

Patents issued up to 23rd May, 1883, Claims and Drawings of which will appear in a subsequent number of the Patent Record.

- No. 16,777. W. Varnum, Erie, Penn., "Step ladders," 4th May, 1883.
- No. 16,778. T. H. Doyle and A. R. Stagg, Norwich, N.Y., "Whisk broom holder," 4th May, 1883.
- No. 16,779. S. S. Applegate, Camden, N.J., "Waking device," 4th May, 1883.
- No. 16,780. D. A. McDonel, Detroit, Mich., "Brush," 4th May, 1883.
- No. 16,781. J. W. Thomas, Jersey City, N. J., "Stove," 4th May, 1883.
- No. 16,782. S. Morton, Milton, N.S., "Coat adjuster," 4th May, 1883.
- No. 16,783. I. B. Keller, Lebanon, Penn., "Shirt," 4th May, 1883.
- No. 16,784. The Guelph Carriage Goods Company, Guelph, Ont., Assignees, "Vehicle," (Re-issue of Pat. 13,420,) 4th May, 1883.
- No. 16,785. J. Connell, Rochester, N.Y., Assignee, "Hoop machine," 4th May, 1883.
- No. 16,786. C. J. Fox, Liverpool, Eng., "Coffer-dams for ships," 4th May, 1883.
- No. 16,787. T. B. Dowsley, Owen Sound, Ont., "Wheel hub," 4th May, 1883.
- No. 16,788. The Powell Manufacturing Company, Burlington, Vt., Assignees, "Process of treating milk for the production of butter and cheese," 4th May, 1883.
- No. 16,789. W. Higly, Jackson, Mich., Assignee, "Bustle," 4th May, 1883.
- No. 16,790. S. C. Taylor, Morton, Eng., "Window," 4th May, 1883.
- No. 16,791. J. H. Snyder and W. Brodie, Muskegon, Mich., "Horse collar," 4th May, 1883.
- No. 16,792. G. H. Mallary, London, Eng., "Machinery for cutting or scraping wood," 4th May, 1883.
- No. 16,793. D. Shirley, New Market, Va., "Paper bags," 4th May, 1883.
- No. 16,794. L. H. Rhoades, Bay Centre, Washington, "Anchor," 4th May, 1883.
- No. 16,795. K. H. Pedrick, Lynn, Mass., "Envelope," 4th May, 1883.
- No. 16,796. J. Moneur, Owen Sound, Ont., "Lantern," 4th May, 1883.
- No. 16,797. F. H. DeTray and R. D. Vernilya, McClure, Ohio, "Knock down table," 4th May, 1883.
- No. 16,798. J. Turner, Grosse Isle, Mich., "Track layer," 4th May, 1883.
- No. 16,799. H. M. Rounds, Clear Lake, Iowa, R. K. Noye, Buffalo, N.Y., "Reduction machine for flour mill," 4th May, 1883.
- No. 16,800. E. Larson, South Pueblo, Colorado, "Saw sets," 4th May, 1883.
- No. 16,801. W. J. Coughlin, Lowell, Mass., "Pad holder," 4th May, 1883.
- No. 16,802. T. Blanchard, Stoughton, Mass., "Speed indicator," 4th May, 1883.
- No. 16,803. A. H. Armstrong, Plainville, Conn., "Car-coupler," 4th May, 1883.
- No. 16,804. C. J. Weld, G. W. Hooker, Brattleboro, G. C. Noble, St. Albans, Vt., "Shingle machine," 4th May, 1883.
- No. 16,805. C. Cook, Baltimore, Maryland, "Ash-sifter," 5th May, 1883.
- No. 16,806. W. O. Frost, Le Roy, N.Y., "Horse power," 5th May, 1883.
- No. 16,807. La F. Collins, Bay City, Mich., "Car shunters," 5th May, 1883.
- No. 16,808. A. McDougall, Duluth, Minn., "Tow Boat," 5th May, 1883.
- No. 16,809. G. A. Melcalf, Malden, Mass., "Ore separators," 5th May, 1883.
- No. 16,810. C. M. Douglass, Que., "Folding canvas boats," 5th May, 1883.
- No. 16,811. D. A. McDonel, Detroit, Mich., "Brush," 5th May, 1883.
- No. 16,812. S. Ollendorff, Detroit, Mich., "Spectacles," 5th May, 1883.
- No. 16,813. A. and A. J. Russell, Burr Oak, Mich., "Fences," 5th May, 1883.
- No. 16,814. P. Straith, Toronto, Ont., "Grindstone," 5th May, 1883.
- No. 16,815. I. G. Campbell, Chicago, Ill., "Catemenial sacks," 5th May, 1883.
- No. 16,816. J. England, N.Y., "Croze," 5th May, 1883.
- No. 16,817. A. Hudson, Newton, Mass., "Antimony furnace," 5th May, 1883.
- No. 16,818. J. E. Smith, Shilok, Ohio, "Grain separator," (Ext. of Pat. No. 8,780,) 5th May, 1883.
- No. 16,819. G. H. and W. H. Nichols and J. B. F. Herreshoff, Brooklyn, N.Y., "Copper smelting furnace," 5th May, 1883.
- No. 16,820. J. C. Farquhar and W. Oldham, Paris, France, "Filtering apparatus," 5th May, 1883.
- No. 16,821. G. H. Poschel, Union Hill, N.J., "Roofing composition," 5th May, 1883.
