

G. H. Dow,

Washing Machine,

N^o 61,327.

Patented Jan. 22, 1867.

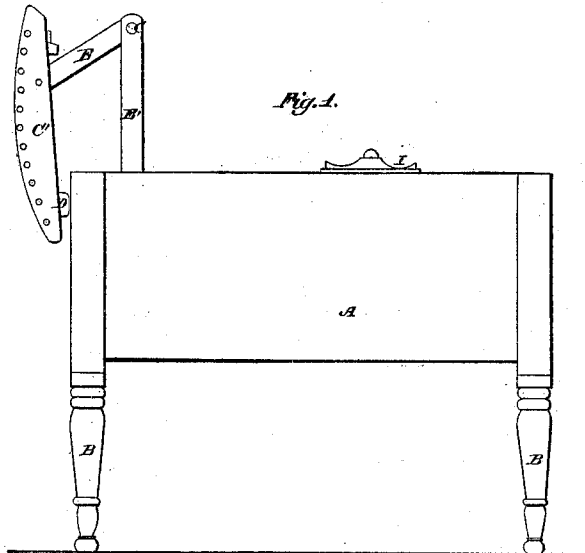


Fig. 2.

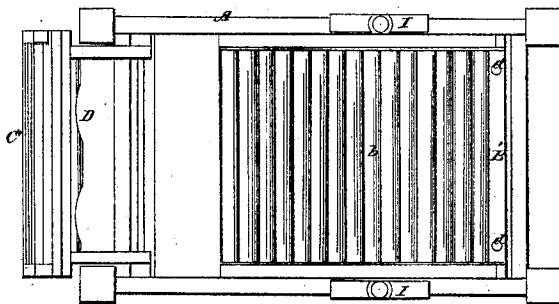
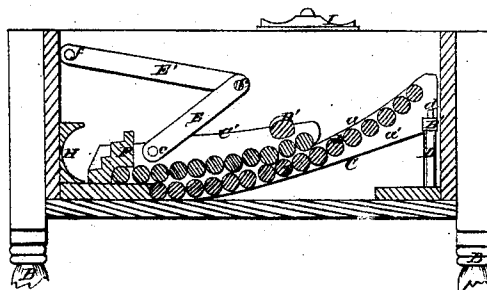


Fig. 3.



Witnesses.

W. H. Burdige

J. Holmes.

Inventor.

Geo. H. Dow

United States Patent Office.

GEORGE H. DOW, OF FREEPORT, ILLINOIS.

Letters Patent No. 61,327, dated January 22, 1867.

IMPROVED WASHING MACHINE.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, G. H. Dow, of Freeport, in the county of Stephenson, and State of Illinois, have invented certain new and useful improvements in Washing Machines; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side view.

Figure 2 is a top view.

Figure 3 is a vertical section.

Like letters of reference refer to like parts in the views.

In the drawings, A represents the case or tub, which is in form an oblong square, and is supported on legs, B. C represents the lower wash-board, consisting of the concave side pieces *a* and movable rollers *b*; these side pieces are covered on one side with a zinc plate, *a'*, through which the pinions of the rollers *b* pass, and have their bearings extending across. From one side piece to the other is the strip B', by the means of which the lower wash-board C is suspended on the rubber springs D, which are placed round the wires *d*; these wires are made of zinc or any other non-corrosive material. C' represents the upper wash-board, which is composed, like the other, of side pieces and rollers, the side pieces being convex, thus fitting on to the lower board. D' is the handle by which the machine is operated. To each side of the board C' are secured or pivoted at *c* the arms E, which are pivoted at the other end *e* to the longer arms E', said arms being connected at *f* to the sides of the case or tub A. The arms being arranged in this way allow the upper rub or wash-board to be thrown or moved into the position shown in fig. 1. F is a piece of wood of the form shown in fig. 3, which is for the purpose of pressing the clothes against the curved piece H. I are buttons, which are to hold the rub-board C' up from the lower board when it is desired to remove the clothes. When the machine is to be used the upper board is in the position shown in fig. 3, which is moved back and forth on the clothes, which are placed between the two boards by the operator taking hold of the handle D', or an arm can be connected to said board, as may be desired, while the machine is washing the clothes, directly between the rollers of the upper and lower boards. At each forward motion of the wash-board the piece F presses the clothes against the concave piece H, thus pounding and pressing them, and the concave H causes them to turn partly over each time, thus creating a double action upon the clothes, rubbing and pressing them at the same time. If desired, the board C' can be thrown out, as in fig. 1, and the lower board C can also be removed, and the tub used for rinsing, &c. The springs are for the purpose of pressing the lower board against the clothes, thus holding them firmly while being rubbed, and when the clothes become packed between the two boards the springs will give, allowing the board to press down, thus preventing all strain or breaking of the boards or any extra hard rubbing of the clothes.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The arms E E', roller, upper board C', and pressure-board F, in combination with the concave wash-board H, lower roller-board C, and springs D, arranged as and for the purpose set forth.

Witnesses:

WILLIAM WIMER,
S. H. TAYLOR.

GEORGE H. DOW.