

No. 36,703. Bracket for Heaters.*(Porte ustensile.)*

Angus Gabriel McDonald, New Westminster, British Columbia, Canada, 1st June, 1891; 5 years.

Claim.—In a heater bracket, the combination, of a grid A, A', having lugs A¹, and hinge ferrules A², the bars B, pivoted to said lugs and having eyes b, and b', the stays C, hinged to the front of said grid by the ferrules A², and adapted to engage eyes in said bars, and the bail D, pivotally secured to eyes in said bars and having a central loop d, substantially as set forth.

No. 36,704. Screw Propeller.*(Hélice de propulsion.)*

John Henry Osborne, Auburn, New York, U.S.A., 2nd June, 1891; 5 years.

Claim.—1st. In a screw propeller wheel, a wheel hub arranged in line parallel or substantially parallel with the line of propulsion, in combination with one or more blades made elastic throughout their length and set in oblique relation to said hub, substantially as described. 2nd. In a screw propeller wheel, a propeller blade composed of thin elastic plates made flexible throughout their length, and secured to the hub of the wheel in oblique relation thereto, substantially as described. 3rd. A screw propeller blade composed of thin elastic plates or leaves of different lengths, each freely flexible throughout its length and united to form a single blade varying in flexibility at different points in its length, the shorter leaves being applied to the operative face only of the longer leaf, substantially as described. 4th. A screw propeller blade composed of thin elastic plates of varying lengths each freely flexible throughout its length, the shorter of which plates are pivoted to the longer plate through slots permitting movement or play of their outer ends relative to said longer plate, substantially as described. 5th. The combination, with the hub of a screw propeller wheel having the obliquely arranged wing for the attachment of the blade, of a propeller blade made elastic throughout its length and secured to said wing, and the keeper plate also secured to said wing outside of the elastic blade and projecting beyond the hub for stiffening said elastic blade, substantially as described. 6th. The combination, in a screw propeller wheel of the hub having the oblique wing slotted to permit the adjustment of the blade, and a propeller blade made elastic throughout its length and adjustably connected with said wing, substantially as described. 7th. The combination, in a screw propeller wheel, of a hub having obliquely arranged wings, elastic propeller blades adjustably secured to said wings and composed of thin plates or leaves freely flexible throughout their length, and keeper plates for said blades extended beyond the wings to which the blades are secured, substantially as described.

No. 36,705. Watch Case. (Boite de montre.)

James Edmund Searing, Mount Vernon, New York, U.S.A., 2nd June, 1891; 5 years.

Claim.—1st. The combination, with a main integral shell constituting the back, lid and center portion, of a blind center fitting within said main shell and carrying the front lid, substantially as described. 2nd. The combination, with a main integral shell constituting the back, lid and center portion, of a blind center hinged to said main shell and carrying the front lid, substantially as described. 3rd. The combination, with a main shell such as described, of a blind center hinged to said main shell and front lid hinged in turn to said blind center, substantially as described. 4th. The combination of a main shell, such as described, and a blind center provided with a seat for the movement and with snaps or risers for the front lid and glass bezel, with a front lid hinged to said blind center, substantially as described. 5th. The combination, with a main shell such as described, of a blind center provided with a movement seat and a peripheral flange and a front lid hinged to said blind center, substantially as described. 6th. The combination, with a main shell, such as described, of a blind center hinged to said main shell, and provided with a movement seat and a peripheral flange and a front lid hinged to said flange, substantially as described. 7th. The combination, of a main shell, such as described, a flanged blind center having its body of base metal and provided with a movement seat and having its flange portion and its face formed of precious metal, and a front lid hinged to said blind center, substantially as described. 8th. The combination, of the main shell, such as described, a blind center provided with a movement seat, a peripheral flange, and with snaps or risers, and a front lid hinged to said blind center, substantially as described. 9th. The combination of the main shell, such as described, a blind center hinged to said shell and provided with a movement seat, a peripheral flange, and with snaps or risers, and a front lid hinged to said blind center, substantially as described. 10th. The combination, of the main shell, such as described, the flanged blind center hinged to said main shell and carrying a stem winding movement, a front lid hinged to said blind center, and a stem winding arbor adapted to be engaged with or disengaged from the said stem-winding movement, substantially as described. 11th. The combination, of a main shell, such as described, a flanged blind center hinged thereto carrying the case arbor for actuating the catch spring, substantially as described. 12th. The combination, of a main shell, such as described, the flanged blind center hinged thereto, and the case springs carried radially through the body of said blind center, and the latter by screws passing through the body of said blind center, substantially as described. 13th. The combination, of a main shell, such as described, metal, and the screws passed radially through the blind center for securing said case springs, substantially as described.

No. 36,706. Rubber Overshoe. (Clagues.)

James Leggat, Montreal, Quebec, Canada, 2nd June, 1891; 5 years.

