

No. 3305. ROBERT G. LITTLE, Halifax, N. S., 16th April, 1874, for 5 years: "Improvements in Churns." (Perfectionnements aux barattes.)

Claim.—1st. The combination of the churn A, with the extension B, having a lid c when constructed as specified; 2nd. The combination of the dashers e, and f, with the jointed lever d, constructed and arranged as described; 3rd. The combination with churn A, of the fly wheels G, and D, crank shaft b, jointed lever d, and dashers e, and f, as set forth.

No. 3306. ALEXANDER THOMPSON, Hamilton, Ont., 16th April, 1874, for 5 years: "Improvements in the Draught Power of Agricultural Implements." (Perfectionnements dans la tire des instruments aratoires.)

Claim.—The combination and arrangement of the several parts namely, the extension swivel pipe A, connecting ring B, in connection with clevis c, rod hook D, in connection with recoil spring E, in the tube, all operating as set forth.

No. 3307. G. BOUCHER de Boucherville, Quebec, 16th April, 1874, for 5 years: "Fire-escape Hook." (Crochet d'appareil de sauvetage.)

Résumé.—L'arrangement et la position relative du crochet A, et du gond, clou, ou support B, ou du crochet A, et du gond B, sur la fenêtre, la manière de passer la gâche E, de la corde D, sur le gond B, et de la contourner sur la courbe F, et la dépression C, du crochet A, tenu horizontalement en dehors de la fenêtre, le tout tel que décrit.

No. 3308. DAVID B. TENNANT, Yonge, Ont., 16th April, 1874, for 5 years: "Hand Sower." (Semoir à bras.)

Claim.—The combination of the oblong seed containing box A, having suitable carrying handles L, and perforated bottom B, longitudinal shaft D, having strips F, secured thereto, and gear wheels E, F, the whole operating as set forth.

No. 3309. DEWITT C. McDONALD and ISAAC B. GORDON, Rushford, N. Y., U. S., 16th April, 1874, for 5 years: "Horse Fork." (Fourche à cheval.)

Claim.—1st. In combination with the outside tines A₁, A₂, of a horse hay fork, the step b, constructed and attached as specified; 2nd. The horse hay fork, constructed with the 3 or more tines A₁, A₂, the shanks of each fastened together making one shank B, the shank or shanks elongated for the brace-bar D, to swing on, also having the upright stud or eye c, which the draft-bar D, swings on, all arranged as described; 3rd. Combination with the draft-bar D, eccentric trip-lever E, or its equivalent, arranged to operate in the manner described; 4th. The horse hay-fork formed of the tines A₁, A₂, and shank B, bolted together at a, the draft-bar c, pivoted to the central tine, or tines A, and having the notch e, the pivoted brace-bar D, the eccentric trip lever E, pivoted to the brace-bar D, the chain K, and trip cord g, all constructed, arranged and combined to operate in the manner specified.

No. 3310. ELBRIDGE MARSHALL, Iola, Ks., U. S., 16th April, 1874, for 5 years: "Washing Machine." (Machine à laver.)

Claim.—1st. The horizontally reciprocating beater H, having the rounded bar a, on top combined with the hinge-horizontal rubber C; 2nd. The arrangement of the forked lever G, hinged to the box B, by rod i, and eye-bolts h, and levers G, pivoted or hinged to beater H, in combination with the vertical rod F; 3rd. Providing the box B, with tapering strips e, applied inside on the bottom; and 4th. The adjustable connection of the rod F, and lever E, as set forth.

No. 3311. ALLEN STRAIN, Greenfield, Ohio, U. S., 16th April, 1874, for 5 years: "Car-coupling." (Attelage de wagon.)

Claim.—1st. The triangular plate F, with extension arm K, pivoted at h, in connection with pin i, rope E, and lever C, applied to draw bar A, to raise and lock the same; 2nd. The triangular gravity-plate B, arranged to press with its base upon lever C, in a slotted draw-bar A.

No. 3312. JOSEPH HANRAHAN, Ottawa, Ont., 16th April, 1874, for 5 years: "Rock Drill." (Drille de mine.)

