

No. 8802. Improvements on Grinding Mills.*(Perfectionnements aux moulins à blé.)*

The Self-Adjusting Millstone Co., (Assignees of William M. Woodbury and George W. Baker,) Rochester, N. Y., U. S., 20th May, 1878, (Extension of Patent No. 6339,) for 5 years.

No. 8803. Improvements on Grinding Mills.*(Perfectionnements aux moulins à blé.)*

The Self-Adjusting Millstone Co., (Assignees of William M. Woodbury and George W. Baker,) Rochester, N. Y., U. S. 21st May, 1878, (Extension of Patent No. 6339,) for 5 years.

No. 8804. Improvements on Brooms.*(Perfectionnements aux balais.)*

Edward E. Carpenter, James C. Porter, Victor A. Rice and Milton J. Porter, Olmsted Falls, Ohio, U. S., 21st May, 1878, for 5 years.

Claim.—The handle A, having its lower end bevelled off, the bands B and D, and the malleable nails c c and d d, securing the bands and brush to the handle A.

No. 8805. Method of Preserving Animal Matter.*(Mode de conservation des matières animales.)*

George W. Scollay, New York, U. S., 22nd May, 1878, (Extension of Patent No. 2400,) for 5 years.

No. 8806. Hot Water Boiler.*(Calorifère à eau.)*

Enoch B. Butterworth, Ottawa, Ont., 22nd May, 1878, for 5 years.

Claim.—1st. The arrangement and combination of the draft tubes E, smoke box G, smoke spaces F¹ F², base of smoke space H¹ and B₂, draft holes O, smoke jacket W, smoke ring N, smoke flue D and D₂, dampers H H¹ and C₁, stopper G₁, divisions F², 2nd. In combination with a base burning steam or hot water boiler, of the bracket Q, the lower section of the outside casing E¹, with boiler base D₁.

No. 8807. Improvements in Metal Packages.*(Perfectionnements dans les boîtes métalliques.)*

John F. Ross, Toronto, Ont., 22nd May, 1878, for 5 years.

Claim.—1st. The heads D, provided with the slitted differentially inclined edge C, in combination with the cylinder A, provided with the recess B and having the upper lapping edge slitted and inflected to correspond with the heads. 2nd. The bail E, and pivoted lugs E E, in combination with the cylindrical package A, provided with the groove a, or its equivalent; 3rd. A fastening for the head of cylindrical packages consisting of the slitted differentially inclined edge C, and a recess B, with a lapping, slitted and inflected edge to correspond with the slitted edge C.

No. 8808. Machine for Sharpening Horse-Shoes.*(Machine à aiguiser les fers à cheval.)*

Robert S. Bailey, West-Concord, Vt., U. S., 22nd May, 1878, for 5 years.

Claim.—The combination of the vice and anvil B, horn C and incline D, also spring E with treadle F.

No. 8809. Improvements on Waggon Jacks.*(Perfectionnements aux chèvres à voitures.)*

William T. Wallace and James Johnston, Brockport, (Assignees of Marvin C. Flanders, Kandal,) N. Y., U. S., 22nd May, 1878, for 5 years.

Claim.—The spring rod fender F, incline guide I and lug g, by which the pawl pin is taken above the ratchet without catching in the teeth, in combination with the ratchet plates R, standard S, lever L and pawl P, staple a, hasp h, fulcrum pin p, perforations p₁ and base B.

No. 8810. Machine for Grinding Bark.*(Machine à triturer l'écorce.)*

William E. Nickerson, Somerville, Mass., U. S., 22nd May, 1878, for 5 years.

Claim.—1st. The combination of the feeding roll C, curved table A d e and grinding cylinder H; 2nd. The combination of the table K having its end formed into projections a' recesses with the grinding cylinder N.

No. 8811. Improvements on Cultivator*Frames. (Perfectionnements aux bâts des cultivateurs.)*

William W. Cowan, Stratford, Ont., 22nd May, 1878, for 5 years.

Claim.—1st. The shape or form of the frame A A; 2nd. The combination of the frame A with the teeth B; 3rd. The combination of the socket or groove C, with the frame A and the tongue D.

No. 8812. Process for Treating Sludge Oil.*(Procédé de traitement des huiles lourdes.)*

Walter P. Jenney, Brooklyn, N. Y., U. S., 22nd May, 1878, for 15 years.

Claim.—1st. The process of manufacture for producing from sludge or sludge oil, the manufacture or substance described, and possessing the properties or quantities substantially as described, by oxidizing the sludge oil by sulphuric acid. 2nd. The new substance or manufacture described, being partially oxidizing fluid, sludge oil possessing the properties of quantities described, 3rd. The new manufacture of paint described and possessing the properties or qualities described, composed of a vehicle consisting in whole or in part of oxidized sludge oil and suitable solid substance or base; 4th. The new manufacture or copper paint described and possessing the quantities or properties described, composed of a vehicle consisting in whole or in part of oxidized sludge oil, and a suitable body containing copper as described.

