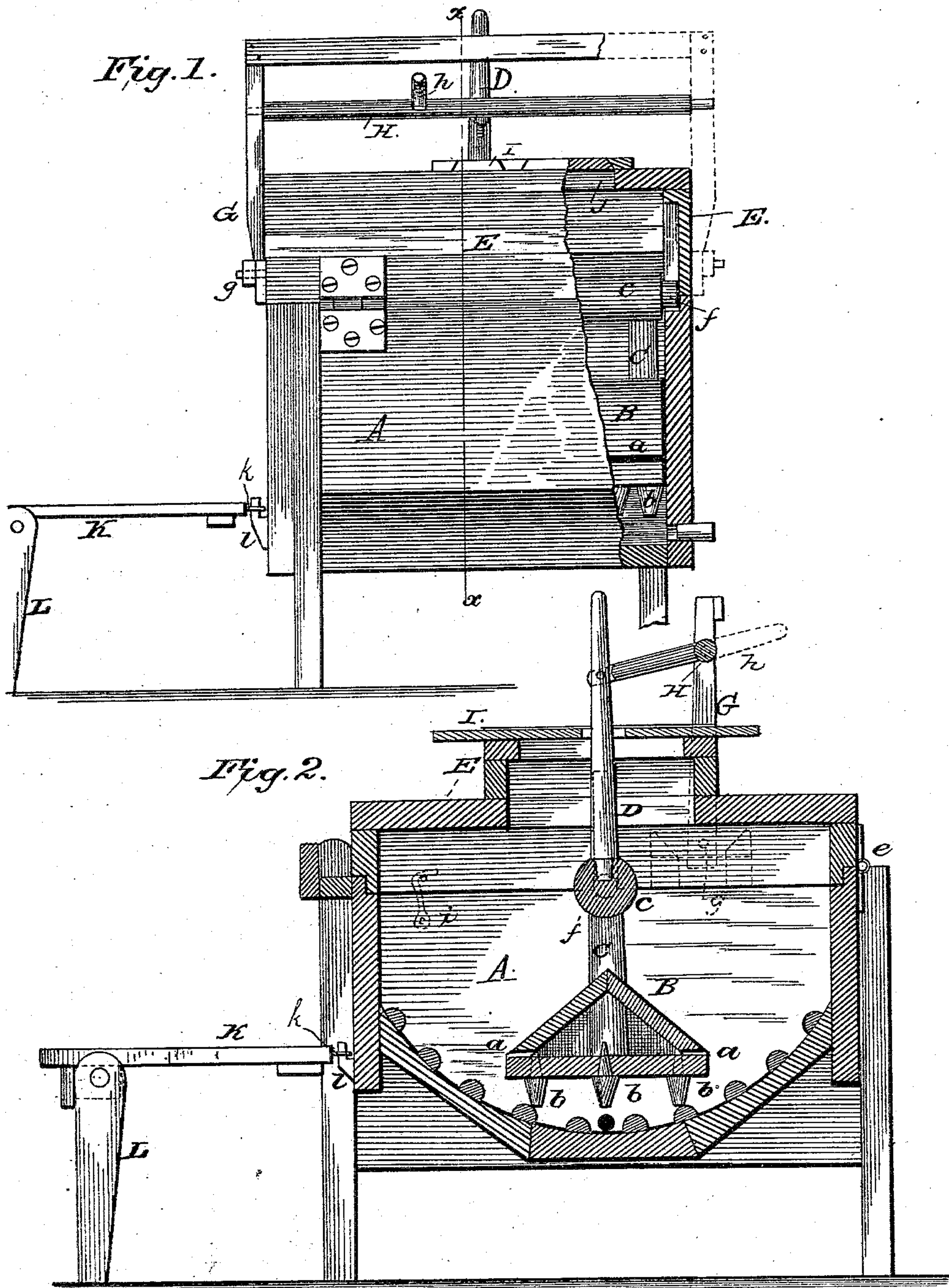


(No Model.)

L. N. MYERS.  
WASHING MACHINE.

No. 281,119.

Patented July 10, 1883.



WITNESSES:  
*Fred. G. Dieterich*  
*W. H. Stevens.*

INVENTOR:  
*L. N. Myers*  
BY *Manu L.*  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

LEONARD N. MYERS, OF MIDDLEBURG, PENNSYLVANIA.

## WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 281,119, dated July 10, 1883.

Application filed March 29, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, LEONARD NEWTON MYERS, of Middleburg, in the county of Snyder and State of Pennsylvania, have invented a  
5 new and Improved Washing-Machine, of which the following is a specification.

My invention relates to improvements in washing-machines; and it consists in the peculiar construction and arrangement of the parts,  
10 as hereinafter more fully set forth, and pointed out in the claims.

Figure 1 is a side elevation of my washing-machine, a portion being broken away to show the interior; and Fig. 2 is a longitudinal vertical  
15 tical section of the same at  $x x$ , Fig. 1.

A represents the body of the machine, which consists of a rectangular box mounted on four corner legs, and having its internal bottom cylindrical and longitudinally battened as a  
20 rubbing-surface or wash-board.

B is the dasher, consisting of a head made of three longitudinal and two end boards, secured together, forming a box like the garret of a house, left open at the eaves  $a$  for water  
25 to escape from its interior. The lower face of the dasher-head is armed with projecting studs or smooth teeth  $b$ . This head is secured upon two uprights, C, which are framed to a cross-bar,  $c$ , and to this cross-bar a central  
30 handle, D, is secured to project through the top E of the machine. This top is made as a box, rabbeted at its lower edge to fit within a corresponding rabbet on the upper edge of the body A, and hinged thereto at  $e$ . This  
35 inner rabbeted joint between the body and lid is to turn all slop back into the machine. The two ends of the cross-bar or axis  $c$  are provided with trunnions  $f$ , entering vertical slots in the inner faces of the end boards of the  
40 cover. These slots serve as bearings for the dasher-trunnions to rise and fall in, or to oscillate in, as the dasher is used for a pounder or for a rubber.

G is a frame-lever, fulcrumed at  $g$  to the  
45 lid E.

H is a rocking bar, journaled in frame G to permit a rocking motion of the connecting-rod and lever  $h$ , which is secured to said bar near the middle of each, and is pivoted at one end  
50 to the handle D. The lever  $h$  is crooked to the left at its junction with rocking bar H to

bring it in position for convenient use. The lid is provided with any usual fastenings, as the hooks  $i$ .

I is a cover for the slot in the top of the lid  
55 E. This cover is fitted to slide across the lid between cleats, which keep it in place, and it fits loosely around the dasher-handle D, moving with it across the box, but allowing the handle to play vertically through it. The lid  
60 is raised by pulling backward on the frame-lever G, taking the dasher up with it. The clothes to be washed being spread in the bottom of the machine, the lid is returned and hooked down. Now, by working the handle  
65 of lever  $h$ , the dasher may be raised and lowered to act as a pounder upon the clothes, and by gradually swinging the frame G, and thus moving the fulcrum of lever  $h$ , the pounding may be done over the whole surface of the  
70 clothes. Then the dasher may be swung to and fro by means of its own handle as a lever, or, more conveniently, by means of said frame G, worked by both hands of the operator; or the force to be applied to the clothes in rub-  
75 bing them may be regulated by one hand upon lever  $h$ , pressing the dasher down or raising it up while the lever-frame G is worked by the other hand. By this means any required  
80 action—such as pounding, rubbing, and squeezing the clothes—may be produced.

J is an opening, through which clothes may be inserted, provided with a sliding cover.

K K are removable stools attached at one side of the body of the machine by means of  
85 loops  $k$  on the stool engaging pins or hooks  $l$  on the machine, and provided at their other sides with hinged folding legs L. These stools are to pile clothes on or to set tubs on, and when not in use may be unhooked from the  
90 machine, folded up, and stowed away on or in the machine. The machine will be provided with the usual outlet at one side for discharging dirty water.

What I claim as my invention, and wish to  
95 secure by Letters Patent, is—

1. The combination, with the box A, having a cylindrical bottom, and lid E, having vertical grooves in its sides, of the dasher B, journaled in said grooves, and provided with the  
100 handle D, the pivoted frame G, and the rock-shaft H, connected to handle D, and provided

with the handle *h*, substantially as described, and for the purpose set forth.

2. The combination, with the box A, having a cylindrical battened bottom, and the hinged  
5 lid E, having vertical grooves in its sides, of the dasher B, provided with uprights C, cross-bar *c*, having trunnions *f* and handle D, the

pivoted frame G, and the rock-shaft H, substantially as shown and described.

LEONARD NEWTON MYERS.

Witnesses:

C. C. SEEBOLD,  
J. P. AURAND.