

[OFFICIAL.]

Index of Inventions

For which Letters Patent of the United States
were granted

FOR THE WEEK ENDING MAY 21, 1872, AND EACH
BEARING THAT DATE.

Acid, manufacture of sulphurous, N. P. Aken.....	127,008	Ice tongs, E. Bacher.....	127,012
Air, apparatus for carbureting, H. G. Dayton.....	127,031	Iron, process of preserving, W. H. Sterling.....	126,909
Auger, earth, X. Earle.....	126,941	Iron, reducing the ores of, T. S. Blair.....	126,922
Bag holder, Vance and Rogers.....	127,122	Iron and steel from iron sponge, manufacture of wrought, T. S. Blair.....	126,923
Bath apparatus, medicated, J. Davenport.....	126,878	Iron sponge, T. S. Blair.....	126,924
Bayonet scabbard, E. Rice.....	127,104	Kiln, H. Aken.....	127,007
Bed bottom, spring, D. McMurphy.....	126,977	Knobs to their spindles, attaching, Gill and Baker.....	127,046
Bed bottom spring, L. Hull.....	127,057	Knobs to their spindles, attaching, E. M. and J. E. Mix.....	127,089
Bed bottom, G. D. Leonard.....	126,970	Lamp cooking apparatus, J. G. Covey.....	126,874
Bed, sofa, M. Crosby.....	127,029	Lamp, hydrostatic, E. D. Kendall.....	127,067
Bedstead, invalid, C. G. Kuhn.....	127,070	Lamp, Silber and White.....	127,108
Bell, gong, etc., striking apparatus for, C. and G. M. Stevens.....	126,992	Lamp, hydrostatic safety, H. S. Whitfield.....	127,004
Bell shifter, W. H. H. Sisum.....	127,109	Last, shoe, W. J. B. Mills.....	126,896
Beton, hydraulic, J. Drivet.....	126,940	Latch, door, S. W. Skinner.....	126,907
Billiard cushion of rubber and gutta percha, J. Murphy, (reissue)....	4,912	Leather, mode of covering rounded articles with, J. H. Osgood.....	127,098
Blind for house, inside, Wright and Thompson.....	127,006	Lightning rod, J. M. Mott.....	127,094
Boat, machinery for propelling, E. Savage.....	126,906	Lock, permutation, J. T. Taylor.....	127,117
Bolt for barn door, etc. W. Campbell.....	127,024	Loom, J. Hillsley.....	127,055
Book holder, C. Phelps.....	126,901	Medical compound, W. H. Barker.....	127,014
Boot jack, H. Crocker.....	126,876	Medical compound, H. D. and L. D. Jewett.....	127,060
Boots and shoes, heel for, I. Banister.....	127,013	Medical compound, G. D. H. Gay.....	126,882
Boots and shoes, manufacture of heel stiffener for, J. R. Moffitt.....	127,093	Medical compound or bitters, J. Frechette.....	126,948
Boring machine, earth, C. Vernier.....	127,124	Medical compound, J. H. Wilson.....	127,005
Boring machine, C. E. Pierce.....	126,982	Metal bars, machine for upsetting, A. Kloman, (reissue).....	4,911
Bracket, stair rail, J. C. Kelley.....	127,066	Meter, water and gas, A. and W. Guthrie.....	126,951
Brass or alloy of copper to iron or steel, welding, G. R. Meneely.....	126,894	Meter, water, E. Marsland.....	126,974
Brick kiln, S. M. Hamilton.....	127,050	Meter, water, H. Olney.....	126,981
Bridge and other structures, A. Bonzano.....	127,017	Milk cooler, E. L. Matteson.....	127,081
Brush holder, dust pan, W. M. Conger.....	126,931	Mill, feed, G. W. Gibson.....	126,883
Brush, dust, G. G. Finn.....	126,945	Miter box, C. Caton.....	126,873
Buckle, belt, P. M. Haas.....	127,048	Mop head, A. Field.....	127,037
Buckle, tug, J. C. Barrows.....	126,920	Packing, manufacturing india rubber piston, I. B. Harris.....	126,953
Bug collector, potatio, R. P. Main.....	127,079	Packing for steam engine, manufacture of, J. Glanning, (reissue)....	4,907
Can, paint, J. F. Drummond.....	127,034	Packing for journals, lubricating, J. T. Robinson.....	126,987
Can, transportation oil, J. C. Moore.....	127,092	Packing, piston and valverod, G. Tetley and C. D. B. Fisk.....	126,997
Car starter, W. M. and W. E. Stratton.....	126,993	Paste, preserving and making, G. G. Noah.....	127,097
Car coupling, H. E. Marchand.....	126,973	Pavement, wood, M. Flanigan.....	126,881
Carburetor, J. B. Fish.....	127,039	Pen holder tip, D. M. Somers.....	127,113
