

[OFFICIAL]

INDEX OF INVENTIONS

FOR WHICH Letters Patent of the United States were Granted in the Week Ending, May 23, 1876, AND EACH BEARING THAT DATE.

[Those marked (r) are reissued patents.]

A complete copy of any patent in the annexed list, including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co., 37 Park Row, New York city.

Table listing inventions such as Air motive power, Alarm, burglar, Bag, grain, Bale tie, Basket, grain, Bath tub, back support, Beds, hinge for, Bird cage, J. D. Heins, Bird cage hooks, Osborn & Drayton (r), Blasting powder, J. H. Dolde, Boat, life, J. F. Cosgro, Bolter, cast iron sectional, J. W. Hard, Bolter, domestic, J. McConnell, Bolter, sectional steam, W. P. Skiffington, Bolter, steam, G. H. Corliss, Bolter, steam, S. Smith, Bolter, wash, E. M. Mallett, Bolt and chain, door, W. R. M. Adams, Boot and shoe, S. F. Pray, Boot heels, burnishing, E. C. Lambert, Boot, waterproof, H. D. Osgood, Boot tree, J. H. Sampson, Boots, screw rolling machine for, C. Tyson, Bread machine, W. P. Jones, Brick and tile machine, P. H. Kells, Brick machine, J. Bonshire, Brick machine, J. Denning, Bridle bit, L. Earhart, Buckle fastener, R. Meyer (r), Bung borer, A. M. Norton, Burial case, T. E. Daniels, Burial case, J. B. Morray, Burial case mold, T. E. Daniels, Burner for lighthouse lamps, J. Funck, Burner, lamp, H. A. Chapin, Butter worker, M. Hutchinson, Button and stud, sleeve, E. Verpillier, Calendar, automatic, M. H. Paddock, Camp kit, M. A. Stephen, Can, A. R. Waller, Can spout cap, W. Collins, Car coupling, W. H. Farris, Car coupling, W. R. Keachie, Car coupling, C. H. Knowlton, Car heater and ventilator, E. S. Jenison, Car heater and ventilator, H. Maey, Car, street, L. Wood, Cars, driving fan blowers in, J. H. Wickes, Carpet stretcher and tack driver, J. M. Farrar, Carriage lifting frame, C. F. Haynes, Carriage top, G. E. Spare, Caster, furniture, G. B. Warren, Cattle, feeding salt to, Winterscheid et al., Chain, ornamental, J. L. Heeley, Chair, R. Skoog, Chair, cradle, etc., combined, J. H. Leamond, Chair, rocking, M. Schrenkelsen, Cheese vat, Howe & Hill, Chimney tops, making fire, H. McMahan, Churn, A. L. Starkey, Cigarette machine, J. A. Marengo, Clasp for supporting garments, E. W. Philbrook, Clothes wringer, W. F. & H. L. Williams, Clothing seam, ornamental, J. H. Nichols, Coal, mining, P. Sheldon (r), Coal screen, wire loom for, C. P. Seltzinger, Coal scuttle, A. F. Burnett, Compass, mariner's, J. McNabb, Concerinas, etc., bellows for, L. T. Simon, Condenser for purifying grease, S. N. Hartwell, Condenser regulator, G. H. Corliss, Cooker, steam, W. F. Guernsey, Cooler, milk, G. Hofstatter, Coop, folding, J. O'Connor, Copy holder and galley stand, C. R. Brainard, Coughs, etc., remedy for, M. Battaglia, Currycombs, C. A. Hotchkiss, Cradle, J. H. McLean, Cullinary vessel, D. J. Esser, Cultivator, D. C. Tanner, Cultivator, wheel, E. M. & M. L. Kissell, Curtain cord tightener, H. Resley, Desk, school, J. W. Childs (r), Desk, school, A. W. Hempleman, Digger, potato, C. Small, Ditching machine, Skinner & McClure, Doll head, C. Wiegand, Door hanger, S. H. & E. Y. Moore, Door, screen, J. Palm, Dowelling machine, A. P. Merchant, Dryer, E. W. Bakewell (r), Ear muff, C. Sedgwick, Egg box, J. L. Stevens (r), Elevator, J. Meyer, Elevator, hydraulic, C. A. Chandler, Envelope, L. P. Hays, Evaporator, gyro, E. H. Gouge, Explosive compound, J. H. Dolde, Fabrics, molding, W. H. Hart, Jr., Fabrics, measuring packaged, E. Morgan (r), Fare controller and indicator, L. Von Hoven, Faucet, A. Tomeska, Felt cloth, poncing, H. S. Richardson, Fence, portable, O. Thomas, Fence post, J. E. Phillips, Fence wire, L. B. Smith (r), Fencewire, barbed, C. H. Salisbury, Fire arm, breech loading, E. Hughes, Fire arm, breech-loading, N. King, Fire arm, breech-loading, J. C. Welles, Fire arms springs, attaching, W. A. Richardson, Fire kindler, D. B. Goewey, Fishing, spoon hook for, L. S. Hill, Floor cloth, making, Hulse & McKay, Flower basket, J. H. Meyer, ue cleaner, A. Crosby (r), nozzle or jet for, C. E. Foster

