

No. 4270. JOHN E THOMPSON, Stanbridge, Que., 15th January, 1875, for 5 years: "Improvements on Steam Cooking." (Perfectionnements aux ustensiles de cuisine à vapeur.)

*Claim.*—In combination with any steamer C, the perforated dampers, I, I, as set forth.

No. 4271. WILLIAM WEST and GEORGE WEST, Toronto, Ont., 15th January, 1875, for 5 years: "Improvements on Bedsteads." (Perfectionnements aux couchettes.)

*Claim.*—The bed D, constructed and arranged to draw out from the side of the main case before being folded down, as shown in the drawings, leaving the front division of the main case to be fitted up for other purposes, such as a book-case, a wardrobe, a show-case for stores, or as an ordinary cupboard.

No. 4272. JAMES GOODWIN, Sherbrooke, Que., 15th January, 1875, (Reissue of Patent No. 3377:) "Invalid Bedstead." (Couchette d'invalides.)

*Claim.*—The combination of a tick stretching frame D, and elevating posts C, applied to a bedstead, and operating as set forth; 2nd. The frame D, constructed with head and foot frames E, F, hinged thereto and capable of being elevated and depressed inclinedly, as set forth; 3rd. The combination of the shaft a, arms b, connecting rod c, pulleys d and f, and cords e, applied to a bedstead for operating a sheet attached to the rod c, in the manner described.

No. 4273. RYLEY WHITING and JAMES KYSER, Cleveland, Ohio., U. S., 15th January, 1875, for 5 years: "Trace Fastener." (Crochet de palonnier.)

*Claim.*—The whiffletree and composed of the recessed ferulo A, and loop B, pivoted tongue C, having projection E, and spring D, combined to operate as specified.

No. 4274. JOSEPH BAKER, Trenton, Ont., 11th January, 1875, (Extension of Patent No. 223) for 5 years: "Flour Scoop." (Ecope à farine.)

*Claim.*—A scoop of any size or shape having a concave sieve cloth bottom, formed of fine brass or other wire above which, and near inner surface, whereof is suspended by means of pivots, a frame work of wire called an agitator, whereto is attached a handle passing upwards inside of scoop through a projecting eyelet with thumb knob on top, between which and upper side of eyelet is coiled a spiral spring, the machinery being worked with one hand, and in the several parts of the said machine, in combination as aforesaid but not otherwise.

No. 4275. LEONARD J. HEWITT, Toronto, Ont., 15th January, 1875, for 5 years: "Railway Car Wheel." (Roue de wagon de railroute.)

*Claim.*—1st. The contour of the web C with the furrows C<sub>1</sub> and C<sub>2</sub>, and ridges C<sub>3</sub> and C<sub>4</sub>, as shown in Figs. 1, 2, 3 and 4 of the drawings; 2nd. The device of a ribless car wheel where the entire web consists of certain definitely constructed furrows C<sub>1</sub> and C<sub>2</sub>, and ridges C<sub>3</sub> and C<sub>4</sub>, as described.

No. 4276. GUILFORD D. BOOTH, Ottawa, Ont., 15th January, 1875, for 5 years: "Improvement on Breech-Loading Shot Guns." (Perfectionnement des fusils chargeant par la culasse.)

*Claim.*—1st. The insertion of the rifle barrel H, fig. 1, with the manner of lapping the cartridge puller C, as set forth; 2nd. Fastening long rifle barrels at muzzle by means of nut D, fig. 1, and short barrels by means of india rubber tube, or iron attachment, as set forth.

No. 4277. GEORGE W. OTIS, Lynn, Mass., U. S., 15th January, 1875, for 5 years: "Improvements on Lightning Conductors." (Perfectionnements aux paratonnerres.)

*Claim.*—1st. The combination of the rod D with plate or plates A, one or more having their edges formed in points B, as described; 2nd. The combination of the rod D, with plate E, with and without spikes G, as described.

No. 4278. CHARLES P. CROSSMAN, WEST WARREN and EDWARD J. BROWN, Worcester, Mass., U. S., 15th January, 1875, for 5 years: "Salt Box." (Salière.)

