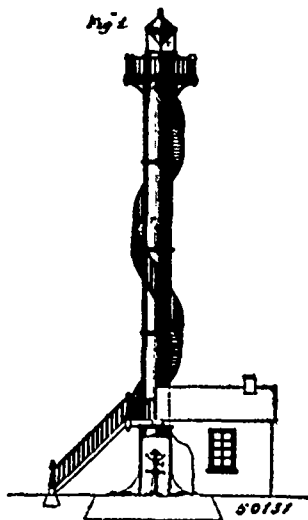
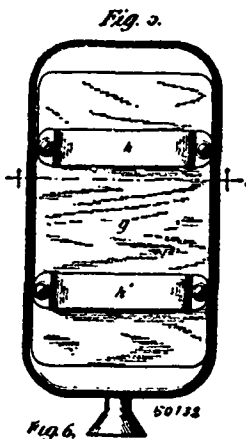


and a light interposed between them, substantially as described. 4th. The combination with a supporting tower, of a revol-



ving reflector at its top and at its base, a light and means for concentrating its rays into a beam and directing the same on to the revolving reflector which deflects the beam toward the horizon, substantially as described. 5th. The combination, with a tower supporting a reflector at its top, and having at its base a light and means for concentrating its rays into a beam, of means alternately obscuring and displaying the light from the upper reflector, substantially as described. 6th. The combination, with a tower supporting a reflector at its top, and having at its base a light and means for concentrating its rays into a beam, of a rotating damper operating to alternately obstruct and clear the path through which the light passes upward, substantially as described. 7th. The combination, with a tower supporting a reflector at its top, and having at its base a light and means for concentrating its rays into a beam, of a horizontally rotative wheel having opaque portions which obscure the light rays they intercept, substantially as described. 8th. The combination, with a supporting tower, of a revolving pyramidal reflector at its top, and at its base, a light and means for concentrating its rays into a beam and directing the same onto the reflector, substantially as described. 9th. The combination, with a protecting deck and means for supporting the reflector above the same, of a light below said deck and means for concentrating its rays and directing the same onto the reflector, substantially as described. 10th. The combination, with a protective deck and a revolving reflector supported above the same, of a light below said deck, and means for concentrating its rays and directing the same onto the reflector, substantially as described.

No. 50,132. Water Bag. (Sac à eau.)



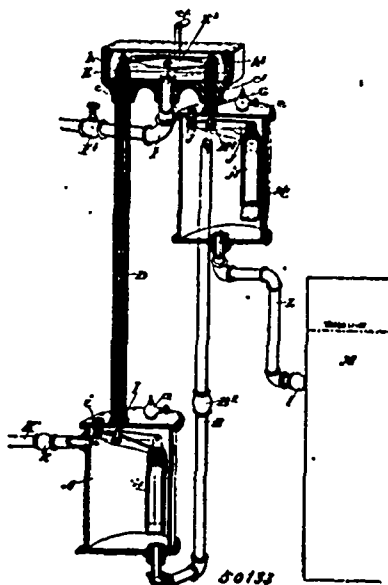
William H. Daly, Bayonne, New Jersey, U.S.A., 2nd October, 1895; 6 years.

Claim.—1st. The device for local application of heat or cold to any part of the body at will of the patient, herein described, consisting of a waterproof receptacle for holding water, formed and constructed to be attached to the human hand, and supplied on the exterior with

means for receiving the hand, with the heat conducting surface outwards, substantially as shown and specified. 2nd. A device for communicating heat or cold to parts of the human body at the will of the patient, consisting of a water-pad or receptacle with means for filling and emptying the same, means for fitting and securing it to the human hand, and a heat non-conducting material applied over that part of the wall of the receptacle designed to come next to the palm of the hand for protecting the same, substantially as shown and specified. 3rd. A waterproof receptacle, having means for filling and emptying the same, and a cavity outside the liquid containing cavity adapted by size and form for the insertion of the human hand, whereby the said water-holding receptacle may be conveniently applied at will to portions of the body of the user and thus impart or abstract heat to or from the part so treated in a measure governed by the sensations of the user for hygienic purposes, substantially as shown and specified. 4th. A water-bag forming a cavity into which hot or cold liquids can be introduced, provided on one side with a glove or mitten-shaped receptacle formed to fit the human hand, whereby the said water-bag may be applied by the hand of the user to portions of the body for the purpose of imparting heat thereto or abstracting it therefrom in a measure governed by the sensations of the user, substantially as described. 5th. A water-bag forming a cavity into which hot or cold liquids can be introduced, provided on one side with a glove or mitten-shaped receptacle formed to fit the human hand, the side of said water-bag next the glove portion being provided with a heat non-conducting layer for protecting the hand, and the outer wall being formed of relatively good heat conductive material, substantially as described. 6th. In a water-pad for local application of heat or cold to the person of the operator, a fluid containing cavity having an outer impervious conductive wall, an inner impervious non-conductive wall, and means for attaching and holding the non-conductive wall in close contact with the palm of the hand of the operator, substantially as shown and specified.

No. 55,133. Return Water Trap and Boiler Feed.

(Trappe à eau et alimentateur de chaudière.)



William Norris, Toronto, Ontario, Canada, 2nd October, 1895; 6 years.

Claim.—1st. A combined return water trap and boiler feed comprising a cylinder connected to the water supply and to a corresponding cylinder situated above the water lever of the boiler and connected thereto, a steam chest connected by steam pipe to the boiler, pipes leading from the two cylinders to the steam chest, valves for the tops of these pipes and covering one at a time and means connected to the float in the cylinder for operating the valves, as and for the purpose specified. 2nd. The combination, with the cylinder A, pipes K and B provided with suitable valves, cylinder C, pipe L, of the steam chest E, connected by the pipes D and G, to the cylinder A and C respectively, steam pipe F leading to the steam chest, pivoted lever E¹, valves I and H¹, rods H and H¹, connecting the valves I and H¹, to the pivoted levers I and J, respectively to which suitable floats are secured, as and for the purpose specified. 3rd. The combination, with the cylinders A and C, and the steam chest connected therewith, and the pipes leading from the cylinders to the boiler, of the lever E¹ provided with valves over the ends of the pipes D and G, and the crank handle e², as and for the purpose specified.