

TO CORRESPONDENTS.

E. S. P., of N. C.—Your letter, covering sample of ore, has been received, but we have not had an opportunity of thoroughly investigating the matter yet. We think the sample sent is composed principally of pyrites, but it may contain other more valuable miners, which we have not yet discovered.

W. L. B., of Boston—Fifty-two numbers of the Scientific American complete a volume. We can furnish the back numbers of the present volume. You can obtain the numbers at No. 13 Court st.

A. S., of Hartford—You will find a receipt for marking varnish on page 107, Vol. 6, Sci. Am.

A. H., of Eng.—We do not think it advisable for you to make an application here on the boiler. The arrangement is slightly different from Montgomery's, and he could prevent you from using yours in connection with his.

E. E., of N. Y.—The Patent Office does not make original drawings, or attend to answering any questions concerning the novelty of inventions. Many inventors write to the office under an erroneous impression in this respect, and are consequently disappointed in receiving no reply. Correspondence with the Examiners or other subordinates is strictly prohibited.

R. H. G., of Mass.—If a patent has expired before application for extension is made, or if such application be made short of the sixty day's notice now required by law, the Office can afford the inventor no relief. If he desires a renewal of his patent, his remedy is to be found only in a special act of Congress.

G. F. P., of La.—As long ago as 1846 (Vol. 2, page 49, Sci. Am.) we published diagrams of an apparatus for heating and also for ventilating railroad cars, which we should judge from your diagram embraced the whole features of your invention.

T. D., of Ala.—The model of the agitator is received, and will be reported on immediately. You will hear from us by mail.

R. E., of Va.—We are fully aware that the patent in question is not in possession of the original patentee. It was lost to him by prior proof of another inventor, and we have no doubt justice was done.

E. C. L. of Me.—We have high authority for the remarks addressed to you a month since. In a late publication of Liebig he assumes the same position.

J. H. B., of Mich.—We duly received your letter of June 25th. Your subscription we have marked up to No. 26, next volume.

J. H. M., of New Orleans.—We send your package of back numbers per steamer Benjamin Franklin. Your subscription expires now with No. 26, next volume.

A. N. M., of Savannah.—We are unable to state how much a working drawing will cost. Wm. Burden, of Brooklyn, can give you all the required information.

G. F. D., of N. Y.—You certainly had better provide yourself with Borden's Patent Meat Biscuit. You will have 400 per cent. more nutriment in the same bulk by purchasing the article above recommended, than by supplying yourself with any kind of preserved meats that we know of.

R. S. M., of Mass.—We have not been able to discover the advantages of your machine over Mr. —'s, but there is no question but what you can obtain a patent notwithstanding.

F. B., of C. W.—We think there is, none of the articles referred to arrived in this country yet, but if you wish us to order some we will instruct our Paris agents to obtain them by your depositing with us the cost, which we believe is about 200f. (\$40.)

Money received on account of Patent Office business or the week ending Saturday, July 3:

R. L. & H. W. O., of Ct., \$30; D. G., of Vt., \$25; D. P. G., of Ind., \$20; S. G., of N. Y., \$20; T. H. D., of N. H., \$70; H. C., of Ky., \$40; A. J., of Me., \$25.

An Important Paragraph.

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- Of Volume 5, all but 4 numbers, price, in sheets, \$1.
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- Of Vol. 7, all back numbers at subscription price.

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Persons desiring the claims 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 one dollar as fee for copying.

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American and Foreign Patent Agency

IMPORTANT TO INVENTORS.—The undersigned, having for several years been extensively engaged in procuring Letters Patent for new mechanical and chemical inventions, offer their services to inventors upon the most reasonable terms. All business entrusted to their charge is strictly confidential. Private consultations are held with inventors at their office from 9 A. M. until 4 P. M. Inventors, however, need not incur the expense of attending in person, as the preliminaries can all be arranged by letter. Models can be sent with safety by express or any other convenient medium. They should be not over 1 foot square in size, if possible.

