

TO CORRESPONDENTS.

F. & P., of Mass.—We cannot spend the time to search our files for the information you want.

C. R. Barnes, of Hebron, Wis.—Wishes to procure a machine for turning axe handles and spokes, also a machine for sawing out barrel staves.

F. C. M., of Mass.—It is not new to brake up a train of cars by forcing down the brakes by the action of the bumpers when they come together.

J. F. L., of N. Y.—Your model has arrived, and our engravers are already at work on the cut, which will appear in the paper in about three weeks.

Fisher & Agnew, of Columbia, S. C., desire to obtain the address of the owners of Leavitt's Corn and Cob Mill, patented in 1855.

Wykoff & Bro., Ripon, Wisconsin, wish to correspond with a manufacturer of door plate frames intended for glass fittings.

R. E. J., of Ala.—A lotion composed of alcohol and potash ly applied to ring-bone in a horse, and kept on it with a cloth, is stated to have cured the disease.

A. E. D., of Mo.—The magneto-electric machine has been applied to telegraphing, and also electro-plating, but it has not answered so well as the battery.

A. E. P., of N. Y.—You state that heat is an "imponderable body;" well, what is an imponderable body?

S. A. S., of Vt.—The paper for Bain's telegraph may be prepared for some hours before it is used, if it is prevented from evaporating the moisture.

B. W., of Miss.—Your requests to send you the Sci. Am. and wait for our pay, and to publish gratuitously, "for the general benefit of our readers," your business card, which would be worth, at our rates, nearly \$4 each insertion.

Isaac Simmons, of Baltimore, Md.—Wants the best machine in use for turning spokes. Also a machine for riveting staves, and a machine for cutting down standing trees who can meet Mr. Simmons's wants.

J. H., of N. J.—By addressing I. M. Singer & Co., this city, you can get the information you want about Morey & Johnson's Rotary Sewing Machine.

H. G. B., of Mich.—When did that notice appear in the Sci. Am. to which you refer? It is a long time back it would be useless to recur to it again.

A. C. C., of Tenn.—The best coal stove for heating, now in use in this city is named "Stanley's Patent."

L. W., of Ct.—Our ladies have tried your invention for protecting the fore finger of the left hand from the point of the needle while sewing, and they do not speak of it in very flattering terms.

T. W. K., of Miss.—You should make application to Mr. F., at St. Louis, as he is probably the owner of the right of the stove.

L. C., of Va.—We think your piston packing is new, and that a patent might be secured on it.

N. N., of Ill.—We do not know the market value of hush prepared for mattresses, but if you will write to Messrs. Mellen, Banks, and Pomeroy, No. 372 Broadway, New York, they can supply you with the information you want.

T. E. K., of Ga.—If the sediment in your steam boiler is only mud, you can easily remove it by "blowing out."

R. M. Wallace, of Germanville, S. C.—Wishes to purchase at wholesale, iron hubs for wagons, carriages, and buggies, also felloes, springs, clamps, etc.

J. H. E. S., of Pa.—The best articles on the subject of "Stame" we have ever seen are those published in Vol. 5, Sci. Am., but perhaps we are prejudiced unduly in their favor.

G. E., of Wis.—Your plan for a head rest adaptable to seats of railroad cars is not new.

F. P. R., of Mass.—In the very letter in which you make the inquiry you state where the books may be had.

E. G., of Ohio—Agitation of milk kept at a proper temperature is all that is necessary to produce butter.

P. C., of Ill.—Hollow grate bars for allowing a current of water to pass through for protecting them from the action of the heat are used in Dimpfel's coal burning locomotive.

J. L., of Ohio—Your letter will be noticed in a week or two.

Money received at the SCIENTIFIC AMERICAN Office on account of Patent Office business for the week ending Saturday, Feb. 2, 1856.—

R. G. P., of N. Y., \$30; H. N. DeG., of N. Y., \$27; S. H., of Ind., \$30; H. & A., of Mo., \$30; W. M., of N. Y., \$30; J. S. & Co., of N. Y., \$30; A. H. H., of N. Y., \$25; O. L. R., of N. H., \$15; J. A. W., of Iowa, \$30; M. P., of N. Y., \$55; W. & D., of N. Y., \$35; J. B. E., of N. Y., \$20; A. A., of Del., \$10; W. W. A., of N. Y., \$55; A. S., of N. Y., \$150; S. P. C., of N. Y., \$30; H. B., of Vt., \$25; B. & S., of Pa., \$30; J. F. M., of Conn., \$30; J. E., of Ga., \$30; E. D., of Mich., \$30; J. M., of Pa., \$45; C. E. & C. D., A., of N. J., \$60; J. D., of N. Y., \$30; J. G. McM., of N. Y., \$30; A. P., of N. Y., \$25; G. H. W., of N. Y., \$25; H. T., of Ill., \$25; D. F. S., of Ill., \$27; D. A. P., of C. W., \$250; W. H. P., of N. J., \$25; M. M., of R. I., \$30; J. D., of Ind., \$55; P. M., of Ill., \$30; H. W. A., of N. Y., \$15; G. & H., of N. Y., \$30; M. & B., of N. Y., \$25; S. & L. of N. Y., \$25.

