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INVENTIONS PATENTED.

No. 3876. THURSTANS GROOM, Guelph, Ont., 30th September, 1874, for 5 years: "Cooking Range." (Landier de cuisine.)

Claim.—1st. The application to cooking ovens of the inlet air pipe F, in combination with the damper F', arranged and operating as described; 2nd. The grate bars I, in combination with the grate bar holders L, with slots a, arranged as described; 3rd. The flue doors A, with handle a, counter balance a, and lip a, arranged as described; 4th. The application to cooking ranges of the hot air chambers z, arranged as described. 5th. The sliding smoke disperser H, with sliding door h and rack h, arranged as described.

No. 3877. GEORGE B. DURKEE, Alden, N. Y., U. S., 30th September, 1874, for 5 years: "Axle Box." (Boite d'essieu.)

Claim.—1st. The combination with the box B, provided with oil reservoir b of the cylindrical nut c, screw-cap D, and packing d; the whole constructed as set forth. 2nd. The combination with the journal A, provided with shoulder g, and flange h, of the box B, provided with groove i, flanges k, l, and packing m. 3rd. The combination with the subject matter of the preceding claim P, constructed as set forth.

No. 3878. CARLOS L. PAGE, Cambridge, Mass., U. S., 30th September, 1874, for 5 years: "An Elevator." (Un élévateur.)

Claim.—The mechanism or combination for checking or preventing descent or fall of the elevator platform, and its supporting frame in case of accidental breakage of the lifting rope, such mechanism consisting of the toothed racks c, c, gears E, E, inclined planes F, F, locking racks G, G, cross head H, and spring h, h, all arranged and applied to the platform frame as specified, in combination with the platform frame, and the guides or guideracks, the hooked fingers, and the grooves or their equivalent as specified.

No. 3879. MOSES G. CRANE, Newton, Mass., U. S., 30th September, 1874, for 5 years: "Automatic Signal Boxes for Electro-Magnetic Fire Alarm Telegraph." (Boite de signaux automatiques pour les télégraphes électro-magnétiques d'alarme à feu.)

Claim.—1st. A fire alarm signal box, the lever G, with its lug V, and hook t, the flange p, and its notches V, the lever b, insulated plate c, and magnet D, all combined and operating as specified. 2nd. The combination of the lever H, lever G, and wheel F, whereby the said wheel is liberated and allowed to revolve under the stress of the motor G, as specified.

No. 3880. EPHRAIM F. HERRINGTON, West-Horsick, N. Y., U. S., 30th September, 1874, for 5 years: "Improvements on Harvesters." (Perfectionnements aux moissonneuses.)

Claim.—1st. The combination of the clip A, the moveable guide E, and the catch F, or its equivalent, to permit the removal or replacement of the putman while holding it securely in position. 2nd. The combination of the clip A, the post I, cast thereon, the shoulder i, on the post, guide turning thereon, and the bolt a, passing through the clip post and guide, and the nut K, which holds down the guide; 3rd. The combination of the nut lock J, nut k, guide E, and clip A; 4th. The arm E, movably attached to a fixed base plate, and held by a suitable catch F.

No. 3881. JOHN E. THOMPSON, Stanbridge, Que., 30th September, 1874, for 5 years: "Apparatus for Cooking Vegetables." (Appareil à cuire les légumes.)

Claim.—1st. The combination of the boiler A, plate H, with openings therein and dampers I, I, I, and I, steamer C, provided with adjustable diaphragms E, and lid F, with or without the saucopan G, and lid G'. 2nd. The combination of the boiler A, steamer C, provided with adjustable diaphragms E, and lid F, with or without the saucopan G, and lid G'. 3rd. The steamer C, with perforated bottom D, and divided up into two or more chambers, the size of which may be varied by means of the adjustable diaphragms E. 4th. In combination with any steamer the Plate H, having openings formed therein and provided with dampers as set forth.

No. 3882. AUSTIN V. M. SPRAGUE, Rochester, N. Y., U. S., 30th September, 1874, for 5 years: "Can Opener." (Outil pour ouvrir les boites métalliques.)

Claim.—1st. The combination with the slotted fulcrum A, of the blade B, pivoted to legs b, b, and playing in the slot a, of the fulcrum. 2nd. The blade B, formed with the cavity c, and convex cutting edge d.

No. 3883. THOMAS A. WILLIAMSON, Knowlton, Que., 30th September, 1874, for 5 years: "Milk Vat." (Jatte à lait.)

Claim.—1st. The milk pan A, constructed with a bottom C, sloping from each end towards the centre, the milk pan A, having exterior chambers F, to contain saw dust applied within a water tank B.

No. 3884. HARVEY A. MANDERSON, Maria, Que.: 30th September, 1874, for 5 years: "Combined Sleigh and Carriage." (Voiture mixte.)

Claim.—1st. The frame B, having slotted ends, receiving the axle F, and secured transversely to the runner A; 2nd. The combination of the removable top E, spring C, and axle F, with the frame B, wheels K, and runners A. 3rd. The blocks H, bolts I, and slides J, for securing the adjustable parts fixedly. 4th. The bar L, pivoted to the runner for changing the elevation of the shafts M.

No. 3885. JOHN LUND, East-Oxford, Ont., 30th September, 1874, for 5 years: "Corn Husker." (Égrenoir à blé-d'inde.)

Claim.—1st. The knife carriage C, and spring ejector H, combined with a frame B, and detent bar G, operating as set forth. 2nd. The jaw J, in combination with the spring ejector H, operating as set forth.

No. 3886. CHARLES BARLOW, Cookshire, Que., 30th September, 1874, for 5 years: "Machine for Turning Cheeses." (Machine à retourner les fromages.)