

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending

February 18, 1902,

AND EACH BEARING THAT DATE.

[See note at end of list about copies of these patents.]

Table of inventions including: Acid apparatus for concentrating sulfuric, Adhesive fastener, Air of rooms, device for removing noxious impurities from the, Alarm, Alimentary product and masking same, Ambulance coach, Amusing apparatus, Automobile, Ax helve grip, Bag stripping machine, Bags, making and filling, Balcony window, Baling press, Band brake, Bank savings, Basin, portable wash, Bath tub, Batteries, apparatus for preparing material for use in storage, Battery plate, secondary, Battery separator, storage, Beam, sheet metal, Bearing, ball, Bed bottom, Bedstead clamp, Bicycle coupling, Bicycle support, Billiard and dining table, combined, Binder title plate, Blind fastener, window, Book, S. S. Hookland, Boot treading machine, Boring machine, Bottle, non-refillable, C, Bottle stopper, water, Bottle washing machine, Bottles, etc., cleaning device for, C. M. Thomas, Box fastener, Breneck & Anger, Box fastener, C. M. Johnson, Box hanging machine, D. L. Hill, Brake cylinders, automatic release for, G. B. Sewell, Brake shoes, automatic means for regulating, W. H. Savage, Branding chute, J. Honegout, Brass drain, J. P. Argood, Budge, lifting, M. Widdell, Brother, E. A. Leland, Broom attachment, M. H. Hughes, Bubble blowing device, P. D. Horton, Building construction, C. M. Carnahan, Bullet, compound, L. B. Taylor, Bung, F. Kellers, Burners, See Gas burner, Butter cutter, L. R. Walker, Button collar, E. W. Cranston, Button making machine, W. A. Peadry, Calculator, A. T. Beauregard, Callipers, H. Babe, Camera, F. A. Wiggins, Camera shutter, photographic, F. A. Brownell, Cameras, paper holder for enlarging, C. B. Hutchings, Cans, bottles, etc., device for preventing theft or tampering with milk, Thibberg & Barthel, Cap, J. Lichtenstein, Capsules, wafers, etc., filler for, A. E. Brethour, Car, P. M. Kling, Car coupling, S. P. Moulton, Car door fastener, C. R. Doe, Car draft rigging, W. H. Erickson, Car draw bar, ore, G. E. Truax, Car fender, W. J. Ward, Car gate, folding railway, N. H. Colwell, Car haul, A. M. Acklin, Carbon feeding device, Chapin & Pritchard, Carburetor, automatic gasolene regulator, combined, J. C. Titus, Carburetor, explosive engine, A. F. Burdwell, Card clothing, Mills & Hutton, Carpet fastener, H. C. Roemer, Carpet rack, A. S. & W. H. Strickler, Carriage gear, A. B. Bryant, Cart, manure distributing, J. R. Faulk, Cash register, H. Hahn, Cash register, H. Hahn, Cash register, S. Wessells, Chafe iron, antifiction, J. B. Gaston, Chain jack, E. S. Phillips, Chastelaine hook, L. B. Pihlar, Cheese box, D. M. Robbins, Cheese cutter, A. McIntosh, Chimey, C. Steinel, Chimney top, adjustable, C. E. Hurress, Cigar bunching machine, E. Fisko, Cigar bunching machine, E. Fisko, Cigar machine, H. Schneckloth, Cigar or cigarette pocket case, B. Rappaport, Cigar wrapping machine, J. J. Ryan, Circuit breaker, Merckel & Forrer, Claw bar, A. Brassington, Cleaning and polishing composition, P. Levi, Clock, automatic call bell, W. A. Hirschfeld, Clock, geographical, C. E. Davis, Clothes line and detachable support, H. R. Johnson, Clutch cone, A. Krebs, Clutch, friction, G. E. Furman, Coal heater, slacker, E. R. Gosline, Coffee or tea pot attachment, W. R. Montgomery, Coffee substitutes, obtaining, H. S. Maxlin, Coin actuated mechanism for newspaper delivery boxes, W. S. Conner, Coin receptacle, F. H. Heley, Collar attachment, G. A. Redhead, Color and masking same, ferro chrome, A. Hangen, Compressor, F. W. Parsons, Conductor for electromagnetic induction apparatus, H. H. Walt, Conduit, fishing, H. III, Controlling actions at a distance, apparatus for, J. Gardner, Coupling, I. L. Frazier, Crank pin connection take up device, J. E. Johnson, Cream separator, W. J. Gould, Crosscutting wood, etc., C. S. Feldman, Cultivator, Hester, A. M. Weston, Cultivator, staddle, cow, M. L. Hall, Cup, See Oil feed cup, Current meter, alternating, E. Brockelt, Curtain pole, J. Jacoby, Cutting machine, E. H. Kimball, Cycle coaster and brake mechanism, G. T. Warwick, Cycle, separable and reversible, F. Ishoy, Delivering comminuted solids, machine for, L. Trevellick, Derusting device, Hayes & Lutz, Desk furniture, E. Oldenbusch, Despatch systems and especially to receiving apparatus for intermediate stations, general class of tubular, B. H. Blood, Dish washing machine, E. Shaw, Dishes or trays, machine for making, L. S. Shear, Display stand, revolving, C. T. Childers, Door, C. H. Pope, Door check and closer, combined, E. Childers,

