INDEX OF INVENTIONS.

Balling press, W. R. King 1942
Bale hoops, A. H. Larochelle 2050
Bed bottom, J. W. Watt 2036
" T. S. Sarney 2012
Bed spring, E. B. Wood 2011
" J. White 2019
Bench, portable, R. Blain 1916
Biscuit machine, J. & S. Turner 1930
Bit-brace, Wm. A. Ives 1974
Blind-hinge, O. S. Garretson 2021
Bob-sleighs, R. C. Beckett 2031
" coupling, J. Malone 1952
Boot pegging machine, L. R. Blake 2014
Boots, improvements, W. W. Whitcomb 1991
" " P. West 1998
Boots and shoes, improvements, G. Goodyear 1918
" " burred wire, for, H. H. Bigelow 1936
" " soles, cutting of, S J. Shaw 1922
Boots, elastic gores J. Walden 1929
Boots, soles, S. Slater 1921
Boot stretcher, J. Lyons 1954
Bracket sheaves, improvements on, C. H. Strafin 2045
Buckle, H. S. Woodruff 1970
Buttons, setting, H. C. Bradford 2031
Carburetting Machine, Wm. C. Nunn 2029
Carriage wheels, S. Vreeland 1937
Cheese hoop, M. B. Fraser 1999
Churn, M. Fisk 1927
" S. Stratford 2038
Cigar making machine, S. Schofield 1921
Clothes line fastener, O. Benoit 1973
" reel, C. H. Strafin 2006
Clothes wringer, S. Blodgett 1917
Coffin, S. Stein 1928
Curtain fixtures, C. Buckley & L. L. Sawyer 1996
Cutting hard substances, B. C. Tilghman 2020
Desk, self supporting, J. K. Otis 1931
Drum, hot air, G. Bolton 1907
Dyspepsia compound, Chs. A. Kermott 2053
Excavating machine, Joseph Williams 2051
Fence, rail, B. Gouldthorpe 1919
Fly-catcher, E. L. Goold & J. W. Cuthbertson 1991
Furnace, for remelting iron, W. J. Keep 1939
Furnace for heating liquids in process of evaporation, M. P. Hayes 2052
Furnace tubular, hot air, B. Huot 2033
Gas generator, A. J. Ambler 2011
Gas, manufacture, A. A. Wilder 1997
Gas purifier screen, E. Dudley & A. J. Tilton 2007
" " " " 2008
Gate, counterpoise, J. R. Spencer 2057
Gold, extracting from mispickel, E. J. Chapman 2026
Grain cleaner, A. Hunter & E. H. Osborne 1911
Grain scourer, S. Dobson 2027
Grinding hard substances, mill for, G. Mitchell 2019
Harvester cutters, holder for, W. H. Daniels 2001
Harvester cutters, sharpening of, W. H. Daniels 2000
Hay, machine for removing, J. C. Cramer 1956
Heating buildings, apparatus for, W. C. Baker 1981
" furnace, O. W. Ketchum 1984
Horse collar, C. P. Holmes 1967
Hose valve, E. A. Day 1903
Iron and steel process, J. Webster 1985
Iron process, C. M. Ness 1972
Keels, slip, J. Dean 1910
Kettle, F. P. L. Jones 1932
Lap-board, S. Mahan 2016
Lath cutting machine, J. H. Butler & O. H. Duclos 2025
Lubricating compound, B. French 2011
Lubricating device, J. S. Eggleston 1988
" oils and fats for, J. W. Burton 2012
Lubricator, E. McCoy 1971
" J. Telfer 2017
Meat and fish preserving, T. F. Henley 2010
" packing and preserving, J. K. Collett 1913
Nail machine, horse shoe, N. W. Goodrich 1901
" " D. Turbayne M. Wyman 1916
" " P. Dunn & T. Harris 2003
Needle machine, F. W. Mallett 1905
Paint, producing from mispickel, E. J. Chapman 2015
Paper bags, L. D. Benner 1914
" fastener, Wm. R. Clough 1918
" pulp, A. K. Gilmore 2018
" " machine, R. G. Nash 1909
" " process, L. Smith 1902
Photograph, E. R. Weston 1995
Pipe coupling, J. C. Shay 2002
Pipe machinery, J. S. Patrie 2009
