

[OFFICIAL.]

INDEX OF INVENTIONS

FOR WHICH

Letters Patent of the United States were Granted in the Week Ending

November 18, 1879,

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, or any patent issued since 1837, 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 various inventions such as Air compressor, Air injecting nozzle, Alumina making sulphate, Animal trap, Anvil and vise, Audiphone, Auger, Axle box, Ball ear and lifter attachment, Bark reducing machine, Barrel pivot clutch, Bell striking mechanism, Berth, sleeping car, Bias strips, Boiler and other furnaces, Boiler furnace, Bones, retort and furnace for calcining, Boot and shoe last finishing machine, Boot and shoe lasting machine, Boot and shoe sole channeling machine, Boot and shoe uppers, machine for lasting, Boot treemg machine, Bottle stopper, Box nailing machines, Bracket, Braid pin, Braid, etc., Brewer's boiler, Broom holder, Buckle, Bung, Butter package, Buttons, Calendar and clamp, Camera screen attachment, Can and cover, Car coupling, Car heater, railway, Car, railway, Car window, Carbon sheets, Carboy, Carbureting apparatus, Carpet beating machine, Carpet stretcher, Carpet sweeper, Carriage boot, Casting puppets, Chain link, Chains, making ornamental, Chimneys, locomotive and other, Chuck, lathe, Churn, centrifugal, Cigar mould, Clevis, plow, Clothes pounder, Clothes wringer, Cockerle separators, Concrete skip, Condenser, Copying, water well and brush, Corset busk, Cotton picking machine, Cotton press, Cotton press, A. H. Langill, Crudbles, Cultivator, Cuspadore, Damper rods, Derrick, Door check, Dredging machine, Driving bit, Egg carrier, Envelope machine, Eyelashes, Fan attachment, Faucet, Feed and vegetable cutter, Feeding device for horses, Fence post, Fifth wheel, File, paper, Finger ring, Fire escape, Fire lighter, Fruit tongs, Furnace grate bar, Grader and stalk cutter, Grate, parlor mantel, Grinding mill, Grooving iron, Hammock, Harrow, Harvester grain elevator, Harvester rake, Hat and other head covering, Hat felting machine, Head rest, Heel trimming machine, Hog cholera compound, Horseshoe pad, Hub attaching device.

Table listing various inventions such as Ice machines, Insect destroying apparatus, Joint for water and other pipes, Key box, safety, Kiln for boiling and calcining gypsum, Ladder, fruit, Ladder step, adjustable, Lamp attachment, street, Lamp burner, Lamp holder, Lands, reclaiming low, Lantern guard, Lathes, device for securing the tall stocks of metal turning, Lead and crayon holder, Leather splitting machine, Lever, carpenter's, Lighting device, Liquoring apparatus, centrifugal, Liquoring apparatus, centrifugal, Loom, J. & C. Rothwell, Loom harness mechanism, Meat preserving, Metal or brass, etc., manufacture of yellow, Mill feeding apparatus, Millstone dress, Millstone driver, Mining sluice, Mirrors, swinging, Motion, mechanism for converting reciprocating into rotary, Motor, Musical instrument, mechanical, Nut lock, Nut lock, D. R. Pratt, Oatmeal machine, Ore reducer and pulverizer, Ore separator, Paint and roofing compound, Paint can, Paper bag, Paper mill rag engines, bed plate for, Paper, etc., treatment of pine leaves for the manufacture of, Pegging machine, Pen and pencil case, Pen, fountain, C. Henkman, Permutation lock, Pigments of white lead, etc., making, Planing machine tables, adjustment of, Plow, Plow, J. I. Eavenson, Pressure regulator and indicator, Printing and folding machine, Printing machine sheet delivering apparatus, Pruning implement, Pulley block attachment, Pulley sheave, Pump, Bean & Aldrich, Pump, G. W. Dawson, Railway brake, vacuum, Railway, elevated, Railway track, portable, Rattan scraping and stripping machine, Refrigerator, Rein rounding machine, Saw handle, Saw set, Saws, machine for sharpening cotton gin, Sawing machine gauge, circular, Sawing machines, mitering attachment for, Scales, pendulum, Screw nail, Seeding machine teeth, locking device for, Sewerage, Sewing machine cording attachment, Shaft support, vehicle, Shirt, Shutter bower, Sirup can, Slate cleaner and pencil holder, combined, Spinning ring and mechanism for adjusting the same, Stamp, hand, Stamp, hand, B. Hill, Stamp mill cam, Moore & Dykes, Stamping spools, machine for, Steam boiler, G. Mann, Steam heater, J. B. Pierce, Stereotype moulds, composition for, Stereotype plate, Stone crusher, T. A. Blake, Stove, C. Portway, Stove and range door, Stove, camp, Stove, gas, Stove pipes, heating attachment for, Stove, ventilating school house, Stump extractor, Sugar in centrifugal machines, apparatus for liquoring, Suspender buckles, strap pulley support for, Target balls, spring trap for throwing, Telegraph, duplex, Telegraph line, underground, Tellurian, Tiles, compound for drain, Time lock, Tire tightener, Tobacco, process and apparatus for curing, Torpedo, oil well, Toy, E. L. Morris, Traction engine, Treadle power mechanism, Truck hand, Tunnels, conduits, etc., building subaqueous, Type setting machine.

Table listing various inventions such as Vehicle spring, Wagon cover, Wagon jack, Wafter, invalid, Warping and beaming machines, expanding reel, Watch winding attachment, Water, apparatus for raising, Water closet, etc., valve, T. Hennessy, Water elevating apparatus, Water elevator, Water meter, J. H. Coombs, Weather board gauge, Weeder or scraper, Weighing apparatus, Wells, device for supporting tubing or pipes in oil, Whip, J. E. Curtis, Wind engine, M. D. Cummins, Work basket stand, Yarn, machine for winding.

DESIGNS.

Table listing various designs such as Carpet, J. T. Webster, Carpet, H. Christie, Carpet, M. R. Louden, Carpet border, C. Magee, Oil cloth, C. T. & V. E. Meyer, Overshoes, G. Watkinson, Pocking chairs, J. Partridge, Spoon, J. M. Culver, Stoves, A. C. Barstow, Table service, E. Chetwynd, Visiting cards, P. Hake.

English Patents Issued to Americans.

Table listing various English patents issued to Americans such as Bung, W. H. Stewart, Buoy, E. E. Mann, Carding machinery, H. B. Dunham, Chairs, rocking and cradles, Walter Heywood Chair Company, Worcester, Mass., Cigarette machine, L. J. Bejottes, Clasp, A. W. Magerhans, Clock, A. E. Hotehikiss, Coupling for belts, Clunan & Warren, Crushing machinery, H. B. Dunham, Electric lamps, T. A. Edison, Electricity, generating, E. I. Houston, Engines, locomotive, etc., H. F. Shaw, Extracting ammoniacalsalts, W. F. Nast, Flour machinery, T. Wallace, Handles for tools, Underhill Bros., Horseshoe, Dewey & Co., Letters, classification of, W. A. Amberg, Needle making machinery, T. F. Tillinghast, Nozzles for air injectors, D. C. Green, Paper, manufacture of, W. F. Nast, Ramming machine, steam, S. Johnson, Sawing machinery, H. Young, Saw strap, E. Marx, Spray of air and water, apparatus for producing for furnaces, M. W. Hazelton, Steam boiler, E. Elvin, Telegraph wire, protecting, C. Linford, Telephones, conductors and cables for, Holmes & Greenfield, Brooklyn, N. Y., Wagon axle, C. W. Ball.

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