

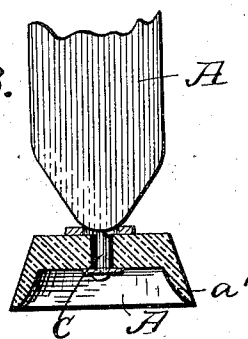
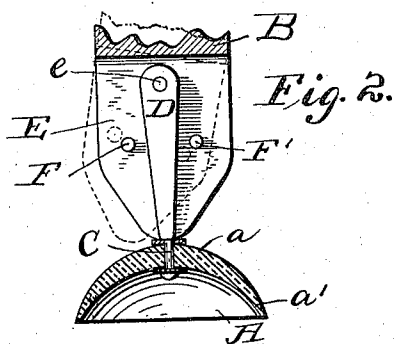
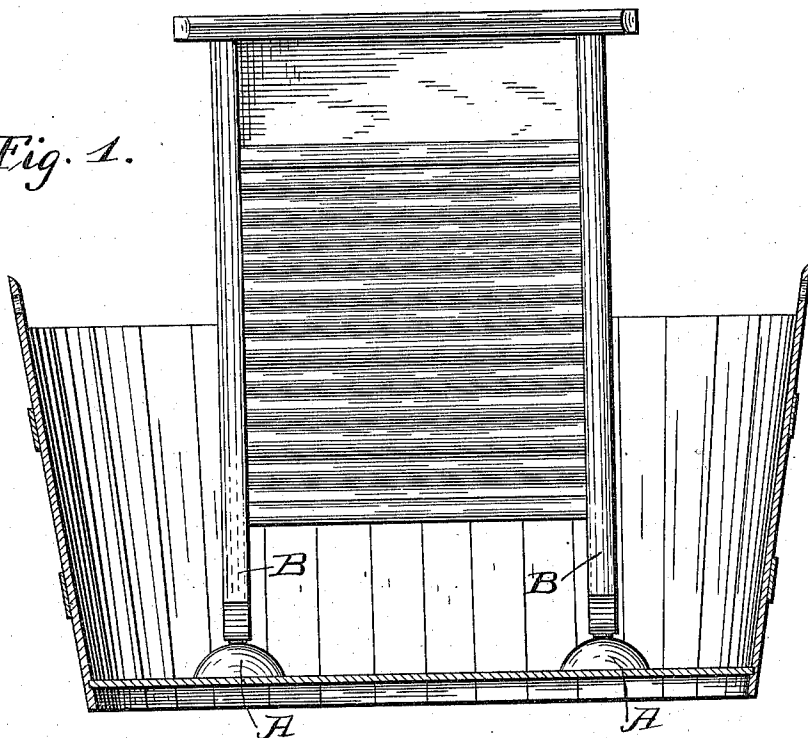
(No Model.)

J. O. REED.
WASHBOARD.

No. 575,274.

Patented Jan. 12, 1897.

Fig. 1.



Witnesses;

Joseph O. Reed.
Chas. W. Parker,

By

Inventor;
Joseph O. Reed.
R. S. Bacon
Att'y.

UNITED STATES PATENT OFFICE.

JOSEPH O. REED, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF FORTY-NINE ONE-HUNDREDTHS TO ALFRED A. SMITH, OF SAME PLACE.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 575,274, dated January 12, 1897.

Application filed April 8, 1896. Serial No. 586,748. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH O. REED, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Washboards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in washboards; and it consists in the construction and arrangement of parts hereinafter described, and definitely pointed out in the claims.

The aim and purpose of the invention is the provision of means applied to the legs of a washboard whereby the board is held from moving up and down while being used and so held without the necessity of socket clips or clamps secured to the tub, but solely by the devices carried by and forming a part of the board.

The objects are attained by the construction illustrated in the accompanying drawings, wherein like letters of reference designate corresponding parts in the several views, and in which—

Figure 1 is an elevation of the board in position in a tub, the latter being shown in section. Fig. 2 is an enlarged sectional view of the lower end of one of the legs of the board, showing the attachment; and Fig. 3 is a detail section of a modified form of fastener.

In the present form of my invention I have shown a convenient form of device by which the objects desired are attained, which device consists of "suckers" A, of rubber or any suitable material, secured to the lower ends of the legs. These suckers are formed with a strengthened or thick crown *a* and tapered edges *a'*, and they are secured to the legs B by a screw C, passing centrally there-through, a washer being interposed. The upper end of the screw takes into or is connected in any suitable manner to the shank D, which is flat and has an eye in its upper end. The shank is located in the kerf or groove E in the lower end of the leg, and

is held therein by a pin *e* passing through the eye of the shank. The lower ends of the legs are rounded, so that as the board is reversed they will assume the proper angle to the top of the sucker, the point of pivotal movement being at the eye of the shank. To prevent the overmovement of the shank, pins F F' are passed through the legs at points below and on opposite sides of the pivot-pin and across the kerf. By this means the shank engages the pins F F', and is thereby limited in its movement, while the suckers maintain their hold on the bottom of the tub.

In adjusting the board the suckers are pressed down by pressing down on the board, the tapered edges being forced out as they engage the bottom of the tub, and the suction thereby formed. The enlarged or thickened crowns of the suckers sufficiently resist the down pressure until the sucker is fixed, and upon each down movement of the board the tendency is to reseal that much of the sucker which has been lifted by the up movement on the face of the board.

In Fig. 3 I have shown a flat-faced sucker reinforced by a metal plate G, so that the edges will be forced out by the direct pressure in a manner similar to the enlarged or thickened form of sucker shown in Fig. 2.

While I have shown a sucker for the securing means, yet I believe I am the first to ever apply holding means to a board which did not require a fixture attached to the tub to cooperate therewith.

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

1. A washboard having suckers secured on the ends of the legs thereof, substantially as described.

2. A washboard having suckers pivotally secured on the ends of the legs thereof, substantially as described.

3. A washboard, having legs, suckers at the ends of the legs, and a connection between the suckers and legs comprising shanks pivotally connected with the legs, and connected to the suckers, substantially as described.

4. The combination with the washboard

and its legs, of suckers having strengthened upper portions, and means for connecting the suckers to the lower edges of the legs, substantially as described.

- 5 5. The combination with a washboard, of suckers thereon for securing the board in any desired position in the tub.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH O. REED.

Witnesses:

JOS. H. MILANS,

L. S. BACON.