price \$240; other sizes in proportion.

HARRISON'S 30 INCH GRAIN MILLS.—Latest Patent.—A supply constantly on hand. Price \$300. Address New Haven Manufacturing Co., New Haven, Conn.

AGENTS WANTED.—TO DISPOSE OF AN article lately invented. Sells readily; large profits. Samples, with terms, &c., sent by mail for 50 cents, in coin or stamps, or particular for 3 cents. WM. HART, Maysville, Dodge county, Wis.

THE PLANTERS' FOUNDRY FOR SALE.—For the low price of seven thousand dollars, one thousand in cash, the balance in one or two years, payable in work if the purchaser prefer. For further information address N. P. RIDER, Pattersonville, parish of St. Marys, La.

LINDSEY'S ROTARY FORCE AND LIFT PUMP.—The best pump for railroads, engines, wells and cisterns. Warranted to raise water 100 feet by hand. For drawings and prices address JAMES M. EDNEY, General Agent, 55 John street, New York.

SORGHO SYRUP AND BRANDY.—SAMPLES may be seen at No. 11 Old slip. For sale, Cane Mills, Distilleries, Sugar Pans and other apparatus. JOHN W. REED, Machinist and Copper Smith, No. 11 Old slip, New York.

DEPOT FOR PRATT'S PATENT APPLE-SLICER AND PAPER, No. 195 Pearl street, New York. I. S. CLOUGH, Agent. Dealers' orders promptly executed. Circulars sent by request, giving prices, &c.

WELCH & GRIFFITHS—ESTABLISHED 1830.—Manufacturers of Improved Patent Ground and Warranted Extra Fine Cast Steel Saws of the various kinds now in use in the different sections of the United States and the Canadas, and consisting of the celebrated Circular Saw, Graduated Cross Cut and Tenon, Gang, Mill, Pit, Segment, Billet and Fellow Saws, &c., &c. For sale at their warehouse, No. 4 Congress street, Boston, Mass.

A NEW AND SCIENTIFIC INVENTION.—Dr. Cheever's Galvano-Electric Regulator.—Patent issued January 15, 1856. A circular relating to the use of the instrument, embracing a general treatise of atony of the spermatic organs, the rest of which tends to softening the medullary substance of which the brain is composed, may be had gratis, and will be sent to any address by mail by their indicating a desire to receive it. All letters should be directed to Dr. J. CHEEVER, No. 1 Tremont Temple, Boston.

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 Gages, Allen & Noyes' Metallic Self-adjusting Conical Packing, Faber's Water Gauge, Sewell's Saliometers, Dudgeon's Hydraulic Lifting Press, Roehling's Patent Wire Rope for hoisting and steering purposes, Machinery Oil of the most approved kind, &c. CHARLES W. COPPLAND, Consulting Engineer, 64 Broadway.

CATALOGUE OF PATENTS.—NEW EDITION.—Showing the subject or title of every patent granted in this country prior to the present year, and the number granted under each title. Also, tables giving the whole number granted, and the number respectively to the residents of each State and country. Very interesting and useful to the inventor and mechanic. Price 25 cents. Address J. S. BROWN, Washington, D. C.

WASHINGTON IRON WORKS—MALLERY, RAINS & CO., and HIGHLAND IRON WORKS—STANTON, MALLERY, RAINS & CO., of Newburg, N. Y.—Are extensively engaged in manufacturing all kinds of Steam Engines, Machinery and General Mill Work. They are also partners of the firm of STANTON, SNOW & CO., Car Wheel Manufacturers, Newburg, N. Y., and are prepared to furnish Railroad Cars and Car Wheels of superior construction. From the cheapness of real estate and reasonable price of labor, as well as their great facilities of transportation by two railroads and the Hudson river, they are enabled to fill orders at the lowest prices and on the most reasonable terms.

MOULDER WANTED.—ONE THAT FULLY understands green and dry sand moulding, and is capable of getting up all the necessary fixtures for casting pipe in the most approved manner. Must be well recommended. Address "Coombs," office of the Scientific American, New York City.

\$1,000.—AN EQUAL HALF INTEREST in several new and valuable patents, will be sold cheap to a competent and responsible person, who will introduce them to the public. Address Box 87, Post Office, Brooklyn, N. Y.

DR. D. BREED, LATE ASSISTANT AND Acting Chief Examiner in the U. S. Patent Office, has established at Washington, D. C., a chemical laboratory for experiment and analysis, in order to test and improve processes of manufacture, and mechanical devices employed in the chemical arts, and to procure and defend patent rights. After many years devoted to chemistry, (having studied in the German laboratories,) Dr. Breed feels confident in offering his services as a practical chemist to inventors and others interested in the chemical arts and manufactures.

IRON PLANER FOR SALE.—A SECOND-HAND Iron Planing Machine; has been run but a short time; will plane ten feet long, three feet wide and three feet high. Cost \$800; will be sold for \$550 cash. Address GEORGE S. LINCOLN & CO., Hartford, Conn.

