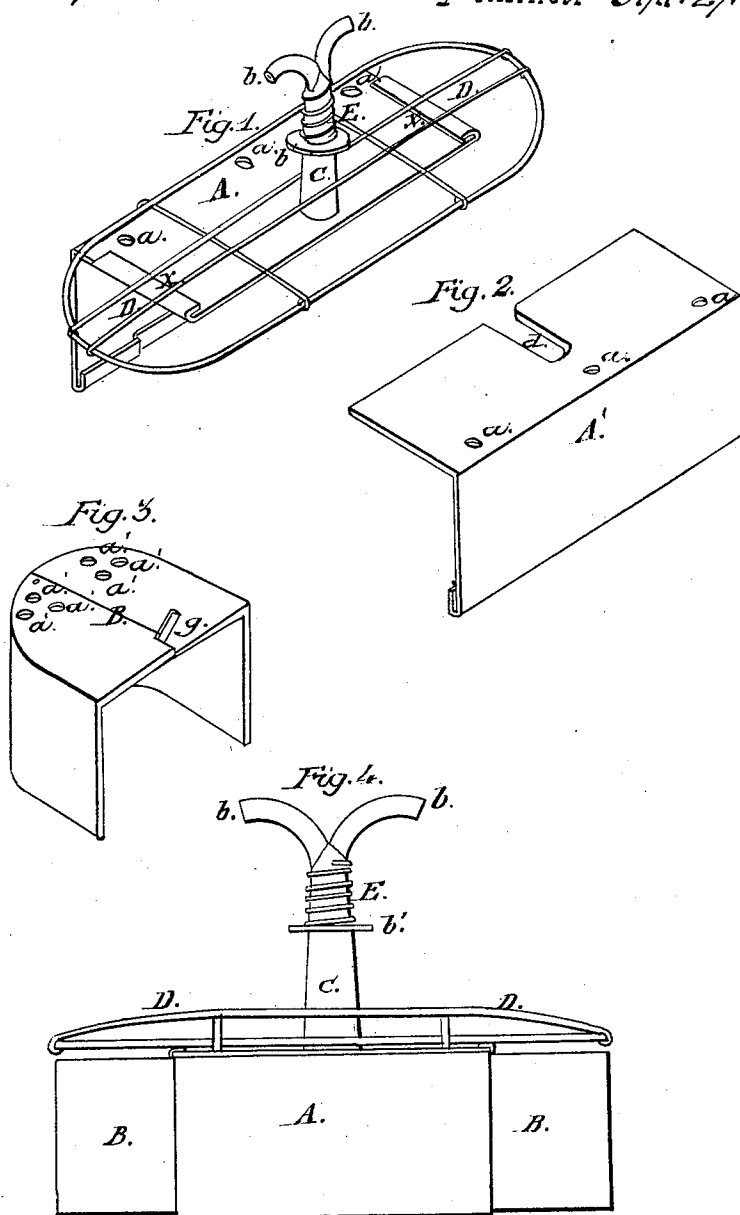


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Wash Boiler.

No. 89,325.

Patented Apr. 27, 1869.



Witnesses:
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Letters Patent No. 89,325, dated April 27, 1869.

WASH-BOILER

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

To all whom it may concern:

Be it known that we, THOMAS McMULLIN, IRA N. MENDENHALL, and MILES MENDENHALL, JR. of Osgood, in the county of Ripley, and State of Indiana, have invented certain new and useful Improvements in Clothes-Washer; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 represents a perspective of one side, with the ends removed;

Figure 2 is a perspective view of the other side;

Figure 3 is a perspective of one of the ends; and

Figure 4, a side elevation of our device for wash-boiler.

Similar letters indicate like parts in all the figures.

Our device relates to a device for covering to be used in connection with a common wash-boiler, whereby clothing may be thoroughly cleansed simply by the action of the water, when boiling.

The peculiarities of our invention consist in constructing the said device or covering in sections, arranged to operate substantially as hereinafter set forth.

To enable others skilled in the art to which our invention appertains, to make and use the same, we will now describe its construction and operation.

In the accompanying drawings—

A A' represent pieces of metal, bent at right angles, as shown in figs. 1 and 2. Said pieces of metal are designed for the top of our device, and may be about two-thirds the length of an ordinary stove-boiler.

The part A is provided at its centre with the upright tube C, which terminates at the upper end in two spouts b b.

It will be observed that the ends of the top portion of section A are turned over, so as to admit of receiving A', sliding beneath them. This feature is shown at x x, fig. 1.

It will also be seen that section A' is provided with a recess, or slot, d, sufficiently large to receive the tube C.

D represents a wire lid placed over the tube C, as seen in figs. 1 and 4.

E is a spiral spring, and b', a movable ring, both encircling the tube C, as fully shown in fig. 4.

The object of this arrangement will be made apparent presently.

B B represent the end pieces of our boiler-cover. We make said pieces in two parts, one overlapping the other, and pivoted together near their outer end, so as to allow of the parts being contracted or expanded, in order more effectually to bind and hold the parts together.

We provide one of them with a semicircular slot, g, while the other has an incision made at its inner end, and the tongue thus formed is bent down and under the slot g.

The lower and inner sides of sections A A' are bent upward, so as to form a groove for the ends B B to slide into.

This feature is partially shown at letter h, fig. 2.

a a represent apertures in top of sections A A' and end pieces B B.

The operation of our invention is as follows:

Having previously prepared the suds in the boiler, our cover is so adjusted as to suit the size of said boiler. The clothing is now placed between the wire frame D and the covering, the spiral spring and movable ring serving to keep a pressure on the clothing, and thus prevent them from being displaced. As the water boils it will ascend through the tube C, and be emptied over the clothing, by means of the spouts b b, returning to the boiler through the holes a a, and up again, through the tube C, upon the clothing, and so on until the clothing has been thoroughly washed.

Having thus described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

1. The wire frame D, in combination with the spiral spring E and movable ring b', arranged to operate substantially as described.

2. An adjustable false bottom for any wash-boiler, consisting of the metal pieces A A' and end pieces B B, in combination with wire frame D, spiral spring E, movable ring b', and tube C, provided with spouts b b, arranged and operating substantially in the manner and for the purpose described.

In testimony that we claim the foregoing as our own, we affix our signature in presence of two witnesses.

THOS. McMULLIN.
IRA N. MENDENHALL.
MILES MENDENHALL, JR.

Witnesses:

THOMAS MOXLEY,
JOHN NICOLL.