Claim.—1st. A rock drill having a cruciform bit and either or both of the radial wings C, and D, bevelled unequally on opposite sides so as to throw the cutting edge out of a radial line; 2nd. Recessing the cutting edge A, centrally as set forth.

No. 3313. JOHN G. COOEY, St. John, N. B., 16th April, 1874, for 5 years: "Lamp Stove." (Poêle à lampe.)

Claim.—1st. The wick tubes D, D, D, arranged in pairs having intermediately an air space E, for conveying air for combustion to the burners; 2nd. Lamp-stoves, the water tank B, elevated above the oil tank A, and having an intermediately air space E; 3rd. The perforated hood-plate J, supporting the chimneys N, and perforated casing L, surrounding burners for the induction and passage of air; 4th. The shafts G, provided with wick elevating ratchet wheels having their bearings in the plates H, and held removably in place by vertical wedge shaped slides I, fitting in guides O; 5th. The arrangement of the shaft H, operating in the intermediate space between the oil and water tanks, 6th. The combination and arrangement of the chimneys N, and conical jacket M, having a perforated top.

No. 3314. CHARLES B. PETTENGILL, Hebron, Me., U. S., 16th April, 1874, for 15 years: "Kitchen Implement." (Outil de cuisine.)

To be used as a sad-iron holder; pie fork; for lifting basins, bowls and kettles; for shifting dampers, grates in stoves; lifting covers, &c.

Claim.—The combination of the arms b, c, frames c, f, rod i, prongs o, p, spiral spring j, and the leather or cloth covering n, arranged to operate in the manner set forth.

No. 3315. WILLIAM A. WHITE, (Assignee of J. F. Ross), Toronto, Ont., 16th April, 1874, for 5 years: "Clothes Bracket." (Séchoir à linge.)

Claim.—1st. A bracket clothes drier consisting of the brackets A, with stationary or hinged arms A₁, connected by the clothes rail D; 2nd. The bracket A, having the double hooks c, c, with slots between and tips C, in combination with the bracket arm A, having the trunnions B, and elongated end B₁, arranged as described.

No. 3316. EDWIN A. SMITH and EDWARD H. ROBERTS, Toronto, Ont., 16th April, 1874, for 5 years: "Burglar Proof Lock Attachment." (Disposition de serrure à l'épreuve des voleurs.)

Claim.—Arresting the operating of the bolt of a lock by the insertion of a pin B, or its equivalent, through the frame and any of the working parts of the lock as described.

No. 3317. JEAN B. CAMYRE, Montreal, Que., 16th April, 1874, for 5 years: "Boiler for Washing Clothes." (Chaudière de buanderie.)

Claim.—1st. The inner vessel of a double boiler for steam washing, the combination of the conduit pipe C; 2nd. The combination of an inner vessel B, having a conduit pipe C, with an outer boiler provided with an outlet or top D, as described.

No. 3318. JOHN GRAY and HENRY F. TEETER, Teeterville, Ont., 16th April, 1874, for 5 years: "Spring for all kind of Vehicles." (Resort propre aux voitures de toutes sortes.)

Claim.—The straight inside leaf B, with the prongs or slips C, two or more on each side of the inside leaf B, to receive the leaves of which the spring A, is composed.

No. 3319. CHARLES PARKER, (Assignee of George Geer), Meriden, Ct., U. S., 16th April, 1874, for 15 years: "Boot Jack." (Tire-botte.)

Claim.—A boot-jack consisting of the two parts A, B, with their respective horns D, the said two parts pivoted together and overlapping each other at a point distant from the pivot and secured in any desired position as described.

No. 3320. CHRISTOPHER LOCKMAN, JAMES M. DAVIES and ANDREW HAMMOND, Hamilton, Ont., 16th April, 1874, for 5 years: "Device for Uniting Rags for Carpets." (Appareil à joindre les guenilles à tapis.)

Claim.—The flat plate a, provided with a point d, hook c, and eye e, for uniting the ends of rags, slips of cloth, selvage, &c., as specified.