

- 43.579 Joseph Eastwood, Norwich, Eng., the production of matrices or moulds for stereotyping and apparatus employed therein.
- 43.580 John Henry Clauss, Tremont, Ohio, bread and cake knives.
- 43.581 Woodburn Langmuir, Toronto, Ont., rubber tire.
- 43.582 James Franklin Welch, Brooklyn, N.Y., worm gear.
- 43.583 Robert Adams, 67 Newington Causeway, London, Eng., opening, closing, regulating and controlling fanlights, swings, windows, doors, and analogous articles and appliances for effecting the same.
- 43.584 Thomas Hodder, Derby, Eng., method for securing the handles of cranes to their shafts.
- 43.585 Hermann Sichelshmidt, Dortmund, Prussia, axle-box with removable oil well and elastic oil cushion.
- 43.586 Hermann Sichelshmidt, Dortmund, Prussia, contractors, colliery and other similar railway wagons.
- 43.587 Henry Allen, London, Eng., relating to projectiles and the use of high explosives therein.
- 43.588 Thomas Alva Edison, Llewellyn Park, N.J., heating ores.
- 43.589 Jean Leembruggen Hooftstraat, Amsterdam, Netherlands, improvements in or relating to the closure of receptacles for food and other substances.
- 43.590 Gustavus Albert Waerber, New York, N.Y., hermetically sealed sheet metal vessels.
- 43.591 John Henry Hill Duncan, London, Eng., improvements in the manufacture of butter and in apparatus therefor.
- 43.592 Rudolph B. Dettweiler, Galt, Ont., mitre machine.
- 43.593 Edward Preston, Usher, Mass., battery plates.
- 43.594 Otte Van Oostrum, Portland, Oregon, waterproof garments.
- 43.595 Charles Wesley Davis, Montreal, sewing machine.
- 43.596 Elihu Thompson, Swanscott, Mass., lightning arrester.
- 43.597 Same as the above, except lightning arrester and discharge protector.
- 43.598 George V. Wyant, Petrolea, Ont., sleigh.
- 43.599 Christian C. A. Sienknecht, Tennessee, gate brace.
- 43.600 Carl Huhn, Buckenheim, Prussia, apparatus for carrying and keeping horses.
- 43.601 Albin Kuhn, Heidelberg Grand Duchy, Germany, contrivance for fastening scaffolds.
- 43.602 Wm. West, Roseville, Roundhay, Leeds, York, England, apparatus for moulding flower and other pots, saucers, pans and other ceramic and earthenware articles.
- 43.603 Ephraim Alpaugh, Preston, Ont., braces for turning bits.
- 43.604 Wallace Cutchbert, St. Johns, Que., improvements in kiln system.
- 43.605 Wm. Robinson, Makoduku, New Zealand, lifting apparatus for sack barrows.
- 43.606 Albert Whitehouse, Bridgetown, Stafford, Eng., improvements in the means for and mode of securing pneumatic tires on wheels.
- 43.607 Joseph G. Folcon, Evanston, Ill., improvements in ball and socket joints.
- 43.608 Sarah Newell, Versailles, Ill., milkpan covers.
- 43.609 Richard B. Holmes, Marcus, Iowa, attachments for chimneys.
- 43.610 George W. Thompson, Leadville, Colorado, safety tunnel warning device.
- 43.611 Henry Schmitz, Wymore, Nebraska, harness saddle.
- 43.612 Samuel Murray, St. George, New Brunswick, lard and butter cutter.
- 43.613 Robert Orlando Graham, Bloomington, Ill., oil pump.
- 43.614 Wm. H. Jellison, Petrolia, Penn., roofing joint.
- 43.615 Thomas C. Searls, Hamilton, Ont., clothes dryer.
- 43.616 George Coxon, Toronto, Ont., seat spring.
- 43.617 Samuel Raymond Scottron, Toronto, Ont., self-fastening shade pull-plate.
- 43.618 Charles Boeckh, Toronto, Ont., butter mould.
- 43.619 Charles Howard, New York, N.Y., methods of drying and vulcanizing wood.
- 43.620 Fernando G. Lane, Austin, Texas, clothes lines.
- 43.621 Harry Stanley Griffin, Philadelphia, Penn., dumping scows.
- 43.622 Henry O. Thomas, Kimball, Nebraska, tree balers.
- 43.623 Benjamin F. Stockford, South Bend, Indiana, speed and whistle recorder for locomotive engines.
- 43.624 John T. Wilkin, Connersville, Indiana, machine for cutting cycloidal revolvers.
- 43.625 John Belgiano, Baltimore, Maryland, portable water motors.
- 43.626 Albert Graft, Rykon, Swiss Republic, rustic seat.
- 43.627 Ernest August Weinhold, Louvain, Belgium, circular sifting machines.
- 43.628 Eldridge R. Johnston, Camden, N.Y., wire stapling machines.
- 43.629 Ross Guilmore, Chicago, Ill., book-binders' revelling.
