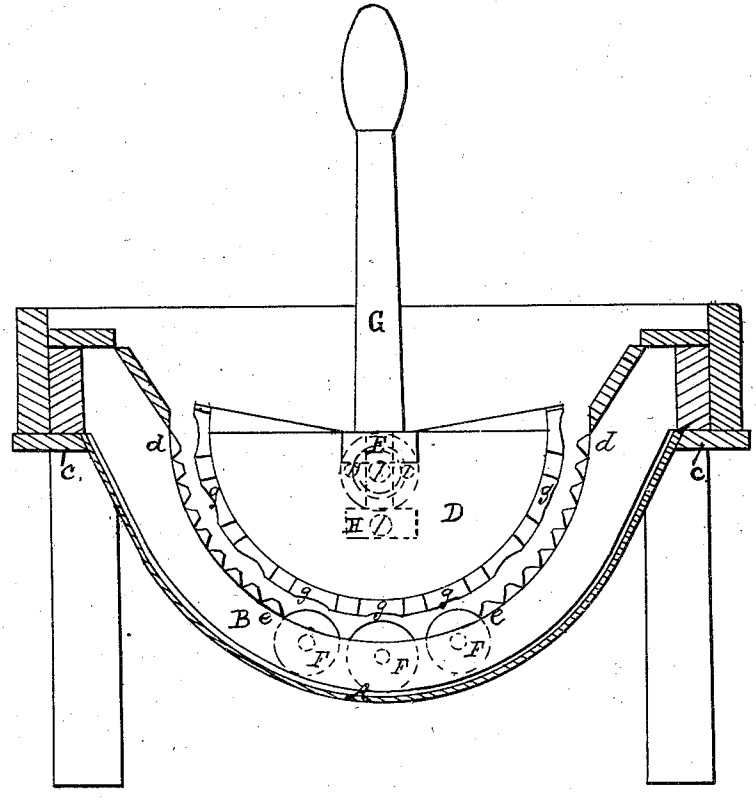
J. Dennis,

Washing Machine,

No. 34,107. Patented Jan. 7, 1862.



Witnesses:

T. H. Alexander.

Charles Alexander.

C. M. Alexander

Inventor:

Jacob Dennis

UNITED STATES PATENT OFFICE.

JACOB DENNIS, OF MARION, IOWA.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. **34,107**, dated January 7, 1862.

To all whom it may concern:

Be it known that I, JACOB DENNIS, of Marion, in the county of Linn and State of Iowa, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a true and accurate description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The drawing annexed represents a vertical section of my machine.

The letter A gives a view of the interior, which is concave and lined with a sheet of zinc. The adjustable bottom B, being convex on the outer side, is made to fit in the frame A, resting on two shoulders *c c* and leaving a space between the concave A and the convex B sufficient to hold the water for washing. The inner or concave sides of the bottom B are connected by transverse slats of triangular form slightly flattened at top, and far enough apart for the free passage of water between them. The slats extend from the points *d d* to the points *e e*, the intermediate space being occupied by the three friction-rollers F F F. The rubber D, which is made with the outer surface convex to fit in the concave of the adjustable bottom B, has its two sides bound together by the transverse slats *g g g*, fluted on the under side. The sides of D are also strengthened by two cross-ties, the upper tie E being flush with the sides of D and the lower tie H midway between the top and bottom. The rubber D is made to play upon pivots in the sides, which are received into grooves cut in the inner sides of the frame A.

The machine is operated by the handle G, placed in an upright position and passing through the center of the cross-ties.

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

The adjustable bottom B and the rubber D, when both are constructed, arranged, and operated in the manner and for the purpose specified.

JACOB DENNIS.

Witnesses:
A. B. DUMONT,
S. H. MEREDITH.