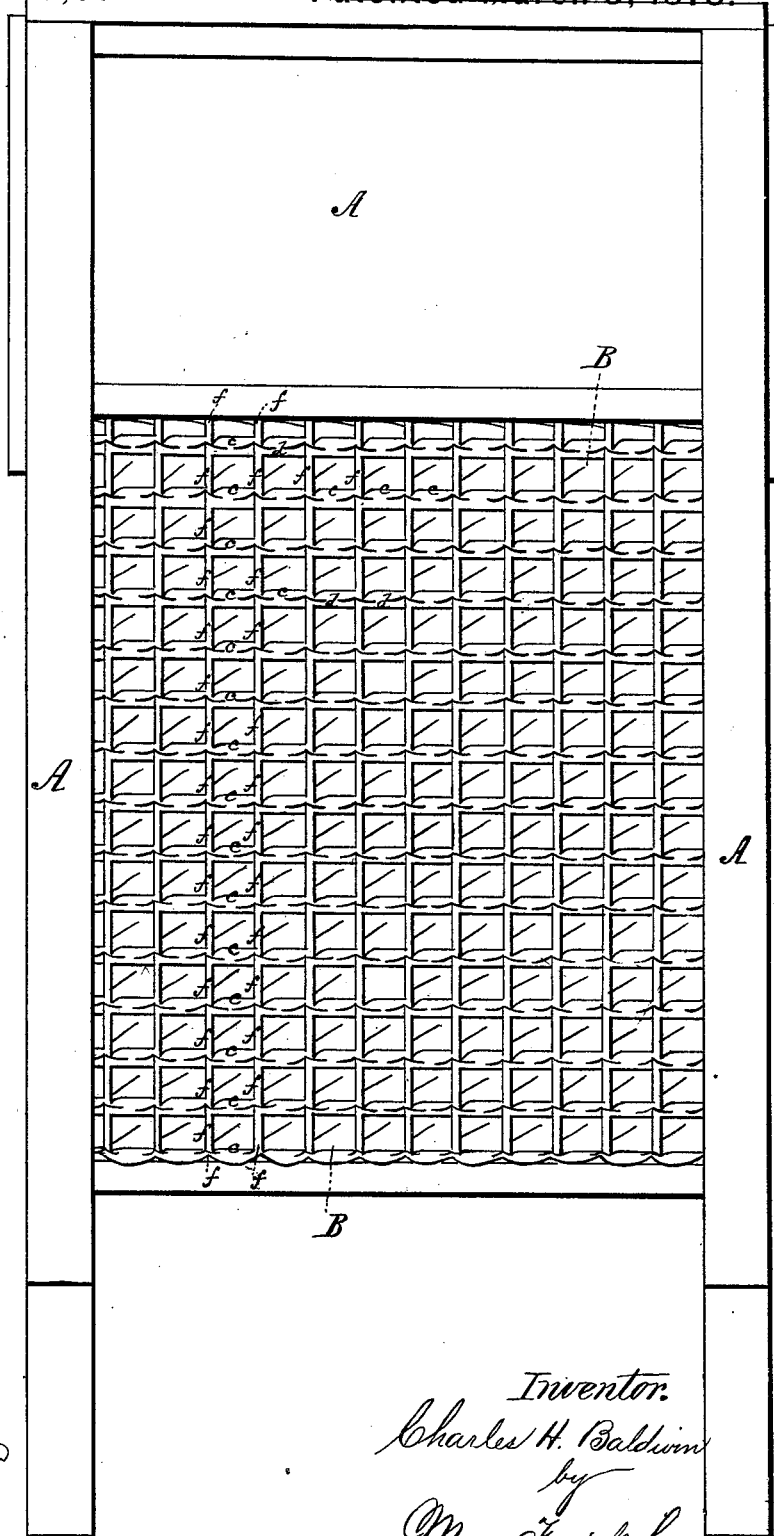


C. H. BALDWIN.  
Wash-Board.

No. 200,852

Patented March 5, 1878.