SAWS.—HOE & CO.'S PATENT GROUND SAWS, Planing, Trowels, &c., can be had, wholesale and retail, at the principal hardware stores, at the sales-rooms of the manufacturers, 29 and 31 Gold street, or at the works corner of Broome, Sheriff and Columbia sts., New York. Illustrated catalogues, containing prices and information interesting to sawyers generally, will be sent by post on application.

HARRISON'S GRIST MILLS.—20, 30, 36 AND 48 inches diameter, at \$100, \$200, \$300 and \$400, with all the modern improvements. Also, Portable and Stationary Steam Engines of all sizes, suitable for said Mills. Also, Bolters, Elevators, Belting, &c., &c. Apply to S. C. HILLS, 18 1/2 Bathst., New York.

MACHINERY.—STEAM ENGINES, ENGINE LATHES, IRON PLANERS, WOODWORTH PLANERS, SAW MILLS, and a variety of other machinery, for sale very low for cash, to close consignments by A. L. ACKERMAN, 163 Greenwich st., New York.

J. A. FAY & CO., WORCESTER, MASS., build the best improved Woodworth Planers and Matchers. Patented Aug. 11, 1867. Wrought iron cutter head and flexible mouth-piece; will plane from 1/4 to 4 inches thick.

CHANGE OF RESIDENCE.—VERGNES' Electro-Chemical Baths, 778 Broadway.—Prof. Vergnes, the inventor of these baths, celebrated for the cure of rheumatism and diseases generated by the absorption of mercury, or any other metallic medicine, informs the public and his friends that he has moved from 710 to 778 Broadway, where he attends to his baths personally, having no connection whatever with any other establishment in the city. Portable apparatus for sale, with all necessary instructions, including a new process for administering iodine, quinine, &c.

FOR SALE.—THE ENTIRE MACHINERY AND Real Estate of the Diamond Mills Manufacturing Co., will be sold at public auction on the 20th of October next, commencing at 10 o'clock, A. M., upon the premises, Lansingburgh, Rensselaer Co., N. Y., unless previously sold. For particulars address A. E. POWERS, President, Lansingburgh, N. Y.

L. D. GOODWIN'S CELEBRATED PATENT Central Vent Water Wheel.—For wheels or the right of territory, address J. W. DWIGHT, Dryden, N. Y., or E. C. BRAMHALL, 190 Fulton street, New York.

LAP-WELDED IRON BOILER TUBES.—Prosser's Patent.—Every article necessary to drill the tube-plates and set the tubes in the best manner. THOS. PROSSER & SON, 25 Platt st., New York.

THE BEST PLANING MACHINE IN THE WORLD.—Patented Nov. 21, 1854, and Nov. 13, 1855. These patents were obtained for improvements upon the celebrated Woodworth Planing Machine. They received a gold medal at the last exhibition of the Massachusetts Charitable Mechanics' Association. Machines of all kinds and sizes constantly on hand, which are warranted to give entire satisfaction, and to be superior to any now in use. For further information address the patentee, JAMES A. WOODBURY, No. 1 Scoley's Building, Court street, Boston, Mass.

THE BEST BOOKS TO SELL.—BOOKSELLERS, Agents and Newsmen will find a quick sale for those new hand-books, just published: HOW TO WRITE—HOW TO TALK—HOW TO BEHAVE—AND HOW TO DO BUSINESS. Price, free by mail, only 30 cents each, or the four in paper, \$1. Complete in one large gilt volume, \$1 50; now ready. Try them. Address FOWLERS & WELLS, 308 Broadway, New York.

PECK'S PATENT DROP PRESS.—THE best machine in use for stamping jewelry, ornaments, tinware, swedging iron, &c. A supply of all sizes on hand and made to order by the patentee, MILO PECK, New Haven, Conn. State rights for sale.

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STEAM ENGINES, STEAM BOILERS, Steam Pumps, Saw and Grist Mills, Marble Mills, Rice Mills, Quartz Mills for gold quartz, Sugar Mills, Water Wheels, Shafting and Pulleys. The largest assortment of the above in the country, kept constantly on hand by WM. BURDON, 102 Front street, Brooklyn, N. Y.

THE POLYTECHNIC COLLEGE OF THE State of Pennsylvania, West Penn Square, Philadelphia.—The Polytechnic College, incorporated by the Legislature, 1828, on the plan of the Industrial Colleges of Paris and Berlin, affords a thorough professional education in civil engineering, mining engineering, mechanical engineering, industrial, analytical and agricultural chemistry, metallurgy and architecture. Ample facilities are provided for field and laboratory practice, and assistant engineers may perfect themselves in any branch of their profession. The 15th Annual Session will commence on Monday, Sept. 27, 1857. Apply to Dr. A. L. KENNEDY, President of Faculty, Polytechnic College, Philadelphia.

WEST PHILADELPHIA CHEMICALWARE Factory.—Acid and fire-proof ware of all shapes and sizes, up to 200 gallons, made to order; warranted to resist acids of all kinds, and stand changes of temperature, from extreme heat to cold. MORO PHILLIPS, 27 North Front st.

