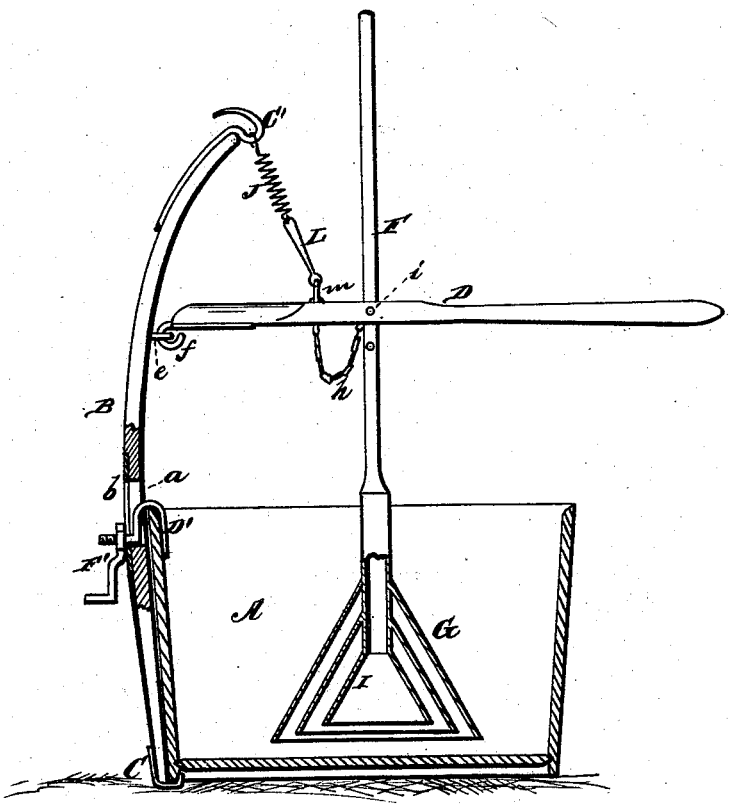
W. H. MOSS & O. B. DAY.
Washing-Machine.

No. 209,502. Patented Oct. 29, 1878.



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UNITED STATES PATENT OFFICE.

WILLIAM H. MOSS AND OSCAR B. DAY, OF NEW RICHMOND, OHIO.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **209,502**, dated October 29, 1878; application filed August 31, 1878.

To all whom it may concern:

Be it known that we, WILLIAM H. MOSS and OSCAR B. DAY, of New Richmond, in the county of Clermont and State of Ohio, have invented a new and valuable Improvement in Washing-Machines; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, and to the letters and figures of reference marked thereon, in which the figure is a representation of a vertical central section of our washing-machine.

The nature of our invention consists in the construction and arrangement of a pounder washing-machine, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates our invention.

A represents an ordinary wash-tub, to which my pounder is connected. B is a bent wooden standard, provided at its lower end with a hook, C, to catch on the under edge of the tub. At a suitable point above the lower end the standard B has a metal plate, *b*, let into the same on the outer side, and this plate and the standard are mortised longitudinally, as shown at *a*. Through this slot is passed a hook-bolt, D′, to catch over the top edge of the tub. A lever-nut, F′, is screwed on the end of this bolt to fasten the standard B firmly to the tub.

The upper end of the standard B has a metal hook, C′, fastened to it in any suitable manner. At a proper distance from the upper end in the standard B is fastened an eye, *e*, and in the same is hooked a metal eye, *f*, attached to the wooden operating-lever D. This lever D has at a suitable point in it a longitudinal slot, through which is passed the handle F of the pounder G, said handle F being connected to the operating-lever by a pin, *i*.

The handle F has several holes through it, so that it can be adjusted up and down by changing the pin *i* in different holes.

The pin *i* is attached to a chain, *h*, connected to the lever D, so that it cannot be lost.

The pounder G is made in the ordinary inverted-funnel shape, and is provided on the inside with a series of cones, I I, arranged within the pounder and attached to the center tube, in which the handle F is inserted.

The pounder G and the interior cones I are arranged on different levels—that is to say, the lower edge of the main shell is lower than the next one inside, this one is lower than the next, and so on, as shown.

By this construction of the pounder we form two or more separate and distinct suctions through the clothes, which makes the process of washing more rapid and thorough.

On the hook C′ at the upper end of the standard B is hung a coiled spring, J, which engages with a snap-hook, L, connected with an eye, *m*, on the operating-lever D, whereby the upward movement of the pounder is greatly facilitated.

The device, taken as a whole, is very simple in construction, easily operated, and not liable to get out of order.

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

The combination of the standard B, hook C′, handle F, with pounder G, lever D, spring J, and snap-hook L, and eye *m*, substantially as and for the purpose herein set forth.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

WILLIAM H. MOSS.
OSCAR B. DAY.

Witnesses:
WILLIAM V. PECK,
MARTIN V. B. LAYFIELD.