

INDEX OF INVENTIONS.

Anvils and vises, W. J. Clokey.....	9847	Measuring straps and scale for last makers, J. Kimball....	9905
Augers, hollow, R. Porter.....	9816	Meat preserving, A. A. Libby.....	9915 9916 9917
Axle boxing, J. S. Hodgins et al.....	9913	Medicinal composition, J. L. Johnston.....	9896
Bags, mail, J. G. Thompson.....	9920	Metal cutting, F. Cook et al.....	9867
Barrels, watch, F. Fitt.....	9851	Middlings purifiers, W. J. Fender.....	9850
Bars, hitching, A. Whiting.....	9853	Milk cans, T. S. Evans et al.....	9931
Battery carbons, A. C. Kreis.....	9855	Mill tones, facing, D. Brubaker et al.....	9938
Bearings, oil, G. Bradford.....	9866	" " ventilating, H. A. Mauderson.....	9816
" shaft, G. W. Thomas.....	9843	Motor, reciprocating, A. Knecht.....	9814
Beds, spring, C. S. Terwilliger.....	9841	Movements, mechanical, J. D. Foster.....	9825
Bedsteads, wardrobe, H. P. Blackman et al.....	9911	Oil bearings, G. Bradford.....	9866
Bee hives, P. Fisher et al.....	9870	Ore amalgamating, C. A. Ball.....	9862
Boats, portable, C. DeCazes.....	9906	Paper and ink, G. P. Girwood.....	9826
" " J. B. Luokerhoif.....	9865	Photographic negatives, J. J. Wolfe.....	9856
Boiler injectors, W. Sellers.....	9929	" studios, E. C. Thompson.....	9854
Boots, O. Durocher.....	9844	Plough, J. Clayton.....	9925
" and shoes, J. Kieffer.....	9934	" coulters, J. Clayton.....	9919
" manufacturing, W. R. Miller et al.....	9838	Powers, animal, J. J. Heenan.....	9907
Box, car axle, J. S. Hodgins.....	9913	" " W. J. Joselyn et al.....	9839
Brake and starter, R. White.....	9903	Presses, printing, C. Ellery.....	9875
Brakes for perambulators, A. McDonald et al.....	9837	Propelling apparatus, J. Gooderich.....	9808
Bridle bits, D. C. Carleton.....	9893	Pump, J. Coleman et al.....	9834
Candlesticks, A. J. Smith et al.....	9832	" P. Grant.....	9809
Cane and umbrella, J. Boyd.....	9816	" acid, F. Nichols.....	9894
Cans, milk, T. S. Evans.....	9931	" force, N. Legros et al.....	9836
Carbons, battery, A. C. Kreis.....	9855	Purifiers, middlings, W. J. Fender.....	9850
Car replacers, E. Newcomb.....	9909	Radiators, steam, J. H. Mills.....	9849
Carriage dashes, B. J. Warden.....	9904	Railways, elevated, C. Donkersley.....	9924
Churn, H. A., O. B. and M. P. Ridgway.....	9826	Rakes, hay, H. A. Connell et al.....	9918
Cigars, manufacture of, M. Lesser.....	9899	Reaper knives, J. Shupe.....	9810
Corsets, D. Campbell.....	9879	Reaping machine, L. Sweet et al.....	9887
Coulters, plough, J. Clayton.....	9919	Registers, fire, A. Hance.....	9897
Cramming machine, C. E. Wood.....	9901	Rests, invalids, C. Fortin.....	9933
Creepers, ice, E. D. Austin.....	9820	Rt toris, gas, E. M. Moore.....	9864
Card agitators, E. Tyhurst.....	9865	Saddles, cart, W. Dickie.....	9885
Curtain cord tighteners, F. E. Porter et al.....	9824	Sash-holders, O. R. Cooke.....	9833
" fixtures, J. S. Henry.....	9908	Saw, circular, G. F. Shummonds et al.....	9858
Dashes, carriage, B. J. Warden.....	9904	" guards, J. N. Kendall et al.....	9872
Draw-bars, J. F. Crackett.....	9852	" mills, J. A. Tripp et al.....	9892
Egg testing, A. Williams et al.....	9863	Scale and measuring straps for last makers, J. Kimball....	9905
Electric apparatus, J. L. LeConte.....	9811	Sewing machines, J. C. Love.....	9912
Engine, steam, J. M. Whiting et al.....	9880	Shadeholder, gas, J. Breeden.....	9821
