

Patents issued up to 29th December, 1881, Claims and Drawings of which will appear in a subsequent number of the Patent Record.

- No. 13,766. P. W. B. Murray and C. Gason Baker, Chicago, Ill., "Folding Cots," Dec. 1st 1881.
- No. 13,767. D. C. Bassett, Cambria Mills, Mich., "Buckle," Dec. 1st 1881.
- No. 13,768. J. F. Sanders, Ogden, Utah, "Vacuum Dredges," Dec. 1st 1881.
- No. 13,769. J. F. Sanders, Union City, Mich., "Spring buttons for buttoning Boots, Shoes, &c.," Dec. 1st 1881.
- No. 13,770. H. W. Burr, Cambridge Port, Mass., "Shoes," Dec. 1st 1881.
- No. 13,771. D. Whitlock, Newark, N. J., "Boot and Shoe Heeling Machine," Dec. 1st 1881.
- No. 13,772. J. Elliot, Montreal, Que., "Fuel Economizer and Smoke Consumer," Re-issue of Patent No. 12,759, Dec. 1st 1881.
- No. 13,773. A. Day, Detroit, Mich., "Railway Track Cleaner," Dec. 1st 1881, Extension of Patent No. 6833.
- No. 13,774. The Canadian Telephone Company, limited, (Assignee of T. A. Edison, Menlo Park, N. J., (Extension of Patent No. 8926,) Dec. 1st 1881.
- No. 13,775. The Canadian Telephone Company, limited, (Assignee of T. A. Edison, Menlo Park, N. J., (Extension of Patent No. 8926,) Dec. 2nd 1881.
- No. 13,776. H. J. Wickham, Hartford, Conn., "Envelope Machine," (Extension of Patent No. 6997,) Dec. 2nd 1881.
- No. 13,777. A. Pellicier, Washington, Col., "Pavement," (Extension of Patent No. 6834,) Dec. 2nd 1881.
- No. 13,778. J. Best and J. A. Bell, Montreal, Que., "Electric Lamp," Dec. 2nd 1881.
- No. 13,779. G. B. Taylor, New Brunswick, N. J., "Gib or Key for bolts, &c.," Dec. 2nd 1881.
- No. 13,780. The Manhattan Cabinet Manufacturing Company, N.Y., "Tables and Cabinets for Sewing and other Machines," Dec. 2nd 1881.
- No. 13,781. C. A. Apraxime, St. Petersburg, C. Russia, at present France, "Aerial Balloon," Dec. 2nd 1881.
- No. 13,782. C. A. Apraxime, Paris, France, "Aerial Balloon," Dec. 2nd 1881.
- No. 13,783. A. Letch and Michael Turnbull, Hamilton, Ont., "Hoist Safety Stop," Dec. 2nd 1881.
- No. 13,784. P. A. Gladwin, Boston, Mass., "Augers," Dec. 4th 1881.
- No. 13,785. W. J. Dudley, Boston, Mass., "Signal and Switch Apparatus for Telephone Circuits," Dec. 4th 1881.
- No. 13,786. J. Bradley, Lowell, Mass., "Knitting Machines," Dec. 4th 1881.
- No. 13,787. J. Bradley, Lowell, Mass., "Knitting Machines," Dec. 4th 1881.
- No. 13,788. J. Mathison, Lynn, Mass., "Mechanism for Sewing Buttons," Dec. 4th 1881.
- No. 13,789. Alpheus Van Loven, Yarker, Ont., "Strap Coupling," Dec. 4th 1881.
- No. 13,790. J. Legs, Village of Eltham, Ont., "Drill Plows," Dec. 4th 1881.
- No. 13,791. B. H. Hadley, Providence, R. I., Dec. 4th 1881.
- No. 13,792. L. P. Fairbanks, Portsmouth, N. S., "Steam Vessels," Dec. 4th 1881.
- No. 13,793. J. Johnson, Lowell, Mass., "Railway Car Heater," Dec. 4th 1881.
