

M. A. SMITH.  
Wash-Board.

No. 205,148.

Patented June 18, 1878.

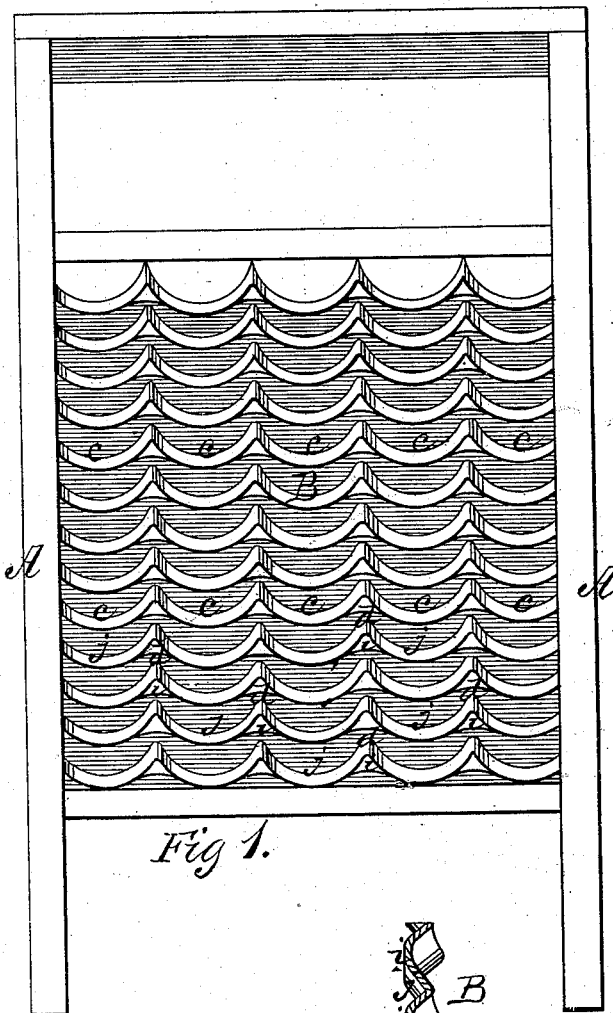


Fig 1.

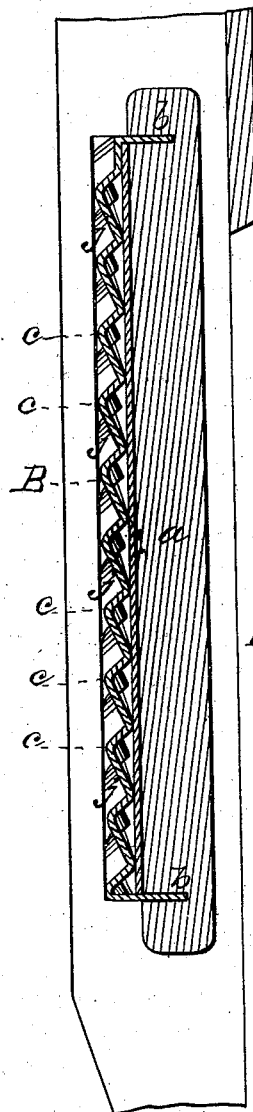


Fig 2.

