INDEX OF INVENTIONS.

Air compressor, W. T. Fox 22,016
Anæsthetics, U. K. Mayo 22,106
Automatic barrel filler, C. Ward 21,985
Axle box, oiling apparatus for car, D. Duprat 22,158
Axle, vehicle, sand band for, F. S. Rolph 22,104
Barrel grappel, A. Flansburg 22,017
Beading or moulding tool, W. C. Hibbard 22,132
Belt fastener, J. Essig 22,066
Bit, brace, W. A. Ives 22,004
Blind slat check, J. Racey 22,008
Boot and shoe counter, sharpening machine, L. Coté 21,949
Boots, manufacture of, H. G. Charlesworth 21,950
Bolt, nut, A. Johnson 21,977
Bolting cloth, S. O. Brigham 22,124
Box machine, J. A. Paige 22,033
Brake, vacuum, L. P. Lawrence 22,062
Brick machine, W. S., W. T. and T. H. Smith 21,973
Brush making machine, E. L. Fenerty 22,089
Buckboard and buggy waggon, E. H. Rouleau 21,955
Burglar alarm, A. Jacobi 21,984
Car-Coupling, G. W. Curtis 22,067
" automatic, H. M. Sturgis et al 22,057
Car spring, railway, C. T. Schoen 22,114
Carding machine, W. S. Archer 21,994
Carriage top, W. McConnell et al 22,127
Cart, road, A. S. Upson et al 22,056
Cellulose and secondary products, A. Mitscherlich 22,052
Churns, J. Askins 22,044
" J. Bradley 22,065
" J. H. Taylor 22,059
Clothes wringer, C. F. Smith 22,018
Cordage, manufacture of, M. H. Hay 22,111
Collar fastening, horse, I. P. Hoff 22,007
" horse, E. Fisher 21,988
Cooker, steam, W. F. Strangways 21,954
Cooling and straining mixed beverages, W. C. Haslage 22,140
Copying machine, W. F. McKay 22,063
Corset, C. E. & S. B. Brush 22,015
Corsets, gloves, etc., A. S. & E. B. Mann 22,077
Crane, J. H. Whiting 21,983
Creamer, J. Simpson 22,030
Damper, automatic, F. J. Gilman 21,995
Digging and excavating machine, J. Parker 21,992
Door hanger, C. W. Emerson 22,143
Door and shutter bar, C. H. Knauer 22,121
" mat, H. F. Windt 21,982
Drain cleaner, G. W. Immel 22,005
Driers, G. W. Sharer 22,152
Druggist's sieve, E. E. Scott 22,094
Dry closet, F. F. Street 21,970
Duplex steam engine, M. W. Hall 22,049
Electric conductors for wire fencing, C. Williamson 22,064
" cut out, W. M. Thomas 22,090
" lighting system, E. S. Starr et al 21,976
Electro-mechanical gong striker, L. H. McCullough 21,967
Electrotype block, P. Gleeson 22,103
Elevator, Tewksbury Automatic Elevator Co. 22,135 22,054
Explosive compound, R. S. Penniman 22,019
Extension table, A. E. French 22,023
Fabrics, machine for turfing, M. F. and M. L. Connett. 22,098
Faucet, E. U. Scoville 22,040
" force and drain, A. J. Weatherhead 22,112
Feed water purifier, P. J. Grau 22,039
Feeder, automatic boiler, S. Haigh 21,952
Fence and picket, metal, R. G. Olmsted 22,088
" wire, C. W. Weld 22,010
Ferment, M. Blumenthal 22,086 22,047
Fifth wheel, J. W. Leete 21,974
File cutting process, C. M. Fairbanks 22,109
Filter, J. Mallie 22,105
Fire escape, J. L. MacDonald 22,150
Fish trap and bucket, G. H. McKinney 22,003
Folding table, J. Danner 21,986
Fruit jar, H. L. Becker 21,998
" " M. R. Gannaway 22,145
Furnace, etc., self feeding, S. T. Bryce 22,006
" for the combustion of refuse, J. E. Stafford 21,978
Gas governor, J. Stott 22,073
" manufacture of, United States Carbonous Oxide Illuminating Gas Co 22,027
Gas regulator, W. H. Cothren 22,025
Gate, automatic, J. Austin 21,980
Gear moulding machine, P. L. Simpson 22,138
Gearing for farm waggons, J. Nicol 22,146
