

[OFFICIAL.]

Index of Inventions

For which Letters Patent of the United States were granted

FOR THE WEEK ENDING FEBRUARY 20, 1872, AND EACH BEARING THAT DATE.

Table listing inventions such as Ash sifter, Awning slide, Bale tie, Bed bottom, Blanket, Boat, Boring machine, Box opener, Brush, Carriage, Clock, Cloth doubling, Coal scuttle, Cock, Corn husking, Dish drainer, Ditching machine, Electric switch, Emery wheels, Engine, Fan, Fastener, Fence, Fertilizers, Fire arm, Fire place, Fringe, Fruit gatherer, Garment tool, Gasometer, Gate for turning bridges, Gaze, Grain binder, Grain for distilling, Harness pad, Harrow teeth, Harvester cutters, Harvester dropper, Harvester rake, Harvester spring seat, Heel stiffener, Hinge, Holdback, Horse collar, House, Ice cream freezer, Inkstand, Iron, Iron, Iron, Key for locks, Lamp and burner, Lamps, Lantern, Last, Lath machine, Leather, Light, Lock, Locomotive wheels, Loom shuttle, Loom temple, Mast head, Match safe, Metal, Movement, Musical instruments, Music books, Nails, Necktie holder.

Table listing inventions such as Ores, Packing, Paper stock, Pavement, Press, Propeller, Puffing iron, Pump, Quilting frame, Rack, Rails, Razor, Register, Rigging screw, Rooding, Saccharine matter, Saddle, Safe, Sash frame, Saw frames, Sawing machine, Saw mill, Scissors, Sewing machine, Sewing machines, Sewing machines, Sewing machines, Sewing machines, Shade, Shingle machine, Shingle machine, Shoe, Slate, Sole channeler, Sower, Spring, Staples, Steel to articles, Stone dressing machine, Stone gatherer, Stone machine, Stove, Stove pipe, Stove platform, Stove shield, Stud fastening, Sugar, Sugar, Swift and reel, Telegraph apparatus, Thill coupling, Toy block, Tracks of wire, Trap, Trap, Tube, Tunnels, Tweer, Vessels, Walls, Washing machine, Washing machine, Washing machine, Water closet, Water course, Watercut-off, Water elevator, Water pipe, Wells, Whip lash, Windlass, Windmill, Window stop, Wood, Wool.

DESIGNS PATENTED.

Table listing designs such as 5,557 and 5,558.—COOKING STOVE, 5,559.—SIDE FRAME FOR CHAIRS, 5,560.—FIREMAN'S HAT, 5,561 and 5,562.—CENTER PIECES FOR CEILINGS.

TRADE MARKS REGISTERED.

Table listing trade marks such as 667.—SOAP, 668.—TALLOW PACKING, 669 and 670.—SOAPS, 671.—LIQUOR PACKAGE, 672.—WATERPROOF MATERIAL, 673.—NECK TIE, 674 to 676.—SPICE, 677.—COFFEE, 678.—SODA WATER APPARATUS, 679.—SEWING MACHINE, 680.—SHOE BLACKING.

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: 20,254.—DAY AND NIGHT RAILROAD CAR, 20,277.—PAPER PULP MACHINE, 20,364.—CLOTHES PIN, 20,385.—POWER AND HAND DRILL, 20,394.—HARVESTER.

EXTENSIONS GRANTED.

Table listing extensions granted such as 19,490.—COTTON BALE TIE, 19,412.—CULTIVATOR, 19,420.—HORSE RAKE, 19,465.—CARPET BEATING MACHINE, 19,417.—COTTON GIN.

SCHEDULE OF PATENT FEES:

Table listing patent fees such as On each caveat, 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, 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 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 price of drawings in each case, may be had by addressing MUNN & CO., Patent Solicitors, 37 Park Row, New York.

Value of Extended Patents.

Did patentees realize the fact that their inventions are likely to be more productive of profit during the seven years or 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.

NEW BOOKS AND PUBLICATIONS.

HOW TO TREAT THE SICK WITHOUT MEDICINE. By James C. Jackson, M.D., Physician-in-Chief of "Our Home on the Hill Side." And TRAINING OF CHILDREN, by the same Author. Austin Jackson & Co., Danville, Livingston Co., N. Y. Oakley Mason & Co., 21 Murray Street, New York.

These are works devoted to an exposition of what is styled by the author the psycho-hygienic treatment of the various diseases which afflict mankind, with a view not only to their cure but their prevention. Designed for popular reading, they are necessarily not exhaustive, but, in expounding the rules of temperance, cleanliness, and right living in every respect, they are calculated to do much good, and will repay perusal, even by those who could comprehend more profound treatises.

PLAIN TALK ABOUT INSANITY. Its Causes, Forms, Symptoms, and the Treatment of Mental Diseases. With Remarks on Hospitals and Asylums, and the Medico-Legal Aspect of Insanity. By T. W. Fisher, M.D., late of the Boston Hospital for the Insane. Boston: Alexander Moore.

We have not yet had time to read this work, but from a glance at the various topics, and their manner of treatment, we are convinced it is a valuable work, which will repay the thorough perusal we intend to give it as opportunity offers. It is adapted for popular reading, is chaste and elevated in style, and is evidently the work of a skillful practitioner and close observer.

ANIMAL AND VEGETABLE PARASITES OF THE HUMAN SKIN AND HAIR. By Joy Jeffries, A.M., M.D., Fellow of the Massachusetts Medical Society, etc., etc. Boston: Alexander Moore.

This is an important, though not altogether attractive subject. It is ably and popularly discussed in this work, and many skin diseases are directly traced either to animal or vegetable parasites.

LOGICAL PRAXIS. Comprising a Summary of the Principles of Logical Science, and Copious Exercises for Practical Application. By Henry S. Day, Author of Elements of Logic, Rhetoric, Rhetorical Praxis, Aesthetics, etc. New Haven: Charles C. Atfield & Co.

The title fully sets forth the object and scope of this work, which is in method excellent, and well calculated to discipline the reasoning faculties.

HOLY LAND. With Glimpses of Europe and Egypt. A Year's Tour. By S. D. Phelps, D.D., Author of "Poems for the Heart and Home." Twenty-five Engravings. New Haven, Conn.: Charles C. Chatfield & Co., 460 Chapel Street.

Those fond of interesting journals of travel will find, in this book, an agreeable narrative of a tour through a region more replete with historical and sacred associations than any other on earth. The book is medium sized octavo, printed on tinted paper, and neatly bound.

THE ATLANTIC MONTHLY.

The number for March is an exceptionally good one, containing a great variety of very interesting matter. Hawthorne's story of Septimius Felton, third part, and Holmes' number three of the "Poet at the Breakfast Table," are worth, in themselves, the price of the magazine; but, in addition to these, there are contributions from De Mille, Nora Perry, J. W. Palmer, John G. Whittier, Longfellow, Bret Harte, Parton, and others well known to American literature.

FOREIGN PATENTS—A HINT TO PATENTEEES.

It is generally much better to apply for foreign patents simultaneously 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 makes 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, 37,000,000; Belgium, 5,000,000; Austria, 36,000,000; Prussia, 40,000,000; 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.