

M. Ingalls,

Washing Machine.

No. 101,269.

Patented Mar. 29. 1870.

Fig. 1.

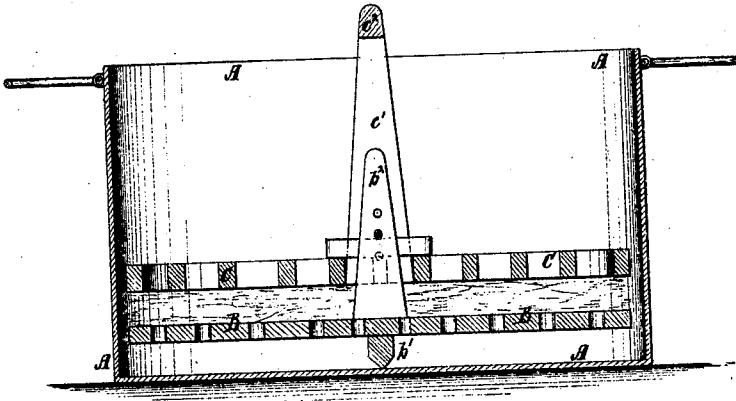
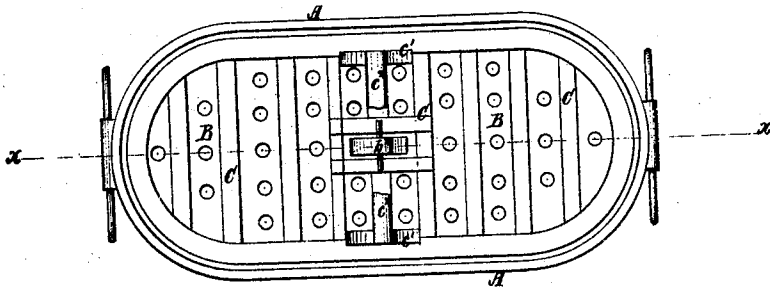


Fig. 2.



Witnesses:

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MOSES INGALLS, OF MUSCATINE, IOWA.

Letters Patent No. 101,269, dated March 29, 1870.

IMPROVED WASHING-MACHINE.

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, MOSES INGALLS, of Muscatine, in the county of Muscatine and State of Iowa, have invented a new and useful Improvement in 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 make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 is a vertical longitudinal section of my improved washing-machine, taken through the line $x x$, fig. 2.

Figure 2 is a top view of the same, part of the handle being broken away to show the construction.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish a simple, neat, convenient, and effective washing-machine, by means of which the washing may be quickly and conveniently done, and in such a way as to not injure the most delicate fabric, the washing being done by forcing the boiling suds through the clothes; and

It consists in the construction and combination of various parts of the machine, as hereinafter more fully described.

A represents an ordinary wash-boiler.

B represents a perforated board or lattice-work frame, made in the general form of the boiler A, but a little shorter than said boiler A, which board or frame B I call a rocker, so that the said board or frame may be rocked or oscillated within said boiler.

To the central part of the lower side of the rocker B is attached a cross-bar, b^1 , the lower side or edge of which is beveled or rounded off, so that it may rock upon the bottom of the boiler A, or upon supports attached to or placed upon said bottom.

To the central part of the upper side of the rocker

B is attached an upright, b^2 , having several holes formed transversely through it, as shown in fig. 1.

C is an upright frame of lattice-work, which I call a dasher, and which is made of about the same shape and size as the rocker B. The central part of the dasher C is slotted for the passage of the upright b^2 , as shown in figs. 1 and 2.

To the sides of the middle part of the dasher C are attached uprights c^1 , connected at their upper ends by a cross-bar, c^2 , to form a handle for operating the machine.

In using the machine, the rocker B $b^1 b^2$ is placed in the boiler A, and the clothes to be washed are soaped and placed upon it.

The boiler is placed over a fire and the clothes are boiled; after which, or while boiling, the dasher C $c^1 c^2$ is placed upon the clothes, pressed down gently upon them, and secured in place by a pin passed through one or the other of the holes in the upright b^2 . The washer is then rocked or oscillated by moving the dasher-handle $c^1 c^2$ back and forth.

As the suds alternately descend, the boiling water or suds is forced up through the openings in the rocker B and through the clothes, washing them quickly and thoroughly.

Having thus described my invention,

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

An improved washing-machine, formed by the combination of the rocker B $b^1 b^2$ and dasher C $c^1 c^2$ with each other, said parts being constructed substantially as herein shown and described, to adapt them for use in connection with each other and in an ordinary wash-boiler, as set forth.

Witnesses:

F. E. HUMPHREYS,
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MOSES INGALLS.