- 43.630 George Monteith, Cincinnati, Ohio, hub bands.
- 43.631 Wm. Joseph Still, Toronto, Ont., electric propulsion of cars.
- 43.632 Ernest Gustave Hoffman, New York, N.Y., machines for manufacturing balls and like articles.
- 43.633 Carlo Sacco, Turin, Italy, car starters and brakes.
- 43.634 John Francois O'Brien, Montreal, Que., rubber overshoes.
- 43.635 Fernando G. Lane, Austin, Texas, clothes lines.
- 43.636 Gardner Clish, Truro, N.S., machine for jointing shingles and short boards.
- 43.637 Joseph Cloutier, Hull, Que., glaziers' tables.
- 43.638 Mary Sanders Hungerford, Island Clonakilty, Cork, Ireland, instantaneous fastening for boots, shoes, gaiters, and the like.
- 43.639 Joseph Hill, Williamsport, Penn., rotary steam engines.
- 43.640 Joseph McIntyre, Camlachie, Ont., sleighs.
- 43.641 Hector T. Sutherland and Charles H. McKay, New Glasgow, N.S., potato vine sprinklers.
- 43.642 Robert F. Hargraves, Providence, R.I., friction ratchet clutches.
- 43.643 Wooster B. Metcalfe, Hanover, Penn., cash recorders.
- 43.644 John Joseph Harnett, London, Eng., apparatus for the inhalation of compressed dry or medicated airs.
- 43.645 Wilhelm Stefan Heinrich Schmidt, Iverlohn, Prussia, buckle for endless straps, leather straps, and the like.
- 43.646 Herman Henry Hoffman, Chicago, Ill., blank books.
- 43.647 Robert Galloway, Macedon, N.Y., supports for the hoes of agricultural implements.
- 43.648 Richard Sylvester, Lindsay, Ont., cultivators.
- 43.649 Robert H. Wilson, Baggs, Wyoming, washing machines.
- 43.650 James Lochrie, Toronto, Ont., cycles.
- 43.651 Wm. G. Copp and James McCreath, Hamilton, Ont., disc harrows.
- 43.652 Amos Herbert Nobson, 9 Victoria Street, London, Eng., the production of non-alcoholic ale or beer.
- 43.653 Francis Lattimer, Halifax, N. S., attachments for door knobs.
- 43.654 Eli Danner, Black Creek, Ont., churn.
- 43.655 Israel Wolfe, Goshen, Indiana, nut locks.
- 43.656 Nelson R. Streeter, Grotton, N.Y., knockdown paper roll holder and cutter.
- 43.657 Herkert Ellsworth, Hamilton, Ont., alphabetical railway guide.
- 43.658 Gerolt Glicon, St. Louis, Mo., nut lock.
- 43.659 Thomas Henry Noxon, Ingersoll, Ont., harvester binder.
- 43.660 Robert W. King, Montreal, P.Q., steam boiler.
- 43.661 Joseph A. Knewson, Rogersville, Mo., stirrup for riding saddles.
- 43.662 Sarah Rosaline Thompson, Henrietta, Texas, fruit press.
- 43.663 Wm. Redford Mulock, Winnipeg, Man., knee cap.
- 43.664 John Abell, Toronto, Ont., steam engine.
- 43.665 Wm. J. Whittaker, McCook, Nebraska, implement for tightening fence-wire strands.
- 43.666 James Lang Pope, Cleveland, Ohio, automatic locking device for railway joints.
- 43.667 Same as the above, except improvements in rail joint securing device.
- 43.668 Jay Spencer Corbin, Prescott, Ont., disc harrow.
- 43.669 Marcus S. Henry, Minn., Kansas, harrow attachment.
- 43.670 Perry Ries, Goodrich, Mich., sulky plow.
- 43.671 Hector Gawley, of Grand Rapids, Mich., set works for saw mills.
- 43.672 Wm. R. Jairman & John Goulding Stamp, Buffalo, N.Y., velocipede.
- 43.673 D. M. Osborne & Co., and Charles Stephen Sharp, Auburn, N.Y., disc harrow.
- 43.674 George W. Morris, Brantford, Ont., separators.
- 43.675 James Watson, Easton, N.Y., improvements in methods of and apparatus for the regulation of dynamos and motors.
- 43.676 Bernhardt Hellman, Prague, Austria, stove.
- 43.677 George Coleman, Toronto, Ont., coffee mill.
- 43.678 Andrew Baldwin, Viroqua, Wis., sheeting lath.
- 43.679 Walter Herbert Avis, Toronto, Ont., wire covering mechanism.
- 43.680 Wm. P. Young, York, Pa., coin and slot machine.
- 43.681 John W. O'Mill, Robert Warg Dreaftman, Milwaukee, Wis., printers' quoins.
- 43.682 James Yates, Sombra, Ont., machine for coupling cars.
- 43.683 Robert Austin, Surrey Hills, Sydney, New South Wales, washing machine.
- 43.684 George Wm. Morris, Brantford, band cutter and automatic feeder for threshing machine.