Envelopes, W. S. Beuhm.....	9891	Shades, eye, J. B. Ricketts et al.....	9831
Eye shades, J. B. Ricketts et al.....	9831	Shingle machine, R. Smallwood.....	9829
Fare registers, A. Hance.....	9897	Shuttle picking motion, W. H. Dyson.....	9817
Felloe and spoke joints, C. E. Kennedy.....	9914	Sink fittings, L. W. Scott.....	9848
Fences, P. Fraser.....	9859	Soap compositions, W. C. Macartney.....	9822
Fire escapes, E. M. Ball.....	9827	Sorghum, maize, F. L. Stewart.....	9871
" W. S. Hunter.....	9939	Sowers, broad cast, J. Whelan.....	9860
Fittings, sink, L. W. Scott.....	9848	Spoke and felloe joint, C. E. Kennedy.....	9914
Food composition, J. L. Johnston.....	9896	Springs, carriage, E. Spaulding.....	9886
Foot warmers, O. Conrad.....	9911	" vehicle, J. Krebbel.....	9842
Frames, window, R. Kelly.....	9921	" vehicle, W. Michael.....	9890
Fuel material, T. F. O'Brien.....	9807	Starter and brake, A. White.....	9903
Gas apparatus, J. Hannon.....	9910	Station indicator, D. C. Morency.....	9861
" governors, M. Lees.....	9932	Staves, dressing, H. H. Miller.....	9812
" hydrogen, J. A. Stephan.....	9926	Steel manufacture, O. Bolton.....	9805
" purifying, O. Lugo.....	9874	Stiffeners, heel, J. Kieffer.....	9937
" retorts, E. M. Moore.....	9861	Stove back hanger, R. D. Sandlund.....	9934
" shade holder, J. Breeden.....	9821	Stoves, cooking, T. H. Roberts.....	9894
Grain granulating, J. Higginbottom et al.....	9819	" " W. A. Greene.....	9877
Gravel material, T. F. O'Brien.....	9807	Straps for last makers, scale and measuring, J. Kimball....	9905
Heel stiffeners, J. Kieffer.....	9937	Suspenders, pantaloons, H. & W. Turner.....	9845
Hitching bars, A. Whiting.....	9853	Syphon and pump, F. Nichols.....	9804
Holts, power, P. Sykes.....	9935	Table, work, E. S. Heath.....	9930
Hoop cutting machine, W. D. Johnson.....	9928	Telegraphic recording, R. K. Boyle.....	9876
Horse shoe, J. Blgg.....	9878	Telephones, T. A. Edison.....	9923
Ice creepers, E. D. Austin.....	9820	" T. Ahearn.....	9936
Indicator, station, D. C. Morency.....	9861	Tops, vehicle, T. E. Hayes et al.....	9835
Injectors, boilers, W. Sellers.....	9929	" wagon, S. T. S. Wicks.....	9819
Ink and paper, C. P. Girwood.....	9828	Turbines, water, A. D. Cole.....	9898
Invalids rests, C. Fortin.....	9933	" " E. R. Stilwell.....	9815
Jacks, railway, J. Guilford et al.....	9869	Tuyeres, J. S. Miller.....	9895
Kindlers, fire, W. H. Bausfield.....	9823	Umbrella, A. MacMillan.....	9883
Knives, grinding, J. Shupe.....	9810	" and cane, J. Boyd et al.....	9816
Lamps, hydrocarbon, T. Walsh.....	9873	Valves, G. H. Little et al.....	9827
Last makers, scale and measuring straps for, J. Kimball....	9905	Vehicle tops, T. E. Hayes et al.....	9835
Locomotive smoke stacks, J. R. Fish.....	9884	Vices and anvils, W. J. Clokey.....	9847
Macadamizing material, T. F. O'Brien.....	9807	Waggon, dumping, J. H. Nelson.....	9940
Mail bags, J. G. Thompson.....	9923	" tops, S. T. S. Wicks.....	9819
Malze, sorghum, F. L. Stewart.....	9871	Wash-boards, B. B. Eddy.....	9857
Mangles, C. Reese.....	9849	Washing machine, A. R. Giles.....	9830
		" " W. T. Bunnell.....	9882
		Watch barrels, F. Fitt.....	9851
		Wheel barrows, H. Clark.....	9902
		" fifth, W. H. Morrison.....	9813
		Window frames, R. Kelly.....	9921
		Winning machine, J. Kinleyside et al.....	9888