Cards, mounting for show, B. T. Harris.....	126,885	Photographic lens, R. Morrison.....	126,980
Carriage spring supporter, N. A. Newton.....	127,096	Pipe elbows, machine for making, L. C. Goodale.....	126,884
Carriage wheel, J. A. Johnston.....	127,063, 127,074	Piping, machine for making, J. Ayres.....	126,864
Carriage propeller, G. T. Palmer.....	126,900	Plane, bench, M. Chittenden.....	127,026
Carriage seat, S. P. Graham, (reissue)....	4,908	Planter, seed, A. Richards.....	126,885
Carriage axle, gage for setting, L. Taylor.....	126,995	Plow, draft attachment to, S. H. Dailey.....	126,934
Cartridges, etc., implement for loading, H. B. Hooker.....	126,962	Plow, B. F. Baker.....	126,865
Cartridge shells, die for making, J. Gardner.....	126,949	Plow, J. S. Hall.....	126,952
Carving machine, B. J. Tayman.....	126,994	Plow, wheel, W. C. McCook.....	126,976
Cement manufacturer of hydraulic, D. O. Saylor.....	126,989	Plow, H. B. Smith.....	127,110
Chair back, and cradle end, T. W. Moore.....	126,978	Poke, animal, I. W. Sherwood.....	127,107
Chair, easy, D. S. Rice.....	126,984	Printer's block, use of caseine for making, T. J. Denne.....	127,082
Chair seat, G. Gardner.....	127,044, 127,045	Pruning shears, D. Keethler.....	126,888
Chair, folding rocking, C. Klink.....	126,969	Pump reel, sand, H. T. Hunt.....	127,058
Churn, R. Daniels.....	127,030	Pump, steam vacuum, J. M. Morehead.....	126,898
Cigar machine, R. W. Heywood.....	126,580	Pump handle bracket, D. S. Messler.....	127,087
Cigar mold, machine for making, M. H. Heimerdingen.....	126,957	Punching machine, O. Smith.....	127,112
Clamp, J. F. Metz.....	126,898	Rack, clothes and hat, O. F. Burgess.....	127,022
Clothes, device to aid in ironing.....	126,915	Razor strap, S. M. Briggs.....	126,870
Column, wrought iron, A. Bonzano	127,019	Reel, velvet, P. Jürgens.....	126,987
Compound for sewing machine, lubricating, P. Held.....	126,887	Roaster, coffee, G. W. Merrick.....	127,096
Compound for the cure of cholera in hogs, etc., J. and M. J. Holton	126,961	Rope, machine for untwisting and carding, J. Blick.....	126,888
Cornsheller, F. C. Whitley.....	127,127	Rope band, coupling for, H. Babcock.....	126,918
Cornsheller and separator, B. and D. H. Harnish.....	127,051	Sash holder, A. Maxwell.....	126,891
Countersink, L. H. Hunt.....	126,963	Sash holder, W. Patton.....	127,100
Crockery ware, heated molds for forming, Leak, Moore, and Taylor	127,074	Sash balance, B. Frazee.....	126,947
Crutch, L. Crandall.....	127,028	Sash holder, I. Buckman.....	126,872
Cultivator, A. B. Springsteen.....	126,991	Sash holder, C. B. Clark.....	127,027
Curtain cord clamp, G. W. Bishop.....	127,016	Saw teeth, circular, N. Johnson.....	127,061
Door securer, S. A. Pool.....	126,903	Saw mill, N. Johnson.....	127,062
Drill, chuck for holding, W. X. Stevens.....	126,910	Saw, pulley for band, W. H. Doane.....	127,083
Drilling machine, Worcester and Prentice.....	127,132	Saw mill, dog for, D. Chase.....	126,930
Drop light coupling, R. L. Roeschlaub.....	127,105	Sawing machine, Schaufloeffel and Davis.....	127,106
Dye from aniline, manufacture of, R. Pinkney.....	127,102	Saws, machine for dressing the teeth of circular, J. Lough.....	127,078
Dynamometer, recording, L. Miller.....	127,08	Screen frame for window, J. Jackson.....	126,966
Ear, apparatus for applying medicines to the, S. Van Etten.....	127,081	Sewing machine, treadle for, G. Lowden.....	126,889
Electrical spark, apparatus for lighting gas by, J. Vansant.....	127,000	Sewing machine, J. Speirs.....	127,114
Elevating material for building, apparatus for, M. F. Lyons.....	126,880	Sewing machine, A. Stocker.....	126,911
Elevator, Darling and Bones.....	126,935	Sewing machine, ruffler for, E. J. Toof.....	126,918
Elevator, ice, T. C. Wolkington.....	127,131	Sewing machine, motor for, C. L. Wilcox.....	127,129
Elevator and carrier, hay, J. H. White.....	127,003	Sewing machine, case, G. Heckel.....	126,956
