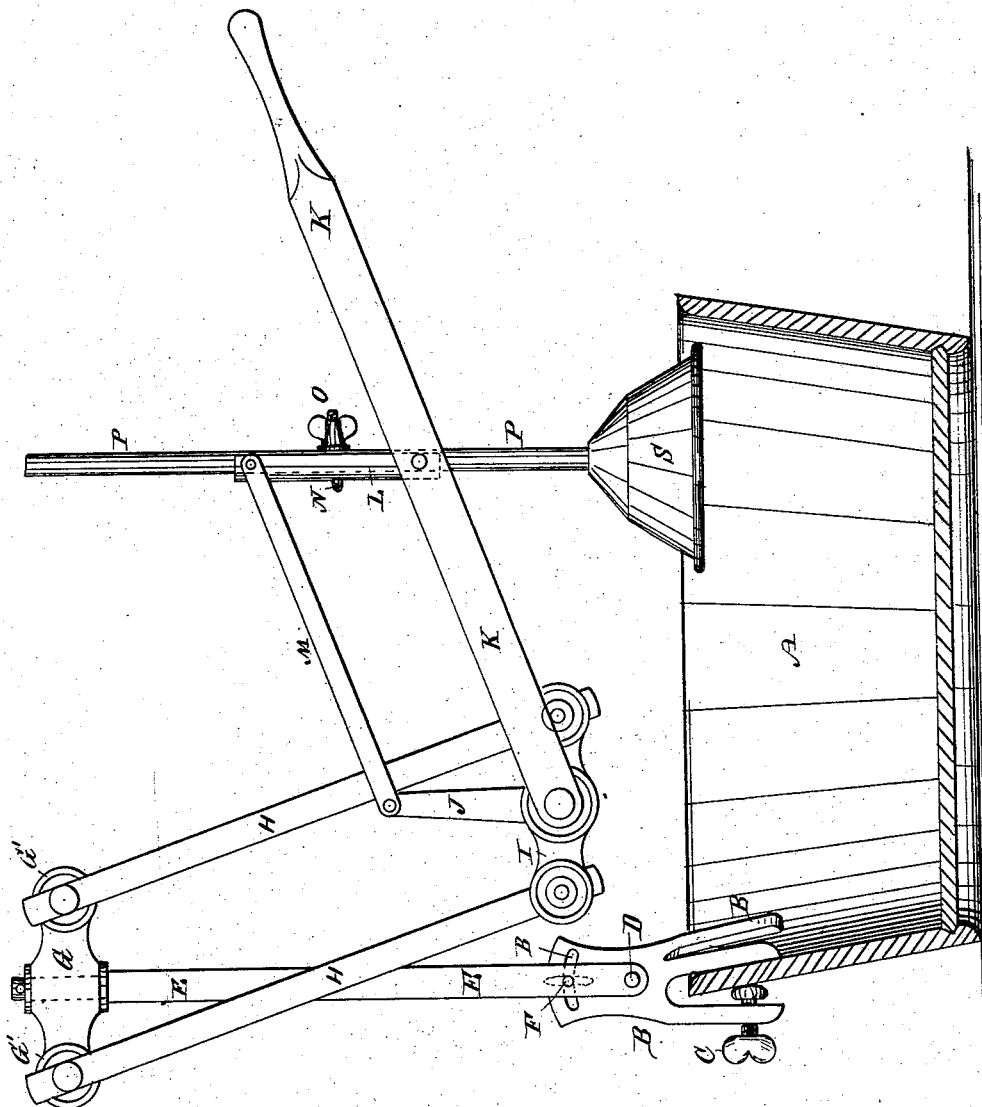


(No Model.)

J. I. DALBEY.
WASHING MACHINE.

No. 261,515.

Patented July 18, 1882.



WITNESSES :

Theo. G. Foster.
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INVENTOR:

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UNITED STATES PATENT OFFICE.

JOSEPH I. DALBEY, OF FRANKFORT, INDIANA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 261,515, dated July 18, 1882.

Application filed March 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH I. DALBEY, of Frankfort, in the county of Clinton and State of Indiana, have invented a new and useful Improvement in Clothes-Pounder Washing-Machines, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawing, forming part of this specification, in which letters are employed to indicate the parts hereinafter described.

In the drawing is shown a side elevation of my improvement, the tub being shown in section.

The object of this invention is to promote convenience in operating clothes-pounder washing-machines and increase the effectiveness of said machines.

A is an ordinary wash-tub.

B is a clamp, which is made with three jaws, two jaws being placed against the inner surface of the side of the tub A, and the third jaw being placed against the outer surface of the said side, and being provided with a hand-screw, C, for securing the said clamp in place.

To the lower part of the shank of the clamp B is hinged, by a rivet or bolt, D, the lower end of the standard E, which is further secured to the said clamp by a hand-screw, F, passing through a curved slot, B, in the shank of the clamp and into the said standard, so that the said standard E can be adjusted by loosening the hand-screw F.

To the upper end of the standard E is swiveled or hinged the center of a cross-bar, G. The sides of the ends of the cross-bar G are concaved, forming central circular bearings and outer annular bearings, G', for the sides of the upper ends of the swinging bars H, as shown in the drawing, so that the said bars H can vibrate freely, but can have no lateral movement. The lower ends of the swinging bars H are pivoted by similar bearings to the

ends of a cross-bar, I, which has an upwardly-projecting arm, J, formed upon its middle part.

To the center of the cross-bar I is pivoted the end of a lever, K, the middle part of which is pivoted to the lower end of a semi-tubular clamp, L.

To the upper end of the arm J is pivoted the end of a bar, M, the other end of which is pivoted to the upper end of the clamp L.

To the middle part of the clamp L is attached the end of a curved arm, N, the free end of which is bent outward and provided with a hand-nut, O, so that when the pounder-handle P has been placed in the clamp L it can be firmly secured in place by the hand-nut O. The hand-nut O is made with a broad base to give it a firm hold upon the pounder-handle P, and is reamed out upon the inner side to receive the bend of the arm N and allow the said nut to be screwed down closely against the said handle P.

With this construction the cross-bar I will be kept parallel with the cross-bar G and in a horizontal position, whatever be the position into which the said cross-bar I may be swung, and the pounder-handle P will be kept always parallel with the arm J and in a vertical position.

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

The combination of the clamp B C, having curved slot B', the standard E, hinged thereto by the bolt D, the hand-screw F, the swiveled cross-bars G I, having end bearings, the swinging bars H, the arm J, the lever K, the clamp L, and the bar M, whereby the pounder may be secured to the tub and operated as described.

JOSEPH I. DALBEY.

Witnesses:

OWEN E. BRUMBAUGH,
JAMES H. FENNELL.