

[OFFICIAL.]

INDEX OF INVENTIONS

FOR WHICH

Letters Patent of the United States were

Granted in the Week ending

December 8, 1874,

AND EACH BEARING THAT DATE.

[Those marked (r) are reissued patents.]

Table listing inventions with names and patent numbers, such as Auger, cart, J. Pickle, 157,540; Axle, lubricating, W. V. Bryan, 157,576; Beer regulator, J. Obrecht, 157,535.

Table listing inventions with names and patent numbers, such as Kettle balls, J. J. Britton (r), 6,163; Klin, drying, E. Daves, 157,558; Klin, safety tar, J. D. Stanley, 157,645.

EXTENSIONS GRANTED.

30,877.—CHAIR.—P. J. Hardy. 30,900.—VENTILATED HAT.—W. F. Warburton.

DESIGNS PATENTED.

7,914.—BUTTON CARD.—G. P. Farmer, Brooklyn, N. Y. 7,915.—THERMOMETER BACK.—G. Gano, Cincinnati, Ohio.

TRADE MARKS REGISTERED.

2,106.—MATCHES.—Early & Lane, New York city. 2,107.—HAIR TONIC.—M. A. Kaler, New York city.

SCHEDULE OF 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, DECEMBER 3 TO DECEMBER 11, 1874.

Table listing Canadian patents with names and numbers, such as 4,122.—J. B. McCune and R. M. Wanzer, Hamilton, Ont. Improvements in apparatus for sand molding for metal castings.

4,149.—T. Galbraith, Port Hope, Durham county, Ont. Improved device for holding or locking nuts or bolts, called "Galbraith's Lock Nut Bolt."

ores and apparatus for the practice of the same, called "Wheeler's Process and Apparatus for the reduction of Iron and other ores." Dec. 11, 1874.

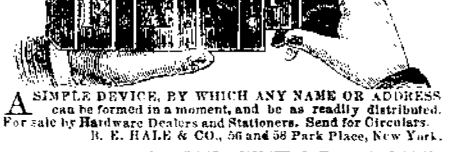
Advertisements.

Back Page - - - - - \$1.00 a line. Inside Page - - - - - 75 cents a line.

EMPLOYMENT.

I want 1,000 agents to canvass for the COMPLETE HERBALIST, and THE GROWING WORLD. I will give such terms and furnish such advertising facilities that no man need make less than \$200 per month and all expenses—no matter whether he ever canvassed before or not.

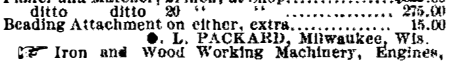
REESE'S ADJUSTABLE STENCIL LETTERS



A SIMPLE DEVICE, BY WHICH ANY NAME OR ADDRESS can be formed in a moment, and be as readily distributed.

WANTED—A SECOND HAND TWO HORSE

Power Portable Baxter Steam Engine and Boiler, complete; also a Steam Pump, to elevate water 100 feet through a lead pipe 1/2 inch external, 3/4 inch internal diameter, (800) eight hundred feet long.



BLAKE'S PATENT Stone and Ore Breaker

Crushes all hard and brittle substances to any required size. Also, any kind of Stone for Roads and for Cobble, &c.

LE COUNT'S PATENT LATHE DOGS,

both Steel and Iron; Iron and Steel Clamps, Expanding Mandrels, &c. Sold at wholesale prices during the hard times. Send for Illustrated List to C. W. LE COUNT, South Norwalk, Conn.

MAYNARD'S RIFLES AND SHOT GUNS.

Reloading-Capped Cartridges. Send for Illustrated Circular. MASSACHUSETTS ARMS COMPANY, CHICOPEE FALLS, MASS.

THE CHAMPION COMBINATION FOOT

LATHE has all the advantages of the Turning Lathe, Boring Machine, Circular and Jig Saw. One or all parts may be operated upon at the same time.

EAGLE FOOT LATHES,

Small Engine Lathes, Hand Planers for metal-Slide Rests, Circular and Foot Scroll Saws—all of the neatest design and superior finish. Our catalogue describes every tool necessary to fit out the Artizan or Amateur, as well as the Boys for the Holidays.

PERFECT NEWSPAPER FILE.

The Koch Patent File, for preserving newspapers, magazines, and pamphlets, has been recently improved and price reduced. Subscribers to the SCIENTIFIC AMERICAN can be supplied for the low price of \$1.50 by mail, or \$1.25 at the office of this paper. Heavy board edition, inscription, SCIENTIFIC AMERICAN, in gilt. Necessary for every one who wishes to preserve the paper. Address MUNN & CO., Publishers "SCIENTIFIC AMERICAN."