

T. U. Parker,
Wash Boiler.
No. 112,275. *Patented Feb. 28. 1871.*

Fig. 1.

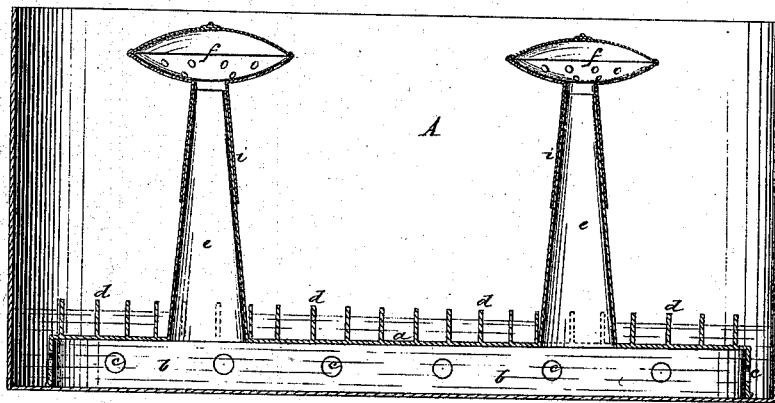
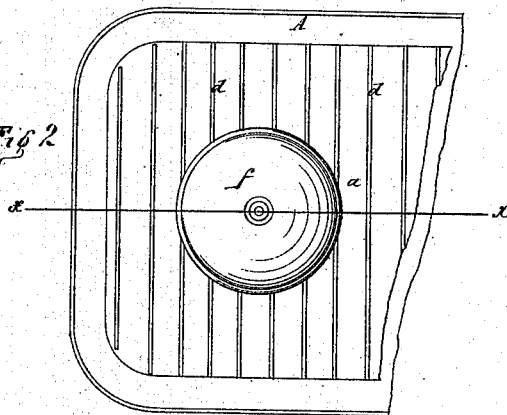


Fig. 2.



Witnesses:

H. J. Smith
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THOMAS U. PARKER, OF MIFFLINTOWN, PENNSYLVANIA.

Letters Patent No. 112,275, dated February 28, 1871.

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, THOMAS U. PARKER, of Mifflintown, in the county of Juniata and State of Pennsylvania, have invented a new and improved Wash-Boiler; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a sectional elevation, and

Figure 2 is a partial top view.

This invention relates to that class of wash-boilers termed "automatic," for the reason that by the action of the steam generated in them, water is forced upward through pipes having openings near the top and bottom of the boiler, and discharged upon the clothes from above, thus tending to more perfectly purify them; boilers of this class being provided with a separate false bottom on which the clothes rest; and

The invention consists in the general combination of parts constructed and arranged as hereinafter described.

Referring to the drawing—

A is an ordinary wash-boiler.

a, the false bottom of the boiler, the same being supported above the true bottom by a base, *b*, extending vertically downward from its sides and ends, said base having a number of orifices, *c*, through which water may pass as it circulates within the boiler.

d are the transverse ribs aforesaid, which keep the clothes elevated above the water-line.

The object of keeping the clothes thus elevated is

to prevent them from becoming matted in the lower part of the mass, and thus in a condition to prevent the free percolation of water, as is liable to be the result when the clothes lie partially immersed upon a flat surface.

The water circulates freely between the ribs *d*, under the clothes, and sends up steam against the lower part of the mass, which assists in cleansing them.

Two vertical pipes *e* are set in the false bottom, each passing through the same, and placed at some distance from the nearest end of the boiler.

The pipes *e* are capped with tubes *i*, which are surmounted with rose-heads *f*.

The effect of this arrangement is that the water, which is forced by steam-pressure up through the pipes *e*, issues from the rose-heads in series of jets, falling on all sides upon the clothes.

I do not claim, broadly, the use of ribs for supporting clothes in wash-boilers; but

Having thus described my invention,

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

The improved wash-boiler, formed by the combination with the vessel A, of the false bottom *a* provided with the base *b c*, the ribs *d d*, tubes *e e*, and caps and rose-heads *i f*, all constructed and arranged as herein shown and described, to operate as specified.

THOS. U. PARKER.

Witnesses:

CHAS. A. PETTIT,

THOS. D. D. OURAND.