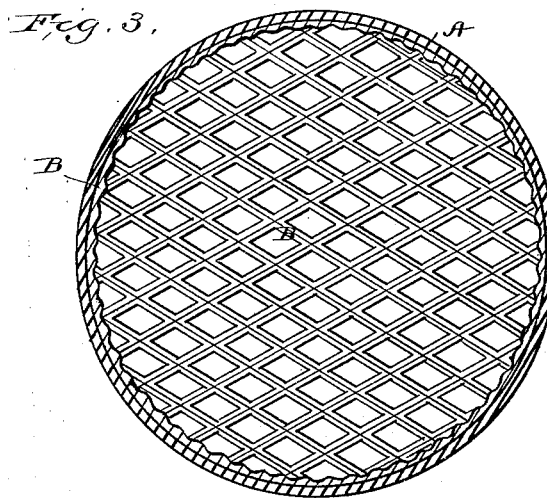
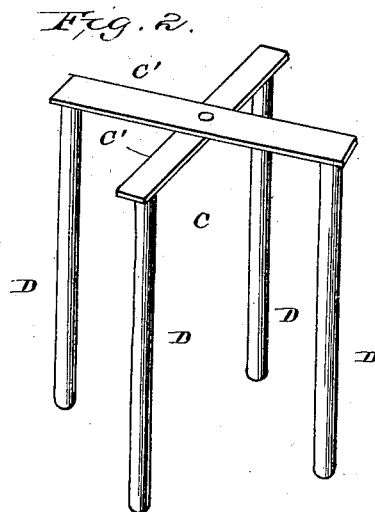
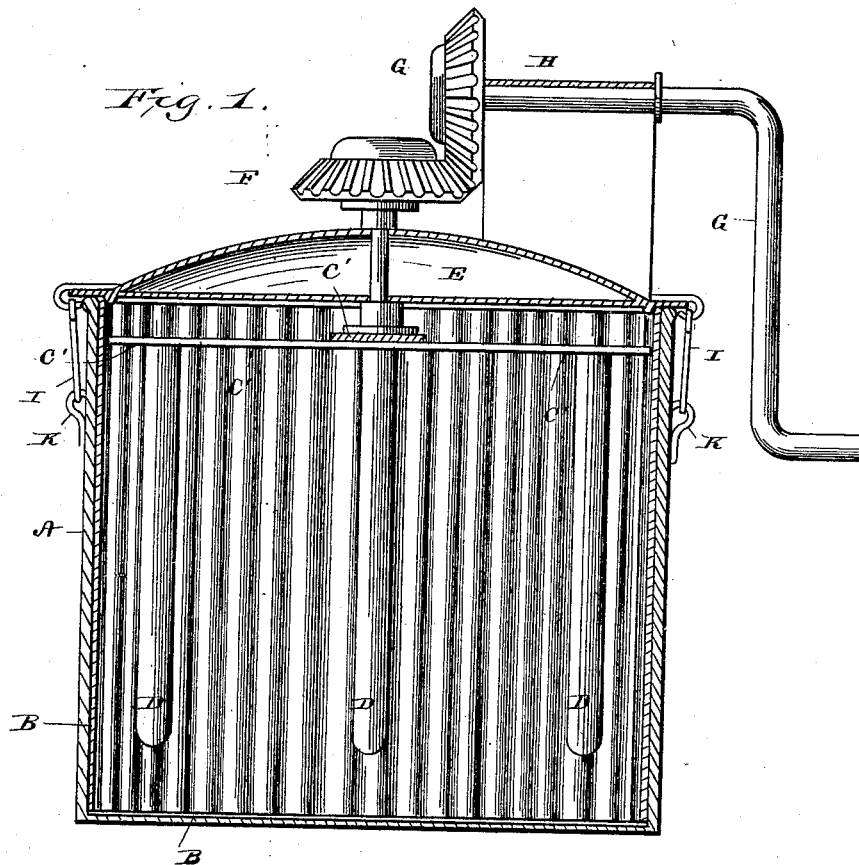


(Model.)

M. SILVEUS.
WASHING MACHINE.

No. 264,781.

Patented Sept. 19, 1882.



Witnesses,
Edwin L. Yerree.
J. J. McCarthy.

Inventor,
Michael Silveus.
By E. M. Alexander Atty.

UNITED STATES PATENT OFFICE.

MICHAEL SILVEUS, OF TAYLORSVILLE, ASSIGNOR OF ONE-HALF TO JAMES CHANDLER, OF CHRISTIAN COUNTY, ILLINOIS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 264,781, dated September 19, 1882.

Application filed April 19, 1882. (Model.)

To all whom it may concern:

Be it known that I, MICHAEL SILVEUS, of Taylorsville, in the county of Christian 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, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in washing-machines; and it has for its object to provide an apparatus whereby the clothes may be subjected to a thorough rubbing and agitation while in the water with convenience and ease and without tearing the said clothes, whereby they are expeditiously cleansed. These objects I attain by the devices and mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a vertical sectional view of my improved machine; Fig. 2, a detached perspective view of the dasher, and Fig. 3 a horizontal section of the tub or vessel forming part of my invention.

The letter A represents a cylindrical or other shaped vessel, constructed of suitable material and of proper capacity. The said vessel is provided with a lining, B, covering the sides and bottom, as indicated in Figs. 1 and 3 of the drawings, the said lining being corrugated vertically on the sides and transversely on the bottom in intersecting lines, as indicated in Fig. 3 of the drawings.

The letter C indicates the dasher, which consists of two flexible crossed arms, C', having

depending agitators D at or near their ends. These arms are rigidly connected by means of a vertical shaft, E, journaled in bearings in the top of the tub or vessel, the upper end of the shaft being provided with a beveled cog-wheel, F, which intermeshes with a cog-wheel, G, on a horizontal crank-shaft, G', journaled in a bearing, H, on the top of the tub or vessel,

The operation of my invention will be readily understood in connection with the above description, and is as follows: The clothes are placed in the tub or vessel with water and a suitable detergent. They are then violently agitated and thoroughly rubbed by rotating the dasher, the crossed arms C' yielding when the clothes become packed at any point, so as to prevent the agitators from injuring the same. The top is secured to the tub or vessel by means of hooks I and eyes K.

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

In combination with the tub or vessel and its corrugated lining, the flexible crossed arms having dependent agitators, the said arms being mounted on a central shaft journaled in the top of the tub or vessel, and the gearing by which the arms and agitators are actuated, substantially as set forth.

In testimony whereof I affix my signature, in presence of two witnesses, this 23d day of March, 1882.

MICHAEL SILVEUS.

Witnesses:

J. C. McBRIDE,
GEO. B. CROOKER.