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TO STEAM ENGINE BUILDERS, OWNERS, AND ENGINEERS.—The subscriber having taken the agency of Aschroft's Pressure Gauges, would recommend their adoption to those interested. They have but lately been introduced into this country, but have been applied to many of our first-class river and ocean steamers, and on several rail roads, on all of which from their simplicity, accuracy, and non-liability to derangement, they have given the utmost satisfaction. CHAS. H. COPELAND, Consulting Engineer, 64 Broadway, N. Y. 43 5*

REJECTION OF LANGDON'S APPLICATION, noticed in the last Scientific American—nearly 40 pages. I will send one copy, post-paid, for eight three cent stamps, or 50 copies by Express for \$5. The information contained is useful and important to patentees. Address GEO. W. BEARDSLEE, Albany, N. Y. 43 2

SCIENTIFIC AMERICAN—One set of Vols. 2, 3, 4, and 5, bound, can be had on application at this office. It is a rare chance to obtain the set.

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FOR SALE—One Power Mortising Machine; one Toggle Joint Envelope Press, and one Press for cutting, stamping, and piercing, with feed motion attached, all new and in good order, by CARPENTER & PLASS, corner of Hester and Elizabeth sts., N. Y. 42 2*

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WANTED TO PURCHASE—One Wool Card (single cylinder will do) for making rolls for hand spinning. Any person having one to dispose of may state the width, number of workers and strippers, condition of clothing, price, etc.; a second-hand one would do if not much worn. Address, post-paid, JOB RUSSELL, Lewisville, Chester Dis., S. C. 41 3*

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AARON KILBORN, 4 Howard street, New Haven, Ct., manufactures Steam Engines, Shafting, Presses, Fan Blowers, Lathes, Planers, Artesian Wells, Chain and Force Pumps, Pipe, Heating Apparatus for Houses, etc. 42 10*

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MARYLAND INSTITUTE FAIR—The Board of Managers of this Institute will hold the Fifth Annual Exhibition in the Grand Saloon of the Institute Building, in the city of Baltimore, commencing on the 4th day of October next. The great facility thus afforded for a splendid display of American Manufactures, they hope, will be a sufficient inducement for the Manufacturers, Mechanics, Artists, Inventors, and others throughout the United States, to contribute such specimens of their industry, skill, and ingenuity, as shall be alike honorable and creditable to the mechanical genius and refined taste of the country. The Hall will be open for the reception of goods on Monday the 27th Sept. next, from which time to Thursday night, Sept. 30, articles intended for competition and premium must be deposited. The balance of the week will be devoted to the reception of articles intended for exhibition only, free of charge. After which time depositors will be subject to a charge of 50 cents to \$1. On Monday, Oct. 4, at 7 o'clock, P. M., the Exhibition will be open for the reception of visitors. Circulars containing the regulations and arrangements established by the Standing Committee on Exhibitions, can be had by addressing (post-paid) JOHN S. SELBY, Actuary of the Maryland Institute, by whom any information required will be promptly given. 39 7

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TO CARPENTERS AND DEALERS IN PATENT RIGHTS—The whole right and title to the Patent Blind and Shutter Fastener, which was illustrated in No. 37 Vol. 7 of the Scientific American, will be sold cheap to a cash customer, or the owner of the patent will sell single States (not in smaller quantities) if desired. The invention is a good one; the claims are broad, and it is not an infringement of any existing patent, as decided by parties who have investigated the matter thoroughly. For particulars concerning the purchase of rights, etc., address "DESAIX," box 773, P. O., New York City. 41 3*

LATHES FOR BROOM HANDLES, Etc.—We continue to sell Alcott's Concentric Lathe, which is adapted to turning Windsor Chair Legs, Pillars, Rods and Rounds; Hoe Handles, Fork Handles and Broom Handles.

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