

INDEX OF INVENTIONS.

Advertising device, T. H. Bowles	19,109	Dumping bottom, W. H. D. Newth.....	19,021
Air purifying apparatus, L. P. Rodrigue et al.....	19,007	Dust arrester, A. Backus.....	18,992
Axle and axle box, R. C. Parvin.....	19,095	Dust from air, separating apparatus, The McIntyre Manufg Co	19,112
“ box, car, J. Timms.....	19,223	Dust pan, F. W. Carpenter.....	19,237
“ scalp for carriage, W. J. Parmelee.....	19,139	“ J. S. Folsom.....	19,233
“ lubricator, car, S. A. Flower et al.....	19,229	Egg-carrier, R. H. Harris.....	19,077
“ self-oiling, C. W. Carrier.....	19,063	Electric circuits, switch board for, The Bell Telephone Co.....	19,234
Bale tie, bag and bundle, D. E. Ladd.....	19,140	Electric lamp, &c., switch for, E. Thomson.....	19,211
Baling press, J. McIver.....	19,037	“ safety self-closing shunt switch, E. Thomson.....	19,245
Bathing apparatus and commode, combined, Q. S. Backus.....	19,076	Electric machine, dynamo, C. Richter.....	19,247
Bed bottom spring, J. M. Keith.....	19,080	“ wires, underground conductor for, R. M. Hunter.....	19,170
Beer cooler, V. Wilhelm.....	18,982	Embroidering machine, J. L. Parks.....	19,097
Belting, leather, F. E. Dixon.....	19,136	Fare box, J. R. Hare.....	18,979
Binder, temporary, J. S. Shannon.....	19,006	Felly plate for wheels, P. W. McGuire.....	19,001
Boat, submarine, C. Jopling, (executor).....	18,998	Fence, J. Elliott.....	19,181
Books, leaf-holder for, A. S. Flint et al.....	19,135	“ J. Newton.....	19,025
Boots and shoes, C. H. Buckley.....	19,202	“ fastener, wire, C. E. Griffith.....	19,216
Bread, mode of manufacturing, M. Croydon.....	19,206	“ post, T. S. Sharon.....	19,014
Brick, building, J. Lee.....	19,177	“ wire, J. B. Oliver.....	19,012
Bridge, combined iron and wood, J. and B. Bear.....	19,194	File paper, H. J. Hoffman.....	19,088
Broom, W. H. Paine.....	19,180	Fire-escape, The New England Fire Escape Co.....	19,070
“ holder, A. Frazier, et al.....	19,150	Fire-escape or life preserver, M. B. Ingersoll.....	19,073
Brush, C. W. Meakins.....	19,026	Fire-engine, steam, W. H. Havens.....	19,009
Buffers, device for preventing lost motion in draw heads, W. B. Turner.....	19,249	Fire-proof safe and vault, H. C. Johnson.....	19,119
Button and stud, T. W. F. Smitten.....	19,110	Flour bolt, J. E. Fiske.....	19,062
Cabinet, potal, L. C. Gray.....	19,111	Forging machine, radial, J. C. Richardson.....	19,258
Cans, machine for holding coal oil, H. G. Waterson.....	19,052	Fruit dryer, W. H. Langhead et al.....	19,118
Cant hook lever, T. Talbot.....	18,994	Furnace, heating, tempering and annealing, A. J. Neills.....	19,005
Car axle lubricator, C. P. Holmes.....	18,986	Furnace, reducing, V. Collan.....	19,023
“ coal, J. D. Madella.....	18,977	Galvanic battery cell, sealed, J. H. Shaw.....	19,207
“ coupler, C. E. Mark.....	19,069	Gas apparatus, J. E. Leadley.....	19,044, 19,048, 19,053
“ “ J. K. Nyce et al.....	19,018	Gas burner, J. A. Wilson.....	19,154
“ “ and buffer, C. Browning et al.....	19,027	Gelatine or glue from hides, &c., J. A. Mathieu.....	19,239
Car-coupling, C. Browning et al.....	19,028	Gold from ores, extraction of, J. Alves et al.....	19,144
“ C. P. Johnson et al.....	19,262	Governor for mechanical power, J. J. Rufe.....	19,185
“ G. E. Hoadley.....	19,115	Grain drying process and appliance, E. Thompson.....	19,210
“ J. Léoturneau.....	19,008	Grinding mill, E. Rhodes.....	19,193
“ J. D. Kiely.....	19,064	“ roller, T. Pringle.....	18,974
“ P. E. Mignault et al.....	19,265	Grinding roll, T. Pringle.....	18,976
“ R. D. Southwood.....	19,263	Halter, J. C. Lighthouse.....	19,003
Car door lock, V. A. Krepps.....	19,187	Harness covering, H. C. Babcock et al.....	19,199
