

H. T. Woodman,

Wash Boiler.

No. 108226.

Patented Oct. 11. 1870.

Fig. 1.

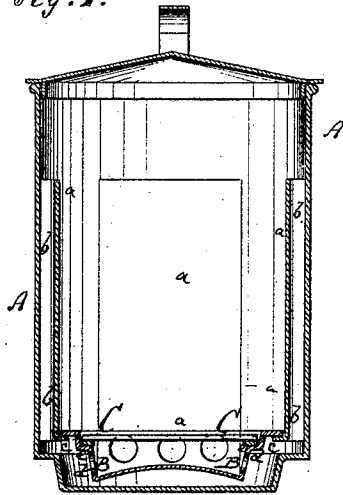
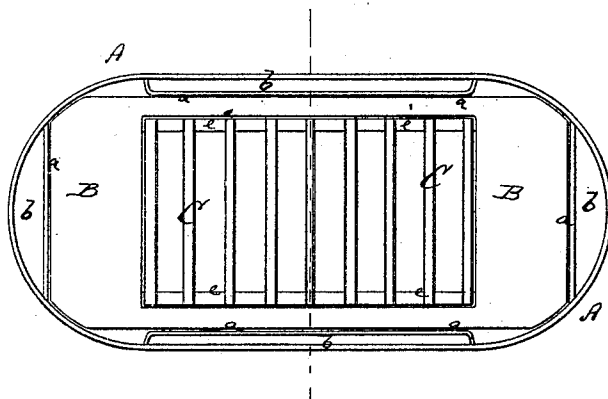


Fig. 2.



Witnesses.

*A. Benneventof
L. S. Mabee*

Inventor.

H. T. Woodman

per

Merrill

Attorneys.

United States Patent Office.

HARVEY T. WOODMAN, OF DUBUQUE, IOWA.

Letters Patent No. 108,226, dated October 11, 1870.

IMPROVEMENT IN WASH-BOILERS.

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, HARVEY T. WOODMAN, of Dubuque, in the county of Dubuque and State of Iowa, have invented a new and improved Wash-Boiler; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a vertical transverse section of my improved wash-boiler.

Figure 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish the public with an improved wash-boiler, of the kind in which vertical tubes are provided for conveying the water, when heated, at the bottom of the boiler, to the upper part of the same, where it is discharged upon the clothes.

The improvement consists in an arched perforated false bottom, between which and the true bottom of the boiler the water will be heated, and whence it will be forced upward in the tubes, it being also provided with shoulders to support a slotted plate, which is to be removed when, from any cause, it is desirable to place the clothes nearer the fire or bottom of the boiler.

A in the drawing represents a wash-boiler of suitable

size, shape, and material. Within the same are secured, to the sides and ends, or either, vertical plates *a a*, which constitute vertical pipes or passages *b b*, that are open at both ends.

The lower end of each plate *a* has an inwardly-projecting flange, *c*, from which the false bottom B is suspended, as shown in fig. 1, the said false bottom being arched, and provided with perforated upright borders *d*, as shown.

A perforated bottom or slotted plate, C, is, on shoulders *e* of the borders *d*, supported by the false bottom B.

Instead of having the plates *a* within the boilers, they may be secured to the outer side of the same, in which case the boiler must be perforated, to admit water to and draw it from the outer spaces formed by the outer plates.

Having thus described my invention,

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

The arched and laterally-perforated false bottom B, supported by the flanges *c* on the plates *a*, and provided with shoulders *e*, for supporting the slotted plate C, all as shown and described.

HARVEY T. WOODMAN.

Witnesses:

J. G. IRWIN,

R. M. ROCKWELL.