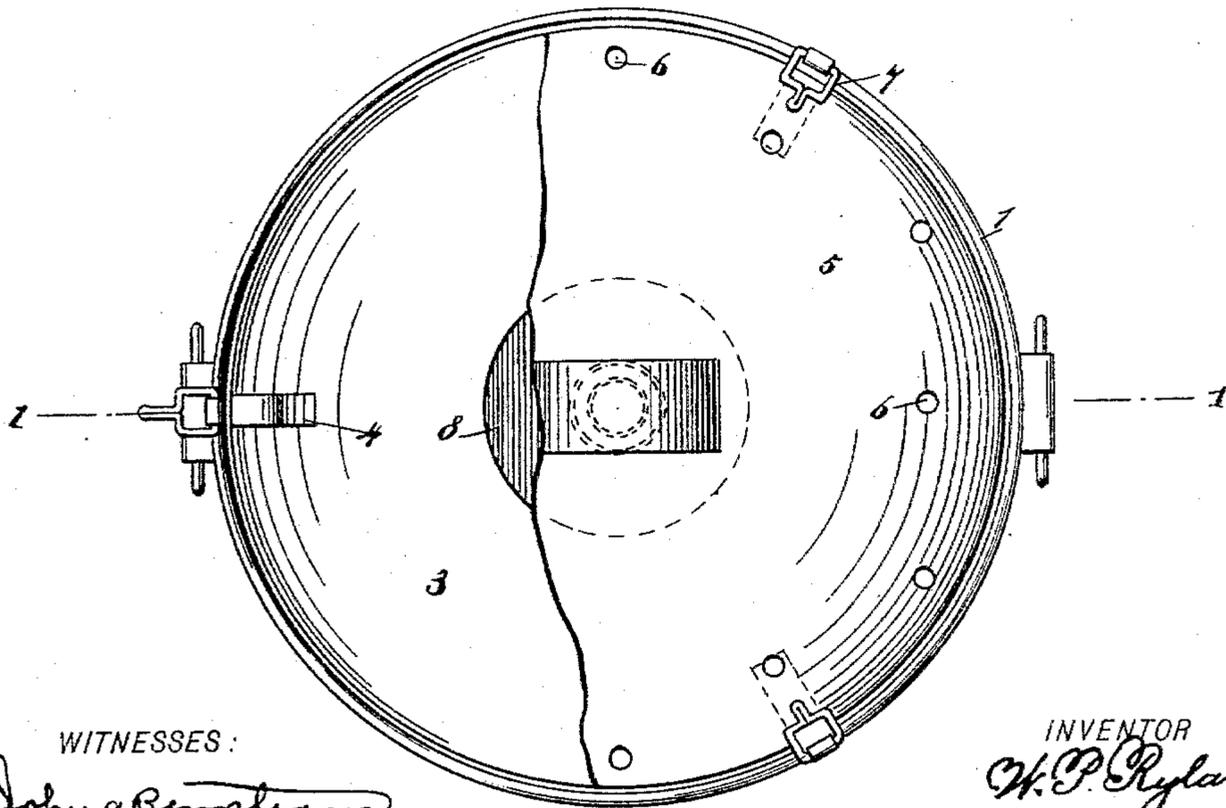
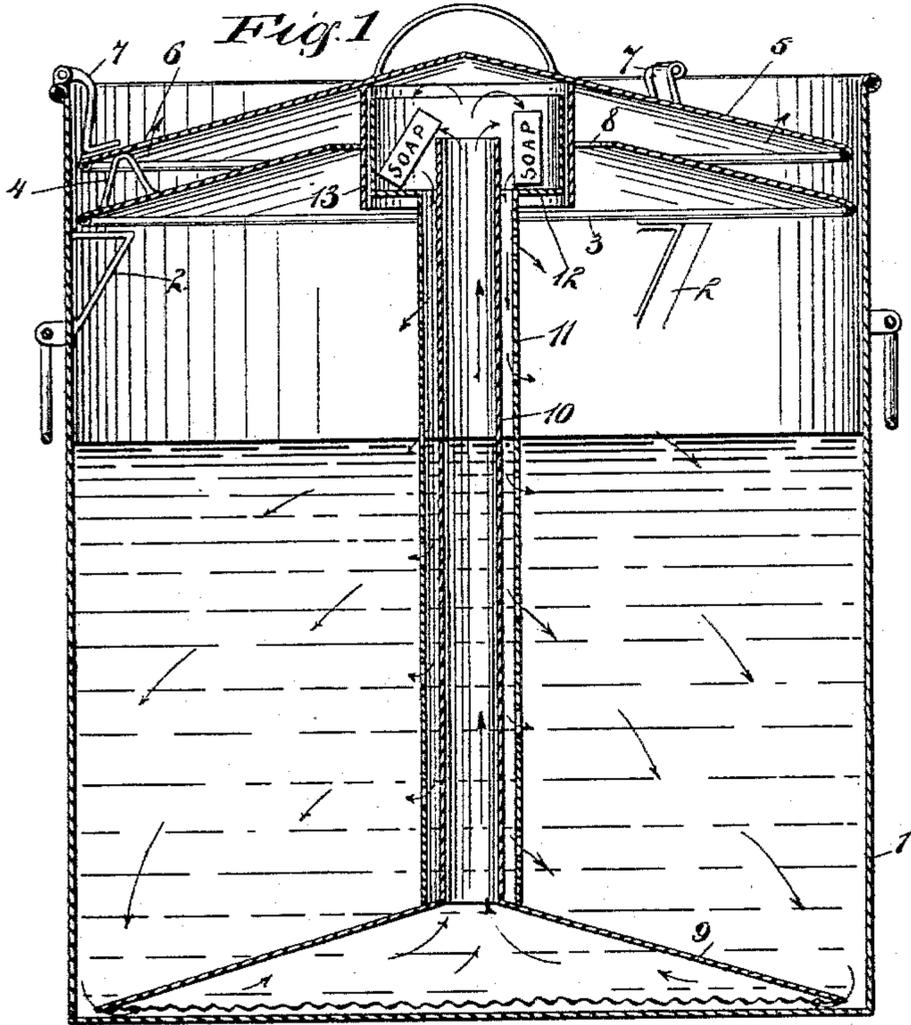


(No Model.)

