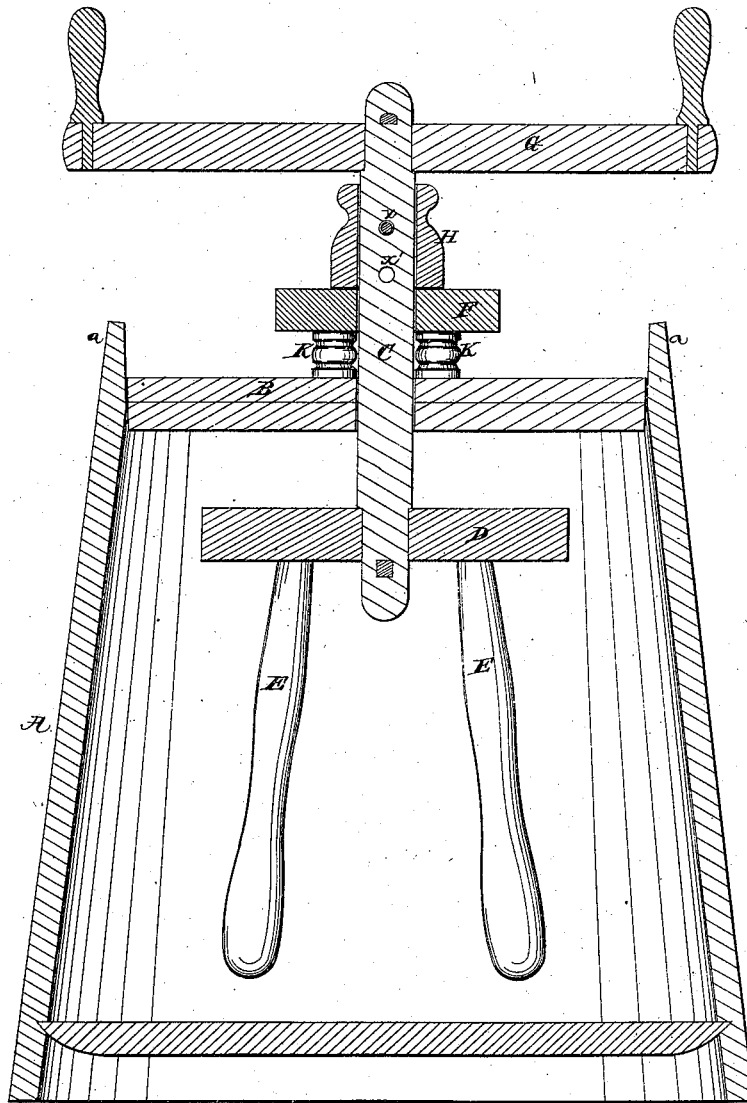


*J. & J. Ehart,
Washing Machine,*

N^o 52,550.

Patented Feb. 13, 1866.



*Witnesses
John M. Jacobs
Charles Alexander*

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by
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UNITED STATES PATENT OFFICE.

JOHN EHART AND JACOB EHART, OF FORT MADISON, IOWA.

WASHING-MACHINE.

Specification forming part of Letters Patent No. 52,550, dated February 13, 1866.

To all whom it may concern:

Be it known that we, JOHN EHART and JACOB EHART, of Fort Madison, Lee county, and State of Iowa, have invented certain new and useful Improvements in Washing-Machines; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters marked thereon, making a part of this specification.

In the annexed drawing, A is the tub, which is made of wood or other suitable material, being constructed deeper than the ordinary washing-tubs, and wider at the bottom than at the top for the purpose of allowing it to rest more substantially. Said tub is provided with a suitable lid, B, which is cut at the sides to allow the same to rest firmly around the two opposite extending staves of the tub, as seen at *a a*. Through the center of the lid B is a circular opening. Passing through said opening is a circular shaft, C.

F represents a small disk, which is supported by four small pillars upon the lid B, said disk is also provided with a circular opening in its center to allow the shaft C to pass through it.

H is a sleeve resting upon the disk F. This sleeve has an opening for the shaft C to pass through, and is secured to the shaft by means of a pin, X, which pin can be taken out whenever so desired. An opening is made in the sleeve H and a corresponding one in the shaft C, for the pin X to connect them. X' is another opening in shaft C, by which the sleeve H can be set.

G represents the lever-handle, which is a horizontal bar with two small uprights, one at each end, to allow the same to be worked, as hereinafter described. The shaft C passes

through this handle G at its center, and is there firmly secured. Attached to the lower end of the shaft C is a disk, D, said disk being much larger than the disk F heretofore described. This disk D has four circular arms attached to it, which extend down in the tub and flare a little at the bottom.

The clothes to be washed are placed in the tub A with boiling water and soap. The lever-handle G is then turned back and forth, causing the shaft C to make a part revolution, which shaft causes the disk D, with the arms E, to work within the tub, the clothes being washed by the arms E. The object of the disk F, with the pillars K and the sleeve H, is to regulate the arms E to suit the quantity of clothes in the tub.

It will be seen that with a small quantity of clothes in the tub the arms E should extend lower down than when a larger quantity is placed therein. This is regulated by adjusting the pin X in the holes in the shaft C.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The shaft C, made adjustable vertically within the tub A by means of the sleeve H, when used in combination with the disk F, provided with arms E E, the several parts being used as and for the purposes herein specified.

In witness that we claim the foregoing we have hereunto set our hands in the presence of two witnesses.

JOHN EHART,
JACOB EHART.

Witnesses:

WM. RITTER,
THEODORE ERNST.