

COMMUNICATIONS RECEIVED.

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

- On Plumbers. By C. C. D.
On the Sczaroch. By C. R. S.
On the Crystallization of Carbon. By W. T.
On a Small Engine. By H. D.
On Life and Matter. By R. L.
On the Phylloxera. By J. L.
On Machinists' Tools. By C. M. B.
On Practical Mechanism. By R. E. W.
On the Jewish Race. By S. E.

Also enquiries and answers from the following:

- T. J.—A. W.—W. H. B.—C. S.—J. J.—A. R. T.—T. B.—D. S. H.—C. I.—J. H. F.

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Enquiries relating to patents, or to the patentability of inventions, assignments, etc., will not be published here.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 watch and clock springs? Where can sharpeners for cotton gins be obtained? Who sells celestial maps? Where can hand machines for making cordage be bought? Who sells artificial insulators? Which is the best battery for telegraph sounders? Where can small malleable iron castings be procured? Who sells glass oil cups? Who makes a cow milking machine? Where can filters for maple sirup be obtained?" 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

September 29, 1874,

AND EACH BEARING THAT DATE.

[Those marked (r) are reissued patents.]

Table listing inventions with names and dates, including Alarm, grist, J. H. Curtis, Ammonia, treating, Elwert et al., Anchor, J. T. Fewkes, etc.

Table listing inventions with names and dates, including Clock-winding ratchet, G. H. Blakesley, Clothes pounder, B. F. Frey, Clutch, rope, T. J. Byrne, Cock, electro-magnetic stop, Coe & Fliske, etc.

Table listing inventions with names and dates, including Table, ironing, W. G. Donnell, Tobacco, treating, P. M. Rivero, Toy catapult, T. M. Fitch, etc.

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.

EXTENSIONS GRANTED.

- 30,191.—PAPER BAG MACHINE.—H. G. Armstrong.
30,215.—HARVESTERS.—T. N. Foster. Two patents.
30,233.—MARTINGALE RING.—De W. C. Lockwood.
30,234.—PLANING VALVE SEATS.—C. B. Long.

DISCLAIMERS.

- 16,648.—WAGON GEARING.—E. Huson.
30,191.—PAPER BAG MACHINE.—H. G. Armstrong.
102,462.—COOKING STOVE.—R. M. Hermance.
149,045.—WHIP SOCKET FASTENER.—G. L. Laflin et al.

DESIGNS PATENTED.

- 7,777.—PRINTING TYPE.—H. Ihlenburg, Philadelphia, Pa.
7,778.—PRINTING TYPE.—P. A. Jordan, Philadelphia, Pa.
7,779 to 7,781.—GRAVE GUARD.—A. Rank, Salem, O.
7,782.—SHIRT.—H. Heath, Brooklyn, N. Y.
7,783 and 7,784.—PRINTING TYPE.—H. Ihlenburg, Phila., Pa.
7,785.—OIL RESERVOIR.—L. F. Smith, Philadelphia, Pa.

TRADE MARKS REGISTERED.

- 2,000.—FERTILIZERS.—Baugh & Sons, Philadelphia, Pa.
2,001.—FLAX WEBBING.—Boston Mills, Boston, Mass.
2,002.—HAT TIPS.—Christy & Co., London, England.
2,003.—EYE BALMS.—W. M. Olliffe, New York city.
2,005.—WHISKY.—Shields & Co., Cincinnati, O.

SCHEDULE OF PATENT FEES.

Table with 2 columns: Description of fee and Amount. Includes On each caveat, On each Trade Mark, On filing each application for a Patent (17 years), etc.

CANADIAN PATENTS.

LIST OF PATENTS GRANTED IN CANADA, SEPTEMBER 30, to OCTOBER 6, 1874.

Table listing Canadian patents with numbers, names, and dates, including 3,880.—E. F. Herrington, West Harsick, Rensselaer county, N. Y., U. S. Improvements on harvester pitman guides and holders, etc.

Table listing patents with numbers, names, and dates, including and C. Ewell, Silver Creek, Chautauqua county, N. Y., U. S. Improvements in middlings purifiers, called "Morse's Improved Middlings Purifier No. 2," Oct. 1, 1874.

Advertisements.

Back Page - - - - - \$1.00 a line.
Inside Page - - - - - 75 cents a line.
Engravings may head advertisements at the same rate per line, by measurement, as the letter press. Advertisements must be received at publication office as early as Friday morning to appear in next issue.

Advertisement for JUST OUT.—PATENT FUNNEL STRAINER. Includes an illustration of a funnel strainer.

Advertisement for EAGLE FOOT LATHES. Includes an illustration of a lathe and text describing the product.

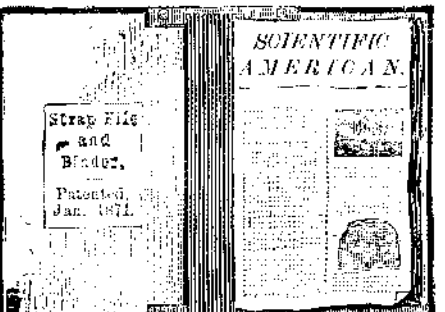
Advertisement for STATIONARY STEAM ENGINE OF 50-HORSE POWER FOR SALE. Includes text about delivery and contact information.

Advertisement for PLANING & MATCHING. Includes text about moulding, re-sawing, and tenoning machines.

Advertisement for BRASS & STEEL SCREWS, MINER'S COMPASSES, MODELS, etc. Includes text about various types of screws and models.

Advertisement for The Phrenological Journal. Includes text about the journal's content and subscription information.

Advertisement for THE Strap File and Binder. Includes text about the product's features and its use.



The File is used by merely opening a paper to its central fold, and slipping one side under the first vacant cord on the right, allowing the cord to rest in the center of the fold. For the convenience of our subscribers, we have had a supply of Files constructed as above, holding fifty-two papers, and lettered "SCIENTIFIC AMERICAN" in gilt on the side. Price at this Office... \$1.25 by mail, postage prepaid... 1.50 Address and remit

MUNN & CO., PUBLISHERS SCIENTIFIC AMERICAN 37 PARK ROW, NEW YORK.