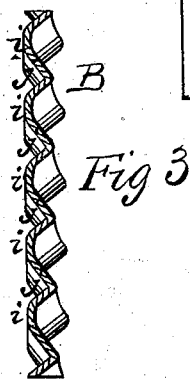


Fig 3

WITNESSES

*Villette Anderson*  
*A. J. Masi.*

INVENTOR

*Mark A. Smith,*  
*by E. W. Anderson*

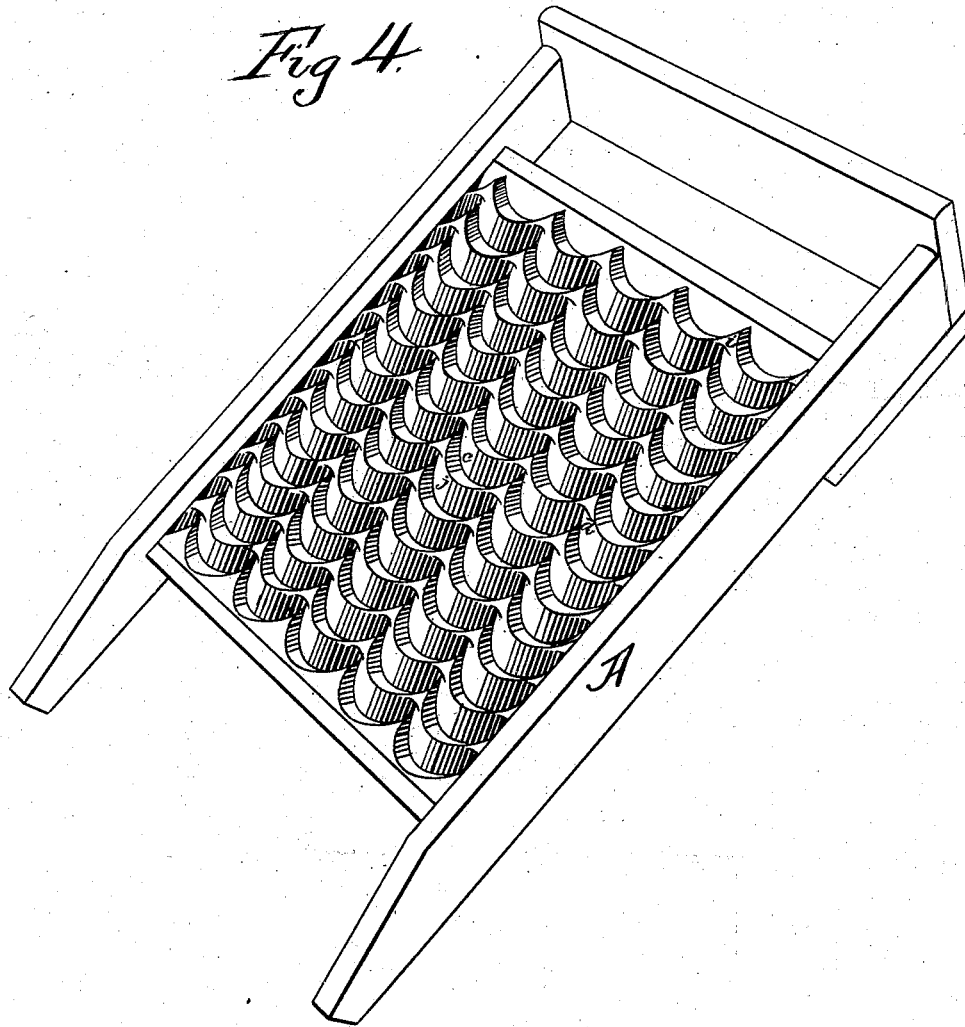
ATTORNEY

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*Fig 4.*



WITNESSES

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INVENTOR

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# UNITED STATES PATENT OFFICE.

MARK A. SMITH, OF EVANSVILLE, INDIANA, ASSIGNOR TO FREDERICK W. BRINKMYER AND JOHN E. HARPER, OF SAME PLACE.

## IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. 205,148, dated June 18, 1878; application filed April 6, 1878.

*To all whom it may concern:*

Be it known that I, MARK A. SMITH, of Evansville, in the county of Vanderburg, in the State of Indiana, have invented a new and useful Improvement on Wash-Boards; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, and to the letters and figures of reference marked thereon.

Figure 1 is a plan view of my improved wash-board. Fig. 2 is a longitudinal section thereof, taken through the center of the scallops. Fig. 3 is a similar section of plate, taken through the meeting-points of the scallops; and Fig. 4 is a perspective view of the wash-board.

This invention has relation to improvements in wash-boards having metallic rubbing-plates.

The nature of the invention consists in a metallic wash-board rubbing-plate having parallel transverse series of scalloped ridges, formed by alternate short and long inclines, the short inclines being uppermost and meeting in points, which are flattened on top between the scallops, said flattened points extending back to the long or downward inclines of the scallops, and the channels being deeper at the centers of the scallops than at their meeting-points, as will be more fully shown and described.

In the annexed drawings, the letter A designates the frame of a wash-board, having a wooden back, and a pocket at its top for the reception of soap, the said frame not differing essentially from many now in use.

The back *a* has near its top and bottom a groove, *b*, into which the downward-bent ends of the metallic plate B are inserted, its lateral edges being received in longitudinal grooves in the faces of the frame.

The plate B is preferably of zinc, and is provided with raised crescent-like concave scallops *c*, extending in a continuous series entirely across the said plate, and in parallel lines from top to bottom thereof. The profile of each of the scallops is obtuse angular, its shorter side or incline being uppermost at its central portion, a longitudinal section through the lowest part of the said scallops presenting a serrated or saw-toothed appearance.

The points of union of the concave inclines of the scallops are angular, as shown at *d*, the top of the said points being flat, as shown at *i*. The channel *j* between the scallops is angular also, being somewhat deeper at the center of the scallop than at its ends.

The board is struck or rolled out in lengths complete.

I am aware that a zinc wash-board whose faces consist of a series of serpentine ridges in common plane is not new; hence I do not claim such invention.

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

The metallic wash-board rubbing-plate having parallel transverse series of scalloped ridges *c*, formed by alternate short and long inclines, the short being uppermost and meeting in points *d*, which are flattened on top at *i*, between the scallops, said flattened points *i* extending back to the long or downward inclines of the scallops, and the valleys being deeper at the centers of the scallops than at their meeting-points, as specified.

In testimony of which invention I have hereunto set my hand this 6th day of March, in the year 1878.

MARK A. SMITH.

Attest:

W. M. BLAKEY,  
ROBT. W. HARPER.