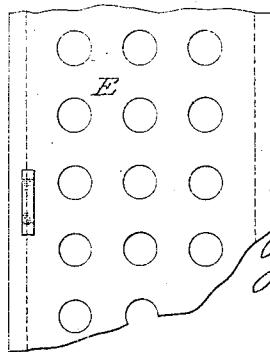
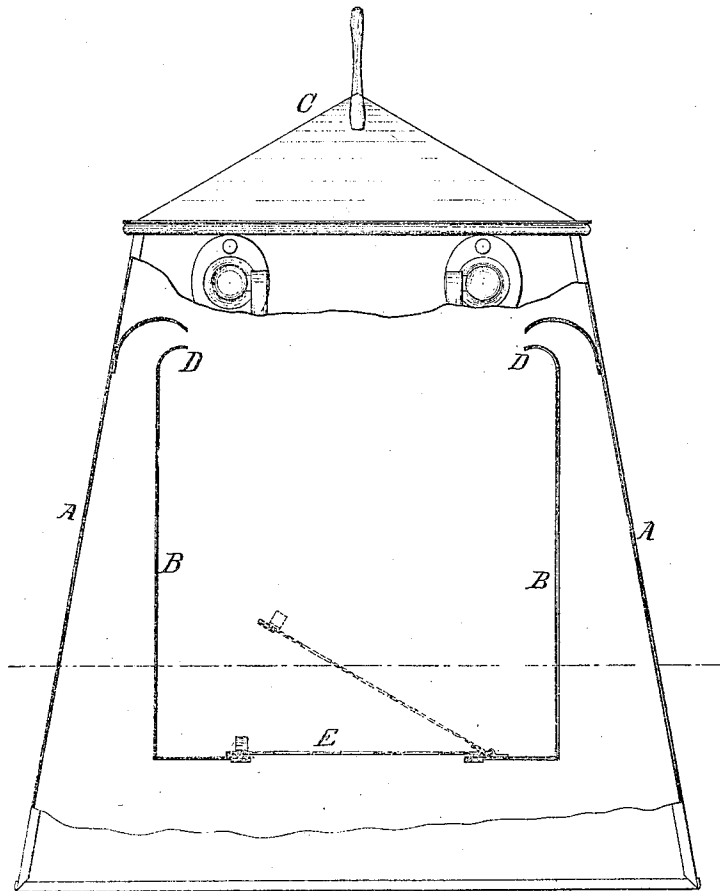


H. Yost,

Wash Boiler.

No. 104,810.

Patented June 28, 1870.



Witnesses.

B. Pickering.
S. Simon Bookwalter.

Inventor.

Harrison Yost.

United States Patent Office.

HARRISON YOST, OF DAYTON, OHIO, ASSIGNOR TO HIMSELF AND HENRY YOST, OF SAME PLACE.

Letters Patent No. 104,810, dated June 23, 1870.

IMPROVED WASH-BOILER.

The Schedule referred to in these Letters Patent and making part of the same.

I, HARRISON YOST, of Dayton, in the county of Montgomery and State of Ohio, have invented certain Improvements in Wash-Boilers, of which the following is a specification.

My invention relates to the construction of a wash-boiler, quadrangular in form, with an interior compartment for the clothes extending longitudinally the entire length of the boiler.

The figure represents an end elevation with a portion cut away to show the interior compartment.

A represents a quadrangular vessel, which may be constructed of any suitable material.

Handles are attached, as usual, and the usual form of cover, C, is used.

Two partitions, B, extend from one end to the other, and are soldered to the ends. These partitions are connected to bottom plates, and are likewise soldered to the ends of the boiler.

These bottom plates extend from the partitions and ends, and sustain the perforated bottom E, which is hinged to one side, as shown in the drawing, and, together, forms the bottom of the compartment.

The tops of the partitions are curved slightly inward, and over these partitions is secured a curved plate, D, which extends the full length of the boiler.

The operation may be described thus:

Raise the lid and place the soap beneath; then fill

with water to about the height of the dotted lines, and then put the clothes within the interior compartment. A brisk fire will then cause the suds to jet out over the clothes from between the outer walls and the partitions, and as the suds settles down passing through the perforated bottom to be carried upward again; and thus a rapid continuous action is produced which is effective as a means of washing clothes.

The advantage of this form of wash-boiler, as compared with others which operate on the same principle, is that the action of the suds is alike upon all the clothes.

I would not be understood as confining my invention to the precise form shown, as the outer walls may be constructed vertically and the partitions have an oblique position, to secure a narrow throat for the issue of the suds, and the hinges of the perforated plate may be dispensed with.

What I claim as my invention is—

The partitions B, the perforated bottom E, and the curved plates D, constructed and arranged with reference to the interior of a wash-boiler, substantially as and for the purpose specified.

HARRISON YOST.

Witnesses:

B. PICKERING,
SOLOMON BOOKWALTER.