Engine, relief valve for fire, A. F. Allen.....	127,039	Sewing machine, corder for, H. Horn, (reissue)....	4,909
Engine, oscillating valve for steam, W. B. Kennedy.....	127,069	Sewing machine, corder for, G. Lowden.....	126,889
Engine, etc., circulation valve for steam, R. Pallett.....	126,982	Sewing machine, J. Speirs.....	127,114
Engine, piston rod for steam, J. F. Carl.....	127,025	Sewing machine, A. Stocker.....	126,911
Equalizer, three horse, A. L., G. J., and T. N. Thomas.....	125,998	Sewing machine, ruffler for, E. J. Toof.....	126,918
Eyeletting machine, J. E. Wiggin.....	126,916	Sewing machine, motor for, C. L. Wilcox.....	127,129
Faucet, H. G. Whitaker.....	127,128	Sewing machine, corder for, H. Horn (reissue)....	4,909
Feed box and stanchion, combined, W. I. and J. W. Harris.....	126,886	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fence, A. A. Garver.....	126,950	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fence wire stretcher, D. J. Denmark and P. P. Hill.....	126,939	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fence, E. Kyes.....	127,071	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fence post, H. S. Palmer.....	127,099	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fence, flood, W. R. McFarland.....	127,083	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fertilizer, J. P. Crutchfield.....	126,933	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fertilizers, etc., treatment of phosphates for, N. A. Pratt & G. Lewis	126,904	Sewing machine, corder for, H. Horn (reissue)....	4,909
Filter, J. Brady.....	126,926	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fireplace, damper for, J. Bridgeman.....	126,927	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fire kindling, J. W. Kennedy.....	127,068	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fish for wood, process for preparing, I. L. Stanley.....	127,115	Sewing machine, corder for, H. Horn (reissue)....	4,909
Flour bolt, Davies and Gerrard.....	126,936	Sewing machine, corder for, H. Horn (reissue)....	4,909
Fork, horse hay, J. R. Benedict.....	126,866	Sewing machine, corder for, H. Horn (reissue)....	4,909
Furnace, rotary pudding, J. Davies.....	126,937	Sewing machine, corder for, H. Horn (reissue)....	4,909
Furnace, steam boiler, M. A. Foster.....	126,946	Sewing machine, corder for, H. Horn (reissue)....	4,909
Furnace, boiler, H. R. Ives.....	126,965	Sewing machine, corder for, H. Horn (reissue)....	4,909
Furnace and cooking stove, heating, B. McConnell.....	127,082	Sewing machine, corder for, H. Horn (reissue)....	4,909
Gas, apparatus, sealing dip pipes of, J. R. Farnum.....	127,085	Sewing machine, corder for, H. Horn (reissue)....	4,909
Gate, H. Brouse.....	126,928	Sewing machine, corder for, H. Horn (reissue)....	4,909
Gate, N. B. Helm.....	126,958	Sewing machine, corder for, H. Horn (reissue)....	4,909
Gin saw teeth, manufacture of cotton, T. C. Craven.....	126,875	Sewing machine, corder for, H. Horn (reissue)....	4,909
Grain binder, N. B. Fasset.....	127,086	Sewing machine, corder for, H. Horn (reissue)....	4,909
Harvester, N. A. Baker.....	126,919	Sewing machine, corder for, H. Horn (reissue)....	4,909
Harvester, S. Crawford.....	126,932	Sewing machine, corder for, H. Horn (reissue)....	4,909
Hay gatherer, A. S. Dean.....	127,116	Sewing machine, corder for, H. Horn (reissue)....	4,909
Heater for steam boiler, feed water, J. Rodgers.....	126,988	Sewing machine, corder for, H. Horn (reissue)....	4,909
Hitching post, J. Melchers.....	127,085	Sewing machine, corder for, H. Horn (reissue)....	4,909
Hoe and rake, combined garden, G. W. Lockwood.....	127,077	Sewing machine, corder for, H. Horn (reissue)....	4,909
Hoisting apparatus, F. H. Hambleton.....	127,049	Sewing machine, corder for, H. Horn (reissue)....	4,909
Hoop poles, machine for splitting, J. Penney.....	126,983	Sewing machine, c	