Table listing inventions such as Fruit lifter, W. McCormick, Fuel artificial, F. Dixon, Furnace, hot air, D. Boyd, Furnace, hot air, W. H. Lotz, Gas, making, E. J. Jerzmanowski, Gas governor, R. H. Plass, Gas, making, J. S. Williams, Gas, making, E. J. Jerzmanowski, Gas, making, E. Stern, Gas regulator, J. R. Hall, Gate, farm, A. J. Grady, Generator, water coil steam, B. S. Benson, Globe and shade holder, hot air, L. E. Fish, Governor, steam, J. W. Clark, Grain binder, H. H. Bridenthal, Jr., Grain binder, Culbertson & Edgar, Grinding ring dress, E. S. Howland, Hammers, hanging for revolving, G. H. Pond, Harness, F. Reynold, Harrow, A. Kehm, Harrow and cultivator, H. Butner, Harrow and field roller, M. Hutchins, Harrow and roller, J. Hartinger, Harvester, C. C. Bradley, Harvester, corn, S. Johnston, Harvester, corn, J. I. and W. J. Mettler, Harvester, corn, J. D. Miller, Hatchway, Hackett & Moessner, Hay carrier, E. L. Walker, Hay loader, J. W. & E. Small, Health lift, W. B. Blake, Heater, L. West, Hinge, J. K. Gillman, Horse blanket, A. Crittenden, Horseshoe calk, G. M. L. McMillen, Horseshoe nails, finishing, E. Suckow, Hoses, H. G. Hubbard, Hose pipe coupling, G. H. Buzzell, Hose pipe nozzle, R. Kendrick, Hydrant, T. Maguire, Icecream freezer, D. J. Rogers, Ice creeper, C. Brodhead, Ice machine, A. J. S., Ice, making, B. Hoppenyan, Implement, combined, T. Davis, Indicator, current, B. W. Hoxie, Instand, S. Darling (r), Ironing apparatus, T. S. Wiles, Ironing board and table, J. A. Geraghty, Isinglass, obtaining, L. Stanwood, Key fastener, E. T. Jenkins, Kiln, brick, J. Bronkar, Knife, shoe, I. A. Dunham, Knitting machine, rotary, G. W. Cummings, Knob attachment, door, S. S. Niles, Lamp extinguisher, F. H. Furniss, Lamp support, W. Westlake, Lamp wick, W. Y. A. Boardman, Lamp wick trimmer, S. Naylor, Latch and lock, H. L. Arnold, Lathe, metal turning, S. W. Putnam, Jr., Leather rolling machine, J. Bright, Liniment, G. Bennet, Locks, securing, Cook & Heath, Loom picker, A. Holbrook, Loom take-up, T. W. Harrison, Lounge, camp, A. Tottingham, Match box, O. H. Hicks, Match box, S. E. Whitney, Measure, foot, F. B. Smith, Mechanical mechanical movement, H. Millingar, Meter, liquid, H. S. Maxim, Millstone dresser, A. Defor, Mop wringer, D. Hoag, Nasal douche, Gassin, Gray & Gassin, Nut lock, Smith & Gill, Organs, tremolo for reed, O. H. Arno, Padlock, A. Delkescamp, Padlock, J. H. McWilliams (r), Paper bag machine, J. H. Balsey, Paper glove band, W. P. Vrooman, Paper jewelry, F. W. Seidewitz, Papers, producing safety, W. C. Syms, Pavement, concrete, A. Pelletier, Pavement, stone, A. Maginnis, Pawl, noiseless, E. Curtis, Pencil, adding, J. J. White, Pencil sharpener, G. P. Schneider, Photographs, negatives, retouching, F. Muravov, Photographic headrest, R. F. Adams, Pill machines, feeding, J. A. McFerran, Pill mold, J. A. McFerran, Pipe cutter, A. C. Wood, Planters, coverer for corn, C. G. Moremen, Plow, rotary, J. K. Underwood, Pocket book fasteners, L. Prahar, Portfolio, J. & C. Quenzer, Postage stamp, S. R. Dummer, Power, sand, S. R. Dimock, Press, J. B. J. Mignon, Price lists, holder for, S. Washburn, Jr., Printing press, C. B. Bottrell, Printing press, E. T. Dockum, Printing press, Woods & Tuttle (r), Pump, W. D. Trahern, Pump supply pipe, J. M. Bailey, Radiator air trap, G. W. Blake, Railway carriage, E. Blochman, Railway rail joint, C. F. Arnold, Railway switches, actuating, T. F. Corry, Rake, horse, J. H. Melick, Raker and cocker, hay, W. J. Mettler, Reaper and harvester, W. Clawater, Register, etc., electric, H. Whitmore, Rein guard, check, C. B. Dickinson, Rein holder, C. Sebke, Roller or pulley, J. J. McCormick, Sash cord fastener, J. Oltz, Saw frame, scroll, H. L. Pratt, Sawmills, conveying refuse from, W. Glue, Saw, scroll, H. J. Cordesman, Jr., Sawing machine, band, H. J. Cordesman, Jr., Sawing machine, drag, Clifford & Cory, Scales, platform, H. Estabrook, Screw-cutting machine, H. K. Jones, Screw driver, J. F. Kingwill, Screw tap, S. W. Martin, Screw, wood, R. J. Nunn (r), Seeding machine, J. B. Birge, Separator, grain, C. & J. F. York, Separator, rotary grain, H. A. Barnard, Sewing machine, Applegate & Webb, Sewing machines, driving, S. F. Burdett, Sewing machine trimmer attachment, L. L. Barber, Shade support, T. F. McGann (r), Shingle, M. McComb, Shoe knife, I. A. Dunham, Shoe last, R. Taylor, Shutter opener, window, J. R. Day, Sleeve, E. Stewart, Sieves, crimping wire for, C. P. Seltzinger (r)