Poke, an animal, E. F. Benedict 1990
Potatoe digger, J. W. Innis 1920
Pump, P. Munsinger 1965
Railway car axles and wheels, W. G. Milltimore & O. Doty 1993
" coupler, H. Ellender 1966
" " and buffer, W. P. Scott 1964
Railway frog, J. Wood 2018
" protector, Geo. N. Geddes 2055
Railway track cleaner, A. Day 1911
Sash fastener, J. McCallum 1934
Saw, M. Jinks 1975
Saw-logs raising, W. Hamilton & J. Ludgate 2013
Saw-set socket, removable, J. E. Emerson, C. H. Waterous & G. H. Wilkes 2023
Sewing machine, J. A. House 2010
" " attachment, G. Young 1935
" " " P. L. Shepler & F. M. Heath 1958
" " shoe, E. P. Richardson 2032
" " shuttle, J. H. Osborne 1959
" " shuttles, J. H. Bullard 1923
" " stand, R. M. Wanzer 1968
" " tucker, Wm. C. Nunn 2051
" " tuck-marker, J. F. Kellogg 2037
" " tuck-folder, T. M. Farrand 2035
Shingle machine, G. J. Anderson, J. V. Gue & S. Utley 1987
" T. McCabe 2005
Shoe, improved, G. A. Richardson 2030
Sleigh propeller, W. Nevers 1915
Soap manufacturing, J. Burke 1960
Sole-edge burnisher, L. Coté 1926
Steam boiler, composition for covering, J. Sparham 1953
Steam engine, locomotive, L. Perkins 1992
" slide valve for, H. Fairgrieve 1951
" marine and stationary, L. Perkins 1977
" improvements in, C. Levey 1901
" " L. Perkins 1962
" cylindrical balance valve, H. Fairgrieve 1976
" packing, G. Gwynn 1919
" " J. Partington & R. Bloomfield 2017
" cylindrical balance valve, H. Fairgrieve 1961
Steam generator and gas consumer, O. W. Ketchum 1982
" and liquid fuel furnace, O. W. Ketchum 1983
Spooling machine, J. F. C. Rider 1938
Stone dressing machine, Ths. W. Baxter 2056
Stove, base burning, J. V. B. Carter & J. Dwyer 1969
" base burning, W. J. Keep 2028
" cooking and damper, W. J. Keep 1910
" drum, R. Lough 1989
" pipe damper, A. Abell 1933
" " elbow, G. Bolton 1963
" stools, A. A. Murphy 1906
Tar burner, J. Burns 1986
Tailor's square, J. Beaudry 1917
Telegraph, duplex, J. B. Stearns 2004
" improvements, G. Little 2039
Tent spring, (extension), G. O. Freeman 2022
Treadle machine, R. Field 1950
Tree trimmer, J. Madgett 1925
Tubing, frost proof, K. M. C. Arnoldi 1980
Turning machine, J. Fenson 1945
Ventilator, S. C. Maine 2024
Wash-board, E. B. Jackson 2058
Washer and wringer, G. Morehouse 1912
Washing boiler, J. C. Tilton 2016
Washing machine, J. W. Willett 1908
" G. Schatz & J. Zimmerman 1914
" G. S. Walker & F. F. Adams 1978
" S. DeVeau & S. E. Perkiss 1979
Water heater and filter, J. Armstrong 1955
Water lifter, cup chain, J. E. Jarvis 1957
Water meter, D. B. Spooner 1913
Wheat drilling machine, J. & Wm. Morlock 2013

INDEX OF PATENTEES.

Abell, A., stove pipe damper 1933
Adams, F. F. & G. S. Walker, washing machine 1978
Ambler, A. J., gas generator 2011
Anderson, G. I., J. V. Gue & S. Utley, shingle machine 1987
Armstrong, J., water heater and filterer 1955
Arnoldi, K. M. C., frost proof tubing 1980
Baker, Wm. C., heating buildings 1981
Baxter, Ths. W., a stone dressing machine 2056
Beaudry, J., tailor's square 1917
Beckett, R. C., bob-sleigh 2031
Benedict, E. F., animal poke 1990
Benoit, O., clothes line fastener 1873
Benner, L. D., paper bag 1914