

[OFFICIAL.]

INDEX OF INVENTIONS

FOR WHICH Letters Patent of the United States were Granted in the Week Ending December 28, 1875. AND EACH BEARING THAT DATE.

Table listing inventions with patent numbers and names, including Annunciator, electric, Gray (r); Anti-incrustation compound, A. Chavasse; Atomizer, H. R. Spencer; Bale band tightener, cotton, S. H. Gilman; Barrel heater, cooper's, W. N. Moore; Belt, power, S. M. Clark; Blind slats, forming ends for, S. M. Sherman; Blind stiles, boring, J. Boe; Boots, dressing heads of, etc., W. E. Ward; Boot, W. Biddle; Boot-sewing machine, Keats et al; Boot wood shanks, making, W. N. Sprague (r); Bridle bit, J. Stanley; Brush, dust, L. A. Stoll; Buckle, W. E. Aston; Bungs, turning, E. Gunther; Burner, lamp, F. A. Taber; Butter, preserving, F. H. L. C. Sacc; Cabinet, business, Ransom and Peugh; Car brakes, operating, J. Kirby; Car coupling, H. W. Chase; Car, refrigerator, A. Thomas; Car, refrigerator, J. Turner; Car ventilator, G. F. Godley; Cars, runner for railroad, L. O. Root; Cartridge belt, D. Taylor; Chairs, book supports to, F. P. Musser; Chair head rest, dental, E. T. Starr; Cigar cutter, J. Shepard; Clock striking mechanism, A. Schmidt; Clock lock work, R. T. Andrews; Collar ends, etc., pasting, C. Spofford; Compass, mariner's, E. S. Ritchie (r); Cork stopper, J. I. Flanagan; Cultivator, J. W. Chase; Doorscreen, A. A. Carter; Door spring, A. B. Chatfield; Drying wheel, steam, Medbery et al; Enameling, moldings for, M. A. Owens; Engine, rotary, C. H. Kurtz; Engine, rotary steam, C. W. Floeckher; Engine valve gear, steam, C. H. Breed; Excavator, locomotive earth, A. Hawley; Fabrics, measuring, S. C. Talcott (r); Fats, rendering, H. Halvorsen; Feather renovator, Ballard and Wirt; Feed water apparatus, B. W. Felthousen; Felly joint clip, D. T. Bowerman; Fence, flood, E. C. Huffaker; Filter, T. R. Sinclair; Fire arms shell extractor, O. F. Cole; Fire extinguisher, S. S. Newton; Fireplace, D. Hayes; Fireplace heater, W. D. Guseman; Fireman, helmet for, J. E. Spear, Jr.; Flour bolt, W. J. Merritt; Fruit picker, J. Mooney; Furnace, steam boiler, C. E. Robinson; Game tables, waiter for, G. W. Marble; Gas generator, W. McKnight; Gas machine, T. B. Fogarty; Gas stove, H. D. Hawley; Gate, farm, W. J. Hollis; Globe stand, E. G. Durant; Gold washer, J. S. Calvert; Grain blinder, J. F. Appleby; Hay loader, G. E. and A. S. Peck; Heel-polishing machine, Joint and Dunham; Hook, snap, J. B. Tainter; Horseshoe, A. Moffit; Horseshoe and swage, S. N. Stephenson; Hydrant, S. Blackie; Implement, combined, L. Schaeffer; Indicator, station, J. P. Rhoades; Klin, brick, A. Morand; Klin, firebrick, W. T. Christy; Knitting machine, C. J. Appleton; Lamp, A. French; Lamp, C. F. Spencer; Lamp, G. M. Stevens; Lamps, lighting street, Falcon and Isminger; Lance, bomb, P. Cunningham; Land leveling, T. R. Lowe; Leather-rolling machine, Linsley et al; Letter file cabinet, W. A. Amberg; Letter sheet and envelope, R. W. Barnes; Lime klin, Brockman and Stueve; Locomotive signal light, A. Dick (r); Loom, fringe, C. R. Saatweber; Loom picker fastening, L. J. Labounty; Loom shuttle box, I. G. Chandler; Looms, warp beam apron for, L. J. Labounty; Lubricating compounds, H. V. P. Draper; Mail bag, G. O. Clark; Mat, table, C. Weber (r); Mattress and bedstead, J. J. Bowen; Mechanical movement, G. Juengst; Mining machine, A. Crombie; Needle, sailmaker's, H. M. Jenkins; Organ attachment, reed, H. R. Moore; Padlock, G. R. Cutbirth; Pan, frying, B. Morahan; Paper box machine, R. Grimm; Paper collars, cutting, H. J. Medbery; Paper cop tube, J. McCausland; Pavement, W. W. Hubbell (r); Pavement, wood, S. Houston; Pegging machines, L. Goddu; Photographic head rest, J. J. Hayes; Picture and letter block, J. Dennis, Jr.; Picture exhibitor, L. H. Sheppard; Pin, safety, N. M. Phillips; Pipes, etc., package for tobacco, I. Demuth; Pishing machine, Frank and Spire; Pishing machine, L. Houston; Plow, A. Hall; Plow jointer, H. Gale (r); Plow, steam, B. S. Renson; Potato masher, R. Crane, Jr.; Pots, strainer for coffee, R. E. Clark; Press, elder, L. O. Rockwood; Printing press register, Schofield and Baker; Puling, Bettes and Howle (r); Pulmonary diseases, remedy for, J. O. Slemmons; Pump, W. Barnes; Pump, double-acting, H. Van Doren; Pump piston, force, G. W. Gilmore.

