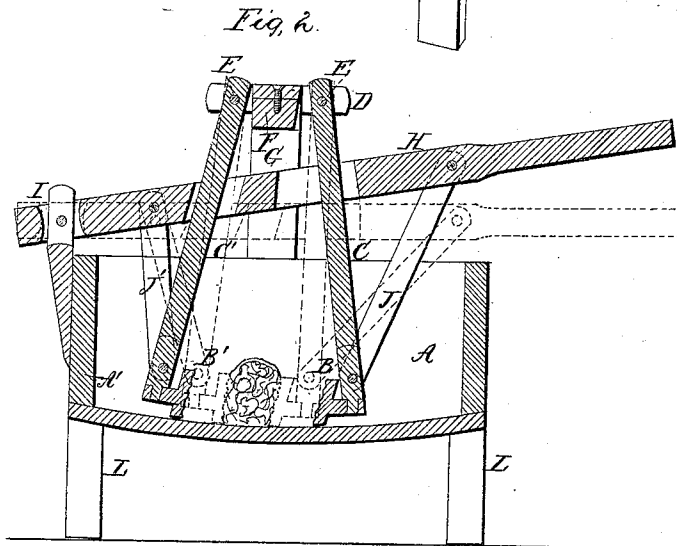
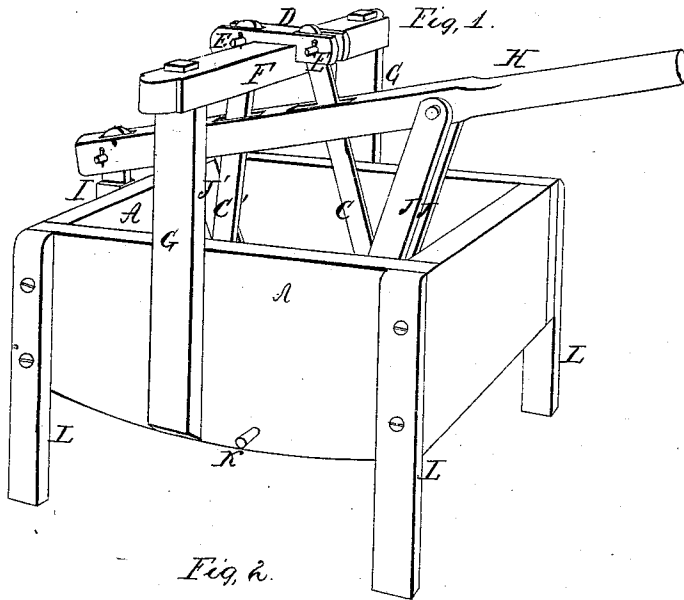


D. Newton,
Washing Machine,
N^o 5349. Patented Oct. 30, 1847.



UNITED STATES PATENT OFFICE.

DENNIS NEWTON, OF HOMER TOWNSHIP, MORGAN COUNTY, OHIO.

WASHING-MACHINE.

Specification of Letters Patent No. 5,349, dated October 30 1847.

To all whom it may concern:

Be it known that I, DENNIS NEWTON, of Homer township, Morgan county, and State of Ohio, have invented a new and useful Improvement in Machines for Washing Clothes, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

10 Figure 1 is a perspective view of the machine. Fig. 2 is a vertical longitudinal section.

Similar letters refer to corresponding parts in the drawings.

15 The nature of my invention consists in suspending by two pendulous rods and joint-pins two fluted or plain pressing or squeezing boards, to the ends of a fixed horizontal piece of timber, supported over the middle of a common wash box, and attaching the lower ends of said rods by connecting rods and joint pins to a rising and falling lever whose fulcrum is a horizontal pin inserted into an upright fixed to the back of the wash box, so that when the lever is depressed the fluted boards approach each other, causing the clothes, soap and water to be squeezed between them, and when the lever is raised giving the boards a contrary motion producing voids or spaces between the clothes and the fluted boards, into which spaces the clothes roll over on either side, the clothes partly separating at the middle of the box and turning or rolling over into the said spaces which are again almost instantly filled with a fresh supply of water and soap, when the operation is repeated; and in this manner keeping up the operation until the clothes are completely cleaned, the motion of the lever producing an alternate squeezing or pressing and an opening and rinsing action on the articles to be washed, more nearly resembling that produced by the human hands than has ever before been effected by machinery.

20 The dotted lines in Fig. 2 represent the position of the fluted pressing boards when the lever is depressed, the clothes to be washed being also represented by dotted lines.

50 A is a common wash box with a concave bottom.

B, B' are two fluted pressing boards attached to the lower ends of two pendulous rods C C', suspended to the ends of a horizontal piece of timber D by two horizontal pins E, said timber D being mortised into a cap F fastened to the heads of two posts G G secured to the sides of the wash box.

H is a rising and falling lever. 60

I is its fulcrum, fastened to the back of the wash box.

J J' are connecting rods that connect the lower ends of the pendulous rods C C' to the lever H and by which they are made to move toward and from each other carrying with them the fluted pressing boards B' B for squeezing and turning the clothes.

K is a plug for drawing off the dirty water. 70

L are four legs for supporting the wash box.

Operation: Put the hot water and soap into the wash box. Place the clothes to be washed between the two fluted pressing boards, lay a loose cover of boards upon the top of the box to prevent splashing. Bring down the lever which will cause the fluted boards to approach each other and squeeze the clothes into a mass at the middle of the box. Raise suddenly the lever which will cause the fluted boards to recede from each other, removing the water and leaving partial vacuums into which the clothes will roll on either side, opening and becoming loose, the hot water and soap flowing back over them. The before described vibrating action of the lever being repeated a sufficient number of times, the clothes will be found to be completely cleansed. They are then removed to a rinsing tub and finished or treated in the usual way.

I make no claim to the invention of a washing machine composed of a box, wringer or press board and lever for operating the same to press the clothes against the separate swing board; but

What I do claim as my invention and desire to secure by Letters Patent in the before described machine for washing clothes, is—

The manner of combining and arranging the additional fluted board (B') pendulous rod (C') and connecting rod (J') between

the usual vibratory pressing board (B) and the end (A') of the wash box, so as to have a simultaneous movement with the same toward, or from, the middle of the wash box, as the end of the lever is raised and lowered for squeezing and turning the clothes, at every vibration of the lever, be-

tween said swing boards, as above described and set forth.

DENNIS NEWTON.

Witnesses:

WM. P. ELLIOT,
JOHN McCUNE.