

Nut-locks and washers, K. H. Loomis.....	2067
" " "	2067
Nutmeg grater, T. J. O'Sullivan.....	2139
Oils and varnishes, clarifying, F. Kersting, C. Rudow & B. F. Broadwell.....	2074
Organ, L. K. Fuller.....	2157
Organ, reed, L. K. Fuller.....	2150
Paper pulp propeller, T. Nugent.....	2205
Paper, manufacture of, G. Noble.....	2168
Petroleum, distilling, E. F. Prentiss & H. F. Howell.....	2166
Pipes, metallic, R. A. Ritchie.....	2061
Potato digger, P. M. Bewinshimer.....	2182
Pot tilter and holder, J. Grant.....	2207
Power, transmitting motive, A. D. Fox.....	2170
Printing presses, adjusting cards, etc. on, G. W. Verrall....	2109
Pulley hub, friction, H. Cox.....	2192
Pulp, reducing wood to, W. M. Howland & S. C. Taft.....	2100
Pump, E. Griser.....	2186
Railroad car spring, P. G. Gardiner.....	2117
Railroad chair, A. Van Guysling.....	2127
Railroad rail and fastening, M. F. McIntyre.....	2114
" chair and supporter, A. Van Guysling.....	2128
Railroad cars, safety shoe for, S. W. Emory, E. P. Doyen & W. Sparrow.....	2197
Railway ear wheel, W. Wilmington.....	2212
Railway scabbard and fish plate slice, J. Starr.....	2095
Rake, horse, L. A. Padcock.....	2144
Rein-holder, L. D. Howard.....	2120
Road scraper, W. Thompson.....	2113
Roofing compound, D. G. Conger.....	2132
Roofing, manufacture of artificial, D. G. Conger.....	2124
Safe, fire-proof, J. W. Warner.....	2064
Saw, A. P. Sproul & G. H. Coffin.....	2199
Saw-gate, oscillating, C. P. Meigs.....	2101
Saw-mill, handblock, W. S. & O. L. Jenks.....	2062
Saw-mills, dogs for circular, J. A. Fordon.....	2102
Saws, J. E. Emerson, C. H. Waterous & G. H. Wilkes.....	2094
Screw wood and driver, A. H. Lighthall.....	2163
Seythe snath, F. S. Gilbert.....	2106
Seeding machine, C. E. Patrie.....	2217
Sewing machine, J. F. Kellogg.....	2060
" T. Henderson & W. G. Wright.....	2146
" for boots, M. J. Stein.....	2130
" hemmer, J. Miller.....	2154
" leather, G. V. Sheffield & G. K. Mellor.....	2183
" sole, E. O. Crosby & N. A. Baldwin.....	2218
" treadle, J. F. Webster.....	2126
Shingle machine, J. Goldie & D. Cameron.....	2115
Ship plank and roller gauge, J. H. Johnson.....	2191
Shoe, Improved, T. R. Evans.....	2175
Snow plough, J. O. Stackhouse.....	2105
Soap, manufacture of, E. H. Gibbs.....	2090
Spring bottom, P. Wells.....	2187
Steam boiler, cleaning tube, J. Collicott.....	2185
" gauge cocks, W. Painter & L. R. Keizer.....	2216
" removing incrustations from, W. H. Dunning.....	2077
Steam engines, governors of, W. A. Cogswell.....	2159
Steam engine pumps, G. Wightman.....	2215
" rams and pumps, W. C. Church.....	2165
Steam trap, F. Townsend & J. H. Blessing.....	2080
Steam valve, automatic regulating, G. J. Kitson & G. W. Carr.....	2164
Steam valve, and chest, reversible, W. Glen.....	2096
Steel manufacture, J. Baur.....	2071
Stone boring machine, F. E. Beaumont & C. J. Appleby... " " hydrostatic, " "	2089 2088
Stone dressing machine, J. E. Holmes & W. Payton.....	2200
Stone drilling and tunnelling machine, F. E. Beaumont & C. J. Appleby.....	2087
Stove, heating, J. Gray.....	2075
Stove pipe-stone, flask for, P. Jacob & J. Jolliffe.....	2210
Surgical instruments, covering for, W. Hurlstone.....	2188
Telegraph, H. Highton.....	2177
Threshing machine, J. Gillespie.....	2160
Tobacco box and cutter, G. W. Hunter & A. McD. Forster..	2107
Tramways, steam carriages for, J. Grantham.....	2116
Treadle, machine, G. B. Kirkham.....	2172
Trowler legs, ironing bottoms of, T. C. Tillingham.....	2119
Truss, engine, J. D. Fitch.....	2140
Trusses, engine, G. Stephens & F. G. Lecher.....	2098
Trusses and surgical instruments, covering for, W. Hur- stone.....	2188
Varnishes and oils, clarifying, F. Kersting, C. Rudow & B. F. Broadwell.....	2074
Vault, fire-proof, J. W. Warner.....	2072
Washing machine, H. B. Corner, A. D. Warner & W. War- ren.....	2092
Washing machine, W. J. Freeman.....	2189
Washing and wringing machine, J. EWING, JR.,.....	2098

Water wheel, B. Cockley, J. Sherlock & R. F. Caney.....	2222
Weighing machine, anti-friction, A. E. Emory.....	2093
Window shade, E. Metcalf.....	2193
Wrecks, apparatus for raising, H. F. Knapp.....	2171
Wrench, F. S. Gilbert.....	2167

INDEX OF PATENTEES.