SECOND-HAND MACHINISTS' TOOLS.—Consisting of 20 Engine Lathes, 9 Iron Planers, 4 Upright Drills, Hand Lathes, Chuck Lathe, Gear Cutters and Vices, all in good order, and for sale low for cash. For particulars, address FRANKLIN SKINNER, 14 Whitney avenue, New Haven, Conn.

5,000 AGENTS WANTED.—TO SELL three new and unequalled inventions, wanted and selling everywhere. My agents have cleared over \$20,000 on them. Diplomas, silver medal and four patents granted on them. For four stamps you'll receive forty pages particulars. Best agency in the country. EPHRAIM BROWN, Lowell, Mass.

THE TENTH ANNUAL EXHIBITION OF the Maryland Institute, Baltimore, will be opened on the 29th of September, and continue to the 29th of October, 1857. Goods for competition and premiums will be received from the 22d to the 24th of Sept., inclusive, afterwards for exhibition only. Mechanics, manufacturers, inventors, artists and others of the entire country, are respectfully solicited to contribute to the same, and assured that every effort will be made to display their works to the best advantage. Circulars containing rules, regulations, &c., will be promptly furnished by application to JOHN S. SELBY, Secretary. JOSHUA VANSANT, Chairman.

FOR SALE AT FLUSHING, LONG ISLAND, N. Y.—The business and machinery of John N. Quarterman's estate, consisting of a six-horse power steam engine, a ten-horse power boiler, lathes, saws, boring and drilling machines, rounding machines, saws for scroll work, and a machine for making shovel, coal-hod and pail handles, together with all the tools and fixtures. The business has been established from the year 1851, and to an ingenious mechanic opens a good prospect. For particulars apply to JAMES QUARTERMAN, 14 John street, New York, or to SAKAH ANN QUARTERMAN, Flushing, L. I., who resides on the place.

E. G. CUSHING'S UNEQUALLED STRAW and Stalk Cutter.—For finished work, or the right of territory, address the inventor, Dryden, Tompkins county, N. Y.

CAST STEEL WIRE DRAWING.—AT THE Union Works, Paterson, N. J. Orders solicited and carefully filled by CHAMBERLIN & CO.

WOODWORTH'S PATENT PLANING MACHINES, of every kind and all prices. A large assortment on hand; and I am prepared to construct any machine to order, from ten days to two weeks, and guarantee each machine to be perfect in its construction, and give purchasers entire satisfaction. The patent has expired, and will not be renewed. I make this business exclusive, manufacturing nothing but the Woodworth Machines, and for that reason can make a better article for less money, and with my fifteen years' experience I fully guarantee each machine to come up to what I am willing to recommend, that is, that each machine shall be more than equal to any other manufactured for the same price. JOHN H. LEISTER, 57 Pearl street, Brooklyn, N. Y., three blocks above Fulton Ferry.

STEAM PUMPS, BOILER FEED PUMPS, Stop Valves, Oil Cups, Cocks, Steam and Water Gages, sold by JAMES A. MORSE & CO., No. 79 John street, New York.

BOILER FLUES—ALL SIZES, AND ANY length desired, promptly furnished by JAMES O. MORSE & CO., No. 79 John street, New York.

WROUGHT IRON PIPE—PLAIN AND GALVANIZED, sold at wholesale, by JAMES O. MORSE & CO., No. 79 John street, New York.

ENGRAVING ON WOOD AND MECHANICAL DRAWING, by RICHARD TEN EyCK, Jr., 128 Fulton street, New York, Engraver to the Scientific American.

PEARSON CROSBY'S PATENT RE-SAWING MACHINES.—The Crosby patent for re-sawing lumber, having been re-issued April 24, 1857, and having purchased the right to the same for the State of New York and Northern Pennsylvania, the subscriber is prepared to sell rights to use the machines in the greater portion of the above named territory, and also to furnish the public with these machines. Having re-built my machine manufactory—which was destroyed by fire on the 9th of February last—I continue to manufacture and have on hand for sale, Woodworth's Patent Planing Machines, from \$150 to \$1,500, and of a quality unequalled by any other manufacturer. Also the separate parts of this machine, namely, planing knives, side tools, side cutter-heads, cylinders, &c., as well as the above named Crosby Re-sawing Machines. JOHN GIBSON, Planing Mills, Albany, N. Y.

TO INVENTORS AND MANUFACTURERS.—Rooms with power, for the exhibition of machinery, can be had in the Depot Buildings, corner of Elm and Franklin streets, New York. The location is extremely desirable for its prominence and convenience to the business part of the city. Apply to T. BENNETT, on the premises.

MACHINE BELTING, STEAM PACKING, ENGINE HOSE.—The superiority of these articles, manufactured of vulcanized rubber, is established. Every belt will be warranted superior to leather, at one-third less price. The Steam Packing is made in every variety, and warranted to stand 300 degs. of heat. The hose never needs oiling, and is warranted to stand any required pressure; together with all varieties of rubber adapted to mechanical purposes. Directions, prices, &c., can be obtained by mail or otherwise, at our warehouse. NEW YORK BELTING AND PACKING COMPANY. JOHN H. CHEEVER, Treasurer, No. 6 Dey street, New York.