

No. 8835. J. W. Gaff, Cincinnati, Ohio, U. S. A., "Process of Reducing Vegetable Substances for Saccharification," 27th May, 1878.

No. 8836. M. W. Kidder, Boston, Mass., U. S. A., "Process and Apparatus for Generating and Purifying Gas," 27th May, 1878.

No. 8837. J. S. Whetere, New York, U. S. A., "Paving Concrete," 27th March, 1878.

No. 8838. F. Knapp, Brunswick, Germany, "Chemical Compound for Treating Hides, &c.," 27th May, 1878.

No. 8839. B. Cokley and J. F. Shelden, Movers, N.Y., U.S.A., "Churn," 27th May, 1878.

No. 8840. W. F. Watkins and J. T. Sawyer, Montreal, Que., "Washing Machine," 27th May, 1878.

No. 8841. P. Latulippe, St. Michel, Que., "Barley Cleaner and Polisher," 27th May, 1878.

No. 8842. J. Goulliond, Montreal, Que., "Corset," 27th May, 1878.

No. 8843. L. Gibbs and W. Gibbs, Canton, Ohio, U.S.A., "Breast Collar for Horses," 27th May, 1878.

No. 8844. J. A. Murray, Yarmouth, N.S., "Artificial Stone," 27th May, 1878.

No. 8845. F. F. Adams, (Assignee of M. N. Lovell,) Erie, Pa., U. S. A., "Wringer," 27th May, 1878.

No. 8846. R. T. Osgood, Orland, Me., U. S. A., "Protractor," 27th May, 1878.

No. 8847. F. Stewart and O. F. Scudder, St. Louis, Mo., U.S.A., "Hose Coupling," 27th May, 1878.

No. 8848. D. C. Peppard, Great Village, N.S., "Ship's Windlass," 27th May, 1878.

No. 8849. O. H. Arno, Somerville, and J. E. Turner, Cambridge, Mass., U.S.A., "Mechanical Musical Instrument," 31st May, 1878.

No. 8850. J. B. Dougherty, Rochester, N. Y., U. S. A., "Hoop Cutter," 31st May, 1878.

No. 8851. W. H. Mead and E. J. Davis, (Assignees of E. Mead,) Galway, N.Y., U.S.A., "Window Sash Holder," 31st May, 1878.

No. 8852. J. Mills, Milwaukee, Wis., U. S. A., "Middlings Mill," 31st May, 1878.

No. 8853. C. H. Votie and E. S. Piper, Toronto, Ont., "Metallic Sign for Street Lamps," 31st May, 1878.

No. 8854. D. F. Van Liew, Aurora, Ill., U.S.A., "Grain Doors for Freight Cars," 31st May, 1878.

No. 8855. N. Thompson, 23 Southampton Buildings, Eng., "Fastener for Doors, &c.," 31st May, 1878.

No. 8856. J. Wright, Colpoys Bay, Ont., "Gate," 31st May, 1878.

No. 8857. F. Knapp, Brunswick, Germany, "Tanning Process," 31st May, 1878.

No. 8858. R. H. Oates, Toronto, Ont., "Portable Feed Chopping Mill," 31st May, 1878.

No. 8859. C. O. Hammer, Pittsburg, Pa., U. S. A., "Bottle Stopple," 31st May, 1878.

No. 8860. R. W. Cowan and C. Pagé, Montreal, Que., "Flying Machine," 31st May, 1878.

No. 8861. N. B. Cooksey, Allamont, Ill., U.S.A., "Gate," 31st May, 1878.

No. 8862. M. S. Harsha and Owen Connelly, Chicago, Ill., U. S. A., "Washing Machine," 31st May, 1878.

No. 8863. E. B. Butterworth, Ottawa, Ont., "Heating Apparatus," 31st May, 1878.

No. 8864. A. N. Burbank, (Assignee of A. H. Fisher,) Bellows Falls, Vt., U.S.A., "Art of Reducing Wood to Pulp," 31st May, 1878.

