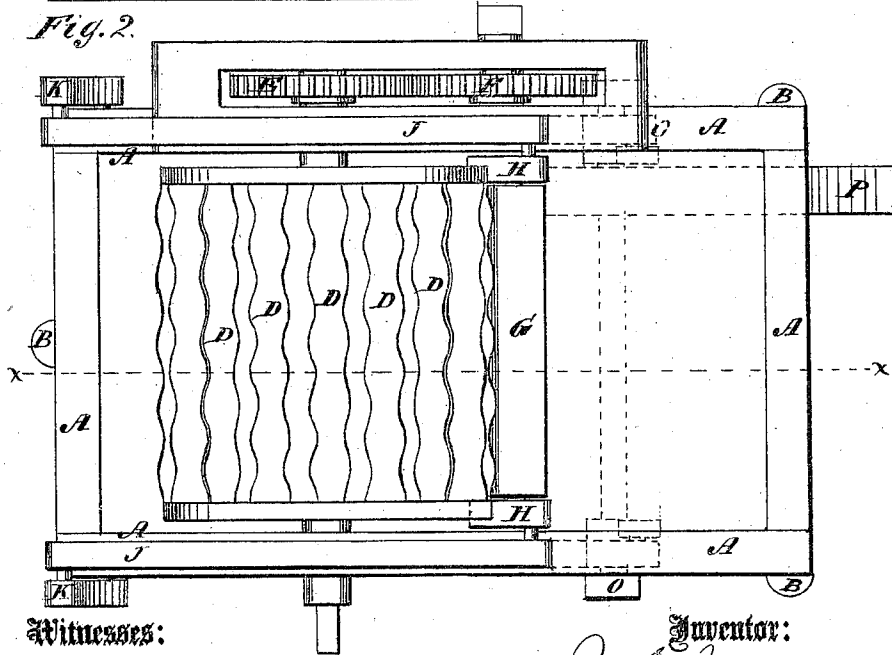
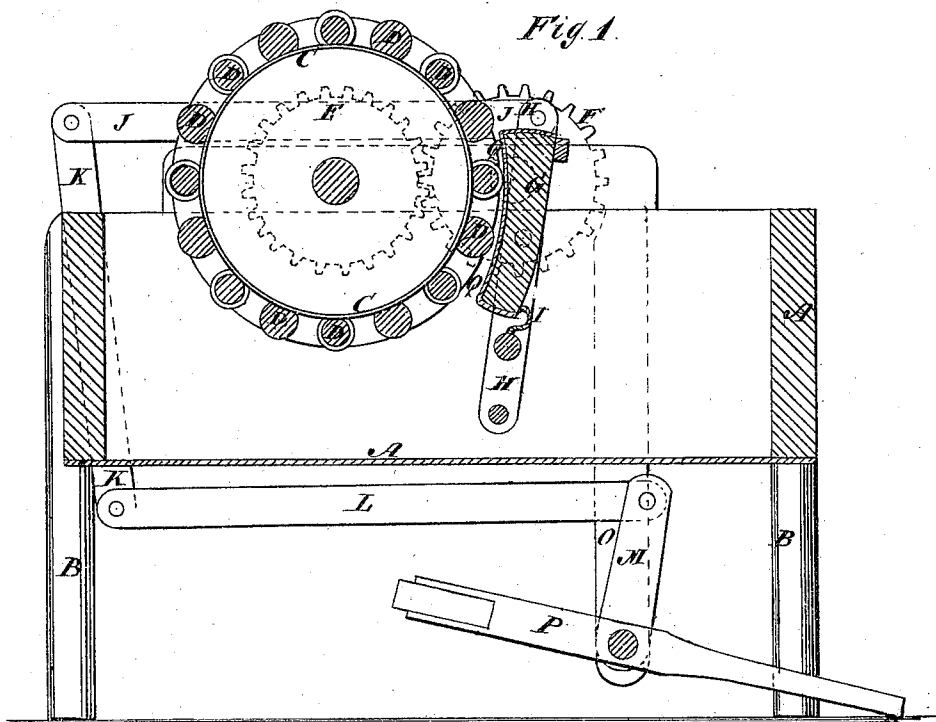


