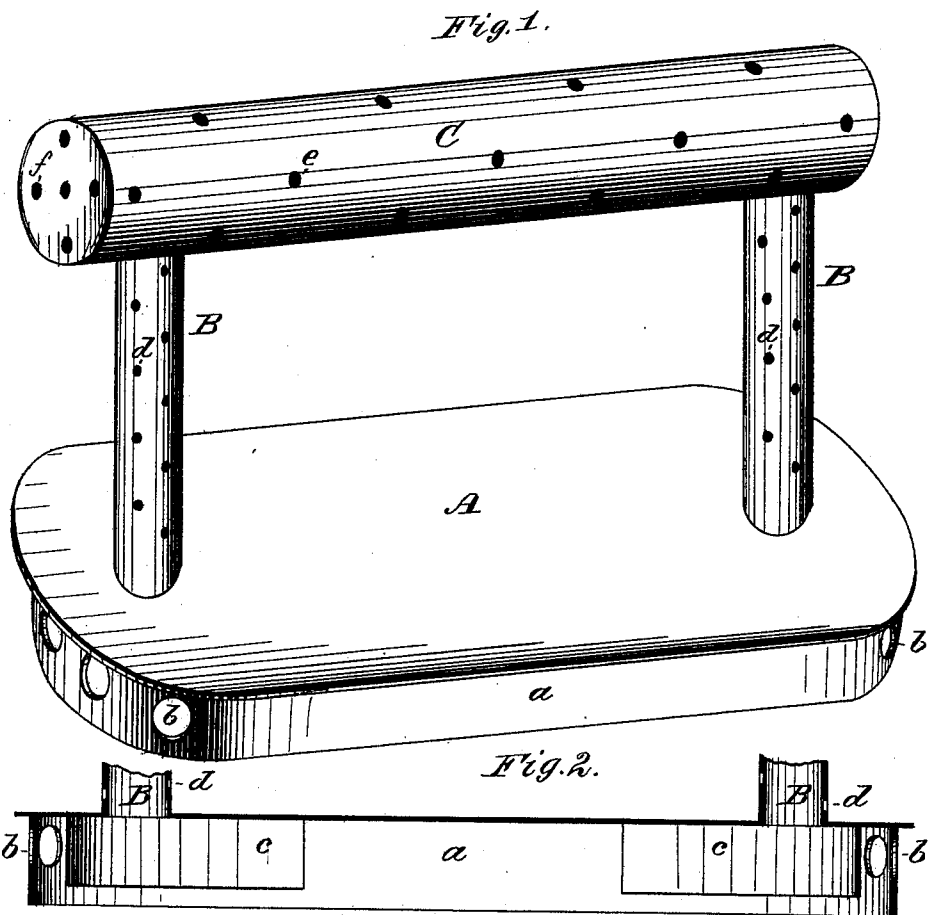


D. D. HOOPER.
WASH-BOILER.

No. 175,100.

Patented March 21, 1876.



Witnesses:

Edgar A. Hubbard
Henry J. Lord

Inventor:

David D. Hooper
Charles H. Fowler
Attorney.

UNITED STATES PATENT OFFICE.

DAVID D. HOOPER, OF BIDDEFORD, MAINE, ASSIGNOR OF ONE-HALF HIS
RIGHT TO ROBERT M. STEVENS, OF SAME PLACE.

IMPROVEMENT IN WASH-BOILERS.

Specification forming part of Letters Patent No. **175,100**, dated March 21, 1876; application filed
January 4, 1876.

To all whom it may concern:

Be it known that I, DAVID D. HOOPER, of Biddeford, county of York, and State of Maine, have invented a new and useful Improvement in Wash-Boilers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of my invention, and Fig. 2, a vertical longitudinal section of the base, with the tubes broken away.

This invention has for its object to construct a wash-boiler that may be manufactured at a reduced cost, and at the same time a perfect operating device for the purpose intended; and consists in the combination and arrangement of the several parts, as will be hereinafter described and subsequently pointed out in the claim.

In the accompanying drawings, A represents the false bottom or base, to be placed within a wash-boiler of the ordinary construction. The false bottom A is formed with a circumferential flange, *a*, projecting downward from said bottom, and rests upon the bottom of the boiler. The flange *a* at each end has annular openings *b*, and a space or passage is formed opposite the openings *b* by a plate, *c*, in shape to conform to the curvature of the ends of the false bottom A, so that the water is allowed to flow back to the bottom of the boiler.

From the false bottom A projects two vertical tubes, B, communicating with the space underneath the same, and are formed with small perforations *d*. These tubes B extend about half way to the top of the boiler and connect a horizontal tube, C, at both ends, said tube being formed with perforations *e* and perforations *f* at each end.

Water is to be put in the boiler sufficient in quantity to cover the false bottom A, with the desired amount of soap. The boiler now being placed on the fire, and the clothes, after being soaked, placed therein, will fill said boiler and cover the tubes. When the water boils it forces the steam through the tubes and out through the perforations, and around and through the clothes.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a wash-boiler, the false bottom A, with flange *a*, and perforations or openings *b*, and the partition-plate *c*, in combination with the perforated vertical tubes B and horizontal tube C, substantially as and for the purpose specified.

DAVID D. HOOPER.

Witnesses:

EDGAR A. HUBBARD,
HENRY I. LORD.