

- 47.362 E. E. Gold, New York, thermostatic steam traps.
 47.367 T. Laverdiere, Village de Beaupre, Que., wire fence stretcher.
 47.368 C. M. Kimball, Toledo, Ohio, street sweeping machine.
 47.399 Consolidating Car Heating Company, Albany, N. Y., rotary engine.
 47.406 B. D. McConnell, Cote St. Antoine, Montreal, sewer well.
 47.407 T. Craney, Bay City, Mich., evaporator.
 47.412 J. A. Moys, Hampstead, London, Eng., centrifugal separator for molten metals.
 47.416 J. P. Oliver, Brunswick, Colony of Victoria, Australia, machine for distributing or collecting metal on roads.
 47.426 N. Burr, Batavia, Illinois, stove machine.
 47.431 J. O. Bezley, Baltimore, vaporizer.
 47.442 R. G. Underwood, Yonkers, N. Y., method of and apparatus for casting.
 47.450 W. R. Baker, Watertown, N. Y., water closet flushing device.
 47.452 E. Heyde, East Saginaw, Mich., steam steering apparatus.
 47.460 Mining and Dredging Power Company, New York, dredge.
 47.468 J. B. Hall, Toronto, danger signalling device.
 47.489 W. Schmidt, Villa Henkel, Hesse Nassau, Germany, valve motion for steam engines, etc.
 47.491 R. Hunter, J. W. Hackett and D. Robertson, all of Vancouver, B. C., method of driving circular saws.
 47.500 L. T. Austin and B. E. Cronkhite, both of Rossville, Ill., threshing machine.
 47.504 A. B. Woodhard, Wellsville, N. Y., machine for making wire fences.
 47.509 J. Vanes, Brazil, Ind., steam boiler.
 47.527 H. W. Stebbins, West Carrollton, Ohio, paper pulp digester.
 47.531 E. E. Gold, New York, steam heating system for railway cars.
 47.532 J. O. Pew, North Bloomfield, Ohio, fastening for metallic roofs.
 47.537 S. W. Cately and A. M. Ettlting, both of Cortland, N. Y., thill coupling.
 47.548 Canada Switch Manufacturing Company, Montreal, switch lock for railways.
 47.550 W. G. Adams, Westport, N. Y., rotary engine.
 47.556 T. A. Aldridge, Bridgewater, Somerset, Eng., roofing tile.
 47.564 W. P. Skiffington, New York, and A. G. Paul, Boston, method of heating.
 47.565 Canadian General Electric Company, Toronto, lightning discharge protector for electric apparatus.
 47.566 Canadian General Electric Company, Toronto, detector for electric current meters.
 47.568 Canadian General Electric Company, Toronto, safety device for arc lamps.
 47.569 J. S. Heaton, E. R. Wilson, A. M. Webber, W. A. McGrath and M. L. S. Bunckener, all of Shelbyville, Kentucky, car coupler.
