

**No. 6775. Improvements on Lamp Wicks and Burners.***(Perfectionnements aux mèches et aux becs de lampes.)*

Henry C. Scott, Clinton, Ont., 20th November, 1876, for 5 years.

**Claim.**—1st. A stationary lamp wick composed of an upper asbestos section E and a lower section D of common wicking, in combination with a stationary wick tube a, section of the flame protecting plate and a regulating slide b fitted around and moving upon the outside of the tube. 2nd. The combination of the stationary wick tube a, regulating slide b and stop disc G attached to the lower end of the slide. 3rd. The perforated or wire gauze flame protector constructed in two sections, one of which is movable vertically. 4th. The combination of the cone C and the annular section of wire gauze or perforated plate c attached to the bars of said cone. 5th. The combination of the cone C, sections of wire gauze or perforated plate I and c and slide G.

**No. 6776. Machine for Punching and Shearing Metal.** *(Machine à poinçonner et découper le métal.)*

Isaac S. Van Winkle, San Francisco, Cal., U. S., 20th November, 1876, for 10 years.

**Claim.**—1st. The swinging head piece A carrying a punch C and cutter a and operated by the cam gear J K. 2nd. The weighted handle p in combination with the shaft e, cam gears J K and swinging head piece.

**No. 6777. Milk Sale and Refrigerator.***(Garde-lait réfrigérant.)*

Joseph F. Pool, Monroe, Wis., U. S., 20th November, 1876, for 5 years.

**Claim.**—1st. The solid shelf G constructed to conform snugly to the internal shape of the safe, in combination with door A, provided with ribs a; 2nd. The central shaft E, solid stationary shelf G, revolving shelves G<sup>2</sup> G<sup>3</sup>, ribs a<sup>2</sup> and doors A<sup>2</sup> and H, all arranged to form a combined milk safe and refrigerator.

**No. 6778. Steam Feather, Hair and Moss Renovator.***(Machine à rafraîchir la plume, le crin et la mousse par la vapeur.)*

Andrew Munroe, Lindsay, Ont., 20th November, 1876, for 5 years.

**Claim.**—1st. The combination of the wooden frame or stand a, supporting renovating box C. 2nd. The combination of the steam pipe B as it rests in notches in wooden frame or stand a supporting renovating box C as an axle on which it turns, also having under side perforations opening into open space T. 3rd. The combination of the half circle renovating box C with wooden frame or stand O. 4th. The combination of the buttons D D keeping steam pipe B in its place in wooden frame or stand O. 5th. The combination of the hooks G G holding up and fastening renovating box C to wooden frame or stand O. 6th. The combination of the fan L with axle H running through its middle and fan, also running horizontally through renovating box C.

**No. 6779. Improvements in Carriages.***(Perfectionnements dans les voitures.)*

John Eaket, Paslinch, Ont., 20th November, 1876, for 5 years.

**Claim.**—A tail board spring fastener for vehicles composed of the angle plate M having opening E and pivoted spring catch L notched and inclined to one end and provided with lifting handle D, and the catch G having an inclined shoulder to engage with catch L.

**No. 6780. Carriage Reach.** *(Flèche de voiture.)*

Robert Menary, Orangeville, Ont., 20th November, 1876, for 5 years.

**Claim.**—The parallel reaches E having branches F respectively clipped to the lower and upper sides of rear axle A and bent ends clipped to the head block C, and brace bar J secured to the reaches E and pivoting on the king bolt at the under side of the front axle B, the whole coupling the front and rear axles.

**No. 6781. Improvements on Military Accoutrements.***(Perfectionnements aux équipements militaires.)*

William S. Oliver, Halifax, N. S., 20th November, 1876, for 5 years.

**Claim.**—1st. The combination of the magazine brace and kit brace detachably connected; 2nd. The combination of the magazine brace, the kit brace and the magazine bag transferable from the shoulders to the loins and adapted to be applied by either brace. 3rd. The magazine brace. 4th. The kit brace provided at its centre part with metal eyes or loops. 5th. The magazine brace and kit brace in combination with the magazine bag and kit bag provided with hooks and adapted to engage the braces. 6th. The combination of the waist belt, the magazine brace, the kit brace, magazine bag and the kit bag. 7th. A set of accoutrements comprising a kit brace and bag, a waist belt and a coat yoke. 8th. The magazine bag provided with shiftable hooks. 9th. The magazine bag or the kit bag. 10th. The magazine brace combined with cavalry cartridge or ammunition pouches. 11th. The coat yoke constructed and provided with hooks. 12th. The canteen strap. 13th. The water bottle cup and water bottle strap arranged and adapted for application to the waist belt.

**No. 6782. Improvements on Brushes.***(Perfectionnements aux pinceaux.)*

John L. Whiting, Boston, Mass., U. S., 20th November, 1876, for 5 years.

