Gardner, J. W., steam and air car brakes..... 2068
Gardner, J., & W. F. Beasley, fire extinguisher..... 2203
Gibbs, E. H., apparatus for soap..... 2090
Gilbert, F. S., attaching scythe to snaith..... 2106
" " wrench..... 2167
Gillespie, J., grain threshing machine..... 2160
Glen, W., reversing valve & steam chest..... 2096
Goldie, J., & D. Cameron, shingle machine..... 2115
Gordon, J. F., J. M. Currier & C. C. Colby, self-binding harvester..... 2101
Grant, J., pot tilter & holder..... 2207
Grantham, J., steam carriages for tramways..... 2116
Graser, E., pump..... 2186
Gray, J., heating stove..... 2075
Green, S., & M. J. Holton, fish spawn hatcher..... 2220
Gross, F., (assignee), covering trusses & surgical instruments..... 2188
Harper, Wm., & W. Smith, bait for fishing..... 2110
Harrison, C. W., & A. H., gas apparatus for heating and lighting..... 2179
Hawkes, R., & H. J. Paine, spark and smoke consumer for locomotives..... 2138
Heberlein, J., a car-brake..... 2079
Heine, A. A., B. Holcomb & W. W. Huntley, machine for purifying middlings..... 2065
Henderson, T., & W. G. Wright, sewing machine..... 2116
Henwood, E., & J. F. Holman, car-coupler..... 2206
Hicks, T. H., machine & process for gas..... 2155
Highton, H., telegraph..... 2177
Hitchcock, A., covering vegetable substances with graphite 2134
Hitchcock, R., lamp..... 2153
Hodge, G. C., endless chain horse power..... 2173
Holcomb, A. B., W. W. Huntley and A. Heine, machine for purifying middlings..... 2065
Holman, J. F., & E. Henwood, car-coupler..... 2206
Holmes, J. E., & W. Payton, stone dressing machine..... 2200
Holton, M. G., & S. Green, fish spawn hatcher..... 2220
Hough, J. V., harrow..... 2147
Howard, L. D., rein holder..... 2120
Howell, H. F., & E. F. Prentiss, distilling petroleum..... 2166
Howland, W. M., & S. C. Taft, reducing wood to pulp..... 2100
Hunter, A., & E. H. Osborne., (extension,) grain cleaner..... 2082
" " " " 2133
Hunter, G. W., & A. Mc. D. Forster, tobacco box and cutter. 2107
Huntley, W. W., A. B. Holcomb, and A. Heine, machine for purifying middlings..... 2065
Hurlstone, W., covering trusses & surgical instruments..... 2188
Jacob, P., & J. Jolliffe, flask for stove pipe stone..... 2210
Jay, P. E., smelting iron ore..... 2211
Jenks, W. S., & O. L, head block for saw-mill..... 2062
Johnston, J. A., art of and apparatus for cutting clothes..... 2169
Johnson, J. H., ship plank & roller gauge..... 2191
Jolliffe, J., & P. Jacob., flask for stove pipe stone..... 2210
Keizer, L. R. and W. Painter., gauge cocks for boilers..... 2216
Kellogg, J. F., sewing machine..... 2060
Kennedy, G. A., clothes rack..... 2151
Kent, A. C., corn planter..... 2213
Kersting, F., C. Rudow & B. F. Broadwell, clarifying varnishes and oils..... 2074
Ketchum, O. W., steam & air car-brake..... 2174
Kilgore, W. P., cant hook machine..... 2202
Kinney, J., bed, lounge & chair..... 2221
Kirkham, G. B., machine treadle..... 2172
Kitson, G. J., & G. W. Carr, automatic regulating valve..... 2164
Knapp, H. F., apparatus for raising wrecks..... 2171
Knight, E., & T. H. White, a lamp..... 2081
Lawrence, J., cut nail machine..... 2162
Lighthall, A. H., wood screw & driver..... 2163
Loomis, K. H., nut locks and washers..... 2066
" " " " 2067
Macbeth, T., carriage pole and thill shifter..... 2152
Magee, J., portable cooking range..... 2204
Manual, J., & P. W. Strong, cheese box..... 2141
McIntyre, M. F., railroad rail & fastening..... 2114
McKenny, T., & J. Bates, churn attachment..... 2209
Meigs, C. D., oscillating saw-gate..... 2101
Mellor, G. K., & G. V. Sheffield, machine for sewing leather..... 2183
Merrick, G., clothes wringer..... 2063
Metcalf, E., window shade..... 2193
