

INDEX OF INVENTIONS.

Barrel stands, L. D. West.....	10,800
Bearings and journals, J. H. McLean et al.....	10,770
Bed, fracture, I. M. Rhodes.....	10,777
Beverages, aerated, D. Johnson.....	10,818
Binders, grain, C. L. Travis.....	10,814
Binding, book, F. Hadley.....	10,821
Binding machines, grain, M. A. Keller.....	10,799
Bobbins, O. E. Watt.....	10,784
Bolt heading machines, J. A. Pillow et al.....	10,766
Bolting cloth cleaning, A. Graham.....	10,786
Books, memorandum, A. Gardner.....	10,804
Boot and shoe, J. Popham et al.....	10,780
“ “ heels, F. Richardson.....	10,807
Boxes, stuffing, J. Kennedy.....	10,822
Brakes, railway, C. F. Sinn et al.....	10,765
“ “ S. P. Tallman.....	10,760
Bridges and roofs, trusses for, E. Wasell.....	10,798
Butter, preserving, F. F. Wilkins.....	10,788
Carpets, pads for, H. M. Small.....	10,764
Cars, freight, E. D. Shaffer.....	10,774
“ hand, G. S. Sheffield.....	10,806
“ links for railway, J. M. Foss et al.....	10,769
“ live stock, T. Clark.....	10,773
Churns, D. D. Ferguson et al.....	10,779
Cocks, compression, T. Campbell.....	10,811
Collars, horse, V. Forester.....	10,782
Compass for ellipses, C. McBean.....	10,824
Crayon holders, J. Reckendorfer.....	10,772
Dials, sun, L. Thurston et al.....	10,816
Elevators, S. A. Bates.....	10,795
Fanning mills, J. R. Mitchell.....	10,801
Fastening for garments, C. E. Brush.....	10,819
Finnan haddies, canning, E. W. Potter et al.....	10,787
Gas regulators, W. B. Malcolm.....	10,802
Gates, G. J. Alford.....	10,781
Head rests, H. McConnell.....	10,762
Heels, boot and shoe, F. Richardson.....	10,807
Horse powers, D. Carmichael, jr.....	10,825
“ “ E. S. Manny.....	10,803
Incubators, J. L. Campbell.....	10,808
Journals and bearings, J. H. McLean et al.....	10,770
Lamps, electric, T. A. Edison.....	10,791
“ sick room, T. T. Johnston.....	10,788
Link for railway cars, J. M. Foss et al.....	10,769
Locks, permutation, J. Z. C. Miquelon.....	10,812
“ seal, G. M. Patten.....	10,789
Meters, water, J. Lewis.....	10,805
Middlings separators, J. W. Pyne.....	10,793
Motors, W. S. Colwell.....	10,809
“ and apparatus, W. S. Colwell.....	10,820
“ for locomotives, “.....	10,815
“ meters applicable to, J. Lewis.....	10,805
Mowing machines, R. Eickmeyer.....	10,798
Oil treating, D. D. Cattanaeh.....	10,797
Organs, reed, G. Piggett.....	10,810
Pads for carpets, H. M. Small.....	10,764
Pipe covering, H. Burgess.....	10,794
Regulators, gas, W. B. Malcolm.....	10,802
Rests, head, H. McConnell.....	10,762
Rivets, machine for setting, M. Bray.....	10,775
Roofs, trusses for bridges and, E. Wasell.....	10,796
Scrubbers, hand, H. A. Ste. Marie.....	10,823
Scythe snathe fixtures, S. Hayward.....	10,785
Sewing machines, J. C. Blackett.....	10,767
“ “ R. M. Wanzer.....	10,778
Signals, electric, F. Blake, jr.....	10,792
Skates, G. McCord.....	10,817
Sock, supporter, C. E. Brush.....	10,768
Springs, car, A. B. Davis et al.....	10,771
Stands, barrel, L. D. West.....	10,800
Threshing machines, C. Costello.....	10,790
Traces, making cock eyes of, J. Brayley et al.....	10,761
Traps, animal, O. Carss.....	10,818
Tree nail wedge machine, J. Lennerton.....	10,776
Trusses for bridges and roofs, E. Wasell.....	10,796

INDEX TO PATENTEEES.

