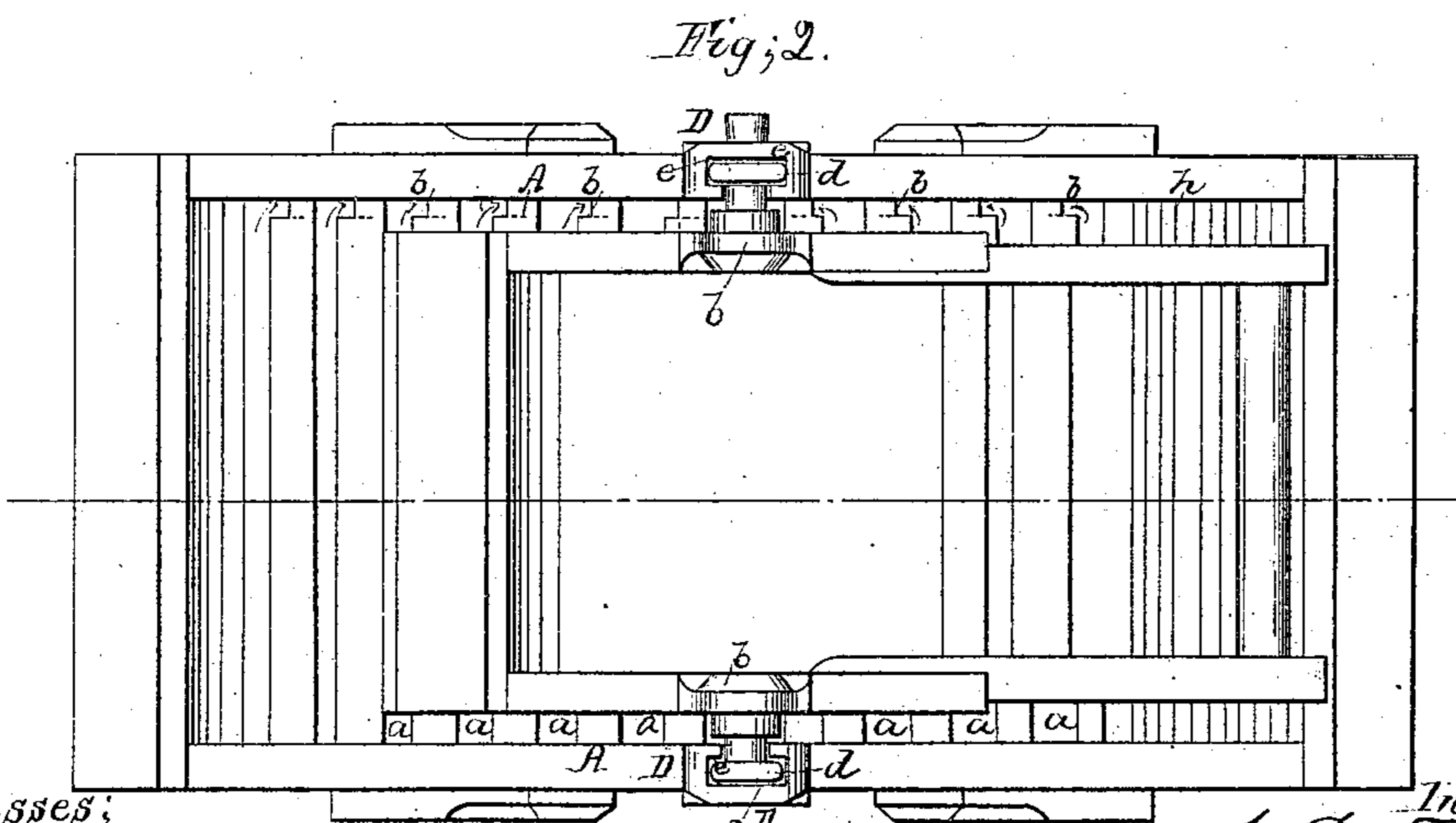
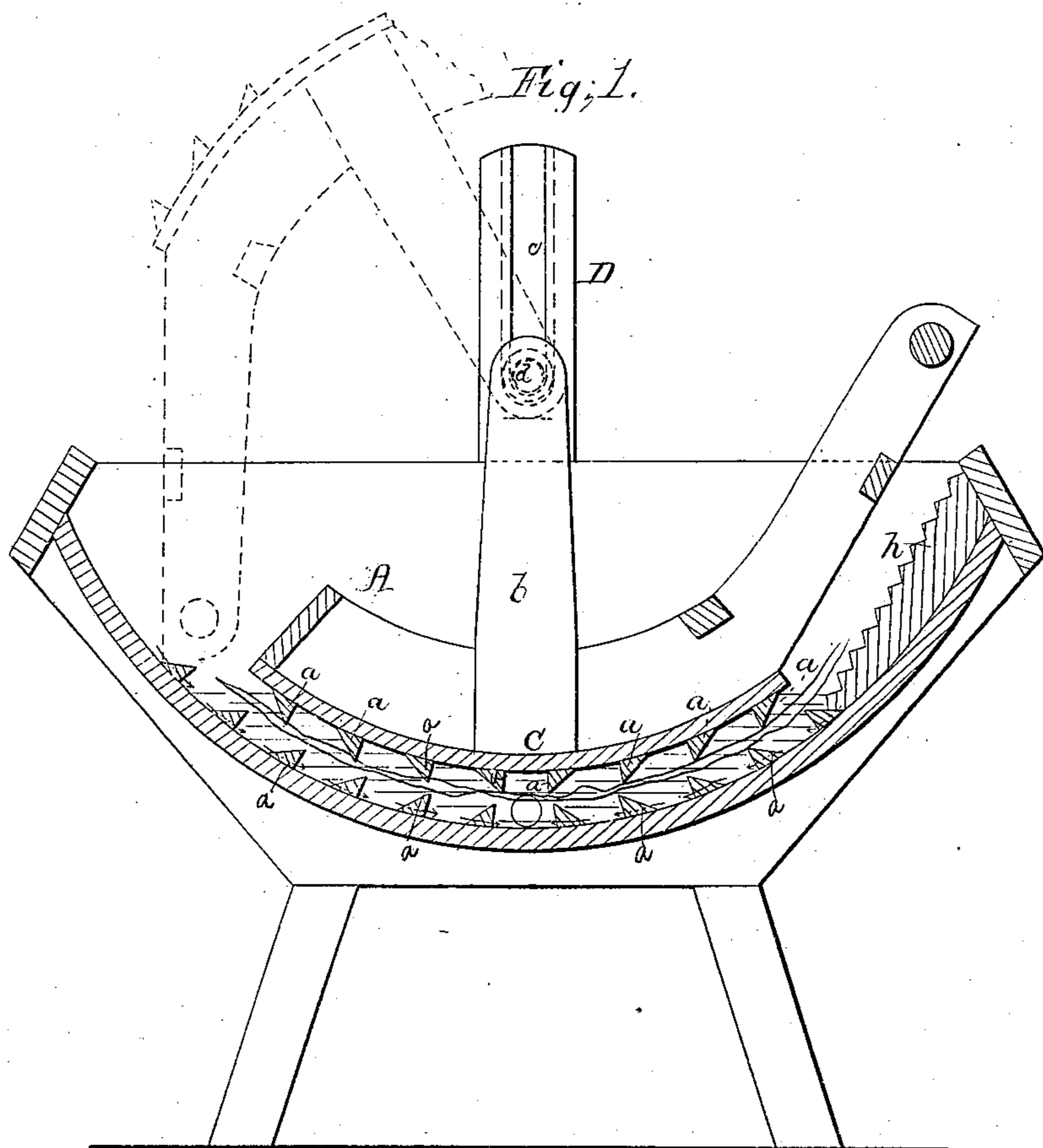


