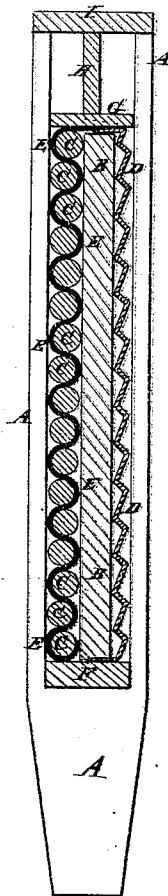


J. S. WASHBURN.

WASHBOARD.

No. 180,682.

Patented Aug. 1, 1876.



WITNESSES:

A. W. Arngqvist
John Goethals

INVENTOR:

J. S. Washburn

BY

mmw/K2

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN S. WASHBURN, OF YONKERS, NEW YORK.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **180,682**, dated August 1, 1876; application filed July 15, 1876.

To all whom it may concern:

Be it known that I, JOHN S. WASHBURN, of Yonkers, in the county of Westchester and State of New York, have invented a new and useful Improvement in Wash-Boards, of which the following is a specification:

The figure is a longitudinal section of my improved wash-board.

The object of this invention is to furnish an improved wash-board which shall be more effective in use, and at the same time more durable, than wash-boards constructed in the usual way, and which may be made and sold at a reasonable price.

The invention consists in an improved wash-board formed of the grooved side bars, the center board, the rubber plate, the corrugated zinc plate, and the cross-strips, constructed and combined with each other as hereinafter fully described.

A are the side bars of the wash-board, in the inner sides of which, from their upper ends nearly to their lower ends, are formed wide grooves to receive the side edges of the center board B, the ends of the bars C, and the side edges of the zinc plate D. E is a rubber plate, which is passed alternately over and under the bars C, so that a rubber surface and a wooden surface may alternate with each other to form the rubbing-surface of this side of the board. This surface is more effective than either a rubber surface or a wooden surface, as an entire rubber surface gives too

much friction or causes the clothes to stick, and an entire wooden surface allows the clothes to slide over it too easily. The lower edge of the center board B, the lower bar C, and the lower edges of the zinc plate D, and of the rubber-plate E, rest upon a cross-piece, F, the ends of which are secured in the lower ends of the grooves in the side bars A, and upon the top of said parts B C D E rests a cross-piece, G, the ends of which are placed in the upper parts of the grooves in the side bars A, and which is pressed down, clamping all the parts firmly together by a strip of board, H, interposed between the cross-strip G and the cross strip I, attached to the upper ends of the side bars A. The board H is made thin, so as to form a recess for soap between the strips G I, upon both sides of the wash-board.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An improved wash-board, formed of the grooved side bars A, the center board B, the bars C, the rubber plate E, the corrugated zinc plate D, and the cross-strips F G H I, constructed and combined with each other substantially as herein shown and described.

JOHN S. WASHBURN.

Witnesses:

JAMES T. GRAHAM,
T. B. MOSHER.