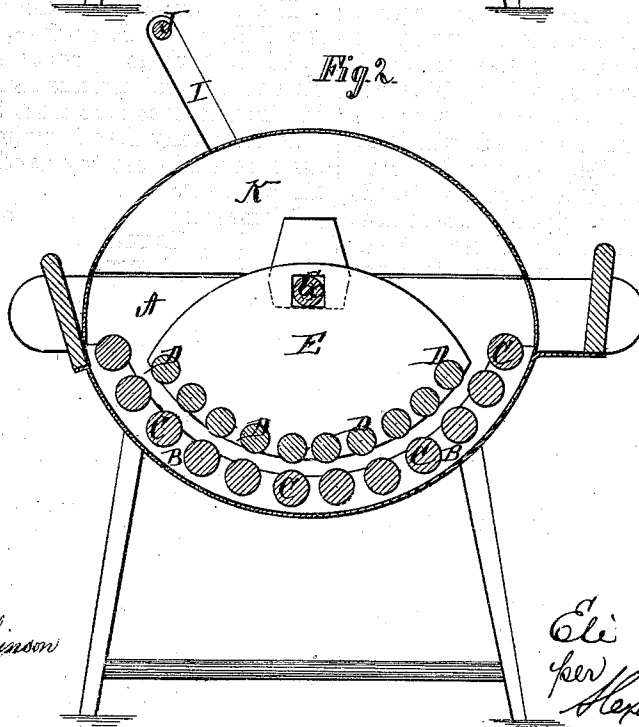
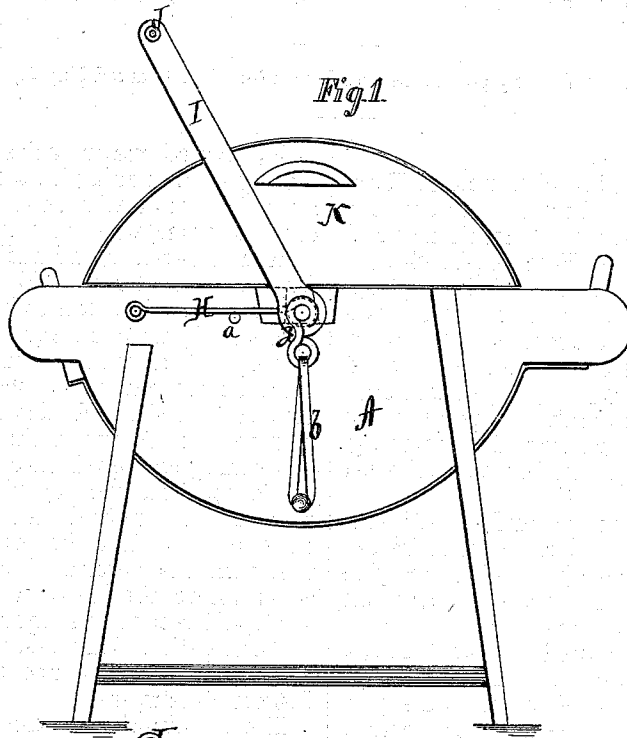


ELI WILLCOX.

Improvement in Washing-Machines.

No. 127,130.

Patented May 21, 1872.



Witnesses:

James C. Hutchinson
A. L. Evers

Inventor.

Eli Willcox
per Alexander Thomson
Attorneys.

UNITED STATES PATENT OFFICE.

ELI WILLCOX, OF HAMBURG, IOWA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 127,130, dated May 21, 1872.

To all whom it may concern:

Be it known that I, ELI WILLCOX, of Hamburg, in the county of Fremont and in the State of Iowa, have invented certain new and useful Improvements in Washing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "washing-machine," as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation; and Fig. 2, a longitudinal vertical section of my machine.

A represents the box of my machine, provided with a curved or semicircular bottom. Along the sides of the box and following the bottom, are placed curved pieces B, in which the journals of a series of rollers, C C, are placed. Upon these rollers the clothes are laid and rubbed by other rollers D D, which are arranged in a corresponding semicircular form, and their journals placed in segmental heads or end pieces E E. Through these heads near the upper edges in the center passes a shaft, G, the ends of which are supported in arms

H H, pivoted one on each side of the box, and resting each upon a pin, *a*, as shown in Fig. 1. Arms I I are attached one to each end of the shaft G, outside of the box A, and their outer ends connected by a handle, J. The rubber formed of the heads E E and rollers D D is held down on the clothes by means of rubber springs *b b*, attached one on each side of the box A, and provided with hooks *d d*, which catch on the ends of the shaft G. The rubber may be turned upside down at one end of the box, so as to be out of the way in putting in and taking out the clothes. K represents the lid of the box, the top of which is made of zinc, or other suitable metal, and extends at the ends down into the box to form a connection with the bottom of the box, leaving no space where the water can splash out while the machine is in operation.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the box A, bars B, rollers C D, heads E, shaft G, arms H I, handle J, lid K, springs *b*, hooks *d*, and pins *a*, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 25th day of March, 1872.

Witnesses:

ELI WILLCOX.

C. L. EVERT,
R. E. RAINE.