- No. 13,794. P. Cramer, Montreal, Que., "Hangers for Shifting," Dec. 4th 1881.
- No. 13,795. J. J. Hewitt, Markham, Ont., "Spark Arresters," Dec. 4th 1881.
- No. 13,796. C. E. Berry, Cambridge, Mass., "Harness," Dec. 4th 1881.
- No. 13,797. M. A. Reeves, Snelling, California, "Treatment of Catarrh Mucous and Skin Diseases and Baldness," Dec. 4th 1881.
- No. 13,798. J. Butler, Walsingham, Ont., "Paint," Dec. 4th 1881.
- No. 13,799. P. Houle, Montreal, Que., "Targettes pour Portes ou fenêtres," Dec. 5th 1881.
- No. 13,800. E. Fisher, Worcester, Mass., "Compressing and Punching Machine," Dec. 5th 1881.
- No. 13,801. W. F. Condon, East Saginaw, Mich., "Self Extinguishing Stoves or Heaters and Ventilators," Dec. 4th 1881.
- No. 13,802. J. B. Doray, S. Doray and J. P. Langlois, Sutton, Dec. 4th 1881.
- No. 13,803. E. G. Passmore, Phil. Penn., "Lawn Mowers," Dec. 4th 1881.
- No. 13,804. A. N. Mathews, Norwood, Mass., "Combined Valve Stern, Piston and Cylinder," Dec. 5th 1881.
- No. 13,805. W. R. Ailen, Township of Clark, Ont., "Threshing Machines," Dec. 5th 1881.
- No. 13,806. J. O. Wisner and W. Sheldon, Wisner, Brantford, Ont., "Spring Hoe," Dec. 5th 1881.
- No. 13,807. E. R. Whitney, C. E. Bossé and J. A. T. Craig, "Electric Steam Generator," Dec. 5th 1881.
- No. 13,808. W. Cooley, Waterbury, Washington, Vermont, "Milk Pan and Cooler," Dec. 5th 1881.
- No. 13,809. The Canadian Telephone Company, limited, Montreal, Que., (Assignee of A. G. Bell, Boston, Mass., Extension of Patent No. 7789,) Dec. 5th 1881.
- No. 13,810. The Canadian Telephone, limited, Montreal, Que., "Telephone," (Extension of Patent No. 7789,) Dec. 5th 1881.
- No. 13,811. J. W. McKnight, Washington, Col., "Artificial Stone File and Marble," Dec. 12th 1881.
- No. 13,812. J. J. Bate, Brooklyn, N. Y., "System of Ventilation, Refrigeration &c.," (Extension of Patent No. 6389,) Dec. 12th 1881.
- No. 13,813. J. J. Bate, Brooklyn, N. Y., "Improved System of Ventilation Refrigeration &c.," (Extension of Patent No. 6389,) Dec. 13th 1881.
- No. 13,814. W. D. Westman, Toronto, Ont., "Horse Power," Extension of Patent No. 6943, Dec. 13th 1881.
- No. 13,815. J. Parker, Reading, Penn., "Improved Bar Replacer," Dec. 14th 1881.
- No. 13,816. F. Aldred, Glencoe, Ont., "Spring Churn," Dec. 14th 1881.
- No. 13,817. Jas. Woltenholme, Buffalo, N. Y., "Apparatus for Burning Fuel," Dec. 14th 1881.
- No. 13,818. C. E. Laverty, Gladeville, West Virginia, "Drip Pan for Oil Barrels," Dec. 14th 1881.
- No. 13,819. M. A. Holton, Fitchburg, Mass., "Leather Skiving Machine," Dec. 14th 1881.
- No. 13,820. R. Smart, Mariatown, Ont., "Hercules Sawing Machine," Dec. 14th 1881.
- No. 13,821. Thos. Scott, Rockport, Penn., "Railroad Switch," Dec. 14th 1881.
