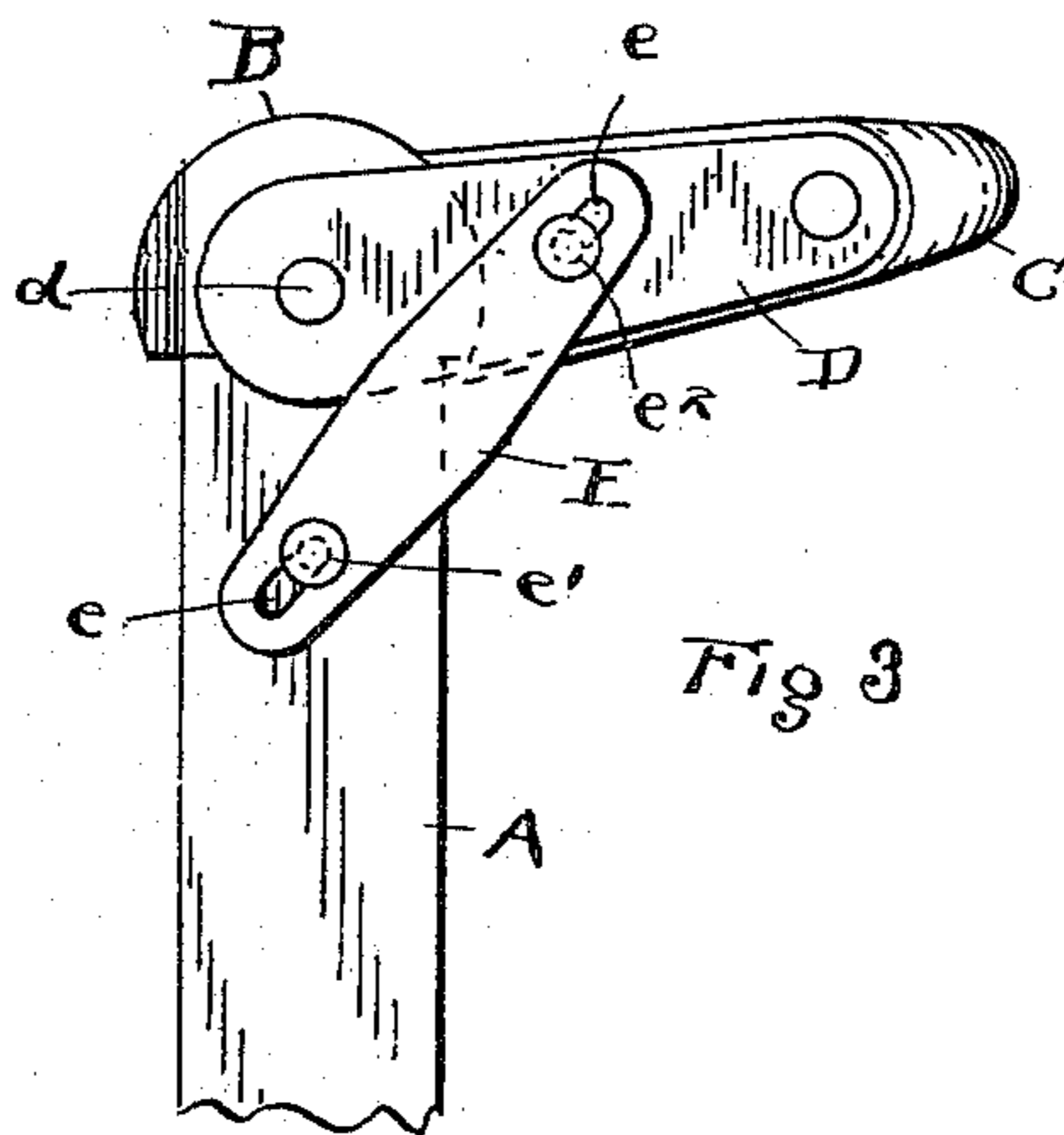
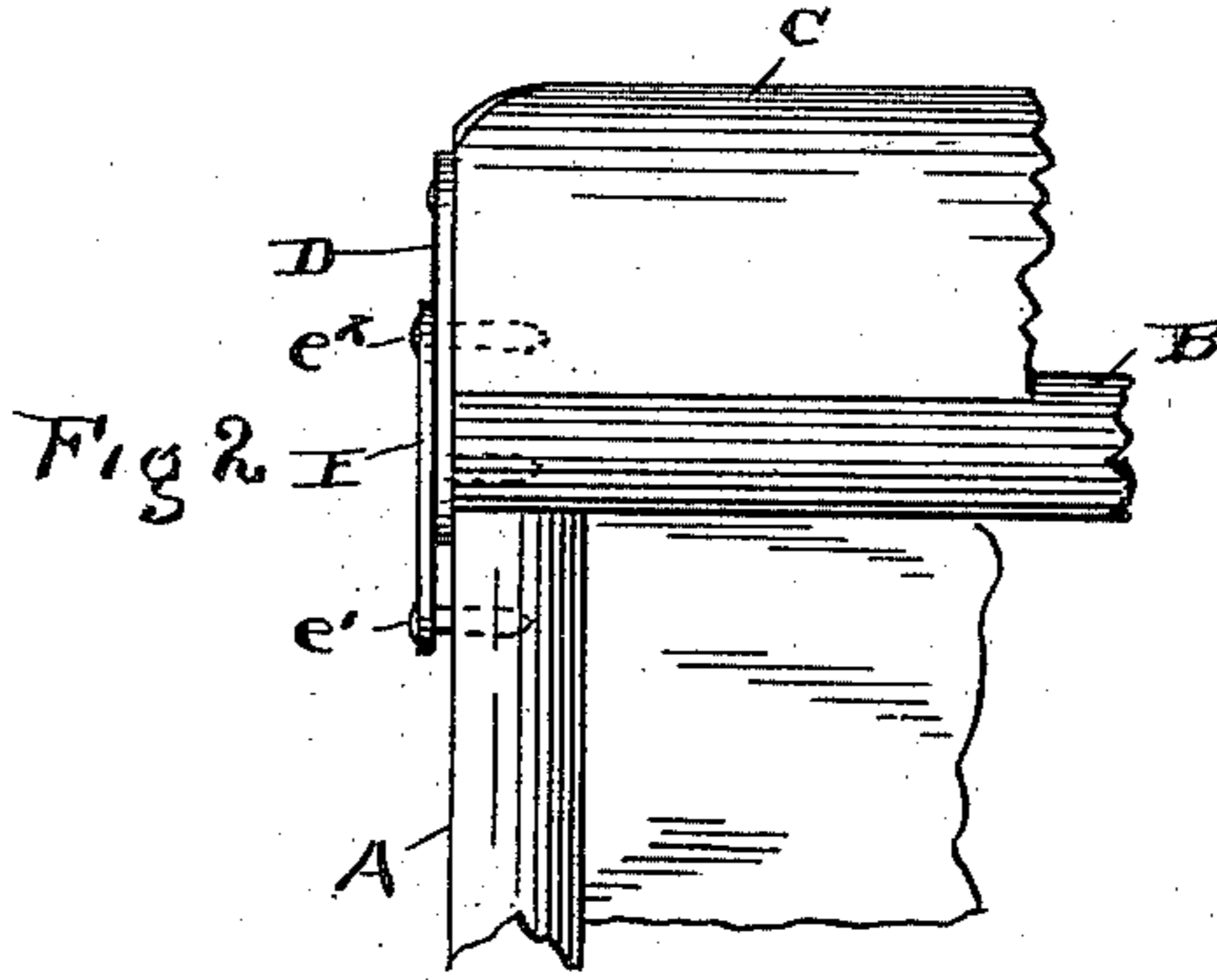
