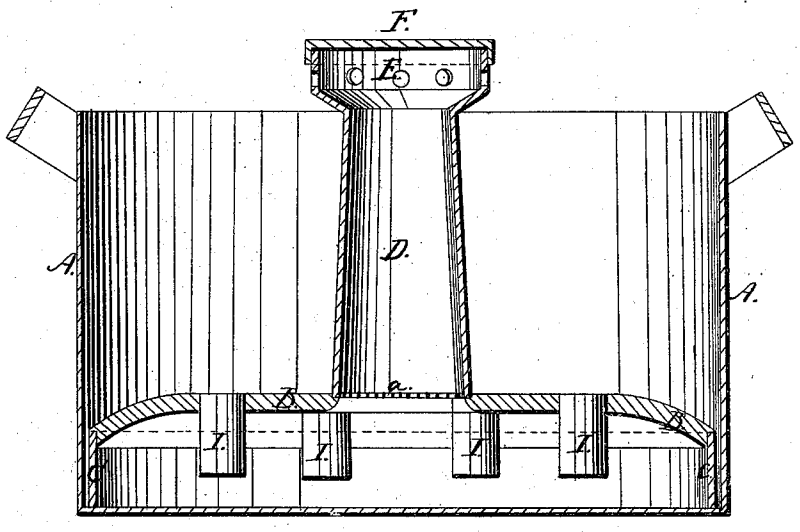
A. Sherwood,

Wash Boiler,

No. 83,329. Patented Oct. 20, 1868.



Witnesses:
Leopold Eurich
A. A. Seaman.

Inventor:
Allen Sherwood
per Alexander & Evans
Attys.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

United States Patent Office.

ALLEN SHERWOOD, OF AUBURN, NEW YORK.

Letters Patent No. 83,329, *dated October* 20, 1868.

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, ALLEN SHERWOOD, of Auburn, in the county of Cayuga, and in the State of New York, have invented certain new and useful Improvements in Automatic Clothes-Washer; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction and general arrangement of an automatic clothes-washer, which is simple, and works easier and better than any now in use.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and which represent a side elevation, in section, of my invention.

A represents a boiler, made in any of the known and usual ways, inside of which I place a wooden float, B. This float fits snugly inside of the boiler, and is provided with a metal flange, C, around its outer edge, extending downward, which flange rests on the bottom of the boiler, leaving the wooden float a suitable distance above the same.

In the centre of the float B is a circular hole, which is covered with wire gauze or netting, *a*, which prevents dirt from passing up through the same with the water.

On the upper side of the float, above the centre hole, is a cylinder, D, of suitable height, which contracts slightly towards the top, and at the top forms a circular box, E, the sides thereof extending beyond the sides of the cylinder, and are perforated, as shown in the drawing.

A cap, F, covers this box.

The wooden float B is also perforated with a number of holes, from each of which a tube, I, descends. These tubes I I do not extend all the way to the bottom of the boiler, but only a suitable distance, so as to allow the water to drop back into the boiler after passing through the clothes.

The operation of this clothes-washer is very simple. The boiler is put on the stove. Enough water is put in to cover the float, say about two inches. Soap and soda are put in the cylinder D, through the top of the box E, when the cover of said box is put on.

The clothes are put in. As soon as the water boils it will rise up in the cylinder D, and force itself out of the openings in the sides of the box E with great force, drop on the clothes, soak through and down through the tubes I I, and again be carried up through the cylinder, thus thoroughly cleaning the clothes from all dirt.

Having thus fully described my invention,

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

In a clothes-washer, the wooden perforated float B, provided with a metal flange, C, tubes I I, and, at its centre, with a circular hole, covered with wire gauze, over which hole is placed a tapering cylinder, D, provided at its upper end with a circular perforated box, E, all constructed and operating substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 15th day of August, 1867.

ALLEN SHERWOOD.

Witnesses:

WM. H. STEVENSON,

GEORGE DARE.