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

W. & D., of N. Y.; A. H. H., of N. Y.; H. N. DeG., of N. Y.; A. P., of N. Y.; J. E., of Ga.; M. & B., of N. Y.; S. & L., of N. Y.; A. N., of Pa.; J. B. E., of N. Y.; J. H., of N. Y.; H. H. T., of Ill.; G. H. W., of N. Y.; D. F. S., of Ill.; H. B. S., of Vt.; B. & F., of N. Y.

Literary Notices.

THE BIBLIOTHECA SACRA—This profound theological review for this quarter contains a great essay on "Science and the Bible," by Prof. Dana, of Yale College.

THE KNICKERBOCKER—The present number of "old Knick" is a capital one. It contains some good stories, poetry, and a fine account of a hunt in "John Brown's Tract," in the wilds of Northern New York.

PURNAM'S MONTHLY—The leading article of this magazine for February is on "Washington in Boston," sixty six years ago.

THE DRESS AND CUSTOMS OF THE PEOPLE OF BOSTON AND ITS VICINITY, AS THEY APPEARED IN THE SEVENTEENTH CENTURY.

Advertisement exceeding 16 lines cannot be admitted, neither can engravings be inserted in the advertising columns at any price.

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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 in 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. Modest fees can be sent with safety from any part of the country by express. In this respect New York is more accessible than any other city in our country.

Circulars of information will be sent free of postage to any one wishing to learn the preliminary steps towards making an application.

In addition to the advantages which the long experience and great success of our firm in obtaining patents presents to inventors, they are entitled to 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 very large proportions of the patents applied for in the U. S., go through our agency.

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

N. AUBINS UNIVERSAL PORTABLE GAS BEER-RAKOR Patent granted Sept. 26, 1854, and Jan. 8, 1856. For factories, hotels, country houses, villages, &c. Warranted as more simple and economical than any other known apparatus.

CIRCULAR SAW MILLS—of improved construction, lever and pinion set, with guide for saws, furnished ready for the belt, with 4 feet saw \$350, 41.2 feet saw \$400, 5 feet saw \$450. One man can cut easily 1000 feet in 24 hours.

SCIENTIFIC WORKS—Published by D. Appleton & Co., No. 346 and 348 Broadway, New York.

BOILERS FOR SALE—3 cylinder boilers, 44 inches diameter, 30 feet long, with 2 1/2 inch flues, each with steam drums 36 inches diameter and 5 feet high.

SCHENK MACHINERY DEPOT—No. 163 Greenwich street, New York, keeps always on hand Lathes, Planers, Drills, Steam Engines, Woodworth's Patent Planing Machines, Belting, &c., in great variety.

TECHNICAL DICTIONARY—In the English, French, and German Languages, by Messrs. TOLLHAUSEN & GARDISSAL, Civil Engineers.

CIRCULAR SAW—We respectfully call the attention of manufacturers of lumber to the great improvements recently introduced in the manufacture of our Circular Saws.

PORTABLE STEAM ENGINES.—S. C. HILLS, No. 12 Platt st., N. Y., offers for sale these Engines, with Boilers, Pumps, Heaters, etc., all complete, and very compact.

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.

NEW READY-NEW AND VALUABLE BOOK ON Engineering.—"Pocket Book for Railroad and Civil Engineers," containing new, exact, and concise methods for laying out railroad curves, switches, frog angles and crossings; the staking out of work, leveling, the calculation of cuttings and embankments, earthwork, &c.

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.

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

ANDREWS & JESUP—Commission Merchants Cotton and Woollen Machinery, Steam Engines, Machinists' Tools, Belting, &c., and are for sale low for cash or approved paper.

NEW HAVEN MFG. CO.—Machinists' Tools, Iron Planers, Engine and Hand Lathes, Drills, Bolt Cutters, Gear Cutters, Chucks, &c., on hand and finishing.

HARRISON'S GRAIN MILLS—Latest Patent.—\$1000 reward offered by the patentee for their equal. A supply constantly on hand. Liberal Commissions paid to agents.

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 the Mining and Civil Engineering. Office 25 Fleet street, London. Price \$6.50 per annum.

ROCK DRILL.—The American Rock Drill Co. invite attention to their superior machines, adapted for all kinds of rock work in quarries and mines, and especially for artesian wells.

TWO COTTON MANUFACTURERS.—VOGT & ZOLLTROFFER, 205 Market St., Philadelphia, offer for sale at manufacturers' prices, Warring Mill of 130 and 120 eyes. A liberal discount for cash will be allowed.

VAIL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, Bogardus' Horsepowers, Smut Machines, Saw and Grist Mill Irons and Gearing, Saw Gums, Ratchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch.

IMPORTANT INVENTION—Patented August 14th, 1855. "Garratt's Metal" for Journal Boxes of all kinds, it is anti-friction, absorbs the oil, not liable to break, it can be made cheaper than either brass or Babbitt metal, and after many long and severe tests, has been found to surpass all other metals ever used for this purpose.

1855-6.—WOODWORTH'S PATENT Machines.—The subscriber is constantly manufacturing, and has now for sale the best assortment of these unrivaled machines to be found in the United States.

DISSOLUTION.—The firm of Morse, Stansbury & Co., of New York, is dissolved under the articles of agreement, by the retiring of the undersigned, who is no longer connected with any firm in the United States.

MACHINISTS' 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.

W. P. N. FITZGERALD, Counsellor at Law—late Principal Examiner in the U. S. Patent Office—has removed from Washington, D. C. to the city of New York, 271 Broadway, (corner of Chambers St.)

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.