

CORRESPONDENTS

C. A., of N. Y.—Your several concentric tubes of thin metal with the spaces filled with cement...

H. P., Jr., of Tenn.—Yes, there has been several machines patented for sowing lime broadcast.

H. K. Alexander, of Pekin, Ill., writes that he has an inexhaustible supply of bituminous coal...

V., of N. Y.—We suspect you are half right regarding Cremona violins. They are, perhaps, estimated like old coins and medals...

A. R. D., of Mass.—In making sugar from starch employ two and a half parts of sulphuric acid...

M. B., of N. Y.—Can you not give us more minute information respecting the application of the waste heat of smelting furnaces to generate steam...

J. C., of N. H.—Sulphuric acid and water is the liquid which is employed to remove scale from iron castings in foundries.

T. W., of Ill.—The ventilation of houses is a subject on which it is very difficult to give advice...

L. B. T., of Pa.—Your stone cutting machine, as far as shown, is not new or patentable.

S. R., of Ky.—We advise you not to go on a hunting expedition to Africa in search of ivory.

C. T. M., of R. I.—You can drive a rotary pump by forcing water into it from a reciprocating pump...

V. R. S., of N. Y.—We cannot tell you where to obtain spring steel 1-4 inch wide and L3 inch thick.

J. W. H., of Mass.—Wine is made by pressing the grapes, then fermenting the juice in vats kept in a cellar...

W. R. A., of Pa.—You will find a description of the syphon in every elementary work on hydraulics.

E. B., of Pa.—Brushes constructed after the manner of fountain pens are not new or practically feasible.

C. E., of Ill.—We are happy to hear that you are in prospect of disposing of your patent on so good terms.

E. M. R., of Pa.—We consider D. K. Clarke's work on Locomotives the best yet published.

B. S. H., of N. C.—The price of volumes 6 and 7 is \$4. It will cost less to send them by express than by mail.

H. S., of Pa.—We are out of No. 33, this volume.

C. H. G., of —We hope your discovery for casting gun barrels around "a round hole," as described, will prove of immense advantage to you.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, June 13, 1857.

C. C. W., of N. Y., \$30; G. V. B., of Mo., \$20; F. & M. of Mass., \$60; W. M. S., of N. Y., \$400; J. B., of N. Y., \$275; S. Van S., of N. Y., \$100; D. W. H., of Mo., \$25; C. F. B. E., of Texas, \$25; C. S., of O., \$55; J. D. M., of Mass., \$65; T. E. C. B., of Ky., \$15; J. S. T., of Md., \$250; H. H., of N. Y., \$30; A. C. C., of Mich., \$20; J. O., of Md., \$30; C. H. E., of Wis., \$30; A. J. & J. A. F., of Vt., \$30; S. R. H., of N. Y., \$30; J. C. McD., of O., \$25; S. & B., of N. H., \$100; B. & McC., of Va., \$25; N. S., of N. Y., \$50; J. K., of N. J., \$25; J. F. H., of N. Y., \$25; J. H., of N. Y., \$15; E. L., of N. J., \$25.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 13, 1857.

A. F. H., of N. Y.; J. C. H., of N. Y.; J. S., of O.; C. F. B. E., of Texas; A. C. C., of Mich.; D. W. H., of Mo.; E. L., of N. J.; B. & McC., of Va.; R. H. T., of N. Y.; O. & S., of N. Y.

TO PATENTEES AND ASSIGNEES.

Letters Patents belonging to the following parties are remaining at our office uncalled for, and we would thank the inventors or assignees who have an interest in the inventions which they represent, to order them away, and thus relieve us the care and space of storing them.

- Thomas Hopper. C. L. Adancourt. T. G. Child. C. B. Brown. William Benjamin. H. Waterman. J. Robinson (2). A. Duboce. B. T. Babbitt. M. Smith. Holmes & Butler (2). J. L. Morgan. McNab & Carr. C. G. Best. S. B. Godfrey. S. Bull. S. T. Field. W. Hussey. A. Stoner. Henry Harrington. James Greenhalgh, Sen. S. S. Hurlbert. J. C. fr Solomon (2). John Parry. J. Andrews. J. B. S. Hadaway. O. Rice. B. F. Cook. G. H. Wood. W. C. Palmer. W. H. Towler. A. C. Palmer. W. H. Walter. Linus Yale. J. G. Ernst. Hughes Menry. C. Green. J. L. Mardeman. John L. Mason. J. P. Burgin. Thomas Durden. E. Emmert. A. M. Glover. W. F. B. Read. Z. A. Butts. J. N. Mitchell. D. Woodbury. V. & McCormick. S. Hull.

Important Items.

COMPLETE SETS OF VOLUME XII EXHAUSTED.—We regret that we are no longer able to furnish complete sets of the present volume. All the back numbers previous to No. 27 are entirely exhausted.

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