No. 8865. J. Tirrell, Boston, Mass., (Assignee of C. F. Mudge and G. Whittaker, Brooklyn, N. Y.,) U. S. A., "File Cutting Machine," 31st May, 1878.

No. 8866. E. G. Libby, Medford, Mass., U.S.A., "Turbine," (Extension of Patent No. 2412,) 4th June, 1878.

No. 8867. E. P. Cowan, Germantown, Pa., U. S. A., "Shawl Strap and Head-Rest Combined," 4th June, 1878.

No. 8868. J. G. Moore, Lisbon, N. H., U.S.A., "Art of Reducing Wood to Pulp," 4th June, 1878.

No. 8869. M. Calhoun, Camaron, and S. Edge, Fort Union, Mexico, U.S.A., "Hame Fastenings," 4th June, 1878.

No. 8870. V. H. Felt, Kendall, N.Y., U.S.A., "Lifting Jack," 4th June, 1878.

No. 8871. S. S. Burr, Dedham, Mass., U.S.A., "Folding Bedstead," 4th June, 1878.

No. 8872. Elisha Gray, Chicago, Ill., U. S. A., "Speaking Telephone," 4th June, 1878.

No. 8873. C. E. Darling, Lewiston, Me., U.S.A., "Ventilator," 4th June, 1878.

No. 8874. W. W. Snyder, Martinsville, Ohio, U. S. A., "Flue Ditcher," 4th June, 1878.

No. 8875. C. E. Fosburgh, Louisville, Ky., U.S.A., "Carriage and Buggy Top," 4th June, 1878.

No. 8876. T. Galloway and J. Larsen, Oshawa, Ont., "Spring Hoe," 4th June, 1878.

No. 8877. C. P. Rockhill, Toronto, Ont., "Weed Extirpator," 4th June, 1878.

No. 8878. Hon. D. E. Price, Chicoutimi, Que., "Fish Register," 4th June, 1878.

No. 8879. J. Milne, Hamilton, Ont., (Assignee of G. Patterson, St. Catharines, Ont.,) "Waggon Arm and Draw Jack Combined," 4th June, 1878.

No. 8880. D. A. Calkins, Mosen, Mass., U. S. A., and J. W. Elliott, Toronto, Ont., "Hay Rake and Tedder," 4th June, 1878.

No. 8881. E. H. Gratot, Platteville, Wis., U. S. A., "Grain Heater," 4th June, 1878.

No. 8882. H. H. Norrington, West Bay City, Mich., U.S.A., "Bank Check Book," 4th June, 1878.

No. 8883. W. Spelman, Portland, Me., U. S. A., "Row Lock," 4th June, 1878.

No. 8884. C. H. Labelle, Keeseville, New York, U.S.A., "Mortise Lock," 4th June, 1878.

No. 8885. E. G. Randall, Boston, Mass., U. S. A., "Hand Stamp," 5th June, 1878.

No. 8886. R. M. Wanzer, (Assignee of G. Webster, Jr.,) Hamilton, Ont., "Bobbin Winders," 8th June, 1878.

No. 8887. T. C. Hewitt, Brantford, Ont., (Assignee of C. H. Smith, Chicago, Ill., U.S.A.,) "Lightning Rods," 8th June, 1878.

No. 8888. W. C. Gayton, Chicago, Ill., U. S. A., "Window Cleaner," 8th June, 1878.

No. 8889. S. Ruggles, Three Rivers, and G. Robinson, Palmer, Mass., U.S.A., "Potato Bag Extirminator," 8th June, 1878.

No. 8890. J. F. Allen, Brooklyn, N. Y., U. S. A., "Rivetting Machine," 8th June, 1878.

No. 8891. J. Tirrell, Boston, Mass., U.S.A., (Assignee of C. F. Mudge and G. Whittaker, Brooklyn, N.Y., U.S.A.,) "Rasp Machine," 8th June, 1878.

No. 8892. W. F. Glass, Cleveland, Ohio, U.S.A., "Apparatus for Pumping Fluids from Casks, &c.," 8th June, 1878.

