

Also enquiries and answers from the following:

J. E.—D. E. Correspondents whose inquiries fail to appear should repeat them.

Several correspondents request us to publish replies to their enquiries about the patentability of their inventions, etc.

Correspondents who write to ask the address of certain manufacturers, or where specified articles are to be had, also those having goods for sale, or who want to find partners, should send with their communications an amount sufficient to cover the cost of publication under the head of "Business and Personal," which is specially devoted to such enquiries.

[OFFICIAL.]

Index of Inventions

FOR WHICH

Letters Patent of the United States

WERE GRANTED IN THE WEEK ENDING

June 16, 1874,

AND EACH BEARING THAT DATE.

(Those marked (r) are reissued patents.)

Table listing various inventions such as Agricultural implement socket, Alarm, burglar, Anchor, auger earth, Bale tie, etc., with corresponding patent numbers.

Table listing various inventions such as Game board, Garter, Gas regulator, Gate, glass articles, etc., with corresponding patent numbers.

Table listing various inventions such as Tyre tightener, Valve, cushion seated, Valve, relief, Vault cover, etc., with corresponding patent numbers.

APPLICATIONS FOR EXTENSIONS. Applications have been duly filed and are now pending for the extension of the following Letters Patent.

- 30,100.—TRANSFERRING CARS.—W. Wharton, Jr. Sept. 2. 30,103.—HARVESTER RAKE & REEL.—McClintock Young, Jr. September 2.

EXTENSION GRANTED. 28,755.—PORTFOLIO.—J. Nelson Jacobs.

DESIGNS PATENTED. 7,491.—OTYBER DISHES.—J. W. Boteler, Washington, D.C. 7,492.—GAS BURNER.—E. Evans, Lynn, Mass.

TRADE MARKS REGISTERED. 1,831.—CIGARS.—R. C. Brown, New York city. 1,832.—COTTON DUCK.—Brinckerhoff & Co., N. Y. 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.

Table listing Canadian patents such as 3,541.—W. L. Horne, Chicago, Ill., U. S. Machine for regulating the pressure of gas and other fluids, called "Horne's Pressure Regulator for Gas and other Fluids."

3,558.—E. H. Murray, St. Paul, Ramsey county, Minn., U. S. Improvement on food from wheat, and process for preparing the same, called "Murray's Granulated Wheat." June 15, 1874.

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

Advertisement for ROOFS. 100 Sq. Ft. FOR STEEP AND FLAT ROOFS. EST'D 1856. SAMPLES & CIRCULARS SENT FREE. READY ROOFING CO. OF N.Y. 64 CORTLANDT ST.

Table listing second hand boilers and engines at a bargain, including items like H. P. Gibbs & Sterret, Stationary Engine, Wood & Mann, Portable Boiler and Engine, etc.

WILL EXCHANGE—2d hand Machinist Tools for 12 or 14 in. Shop, Horizontal Boring Mill, or Radial Drill. THE STILES & PARKER PRESS CO., Middletown, Conn.

FOR SALE—AN UNFINISHED IRON, TWIN SCREW STEAM VESSEL, having double bottom and water-tight compartments.

Table listing specifications for the steam vessel, including Length between Perpendiculars (390 feet), Breadth of Beam (45 feet), etc.

ENGINEERS. Two pairs, each pair driving one Screw. Diameter of Steam Cylinder..... 72 inches.

SCREWS. Diameter..... 18 feet Pitch..... 27 "

BOILERS. Ten in number; Ordinary Horizontal Fire Tubular Type. Total Heating Surface..... 28,000 sq. ft.

This vessel was intended to be completed for the State of New Jersey as an ironclad. The plans were prepared and the work was carried on under the direction of General GEORGE B. MCCLELLAN, U. S. A.

Proposals for the purchase of Iron Steamer or of Parts thereof, may be addressed to the Governor of the State of New Jersey, by whom they will be received at Trenton, N. J., until 12 o'clock, A. M., on the second day of November next.

TERRITORY FOR SALE—Of Door Brake and Buffer. Address, with stamp, J. A. DE MUTH, 106 Cambridge St., Boston, Mass.

EARTHWORK MENSURATION ON THE BASIS OF THE PRISMOIDAL FORMULA, containing a simple and labor-saving method of obtaining Prismoidal Contents directly from end areas.

TO INVENTORS AND PATENTEES. An American mechanic, now resident in England, is in a position to introduce American Inventions in England to great advantage.

FOR SALE—One half interest in a rich bed of Phosphate. Particulars given. Address JNO. H. LEINER, Geneva S. W. R. R. G. A.