Car roofing, A. W. Gilmore.....	18,988	“ metal lined, D. Curtis.....	19,166
Car wheel chill, J. N. Barr.....	19,175	Harrow-tooth, P. Stanton.....	19,108
Capsules, manufacture of gelatine, J. Krehbiel.....	19,107	“ and seeder, J. S. Corbin et al.....	19,054
Carriage, two-wheeled, G. E. Spare.....	18,993	Harvester, A. Harris, Son & Co.....	19,090
“ running gear, J. Field.....	19,045	“ grain binding, M. E. Blood.....	19,172
Cartridge shell, manufacture of, G. M. Peters.....	19,231	“ “ J. F. Seiberling.....	19,085
Chart and map stand, revolving, H. E. Hayes.....	19,243	“ rake, (The) McCormick Harvesting Ma- chine Co.....	19,092
Cheese bandage and box, combined, F. W. Brenton.....	19,039	Harvester, rake, The McCormick Harvesting Ma- chine Co.....	19,092
Chimney, metallic, S. R. Copeland.....	19,268	Harvesting machine, grain, C. Young, et al.....	19,248
“ protector, J. A. Smith et al.....	19,134	Hatchway, self-closing, R. D. Thackston.....	18,082
“ top and ventilator, J. D. Wright.....	19,020	Hay bale hoops, basketware, &c., apparatus for ob- taining from logs, strips for, D. Duplessis.....	19,261
Churn, R. R. Shive.....	19,049	Hay elevator and carrier, B. and P. G. Strickler.....	19,232
“ S. L. Nelson.....	19,013	“ fork, J. R. Fry, jr.....	18,984
Cigarettes, machine for making, J. Burns et al.....	19,011	“ knife, J. McMillen.....	19,002
Clay, colouring and hardening, J. Ambuhl.....	19,164	“ packing machine, W. C. Johnson.....	19,124
“ tempering machine, J. F. Dorenfeld.....	19,226	“ press, &c., P. Lord et al.....	19,113
Cloth pressing machine, R. Patrick, jr., et al.....	19,056	“ rake, H. Moody.....	19,266
Clothes lines, appliance for, F. L. D. Pearson et al.....	19,246	Hides, preparing for tanning, J. Palmer.....	19,088
Clutch hook, C. Green.....	19,182	Holting bucket, G. P. Brown.....	19,019
Coat sleeve, C. F. Butterworth.....	19,204	Horse power, C. Sandford et al.....	19,117
Cock, invisible steam escape cylinder, T. N. Porter, et al.....	19,147	“ post, F. B. Bignell.....	19,247
Collar pad, horse, W. J. Cochran.....	19,168	“ shoe, spring, H. Dunning.....	19,186
Compass, clinometer, E. F. Macgeorge.....	19,131	“ nail machine, G. F. Capewell.....	18,991
“ self-registering, R. Pickwell.....	19,184	Hoop cutting machine, E. Duplessis.....	19,261
Conductor, water, G. Ringham.....	19,130	Ice crushing machine, J. Y. Fairman.....	18,981
Cream, machine for transporting, F. H. Stanley et al.....	19,123	Inking pad, C. W. Crutinger.....	19,074
Creamer, G. F. Simonson.....	19,072	Intestines, machine for cleansing, S. Oppenheimer.....	19,197
Creamer, W. Howes.....	19,016	Joint for timber beams, scarfed, J. B. Bélanger.....	19,065
Crimping elastic fabrics, machine for, F. Crompton ..	19,198	Kitchen cabinet, H. Hanna et al.....	19,145
Cultivator, E. T. Gregg.....	19,030	Lace fastener, H. H. Porter et al.....	19,255
Curry comb, F. U. Canfield.....	19,120	Ladder for gathering fruits, portable, L. H. Titus.....	19,142
“ H. H. Warren.....	19,083	Lamp, electric arc, E. Thomson.....	19,029
Cylinder lubricator, locomotive, C. B. and C. H. Hodges.....	18,990	Land-roller, E. Horton.....	18,125
Dental engine, hand piece, J. H. Lincoln et al.....	19,146	Lasting machine, J. E. Matzeliger.....	19,217
Designs from paper and to sheets of tin, &c., trans- ferring printed, H. Mathieson.....	19,222	Leather, &c., treatment of, T. Gare.....	19,060
Door mat, H. T. Windt.....	19,254	Leggins, J. A. King.....	19,066
Draw head, device for preventing lost motion, W. B. Turner et al.....	19,249	Lemon and fruit squeezer, T. C. Newman.....	19,195
Dredge, R. R. Osgood.....	19,149	Level pendulum, C. J. and A. W. Parkhurst.....	19,086
		Lock, combination, C. Tregoning.....	19,171