

J. B. FRANKLIN.
 Convertible Clothes-Boiler and Washing-Machine.
 No. 205,259. Patented June 25, 1878.

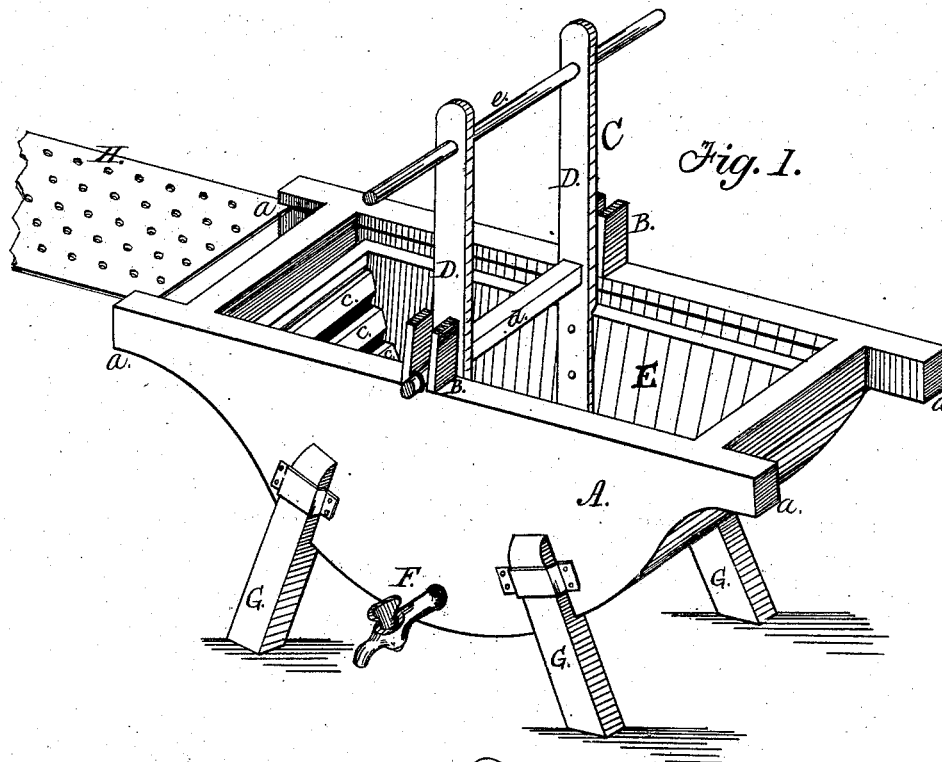


Fig. 1.

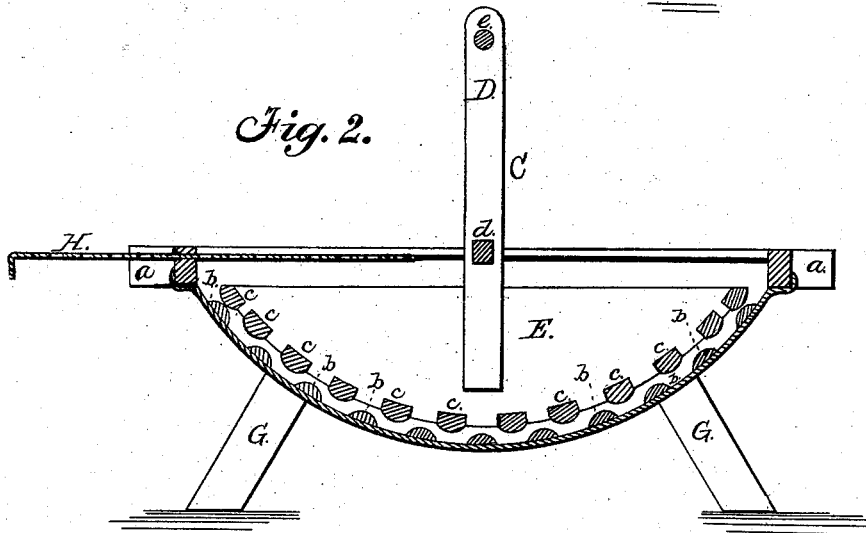


Fig. 2.

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JOEL B. FRANKLIN, OF WHITE PINE, TENNESSEE.