*Fig. 1*



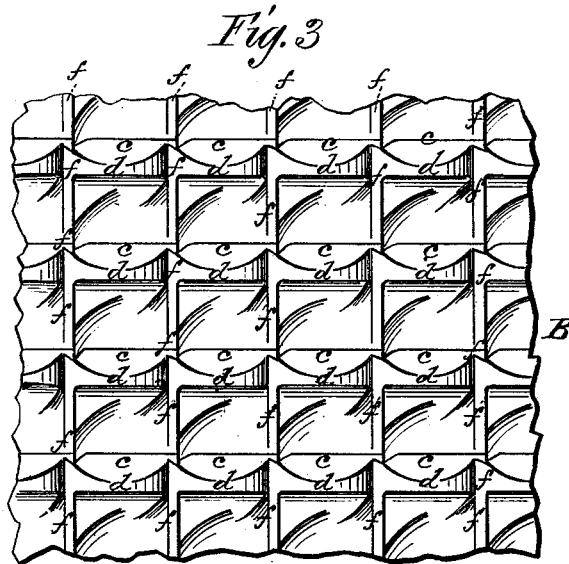
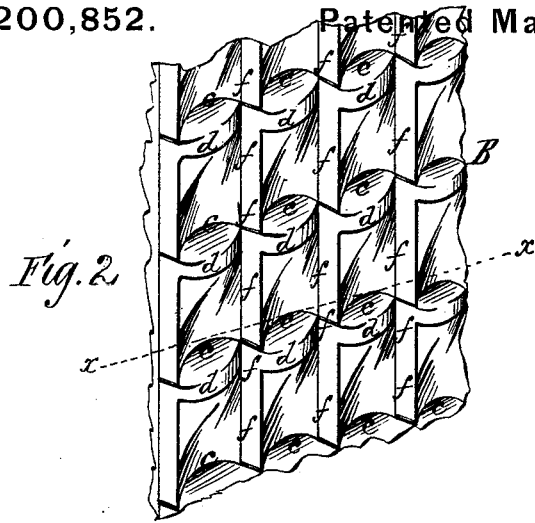
*Witnesses.*  
*James Martin*

*Inventor.*  
*Charles H. Baldwin*  
*by*  
*Mam. Fenwick Lawrence*

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Charles H. Baldwin  
by  
Mason, Fenwick & Lawrence

# UNITED STATES PATENT OFFICE.

CHARLES H. BALDWIN, OF TIFFIN, OHIO.

## IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **200,852**, dated March 5, 1878; application filed February 13, 1878.

*To all whom it may concern:*

Be it known that I, CHARLES H. BALDWIN, of Tiffin, in the county of Seneca and State of Ohio, have invented a new and useful Improvement in Metallic Wash-Boards; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification.

The object of my invention is the construction of what is commonly designated a "metallic wash-board," in such manner that cups or pockets for the reception and temporary retention of soap shall be formed throughout its working-surface, and in such manner that the metal composing the lower portion of such cups or pockets shall form a series of elevated rubbing-surfaces, against which the clothes, in the act of washing, are pressed and rubbed, while gutters on each side, to the right and left hand of said cups, are formed from the top to the bottom of the wash-board, in order to carry off the "suds" without at the same time washing out the soap from the cups or pockets, and so cause the unnecessary waste of the soap used for cleansing the clothes.

In the drawings, Figure 1 represents a plan view of my improved wash-board, the frame A being of ordinary construction, and having a metal working-surface, B, secured therein in any proper manner. Fig. 2 is an enlarged perspective view of a portion of the metal working-surface B of my wash-board, the view being taken looking downward when the board is made to assume a vertical position. Fig. 3 is a plan view, of enlarged size, of a portion of the metal working-surface of my wash-board; and Fig. 4, a vertical transverse section of said surface in the line *xx* of Fig. 2.

In these views *c*, indicates a series of soap cups or pockets, situate consecutively, one below the other, in a direct line from the top to the bottom of the wash-board. A multiplicity of series of such cups, all lying in the same

planes longitudinally and transversely of the wash-board, are formed upon the surface of the board, as shown, by means of dies properly constructed to indent the metal working-surface.

It will be clearly seen, by reference to Figs. 2, 3, and 4, that the lower walls of the cups are formed in the likeness of rounded elevated ridges *d*, which ridges serve as rubbing-surfaces, against which the clothes are pressed and rubbed, while passed in the hand of the operator up and down the wash-board in a direction longitudinally thereof.

As shown in the several figures, and clearly in sectional view, Fig. 4, waterways or gutters, as at *f*, are formed the whole length of the working-surface B of the wash-board, in which gutters the wash-water flows down the board into the tub, in which the board may be placed during the act of washing. These gutters, it will be observed by reference to Fig. 4, do not extend to the bottom of the soap-cups *c*, but are a proper distance above the bottom of said cups, so that the current or flow of the water down the wash-board will not wash out the soap from the bottom of said cups; and by thus constructing the waterways or gutters *f* no undue waste of soap is incurred, the tendency of the soap being to seat itself in the bottom of the cups or pockets *c*, and so not be swept away from the working-face of the wash-board in the act of washing.

Having described my invention, what I claim is—

A wash-board having a metal working-surface, composed of a series of soap-cups, *c*, rubbing-ridges *d*, and lateral gutters *f*, substantially as and for the purpose set forth.

Witness my hand, in the matter of my application for a patent for a metallic wash-board, this 7th day of February, A. D. 1878.

CHAS. H. BALDWIN.

Witnesses:

NELSON B. LUTES,  
HARRISON NOBLE.