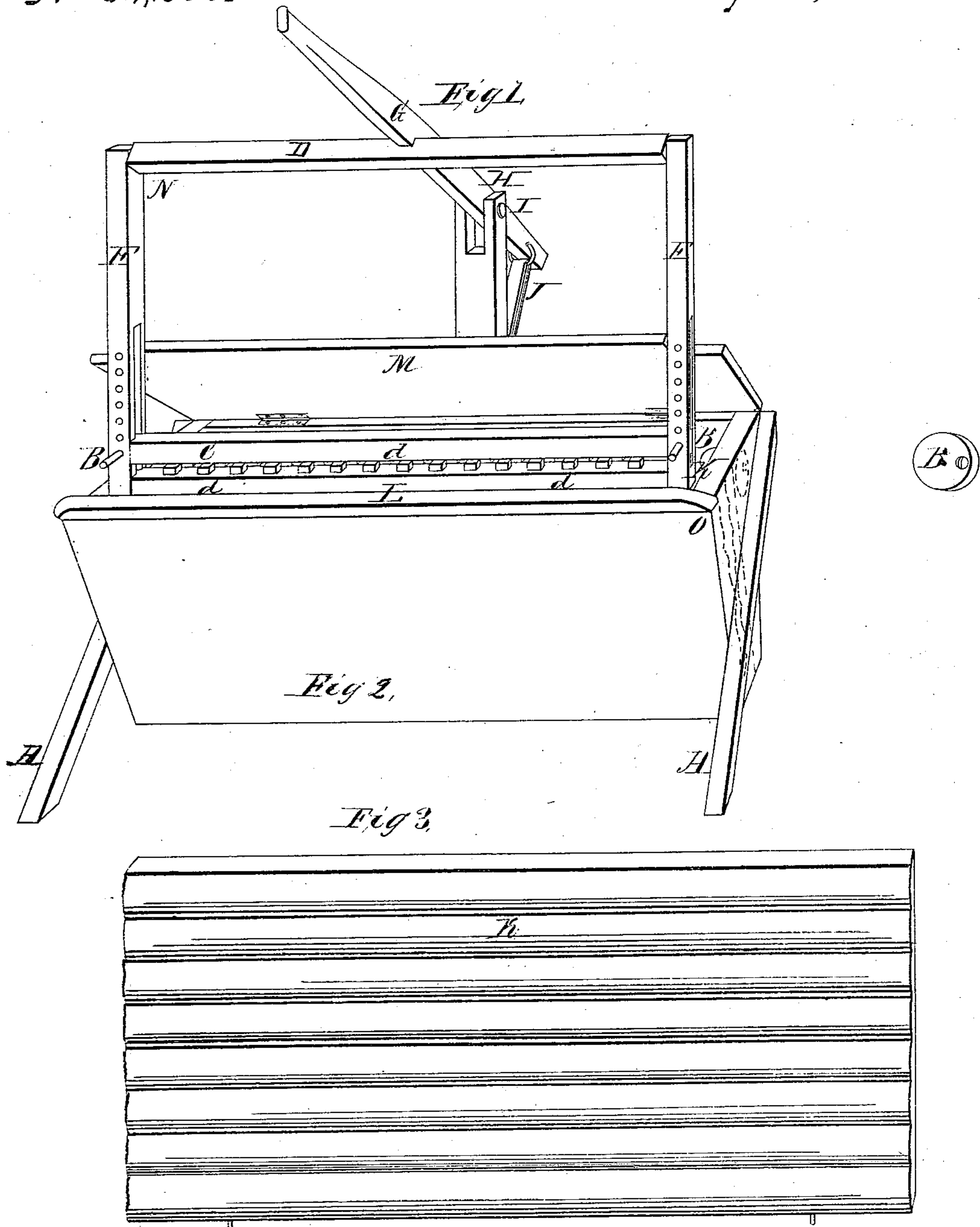


*A. Waldron,
Washing Machine.*

N^o 64,265.

Patented Apr. 30, 1867.



*Witnesses,
Octavius Knight
Eugene H. Knight*

*Inventor,
Adelia Waldron
By J. H. A. Woodard*

United States Patent Office.

ADELIA WALDRON, OF SAN JOSE, ASSIGNOR TO HERSELF AND J. H. ATKINSON, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 64,265, dated April 30, 1867.

IMPROVED WASHING MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Be it known that I, Mrs. ADELIA WALDRON, of Santa Clara county, State of California, have made a new and useful improvement in a Washing Machine for cleansing clothes or other fibrous substances.

Figure 1 is a wooden box, four feet long, two feet and three and a half inches deep, eighteen inches wide at the top, and six inches at the bottom. The slope of the end-pieces, from eighteen inches at the top to six inches at the bottom, is all on the front side, the back part being perpendicular. The washer is made to stand securely by the box, and two legs, A A, attached to the ends of the box, diverging to make a firm and steady machine.

Figure 2 is a fixed wash-board, O, on the inside of the sloping front, and occupying its whole surface.

Figure 3 is a movable wash-board, K, parallel with fig. 2, and of corresponding size. It is furnished with grooves similar to the front board, and is for the purpose of operating upon the clothes to be washed, the same as the front board, and is kept to its place by two eccentric-buttons, fastened to the ends of the box, and marked B-B.

Figure 4 is the sash N that holds the clothes. It is furnished with wooden pegs to secure the clothes from being drawn from the frame while in process of cleaning, and which are marked *d d d*. There is a sliding adjustable box in this frame C, that can be kept in its place by a pin or catch, to operate as a clamp to secure firmly the pieces to be manipulated between the two wash-boards as the frame moves up and down, thus producing the same effect as the knuckles and fingers. The sash is furnished at the top with a movable head-piece, D, that operates on bearings in the side-pieces of the frame F F, thus giving to the sash full play to be operated between the wash-boards in the machine. In the middle of the head-piece D is fastened a lever, G, which has its fulcrum, H, in an upright slotted piece, fastened to the back of the box, and has attached to the lever G and the fulcrum-shaft I, India-rubber or metallic spring J, or a weight can be attached, if necessary, to assist in the operation of moving the clothes-frame and contents in the operation of washing, thus dispensing with the labor of raising the frame by hand, requiring only the downward pressure of the lever to operate the machine. There is a space behind the movable wash-board K for the dirty clothes to be placed in the suds, to become thoroughly saturated with suds while one batch is being manipulated. The box is furnished with a front-piece, L, that slopes towards the box, so that in arranging or removing the clothes from the frame, no slopping need come upon the person or the floor. There is also a lid, M, that covers the box while it is in operation or after it has been used. The lid M has a space cut out of the two front corners of the sides to make a space for the sash-frame N, and also for the attachment of the wringer to the box. The wash-boards, sash-frame, lever, and springs can be applied to any stationary tubs inside, when they use hot water and cold water, in wash-houses, or in private families.

What I claim, and wish to secure by Letters Patent, is—

The double wash-boards O and K, the eccentric-buttons B, the sash-frame N, with clamp C, the lever-handle G, the spring J, in combination and exactly as set forth, and for the purposes specified.

ADELIA WALDRON.

Witnesses:

CHARLES G. THOMAS,
GEO. E. HOUGHTON.