

No. 694,790.

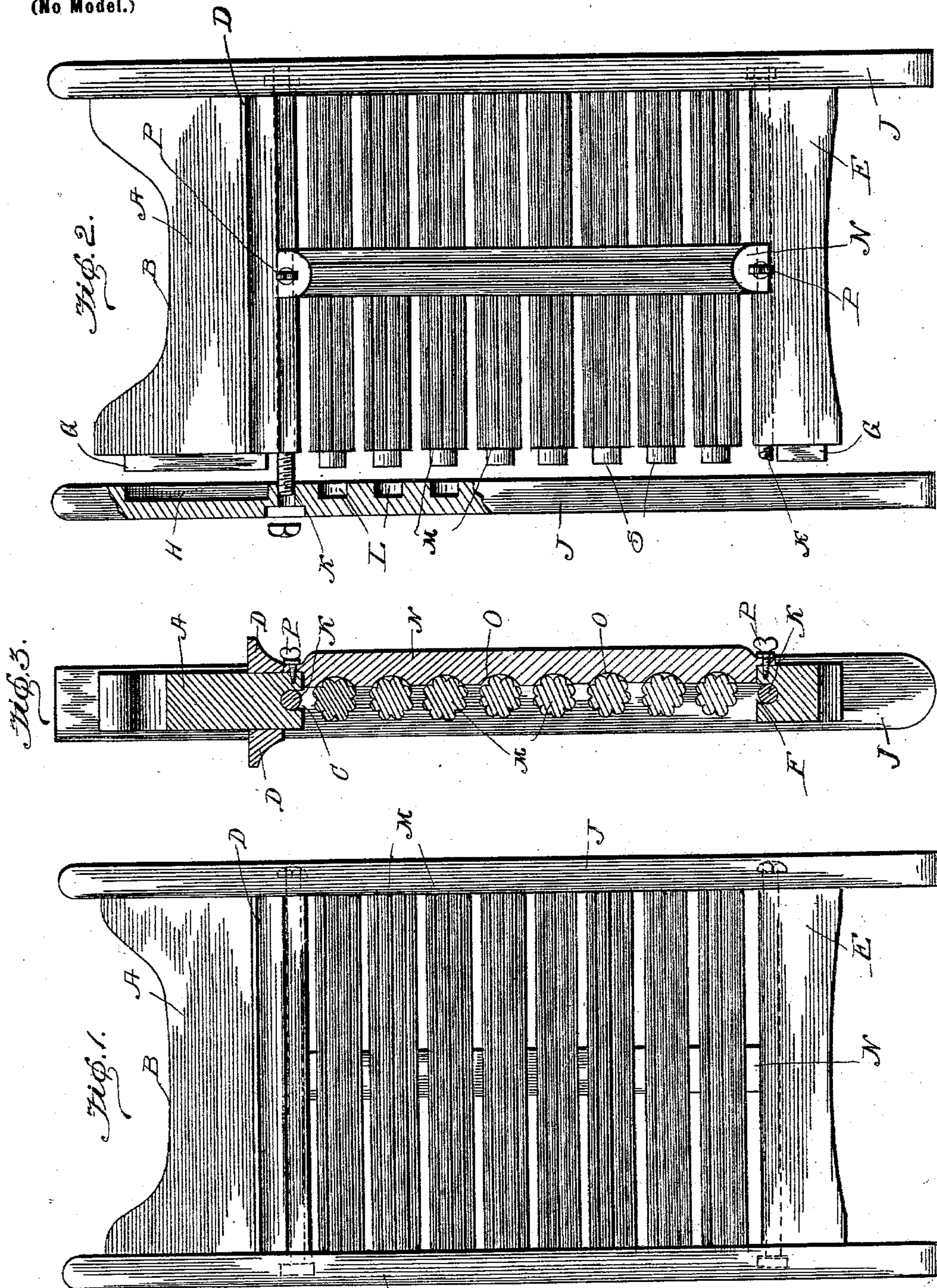
Patented Mar. 4, 1902.

J. A. RUSSELL.

WASHBOARD.

(Application filed June 15, 1901.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN ANDREW RUSSELL, OF KEYWEST, FLORIDA.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 694,790, dated March 4, 1902.

Application filed June 15, 1901. Serial No. 64,706. (No model.)

To all whom it may concern:

Be it known that I, JOHN ANDREW RUSSELL, a citizen of the United States, residing at Keywest, in the county of Monroe and State of Florida, have invented certain new and useful Improvements in Washboards, of which the following is a specification.

My invention relates to improvements in washboards; and the main object of my invention is the provision of a washboard which can be readily taken apart or put together and which is further provided with a revolving washing-surface, which can be made stationary by means of a strip to save the wear and tear upon the rollers and to allow the use of a number of washing-surfaces.

To attain the desired objects, my invention consists of a washboard embodying novel features of construction and combination of parts, substantially as disclosed herein.

In the drawings, Figure 1 is a front elevation of a washboard constructed in accordance with my invention. Fig. 2 is a rear elevation thereof with one of the sides removed slightly to show the detachability of the parts thereof. Fig. 3 is a vertical central sectional view of the board.

Referring to the drawings, A designates the top piece, provided with the upper inwardly-curved edge B and the groove C in the lower edge thereof. Connected upon opposite sides of this top piece are the soap-holding strips D. The board is further provided with the lower piece E, having the groove F upon the upper edge thereof, both of these pieces being provided with the tenons G, which are adapted to fit in the mortises H, provided in the side pieces or strips J, these strips being further held tightly in place by means of the tie rods or bolts K, which pass through the grooves of the top and bottom pieces and are tightened by nuts on the outside of the side pieces. Upon the inner side of the side pieces are provided the series of circular openings or bearings L, in which are journaled the reduced ends of the corrugated or serrated rollers M. The rollers are provided with a series of pairs of corrugations in order that in this case, where four pairs of corrugations are

formed on each roller, the rollers when made stationary will present one pair, thus enabling four surfaces for rubbing to be present and worn out, one pair at a time, before the rollers are worthless. These rollers present a rough rubbing-surface for the board and may revolve to more thoroughly cleanse the clothes; but in order to get a rigid washing-surface I employ the brake-strip N, which is provided with the curved recesses O upon the under side thereof, said recesses being adapted to engage the surfaces of the rollers and act as a brake thereon. This brake-strip is adjustably secured to the center of the top and bottom pieces upon the rear surfaces thereof by means of the thumb-screws P, which pass through the ends thereof and enter the top and bottom pieces.

From the foregoing description, taken in connection with the drawings, it is evident that I provide a washboard which is adapted to have a revolving rubbing-surface or a stationary surface. The board when being used with the stationary surface in case of wear and tear upon the rollers is so constructed that they can be revolved sufficiently to present a new rubbing-surface, and thereby increase the life of the board.

I claim—

In a washboard, the top, bottom and side pieces connected together, said side pieces being provided with a series of alining bearings upon their adjacent inner sides, a series of rollers provided with corrugations having their ends journaled in said bearings of the sides, and a brake-strip provided with recesses upon one side, adjustably secured centrally to the rear of the top and bottom pieces and parallel with the side pieces so that its recesses will straddle the rollers and hold them in a stationary position when the brake-strip is clamped upon the rollers.

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

JOHN ANDREW RUSSELL.

Witnesses:

J. VINING HARRIS,
E. A. SNIDER.