*Claim.*—A salt box having a perforated cover, and provided with a pulverizer arranged or disposed within the body of the box, in such a manner as to pulverize the salt contained therein by the mere act of shaking the box in whatever position the same may be placed, as shown.

No. 4279. WILLIAM L. PHILIPS, New York, U. S., 15th January, 1875, for 5 years: "Improvement on Stoves." (Perfectionnement des poeles.)

*Claim.*—The improved heating stove in which are combined the open fire box A, expansion chamber D, and jacket E, the same being provided with passages for air and the products of combustion as specified; also in the combination of the open fire box A, and expansion chamber D, the same being provided with passages for the products of combustion, as specified.

No. 4280. DANIEL CONBOY, Uxbridge, Ont., 18th January, 1875, for 5 years: "Improvements in Vehicles." (Perfectionnements dans les voitures.)

*Claim.*—The combination and arrangement of the seat B, bars C, C<sub>1</sub>, seat c, pivoted back D, lugs D<sub>1</sub>, side stays E, and hasps C<sub>2</sub>, and F, arranged and operating as described.

No. 4281. ISAAC M. RHODES, Hancock, Mich., U. S., 18th January, 1875, for 5 years: "Fracture Bed." (Lit d'hôpital.)

*Claim.*—1st. The combination of the back section B, and seat or thigh section B<sub>1</sub>, connected as specified with the supporting frame A; 2nd. The forms J, J, and the straps M, M, combined with the stretched D, D, and its back section B; 3rd. The combination of cords and pulleys L, l, o, p, r, arranged as described, with the stretcher D, the section B, and the seat pieces C<sub>1</sub>, C<sub>2</sub>, C<sub>3</sub>, as set forth; 4th. The knee-joint formed by the diagonal adjustable pivots i, i, in combination with the extensible pieces C<sub>1</sub>, C<sub>2</sub>, and lower leg sections B<sub>1</sub>, as described; 5th. The seat section B, and lower leg section B<sub>1</sub>, pivoted together and to the frame A, as described, in combination, with an elevating device, as set forth; 6th. The extensible seat section B<sub>1</sub> in combination with the pivoted back and lower leg sections B, B<sub>1</sub>, prop C, and elevating levers F<sub>1</sub>, F<sub>2</sub>, as described.

No. 4282. F. CORTEZ WILSON, Chicago, Ill., U. S., 21st January, 1875, for 5 years: "Oil Can." (Bidon à l'huile.)

*Claim.*—1st. An oil-can or tank having a stationary and moveable cover or dome C, and D, constructed and operated as set forth; 2nd. A fixed moveable top for oil tanks or reservoirs, constructed in conical form of less diameter than the body of the tank and provided with a cover, sink, pump or supply opening as described.

No. 4283. GEORGE W. BOWMAN, Morrow, Ohio., U. S., 21st January, 1875, for 5 years: "Improvements in Driers." (Perfectionnements dans les sécheries.)

*Claim.*—1st. The horizontally flattened horizontal flue H, having the stay and deflecting plate M arranged as set forth; 2nd. The combination of flat bottom B, register B<sub>1</sub>, flat horizontal flue H, induction pipe I, J, discharge flue D, trays F, F, and doors Q, Q, as set forth; 3rd. The combination of the horizontal flat flue H, stay and deflecting plate M, and regulator O, o, for the purpose specified.

No. 4284. JAMES B. WHITE, Wayne, Ind., U. S., 21st January, 1875, for 5 years: "Improvements on Omnibusses." (Perfectionnements aux Omnibus.)

*Claim.*—1st. Platform B, and guard D, in combination with steps C, hand rail b and wings E, when constructed and applied to street omnibusses as set forth; 2nd. The body A, of the omnibus constructed with sliding door G, top H and openings F as set forth.

No. 4285. CARLO R. TAYLOR, Ionia, Mich., U. S., 21st January, 1875, for 5 years: "Apparatus for Seasoning Lumber." (Appareil de séchage du bois.)