J. H. JENKINS.
 Improvement in Washing-Machines.
 No. 132,009. Patented Oct. 8, 1872.



Witnesses:
E. Hoff
C. Sedgwick

Inventor:
J. H. Jenkins
 PER *Munn & Co.*
 Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH H. JENKINS, OF SMITHVILLE, MISSOURI, ASSIGNOR TO HIMSELF
AND ELIJAH W. JENKINS, OF SAME PLACE.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 132,009, dated October 8, 1872.

To all whom it may concern:

Be it known that I, JOSEPH H. JENKINS, of Smithville, in the county of Clay and State of Missouri, have invented a new and useful Improvement in Washing-Machines, of which the following is a specification:

Figure 1 is a vertical longitudinal section of my improved machine taken through the line *x x*, Fig. 2. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved washing-machine, simple in construction, convenient in use, and effective in operation, washing the most delicate fabrics and the most soiled garments with equal facility; and it consists in the construction and combination of the various parts of the machine, as hereinafter more fully described.

A is the box, which is made rectangular in form, and is supported upon legs B of such a length as to raise the machine to a convenient height. C is a large cylinder, to the face of which are attached, at a little distance from each other, longitudinal ribs D, which are turned into alternate concavities and convexities, and which should be so arranged that the convexities of one rib may be opposite the concavities of the adjacent ribs, so as to more effectively operate upon the clothes and so as to allow buttons to pass the said ribs without being broken off. The journals of the ribbed cylinder revolve in bearings attached to the upper edges of the box A. One of the said journals is squared off to receive a crank, and to its other journal is attached a gear-wheel, E, the teeth of which mesh into the teeth of a gear-wheel, F, which revolves in bearings attached to the box A, and the projecting end of its outer journal is squared off to receive a crank for operating the machine. G is a board, the forward side of which is concaved to correspond with the circumference of the ribbed cylinder C D. The board G, at or a little below the central point of its ends, is pivoted to the bars H, which extend down along the inner surface of the sides of the box A, and are pivoted at their lower ends to said sides. The lower parts of the bars H may be connected by one or more

cross-bars, if desired. The upper edge of the board G is weighted so as to carry said edge away from the cylinder C D when the upper ends of the bars H are moved back. The lower edge of the board G is connected with a cross-bar of the bars H by a cord, I, to prevent the upper edge of said board G from dropping down too far. To the upper ends of the pivoted bars H are pivoted the ends of the connecting-bars J, which extend along the upper edges of the sides of the box A, and the other ends of which are pivoted to the upper ends of the bars or levers K. The levers K are pivoted to the sides of the box A, and to their lower ends are pivoted the ends of the connecting-bars L. The connecting-bars L pass beneath the bottom of the box A, and their other ends are pivoted to the ends of the arms M, the other ends of which are rigidly attached to the shaft N, the ends of which work in bearings in supports O attached to the sides of the box A. To the shaft N is also attached a foot-lever or treadle, P, which is weighted, so as, when left free, to hold the concave board G away from the ribbed cylinder C D.

By this construction the operator, by operating the treadle with his foot, can bring the board G against the ribbed cylinder C D, and hold it there with any desired force.

A flexible pad, Q, of cloth, or other suitable material, may be placed upon the concave board G to form a yielding bed for the clothes while being operated upon by the ribbed cylinder C D.

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

1. The longitudinally-ribbed cylinder C D combined with the end-weighted board G, cord I, and bars H, when arranged in box A to operate together, as and for the purpose described.

2. The combination, with device G H I, of treadle mechanism J K L N P, arranged as and for the purpose described.

JOSEPH H. JENKINS.

Witnesses:

CLAYTON BULLOCK,
E. W. COLLEY.