No. 8813. Machine for Extracting Rocks and Roots.*(Machine pour enlever les pierres et les racines.)*

George A. Flewell, Uxbridge, Ont., 22nd May, 1878, for 5 years.

Claim.—1st. The combination in a root and rock extractor of a triangular frame, consisting of the upright timbers a, brace b and axle c, and meeting at the apex a parallel frame consisting of upright a' and cross braces c'. The two frames being also braced together, the front frame fits over an axle working on a king bolt, both front and rear axles being provided with broad wheels W W, the whole forming a vehicle for, and in combination with a stump and rock extractor, 2nd. The combination of two ratchet-wheel m, ratchet P, latch lever Q, lever cord R, main lever I I having low brace J ball balance l and pulley g, rope e, pulley f and whiffletree h, with the four wheeled vehicles as described.

No. 8814. Improvements on Carriage Pole Holdbacks.*(Perfectionnements aux rayots des timons de voitures.)*

Samuel Maneer, Craigvale, Ont., 22nd May, 1878, for 10 years.

Claim.—The adjustable cap, (or hold back) with the facet or button, for the purpose set forth, namely, to lengthen or shorten the distance between the whiffletrees and the holdback, at will, and to secure the neck yoke from slipping from waggon and sleigh tongue, by the facet or button.

No. 8815. Improvements in Horse Detachers.*(Perfectionnements dans les palonniers.)*

Charles O. Baker and William Kline, Grand Rapids, Wis., U. S., 22nd May, 1878, for 5 years.

Claim.—The combination of the spring rods c d, cranked levers e, spring catches i, and rods o.

No. 8816. Improvements on Coffin Shields.*(Perfectionnements aux boîtes à cercueils.)*

Alton H. Mooers, North-Ridgeville, Ohio, U. S., 22nd May, 1878, for 5 years.

Claim.—The metal shield A, provided with a flange C and arms D, in combination with a coffin.

List of Patents issued up to 22nd June, 1878, but not yet Officially published in the Patent Office Record.

No. 8817. H. A. J. Compel and J. A. Dingens, Buffalo, N. Y., U. S. A., "Printers' Quoin," 22nd May, 1878.

No. 8818. D. C. Newell, New York, U. S. A., "Grinding Mill," 22nd May 1878.

No. 8819. L. Patterson, Park St., Pa., U. S. A., "Hinge," 22nd May, 1878.

No. 8820. W. McCord, Sing-Sing, and W. R. McCord, Jr., New York, U. S. A., "Scale Beam Spring," 22nd May, 1878.

No. 8821. J. M. Lewin, Lockport, N. Y., U. S. A., "Bottle Stopper," 22nd May, 1878.

No. 8822. J. Muirhead, Jr., Westminster, and H. A. Taylor, London, Eng., "Electric Telegraph and Apparatus Connected therewith," 22nd May, 1878.

No. 8823. R. B. Sanderson, Bridgewater, Pa., U. S. A., "Bracket," 22nd May, 1878.

No. 8824. M. B. H. Alson, J. W. Hawley and J. Wade, Canandaigua, N. Y., U. S. A., "Bag Holder," 22nd May, 1878.

No. 8825. T. Bingham and T. J. McTigue, Pittsburgh, Pa., U. S. A., "Low Water Signal," 22nd May, 1878.

No. 8826. D. E. Cooke and G. C. Schultz, Brantford, Ont., "Window Frame and Sash," 22nd May, 1878.

No. 8827. J. Haggas, Uxbridge, and W. Gooderham, Jr., Toronto, Ont., "Water Elevator for Locomotives," 27th May, 1878.

No. 8828. F. A. Havens, Wethersfield Ct., U. S. A., "Waggon and Gate Catch," 27th May, 1878.

No. 8829. C. P. Hoffman, Buffalo, N. Y., U. S. A., "Blind Stitch Sewing Machine," 27th May, 1878.

No. 8830. J. E. Underwood, Toronto, Ont., "Flat Iron Heater," 27th May, 1878.

No. 8831. J. D. Smith, Rockford, Ill., U. S. A., "Stump Extractor," 27th May, 1878.

No. 8832. A. Martin, Big Rapids, Mich., U. S. A., "Saw Filing Machine," 27th May, 1878.

No. 8833. C. H. McCaw and T. Brown, Port Perry, Ont., "Stove," 27th May, 1878.

No. 8834. J. H. Light, Calhoun, Miss., U. S. A., "Bee Hive," 27th May, 1878.