

[OFFICIAL.]

Index of Inventions

For which Letters Patent of the United States were granted FOR THE WEEK ENDING JULY 16, 1872, AND EACH BEARING THAT DATE.

(THIRD ISSUE.)

Table listing inventions with patent numbers, including items like Air compressing apparatus, Axles, Bag holders, Bales, Basket, Bath, Battery insulator, Bed, Bee hive, Blind, Blow pipe, Bobbins, Boiler, Bolt, Boot, Box, Brick kiln, Brick machine, Bridge, Button, Calculator, Caliper, Car, Car loader, Carriage wheel, Cars, Cartridges, Case, Caster, Caster, Chair, Chair, Churn, Cigar bunches, Cigar machine, Cloth measuring, Cock, Cock, Columns, Comb, Cooking apparatus, Cultivator, Curling iron, Current reverser, Cylinder, Desk, Draft regulator, Drain, Dress elevator, Drill, Drills, Dryer, Earth closet, Edging, Egg holder, Elevator, Elevator, Engine, Engine, Engine, Engine, Feather renovator, Feed cutter, Fence posts, File, Finger guard, Fire arm, Fire arm, Fire arm, Fire escape, Fire extinguisher, Fires, Fish bait mill, Flour, Flower pot, Forks, Furnace, Furnace, Furnace, Furniture, Garments, Gate, Gates, Grater, Grinding rotary cutters, Gun, Hair restorative, Harness, Harvester, Hay tedder, Head block, Heater, Hedge trimmer, Hinge, Hogs, Horns, Horse power, Horse power, Horse shoe, Howell.

Table listing inventions with patent numbers, including items like Ice machine, Insect bar, Iron-puddling tool, Jar or vase holder, Knife polisher, Knitting machine, Knitting machines, Knobs, Labels, Lamp, Lamp, Lamp burner, Lamp heater, Lamp, Latch and lock, Lath machine, Lime kiln, Lime kiln, Liquors, Lock, Lock, Loom, Looms, Lubricator, Lubricator, Measure, Medical compound, Medical compound, Milk cooler, Mills, Miter box, Mixers, Motion, Movement, Notation, Nuts, Overshoe, Paper hangings, Paraffin, Pea nut picker, Peg, Pen, Pianos, Picture frame, Pipe molding machine, Plaiting machine, Plane, Planter, Planter, Platform, Plow, Plow clevis, Pop corn balls, Portfolio, Power, Press, Propeller, Pulleys, Railroad rail, Railroad rails, Range, Range, Reflectors, Safes, Salt brine, Saah holder, Saw mill, Saw mill, Saw set, Saw teeth, Sawing machine, Seat, Seeding machine, Separator, Sewing machine, Sewing machine, Shawl, Shirt pattern, Shoe, Shoe fastening, Shuttle box, Sickle grinder, Signaling apparatus, Signaling apparatus, Skid and ladder, Soap, Soldering apparatus, Sole nailing machines, Spinning wheel, Spinning machines, Spring, Stalk cutter, Stand, Steaming apparatus, Steel, Stone, Stool, Stove, Stove, Stove, Stove pipe, Table, Table and washstand, Table, Teeth, Telegraph, Telegraphs, Tin screw, Tobacco cutter, Tool handle, Tongs, Torpedo, Toy bank, Trap, Trimming, Truck, Truss, Tubing, Tweer, Vehicles, Vehicles, Vehicles, Vessels, Wagon seat, Washing machine, Washing machine, Washing machine, Washing machine, Waterproofing articles.

Table listing inventions with patent numbers, including items like Water wheel, Windlass, Windmill, Wood, Wrench.

DESIGNS PATENTED.

Table listing designs patented, including items like Carpets, Carpet, Sash lift, Bird case hook, Door button, Cupboard bolt, Campaign medal, Shoe, Shawl, Boot heel plate, Cigar holder, Campaign badge.

TRADE MARKS REGISTERED.

Table listing trade marks registered, including items like Medicine, Hams, Periodical, Artificial teeth, Lozenges, Medicine, Colors and paints, Shirts, Gun powder, Tobacco, Tools, Writing ink, Medicine, Mustard, Hams.

SCHEDULE OF PATENT FEES.

