

INDEX OF INVENTIONS.

Axle skelns, S. V. King.....	8645
Bed bottoms, C. E. Brown	8631 8632
" N. Adams et al	8653
Bolt cutters, W. McDade.....	8678
Boots and shoes, lacing, N. Evans	8685
Brakes, waggon, A. Hart et al.....	8660
Bridge building, E. Wasell	8668
Buggy tops, J. H. Tackaberry.....	8642
Carriage seats, P. U. Tótu.....	8664
" shaft, G. B. Stock	8623
" tops, J. H. Tackaberry	8642
Cars, railway, F. C. L. G. Susemihl.....	8638
Catch spring, J. H. Trickey.....	8633
Couplings for shaftings, J. Charlton.....	8628
Cow stanchions, S. B. Ferguson	8609
Dampers, S. Selden et al.....	8610
Desks, cabinet, J. A. Moore	8644
" school, E. G. Durant.....	8679
Dishes, washing, E. S. Hampton.....	8626
Door bolt, W. Burtis	8607
" hangers, W. E. Warner	8663
Dryers, fruit, W. S. Plummer.....	8684
Drying and preserving, A. J. Chase	8669
Engines, steam, L. Perkins.....	8621
Flour dressing, G. T. Smith	8615, 8616, 8617
" from middlings, G. T. Smith.....	8619
Flying machines, J. J. Pennington	8661
Frames, picture, S. C. Bigford.....	8671
Gas controlling, G. Weston	8665
" lighting, W. W. Batchelder	8655
Gates, railway, S. A. Jenks	8608
Grinding cutters, E. J. Worcester.....	8630
Harrows, J. McKenzie	8657
Hay knives, J. Granger.....	8667
Holdbacks, A. B. Roberts	8675
Horse shoes, G. E. Pierce	8681
Hydraulic pressure, J. W. Hyatt.....	8652
Ice-creepers, W. F. Dial et al	8612
Ironing table, G. W. Williams	8646
Journal box lid, F. C. L. G. Susemihl et al	8638
Knitting machine, T. Newbigging	8647
Knives, hay, J. Granger.....	8667
Medical compounds, D. Manbeck.....	8614
Metal treating, old, G. W. Swett.....	8658
Middlings purifiers, D. Charlesworth	8665
Mowers, lawn, W. J. Lloyd et al.....	8676
" and reapers, E. J. Worcester	8630
Music transposing board, L. Anderson	8656
Nitro-glycerine apparatus, C. W. Volney.....	8624
Oils, lubricating, C. Johnston.....	8636
Oil box lid, F. C. L. G. Susemihl et al.....	8638
Ozone machines, A. W. Sangster et al.....	8649
Pails from pulp, E. B. Eddy	8674
Paint, distemper, G. I. Stevens.....	8641
Piston packing, A. V. Stewart et al	8677
" L. Perkins.....	8621
Pneumatic pressure, J. W. Hyatt.....	8652
Postage stamps, J. Sangster et al.....	8666
Preserving and drying, A. J. Chase	8669
Pulleys, sash, B. D. Washburn.....	8648
Pulp, paper, L. C. Bourgeois.....	8613
Pumps, T. Draper.....	8627
Rakes, hay, C. Lundy	8682
Reapers and mowers, E. J. Worcester.....	8630
Refrigerators, T. C. Phillips	8640
Rein holder, J. Johnston et al.....	8659
Rock cutting, J. D. Brunston.....	8637
Saws, E. M. and A. Boynton.....	8611
Sawmill carriages, R. McGuire.....	8673
Seal bolt, W. Burtis.....	8607
Seats, carriage, P. U. Tótu.....	8664
Seeding machines, C. E. Patric.....	8622
Sewing machines, J. M. Cook	8662
" R. M. Rose.....	8643
Shaft attachment, G. B. Stock	8623
Shafting, couplings for, J. Charlton.....	8628
Shingle machines, I. Fréchet.....	8625
Stamps, postage, J. Saugster et al	8666
Stanchions, cow, S. B. Ferguson	8609
Steam pressure, J. W. Hyatt.....	8652
Stone securing, J. H. Trickey.....	8633
Straw carriers, F. G. Shepard	8651

