

Patents issued up to 30th April, 1883, Claims and Drawings of which will appear in a subsequent number of the Patent Record.

- No. 16,603. A. Ansley, Geneva, N. Y., "Combined Cultivator and Potato-Digger," 31st March, 1883.
- No. 16,604. J. D. Bruntton, Kentish Town, Eng., "Machinery or apparatus for cutting rock and cutting dressing planing and shaping stone," (Extension of Patent No. 8637), 3rd April, 1883.
- No. 16,605. E. Glendillen, Owen Sound, Ont., "Horse rakes," 3rd April, 1883.
- No. 16,606. I. Frechette, St. Hyacinthe, Que., "Shingle machine," (Extension of Patent No. 2279), 4th April, 1883.
- No. 16,607. N. H. Greene, Montreal, Que., "Freight cars," 4th April, 1883.
- No. 16,608. E. Bigelow, jr., Medford, N. S., "Reefing gear," 4th April, 1883.
- No. 16,609. H. J. Allen, Port Byron, N. Y., "Mince pie compound," 4th April, 1883.
- No. 16,610. P. Filman, Barton, Ont., "Draft bolt," 4th April, 1883.
- No. 16,611. L. Katzenstein, N. Y., "Metallic packing," 4th April, 1883.
- No. 16,612. J. Young and E. Furniss, Mellor, Eng., "Ring spinning and doubling frames," 4th April, 1883.
- No. 16,613. G. M. Crapen, Wilmington, N. C., "Draining cases for barrels," 4th April, 1883.
- No. 16,614. J. W. Barnes, Meaford, Ont., "Tonic medicine for the cure of liver complaint, dyspepsia, etc.," 4th April, 1883.
- No. 16,615. R. E. Strat, Galesbury, Mich., "Tabular wells," 4th April, 1883.
- No. 16,616. J. Darrigan, Cognotte, France, "Double jointing brick," 4th April, 1883.
- No. 16,617. A. F. Martel, J. McPherson, Montreal, Que., and A. F. McIntyre, J. T. Lewis, Ottawa, Ont., "Wire fence," 4th April, 1883.
- No. 16,618. A. Wildern, Vienna, Ont., "Vehicles," 4th April, 1883.
- No. 16,619. E. J. Nelson executor, Little Falls, N. Y., "Trusses," 7th April, 1883.
- No. 16,620. L. Francis, Kingston, Ont., "Step ladders," 7th April, 1883.
- No. 16,621. W. Taylor and F. King, London, Eng., "Plates for secondary batteries," 7th April, 1883.
- No. 16,622. R. A. J. F. Brown, Washington, Ind., "Brick and file kilns," 9th April, 1883.
- No. 16,623. A. B. Jardine, Hespeler, Ont., "Tire upsetter," 9th April, 1883.
- No. 16,624. P. N. McChesney and J. W. Craig, Port Elgin, Ont., "Gram decorticator and cleaner," 6th April, 1883.
- No. 16,625. D. Brix, Geneseo, Ill., "Stoves," 9th April, 1883.
- No. 16,626. L. Witham, Carrtunk, Maine, "Colks," 9th April, 1883.
- No. 16,627. J. Kelly, Chicago, Ill., "Stop and waste cook," 9th April, 1883.
- No. 16,628. F. X. Roy, Montreal, Que., "Carriages," 9th April, 1883.
- No. 16,629. W. S. Owens, Buffalo, N. Y., "Pan cleaning machines," 9th April, 1883.
- No. 16,630. M. W. Simkins, Newburgh, Ont., "Sewing machine, needle bars and needles," 9th April, 1883.
- No. 16,631. L. Carr, Shakopee, Minn., "Adjustable bane," 9th April, 1883.
- No. 16,632. T. Isherwood, Westerly, R. I., "Art of weaving cloth," (Extension of Patent No. 14,979), 9th April, 1883.
- No. 16,633. T. Isherwood, Westerly, R. I., "Art of weaving cloth," (Ext. of Patent No. 14,979), 10th April, 1883.
- No. 16,634. W. S. Eaton and H. G. Dorr, Boston, Mass., assignees, "Skiving machines," 10th April, 1883.
- No. 16,635. J. A. and L. N. Vankeuren, Bridgeport, Conn., "Waterproof preservation blacking," 10th April, 1883.
- No. 16,636. M. D. Ellison and J. W. Mitchell, Canisteo, N. Y., "Packing vessels," 10th April, 1883.
- No. 16,637. C. E. Patric, Rochester, N. Y., "Fertilizer distributors," 11th April, 1883.
- No. 16,638. P. Fitzgibbon, Oswego, N. Y., "Steam boiler," (Ext. of Patent No. 5740), 11th April, 1883.
- No. 16,639. W. E. Warner, Syracuse, N. Y., "Door hangers," (Extension of Patent No. 9663), 21th April, 1883.
- No. 16,640. M. R. F. Desjardins, Montreal, Que., "Heating apparatus," 11th April, 1883.
- No. 16,641. W. J. Keefe, Boston, Mass., "Paper box machines," 11th April, 1883.
- No. 16,642. E. F. Falconnet, Nashville, Tenn., "Vessel for aerial navigation," 11th April, 1883.
- No. 16,643. L. Heath, Boston, Mass., "Mattress," 11th April, 1883.
- No. 16,644. S. Trott and F. A. Hamilton, Halifax, N. S., "Submarine telegraph cable," 11th April, 1883.
- No. 16,645. R. M. Rose, Brooklyn, N. Y., "Attachment for sewing machines," (Extension of Patent No. 8,643), 11th April, 1883.
