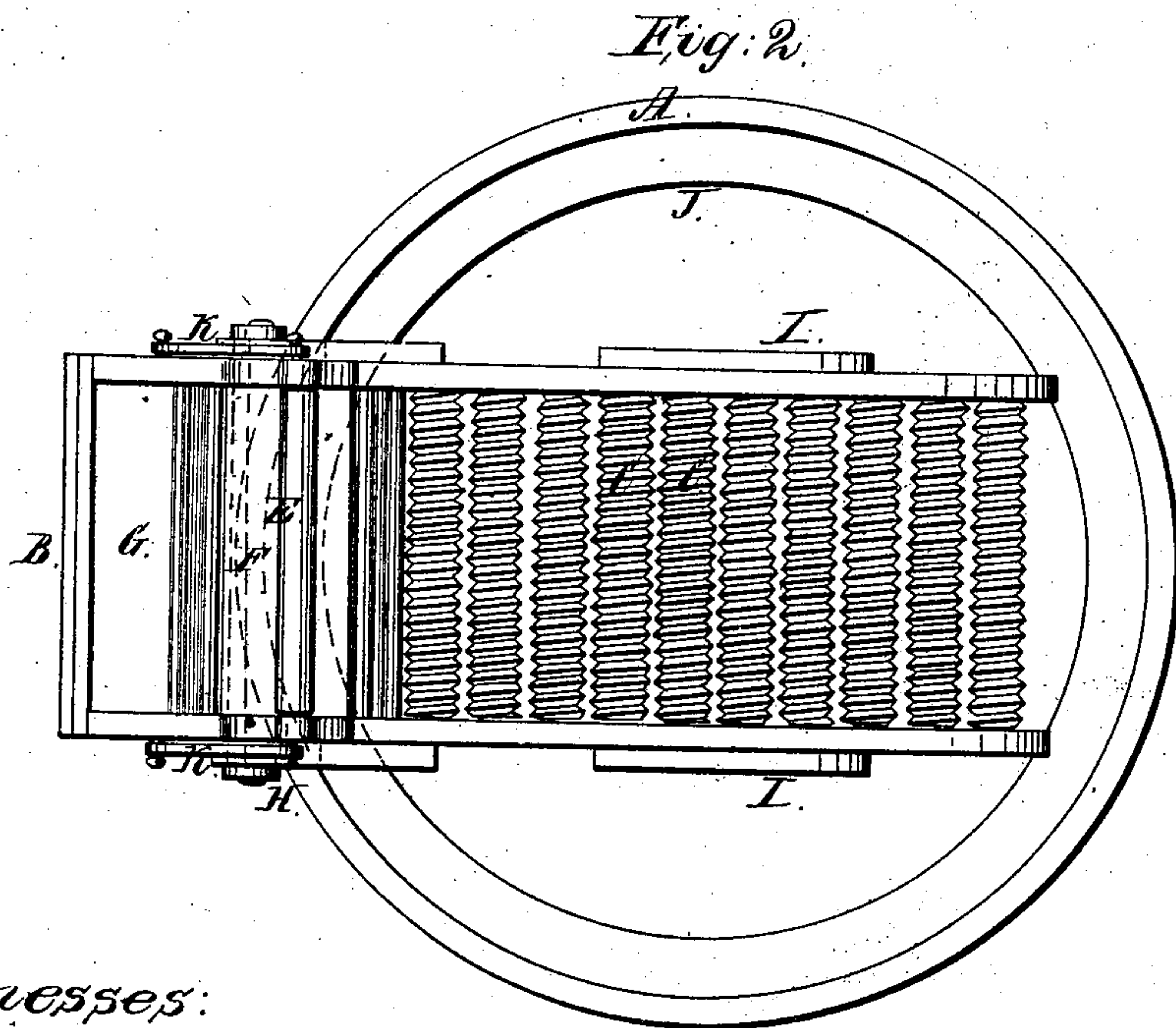
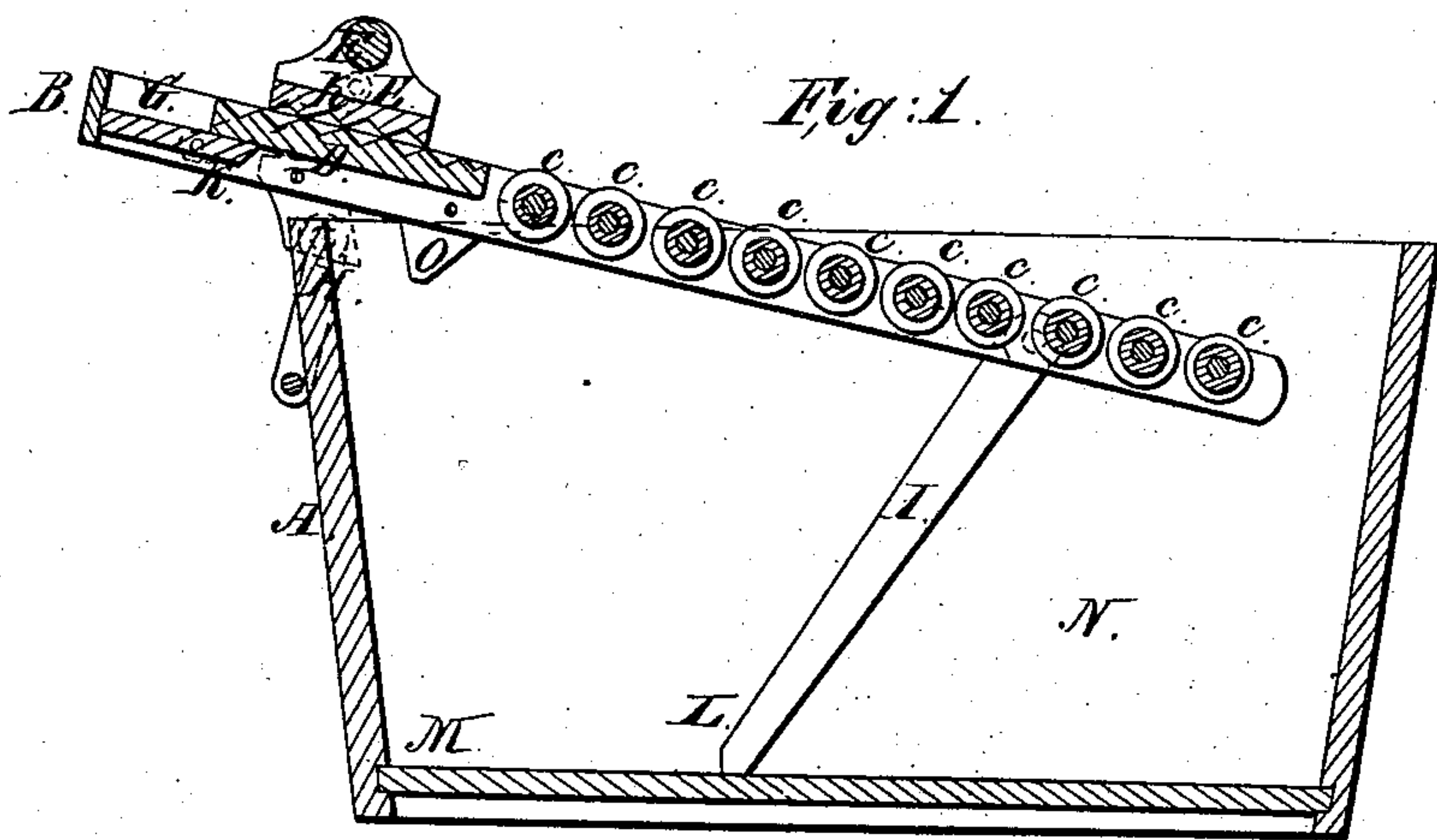