W. P. RYLANDER.
CLOTHING BOILER.

No. 598,011.

Patented Jan. 25, 1898.



WITNESSES:
John A. Bampton
R. R. Ferguson

Fig. 2

INVENTOR
W. P. Rylander
BY *[Signature]*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM PITTS RYLANDER, OF TEMPLE, TEXAS.

CLOTHING-BOILER.

SPECIFICATION forming part of Letters Patent No. 598,011, dated January 25, 1898.

Application filed May 25, 1897. Serial No. 638,072. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM PITTS RYLANDER, of Temple, in the county of Bell and State of Texas, have invented a new and Improved Clothing-Boiler, of which the following is a full, clear, and exact description.

This invention relates to devices for boiling soiled clothing; and the object is to provide a device of this character in which there is practically no danger of the water or suds boiling over to the exterior, thus making it possible to use the boiler on an ordinary cook-stove during the cooking of meals without danger of spoiling the food with water or suds or of damage to the stove.

A further object is to provide a boiler in which the clothing can be quickly and thoroughly cleansed without handling and without the use of the ordinary washboard.

I will describe a boiler embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a vertical section on the line 1 1 of Fig. 2 of a boiler embodying my invention, and Fig. 2 is a plan view with a portion broken away.

Referring to the drawings, 1 designates a boiler provided at its inner side, near the top, with inwardly - extended brackets 2, upon which the cover 3 is designed to rest, and on the upper side of this inner cover 3, near its periphery, are standards 4, upon which an outer cover 5 is designed to rest with its edge below the top of the boiler. The inner cover 3 is designed to prevent the rise of the clothes above said cover, and the outer cover 5 will be provided with perforations 6, through which overflowing water and suds may discharge, which, on becoming somewhat cooler, will run back into the boiler. Links 7 have pivotal connection with the upper end of the boiler and are designed to turn into the same to rest upon the upper surface of the outer cover 5, thus preventing said cover 5 from being raised out of place by the steam - pressure. The cover 5 is made conical, and the cover 3 is made of corresponding shape, but has a central opening 8.

Resting upon the bottom of the boiler is a conical base 9, from the apex of which a tube 10 extends upward within a tube 11, the said tube 11 holding a soap-box 12 at its upper end. This latter tube 11 is provided with a series of perforations for the discharge of soap and water, and the tube 10 extends about halfway through the soap-box. The cover 5 serves the double purpose of a cover for the boiler, as before described, and also as a cover for the box 12. It is here shown as having a central flange 13, engaging around the soap-box. The periphery of the base 9 will preferably be scalloped or serrated, so as to allow for the passage of water beneath it.

In operation the boiler will be filled about two-thirds full of water and the clothes placed therein. When the water comes to a boil, the ebullitions or pressure will force the same from the bottom upward or underneath the base 9, up through the tube 10 into the soap-box, where it will gather an amount of soap. Then the water will run downward through the pipe 11 and discharge through its perforations to be used over and over again or until the soap is entirely exhausted or until the clothes are entirely clean. Thus it will be seen that I take the water raised to a very high degree of heat, add soap, and drive the water back and forth many times through the contents of the vessel in a manner to thoroughly permeate every fiber of the clothing.

The device will be constructed, preferably, of galvanized iron of suitable thickness, and as there is not the slightest friction or strain at any point the boiler will last for years with proper care. Of course they will be made in sizes to suit the demand.

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

1. A clothing-washer, comprising a boiler, brackets in the upper portion of said boiler, a cover designed to rest on said brackets, the said cover having a central opening, a perforated upper cover supported above the first-named cover, a conical base in the lower portion of the boiler and having water-inlets at its edge, a pipe leading upward from the base, a soap-box within the opening of the first-named cover, and a perforated pipe leading downward from the soap-box and surrounding

the first-named pipe, substantially as specified.

2. A clothing-washer, comprising a boiler, a conical base in the lower portion of the boiler and having water-inlets, a perforated pipe extended upward from the base, a soap-box supported on the perforated pipe, a pipe extended from the base, through the perforated pipe and into the soap-box, and a cover serving both for the boiler and the soap-box, substantially as specified.

3. A clothing-washer, comprising a boiler, brackets in the upper portion of said boiler, a cover designed to rest on said brackets, the said cover having a central opening, standards on said cover, an upper cover resting on

said standards, pivoted clips for holding the upper cover in position, the said upper cover having perforations, a conical base in the lower portion of the boiler and having a serrated edge, a pipe leading upward from the apex of said base, a soap-box arranged in the covers and into which said pipe discharges, a pipe extending downward from said soap-box around the first-named pipe and having perforations, and a flange on the top cover of the boiler for engaging around the soap-box, substantially as specified.

WILLIAM PITTS RYLANDER.

Witnesses:

B. H. CALHOUN,
ROY R. PORTER.