

J. MYERS.
Washing-Machine.

No. 165,358.

Patented July 6, 1875.

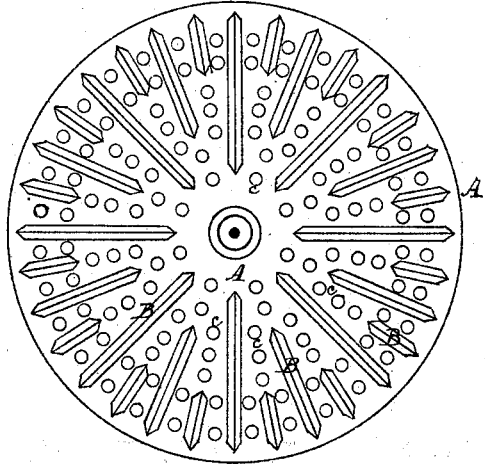


FIG. 1.

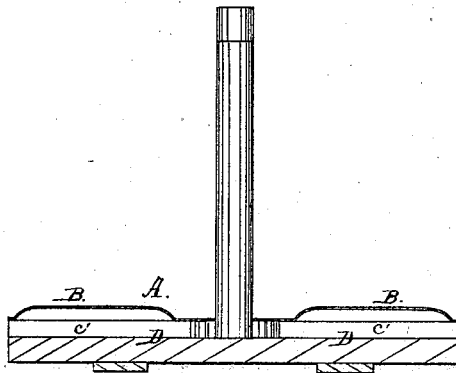


FIG. 2.

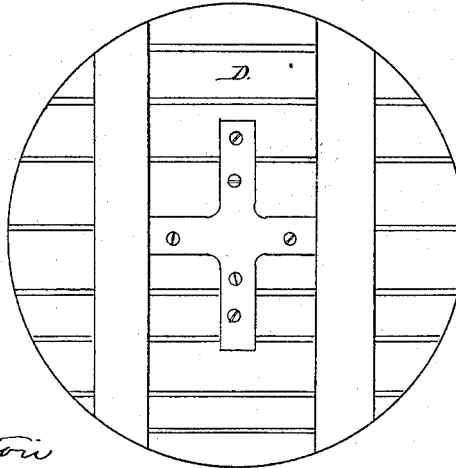


FIG. 3.

Witnesses:
N. G. Munday
C. B. McQuiston

Inventor:
John Myers
by *N. G. Munday & Coverts*
his Atty's

UNITED STATES PATENT OFFICE.

JOHN MYERS, OF FREEPORT, ILLINOIS.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **165,358**, dated July 6, 1875; application filed May 17, 1875.

To all whom it may concern:

Be it known that I, JOHN MYERS, of Freeport, in the county of Stephenson and State of Illinois, have invented certain Improvements in Washing-Machines, of which the following is a specification:

This invention has for its object the providing of a simpler, and consequently cheaper, foundation or base-piece in the class of washing-machines of which the one patented by William R. Walton, July 22, 1873, is an example; and its nature will be fully understood from the subjoined description and the accompanying drawing, in which drawing—

Figure 1 is a top view, Fig. 2 a central vertical section, and Fig. 3 a bottom view of my improved base-piece.

Like letters made use of in said drawing indicate like parts in all the figures in which they are used.

In machines of this class the base-piece is usually made of such size and form as will fit the tub in which it is to be used, and its washing-surface has generally been formed of a series of radial rollers, some long and some short, with stationary raised ribs placed between and filling up the spaces between the rollers. My invention consists partly in substituting for the roller-surface mentioned a metallic plate which shall completely cover the base-piece, and in giving that plate the surface which is more particularly described below. In the drawing, this metallic plate is indicated by the letter A. Soldered on or stamped into this plate are raised ribs B, all radiating from the center of the base-piece, of varying lengths and inverted V shape. The washing surface of the base-piece is thus di-

vided into alternate elevations and depressions, resembling somewhat the corrugated face of the ordinary washboard. It is believed that this form of cover will perform all the functions of the rollers, and the additional one of exerting friction upon the clothes as they are forced along by the follower, and it is obvious that it is much simpler and cheaper in construction.

Another branch of my invention consists in perforating this metallic cover with numerous holes, *c c*, which are located between the ribs, and in cutting away the wooden bottom D of the base-piece under such holes, as shown at *c' c'*. By this means the water is given free circulation through the base-piece, and free exit is provided for the sediment or settleings which naturally seek the bottom of the vessel. Instead of cutting away the bottom D, it may be made in two layers, the upper one being in pieces which shall be so placed that they will come directly under the ribs and not interfere with the passage of the water through the holes *c*.

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

The combination of the metallic cover A, and the wood bottom D, when the former is provided with the raised radial ribs B, and perforated with the openings *c c*, and the latter is cut away under such openings, substantially as specified.

JOHN MYERS.

Witnesses:

W. SCOTT AGNEY,
CHARLES REITZELL.