Table listing inventions such as Skates, annealing iron, O. Edwards, Slate, drawing, C. L. Slade, Smoothing iron, self-heating, Jackson et al., Soap holder, Harlow & Bailey, Sole edge burnishing tool, C. S. Field, Spark arrester, Hawkesworth et al., Spinning twisting tube, etc., C. Martin, Stockings supporter, A. M. Weber, Stove covering, Daggett & Keith, Stove pipe joint, J. L. Loring, Stove pipe shelf, Wolf & Saxby, Straw cutter, Kath & Weyner, Stump extractor, J. Cummins, Table, lady's work, L. F. Woodward, Tailor's measure, R. Ender, Teeth, artificial, S. E. Cheeseman, Telegraph, burglar alarm, H. M. Reis, Telegraph key, C. W. Lewis, Telegraph printing, C. A. Randall, Terret pad, J. R. Basiger, Thill coupling, A. L. Zuck, Thill support, J. McCarty, Tile mill, A. N. Hadley, Timber, antiseptic, W. Thilmany, Toaster, F. O. Badger, Tobacco, curing, J. B. Smith, Tool, compound, J. Hunt, Top, musical, E. N. Gallard, Trap, animal, J. C. Linder, Trunk, L. M. Ringwalt, Trunk, E. A. G. Roulstone (r), Tubing, flexible, W. B. S. Taylor (r), Uterine supporters, etc., attaching, C. Yeomans, Vehicle, four-wheeled, W. Buckeridge, Vehicle hub, W. C. Partlow, Vehicle seat lock, Brundige & Hall, Vehicle spring, R. L. Baldwin, Velocipede, A. Knudson, Velocipede, E. A. Wheeler, Ventilator, H. Childs, Vessels, propeller for, G. G. Caldwell, Wagon brake, W. S. & F. Pangle, Wagon, light spring, J. J. Black, Wagon spring, C. Emberger, Walls, decorating, A. Stuebner, Wash bench, G. King, Washing machine, W. Bymaster, Washing machine, J. F. Chesebro, Watch key, J. S. Birch, Watchman's time recorder, A. A. Cone, Water closet bowl, T. G. Knight, Well curbs, expanding, A. A. Peck, Winch, J. B. Hawley, Windmill, G. R. Comstock, Windmill, E. Dice, Wrench, E. H. Beach, Wrench, top, J. F. Dunigan, Yoke, neck, N. Hatt

DESIGNS PATENTED.

Table listing designs such as 3,901, 9,302.—SKIRT BORDERS.—I. Hauser, New York city, 9,303.—ABACUS.—G. M. Kendall, New York city, 9,304.—BEER MUGS.—W. C. King, Union township, Pa, 9,305 to 9,308.—CARPETS.—W. Spurway, Kidderminster, England, 9,309.—VALVE HAND WHEEL.—E. G. Burnham, Bridgeport, Conn., 9,310.—FAN.—M. F. Foster et al., Washington, D. C., 9,311.—SPOON HANDLE, ETC.—L. R. S. White, Waterbury, Conn.

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