

J. P. ESHLEMAN.

Washing Machine.

No. 119,338,

Patented Sep. 26, 1871.

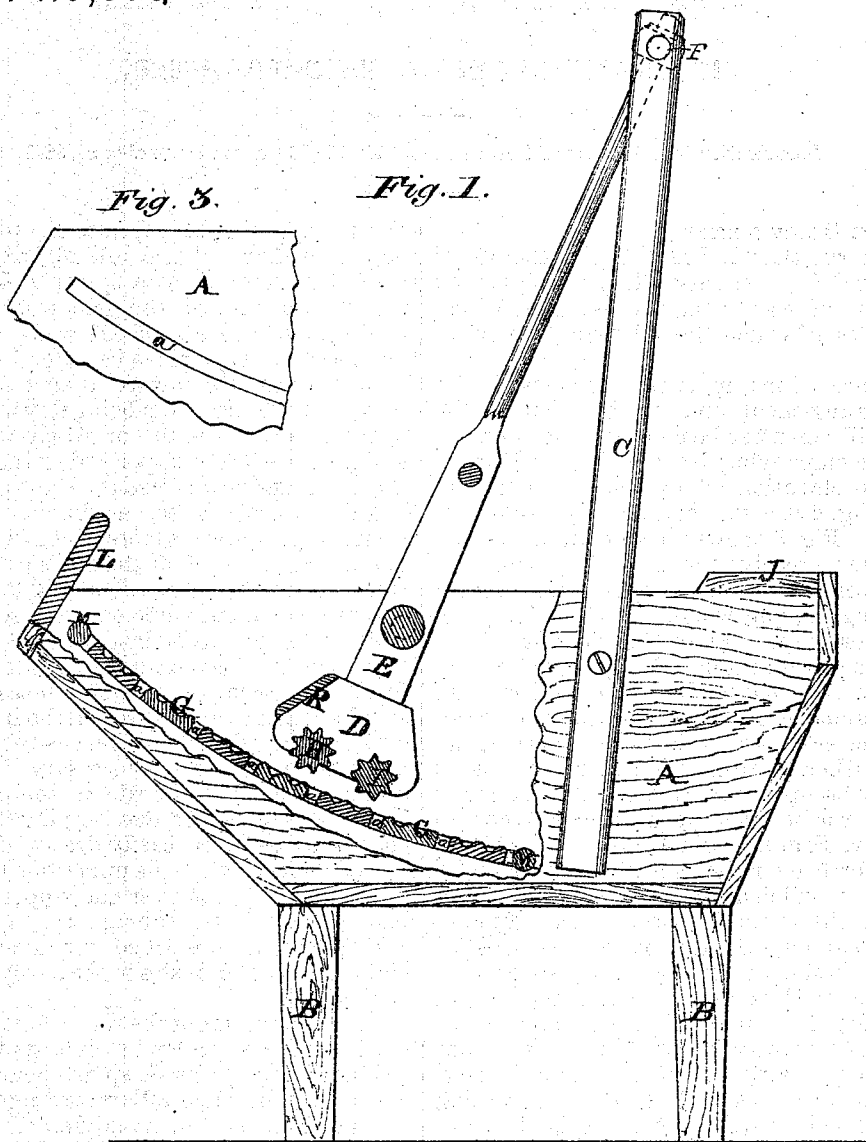


Fig. 3.

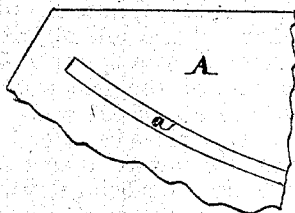
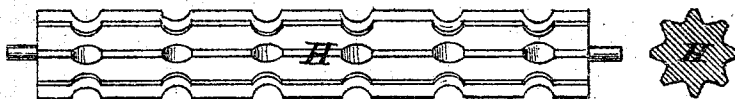


Fig. 1.

Fig. 2.



Witnesses:
J. R. Hamer
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UNITED STATES PATENT OFFICE.

JOHN P. ESHLEMAN, OF WEST SALEM, OHIO.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 119,338, dated September 26, 1871.

To all whom it may concern:

Be it known that I, JOHN P. ESHLEMAN, of West Salem, Wayne county, Ohio, have invented certain new and useful Improvements in Washing-Machines, of which the following is a specification:

The nature of my invention consists in the general arrangement and combination of the parts, as will hereafter be more fully set forth.

In the accompanying drawing, Figure 1 represents a side elevation of my machine, partly in section. Fig. 2 is a side and end view of one of the rollers. Fig. 3 shows the slot cut in the side of the frame to receive the ends of the ribs.

A represents the frame of my machine resting upon the legs B, and which may be of any desired form or shape. Pivoted to the sides of the frame are the upright standards C, between which the washer D is suspended in such a manner that the standards E can be raised or lowered, through the swing-roller F, so as to accommodate the washer D to any thickness of clothes which may be upon the ribs G. To the lower end of the washer-frame are attached the two fluted rollers H and I, which are to be rubbed back and forth over the clothes upon the ribs, there being a sufficient space left between each rib so that the water in the clothes may pass downward, carrying the dirt out of them with it, cleaning both sides at one and the same time. The front roller H is fluted or grooved, so that as the washer D is drawn toward the operator only a part of the water is pressed from the clothes by this roller, leaving the remainder for the rear roller. When the washer D is no longer needed it can be raised entirely free from the tub and placed out of the way upon the shelf J, placed upon the end of the frame from the operator, and which is provided expressly for this purpose. Secured to the side of the washer D, toward the

operator, is a splash board K, which extends across in front of the rollers, large enough to catch the water thrown by the rollers while being drawn toward the operator up over the clothes. At the end of the frame A, where the operator stands, is placed a second splash-board, L, which projects upward at such an angle as to prevent any water from being thrown or splashed over the top of the tub or frame while the rollers are close at the upper end of the ribs. In all the machines now in use the want of this splash-board is a great defect, as the one who does the washing gets always more or less wet during the operation. In each of the sides of the frame A, running downward at any suitable angle, there is a groove, a, cut sufficiently large to allow the ends of the ribs to be inserted and freely slid to their places. This groove serves to hold the ribs firmly and securely in their places with only a small sprig driven in through the frame from the outside, and which can be easily removed and new ribs inserted when necessary. At the upper and lower ends of the ribs G there is placed a roller, M, the lower one serving to allow the clothes to be more easily drawn upon the ribs out of the tub, while the upper one helps to allow the clothes to pass over the upper end of ribs back down into the tub again.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is—

The combination of the frame A having grooves cut in its sides, pivoted standards C, washer D, rollers H and I, ribs G, splash-boards K and L, and rollers M, when all are arranged to operate substantially as shown and described.

JOHN P. ESHLEMAN.

Witnesses:

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