

B. G. Fitzhugh,

Wash Boiler.

No. 104,722.

Patented June 28, 1870.

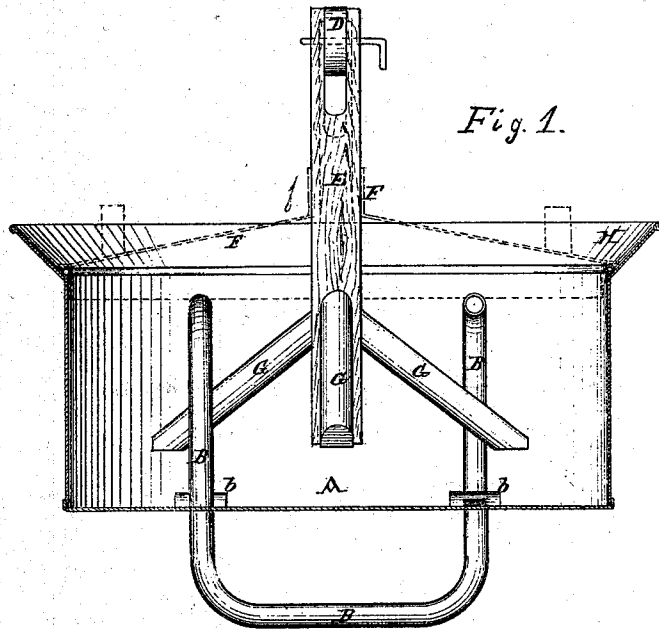


Fig. 1.

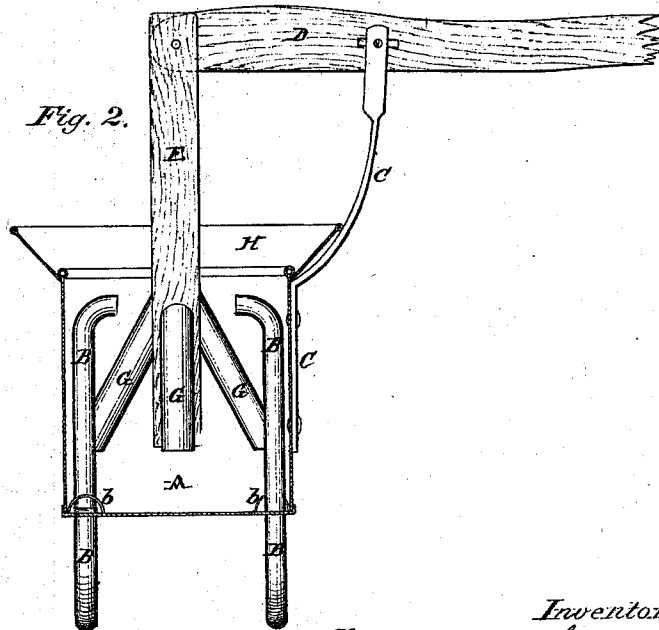


Fig. 2.

Witnesses:
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BENJAMIN G. FITZHUGH, OF FREDERICK, MARYLAND.

Letters Patent No. 104,722, dated June 28, 1870.

IMPROVED 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 I, BENJAMIN G. FITZHUGH, of the city and county of Frederick, in the State of Maryland, have invented a new and useful Improvement in Wash-Boilers; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others skilled in the class to which my invention appertains to fully understand and construct the same, reference being had to the accompanying drawing which makes part of this specification, and in which—

Figure 1 represents a side elevation of my improved wash-boiler, one of the sides being removed to show the interior of the same, and

Figure 2 is a similar end elevation.

Like letters of reference indicate like parts in both figures.

The nature of my invention consists in the combination, with a wash-boiler, of a dasher to work the clothes while boiling, and of heating-tubes, arranged as hereinafter described.

In the drawing—

A represents a wash-boiler, such as is placed on the stove to boil clothes in.

A tube, B, of suitable material, extends on each side from near one end and from the bottom downwardly under the boiler and up again near its other end, passing through the bottom and extending nearly to the upper edge of the boiler.

The tubes B are so arranged on opposite sides of the boiler that the upwardly-extending portions of the tubes are diagonally opposite each other, one near each end of the boiler, but on opposite sides.

The openings of the tubes near the bottom of the boiler are protected by small stationary covers, b, to prevent the stopping up of the tubes by the clothes.

To one side of the boiler is secured a standard, C, forming the bearing for a lever, D, the inner end of which is pivoted to the dasher E.

This dasher passes through the lid F, (see fig. 1,) a square tube, f, being formed on the latter, to prevent the water from being splashed out by the dasher through the opening in the lid.

The lower end of the dasher may be provided with arms, G, or any other suitable device, for beating or stamping the clothes while boiling.

By operating the lever D, the dasher will be moved up and down in the boiler.

H is an outwardly-inclined flange, formed on the upper edge of the boiler, which prevents the boiling over of the contents of the boiler.

When the boiler is placed on the stove that portion of the tubes B which extend below the boiler passes right into the fire. The water in the boiler, passing into the tubes at the bottom of the same, gets heated in the tubes, and, expanding, is ejected with great force from the upper ends of the tubes in the boiler upon the clothes, which it percolates.

The process of washing is facilitated and quickened by the additional use of the dasher.

Having thus described my invention,

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

In combination with the boiler A, the pipes B and dasher E, when arranged to operate substantially as herein described.

The above specification of my improvement in wash-boilers signed this 28th day of June, 1870.

B. G. FITZHUGH.

Witnesses:

ROBT. E. BREWSTER,
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