

Business and Personal.

Marine Iron Works. Chicago. Catalogue free.
"U. S." Metal Polish. Indianapolis. Samples free.
Yankee Notions. Waterbury Button Co., Waterbury, Ct.
Handle & Spoke Mch. Ober Mfg. Co., 10 Bell St., Chagrin Falls, O.

The celebrated "Hornsby-Akroyd" Patent Safety Oil Engine is built by the De La Vergne Refrigerating Machine Company. Foot of East 138th Street, New York.

Notes & Queries

HINTS TO CORRESPONDENTS.
Names and Address must accompany all letters or no attention will be paid thereto.
References to former articles or answers should give date of paper and page or number of question.

(7930) L. E. T. writes: Steel being a conductor of electricity, why is it that the steel balls used in the coherer of a wireless telegraph system, being in contact with one another as they are, do not make a continuous circuit in the receiving apparatus.

TO INVENTORS.
An experience of over fifty years, and the preparation of more than one hundred thousand applications for patents at home and abroad, enable us to understand the laws and practice on both continents, and to possess unequalled facilities for procuring patents everywhere.

INDEX OF INVENTIONS
For which Letters Patent of the United States were Issued for the Week Ending JULY 24, 1900,

AND EACH BEARING THAT DATE.
See note at end of list about copies of these patents.]

Table listing inventions with titles and page numbers. Includes items like 'Acid and making same, formic aldehyde compound of uric', 'Ankle brace, W. A. Sears', 'Articulating plate, T. F. Driskill', etc.

WOOD or METAL Workers. Without Steam Power should use our Foot and Hand Power Machinery. Send for Catalogues. A—Wood-working Machinery, B—Lathes, etc. SENECA FALLS MFG. CO. 695 Water St., Seneca Falls, N.Y.

AMERICAN PATENTS.—AN INTERESTING and valuable table showing the number of patents granted for the various subjects upon which petitions have been filed from the beginning down to December 31, 1894.

ENGINE & FOOT LATHES. MACHINE SHOP, OUTFITS, TOOLS AND SUPPLIES. SEBASTIAN LATHE CO. CINCINNATI, O.

Foot and Power and Turret Lathes, Planers, Shapers, and Drill Presses. SHEPARD LATHE CO., 133 W. 2d St., Cincinnati, O.

Water Emery Tool Grinder. Has no pumps, no valves. No piping required to supply it with water. Always ready for use. Simplest in construction, most efficient in operation.

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COBURN PATENT TRACK. Parlor, Barn and Fire Door Hangers. All Styles. Latest Improvements. Send for Book. Coburn Trolley Mfg. Co., Holyoke, Mass.

Physical and School Apparatus GALVANOMETERS. STANDARD, SINE, TANGENT, REFLECTING and WIEDEMANN GALVANOMETERS. Catalogue free.

E. S. Ritchie & Sons, Brookline, Mass. 12-inch Pipe cut off and Threaded with ease by one man and a FORBES PATENT DIE STOCK.

Adjustable Scriber. A knurled and nickel-plated hollow sleeve, with a clamp-vice at each end. Tools made in 8 in. and 12 in. lengths. Price of either size, 50c. Knife point for pattern makers, 15c. extra. Catalogue of Fine Tools free.

ARMSTRONG'S No. 0 THREADING MACHINE. Can be attached to bench or post. Designed for threading the smaller sizes of pipe, iron or brass, also bolts. Has two speeds, one for pipe 1/2 to 1 inch, the other for pipe 1 1/2 to 2 inches, inclusive.

If You Want the Best Lathe and Drill CHUCKS. WESTCOTT'S Strongest Grip, Greatest Capacity and Durability, Cheap and Accurate. Westcott Chuck Co., Oneida, N. Y., U. S. A.

THE RIVETT SLOTTOR. as an attachment to our 8-inch Precision Lathe is exceedingly useful in cases where it is necessary to put a key-seat in as small a hole as a cutter may be made to stand the work. From 40 seconds to 2 minutes suffices to put a key-seat in a hole 1/4 in. diameter and 1/4 in. long—it depends on the metal. This is acknowledged to be a most valuable tool, indispensable in all up-to-date shops throughout the country.

VOLNEY W. MASON & CO., Friction Pulleys, Clutches & Elevators PROVIDENCE, R. I.

THE HARRINGTON & KING PERFORATING CO. PERFORATED METALS OF EVERY DESCRIPTION FOR ALL USES. SCREENS OF ALL KINDS. 225 NORTH UNION ST. CHICAGO, ILL.

Table listing various mechanical and electrical parts with their corresponding page numbers. Includes items like 'Cotton piece goods, fixing the finish on, M. S. Sharp', 'Coupling, See Car coupling. Pipe coupling', 'Thill coupling', 'Cover and binder, W. J. Nickerson', etc.

(Continued on page 78.)