Table of inventions including: Door holder, A. J. Rosentreter, Door operating device, E. W. Tobey, Door opener, E. P. Baucher, Door spring, W. Hargrove, Draft and tubing rigging, R. D. Gallagher, Jr., Draft controller, automatic, C. T. Pfeiffer, Dress and skirt adjuster, T. Bamford, Dresser and bed, combined, C. P. Streit, Drier for cotton or other materials, J. C. W. Stanley, Drill and fertilizer distributor, C. W. Love, Dye and making same, blue sulfur, Weinberg & Herz, Dye and making same, diazo wool, K. Seifmacher, Dye, making blue sulfur, Weinberg & Herz, Dyeing apparatus, J. Rhodes, Dyeing, etc., apparatus for, J. A. Sackville, Dyeing sulfur colors, A. Kertesz, Gabel, E. Oldenbusch, Eaves trough hanger, C. E. Brown, Egg preserving apparatus, H. Glacken, Electric coil, W. Spence, Electric conductors, suspension clamp for, S. S. Leonard, Electric contact of current taking device, Grell & Audig, reissue, 11,908, to 11,970, Electric controller, A. C. Eastwood, Electric machine winding for dynamo, H. H. Watt, Electric meter, A. P. Claypole, Electric meter, alternating current, E. Balet, Electric switch, Ball & Winter, Electric switch mechanism, H. Krantz, Elevator closing device, W. A. Robinson, Embossing machine, F. H. Bancroft, Embroidery or ornamental stitch machine, automatic, W. N. Parkes, Engine, H. H. Buffum, Engines, circuit breaker for electric igniters for explosive, F. E. Canada, Envelop blanks, paper sheet for, J. Logan, Envelop fastening device, E. T. Fernandez, Envelop, mailing, A. Haberstroh, Envelop, twin, J. Sallade, Explosive motors, cooling, T. Myers, Fastening inserting machine, L. A. Casgrain, Feeder, steam boiler compound, W. D. Labadie, Fence post, J. J. Boyle, Firearm magazine, registering, A. J. Northcraft, Fire escape, H. Sperling, Fire escape, J. W. Graft, Fireproof construction, W. Orr, Fish reel, W. S. Farner, Flash lamp, A. E. Farner, Fluid under pressure, means for transmitting, W. S. Halsey, Fly paper, sticky, E. E. Baker, Footwear, extension, W. Jochimsen, Fruit chopper, C. W. Starrett, Fruit or vegetable cutter, L. Beck, Furnace, T. V. Allis, Furnace grate, boiler or other, Westerbe & Crosthwaite, Furnaces, feeding packs of thin metal strips from heating, T. V. Allis, Game, C. M. Sears, Game board, E. Woodside, Game table, R. E. Downey, Games of chance, device for playing, P. F. De Ford, Garment support, Pardee & Bloomer, Gas and caustic soda from common salt, machine for producing chlorine, G. M. Wilson, Gas burner, J. Crane, Jr., Gas separator, M. L. & W. D. Warner, Gate, See Car gate, Gate, A. Clay, Gate, C. H. Hamilton, Golf ball, R. W. Owen, Grain drill, disk and hoe, G. W. Love, Grain elevator distributing spout, J. J. Gerber, reissue, 11,971, Grain screen, J. Sarcora, Grindstone, portable, C. H. Ferguson, Grinding