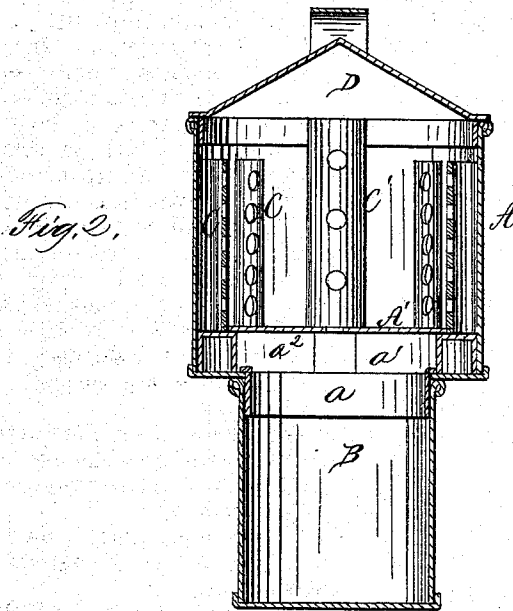
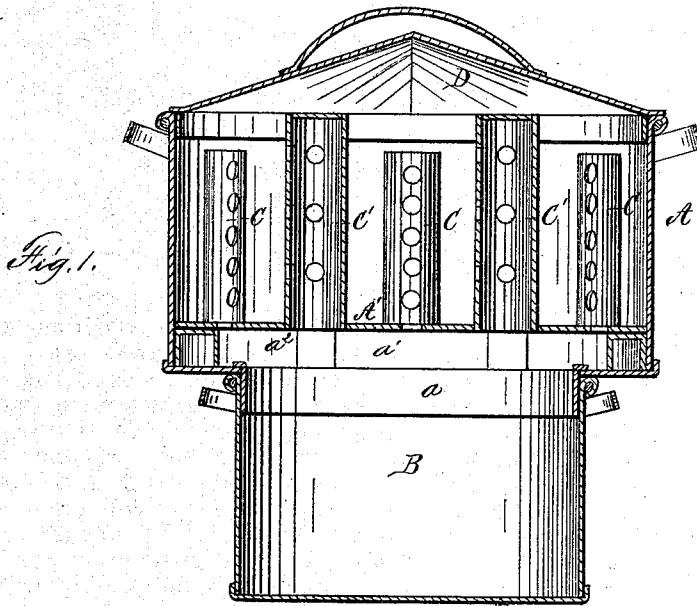


M. McP. BEARD.
Wash-Boilers.

No. 136,125.

Patented Feb. 25, 1873.



Witnesses
W. O. Newman
J. W. Hester

Inventor
M. McPherson Beard
By Nells W. Leggett,
Attorney

UNITED STATES PATENT OFFICE.

MATHEW McPHERSON BEARD, OF CANTON, MISSISSIPPI.

IMPROVEMENT IN WASH-BOILERS.

Specification forming part of Letters Patent No. **136,125**, dated February 25, 1873.

To all whom it may concern:

Be it known that I, M. McPHERSON BEARD, of Canton, in the county of Madison and State of Mississippi, have invented certain new and useful Improvements in Wash-Boilers; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to a certain improvement in wash-boilers, in which the process of cleansing the clothes or other articles is performed through the agency of steam; and the nature thereof consists of a vessel, the external surface of the lower side of which is supplied with a neck surrounding the steam-passage, and for adjusting it upon a wash-boiler or other receptacle in which steam may be generated, while the internal construction consists of a steam-chamber and a number of punctured tubes, substantially as hereinafter more fully specified.

In the drawing, Figure 1 represents a longitudinal vertical section, and Fig. 2 a transverse sectional view of my improved wash-boiler adjusted upon an ordinary wash-boiler.

A refers to a vessel, made preferably of an ordinary wash-boiler shape, and supplied upon its external surface, at the lower side, with a neck, *a*, surrounding the steam-passage *a*¹, and for the purpose of adjusting it upon a wash-boiler or other receptacle, B, in which steam may be generated. This neck, at its upper end, overlaps the upper surface of the bottom of the vessel A, after having passed up through the steam-passage *a*¹, and is there soldered or otherwise fastened thereto. A second bottom, A', is fastened to the inner sides of the vessel A, by solder or other means,

a short distance above the lower extremity of the said vessel, the space between which and the said extremity constituting the steam-chamber *a*², through which the steam passes on its way from the boiler to the tubes, to be hereinafter described. Around the sides of the interior of the vessel A, and in the upper chamber of the same, standing in isolated positions, are arranged a number of punctured steam-tubes, C C, opening through the bottom A'. Standing equidistant from the sides of the vessel A, or thereabout, are two other steam-tubes, punctured, as shown, and also opening through the bottom just named. The said tubes are lettered C' C'. These tubes, which communicate with the steam-chamber *a*², conduct the steam therefrom, when the vessel A is placed upon a suitable apparatus, or an ordinary wash-boiler, in which steam may be generated; to the upper or washing chamber, into which the clothes or other articles to be washed are introduced. The clothes or other articles thus exposed to the action of the steam will be cleansed of all grease, dirt, &c., through the dissolving effects thereof. The said articles will now be rinsed, when they will be perfectly cleaned. The vessel A is supplied with the cover D.

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

The vessel A, supplied with the neck *a*, passage or opening *a*¹, chamber *a*², and punctured tubes C C', substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of November, 1872.

MATHEW McPHERSON BEARD.

Witnesses:

C. R. DUDLEY,
J. J. JONES.