

H. H. BELLOWS.

Improvement in Wash-Boards.

No. 115,416.

Patented May 30, 1871.

Fig. 1.

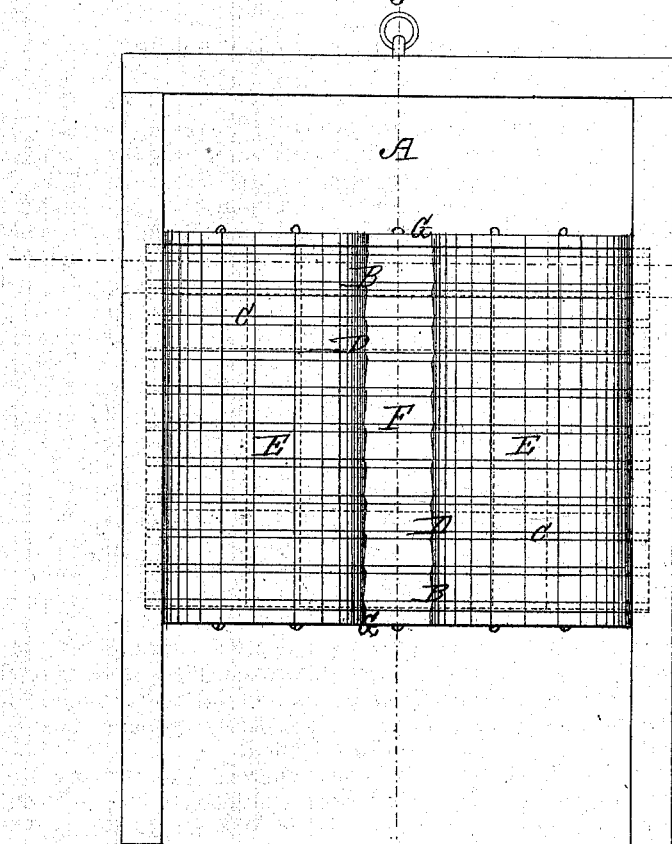


Fig. 2.

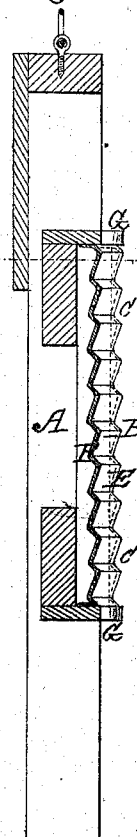
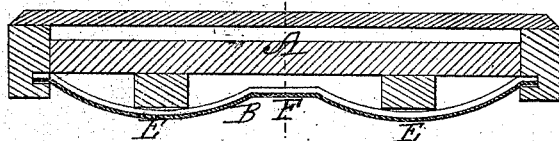


Fig. 3.



Witnesses:

Arthur V. Bell
Henry W. Wiggins

Inventor:

Horace H. Bellows

UNITED STATES PATENT OFFICE.

HARTWELL H. BELLOWS, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. 115,416, dated May 30, 1871.

I, HARTWELL H. BELLOWS, of Brooklyn, Kings county, and State of New York, have invented an Improved Wash-Board, of which the following is a specification:

The nature of my invention consists in corrugating the face of a wash-board longitudinally in such manner that there shall be two convex surfaces with a flat valley between them, the object of this construction of the face of the wash-board being for the purpose of obtaining a more forcible friction of the article being washed by means of convex surfaces, on which the hands of the laundress will naturally rest, while the dirty water and suds, on being expressed from the article being washed, will find its way into the valley or flat recess, be carried off, falling to the bottom of the wash-tub, and not suffered to mingle with the subsequent supply of water taken up with the article on being immersed on the surface of the water in the tub, by means of which a more thorough cleansing of the article being washed is effected in a shorter space of time and with less labor than with wash-boards in ordinary use, as I will further explain by reference to the accompanying drawing, in which—

Figure 1 is a front view of the wash-board; Fig. 2, a longitudinal section; and Fig. 3, a transverse section, showing the raised or convex surfaces and the waste-water valley.

In the said drawing, A indicates the frame

of the wash-board; B, the corrugated face of said wash-board, which may be of zinc, wood, or other appropriate material; C, the transverse corrugations; and D, the longitudinal corrugations, of which E E are the raised or convex surfaces, on which the operator, with both hands, rubs the article being washed. F is the flat valley between the said convex surfaces for carrying off the dirty water and suds expressed from the washing; and G G are face-boards for preventing contact of the article being washed or the fingers of the operator with the edges of the ends of the wash-board.

I do not claim constructing the face of a wash-board with laterally-depressed and centrally-raised corrugations, for such are not new. Nor do I claim a wash-board with double corrugations crossing each other; but

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

The arrangement, in combination, of the single lateral convex surfaces E E, central depression F in the middle, and the plane faces G G at the ends of the wash-board face B, for the purpose specified.

In testimony whereof I have hereunto set my signature this 26th day of April, 1871.

HARTWELL H. BELLOWS.

Witnesses:

ARTHUR NEILL,
HENRY W. WIGGINS.