Alford, G. J., gates.....	10,781
Bates, S. A., elevators.....	10,795
Blackett, J. C., sewing machines.....	10,767
Blake, F., jr., electric signals.....	10,792
Bray, M., machines for setting rivets.....	10,775
Brayley, J., et al., cock eyes of traces.....	10,761
Brazenor, E. L., cock eyes of traces.....	10,761
Brush, C. E., fastening for garments.....	10,819
“ “ sock supporter.....	10,768
Burgess, H., pipe covering.....	10,794
Campbell, J. L., incubators.....	10,808
“ “ T., compression cocks.....	10,811
Carmichael, D., jr., horse powers.....	10,825
Carss, O., animal traps.....	10,818
Cattanaeh, D. D., oil treating.....	10,797
Clark, J. B. and L. C., bolt heading machines.....	10,766
“ “ T., live stock cars.....	10,773
Colwell, W. S., motor and apparatus.....	10,820
“ “ motors.....	10,809
“ “ motors for locomotives.....	10,815
Costello, C., threshing machines.....	10,790
Davis, A. B., et al., car springs.....	10,771
Dempster, C. H., et al., cock eyes of traces.....	10,761
Edison, T. A., electric lamps.....	10,791
Eickmeyer, R., mowing machines.....	10,798
Ferguson, D. D., et al., churns.....	10,779
Forester, V., horse collars.....	10,782
Foss, J. M., et al., link for railway cars.....	10,769
Gardner, A., memorandum books.....	10,804
Graham, A., bolting cloth cleaning.....	10,786
Hadley, F., book binding.....	10,821
Hayward, S., scythe snathe fixtures.....	10,785
Hersey, R., et al., bolt heading machines.....	10,766
Hoffman, J., crayon holders.....	10,772
Hostetter, T., et al., journals and bearings.....	10,770
Jamieson, J., sewing machines.....	10,778
Johnson, D., aerated beverage.....	10,813
Johnston, T. T., sick room lamp.....	10,788
Keller, M. A., grain binding machines.....	10,799
Kennedy, J., stuffing boxes.....	10,822
Lennerton, J., tree nail wedge machine.....	10,776
Lewis, J., meters applicable to motors.....	10,805
Linton, J., et al., boots and shoes.....	10,780
Loughlin, J. S., et al., churns.....	10,779
McBean, C., compass for ellipses.....	10,824
McConnell, H., head rests.....	10,762
McCord, G., skates.....	10,817
McCrae, P., et al., railway brakes.....	10,765
Malcolm, W. B., gas regulators.....	10,802
Manny, E. S., horse powers.....	10,803
Miquelon, J. Z. C., permutation locks.....	10,812
Mitchell, J. R., fanning mills.....	10,801
Oakes, F. R., et al., canning finnan haddies.....	10,787
Patten, G. M., seal locks.....	10,789
Piggett, G., reed organs.....	10,810
Pillow, J. A., et al., bolt heading machines.....	10,766
Pitt, W. A., scythe snathe fixtures.....	10,785
Popham, J., et al., boots and shoes.....	10,780
Potter, E. W., et al., canning finnan haddies.....	10,787
Pyne, J. W., middlings separators.....	10,793
Reckendorfer, J., crayon holders.....	10,772
Rhodes, I. M., fracture bed.....	10,777
Richardson, F., boot and shoe heels.....	10,807
Shaffer, E. D., freight cars.....	10,774
Sheffield, G. S., hand cars.....	10,806
Shelby, C. C., fastenings for garments.....	10,819
Sinn, C. F., railway brakes.....	10,765
Small H. M., pads for carpets.....	10,764
Ste. Marie, H. A., hand scrubbers.....	10,823
Studer, W., et al., railway brakes.....	10,765
Tallman, S. P., railway brakes.....	10,760
Taylor, W. B., head rests.....	10,762
Thurston, L., et al., sun dials.....	10,816
Travis, C. L., grain binders.....	10,814
Vandenburg, J., et al., sun dials.....	10,816
Wait, O. E., bobbins.....	10,784
Wanzer, R. M., sewing machines.....	10,778
“ “ R. M., & T. D., sewing machines.....	10,763
Wasell, E., trusses for bridges and roofs.....	10,796
Watson, W. J., et al., link for railway cars.....	10,769
West, L. D., barrel stands.....	10,800
Whitney, W. B., et al., car springs.....	10,771
Wilkins, T. F., butter preserving.....	10,783