

The Canadian Patent Office

RECORD





Vol. XXIII.—No. 2.

FEBRUARY 28th, 1895.

Price free by post in Canada and the United States, \$2.00.
SINGLE NUMBERS, - - - 20 Cts.

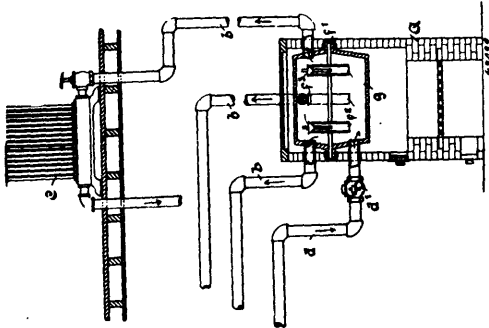
NOTICE.

All solicitors, agents or attorneys who, in circulars or advertisements, or otherwise, refer to the Commissioner or Deputy Commissioner of Patents, or to any other official of the Patent Office, for evidence of their professional standing, do so without authority.

INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 48,082. Hot Water Heater. (*Calorifère à eau.*)



Frederick K. Caswell, Hartford, Connecticut, assignee of Charles T. Wiley, Greenfield, Massachusetts, both of the U.S.A., 1st February, 1895; 6 years.

Claim.—1st. In a hot water apparatus for heating buildings, a circulator with a diaphragm separating the vessel into two chambers located one above the other, a tubular passage between the two chambers, a riser extending from the upper chamber, means for preventing the flow of water from the riser into the lower chamber of the circulator, and a return pipe entering the lower chamber and having a return check valve, all substantially as described. 2nd. In a hot water apparatus for heating buildings, a circulator provided with a diaphragm separating the vessel into two chambers located one above the other, a tubular passage between the two chambers, a check valve arranged in the communicating passage and opening upward, a riser extending from the upper chamber and a return pipe entering the lower chamber and having a return check valve, all substantially as described.

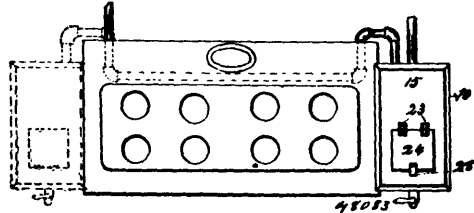
No. 48,083. Range Tank.

(*Calorifère à eau pour poêles de cuisine.*)

James J. Malley and Henry J. Brinkenkamp, both of St. Louis, Missouri, U.S.A., 1st February, 1895; 6 years.

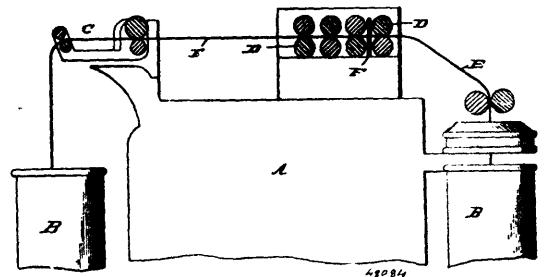
Claim.—The improved range tank, comprising the body 10 having a closed bottom and substantially vertical side and end walls, the upper edges of which are first bent outward to about a right angle to form wide horizontal flanges 13, 14, which are cut away at each

corner of said body to form an angular space thereat, the covers 15 formed of a sheet of metal and having an angular notch 17 in each corner thereof, the edges of the cover-sheet being bent down and



inward to form grooves or channels which are engaged by the marginal edges of said flanges 13, 14, on said body, and compressed against the same, and the said flanges 13, 14 of the body and the seamed margin of said cover being then conjunctively bent downward at a point some distance from the upright walls of said body to form a projection both horizontally and obliquely outside the plane of the side portions of said body, and presenting a substantial and finished appearance, and said cover having an aperture to afford access to the interior of said body, and a lid applied to said aperture, substantially as herein specified.

No. 48,084. Selvedge Protector for Cotton Machinery. (*Protecteur de lisière pour machines à coton.*)



George Townsend, William Armitage and Hartley Spencer, all of New Bedford Massachusetts, U.S.A., 1st February, 1895; 6 years.

Claim.—A selvedge protector for cotton machinery, consisting of a flat body provided with an inverted U-shaped sliver notch in its under edge and adapted to be loosely interposed in an upright position between closely adjacent parts of the drawing rolls of such machinery and astride of the sliver passing therethrough, said protector plate being unattached to the machine and free to slide on its lower edge to accommodate itself to the lateral or transverse motion of the sliver, substantially as set forth.

No. 48,085. Artificial Fuel. (*Combustible artificiel.*)

Edward Fenchwanger, assignee of Ferdinand Johann Koopmann, both of Munich, Germany, 1st February, 1895; 6 years.

Claim.—The herein described composition of matter to be used as a fuel when pressed into moulds, consisting of small coal or coal dust, grain or pulverized spar or marble, and peels or waste of the nut of the palm or other similar oleaginous fruit, substantially in the proportions specified.