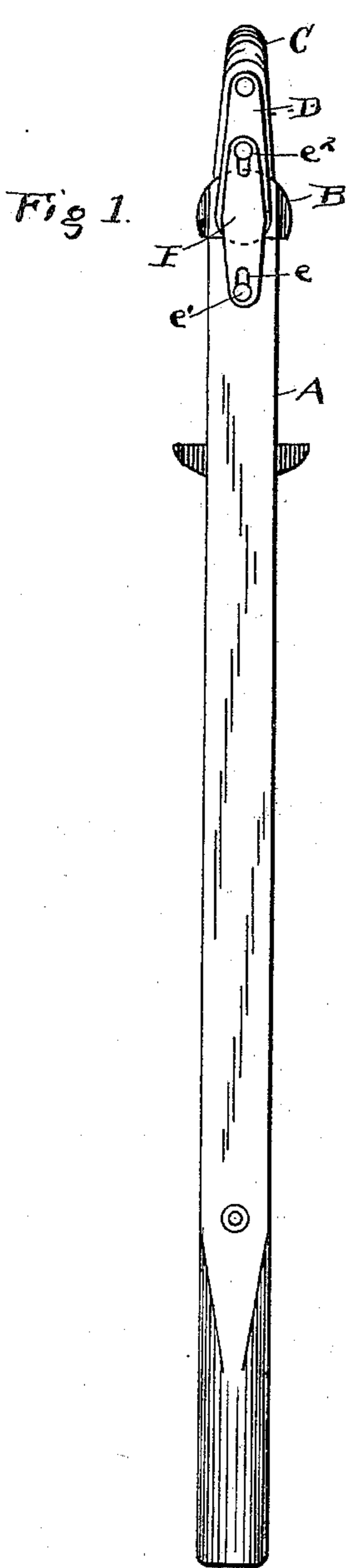


