

No. 3166. WILLIAM C. SHIPHERD, Cleveland, Ohio, U. S., 3rd March, 1874, for 5 years: "Improvements on Check Hook Guard for Harness." (*Perfectionnement des crochets des sellettes de harnais*)

*Claim.*—The check guard B, pivoted to the check hook A, in combination with each other.

No. 3167. THOMAS H. WHITE, and GEORGE W. BAKER, Cleveland, Ohio, U. S., 3rd March, 1874, for 5 years: "Street Lamp." (*Lampe de rue.*)

*Claim.*—1st. In street oil lamps the fountain or reservoir G, and vent pipe L, in combination with the feed pipe H, receiver I, supply pipe J, and wick chamber or tube B; 2nd. The reservoir G, connected with a receiver I, arranged exterior to the lantern A, and provided with a supply pipe J, extending from said receiver to the wick or oil chamber B, within said lantern; 3rd. A street oil lamp having an intermediate receiver I, so arranged in relation to the fountain or reservoir G, and wick chamber or tube B, within said lantern that the supply of oil to the wick will be at all times equal to the consumption and at the same level in the wick tube or chamber B, as in the receiver; 4th. The feed tube H, having a slanting or oblique termination, in combination with the receiver I, and reservoir G; 5th. The fountain G, and vent tube L, in combination with the feed pipe H, and stop-cock K.

No. 3168. JAMES K. PROCTOR, Malden, Mass., U. S., (Assignee of L. L. Robinson), 3rd March, 1874, for 5 years: "Castor attachment to Sewing Machine Tables." (*Ajustage des roulettes aux tables de machines à coudre.*)

*Claim.*—The castor wheels B, lever arm C, pitman rods D, and rod E, all arranged and combined together for operation as described.

No. 3169. WILLIAM C. SHIPHERD, Cleveland, Ohio, U. S., 5th March, 1874, for 5 years: "Improvements on Whistle-tree Stubs." (*Perfectionnements aux caboches des palonniers.*)

*Claim.*—The slotted stub or pillar A, with its shank B, in combination with the pivoted button C, as described.

No. 3170. WILLIAM MCKEAN, Toronto, Ont., 5th March, 1874, for 5 years: "Improvements on Meat Cutters." (*Perfectionnements aux hache-viande.*)

*Claim.*—1st. The combination of the circular rotating knives J, revolving table C, and radial shaft H, operating as set forth; 2nd. The standard F, and post G, each having a vertical adjustment, as set forth.

No. 3171. JOHN W. MEAKER, Detroit, Mich., U. S., 5th March, 1874, for 5 years: "Self-closing Doors for Hatchways." (*Panneaux d'écoutilles à fermeture automatique.*)

*Claim.*—1st. A door for enclosed hoistways consisting of two parts of different weights, the lighter being suspended to and under the heavier and both arranged to operate as described; 2nd. The combination of the cam G, lever F, and cord c, or its equivalent, with the doors D, and E, when constructed and arranged to operate as set forth.

No. 3172. ANDREW MUHLEISEN, Ottawa, Ont., 5th March, 1874, for 5 years: "Improvements on Hounds for Vehicles." (*Perfectionnements aux apanons de voitures.*)

*Claim.*—1st. The rear hounds for vehicles bent from a single piece of material; 2nd. The bent rear hounds constructed from a single piece of material in combination with the plate F, having socket G, to receive the coupling pin as described.

No. 3173. ROBERT C. MARGESON, Halifax, N. S., 5th March, 1874, for 5 years: "Medicine for the Cure of Stone, Gravel and other Diseases of the Urinary Organs." (*Médecine pour la guérison de la pierre, gravelle et autres maladies des organes urinaires.*)

*Claim.*—A medical decoction for cure of stone in the bladder, gravel, and other diseases of the urinary organs, prepared by in-

fusion or boiling the root, stalks, leaves or blooms of a certain plant or herb indigenous to the marshy or swamp lands of the Province of Nova Scotia and commonly called "Robin-run-round."

No. 3174. JAMES A. TUPPER, Ottawa, Ont., 5th March, 1874, for 5 years: "Improvements on Washing Machines." (*Perfectionnements aux machines à laver.*)

*Claim.*—1st. A washing machine having a segmental form of rubber operating within a tub having a semi-cylindrical bottom, the bars K, of the rubber corrugated peripherally and the bottom G, of the tub having zig-zag or angular corrugations; 3rd. Securing the outward bent edges of the bottom sheet G, to the bars I, I, by insertion in the longitudinal grooves for forming a tight joint therewith as set forth.

No. 3175. DAVID MACK, Barnsville, Ka., U. S., 5th March, 1874, for 5 years: "Garden Cultivating Implements." (*Instruments d'horticulture.*)

*Claim.*—The combination of wheel D, jointed beam E, A, rear roller L, and standard F, with horizontal weed-cutter J, and rearward superposed rake I, as described.

No. 3176. GEORGE CASEY, Ottawa, Ont., 5th March, 1874, for 5 years: "Clothes Washer and Wringer." (*Laveuse-tordeuse à linge.*)

*Claim.*—The combination of wheels A, and D, and connecting crank B, the ogee curved bars K, and L, on bottom of box, and on rubber, and the attachment of the rollers E, E, as a part of the machine.

No. 3177. GEORGE J. WILSON, and JOHN R. WILSON, Ottawa, Ont., 5th March, 1874, for 5 years: "Machine for Washing Clothes." (*Machine à laver le linge.*)

*Claim.*—The combination of air chambers A, B, C, socket for handle D, handles E, and H, and vents F, and G.

No. 3178. JOHN A. KNIGHT, Auburn, Me., U. S., 6th March, 1874, for 5 years: "Drawing or Writing Table." (*Table à dessiner et à écrire.*)

*Claim.*—1st. The construction of a drawer with a hinged inner lid that may be supported at an inclination as described; 2nd. The combination of a drawer within a drawer, working within it and forming its side in the manner described; 3rd. The combination of a drawer with a swinging extension tray as described; 4th. The combination of drawers with supplementary slides, as the slides B, described or with extension slides working in separate planes as those of the drawers F, and H.

No. 3179. THOMAS A. NORRIS and CHRISTOPHER LOCKMAN, Hamilton, Ont., 6th March, 1874, for 5 years: "Apparatus for Sifting Coal Cinders without Dust." (*Appareil à cribler le fraïsil sans poussière.*)

*Claim.*—A dust tight coal cinder sifter, arranged as follows, viz.: The combination of the hopper B, slide D, sifter E, wire bottom drawer I, ash drawer J, with the frame A, and cap C, as specified.

No. 3180. SETH F. CAWLES, Coventry, Vt., U. S., 6th March, 1874, for 5 years: "Apparatus for Cooling and Preserving Milk." (*Appareil à rafraîchir et conserver le lait.*)

*Claim.*—The combination of the two cooling reservoirs B, B, and the spout C, arranged as described and their combination with the two milk pans D, D, the reservoirs being provided with the induction and eduction pipes, in the combination of the windlass or shaft E, and its line c, with the reservoirs B, B, spout C, and pans D, D, all being arranged together and in the frame A, as set forth, the milk pan made with the curved or arched end as specified, the milk pan as made with the main and auxiliary flanges or lips b, c, arranged as set forth.