

No. 2806. JOHN WRIGHT, Sandwich, Ont., 18th October, 1873, for 5 years: "Cigar Making Machine." (Machine à faire des cigares.)

Claim.—1st. A plate N, and plate O, with projection o_1 , o_1 , acting in combination with the spaces or openings N₁, N₁, &c., or their equivalents, working with a bunch or cigar mould; 2nd. A plate D, and plate H, or their equivalents acting in combination with the spaces or openings N₁, N₁, &c., or their equivalents working with a bunch or cigar mould.

No. 2807. HERMAN FRANKELN, Toronto, Ont., 18th October, 1873, for 5 years; "A door spring." (Un ressort de porte.)

Claim.—1st. The spindle C, in combination with the spiral spring E, and arm H, in fig. 1, lug H, in fig. 2, arranged, formed, and operating, as described; 2nd. The clutch F, secured to the spindle C, in combination with the sockets G, in fig. 1, and the lug H, in fig. 2, arranged for the purpose of increasing the tension of the spiral spring E.

No. 2808. CHARLES PARKER, Meriden, Ct., U. S., 18th October, 1873, for 15 years: "Manufacture of sheet metal boxes." (Fabrication des boîtes métalliques.)

Claim.—1st. A case or box for eye-glasses, spectacles, matches, and similar purposes, formed from two plates A, and B, closed together; 2nd. A box or case for eye-glasses, spectacles, and similar purposes, formed from two plates A, and B, lined and closed together and with or without the flange f; 3rd. The dies constructed as described for closing or securing the edges of sheet metal boxes, cases and like articles.

No. 2809. JOSEPH PROCTOR, Boston, Mass., U. S., 18th October, 1873, for 5 years: "Sewing Machine Motor." (Moteur de machine à coudre.)

Claim.—The combination with the interior frame or plates a , b , and train of gears embraced therein, the outer plates c , d , constructed and arranged as set forth.

No. 2810. MARTIN LOCKWOOD, Cuba, N. Y., U. S., 18th October, 1873, for 5 years: "A Churn." (Une baratte.)

Claim.—1st. The upper dasher K, provided with a socket for its handle, and a guide for the handle of the lower dasher, in combination with the lower dasher K₁, having a socket for its handle when said sockets are eccentrically situated for the reception of the handles; 2nd. The levers E, E, provided at each end with fastening buttons p , p , for the attachment of the rods F, and dasher handles I.

No. 2811. DAVID B. MOORE, Oswego, N. Y., U. S., 18th October, 1873, for 5 years: "A Stove Pipe Shelf with Damper and Clothes Drier." (Une tablette à tuyau de poêle avec clé et séchoir à linge.)

Claim.—1st. The combination of the perforated pan A, with collar a , and sliding damper n , plate D, with collar a' , and plate C, with opening b , and damper h ; 2nd. The combination of the pan A, the arms p , p , and catches i .

No. 2812. CHARLES BLACKTIN, St. Stephens, N. B., (Assignee of John Kerr), 27th October, 1873, for 5 years: "A Saw-mill Feed Wheel." (Une roue d'alimentation de scierie.)

Claim.—The feed wheel a , having a triangular sided V shaped rim and arranged in combination with the sleeve b , arms c , c , and operating lever or rod h , and pawl i .

No. 2813. CHARLES D. KNAPP, Northfield, Vt., U. S., (Assignee of Joshua Sawyer), 27th October, 1873, for 5 years: "A Marble Wash." (Une lessive à marbre.)

Claim.—The application of muriatic acid to the stone while it is wet with the sal soda, thereby preventing the acid from injuring or colouring the stone in any way, in the proportions and for the purposes set forth.

No. 2814. PHILIP H. JENKINS, Toronto, Ont., 27th October, 1873, for 5 years: "Manufacture of Staple Fibre and Paper Pulp from Burdock." (Fabrication de produit fibreux et de pâte à papier de bardane.)