W.C. Taggart,

Washing Machine,

No. 59,477,

Patented Nov. 6, 1866.



Witnesses;
W. B. Langston
Jas. A. Service

Inventor;
W. C. Taggart
Per Wm. L. Chittenden

UNITED STATES PATENT OFFICE.

W. C. TAGGART, OF FAYETTEVILLE, NEW YORK.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 59,477, dated November 6, 1866.

To all whom it may concern:

Be it known that I, W. C. TAGGART, of Fayetteville, in the county of Onondaga and State of New York, have invented a new and Improved Washing-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a longitudinal vertical section of my machine, taken in the plane of the line *xx*, Fig. 2. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate like parts.

My invention consists in suspending the rubbing-board on capped pivots, which work in double grooves made in suitable standards attached to the tub or body of the machine, whereby the rubbing-board is allowed to move freely up and down to adjust itself to the quantity of clothes being washed. It also consists in the employment of beveled ribs for the rubbing-concave and rubbing-board, said ribs being placed at such a distance from each other as to allow the water and clothes to settle between them and create in the operation of washing a rapid motion of the water in opposite directions, the said ribs inclining each way from the center of the tub, the same being the case with the rubbing-board, so that when the rubber is moved forward the ribs in the one end of the rubbing-board dash the water against those at the other end of the tub, whereby a good effect upon the clothes being washed is produced.

A designates the tub, or body of the machine, whose bottom is made concave. Upon the said bottom ribs *a a* are secured. They are all beveled on one side, and this beveled side is placed toward the respective ends of the machine, commencing at the center thereof, as clearly shown in Fig. 1. A groove, *b*, is cut through each one, in order to let the water which may rest in the spaces between

the ribs escape down to the lowest part of the tub, where it can be drawn off in the usual way.

A hand rubbing-board, *h*, is provided at the front end of the machine, for rubbing parts of the clothes not reached by the rubbing-board of the machine.

C is the rubbing-board. Its face is provided with ribs *a*, similar to those on the rubbing-concave, and arranged in a similar manner—that is, the bevel of the several ribs is toward the ends of the rubbing-board, commencing at the center and going both ways. To this rubbing-board C, at each side thereof, there is secured an arm, *b*, which carries on its ends a capped pivot, *d*, so called, which is a pivot or journal having a head on its outer end. This is secured to the outer face of the said arms *b*. This capped pivot works in a double groove, *c*, cut in the inner face of two standards, D, rising from opposite sides of the machine. The grooves extend far enough down to allow the rubbing-board to rest upon the rubbing-concave.

It will be readily seen, from the above description, that the rubbing-board is allowed to rise and fall freely to adjust itself to the quantity of clothes being washed, and, as has been explained in the object of my invention, by my peculiar construction and arrangement of the ribs, which latter in practice would be about two inches apart, the water is dashed from side to side of the machine, so as to have a better effect upon the clothes being washed.

What I claim as new, and desire to secure by Letters Patent, is—

The grooved beveled ribs *a a*, in combination with the bottom of the tub A and face of the rubbing-board C, the beveled side being placed toward the respective ends of the machine, and operating substantially as described, for the purpose specified.

WM. C. TAGGART.

Witnesses:

EDWIN APPLGATE,
HIRAM E. FULMER.