

Business and Personal.

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Notes & Queries

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(7769) A. B. K. asks how emery paste or razorene is made and pressed into cakes. A. Mix fine emery intimately with fat and wax until the proper consistency is obtained in the paste, and then rub it well into the leather strap. Prepare the emery by pounding thoroughly in a mortar the coarse kind, throwing it into a large jug of water and stirring well. Immediately the large particles have sunk, pour off into a shallow plate or basin and let the water evaporate. This emery is better for polishing and other purposes than that prepared at the emery mills.

(7770) E. W. B. writes: I have a number of valuable film negatives so curled, and the gelatine so hard, that they cannot be unrolled without injury. Have tried solutions of glycerine of various strengths, but on drying they curl as bad as ever. Kindly give a remedy. A. Sometimes the roll holder film will curl till like a pipe stem, but if soaked in a five per cent solution of gelatine, and pinned on to a board, they will be found quite manageable when dry. Where there are many films to deal with, a better way is to cut strips of thin sheet lead, each the length of the films and 3/4 of an inch wide. These are folded along their length, making grooves into which the edges of the films are inserted, the thumb firmly drawn from end to end, making them tight enough to hold them fast till dry. Some samples of gelatine are so contractile as to draw the film from the lead grooves, but that may be avoided by making several awl holes through both thicknesses of the lead and pinning them to the board.

NEW BOOKS, ETC. FOREIGN PATENT AND TRADEMARK LAWS. A Comparative Study, with Tabular Statements of Essential Features of Such Laws. By Arthur P. Greeley, Assistant Commissioner of Patents. John Byrne & Company. Price \$5.

No one has made a more thorough study of foreign patent and trademark practice than Mr. Arthur P. Greeley, Assistant Commissioner of Patents, whose connection with the Commission appointed under the Act of Congress to revise the patent and trademark laws of the United States and whose progressive spirit with reference to improving the practice within the Patent Office qualifies him especially for the work in hand. The above entitled work, therefore, commands the attention of all those who are interested in patent practice, and no work has yet been published which gives, in so convenient a form and so thorough a manner, an exposition of foreign patent practice. The information to be obtained concerning foreign patent laws appears ordinarily in abstracts or in scattered notes which the attorney has made for his own use during the course of his practice. The work that we have before us represents an immense amount of labor, and the tables have been put in such a form that the most important information concerning foreign patent practice may be obtained with a minimum of effort, owing to the comprehensive system of classification employed. In the first portion of the book, the different systems of granting patents are discussed, with special chapters on the questions of novelty, subject matter of patents, who can apply for patents, etc. In these pages the author has discussed the difference between the patent practice of France and the United States, and has illustrated the working of the English patent system as well as pointed out wherein the

German patent laws resemble, in some respects, the laws of the United States, and in other respects the English system. With the laws of these four countries taken as a standard, the practice of other countries is discussed, and the resemblance of their patent laws to one or more of the systems first presented is set forth. Following this is found a set of tables where the principal countries are alphabetically arranged, with abstracts of the important features of their patent laws. These tables will be found of the greatest service to patent attorneys. The pages devoted to the trademark laws explain the differences between the laws in those countries where the property in a trademark is derived from its registration, and in those where the act of registration is merely to complete ownership, the first step to secure which was taken when the mark was first used in trade in the country. The discussion of this subject is of the greatest value. The subject of the registrable forms of marks in the different countries is also treated. Again, as in the first half of the book, which is devoted to patents, the principal features of the trademark laws are arranged in table form so that information can be easily found. In the last pages, before the index, which is very complete and adds greatly to the value of the work, will be found copies of the conventions and treaties to which the United States is a signatory. We heartily recommend this work as being of the greatest value and assistance.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending NOVEMBER 28, 1899, AND EACH BEARING THAT DATE.