Table listing inventions with patent numbers and names, including Purifier, middlings, A. Crabtree; Purifier, middlings, J. L. Willford; Railroad bulletin box, W. T. Jacoby; Railroad switch, S. E. Linton; Rice hulling machine, J. Jouet; Roller and marker, land, J. M. and G. R. Hunter; Sash holder, H. T. Michsack; Sausage machine, H. P. Rankin; Sawmill head block, S. White; Saw teeth, circular, A. F. Diamond; Seeder yielding teeth, etc., C. P. Hewett; Separator, seed, Catchpole and Stidolph; Sewing machines, J. E. A. Gibbs; Sewing machine, A. Floss; Sewing machine needle, H. M. Jenkins; Signaling device, H. Kinnersley; Skirt adjuster, A. S. Gear; Snow-melting machine, J. Cody; Soldering apparatus, L. McMurray; Spark arrester, D. Allard; Spilke, G. N. Sanders; Stones, gathering, M. Miller; Stove, S. Wood; Stove gas, M. Q. Hawley; Stove grate, G. R. Moore; Stove polish, C. E. Teets; Straw cutter, J. Grimm; Table leaf support, D. Jackson; Table met, C. Weber (r); Thrasher and huller, clover, G. J. Utendorf; Tobacco curer, J. C. Millner; Toy building block, L. Schmetzer; Trunk, J. A. House; Truss pad, I. N. Foote; Twisting machine, J. Capstack; Umbrella stand, C. A. Laurence; Under garment, L. P. Bonney; Velocipede, G. W. Marble; Veneering, wood for, Spurr & Prang; Violins, chin rest for, H. W. White; Wash board, L. M. Crosby; Washboard, A. J. Hull; Washing machine, W. Goforth; Washing machine, D. Louis; Water closet valve, J. P. Hyde; Wells, petroleum, W. L. Hardison; Wells, constructing, C. Holtz; Wells, packer for oil, W. L. Hardison; Wells, packer for oil, L. Stewart; Windmill, A. T. Page; Windmill, W. F. Veber; Window, J. A. Holmes; Wire rope, F. W. Roebling; Wrench, screw, J. H. Coes.

DESIGNS PATENTED.

Table listing designs patented with names and locations, including 8,866.—GLASS SHADES.—T. B. Atterbury, Pittsburgh, Pa.; 8,867.—BAND COMBS.—F. Britton, New York city; 8,868, 8,869.—INKSTANDS.—B. Brower, New York city; 8,870.—INKSTAND BASE.—J. V. Brower, New York city; 8,871.—BEAD.—S. Cottle, New York city; 8,872.—BAND COMBS.—E. M. Drake, New York city; 8,873.—FLAG.—W. A. Duff, Philadelphia, Pa.; 8,874, 8,875.—CARPETS.—H. F. Goetz, Boston, Mass.; 8,876.—PRINTING SILK, ETC.—S. Huber, Philadelphia, Pa.; 8,877.—PICTURE FRAME.—R. Minshull, Pittsburgh, Pa.; 8,878.—BREASTPIN.—S. Pfaelzer, Philadelphia, Pa.; 8,879.—STATUARY.—J. Rogers, New York city; 8,880.—CIGAR LIGHTERS.—F. R. Seldensticker, West Meriden, Conn.; 8,881.—SODA APPARATUS.—F. H. Shepherd, Boston, Mass.; 8,882.—COFFIN HANDLES.—W. M. Smith, West Meriden Conn.; 8,883.—CARPETS.—T. J. Stearns, Boston, Mass.

CANADIAN PATENTS.

Table listing Canadian patents granted in Canada, including 5,529.—E. P. Richardson, Lawrence, Mass., U. S. Pegging machine. Dec. 23, 1875; 5,530.—G. W. Kennedy, Hatley Township, P. Q. Combination stove heater. Dec. 23, 1875; 5,531.—F. B. H. Saxton et al., Strathroy, Ont. Seed, corn and bean planter. Dec. 23, 1875; 5,532.—J. C. Smith, Dunkirk, N. Y., U. S. Manufacturing paint. Dec. 23, 1875; 5,533.—W. Dorr, Gardner, Me., U. S. Railway car coupling. Dec. 23, 1875; 5,534.—S. H. Marsh et al., Brasher Falls, N. Y., U. S. Cattle stall. Dec. 23, 1875; 5,535.—R. O. Paterson et al., Cheltenham, England. Process for obtaining salts of ammonia. Dec. 23, 1875.

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