machine, O. S. Walker, Grip, adjustable, C. F. Larkin, Groove cutter, H. W. A. Fette, Gun, concealed hammer breakdown, C. F. Clement, Gun, cartridge carrier mechanism for automatic, P. M. Garland, Hair plucker, E. Naegle, Hammer, L. E. Palmer, Hammer sprider clip, L. E. Palmer, Hand shears for cutting metals or other hard materials in sheets, G. Thaulier, Harrow, J. & F. Farrer, Hinge, C. M. Johnson, Hoist, pneumatic, W. S. Kalsey, Hook, See Chastelaine hook, Lactag hook, Horseshoe, elastic tread, M. J. Sinnott, Horseshoe, spring heeled, D. Cruise, Hose coupling, just guard, J. H. Brown, Hydrocarbon burner, J. M. & L. P. Beech, Ice creamasher, W. G. Hahl, Injector, W. D. Labadie, Injector, needle valve, V. Grotter, Insulator, E. C. Campbell, Insulator for electric railways, third rail, C. H. Hobbs, Jewelry scanner, G. W. Washburn, Journal box, C. W. Lewis, Key operated machine, C. S. Champion, Knife blade finishing machine, A. L. Sweet, Knitted pile fabric, rib, G. A. Leighton, Knitting machine, tucking and wadding attachment, F. H. Reese, reissue, 11,972, Lactag hook, F. H. Reese, reissue, 11,972, Lamp burner, H. S. Tompkins, Lamp, electric arc, S. M. Meyer, Lamp, electric arc, J. A. Heany, Lamp shade, S. Takaba, Lamp socket, electric, J. D. Pierce, Lasting machine, R. H. Chamberlain, Lasting machine, M. F. Kelley, Lathes, automatic reversing tapping attachment for, A. Klein, Lawn sprinkler, traveling, A. Munch, Leather coloring machine, W. H. Moore, Ledger, loose leaf, A. V. Wells, Leg guard, J. Mitchell, Lightning conductor, A. Lelong, Locking, W. Gleason, Linoleum, etc., apparatus for producing color patterns in, C. Toujes, Liquid elevating system, D. P. Burdon, Loading nature, etc., on wagons, apparatus for, A. F. Woods, Lock, F. A. Hekson, Lock, O. Katzenberger, Loom, J. Willis, Loom, filling supplying, A. M. Marcoux, Loom harness operating mechanism, W. R. Harding, Loom jacquard mechanism, E. Chwalla, Loom picker motion, D. Durkin, Loom shuttle box operating mechanism, H. Barsley, Loom woff fork cleaner, D. W. Denny, Lumber conveyor for double cutting band mills, E. E. Thomas, Mail box, rural delivery, Wright & Edwards, Mailing rice, E. C. Schottky, Mandolin, self playing, A. I. Mitchell, Match box, C. Law, Measuring instrument, P. E. Shaw, Meat cutting block, M. T. Sharp, Metallurgical process, E. G. Acheson, Meter, See Current meter, Mill speedup attachment, J. W. Cushing, Mixing glass, Morgan, E. Feldmore, Mold making machine, sand, H. E. Feldmore, Mop and brush holding means, combined, P. Schmidt, Mou holder, I. N. Anderson, Nail cabinet, self handling, J. D. Leen, Negatives, device for enlarging, C. R. Hutchings, Nut lock, T. M. Price, Oil burner, Devoc & Dailey, Oil feed gun, automatic, G. A. Nauffts, Ordinance, elevating and sight adjusting gear for, H. H. Crenfell,

