

J. A. Hall,

Washing Machine.

No. 101,727.

Patented Apr. 12, 1870.

fig. 1.

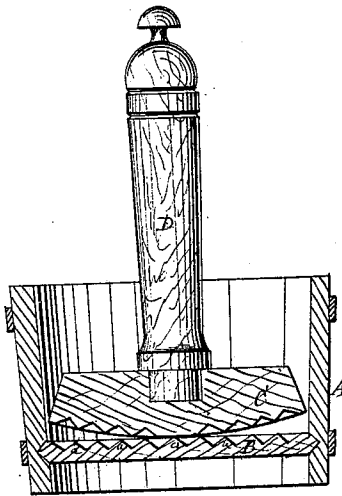
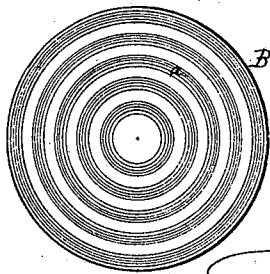


fig. 2.



Witnesses:

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JOHN A. HALL, OF NEWBURG, CANADA.

Letters Patent No. 101,727, dated April 12, 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, JOHN A. HALL, of Newburg, in the county of Lenox and Province of Ontario, Dominion of Canada, have invented an Improved Washing-Machine, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 represents a sectional elevation of my improved washing-machine; and

Figure 2, a plan view of the bottom of the tub.

The object of my invention is to produce a washing-machine which shall operate upon the clothes by pressure, without friction, and hence without wearing or injuring them, as in other machines of this class.

In carrying out my invention, I construct a tub, A, of the usual circular form, with a bottom, B, which is provided with a series of concentric grooves, as represented in fig. 2.

C is a press-block, having an oval or rounded face, *a*, or one describing the arc of a circle when taken in cross-section through any part. It is grooved in the same manner as the bottom of the tub, beveled around

its sides from the face inward, and provided with a vertical handle, D.

To operate the device, the block C is first removed and the clothes to be washed placed in the tub, together with a suitable quantity of hot water. The block is then replaced and the handle D rotated about its vertical axis, which has the effect to cause the block to always press upon the clothes on that side to which the handle is inclined.

I thus provide a simple, compact, and efficient machine at minimum cost.

Having thus described my invention,

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

The improved washing-machine consisting of the press-block C, having the handle D and an oval or rounded face, *a*, provided with concentric grooves, and the tub A, with its bottom B provided with similar grooves, as shown and described.

JOHN A. HALL.

Witnesses:

JACOB CLANCY,
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