

COMMUNICATIONS RECEIVED.

The Editor of the SCIENTIFIC AMERICAN acknowledges, with much pleasure, the receipt of original papers and contributions upon the following subjects:

- On Aerial Navigation. By G. W. M.
On Grinding Plane Irons. By A. C.
On Some New Dyes. By A. D.
On Gongs. By C. I.
On Feathering Arrowheads. By R. K. Y.
On the Divining Rod. By W. C.
On Swinging Saloons. By W. S. T.
On the Phylloxera. By M. L. R.

Also enquiries and answers from the following:

S. F. B.—H. E. C.—A. A. F.—L. F. W.—N. A. H.—J. C.—J. W. D.—W. D. D.—A. G.—C. H. S.

HINTS TO CORRESPONDENTS.

Correspondents whose inquiries fail to appear should repeat them. If not then published, they may conclude that, for good reasons, the Editor declines them. The address of the writer should always be given.

Enquiries relating to patents, or to the patentability of inventions, assignments, etc. will not be published here. All such questions, when initials only are given, are thrown into the waste basket, as it would fill half of our paper to print them all; but we generally take pleasure in answering briefly by mail, if the writer's address is given.

Hundreds of enquiries analogous to the following are sent: "Who makes a pulverizer, suitable for powdering dry manure? Whose is the best process for drying lumber by exhaust steam?" All such personal enquiries are printed, as will be observed, in the column of "Business and Personal," which is specially set apart for that purpose, subject to the charge mentioned at the head of that column. Almost any desired information can in this way be expeditiously obtained.

[OFFICIAL.]

Index of Inventions

FOR WHICH

Letters Patent of the United States WERE GRANTED IN THE WEEK ENDING November 3, 1874, AND EACH BEARING THAT DATE.

[Those marked (r) are reissued patents.]

Table listing various inventions with their patent numbers, such as Alarm, electro-thermo fire, E. J. Frost, 156,500; Amalgamating machine, S. F. Clouser, 156,410.

Table listing various inventions with their patent numbers, such as Corn-husking machine, W. D. Jones, 156,422; Cultivator, J. Hall, 156,482.

Table listing various inventions with their patent numbers, such as Spinning rings, making, C. E. Trowbridge, 6,115; Spool, Darrow & Wait, 156,418.

APPLICATIONS FOR EXTENSION.

Applications have been duly filed and are now pending for the extension of the following Letters Patent. Hearings upon the respective applications are appointed for the days hereinafter mentioned:

- 31,324.—Looms.—W. Meerkland. January 20.
31,337.—REVERBERATORY FURNACE.—J. Reese. Jan. 20.
31,546.—POLISHING IRON.—B. Lauth. February 10.

EXTENSIONS GRANTED.

- 30,591.—DOOR LATCH.—T. Slaughter.

DESIGNS PATENTED.

- 7,814.—STOVE.—W. P. Abendroth, Port Chester, N. Y.
7,815.—PICTURE HOLDERS.—J. Barnes et al., Gilman, Ill.
7,816 to 7,819.—CARPETS.—R. R. Campbell, Lowell, Mass.

TRADE MARKS REGISTERED.

- 2,046.—LUBRICATING OILS.—Am. L. O. Co., Cleveland, O.
2,047 & 2,048.—NURSING BOTTLES.—M. S. Burr & Co., Boston, Mass.
2,049 & 2,050.—PLOW.—E. E. Lummus & Co., Boston, Ms.

SCHEDULE OF PATENT FEES.

Table listing patent fees: On each caveat, \$10; On each Trade Mark, \$25; On filing each application for a Patent (17 years), \$15.

CANADIAN PATENTS.

LIST OF PATENTS GRANTED IN CANADA, NOVEMBER 7 to 14, 1874.

- 4,026.—L. A. Dessaulles and Wm. Murphy, Montreal, Can. Améliorations aux cellets servant au passage des lacets pour fermer les chaussures, dits "Oeillets pour Lacer les Chaussures." (Improvements on Eye-lets for Boots.) Nov. 7, 1874.
4,027.—W. Shaver, Kemptville, Ont. Improvement on attachments for sewing machines, called "Shaver's Attachment for Sewing Machines for Laces, Braids, etc., with Hem." Nov. 7, 1874.

- gas, called "Absterdam's Process for the Manufacture of Illuminating Gas." Nov. 7, 1870.
4,036.—J. Bird, Naugatuck, New Haven county, Conn., U. S. Improvements on self-binding pulley blocks, called "Bird's Eccentric Pulley Block." Nov. 7, 1874.
4,037.—J. Judson and W. A. Cogswell, Rochester, Monroe county, N. Y. U. S. Improvement on steam governors, called "The Judson Steam Governor." Nov. 7, 1874.

Advertisements.

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