Table of inventions including: Ore or pulp sampler, W. G. Dodd, Ore separating machine, J. C. Hoerl, Oven illuminator, J. J. Faulds, Overflow alarm, A. Nicolet, Packing box, safety, J. A. Keller, Packing or displaying articles, E. H. Schmidt, Paper cutter, W. H. Lamont, Paper cutting machine, L. Dudasch, Paper holding structure, U. G. Hillman, Paring and coring machine, W. H. Boutell, Pavement, illuminated area spanning, P. M. Bruner, Photographic stand, H. D. Farquhar, Piano pedal, M. G. Wittman, Picture, automatic moving shadow, P. W. Osborn, Pile driver, steam, J. Grapengeter, Pillow, sham, H. F. Snodgrass, Pipe joint, H. Brooke, Piston, steam or other, E. Berry, Placket closer, G. W. Romaine, Planer bed, E. C. Mershon, Planing machine, W. O. Vivarttas, Planter check row attachment, corn, R. S. Kirkpatrick, Planter, corn or cotton, Boyd & Gillis, Planter, seed, W. H. Ledbetter, Planting apparatus, potato or seed, C. L. Jenks, Plow, W. H. C. Schubert, Plow, C. Wagner, Pocketbook, combination, M. Scheuer, Pocket protector, A. Braun, Pocket, safety, E. B. Brown, Pole climber, W. E. Owens, Popcorn balls, machine for molding, Tilden & Bender, Post hole digger, R. L. Leaverton, Powder, gun, F. W. Jones, Powder, gun, F. W. Jones, Powder apparatus for converting fuel into, G. J. Weber, Power transmitting and braking device, J. C. Blevney, Printing machine wiping device, W. Fullard, Projectile and fuse, L. Julig, Pull socket, H. Hubbell, Pulley, expansion, P. Jacobsen, Pulling over machine, A. F. Preston, Pulp, apparatus for separating clean from refuse chips in the manufacture of wood, T. F. Burgess, Pulp compressing apparatus, collapsible mandrel for, G. H. Shaw, Pulp compression apparatus, G. E. Shaw, Pump, oil, W. A. Maybach, Pump or force blast blower, rotary, J. Kirkwood, Pump, rotary, G. A. Walker, Pumps, automatic shut off for electric, Fox & Lowther, Pumps, cylinder charging valve for, C. C. Worthington, Rail, compound, E. G. Stein, Rail joint, H. T. Denmore, Rail joint, Shipe & Gleason, Rail joint, A. Barr, Railway appliance, automatic, S. W. Huff, Railway carriage coupling, automatic, G. Laczy, Railway electric signaling apparatus, W. Hume, Railway sectional conductor electric, K. Hora, Railway signal apparatus, S. F. Clouser, Railway switch, M. S. Farmer, Register, G. W. Korn, Resistance coil, C. Eastwood, Respiratory apparatus, E. Giersberg, Reversing mechanism, C. S. Labofsh, Ridge breaker, R. Baldrige, Riding habit, J. A. Ondrak, Rock crusher, W. R. Young, Salt and making same, triple, E. Courant, Sawmill carriages, means for automatically controlling, Thomas & Lockwood, Saw set, gage, swage, and jointer, combined, A. B. Edmonds, Saw sharpening machine, R. P. Phelps, Scale computing, M. F. Knox, Screw cutting die head, P. F. Maines, Seal press, A. Krah, Seaming and edge rolling machine, combined double, B. H. Larkin, Seams of sheet metal can bodies, machine for automatically sweating or uniting without solder the side, Norton & Kennedy, Seeding machine, W. T. M. Brunner, Seeding machine, V. Korejs and J. Khebl, Setting tool, J. Kydd, Sewer inlet, Garrett & Pauly, Sewing machine adjustable trimming attachment, H. A. Klemm, Sewing machine feed mechanism, H. A. Klemm, Sewing machine table, folding, A. Morley, Shade and curtain hanger, J. Pfeifer, Shades, holding fixture for spring actuated, J. H. Milans, Shingle packer, F. Campbell, Shoe cleaning and polishing machine, McKee & Matheny, Shoe cleaning machine, W. Richardson, Shoe case fastener, P. Olsen, Signaling apparatus electric, F. B. Herzog, Skipping rope, musical, C. W. Edwards, Slate, W. F. Hahn, Soldering device, Crane & Holton, Soldering or uniting seams of sheet metal cans, machine for, E. Norton, Sound and ventilating auditoriums, means for reflecting and distributing, T. Boyd, Speed recorder and register for vehicles, Francke & Schwabacher, Spinning ring, D. Harrington, Spraying device, C. T. Childers, Staging bracket or support, H. B. Cramer, Stair lift, J. M. Dodge, Stamp affixing device, W. Wright, Station indicator, A. Cope, Steam engine, etc., F. J. E. Johansson, Stethoscope, R. C. M. Bowles, Stone ripping machine, M. J. O'Connor, Stool back, G. L. Case, Stopper, See Bottle stopper, Storage battery, W. Taylor, Stove, W. Heuermann, Stove, E. E. Walters, Stove attachment, Soehnen & Rohlf, Stove, heating, C. C. Pfeifer, Stove, magazine heating, J. W. Norxon, Stove, vapor burning, S. B. Keffer, Stoves, heat radiating and tempering screen-drum for, J. R. McCoy, Strainer and filter, rain water, Burger & Kemp, Street sweeper, Z. Whittemore, Sugar, manufacturing, Lavollay & Bourgoin, Surgical use, scarificator for, L. G. Langstaff, Swimming appliance, F. Minkus, Tanbark leaching apparatus, E. F. Smith, Tanks, automatic signal apparatus for liquid holding, J. E. Johnson, Telegraph, F. E. d'Humy, Telegraph circuit, multiplex, L. A. McCarthy, Telephone or telegraph circuits, transfer board for, A. B. Chance, Threshing machine, J. E. & F. L. Elder, Threshing machine, Conover & Miles, Ticket, transfer, M. Washburn, Tickets or checks, means for delivering and glazing, Mueller & Langenbeck, Tire inflating device, vehicle, M. M. Sinnott, Tire, pneumatic, Stearns & Haines, Tire, vehicle, J. F. Lober, Tobacco case, Wagner & Santers, Tobacco drying, cooling and ordering machine, J. D. Goodwin, Tobacco pipe, T. Dugan, Tool holder, C. H. Jenkins, Top, spinning, G. V. Sanborn, Toy bank, J. G. Mayes, et al.,