Allen, H. P., hydrogen gas generator.....	2118
Appleby, C. J., & F. E. B. Beaumont, stone drilling machine.....	2087
" " hydrostatic stone boring machine.....	2088
" " a stone boring machine.....	2089
Armstrong, T., horse hoof spreader.....	2143
Austin, O. B., horse rake.....	2121
Baker, B. F., Assignee, nut-locks & washers.....	2066
" " " "	2067
Baldwin, N. A., & C. O. Crosby, sole sewing machine.....	2218
Bates, J., & T. McKenny, churn attachment.....	2209
Baur, J., manufacture of steel.....	2071
Bawtinslimer, P. M., potato digger.....	2182
Beasley, W. F., & J. Gardner, fire extinguisher.....	2203
Beaumont, F. E. B., & C. J. Appleby stone drilling machine.....	2087
" " hydrostatic stone boring machine.....	2088
" " a stone boring machine.....	2089
Becher, F. G., & G. Stephens, trusses.....	2098
Bell, F. G., dressing for leather.....	2112
Blessing, J. H., & F. Townsend, a steam trap.....	2080
Bragg, Wm. L., an adjustable coupler.....	2059
Broadwell, B. F., C. Rudow & F. Kersting, clarifying varnishes & oils.....	2074
Brosseau, V., dyspepsia compound.....	2073
Bryant, B. S., finishing soles of boots.....	2131
Buckley, C., & L. L. Sawyer, curtain fixture.....	2149
Bunnell, W. T., (assignee) washing machine.....	2189
Burge, J., time lock.....	2190
Cable, A. P., & H. J. Wattles, churn.....	2180
Cameron, D., & J. Goldie, shingle machine.....	2115
Cant, A., blind slat tenoning machine.....	2099
Carr, G. W., & G. J. Kitson, automatic regulating valve.....	2161
Casey, R. E., J. Sherlock & B. Cockley, water wheel.....	2222
Church, W. C., steam engine racks and pumps.....	2165
Coffin, G. H., & A. P. Sproul, saw.....	2159
Cogswell, W. A., governors of steam engines.....	2169
Cockley, B., J. Sherlock & R. E. Casey, water wheel.....	2222
Colby, C. C., J. M. Currier & J. F. Gordon, self-binding harvester.....	2104
Colby, E. B., ice creeper.....	2123
Collcott, J., cleaning boiler tubes.....	2185
Conger, D. G., manufacture of artificial roofing.....	2124
" " roofing compound.....	2132
Corner, H. B., A. B. Warner & W. Warren, washing apparatus.....	2092
Cookerly, M., hoes.....	2111
Cox, H., friction pulley hub.....	2192
Crosby, C. O., & N. A. Baldwin, sole sewing machine.....	2218
Cuppers, A., gas illuminator.....	2103
Curran, J. H., a harvesting machine sickle grinder.....	2076
Currier, J. M., J. F. Gordon & C. C. Colby, self-binding harvester.....	2104
Day, E. A., clamps for tubes.....	2070
Doyen, E. P., W. Sparrow & S. W. Emory, safety shoe for cars.....	2197
Dunning, W. H., removing incrustation from boilers.....	2077
Emerson, J. E., C. H. Waterous and G. H. Wilkes, saws.....	2094
Emory, A. H., weighing machine.....	2093
Emory, S. W., E. P. Doyen & W. Sparrow, safety shoe for cars.....	2197
Evans, T. F., improved shoe.....	2175
Ewing, J. Jr., a washing and wringing machine.....	2083
Fitch, J. D., truss.....	2140
Ford, F. G., furniture castor.....	2136
Ford, J. C., & J. S. Shaller, knitting machine.....	2125
Fordon, J. A., dogs for circular saw-mills.....	2102
Forest, L., a car-coupler.....	2084
Forrest, H. E., axle blank finishing tool.....	2194
Forster, A. McD. & G. W. Hunter, tobacco box and cutter.....	2107
Fournier, J. A., hand propelling carriage.....	2214
Fowler, H. J., (assignee) window shade.....	2193
Fox, A. D., spring power transmitting motion.....	2170
Fraser, J. E., gate.....	2145
Freeman, W. J., washing machine.....	2189
Fuller, L. K., reed organs.....	2150
" " parlor organ.....	2157
Galloo, J., horse shoe.....	2206
Gardner, P. G., railroad car spring.....	2117