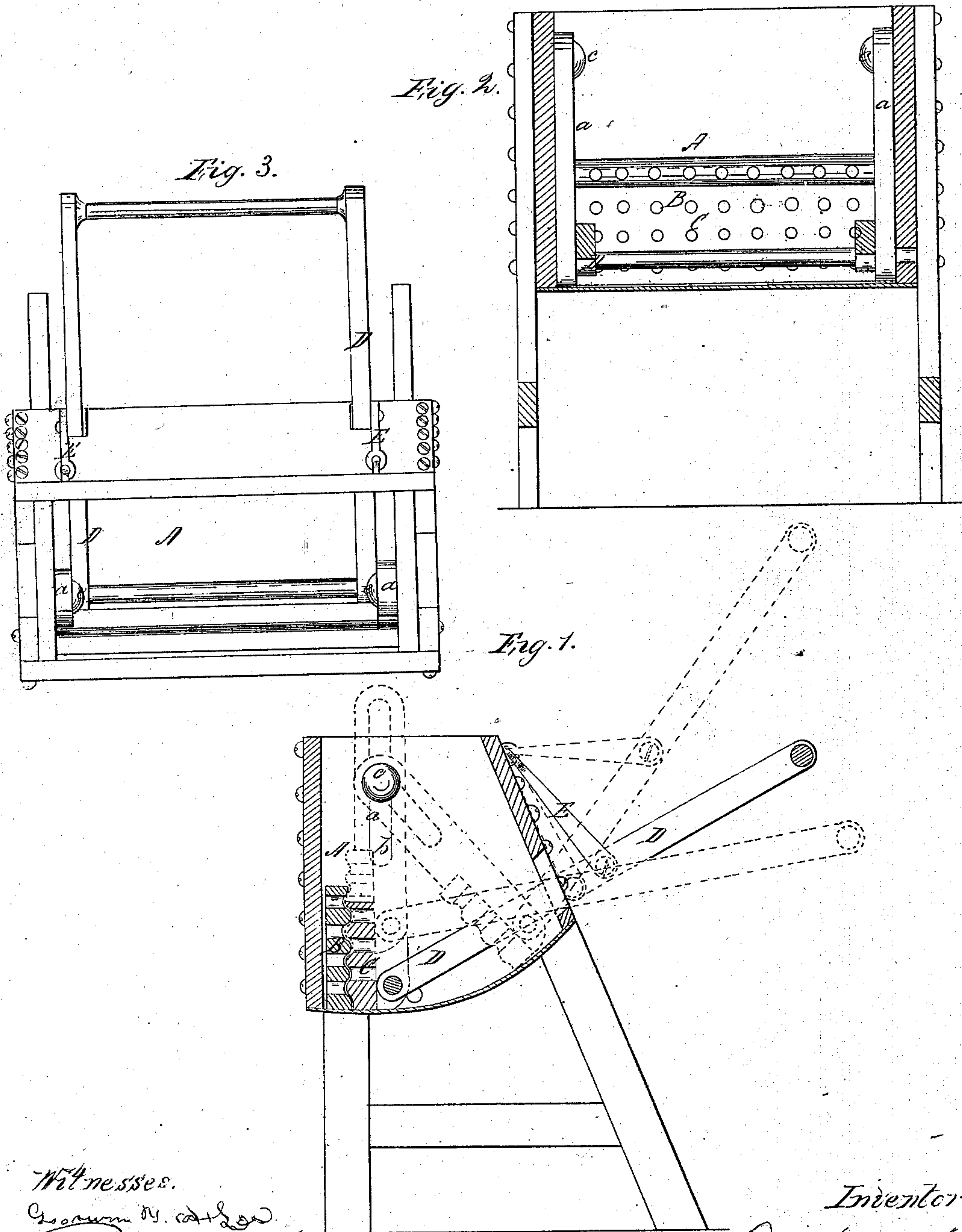


L. A. Dole,

Washing Machine.

N^o 26,572.

Patented Dec 27, 1859.



Witnesses.
Groom & Co.
D. W. Fenwick

Inventor.
L. A. Dole

UNITED STATES PATENT OFFICE.

L. A. DOLE, OF SALEM, OHIO.

WASHING-MACHINE.

Specification of Letters Patent No. 26,572, dated December 27, 1859.

To all whom it may concern:

Be it known that I, L. A. DOLE, of Salem, in the county of Columbiana and State of Ohio, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1, is a vertical transverse section of a washing machine with my improvements. Fig. 2, is a vertical longitudinal section. Fig. 3, a plan of the same.

Similar letters of reference, in each of the several figures indicate corresponding parts.

The nature of my invention consists in the combination of the slotted arms of the rubbing board with the hinged inclined suspending links of the pivoted lever frame, whereby as the lever frame is moved forward, the rubber is caused first to move downward in the path of a vertical circle until it is resisted by contact with the clothes and the stationary vertical board, and then by reason of a continuance of the pressure in the same direction, caused to rise perpendicularly and thus subject the clothes to a rubbing action similar to that performed by the hand on a wash board, substantially as hereinafter described.

To enable others, skilled in the art, to make and use my invention, I will proceed to describe its construction and operation.

A, represents a washtub with its backside vertical, its bottom curved and its front side inclined as represented in the drawing.

B, is a stationary vertically set fluted wash board. C, is a moving fluted washing

board; its arms *a, a*, are slotted as at *b, b*. This board is hung on pivots *c, c*, which pass loosely through the slots and to its lower end a lever frame D, is attached; said frame being suspended on inclined hinged links E, E, as shown.

From the above description of parts, it will be evident that if the rubber is moved from the position shown in blue to the position shown in black, it will press the clothes squarely up against the stationary wash board, and if the pressure on the lever is continued, the inclined links will have a tendency to cause the rubber to rise, the slots allowing it to do so. This tendency of the links to throw the rubber upward and produce a forward pressure as the downward pressure comes upon the lever frame, results from the links being hung out of a perpendicular, and they consequently always seeking to assume a vertical position, which tendency being resisted by the contact of the rubber with the clothes, they in turn act as levers to increase the power and aid in producing an upward rubbing action.

What I claim as my invention and desire to secure by Letters Patents is—

The arrangement consisting of the tub A, rubber B, hinged rubber C, slotted arms *a, b*, lever frame D, and hinged inclined links E, E, in the manner and for the purpose herein described.

The above specification of my impt. in washing machines signed by me this third day of November, 1859.

L. A. DOLE.

Witnesses:

R. H. GARNGUIS,
D. G. SWAIM.