Table of inventions including: Toy, locomotive, D. P. Clark, Train robber intercepting apparatus, automatic, J. S. Johnson, Trap, W. J. Holland, Traveling bag, telescopic, E. U. Phillips, Trousers, I. E. Mayer, Truck, car, P. M. Kling, Truck, hand, E. J. Murphy, Truck, railway car, F. F. Shafer, Trunk tray fixture, D. Goldsmith, Truss, hernial, A. Hunter, Tube mill guiding device, W. Dicks, Turbine, water meter, J. Schmitz, Typesetting machine, A. V. Ruckmich, Typewriter, E. R. Pastre, Umbrella handle, detachable, F. C. Hull, Umbrella stick, F. C. Hull, Umbrella support, H. N. Thayer, Umbrella tip, W. S. Seymour, Universal joint, A. Vivinus, Upholstery, A. Freschl, Valve actuating means for blowing engines, C. O. Lindroth, Valve, air relief, M. P. Osbourn, Valve, fluid device, R. L. Ambrose, Valve, fluid pressure signal, H. R. Mason, Valve, steam boiler safety, C. Gulland, Valve brake mechanism, G. F. Moore, Vehicle driving mechanism, P. Symestvedt, Vehicle seat, folding, G. F. Kimball, Vehicle splinter bar, A. Kuszmlnk, Vehicle wheel, C. Degrange, Vending machines, etc., receptacle or casing for, H. H. Pulver, Violins, etc., bridge for, A. Hurley, Vise, bench, C. I. Yonge, Wagon seat, W. J. Holland, Waist, skirt, and belt holder, L. A. Emery, Washboard, M. E. Bingham, Water cooling and condensing tower, H. B. Schmidt, Water cooling apparatus, C. A. Falk, Wave motor, W. S. Bryant, Weed cutting and ballast dressing apparatus, V. Berford, Weeder, A. Johnson, Weighing machine, liquid, W. W. George, Wick tube, W. H. Wilder, Wind wheel, O. J. Ziegler, Wire rope machine, E. P. Frederick, Work support, J. T. Summers,