No. 79,367.

PATENTED JUNE 30, 1868.

R. M. MANSUR.
WASHBOARD.



Witnesses:

Wm. E. H. Mayhew

Inventor:

R. M. Mansur

United States Patent Office.

R. M. MANSUR, OF AUGUSTA, MAINE.

Letters Patent No. 79,367, dated June 30, 1868.

IMPROVED WASH-BOARD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, R. M. MANSUR, of Augusta, in the county of Kennebec, and State of Maine, have invented a new and useful Improvement in Wash-Boards and Washing-Machines; and I do declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 a similar view of the same.

In fig. 1, A represents a common wash-tub; B, a wash-board, in the lower part of which are rolls, *c c c*, above which is a common creased wash-board, D, with a similar rubber-board, F, operated by the handle E, it being attached to the wash-board by elastic rubber straps K. G is a recess in the wash-board, for holding the rubber when not in use. O is a fastening, operated by cams H, to hold or fasten it to the tub. I is a brace, for holding up the lower end of the wash-board, the lower end of which, when in use, should rest in the inside corner of the tub at M, bringing the lower end of the wash-board about at N.

In fig. 2, A represents the upper edge of the wash-tub; J, the lower inner edge; *c c c*, the creased pivoted rolls; I I, the braces for holding up the lower end of the wash-board; F, the rubber-board; E, the handle of the same; K K, the rubber straps holding it to the rubber-board; G, the recess for placing the same in when not in use.

The operation is: The wash-board B is placed in a common wash-tub, or in a box tub made for the purpose, and fastened, to keep it steady, to the side of the tub A, by cams or thumb-screws, the lower end of which is kept up by the lower end of the braces, I, coming in or near the corner of the tub at M, for the purpose of giving more room for the clothes in the tub, or it can be used as a common wash-board, the sides extending farther down and resting in the opposite corner of the tub. These rolls being creased, serve to squeeze or press the dirt out much more readily, and with much less wear than on a common grooved board. The grooved part of the wash-board D is for the purpose, if needed, of rubbing very dirty collars or wristbands or hard spots in clothes. The rubber-board F, extending across the wash-board, is for holding the clothes, instead of the hands, covering a much larger space than the hands, thereby enabling a person to wash much faster, and not having to put the hands in the suds, much hotter water can be used, which also tends to take the dirt out much quicker and easier. The elastic rubber bands tend to draw the rubber-board back after it has been pushed down over the rolls *c c c*, the clothes to be washed being between the rubber and rolls. These elastic straps can be used or not, as preferred, they being readily taken off by slipping the rings back near the pins holding them to the board and rubber. The fastenings of the board to the tub may be made of wood, or malleable castings. The rolls, *c c c*, should be made of good hard wood, about one inch and a quarter in diameter, being cut in the form of a wood-screw, cut right and left, one of each kind being put in alternately.

A cheap wringer may be attached to the upper part of the wash-board, if desired, at the recess G.

I disclaim the described rolls, creased rubber-boards, the rubber and its elastic strap, and the principle of fastening the wash-board to the tub, but

What I claim, and wish to obtain Letters Patent for, is—

The combination, with the wash-board B, constructed as described, of the pivoted props I, the projections O, and cam H, arranged and adapted to operate as herein represented and described, and for the purpose specified.

R. M. MANSUR.

Witnesses:

E. D. MAYHEW,

J. FRANKLIN REIGART.