- No. 13,822. D. L. Richards, Carleton, S. John, N.B., "Combination Chair and Wash Bench," Dec. 14th 1881.
- No. 13,823. J. R. Haskell, Passaic, N. J., "Multicharge Gun," Dec. 14th 1881.
- No. 13,824. E. G. Passmore, Philadelphia, Penn., "Lawn Mowers," Dec. 14th 1881.
- No. 13,825. W. F. Green, Troy, N. Y., "Crown Damper," Dec. 14th 1881.
- No. 13,826. G. M. Rice, and A. L. Rice, Worcester, Mass., "Improved Process of Dry Extraction by Solid Chemicals," Dec. 14th 1881.
- No. 13,827. E. G. M. Rice, Portsmouth, R. I., "Ankle Support for Skates," Dec. 14th 1881.
- No. 13,828. D. Uren, Portsmouth, N. H., "Marine Velocipede or Bicycle," Dec. 14th 1881.
- No. 13,829. A. N. Aubin, and L. M. A. Aubin, Montreal, "Novelty Water Furnace," Dec. 14th 1881.
- No. 13,830. C. E. Sizer, Elkhart, Indiana, "Automatic Feeder for Mouldings, Parfers, Roller Mills, &c.," Dec. 14th 1881.
- No. 13,831. J. W. Mann, Brockville, Ont., "Mann's Improved Seeder," Dec. 14th 1881.
- No. 13,832. A. F. McLean, Moncton, N.B., "Portable Harrow," Dec. 14th 1881.
- No. 13,833. T. A. Edison, Menlo Park, N. J., "Electric Lamp," Dec. 14th 1881.
- No. 13,834. Thos. A. Edison, Menlo Park, N. J., "Dynamo, or Magneto Electric Machines," Dec. 14th 1881.
- No. 13,835. H. R. Ives, Montreal, Que., "Smoke Consumer," (Extension of Patent No. 1,209,) Dec. 16th 1881.
- No. 13,836. G. M. Rice, and A. L. Rice, Worcester, Mass., "Process of Dry Extraction by Moist Chemicals," Dec. 16th 1881.
- No. 13,837. T. Sharp, Salem, Ohio, "Self-Acting Boiler Cleaner," Dec. 16th 1881.
- No. 13,838. L. E. Kianon, S. Catharines, Ont., "Buggy Dash," Dec. 16th 1881.
- No. 13,839. D. Kunkle, Oregon, Miss., "Car Coupling," Dec. 16th 1881.
- No. 13,840. T. W. Brown, Belmont, Mass., "Improvements in Egg Beaters," Dec. 16th 1881.
- No. 13,841. G. W. Hillard, Brighton, Ill., "Improved Faucet," Dec. 16th 1881.
- No. 13,842. W. J. F. Laddell, Charlotte, North Carolina, "Head Block for Saw Mills," Dec. 16th 1881.
- No. 13,843. W. W. Carey, Lowell, Mass., "Pulleys," Dec. 1881.
- No. 13,844. J. F. Wadswell, London, Ont., "Fence," Dec. 16th 1881.
- No. 13,845. J. A. Beverly, Bradford, Penn., (Assignee of B. F. Walker), Derrick, Penn., "Well Tubing Joints," Dec. 16th 1881.
- No. 13,846. L. M. Fitch, Rome, N. Y., "Platform Spring Wagon," Dec. 16th 1881.
- No. 13,847. F. W. Kremer, Wadsworth, and J. F. Fils, Akron, J. C. Kremer, At. of Ohio, "Oat Meal Cutter," Dec. 16th 1881.
- No. 14,850. F. L. Jones, Fentonville, Mich., "Over-Check attached to Harness," Dec. 17th 1881.
- No. 14,851. R. J. Burdell, Chicago, Ill., "Dyeing Kiln," Dec. 17th 1881.
- No. 13,852. G. F. Filley, St. Louis, Miss., "Stove and Range Oven Door," Dec. 20th 1881.