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CONTENTS.

INVENTIONS PATENTED.....	457
ILLUSTRATIONS.....	495
INDEX OF INVENTIONS.....	I
INDEX OF PATENTEES.....	II

INVENTIONS PATENTED.

NOTE—Patents are granted for 15 years. The term of years for which the fees have been paid, is given after the date of the patent.

No. 27,316. Post for Fences, Hitching Horses, etc. (*Pieux pour clôtures, attachés les chevaux, etc.*)

Arthur A. Parker, Jersey City, N.J., U.S., 1st August, 1887; 5 years.

Claim.—1st. A sheet iron post, tapering from the base to the top, and filled the entire length with cement or concrete, and having transverse holes through the iron and through the concrete, substantially as set forth. 2nd. An improved brace for fence posts, the same consisting of channel-iron enveloping an artificial stone body, and having fastened flanges projecting at each end, substantially as described. 3rd. A tapering rectangular hollow sheet-iron fence post, entirely filled with concrete or cement, and having holes in the iron at the places where the fence wires are to be fastened, and a base filled with cement to be inserted into the ground, substantially as set forth. 4th. A tapering rectangular hollow sheet-iron fence post, having holes through the iron and through the cement, and a base with a projecting foot, the whole being entirely filled with cement, substantially as set forth. 5th. A hollow sheet-iron fence post, filled entirely with cement or concrete, and having holes through the iron and through the cement, in combination with screw bolts having hooked ends, each bolt passing through the post, and the hooked end being received into a hole in the iron, substantially as set forth. 6th. A hollow sheet-iron fence post, entirely filled with cement, and having holes through the iron and through the cement for the fastening devices for the wires, substantially as specified. 7th. A sheet-iron post, with a filling of cement, and a cast metal cap with a flange around the upper end of the sheet metal, substantially as specified. 8th. A sheet-iron post, with a filling of cement, and a cast metal cap with a flange around the upper end of the sheet metal, and a hook going down into the cement, substantially as set forth. 9th. A sheet-iron post, with a filling of cement, and a cast metal cap with a flange around the upper end of the sheet metal, and a bolt and eye through the sheet metal, substantially as set forth.

No. 27,317. Feeding Bottle and Vessel for Children, Invalids etc. (*Biberon et ustensile pour enfants, invalides, etc.*)

Sidney J. Pocock, Vauxhall, Eng., 1st August, 1887; 5 years.

Claim.—The adaptation of a thermometer to a feeding bottle, drinking vessel or other vessel, for the purpose of registering the temperature of its contents, in the way and manner hereinbefore described.

No. 27,318. Snow Plough. (*Charrue à neige.*)

Peter B. Brazel, Cheboygan Mich., U.S., 1st August, 1887; 5 years.

Claim.—1st. In a snow plough, the combination of a single central supporting beam, a mould board mounted at about the centre thereof, bob sleds at each end of said central beam, and means for raising and lowering the mould board and supplementary runners, substantially as described. 2nd. In a snow plough, the combination of a single central supporting beam, a mould board mounted at or about the centre thereof, bob sleds at the front and rear ends of said central beam, a wing hinged to one side of the rear bob sled, and means for operating the several parts, substantially as described. 3rd. In a

snow plough, the combination of a single supporting beam, a mould board having an inclined upper side mounted on the said central beam, extensions on the rear side of the mould-board having inside flanges, blocks on the central beam with which the said inside flanges engage to form a dove-tailed slide, standards connected to said extensions and extending above the upper surface of the central beam, levers eccentrically mounted on said standards and engaging with the top of the beam, a link pivoted to said beam and engaging with the cam slot in the enlarged end of the lever and the front and rear bob-sleds, all arranged as shown and described and for the purposes specified. 4th. In a snow plough, the combination of a central supporting beam, a mould board connected to said beam by suitable extensions, and brace rods front and rear, bob-sleds connected to the beam, the front sled being pivoted thereto and the rear sled rigid therewith, a wing hinged to one side of the rear sled, and a toggle lever operated by a crank, having a ratchet and pawl attachment for operating the toggle lever to open and close the wing, substantially as described. 5th. In a snow plough, the combination, with a central supporting beam, having a mould board at or about the centre of the same, and bob-sleds attached to the front and rear thereof, of supplementary runners engaging with the inside portion of the runners of the rear sled, and means for forcing the said runners below the surface of the runners of the rear sled, substantially as and for the purposes specified. 6th. In a snow plough, the combination, with a central beam, having a mould board connected thereto at or about its central portion, and provided with means for raising and lowering said mould board, of a front bob-sled pivotally attached to the beam in the front thereof, a rear bob-sled rigidly attached to the said beam, a wing hinged to one side of said rear sled, supplementary runners on the inside thereof, and means, as set forth, for operating the several parts, substantially as described. 7th. In a snow plough, the combination, with a central supporting beam, having a mould board mounted at or near the centre of said beam, and provided with suitable means for raising and lowering the same, of a front bob-sled pivotally connected to the front portion of the beam, a rear sled rigidly attached to the beam, a wing hinged to one side of said rear sled having a metallic scraper on the bottom portion thereof, a toggle lever operated by a crank for opening and closing the said wing, supplementary runners on the inner sides of the runners of the said sled, levers adapted to force the runners down, and ratchet strips for holding the said levers, substantially as described. 8th. In a snow plough, the combination of a central supporting beam, a mould board mounted at or about the centre thereof of bob-sleds attached to the front and rear portions of the central beam, cross rods mounted in the inside rear portions of said bob sled, and central and side wheels mounted on said cross rods, adapted to come in contact with the snow or ice and keep the plough in its true line of draft, substantially as described. 9th. In a snow plough, the combination of a central supporting beam A, a mould board C mounted at or about the centre thereof and in connection therewith, bob-sleds B and B' attached to the front and rear portions of the central beam, a wing D hinged to one side of the rear sled, supplementary runners E secured to the inner sides of the runners of said rear sled, and means, as set forth, for raising and lowering the several parts, substantially as described. 10th. In a snow plough, the combination of a central beam A, a mould board C, extensions c' connected to said mould board, standards l, l' connected to said extensions, a cross rod 2 on which an enlarged end of a lever 3 is eccentrically mounted, a cam slot 4 cut in said end of lever 3, engaged by a link 5 pivoted to beam A, and a metallic bearing surface 6 on the upper edge of the beam A, all arranged as set forth and for the purposes specified.

No. 27,319. Foot Warmer. (*Chaussette.*)

Marcel E. Lymburner, Montreal, Que., 1st August, 1887; 5 years.

Claim.—1st. A foot warmer, composed of the box A having the cover B attached thereto, and provided with an inside perforated tray G for holding a heated brick, and to which is attached a hinged cover h, substantially as shown and described. 2nd. In a foot warmer, the box A having uneven or serrated edges, the openings i, and having both its lid B and feet d covered with a non-conducting material, as shown and described. 3rd. The combination, in a foot warmer, of the perforated box A partially covered with a non-conducting material, and the perforated tray G with a combustible brick that may be consumed by heat, without giving off either smoke or odor, substantially as herein shown and described.