- No. 16,646. R. S. Bailey, West Concord, Vt., "Horse shoe sharpener," (Extension of Patent No. 3808), 12th April, 1883.
- No. 16,647. L. D. Haskell, jr., Beverly, Mass., "Porches for carriages," 12th April, 1883.
- No. 16,648. W. De K. Moody, Brantford, Ont., "Fruit evaporator," 12th April, 1883.
- No. 16,649. T. B. Mackey, Dallas, Texas, "Waggons," 12th April, 1883.
- No. 16,650. *The Hewith Box Lid Company*, Ill., assignees, "Oil box lid," (Extension of Patent No. 8,638), 12th April, 1883.
- No. 16,651. J. H. Kennedy and T. P. Hall, Toronto, Ont., "Switch opener," 12th April, 1883.
- No. 16,652. H. M. Loud, Oscoda, Mich., "Log feeders and turners," 12th April, 1883.
- No. 16,653. R. Johnston, Rama, Ont., "Snow plough," 12th April, 1883.
- No. 16,654. J. R. Winter, Chambersburg, Penn., "Fire escapes," 12th April, 1883.
- No. 16,655. G. D. Burton, Boston, Mass., "Roller skate," 12th April, 1883.
- No. 16,656. J. H. Ford, Toronto, Ont., "Fire escape," 12th April, 1883.
- No. 16,657. C. G. Calo, Albany, N. Y., "Horse collar," 12th April, 1883.
- No. 16,658. J. Fox, Oskaloosa, Iowa, "Washing machines," 12th April, 1883.
- No. 16,659. J. Sintzel, Hamilton, Ont., "Fire escape," 12th April, 1883.
- No. 16,660. J. R. Cross, N. Y., "Process for transferring the grain marks of wood and other configurations," (Extension of Patent No. 2,634), 12th April, 1883.
- No. 16,661. J. Fish and F. C. Ireland, Lachute, Que., "Hygienic foods," 12th April, 1883.
- No. 16,662. H. H. Taylor, Detroit, Mich., "Screw cutting machine," 12th April, 1883.
- No. 16,663. H. Myers, Springfield, Ohio, "Horse hay rakes," 12th April, 1883.
- No. 16,664. A. C. Tracy, Mitchellville, Iowa, "Milking pails," 12th April, 1883.
- No. 16,665. N. Burkholder, Cherrywood, Ont., "Threshing machines," 12th April, 1883.
- No. 16,666. J. H. Crocher, Brussels, Ont., "Shower bath," 12th April, 1883.
- No. 16,667. B. F. Chapman, Warton, Ont., "Life boats," 13th April, 1883.
- No. 16,668. F. Jones and W. Woolsey, Ypsilanti, Mich., "Shaft Attachment for sleighs," 13th April, 1883.
- No. 16,669. A. C. Palmer, Owosso, Mich., "Registers for wood working machines," 13th April, 1883.
- No. 16,670. A. O. Wilbur, Davis, Mich., "Vehicle springs," 13th April, 1883.
- No. 16,671. W. Kurty, N. Y., "Method and apparatus for producing photographic images," 13th April, 1883.
- No. 16,672. A. Gardner, Hamilton, Ont., "Combined memorandum book," (Extension of Patent No. 19,804), 13th April, 1883.
- No. 16,673. W. J. English and W. Wood, Cahoes, N. Y., "Non syphon trap," (Extension of Patent No. 15,777), 13th April, 1883.
- No. 16,674. W. J. English and W. Wood, Cahoes, N. Y., "Non syphon trap," (Extension of patent No. 15,777), 14th April, 1883.
- No. 16,675. W. Buck, Brantford, Ont., assignee, "Stove and furnace grate," (Extension of patent No. 2960), 16th April, 1883.
- No. 16,676. A. Russell and F. Curtis, Neyburyport, Mass., "Ship's pumps," 16th April, 1883.
- No. 16,677. W. Gates, Hopkins Station, Mich., "Land rollers," 16th April, 1883.
- No. 16,678. W. C. Burrows, Stockton, N. Y., "Churns," 16th April, 1883.
- No. 16,679. J. P. Whipple, Whatewater, Wis., "Paint distributors," 16th April, 1883.
- No. 16,680. A. Warnock, Galt, Ont., "Axles," 16th April, 1883.
- No. 16,681. J. J. Greenough, Syracuse, N. Y., "Machinery for grooming horses and other mechanical purposes," 16th April, 1883.
- No. 16,682. J. W. Oulton, Charlestown, Mass., "Car couplings," 16th April, 1883.
- No. 16,683. J. D. Kiely, Toronto, Ont., "Car couplings," 16th April, 1883.
- No. 16,684. S. D. Maddin, St. Paul, Minn., "Harvesters," 16th April, 1883.
- No. 16,685. G. A. Kennedy, Coaticook, Que., "Tabular lanterns," 16th April, 1883.
- No. 16,686. N. Richardson, Gloucester, Mass., "Steering mechanism," 16th April, 1883.
- No. 16,687. S. M. Churchill, State Centre, Iowa, "Nut locks," 16th April, 1883.
- No. 16,688. J. S. Beeman, W. Taylor and F. King, London, Eng., "Regulator batteries," 16th April, 1883.
- No. 16,689. W. Carter, Toronto, Ont., "Overalls," (Extension of patent No. 16,020), 16th April, 1883.
- No. 16,690. W. Carter, Toronto, Ont., "Overalls," (Extension of patent No. 16,020), 17th April, 1883.