 47.576 J. E. Worswick, Americus, Georgia, and A. E. Worswick, Montgomery, Ala., car wheel brake-shoe and dresser.
 47.582 The Western Wheeled Scraper Company, Aurora, Ill., road scraper.
 47.583 J. M. Morris, Salt Lake, Utah, car replacer.
 47.584 C. O. Thierne and A. Pelinski, St. Louis, Mo., machine for cutting boiler tubes.
 47.600 A. E. Trevithick, Montreal, track-clearing apparatus.
 47.613 C. V. Broughton, Buffalo, N. Y., signal telegraph.
 47.617 W. Armstrong, Toronto, Ont., pump.
 47.632 A. I. Gravier, Paris, France, dynamo.
 47.642 F. L. Decaire, Montreal, apparatus for cleaning gullies.
 47.647 C. Kimplen, Chicago, rock-breaking machine.
 47.650 G. Wright and A. Allister, both of Winnipeg, deodorizing apparatus.
 47.652 Gates Iron Works, Chicago, ore crusher.
 47.653 W. C. Dillman, Brooklyn, railway switch.
 47.668 E. F. Steck, Chicago, water tower.
 47.674 A. F. Murchie Kirkland, N. B., spark arrester.
 47.678 C. D. Jermyn, Hamilton, Ont., tube boiler.
 47.684 O. Beaudry and C. Leblanc, both of Ottawa, device for operating switch.
 47.705 E. Foster, Leamington, Ont., feed steamer boiler.
 47.728 L. D. York, Portsmouth, Ohio, rolling apparatus.
 47.732 R. B. Ham, Grand Rapids, Mich., combustible vapor engine.
 47.739 J. P. Roe, Pottstown, Pennsylvania, cover for manholes, etc.
 47.755 J. D. Pickles Buckland, Manchester, Conn., pulp beating machine.
 47.766 M. A. Kennedy, Pembroke, Ont., tree stump extractor.
 47.784 C. F. Kaul, Madison, Neb., draft regulator for brick kilns.
 47.789 A. McDougall, Duluth, Minn., method of, and apparatus for, sub-aqueous mining.
 47.790 E. Shydecker and H. S. Brown, both of San Francisco, steam boiler.
 47.792 E. Julien and T. Berthiaume, both of Montreal, street car.
 47.793 L. O. Burk and D. Hopson, both of Borning, Ark., valve gear for steam engines.
 47.795 C. E. Davis, Chicago, controller for electric motor.
 47.807 P. MacGregor, Ottawa, electric heater.
 47.819 J. Cotter, Kansas, Mo., furnace and boiler combined.
 47.828 P. S. Ross, Newark, N. J., sub-aqueous rock-breaking chisel.
 47.832 C. Klettner, Cincinnati, automatic railway car protector.
 47.849 W. E. Everitt, New York, machine for spreading plaster, Paris green, etc.
 47.850 J. F. McLoughlin, Philadelphia, closed conduit electric railway.
 47.858 F. Stevens and R. R. Kesteven, both of Philadelphia, electric switch or circuit breaker.
 47.859 J. H. K. McCollum, E. Crickmore, T. E. B. McCollum, M. B. R. Gordon, J. W. Sweatman, and T. W. Hector, all of Toronto, Ont., electric motor.
 47.865 The Thomson Houston International Electric Company, Portland, Maine, electro-magnetic reciprocating pump.
 47.873 C. E. Hebard, Grand Rapids, Mich., electric uterine battery.
 47.891 T. Heppell, Leafield House, Chesterle street, Durham, England, machine for cutting coal stone, etc.
 47.900 J. H. Finley, Buffalo, N. Y., pneumatic elevator.
 47.918 Canadian General Electric Company, Toronto, multiphase motor.
 47.933 C. Wegener, Berlin, Prussia, furnace for burning coal dust.
 47.794 E. L. Schanck, L. Center, and H. F. Owen, all of Delaware, Ohio, wire fence.
 47.796 F. S. Mead, Montreal, gas engine.
 47.797 J. L. Stambough, Standart, Texas, wrench.
 47.815 J. A. Caldwell, Bay Ridge, N. Y., steam boiler.
 47.816 J. Deritis, Detroit, Mich., storm door and screen combined.
 47.817 F. Engelhorn, Waldhof, Germany, method of preparing iron derivatives of albumen.
 47.818 G. Booth, Toronto, range boiler.
 47.820 G. F. Day and W. Hunter, both of San Francisco, Cal.
 47.826 C. J. Reed and G. Stahl, both of Philadelphia, Penn., magneto electric inductive apparatus.
 47.839 W. Hinnicks, Milwaukee, Wis., machine for crushing, pulverizing, and mixing minerals, etc.
 47.841 G. Hargreaves, Syracuse, N. Y., switch.
 47.842 J. E. Ronk and H. L. Shultis, both of Fort Wingate, New Mexico, aquatic bicycle.
 47.844 T. Mounce, Toronto, hasp lock.
 47.852 W. C. Lipi, Syracuse, N. Y., nail.
 47.855 S. R. Hawthorne, Hartford, Conn., roofing.
 47.862 C. R. Barber, Cleveland, Ohio, process of and apparatus for electro-plating.
 47.863 Canadian General Electric Company, Toronto, multiphase motor.
 47.867 G. H. Kinter, G. D. Teeler, and G. Tait, all of Buffalo, N. Y., car brake.
 47.934 R. G. Beker and G. E. Small, both of Montreal, automatic rivet making machine.
 47.935 Thomson-Houston International Electric Company, Portland, Me., electric railway.
 47.936 H. M. Paine, Newark, N. J., mode of controlling magnetic energy.
 47.944 R. M. McDonald and A. McDonald, Dalmeir, Scotland, electric battery.
 47.949 E. S. Manny and W. Robinson, both of Montreal, hot water tank.
 47.951 E. Maloney, Rochester, N. Y., door knob attachment.
 47.954 P. A. Myers, Ashland, Ohio, pump.
 47.955 J. B. Van Vlack, Van Vlack, Ont., cold storage chamber.
 47.965 M. A. de Palacio, Madrid, Spain, submerged way.
 47.967 J. A. Kinsella, Lancaster, Ont., cutter for cheese boxes.
 47.970 J. Cinnamon, New Brighton, N. Y., device for heating and ventilating houses, etc.
 47.971 J. N. Murphy and G. F. Murphy, both of Springfield, Ill., steam valve.
 47.977 S. G. Emerson, Tweed, Ont., sling lock.
 47.979 L. C. Packham, Detroit, Mich., car coupler.
 47.983 A. J. Fowler and J. Young, both of London, Ont., liquid fuel burner.
 47.984 J. W. Abrahams and H. A. Merlin, both of Allegheny, Penn., sheet metal pipe.