Stoves, J. B. Andrews.....	8650
" cooking, J. M. Spencer	8650
Stamp machine, J. W. and C. F. Anderson.....	8672
Table, ironing, G. W. Williams.....	8646
Thimble skelns, S. V. King	8645
Torch, gas, W. W. Batchelder	8655
Trace detachors, A. R. Roberts.....	8675
Ventilators, J. E. Ellison	8654
Washing machines, A. R. Fowler	8683
" " E. S. Hampton	8626
" " W. H. Sanford.....	8630
" table, G. W. Williams	8646
" wool, O. Low.....	8620
Wheels, old car, G. W. Swett.....	8658
Whip holder, J. Johnston et al.....	8659
Wire drawing, C. D. Rogers	8670
Wringers, clothes, C. E. Haynes	8634

INDEX TO PATENTEES.

Adams, N., et al., bed-bottoms.....	8653
Anderson, J. W., and C. F., stump machines.....	8672
" L., music transposing board.....	8656
Andrews, J. B., stoves	8650
Batchelder, W. W., gas lighting	8655
Bigford, S. C., picture frames	8671
Bourgeois, L. C., paper pulp.....	8613
Boynton, E. M. and A., saws.....	8611
Brown, C. E., bed-bottoms	8631 8632
Brunton, J. D., rock cutting.....	8637
Burtis, W., seal bolt.....	8607
Charlesworth, D., middlings purifiers.....	8665
Charlton, J., couplings for shaftings	8628
Chase, A. J., drying and preserving	8669
Cook, J. M., sewing machines	8662
Creelman, K. I., et al., knitting machines.....	8647
Crumph, J. S., et al., dampers	8610
Dial, W. F., et al., ice creepers.....	8612
Draper, T., pumps.....	8627
Dunbar, R. and G. H., et al., postage stamps.....	8666
Durant, E. G., school desk.....	8679
Eddy, E. B., pails from pulp.....	8674
Ellison, J. E., ventilators.....	8654
Evans, N., lacing boots and shoes.....	8685
Ferguson, S. B., cow stanchions.....	8609
Fowler, A. R., washing machines.....	8683
Fréchet, I., shingle machines	8625
Genin, F., paper pulp	8613
Granger, J., hay knives	8667
Griswold, M., et al., dampers.....	8610
Hampton, E. S., washing dishes	8626
Hart, A., et al., wagon brakes.....	8660
" G. E., sewing machines	8662
Haynes, C. E., clothes wringers	8634
Hewitt, H. H., et al., oil box lid	8653
Hopkins, D. P., et al., wagon brakes.....	8660
Hubbard, E., pails from pulp.....	8674
Hyatt, J., steam pressure.....	8652
Jenks, S. A., railway gates	8608
Jewett, E. M., ozone machines	8649
Johnston, C., lubricating oils.....	8636
" J., et al., rein-holder.....	8659
Kay, A., et al., knitting machines	8617
King, S. V., thimble skelns	8645
Lloyd, W. J., et al., lawn mowers.....	8676
Low, O., washing wool.....	8629
Lundy, C., hay rakes.....	8682
McDade, W., bolt cutters.....	8678
McGuire, R., saw-mill carriages.....	8673
McKenzie, J., harrows.....	8657
Manbeck, D., medical compounds.....	8614
Moore, J. A., cabinet desks.....	8644
Mott, L. D., et al., bed bottoms	8653
Newbigging, T., et al., knitting machines.....	8647
Packard, L. H., et al., ice-creepers.....	8612
Patric, C. E., seeding machines.....	8622
Pennington, J. J., flying machines.....	8661
Perkins, L., piston packing	8621