

M. A. Shepard,

Washing Machine.

No. 106,220.

Patented Aug. 9. 1870.

Fig 2

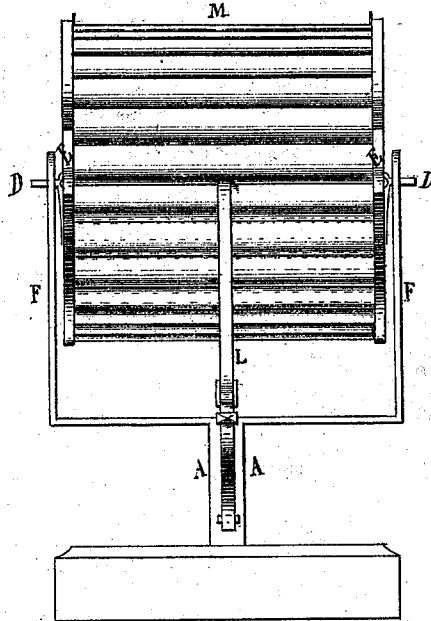
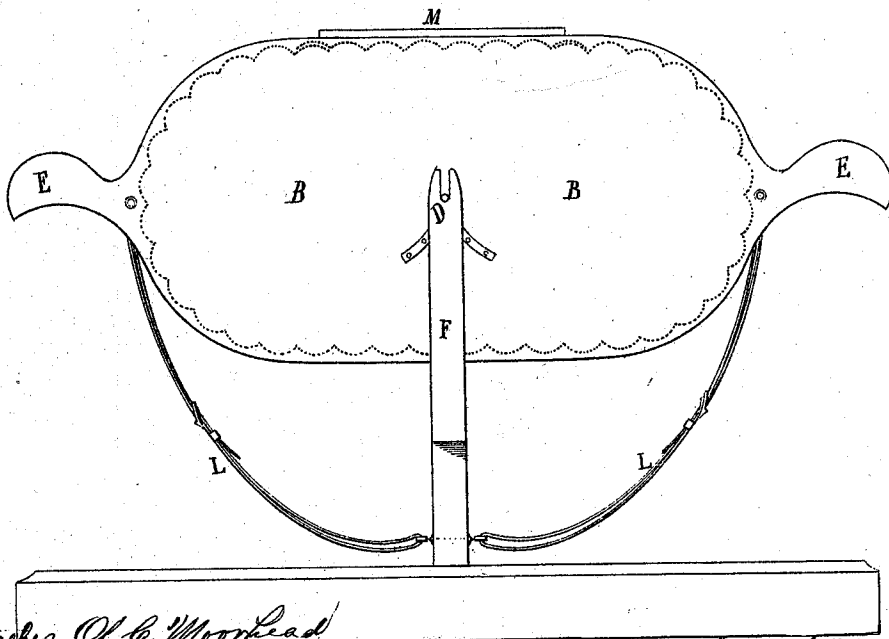


Fig 1



Witnesses O. C. Moorhead

D. M. Strain

Inventor

Merrill A. Shepard

United States Patent Office.

MORRILL A. SHEPARD, OF EVANSVILLE, INDIANA.

Letters Patent No. 106,220, dated August 9, 1870.

IMPROVEMENT IN WASHING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

I, MORRILL A. SHEPARD, of Evansville, in the county of Vanderburg and State of Indiana, have invented certain Improvements in Washing-Machines, of which the following is a specification.

Nature and Object of the Invention.

My invention is simply an oblong vessel made out of zinc or other suitable material, with vertical sides and horizontal bottom and top, with oval ends all corrugated.

The vessel is to be suspended on a staff, on which there are two arms arranged to receive two axles that are fastened to the vessel, in which clothes and water are placed.

Then, by merely tilting the vessel up and down, the clothes will be thoroughly and expeditiously washed.

Description of the Accompanying Drawing.

Figure 1 is a perspective view ready for washing.

Figure 2 is an end view of the machine, showing the staff A, and the arms F F, and strap L.

General Description.

A is a forked staff, which can be of cast-iron or made out of other suitable material. The main stem can be secured to any convenient base, or be put into a hole or mortise, in a suitable base, such as the ground-sill, or through the floor into a sill, or into a portable base.

In the upper ends of each arm, branching out from the main stem, is a U-shaped notch cut to receive two axles that are fastened to the vessel B.

B is an oblong vessel made wholly out of zinc, copper, or other suitable material, or with wooden sides, and zinc or other metal bottom, top, and ends, which are all but the sides corrugated, making a complete wash-board.

The cover M is made the same as the wash-board,

and, when taken off, can be used to rub out the extra dirt in the wristbands, collars of shirts, &c., so as to save the other part of the garments being washed more than necessary.

D D are two axles fastened about the center on each side of the oblong vessel, to support the vessel on the staff A.

E E are two handles fastened to the vessel, by which a person can tilt the vessel B up and down, causing the water and clothes that are in the vessel to move rapidly from one end of the machine to the other over the corrugated surface, and with the sudden and powerful reaction of the water the clothes will be thoroughly cleansed with but a small amount of labor.

The size of the machine for ordinary purposes, when worked by hand, can be about three and a half feet long, fourteen inches deep, and twelve to fourteen inches wide.

If worked by steam or other power, which can be easily done, the size then will depend on the amount of washing that may be required to be done.

L L are two straps, fastened at one end to and near the lower end of the staff A, and the other end to the end of the vessel B, so as to check the vessel B from tilting too far, and by this sudden checking by these straps a powerful reaction of the water is brought about in the vessel, and by the reaction the water is forced through the clothes.

I claim as my invention—

The oblong, oval-ended, and corrugated vessel B, the forked staff A, the arms F F, axles D D, the two handles E E, and the two straps L L, the cover M, all combined as shown, for the purpose hereinbefore set forth.

MORRILL A. SHEPARD.

Witnesses:

OL. C. MOORHEAD,
W. S. SEARS.