- No. 16,822. H. H. Rayner, London, Ont., "Automatic vent pegs," 5th May, 1883.
- No. 16,823. P. Lord, J. B. and A. S. Vmet, Montreal, Que., "Joints," 4th May, 1883.
- No. 16,824. G. W. Ainsworth, Montpelier, Vt., "Clothes drier," (Extension of Patent No. 2315,) 5th May, 1883.
- No. 16,825. W. W. Butcher, London, Ont., "Swinging baby's chair," (Extension of Patent No. 2342,) 8th May, 1883.
- No. 16,827. J. A. Graham, London, Eng., "Coating or covering iron with lead," 11th May, 1883.
- No. 16,828. J. S. Beeman, W. Taylor and F. King, London, Eng., "Battery," 11th May, 1883.
- No. 16,829. H. E. Braunfeld, Phil., Penn., "Fire escape," 11th May, 1883.
- No. 16,830. J. H. Elward, Polo, Ill., "Traction engines," 11th May, 1883.
- No. 16,831. R. A. Clark, Liverpool, Eng., "Potato digger," 11th May, 1883.
- No. 16,832. E. V. Gardner, London, Eng., "White lead process and apparatus," 11th May, 1883.
- No. 16,833. A. F. Martel, Montreal, Que., "Railroad construction cars," 11th May, 1883.
- No. 16,834. B. J. Foster, Glenn-Williams, Ont., "Self sustaining motor," 11th May, 1883.
- No. 16,835. P. Lessard and B. Boutin, St. Marguerite, Que., "Creamers," 11th May, 1883.
- No. 16,836. J. Allen, Alliston, Ont., "Vehicles," 11th May, 1883.
- No. 16,837. R. B. D. June and O. S. French, Fremont, Ohio, "Spark arrester," (Extension of Patent No. 8783,) 11th May, 1883.
- No. 16,838. J. Léveillé, Montreal, Que., "Sounding machine," (Extension of Patent No. 8774,) 11th May, 1883.
- No. 16,839. W. H. Hall, Tiffin, Ohio, "Horse hay rakes," 11th May, 1883.
- No. 16,840. J. A. Moffat, Hamilton, Ont., "Potato peeler," 11th May, 1883.
- No. 16,841. R. A. Bush, Brockville, Ont., "Fire escape," 11th May, 1883.
- No. 16,842. P. Allard, Sherbrooke, Que., "Wheel barrows," 11th May, 1883.
- No. 16,843. W. G. Fraser, Campbellford, Ont., "Bag fastener," 11th May, 1883.
- No. 16,844. F. Hyde, Toronto, Ont., "Self closing tap," 11th May, 1883.
- No. 16,845. F. McKay, Lobo, Ont., "Ointment," 12th May, 1883.
- No. 16,846. B. F. and B. Moore, Heathcote, Ont., "Churning apparatus," 12th May, 1883.
- No. 16,847. A. Watson, Summerside, Prince Edward Island, "Truck flangers," 12th May, 1883.
- No. 16,848. M. T. Buchanan, Ingersoll, Ont., "Compound for reducing the friction of the cutting tool when cutting threads on bolts, etc.," 12th May, 1883.
- No. 16,849. H. Bond, Haverhill, Mass., assignee, "Heel burnishing tool," 12th May, 1883.
- No. 16,850. J. Milne, Hamilton, Ont., "Stop cock valve," (Extension of Patent No. 6785,) 12th May, 1883.
- No. 16,851. J. L. Whiting, Boston, Mass., "Brush," (Extension of patent No. 9017,) 12th May, 1883.
- No. 16,852. J. L. Whiting, Boston, Mass., "Brush," (Extension of Patent No. 9017,) 12th May, 1883.
- No. 16,853. The Imperial Oil Company, (Limited), Cleveland, Ohio, assignees, "Apparatus for distillation of oils," (Extension of Patent No. 9438,) 12th May, 1883.
- No. 16,854. The Imperial Oil Company, (Limited), Cleveland, Ohio, assignees, "Apparatus for distillation of oil," (Extension of Patent No. 9438,) 14th May, 1883.
- No. 16,855. D. W. Case, Bay City, Mich., "Steam vessels," 14th May, 1883.
- No. 16,856. J. B. Wilson, Phil., Penn., "Umbrella runners," 14th May, 1883.
- No. 16,857. A. St. C. Buxton, F. O. Ross, London, Eng., and J. E. Blenn, Cincinnati, Ohio, "Means for regulating the supply of water to house service pipes and cisterns," 14th May, 1883.
- No. 16,858. A. F. and F. B. Johnson, Brooklyn, N. Y., "Electric perforator," 14th May, 1883.
- No. 16,859. A. F. and F. B. Johnson, Brooklyn, N. Y., "Automatic printing telegraph," 14th May, 1883.
- No. 16,860. T. J. Graham, Mobile, Alabama, "Paper bag-holder," 14th May, 1883.
- No. 16,861. E. M. Cross, Syracuse, N.Y., "Belting," 14th May, 1883.
- No. 16,862. R. Williams, Boston, and W. Booker, Somerville, Mass., "Hoop pole sawing machine," 14th May, 1883.
- No. 16,863. E. A. Sperry, Cortland, N.Y., "Dynamo electric machine," 14th May, 1883.
- No. 16,864. J. O. and W. S. Wiener and E. L. Gould, Brantford, Ont., "Spring hoe," 14th May, 1883.
- No. 16,865. D. M. Poirier, Halifax, Que., "Creamers," 14th May, 1883.