Table listing patent fees, including items like On each caveat, On each Trade-Mark, On filing each application for a Patent, On issuing each Original Patent, On appeal to Examiners-in-Chief, On appeal to Commissioner of Patents, On application for Reissue, On application for Extension of Patent, On granting the Extension, On filing a Disclaimer, On an application for Design (three and a half years), On an application for Design (seven years), On an application for Design (fourteen years).

For Copy of Claim of any Patent issued within 30 years... \$1
A sketch from the model or drawing, relating to such portion of a machine as the Claim covers, from... \$1 upward, but usually at the price above-named.
The full Specification of any patent issued since Nov. 20, 1866 at which time the Patent Office commenced printing them... \$1.25
Official Copies of Drawings of any patent issued since 1836, we can supply at a reasonable cost, the price depending upon the amount of labor involved and the number of views.
Full information as to prices of drawings in each case, may be had by addressing

MUNN & CO., Patent Solicitors, 37 Park Row, New York.

APPLICATIONS FOR EXTENSIONS.

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:
21,782.—ROTARY PLANING CUTTER.—J. Sperry. Sept. 25, 1872.
21,829.—PHOTOGRAPHIC SHIELD.—E. Gordon. Oct. 2, 1872.
21,977.—REFRIGERATOR.—B. M. Nyce. Oct. 16, 1872.
21,924.—PATCHING BULLETS.—L. H. Gibbs. Oct. 9, 1872.
22,028.—SHEET METAL SHEARS.—D. Newton. Oct. 23, 1872.
22,100.—BRAIDING MACHINE.—A. B. Clemons. Oct. 30, 1872.

EXTENSIONS GRANTED.

21,029.—CLOTHES WRINGER.—I. A. Sergeant. (In two parts.)
21,030.—QUARTZ CRUSHING MACHINE.—O. P. Stanford.
21,036.—GRAIN SEPARATOR.—B. T. Trimmer.

Value of Extended Patents.

Did patentees realize the fact that their inventions are likely to be more productive of profit during the seven years of extension than the first full term for which their patents were granted, we think more would avail themselves of the extension privilege. Patents granted prior to 1861 may be extended for seven years, for the benefit of the inventor, or of his heirs in case of the decease of the former, by due application to the Patent Office, ninety days before the termination of the patent. The extended time inures to the benefit of the inventor, the assignees under the first term having no rights under the extension, except by special agreement. The Government fee for an extension is \$100, and it is necessary that good professional service be obtained to conduct the business before the Patent Office. Full information as to extensions may be had by addressing

MUNN & CO., 37 Park Row, N. Y.

FOREIGN PATENTS--A HINT TO PATENTEES.

It is generally much better to apply for foreign patents simultaneous with the application in the United States. If this cannot be conveniently done, as little time as possible should be lost after the patent is issued, as the laws in some foreign countries allow patents to any who first make the application, and in this way many inventors are deprived of valid patents for their own inventions. It should also be borne in mind that a patent is issued in England to the first introducer, without regard to the rights of the real inventor; therefore, it is important that all applications should be entrusted to responsible agents in this country, who can assure parties that their valuable inventions will not be misappropriated. The population of Great Britain is 31,000,000; of France, 40,000,000; Belgium, 5,000,000; Austria, 38,000,000; Prussia, 25,000,000; German Confederation, 40,000,000; Canada, 4,000,000; and Russia, 70,000,000. Patents may be secured by American citizens in all of these countries. Mechanical improvements of all kinds are always in demand in Europe. There will never be a better time than the present to take patents abroad. We have reliable business connections with the principal capitals of Europe. A large share of all the patents secured in foreign countries by Americans are obtained through our Agency. Address

MUNN & CO., 37 Park Row, N. Y.

Circulars, with full information on foreign patents, furnished free. The new patent law in Canada permits Americans to take patents there on favorable terms.

Inventions Patented in England by Americans.

[Compiled from the Commissioners of Patents' Journal.]
From July 12 to July 18, 1872, inclusive.
BOLT MAKING MACHINE.—G. C. Bell, Buffalo, N. Y.
CARD HOLDER.—B. Brower, New York city.
MANURE.—H. A. Hogel, New York city, H. B. Bigelow, New Haven, Conn.
SCREW BOLT.—G. C. Bell, Buffalo, N. Y.
SULPHURIC ACID, ETC.—W. T. Clough, Newark, N. J.
TYPE MAKING AND SETTING MACHINERY.—Westcott Type Setting Company, New York city.