(No Model.)

O. T. & J. H. LAPHAM.
WASH BOARD.

No. 488,209.

Patented Dec. 20, 1892.



ATTEST

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OWEN T. LAPHAM AND JOSEPH H. LAPHAM, OF CLEVELAND, OHIO.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 488,209, dated December 20, 1892.

Application filed July 12, 1892. Serial No. 439,779. (No model.)

To all whom it may concern:

Be it known that we, OWEN T. LAPHAM and JOSEPH H. LAPHAM, citizens of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Washboards; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to wash-boards, and the invention consists in the construction and operation of parts, substantially as shown and described and particularly pointed out in the claim.

In the accompanying drawings Figure 1, is an edge elevation of a wash-board having our improvement. Fig. 2 is a face view of the upper portion of the board and of a fragment or section at one side thereof. Fig. 3 is an edge view, enlarged of the upper portion of the board with the movable part of the rest in its extreme position on one side.

A represents a side piece of the frame of the board, and B the base or bottom portion of the breast rest.

C is the movable or pivoted part of the breast rest, secured to the base by straps D, which are fixed rigidly on the movable part C, and are pivoted at *d* on the bottom part B.

E is a stop plate, having slots *e* at its ends engaged by pins, or their equivalent, *e'* and *e''*, in the said frame and the said rest respectively. These pins are equi-distant from the pivot *d*, which throws the pivot point midway between them, and serve to limit the movement of the part C as the said part is carried over from one side to the other to working position, as shown in Fig. 3, or to corresponding position on the other side of the board.

As shown in Fig. 3, the pins *e'* and *e''* are the inner extremities of slots *e*, and hence the rest C can go no further down in that direction. Then as the rest is swung into vertical position the said pins come to the other ends of said slots, as shown in Fig. 1, and resume their former position when the rest is swung to its extreme position to the left. (Not shown.)

Fig. 3 shows the position of the rest in use, and when a double faced wash-board is used it may swing to the opposite side in like manner.

In shipping or packing, the part C of the rest is thrown into vertical position as in Fig. 1. If a single slot in stop E were used it could be made in either end of the said plate.

The foregoing construction is especially desirable for its cheapness and efficiency. The straps or plates D and E are both cut out in dies to the desired shape, and are then made to be put into operating position. It is the work of a few moments for a man to drive in the pins or nails which hold the parts together and then the board is ready for use.

Having thus described our invention, what we claim as new and desire to secure by Letters-Patent, is:

A wash-board provided with the breast-rest consisting of part B rounded on its exterior, the part C, the pivot straps D fixed to part C and pivoted in the ends of part B, and the stops E, having slots *e*, and pins *e'* and *e''* securing the ends of the stops E, substantially as described.

OWEN T. LAPHAM.
JOSEPH H. LAPHAM.

Witnesses:

R. B. MOSER,
H. T. FISHER.