Claim.—The manufacture of staple fibre and paper pulp by the process described, or by any such process by which the fibre is separated and the weed becomes a staple of manufacture.

No. 2815. JAMES E. GILLESPIE, Norwich, Ct., U. S., 27th October, 1873, for 5 years: "Improvements in Rotary Pumps or Motors." (Perfectionnements aux pompes rotatives ou moteurs.)

Claim.—1st. The combination of sliding, and revolving radial pistons and loose eccentric rings E, for operation together; 2nd. The stationary eccentric D, and loose ring E, in combination with the radial pistons of a rotary pump or motor; 3rd. The radially sliding pistons C, having extensions c , c , towards the shaft in combination with the correspondingly recessed or grooved revolving drum and loose eccentric ring E; 4th. The combination of the pins upon the piston C, with the recesses e , in the loose ring E; 5th. The blocks a , to the pistons C, made adjustable from the outside of the cylinder or case.

No. 2816. EDWARD J. DEUROCHE & WILLIAM WARD, Petrolia, Ont., 27th October, 1873, for 5 years: "Improvements on Well Tube Stuffing Boxes." (Perfectionnements aux boîtes à étoupe de tuyaux de puits.)

Claim.—1st. In combination with the well tube or casing F, a stuffing box A, provided with vent holes C, and having a packing seat or groove I, for the reception of a packing gasket, and a central orifice to form in combination with the pump tubing E, an annular space D; 2d. In combination with the well casing F, packing box A, and pump tube E, the lid or cover B, holding the pump tube suspended, and arranged to press upon the packing in the packing seat I, by the gravity of the pump tubing as set forth.

No. 2817. DAVID W. LONG, Parkersburg, W. Va., U. S., 27th October, 1873, for 5 years: "Improvements on Hinges." (Perfectionnements aux pentures.)

Claim.—The leaves A, and B, combined with the additional leaf D, which latter is to be secured to the post at right angles to the plane of the door when closed, the knuckles and the pintle both falling without the plane of the leaves A, B, when they are both in a right line, this arrangement being such as to allow the door to move through half a circle, all as described.

No. 2818. ANTOINE LANGELLIER, Concord, N. H., U. S., 27th October, 1873, for 5 years: "Improvements on Car Couplings." (Perfectionnements aux attelages des voitures de chemins de fer.)

Claim.—The combination of the link B, having the pawl a , spring D, spring A₁, chain H, lever or bracket c , with a draw-head A, all arranged to operate in the manner set forth.

No. 2819. ANTOINE LANGELLIER, Concord, N. H., U. S., 27th October, 1873, for 5 years: "Improvements in Car Couplings." (Perfectionnements aux attelages des voitures de chemins de fer.)

Claim.—The combination of the pawl M, catch N, chain or rope L, pin F, lever J, flat bar I, with the draw-head A, all arranged to operate as set forth.

No. 2820. ANTOINE LANGELLIER, Concord, N. H., U. S., 27th October, 1873, for 5 years: "Improvements in Car Brakes." (Perfectionnements aux freins de wagons.)

Claim.—1st. The car brake, composed of the friction wheel F, Figs. 1 and 2, with their respective axle-trees and chains, M, N, and P, Q; 2nd. The combination of the whiffle-trees E, O, A₁, and A₂, with the chains M, N, and P, Q, attached thereto; 3rd. The combination of the rods B, B₁, and B₂, and the rods C, e , and F₁, with their respective springs D₁, M₁; 4th. The combination of the slotted lever L₁, and the spring M₂, Fig. 2, with the friction wheel F; 5th. The combination of the bunters A, A, and S, S, combined, adjusted and operated as set forth.

No. 2821. WILLIAM SIMPSON, Berlin, Ont., 27th October, 1873, for 5 years: "Mirror and Picture Frame Holder." (Porte-cadre et portemiroir.)

Claim.—A wire holder B, having a loop-apex a , equal sides b , and extensious d , and end c , arranged and applicable as described.