DESIGNS.

Table of designs including: Belt, I. Lewenthal, Belt, H. C. Krause, Belt body or similar article, I. Lewenthal, Belt holder, T. Campbell, Bunsen burner mixing tube, T. Stites, Butcher's tool, W. H. Moffitt, Card box, plating, H. M. Altman, Carriage running gear brace, R. D. Woodford, Curb, metallic, J. N. Harrison, Display stand, jewelry, W. J. Drain, Jr., Gem setting finger ring, solitaire, C. T. Wittstein, Gem setting, solitaire, A. H. Wittstein, Hammock fabric, I. E. Palmer, Hose supporter, F. A. Freeman, Manicure blade, A. N. Clark, Purse top or similar article, S. A. Keller, Puzzle board, T. C. Washington, Reflector for artificial lights, O. A. Myzatt, Rein support, T. N. Mathias, Surgical rubber pad, W. P. Richards, Vehicle body, W. S. Rogers, Vessel, B. P. Wagner, Watchcase, C. L. Depollier,

TRADE MARKS.

Table of trade marks including: Ale, Frank Jones Brewing Co., Books, certain named, C. L. Dressler & Co., Carpet sweepers, Bissell Carpet Sweeping Co., Castings, sanitary, Essex Foundry, Chocolate and confectionery, coatings for, H. H. Ottens, Corn oil, corn oil cake, and meal, including germ meal, National Starch Co., Cuts, certain named, National Starch Co., Feeds, gluten, National Starch Co., Filters, portable and stationary, Celler Filter Werke, Gesellschaft mit Beschränkter Haftung, Fish, preserved, Seacoast Packing Co., Flour, wheat, Listman Mill Co., Food, cereal, C. G. Vary, Fuel, artificial, Randall Synthetical Coal Co., Game, parlor, W. Fuld, Lures, artificial, G. H. Burtis, Metal, including gluten meal, National Starch Co., Metal pipes, flexible, Metallschlauchfabrik Pforzheim (vorm. Hch. Witzemann), G. M. B. H., Pills, resolvent, Potter Drug & Chemical Corporation, Remedy for a certain named disease, H. Mayes, Remedy for diseases of the mouth and throat, Ozo Remedy Co., Roundabouts, hydraulic, Aquarama Co., Sanitary appliances, certain named, Sumner & Goodwin Co., Saws and springs, J. N. Eberie & Cie., Silk warp fabrics for dress goods and linings, T. Michau & Co., Tea, coffee, cocoa, and chocolate, Mazawattee Tea Co., Tires, vehicle, New York Belting & Packing Co., Toys and display trays or carrier for toys, R. W. Beiser, Trousers, L. D. Levy, Washing machines, E. H. Huenefeld, Whisky, E. J. Quinn,

LABELS.

Table of labels including: "Animals," for macaroni, C. F. Mueller & Co., "Aperient Elk Splits," for beverages, Andrew Lohr Bottling Co., "Busy Bee," for cigars, E. de Baerlein and C. Blesse, "Caloric Punsch," for punch, B. Lindqvist & Co., "Carter's National Bank Ink," for ink, Carter's Ink Co., "Dys-Pep-Cide," for a medical compound, C. D. Voorhees, "Knight's Consumption, Bronchitis, Asthma Cure," for medicine, A. Knight, "Malt-Too," for a food preparation, Malt-Too Flake Food Co., "Perfumol," for breath perfume, Perfumol Co.,

PRINTS.

Table of prints including: "Clothing," for clothing, W. C. Both, "Priscilla," for skirt fasteners, Goodspeed Mfg. Co.,

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, will be furnished from this office for 10 cents, provided the name and number of the patent desired and the date be given. Address Munn & Co., 361 Broadway, New York. Canadian patents may now be obtained by the inventors for any of the inventions named in the foregoing list. For terms and further particulars address Munn & Co., 361 Broadway, New York.