No. 8893. T. Hodgson, Amherst, N. S., "Saw Grinder," 8th June, 1878.

No. 8894. B. F. Moss, J. D. Abbott and A. M. R. Fitzsimmons, Reading, Mich., U.S.A., "Saw Handle," 8th June, 1878.

No. 8895. A. M. Smith, Drummondville, Ont., "Fruit Crate," 8th June, 1878.

No. 8896. M. Willis, Skowhegan, Me., U. S. A., "Stocking Darning Block," 8th June, 1878.

No. 8897. J. H. Killey, Hamilton, Ont., "Apparatus for Assisting Combustion under Steam Boilers," 8th June, 1878.

No. 8898. W. Silverthorn, Windham, Ont., "Cultivator," (Extension of Patent No. 2456,) 10th June, 1878.

No. 8899. F. G. Tibbitts, Philadelphia, Pa., U.S.A., (Assignee of T. S. C. Lowe, Norristown, Pa., U. S. A.,) "Gas Apparatus," (Extension of Patent No. 6475,) 11th June, 1878.

No. 8900. F. G. Tibbitts, Philadelphia, Pa., U.S.A., (Assignee of T. S. C. Lowe, Norristown, Pa., U. S. A.,) "Gas Apparatus," (Extension of Patent No. 6475,) 12th June, 1878.

No. 8901. H. Parker, Gananoque, Ont., "Potato Digger," 13th June, 1878.

No. 8902. D. H. Tétu, South Point, Anticosti Island, Que., "Mole and Apparatus for Drying Fish, &c.," 13th June, 1878.

No. 8903. A. J. Hopkins, (Assignee of H. M. Wyeth,) Richmond, Ind., U.S.A., "Anti-Freezing Force Pump," 13th June, 1878.

No. 8904. E. C. Frost, Elmira, N. Y., U.S.A., "Range," 13th June, 1878.

No. 8905. J. H. Shant, Hornellsville, N.Y., U.S.A., "Oil Burning Stove," 13th June, 1878.

No. 8906. S. Drayton, Toronto, Ont., "Picture Frame," 13th June, 1878.

No. 8907. J. M. Palmer, Cambridge, Mass., U.S.A., and C. A. Shaw, Salem, Mass., U.S.A., "Gas Carburetter," 13th June, 1878.

No. 8908. J. G. Phillips, Bangor, N. Y., U. S. A., "Door Fastening," (Extension of Patent No. 6830,) 13th June, 1878.

No. 8909. H. W. Adams, Philadelphia, Pa., U. S. A., "Process and Apparatus for Manufacturing Illuminating Gas," 13th June, 1878.

No. 8910. W. R. Morris and J. Slausner, La Rue, Ohio, U. S. A., "Frame Building," (Extension of Patent No. 8264,) 13th June, 1878.

No. 8911. W. R. Morris and J. Slausner, La Rue, Ohio, U. S. A., "Frame Building," (Extension of Patent No. 8264,) 14th June, 1878.

No. 8912. J. S. Kempt, Magog, Que., and W. McEl Burpee, Derby, Vt., U.S.A., "Manure Spreading and Drilling Machine," (Extension of Patent No. 8752,) 17th June, 1878.

No. 8913. J. S. Kempt, Magog, Que., and W. McEl Burpee, Derby, Vt., U.S.A., "Manure Spreading and Drilling Machine," (Extension of Patent No. 8752,) 18th June, 1878.

No. 8914. J. Farmer, Hamilton, Ont., "Churn Dasher," 18th June, 1878.

No. 8915. J. Lavecey, Westminster, Middlesex Co., and J. Kild, Wandsworth, Surrey Co., Eng., "Lighting Apparatus," 21st June, 1878.

No. 8916. A. D. Elbers, Hoboken, N.J., U. S. A., "Apparatus for Separating or Purifying and Treating Mineral Wool and Manufacturing the same into Wadding, &c.," 22nd June, 1878.