Governor, steam engine, The Atlas Engine Works 22,133
Grain binder actuating mechanism, J. S. Davis 22,128
Hame, G. H. Bartlett 21,953
Harvester, grain binding, J. S. Davis 22,125
" self " A. Harris, Son & Co 22,095
Hay and grain elevator and Carriers, E. D. Mead 22,011 21,997
Hay elevator and carrier, M. H. Dowd 21,972
Hay fork sheaf lifter, F. Noble 21,956
Head light, locomotive, G. N. Seets 22,000
Hoisting and conveying machines, A. E. Brown 21,962 21,963 22,153
Hollow ware, sheet metal, C. B. Taylor 22,078
Hook, P. F. Chambard 22,021
Insect stings, cure for, C. A. M. Paradis 21,996
Ladder, section step ladder and staging, R. L. Hitchcock 22,085
Lamp case, E. S. Piper 21,964
" for heating smoothing irons, P. F. Ratchford 21,951
" incandescent electric, automatic cut out for, W. F. Thomas, et al 22,100
Lamp, safety, J. L. Williams 22,046
Last, Iron, J. Robertson et al 21,979
Lawn marker, R. B. Reynolds 21,960
Lead and crayon holder, Eagle Pencil Co 22,163 22,164
Locomotive and engine side bar, G. N. Sceets 22,001
" ash pan cleaner, A. Davis 22,069
Match box, O, Fréchette 22,058
Mechanical motor, A. F. Martel 22,041
Medicinal compound, S. J. Lancaster 22,142
Microphone, K. S. Dembinski 22,123
Mitre frame, cramp, G. R. Hammond 22,031
Mortising machine, J. Oppenheimer 21,971
Mosquito net support, A. L. Edwards 21,965
Mowing machine, Massey Manuf'g. Co 22,012
Music leaf holder, J. Frampton 22,168
Nail machine, Russell & Erwin Man'f'g. Co 22,091 22,092
Ores, etc., machine for extracting gold from, J. L. Hayward 22,126
Packing box, O. Place et al 22,162
Paper bags, tubing and printing, A. J. Boynton 22,102
Paper fastener, E. W. Ball et al 22,096
Paper folding machine, F. G. Beach 21,993
Paving block, T. A. Huguenin 22,087
Peanut roaster, L. Rosenkranz 22,060
Pencil, coloured slate, Eagle Pencil Co 22,165 22,166
Photographic films, roller holders for, The Eastman Dry Plate and Film Co 22,107
Pianofortes, F. A. B, Guntler 22,134
Pipes, device for stopping leaks in lead, W. H. Robertson 22,034
Plough sulky, B. B. McVay et al 22,079
Plumb and bevel, A. E. Gardner 22,002
Pop gun, E. J. B. Whitaker 22,038
Potato digger, W. E. Reynolds 21,999
" screen, J. Joubert 21,989
Power press, W. L. Peters 21,958
Printing press fliers, friction device for, L. W. Hyde et al 22,113
Pulley block, N. R. Skinner et al 22,014
Pump, C. Burnett 22,093
" valve, W. L. McKenzie et al 22,083
Railway switch, M. Wallick 22,159
Reaper and mower knife sharpener, H. Bernier 22,053
Refrigerator, C. Cavanagh 22,070
" H. C. Goodell 21,959
" J. F. Hanrahan et al 22,167
Rein-holder, G. O. Teeter 22,029
Rolling metal and metal die, G. F. Simonds 22,120
Roof, flat, H. Williams 22,071
Rotary engine, J. Moffet et al 22,055
" motor, C. A. Parsons 22,122
Rowlock, O. B. Fenner 22,156
Saccharine compound, C. Fahlberg et al 21,013
Saddle, M. L. Eckles 22,028
" pad, S. S. Jerome et al 22,037
" riding, T. J. Wint 22,110
Sad-iron, T. Rexford 22,009
Saw, A. Bertram 22,074
" filing machine, S. C. Rogers 22,042
" mill, D. F. and J. T. Milne 21,961
Seal, counter, J. Ball 22,116
Scarf, neck, J. F. Babcock et al 22,130
Screw, M. A. Ihrig 22,084
" plate, G. L. Reed 21,981
Scrubbing-brush holder, B. Raymond 22,139
Sewing machine, Empress Sewing Machine Co 22,075
Shirt, W. M. Spencer 21,987
" lace, W. F. Galt 22,068