IMPROVEMENT IN CONVERTIBLE CLOTHES-BOILER AND WASHING-MACHINE.

Specification forming part of Letters Patent No. **205,259**, dated June 25, 1873; application filed April 23, 1877.

To all whom it may concern:

Be it known that I, JOEL B. FRANKLIN, of White Pine, in the county of Jefferson and State of Tennessee, have invented certain new and useful Improvements in Convertible Clothes-Boiler and Washing-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my invention, and Fig. 2 a vertical longitudinal section thereof.

Similar letters of reference occurring on the several figures indicate like parts.

My invention has relation to a convertible clothes-boiler and washing-machine, in which provision is made for readily adapting the apparatus for use either upon a stove or furnace as a boiler or steamer, or upon suitable standards as a rinsing or washing machine; and it consists of a metallic vessel, having a cylindrical bottom, provided with rounded slats or corrugations, and an open rectangular top, provided upon the sides with slotted standards, adapted to receive the axis of the semi-cylindrical rocker, having corrugations or rounded slats upon its lower surface, all as will be hereinafter more fully described, and pointed out in the claim.

Referring to the drawings, A represents the vessel forming the main body of my improved apparatus, having a semi-cylindrical shaped bottom and an open rectangular top, the whole being constructed of galvanized sheet-iron or other suitable metal.

B B represent slotted standards or uprights, arranged on each side of the machine at the center, for the reception of the axis of the semi-cylindrical shaped rocker C.

The frame forming the top of the apparatus projects a short distance at each end, serving as handles *a* for lifting the same.

The bottom of the machine is provided, on the inside, with rounded slats or corrugations *b*, arranged at suitable distances apart, and

extending nearly to the top of the frame at both ends, as shown in Fig. 2.

The semi-cylindrical rocker C is formed of two half-circular side pieces, E, arranged at a suitable distance apart, and provided with rounded slats *c*, arranged upon and across the curved portion of the said side pieces. At the center of the rocker C, on each side, are provided upright standards D, through which passes the axis *d* a short distance above the top of the rocker, while a handle or bar, *e*, is secured in the extreme upper ends for operating the machine.

The vessel A is provided with legs G, fitting into keepers upon the sides, so as to be removable, when desired, and also with a spigot, F, for drawing off the water at the bottom.

A groove is provided in the frame forming the upper part of the apparatus, for the reception of the perforated lid H, for closing up the vessel when it is to be used as a boiler or steamer.

In the operation of my device the legs G are removed, and the vessel A placed upon a stove or furnace and filled with sufficient water to cover the clothes that are to be washed. The rocker C is then removed and the perforated lid H fitted into place, covering the top of the vessel, so that the clothes may be boiled or steamed a short time. The lid H is now removed, and the rocker C arranged in the slotted standards and rotated by the handle *e*, thereby keeping the clothes constantly moving between the corrugations or rounded slats on the rocker and the bottom of the vessel, and exposing fresh portions of the clothes with every movement of the handle until the dirt is thoroughly extracted. The rocker C is now removed, the clothes wrung out, and the dirty water drawn off through the spigot F. The clothes are then replaced, fresh water added, and the lid H fitted in position, allowing the clothes to boil a short while longer, when the rocker C is again used and the clothes wrung out, perfectly and thoroughly cleansed.

By means of my improved construction, the soap used in washing is thoroughly diffused through the water and clothes, thereby requiring a less quantity of soap than is generally used; and, further, the clothes are manipulated

in such a manner as to present every part to the action of the rubbing mechanism, thereby securing an even and thorough cleansing of the clothes.

It may also be observed that my invention is adapted for use either upon a stove or upon the legs or standards G, in which latter case boiling water is poured into the vessel and the lid H fitted thereon, so that the clothes may be boiled or steamed preparatory to their being manipulated by the rocker C.

Having thus described my invention, what I claim as new and useful is—

The convertible boiler and washing-machine consisting of the metallic vessel A, having a

corrugated bottom, detachable legs G, perforated sliding plate H, rocker C, and slotted standards B, said vessel A with its perforated plate, when the rocker and legs are detached from it, having the requirements of an independent boiler, as and for the purpose set forth.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

JOEL B. FRANKLIN.

Witnesses:

J. NEWMAN,

JOHN E. WALKER.