Table listing inventions and their patent numbers. Includes entries like Abacus, J. P. Johnson, 637,964; Alarm system and apparatus for testing same, 637,988; Anchor, stockless, P. J. Ryan, 637,914; Animal trap, J. Herfert, 637,783; Automatic brake, A. E. Norris, 638,185; Barrel washing machine, A. Danner, 637,854; Battery, 638,042; Bearing, E. D. Woods, 637,842; Bearing, ball, S. D. Wright, 637,984; Bed brace, J. L. Peacock, 638,028; Bedstead, J. D. Earle, 637,770; Bedstead, iron, W. Hess, 637,784; Belt electric, J. Meyer, 638,148; Belt fastening tool, C. F. Sperry, 637,902; Belt winder, threshing machine, J. B. Bartholomew, 637,760; Bicycle, J. H. Graham, 638,112; Bicycle, E. Roach, 638,067; Bicycle brake, Paulson, 637,832; Bicycle or velocipede, water, A. Marx, 638,132; Bicycle support and lock, J. P. Hoppert, 638,121; Bicycle tandem attachment, T. J. H. Dermody, 637,758; Bicycles, detachable carrying bracket for, Buley & Wrag, 637,762; Bier, J. A. St., 638,075; Bit, C. W. Beehler, 638,186; Bit, See Bridle bit; Blackboard composition, Blacknall & Jordan, 638,003; Block for building moles, dams, piers, etc., N. R. Jeckel, 637,935; Block signal and train stopping device, automatic, S. J. McCart, 638,026; Blotter bath and absorbent material therefor, H. M. Adams, 637,985; Board, See Dough board; Boat, life, L. W. Myers, 637,940; Boiler, See Sectional boiler, Steam boiler; Boiler tube cutters, machine for operating, Forsyth & Bell, 637,774; Bolt threading machine, H. P. Eilers, 637,772; Bone black kiln, B. Eba, 638,177; Boot or shoe, W. Burwell, 638,043; Boot or shoe, S. S. Sargent, 637,948; Boot or shoe attachment, T. Smith, 637,940; Bottle stopper, S. Twitchell, 637,977; Box, See Folding box, Razor box, Telescopic box, Two piece box; Bracket, See Extension bracket; Braiding machine spool holder, E. Mundt, 638,059; Brake, Fluid pressure brake, Bicycle brake, Vehicle brake; Bread cutter, C. S. Osborn, 638,135; Bread making machine, P. F. & A. F. Bryce, 638,030; Bridle bit, F. Klein, 637,802; Burner, See Gas burner, Water heater burner; Cab,ansom, Quinsler & McNear, 638,141; Cage, dumping, W. G. Halbert, 638,114; Calcining furnace, Godfrey & Hayes, 637,864; Calculating machine, C. W. & R. L. Cleveland, 638,097; Calculating machine, D. J. T. Hiett, 638,118; Camera, photographic, E. F. Edgcomb, 637,996; Can, H. W. H. Powell, 637,859; Car attachment, cattle, M. A. Eatman, 638,105; Car bolster, railway, J. C. Fortiner, 637,845; Car brake, W. S. G. Baker, 637,996; Car coupling, Lewis & Spates, 637,996; Car coupling, J. J. Rigney, 638,102; Can heading machine, J. Brenzinger, 637,761; Car sign, illuminated, G. F. Bostwick, 638,170; Caransom, J. Hickey, 637,786; Cars, controlling mechanism for brakes and sand distributing apparatus for street, E. B. W. Reichel, 637,829; Card lock rod, D. E. Hunter, 638,017; Carding engine, Gillett & Fogg, 638,111; Carding machine rubbing mechanism, Barber & Cromie, 638,162; Carriage, folding baby, F. M. Courtney, 638,100; Carrier, See Post holder; Ceilings and floors, construction of, C. Potech, 637,943; Chair, See Dental chair, Nursery chair; Chair, W. B. McAllister, 637,968; Channeling machine, C. L. Eaton, 637,926; Chimney top, C. E. Burress, 638,172; Churn, B. F. Snyder, 637,956; Churn, J. H. Quinley, 637,944; Circuit closing and interrupting device, Kublo & Becker, 638,020; Clasp, W. B. Page, 637,972; Cleaner, See Knife or fork cleaner, Trolley wire cleaner; Clip, See Label clip; Clock, A. M. Lane, 637,876; Clock, electric, H. E. Andersson, 638,160; Clock, globe, G. Jeager, 637,871; Cook, self closing gas, Erickson & Young, 638,178; Corkscrew and valve for beer pumps, combined, F. Preston, 637,826; Corn sheller, L. E. Gaiser, 637,930; Corrugating machine, A. C. Kronquest, 637,875; Cotton gin roller, D. S. Chapman, 637,922; Coupling, See Car coupling, Pipe coupling, Pump coupling, Rod coupling, Thill coupling; Cream separator, centrifugal, J. H. Ayers, 637,758; Cue, parlor game, H. C. Lehmann, 637,877; Cutter, saw, swivel action, F. M. Hizes, 638,119; Currents, system of distributing alternating, E. G. P. DeSchlage, 637,819; Curtain pole, J. E. Schhardt, 638,159; Cushion, See Spring cushion; Cuspidor, R. H. Johnson, 637,799; Cuspidor, adjustable, J. C. Meader, 637,822; Cutter, See Bread cutter, Tobacco cutter; Cutting machine, J. J. Rigney, 638,102; Decorticating machine, A. Price, 638,140; Dental chair, G. T. Higgins, 638,197; Dental saliva ejector and tongue depressor, J. E. Nymann, 637,970; Desk, detachable trunk, W. H. Scully, 638,032; Digger, See Post holder; Direct acting engine, E. C. Meissner, 637,810; Door lock, E. A. Schmitz, 638,151; Door stop and fastener, J. D. Postle, 638,139; Dough board, E. Sargent, Jr., 638,149; Paught connection, J. D. Hubbell, 638,015; Draught equalizer, J. W. Miller, 637,833; Dredge cutter head, A. W. Robinson, 637,831; Dredgings, method of disposing of, A. G. Rose, 638,145

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Table listing various mechanical and electrical inventions and their patent numbers. Includes entries like Dredgings, means for disposing of, A. G. Rose, 637,947; Drill, See Grain drill, Reciprocating drill, 638,184; Driving apparatus, A. E. Norris, 637,988; Drying wheat, etc., apparatus for, J. C. W. Stanley, 638,127; Dust pan, A. J. Vroman, 637,908; Dye, black azo, G. Koerner, 637,908; Dynamos from car axles, means for driving, J. L. Creveling, 637,766; Electric heater, E. E. Gold, 638,050; Electric light and making same, incandescent, W. L. Colclough, 637,979; Electric machine, dynamo, W. B. Sayers, 638,070; Electric meter, E. S. Halsey, 638,011; Electric switch, F. A. Merrick, 638,129; Electric switch, Perkins & Tregoning, 637,882; Electrical cut out, G. H. Perkins, 638,036; Electrical cut out apparatus, L. Andrews, 638,084; Electrical distribution system, L. Andrews, 638,085; Electrical distribution system, E. B. W. 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