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INVENTIONS PATENTED.

No. 10,339. Improvements in Pumps.
(*Perfectionnements aux pompes.*)

John Fear, Menford, Ont., 13th Aug., 1879, for 5 years.
Claim.—1st. One or more chambers B connecting the suction pipes A and C, in such a manner that any heavy foreign matter, entering with the water into the chamber B, will sink to the bottom of the said chamber and not pass into the barrel E, through the pipe C. 2nd The suction pipe C, projecting into the valve chamber D, in combination with the valve I. 3rd The chamber B, having one pipe A discharging into it and another pipe C drawing from it, in combination with the hand hole H. 4th. The tapered plunger E, provided with leather packing F in combination with the nut G; 5th. In combination with plunger F and rod G connected to the handle L, a copper float K; 6th. A tapered vent pipe M, in combination with the valve N operated by the rod P. 7th. A wooden handle I, provided with a metal link N, in combination with the pump M and rod G. 8th The foot valve I connected to a tapered plug and situated within a chamber. 9th The valve chamber D, provided with a hand hole H, in combination with an laterally projecting pipe C.

No. 10,340 Improvements in Men's Drawers.
(*Perfectionnements aux caleçons pour les hommes.*)

George D. Elgin, Poughkeepsie, N. Y., U. S., 13th August, 1879, for 5 years.
Claim.—The drawers having each leg B made from a single piece or part A, which is cut bias and whose edges a b are united to form the single lengthwise back seam c.

No. 10,341. Improvements in Cockle Separators.
(*Perfectionnements aux séparateurs de nuelle.*)

R. Knth Hamilton, Ont (Assignee of Paulina M. L. Hersel), 13th August, 1879, for 5 years.
Claim.—1st. In combination with one or more perforated metallic revolving cylinders of a cockle separator, a non removable jacket enclosing and binding so tight to the same that they become consolidated as one. 2nd. In combination with a perforated revolving cylinder B, or cylinders, of a cockle separator, a jacket F made to fit tight to the same, said jacket being formed of any substance that can be placed around the cylinder in a soft state, and which will have the property of setting quickly and harder in a short time, so as to consolidate the two together. 3rd. In combination with the revolving cylinder and costing of a grain separator, an outer casing G, or hoops or bands H.

No. 10,342. Upper Jaw Check for Horses.
(*Ilène pour la mâchoire supérieure des chevaux.*)

Jacob A. Sherman, Freehold, N. J. U. S., 13th August, 1879, for 15 years.
Claim.—1st. The upper jaw check for horses composed of the rein a, straps b passing through the reins d of the bit, the nose strap or pad f, and the strap g by which the nose pad is suspended. 2nd The check rein holder m made of one or more pieces of leather with an intermediate filling of rubber.

No. 10,343. Improvements on Window Sash Balancing and Fastening. (*Perfectionnements aux fenêtres et aux contre poids de croisés.*)

Richard Crenlock and John R. Carle, St. John, N. B., 13th August, 1879, for 5 years.
Claim.—1st. The employment of cog wheels C C', racks R R' and pinions or friction wheels P P'. 2nd The stop K used in connection with the above gearing.

No. 10,344. Improvements on Sewing Machines. (*Perfectionnements aux machines à coudre.*)

Joseph I. Trotter, Three Rivers, Que., 13th August, 1879 for 5 years.
Claim.—1st. The three l'enter composed of the screw shank a and blade b. 2nd The combination of the screw shank a and blade b

No. 10,345. Improvements on Grain Driers.
(*Perfectionnements aux séchoirs a grain.*)

Peter Prevost, Little Chute, Wis., U. S., 13th August, 1879, for 5 years
Claim.—1st. The combination, with the tubes B through which the grain passes a hole being heated, of the adjacent funnel E provided with bevelled cross bars a, at different heights, and a deflector F depending from the lowest of said cross-bars. 2nd The combination with the discharge spout Ea, of a conical valve F having a stem movable up and down in an inner tube of the cylindrical part of the deflector E. 3rd. The combination with the grain tubes B, of the wires f, each provided with several balls arranged at intervals thereon; 4th. The wires f centered in the tubes B by means of the eyes g on the wires, and the conical depressions in the upper part of tubes B; 5th The top head having concave depressions around each conducting tube, to supply an equal quantity of grain thereto.

No. 10,346. Heel Plates for Boots and Shoes.
(*Plaques pour les talons de chaussures.*)

Luther H. Bellamy, Augusta, Ont., 13th August, 1879, for 5 years.
Claim.—1st. The combination of the heel A, plate B, pad C having projection D. 2nd. The combination of the heel A having pad C

No. 10,347. Improvements in Harrows.
(*Perfectionnements aux herbes.*)

Abner S. Baker, Kalamazoo, Mich., U. S., 13th August, 1879, for 5 years.
Claim. In combination with the frame of a harrow, the spring teeth curved in front of the girts and having their lower portions twisted, so as to set their base ends at right angles with their upper portions, whereby the then lowest corner of the said base ends forms points to the teeth.

No. 10,348. Improvements in Spring Bed Bottoms. (*Perfectionnements aux fonds de lits à ressorts.*)

William A. Bury, Detroit, Mich., U. S., 13th August, 1879, for 5 years.
Claim. The sections A hinged together at a and supported by the springs C resting upon the slats B.

No. 10,349. Manufacture of Boots. (*Fabrication des chaussures.*)

George A. McCully, Hamilton, Ont., 13th August, 1879, for 5 years.
Claim. The quarter and ramp cut from one piece of leather A.

No. 10,350. Improvements in Elliptic Springs.
(*Perfectionnements aux ressorts elliptiques.*)

Timothy Deiotte, Galt, Ont., 13th August, 1879, for 5 years
Claim. The detachable head C, provided with a bridge or bar f, in combination with the plates A B having ends a b.