Claim.—1st. The combination, with the soles of rubber overshoes, of granular friction imparting material introduced into the rubber composition while in the plastic state, for the purpose set forth. 2nd. The combination, with the soles of rubber overshoes, of hard or vulcanized rubber granules introduced into the rubber composition while in a plastic state, for the purposes set forth.

No. 36,707. Flower Pot. (Pot à fleurs.)

Harrison H. McElhiney, Nebraska City, Nebraska, U.S.A., 2nd June, 1891; 5 years.

Claim.—1st. A flower pot, consisting of the base disk B, having in its side the angle grooves m, flange z, having a perforation and slot l, cushion s, attached to the periphery of flange z, and thumb screw t, fitting in the perforation l, pot A, having a funnel e, adapted to convey water into the disk B, lugs n, and perforations y, in the part d, of said pot, and perforated bottom C, having a wick p, passing through one of its perforations, substantially as shown and described. 2nd. In combination, with a pot A, having the lugs n, the base disk B, having the angled grooves m, to receive said lugs, flange z, attached to the base of said disk and cushion s, attached to the periphery of said flange, substantially as described. 3rd. In combination, with a base disk B, having the groove m, substantially as described, the pot A, having the lugs n, perforated bottom C, and wick p, substantially as described. 4th. In combination, with a flower pot, substantially as described, the hollow handle and funnel e, having the depressions e', terminating in a tube g, and adapted to convey water into a base disk B, substantially as described.

No. 36,708. Pole for Electric Railways.*(Poteau de chemin de fer électrique.)*

Foster Milliken, New York, State of New York, U.S.A., 2nd June, 1891; 5 years.

Claim.—1st. In a pole for supporting wires, the combination, with a mast, and an arm attached to the mast and extending beyond opposite sides thereof, of horizontal bars secured to the mast and located at a right angle to the arms, and independent brace bars arranged in an essentially diamond shape around the mast, the said bars being secured at their ends to the arms and the bars projected from the mast, as and for the purpose specified. 2nd. In a pole for supporting wires, the combination, with a mast, and an arm secured to the mast and extending beyond opposite sides, the said arm being provided with angle irons attached to its side faces, of short bars secured to the mast and extending horizontally from opposite sides at a right angle to the arms, the said short bars being also provided with angle irons attached to their side faces, and a brace consisting of horizontal bars arranged in a diamond shape around the mast, the ends of the said bars being bolted to the angle irons of the arms and the bars projected from the mast, as and for the purpose specified.

No. 36,709. Tool for Shoemakers.*(Outil de cordonnier.)*

Sivert Benson, Spring Valley, Minnesota, U.S.A., 2nd June, 1891; 5 years.

Claim. 1st. In a shoemaker's tool, the combination of the curved bars having corresponding jaws upon their outer ends, the said bars being connected by means of rivets passing through slots in one of the bars into the other bar, and handles upon the inner ends of the bars, substantially as set forth. 2nd. In a shoemaker's tool, the combination of the curved bars having corresponding jaws upon their outer ends, the said bars being connected by means of rivets or screws passing through slots in one of the bars into the other bar, and one of the bars being provided with a rigid handle and the other bar being suitably connected to a handle pivoted to the said rigid handle, whereby the opening and closing of the handles will cause the slotted curved bar to reciprocate along the length of the other curved bar, substantially as and for the purpose set forth. 3rd. In a shoemaker's tool, the combination of the section A, with the section B, and the leaf spring C, between the two, the said section A, consisting of the curved bar a, the handle a', and the ear a², intermediate the two, and the sections B, consisting of the curved bar b, the handle b', having upon its inner end the ear b², and the pivot b³, and the curved bar being attached to the curved bar a, by means of the rivets a³, passing through the slots b⁴, and the curved bar b, having the arc extension b⁵, and a lug b⁶, fitting in the depression b⁷, in the ear b², as set forth.

No. 36,710. Stopper for Bottles.*(Bouchon pour bouteilles.)*

Franklin Webster Perry, Philadelphia, Pennsylvania, U.S.A., 2nd June, 1891; 5 years.

Claim.—The combination of the bottle, the cap secured thereto and having a projecting tubular portion, the disk secured by the cap and having a central slitted portion, the tubular nozzle supported by the slitted portion of the disk but guided in the tubular projection of the cap, and having beyond the same a projecting flange and projecting shoulders on the nozzle and cap for preventing the withdrawal of the nozzle, substantially as specified.

No. 36,711. Electro Magnetic Abdominal Support. (Suspensoir abdominal électro-magnétique.)

Mary E. Thomas, Cardington, Ohio, U.S.A., 2nd June, 1891; 5 years.

Claim.—1st. In an electro-therapeutical appliance, the combination of a galvanic pile consisting of plates of zinc and copper, and