**Claim.**—The combination with the tapering handle a of the butt b with its projections c c c and the ferrule e.

**No. 6783. Improvements in Sofa Bedsteads.***(Perfectionnements aux sofas.)*

Henry F. Hover, Philadelphia, Pa., U. S., (Assignee of James K. Stockton and Milo L. Stockton), 20th November, 1876, for 5 years.

**Claim.**—1st. A sofa bedstead or lounge bed having a reversible seat, the automatic head mattress D. 2nd. The combination in a bed lounge of the seat B, revolving mattress D, arranged and operating in combination with each other.

**No. 6784. Improvements on Bath Tubs.***(Perfectionnements aux baignoires.)*

Charles A. Blessing, Philadelphia, Pa., U. S., 20th November, 1876, for 10 years.

**Claim.**—1st. The combination with the water supply and waste pipes of a bath tub and supply cock of a siphon-shaped overflow pipe connected with the supply and waste pipe. 2nd. The combination with the water inlet pipe, hot and cold water supply pipes and waste pipe of a bath tub, of a single cock for admitting hot or cold water separately or together into the tub and to discharge the same into the waste pipe. 3rd. The combination with a shower bath pipe and pipes for admitting hot and cold water into the shower pipe of a single cock for permitting a simultaneous flow of water from the tub and into the shower pipe. 4th. The combination with a bath tub having recesses formed in its lining of a removable seat and suitable retaining device therefor.

## Lists of Patents issued up to 18th Dec., 1876, but not yet Officially published in the Patent Office Record.

No. 6785 J. Man, Montreal, Que., "Washing Machine," 20th November, 1876.

No. 6786. T. Hoeltge &amp; A. Hoeltge, Cincinnati, Ohio, U. S. A., "Sheet metal Elbow," 20th November, 1876.

No. 6787. W. W. Bartlett, Portland, Me., U. S. A., "Spring Bed Bottom," 20th November, 1876.

No. 6788. W. R. Landfear, Brooklyn, N. Y., U. S. A., "Lathe for Turning Spool," 20th November, 1876.

No. 6789. W. R. Smith, (assignee of G. A. Blodget), Elmira, N. Y., U. S. A., "Screen Holder," 20th November, 1876.

No. 6790. C. T. Arnould, Titusville, Pa., U. S. A., "Rail Joint," 20th November, 1876.

No. 6791. A. French, Philadelphia, Pa., U. S. A., "Lamps and Vessel Connection," 20th November, 1876.

No. 6792. T. T. Prosser, Chicago, Ill., U. S. A., "Machine for Indenting the Surface of Wire," 20th November, 1876.

No. 6793. G. Brougham, Chicago, Ill., U. S. A., "Meat Can," 20th November, 1876.

No. 6794. A. O'Neill, Baltimore, Md., U. S. A., "Pipe Joints," 20th November, 1876.

No. 6795. J. S. Passenger, Birmingham, Ct., U. S. A., and G. W. Pesinger, Brooklyn, N. Y., U. S. A., "Elliptic Spring Fitting Machine," 20th November, 1876.

No. 6796. T. Whitwell, South-Stockton, Eng., "Blast Furnace," 20th November, 1876.

No. 6797. H. Platts, Ithaca, N. Y., U. S. A., and T. G. Taylor, Toronto, Ont., "Billard Cue and Tip," 20th November, 1876.

No. 6798. J. Popham and E. Popham, Montreal, Que., "Steam Peg Breaker," 20th November, 1876.

No. 6799. S. McCannon, Gananoque, Ont., "Artificial Stone," 20th November, 1876.

No. 6800. A. O'Neill, Baltimore, Md., U. S. A., "Mode of Constructing and Laying Pipe," 20th November, 1876.

No. 6801. J. M. Laughlin, Boston, Mass., U. S. A., "Horse Shoe Nail Machine," 20th November, 1876.

No. 6802. G. H. Spencer Jersey N. J., U. S. A., "Spring Attachment for Vehicles," 20th November, 1876.

No. 6803. E. B. Regus, Jersey, N. J., U. S. A., "Valved Nozzle for Bottle Stoppers," 24th November, 1876.

No. 6804. H. M. Pierce, Detroit, Mich., U. S. A., "Process for Obtaining Pyroligneous Acetic Acid," 24th November, 1876.

No. 6805. W. T. Lake, Picton, Ont., "Fluid for Hardening, Toughening and Refining Iron," 24th November, 1876.

No. 6806. J. Cairns, P. Cairns and G. Cairns, Barrie, Ont., "Fanning Mill," 24th November, 1876.

No. 6807. C. N. Fisher, Willis, Texas, U. S. A., "Brick Machine," 24th November, 1876.

No. 6808. J. S. Bogle, Springfield, Ohio, U. S. A., "Spring Hoe," 24th November, 1876.

No. 6809. H. R. Ferris, Cleveland, Ohio, U. S. A., "Hand Truck," 24th November, 1876.