Miller, J., sewing machine hemmer..... 2151
Moore, A. H., cheese box..... 2178
Newhall, J., smell conductor for kitchen..... 2196
Noble, G., treating fibres for paper..... 2168
Nugent, T., paper pulp propeller..... 2205
Osborne, E. H., & A. Hunter, (extension) grain cleaner..... 2082
" " " " 2133
O'Sullivan, T. J., nutmeg grater..... 2139
Paddock, L. A., horse rake..... 2144
Pagnuelo, H., maple sap evaporator..... 2148
Paine, H. J., & R. Hawkes, spark and smoke consumer for locomotive..... 2138
Painter, W., & L. R. Keizer, gauge cocks for boilers..... 2216
Park, R. W., a vapour burner..... 2142
Patrie, C. E., seeding machine..... 2217
Payton, W., & J. E. Holmes, stone dressing machine..... 2200
Prentiss, E. F., & H. F. Howell, distilling petroleum..... 2166
Proudfoot, F., adjustable fire grate..... 2069
Putnam, G. W., a car-coupler..... 2085
Raynor, S. (assignee), gas illuminator..... 2103
Rider, G. W., barrel hoops..... 2201
Ritchie, D. A., metallic pipes..... 2061
Rodden, W. H., metallic blind..... 2137
Ruck, W. D., manufacture of gas..... 2184
Rudow, C., B. F. Broadwell & F. Kersting, clarifying varnishes and oils..... 2074
Sawyer, L. L., & C. Buckley, curtain fixtures..... 2149
Scott, W. P., car-coupler..... 2135
" " (re-issue), car-coupler and buffer..... 2181
Shaller, J. S., & J. C. Ford, knitting machine..... 2125
Sheffield, G. V. & G. K. Mellor, machine for sewing leather.... 2183
Sherlock, J. R., E. Carey & B. Cockley, water wheel..... 2222
Siemens, C. W., process for iron and steel..... 2223
Simpson, C. G. C., truss bridges..... 2091
Smith, F. S., a lifting jack..... 2086
Smith, W., & W. Harper, bait for fishing..... 2110
Sparrow, W., E. P. Doyen & S. W. Emory, safety shoe for cars..... 2197
Sproul, A. P., & G. H. Coffin, saw..... 2199
Stackhouse, J. O., snow plough..... 2105
Stanton, J. W., grate bar..... 2108
Starr, J., railway scabbard and fish plate slice..... 2095
Steers, T., manufacturing dye..... 2078
Stein, M. J., boot sewing machine..... 2130
Stephens, G., & F. G. Becher, trusses..... 2098
Stock, G. B., carriage drawhead and shaft attachment..... 2219
Stone, J. H., kerosene lantern..... 2156
Strong, P. W., & J. Manual, cheese box..... 2041
Strong, P. W., milk weighing can..... 2122
Taft, S. C., & W. M. Howland, reducing wood to pulp..... 2100
Tessié du Motay, C. M., treatment of lyes and re-use of..... 2158
Thompson, W., road scraper..... 2113
Tillinghast, T. C., ironing trouser legs..... 2119
Tirrell, J. P., gas electrical lighting apparatus..... 2129
Townsend, F., & J. H. Blessing, a steam trap..... 2080
Van Guysling, A., railroad chair..... 2127
" " " and supporter.. 2128
Verrall, G. W., adjusting cards of printing presses..... 2109
Waring, J. T., felt hat..... 2198
Warner, A. D., W. Warren & H. B. Corner, washing apparatus..... 2092
Warner, J. W., fire-proof safe..... 2064
" " " vault..... 2072
Warren, W., A. D. Warner & H. B. Corner, washing apparatus..... 2092
Warth, A., cutting textile materials..... 2195
Waterous, E. H., G. H. Wilkes & J. E. Emerson, saws..... 2094
Wattles, H. J., & A. D. Cable, churn..... 2180
Webster, J. F., sewing machine treadle..... 2126
Wells, P., spring bottom..... 2187
White, T. H., & E. Knight, a lamp..... 2081
White, A. S., (assignee) attaching scythe to snaith..... 2106
Whiting, A. S., " wrench..... 2167
Whitwell, T., heating air and gas..... 2161
Wightman, G., steam engine pumps..... 2215
Wilkes, G. H., J. E. Emerson & C. H. Waterous, saws..... 2094
Wills, H. A., horse shoe nail machine..... 2176
Wilmington, W., railway car wheel..... 2212
Wright, W. G., & T. Henderson, sewing machine..... 2116
Yarwood, A. F., melodeons..... 2097