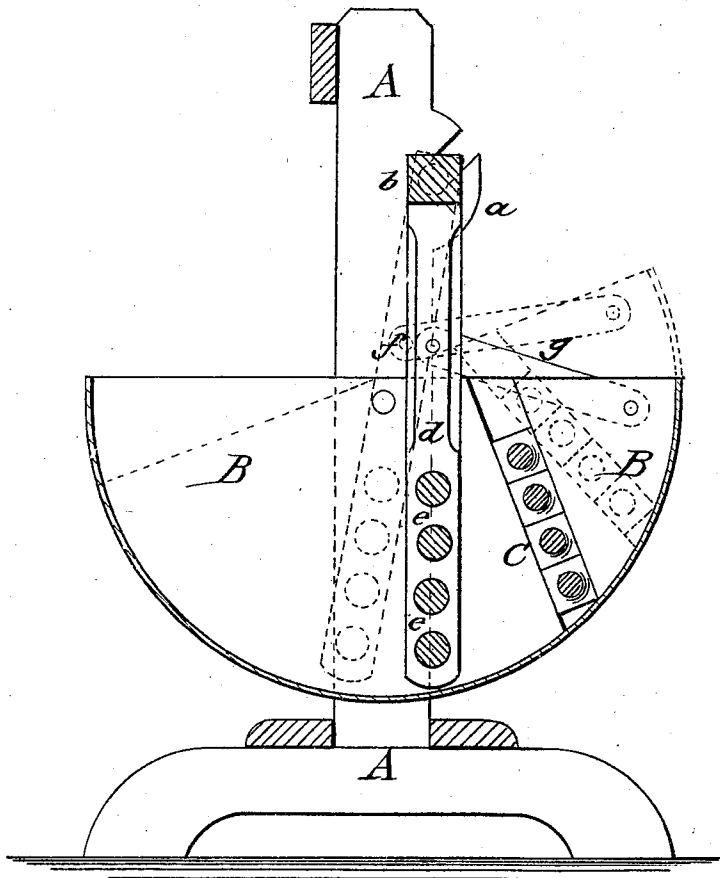


C. L. ROSE.
Washing-Machines.

No. 138,937.

Patented May 13, 1873.



Witnesses:

E. Hoff
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UNITED STATES PATENT OFFICE.

CLARANCE L. ROSE, OF ROSEVILLE, ILLINOIS.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **138,937**, dated May 13, 1873; application filed April 5, 1873.

To all whom it may concern:

Be it known that I, CLARANCE L. ROSE, of Roseville, in the county of Warren and State of Illinois, have invented a new and Improved Washing-Machine, of which the following is a specification:

The accompanying drawing represents a vertical longitudinal section of my improved washing-machine.

The object of my invention is to furnish a washing-machine which turns, rubs, and presses the clothes, thus washing them cleanly in short time, with comparatively small exertion in handling. My invention consists in the double action of the beater by the motion of the oscillating tub, producing rubbing and pressing at the same time, the beater carrying the clothes against the rubber, and pressing them also against it and the bottom of the tub.

In the drawing, A represents the frame of the washing-machine, to the upright standards of which is hung and pivoted in suitable manner the oscillating tub B. The sides of the tub B are recessed in a direction slightly inclined toward the vertical axis of frame A, near the ends thereof, and rubber-board C inserted therein. It is made of round pieces of wood, with interstices for the free passage of the soap-water. The bottom part of tub B may be made of sheet-iron or other suitable material, of the usual semicircular shape. Pivoted to slotted projections of frame A above tub

B, and slightly to the side of the vertical axis of the machine toward the rubber C, is hung the beater, constructed of top bar *b*, side pieces *d*, and round lateral pieces *e* at lower end thereof, which carry the clothes toward the rubber C. The side pieces *d* are connected, by pivots *f*, to standards *g* applied to the sides of tub B, and impart the double action of rubbing and pressing the clothes as soon as the oscillating tub B is set in motion.

The clothes are carried forward and backward in the tub, and alternately rubbed and pressed against rubber C and the bottom, changing continually their position between them, and washing satisfactorily without too great an exertion in oscillating the tub.

Larger machines may be constructed with rubber-boards at both ends of the tub, with a double beater, which requires greater force in running, but accomplishes double work at the same time.

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

The combination of the rubber C of the oscillating tub B with the beater, pitman *g*, and frame A, by standards *d* and pivots *f*, to produce motion of beater against rubber, substantially as described.

CLARANCE L. ROSE.

Witnesses:

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