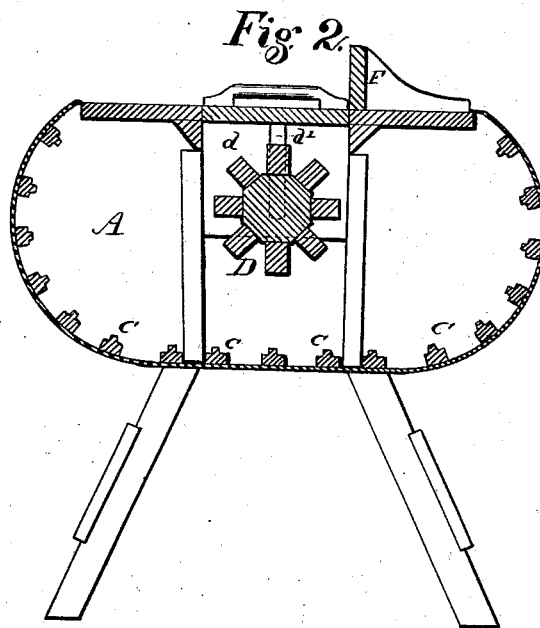
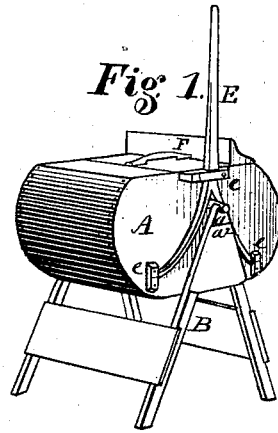


J. A. BOWYER.
Washing-Machine.

No. 168,827.

Patented Oct. 19, 1875.



Witnesses.
Ch. B. Tibbitts
Frank B. Tibbitts

Inventor.
John A. Bowyer
By Geo. W. Tibbitts, Atty.

UNITED STATES PATENT OFFICE.

JOHN A. BOWYER, OF HUNTSBURG, ASSIGNOR OF ONE-HALF HIS RIGHT
TO JOHN E. QUINN, OF MONTVILLE, OHIO.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **168,827**, dated October 19, 1875; application filed
March 8, 1875.

To all whom it may concern:

Be it known that I, JOHN A. BOWYER, of Huntsburg, Geauga county, and State of Ohio, have invented certain Improvements in Washing-Machines, of which the following is a specification:

This invention consists in a washing-machine, the body whereof is hung in a framework, so as to be capable of being swung or rocked therein, said body having transverse ribs on its interior; also, an automatically-adjustable rubber or roller, and also a split-end handle, removably secured thereto, constructed and arranged as herein fully set forth.

To enable others to fully understand my invention I proceed to describe the same in detail with the aid of the accompanying drawing, in which—

Figure 1 is a perspective view. Fig. 2 is a vertical section.

A represents a box having round ends; the sides made of wood, and the bottom and ends made of sheet metal. The top is partly covered, leaving a space at the middle for putting in water and clothes, and provided with a movable cover. At the sides of the box, near the top, are journals *a*, which set in boxes *a'* attached to the apex of the frame sides B, in which the box A swings when operating. The inside of the said box A is provided with ribs C C, secured crosswise thereof, and extending at intervals all the way around from the top corners, along the ends and bottom. At the sides, on the inside of the said box A, are blocks *d*, having a vertical groove, *d'*, in which the journals of the ribbed roller D play. Upon the outside of the box A, at one side, is placed an operating handle, E, fixed in sockets *e e e*

the said handle being split, and is spread from the upper socket to the two lower ones. These sockets have buttons, which cover the mortises in which the handle rests, which permit it to be removed. On the opposite side of the box A to the handle is a lever, with a notch arranged for holding the box from swinging when it is desired to hold it still when placing in or taking out the contents. A board, F, is attached to the top of the box A, to which a wringer may be attached when desired.

The operation of this is as follows: The water, soap, and clothes are placed inside, and the ribbed roller D put in place, and the lid put on, when the machine is ready for operation. It is then swung by means of the handle, which is a very easy operation, and which a little child may perform, the action upon the clothes being that they are carried back and forth over the ribs on the inside of the box, and under the roller D, the roller preventing their rolling up into a bundle, and at the same time assisting in rubbing them. The journals of the roller playing in the grooves *d'* allow it to rise up, and permit the clothes to pass under it without difficulty.

Having described my invention, I claim as follows:

A washing-machine, composed of the body A, having the transverse ribs C and journals *a*, the automatically-adjustable roller D, frame B, having bearings *a'* for journals *a*, and the split handle E, constructed, arranged, and operating as shown and described.

JOHN A. BOWYER.

Witnesses:

ALBERT F. TUCKER,
A. W. STRONG.