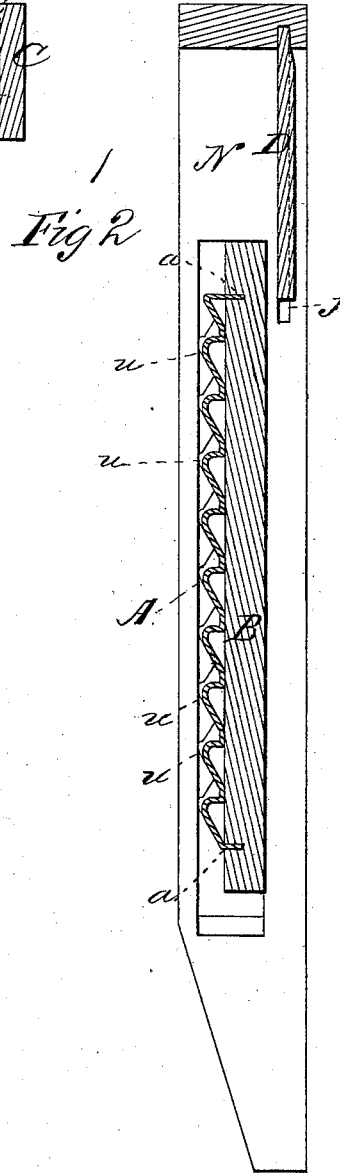
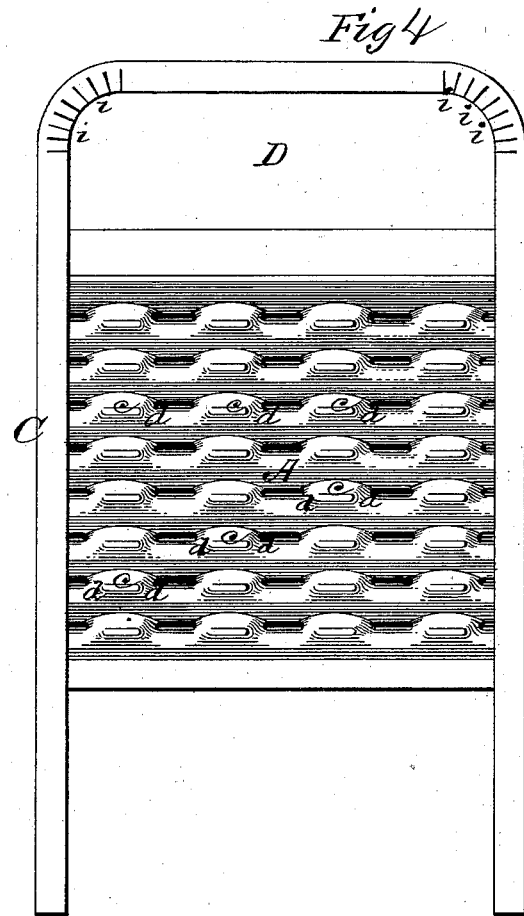
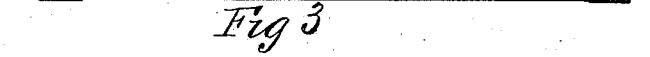
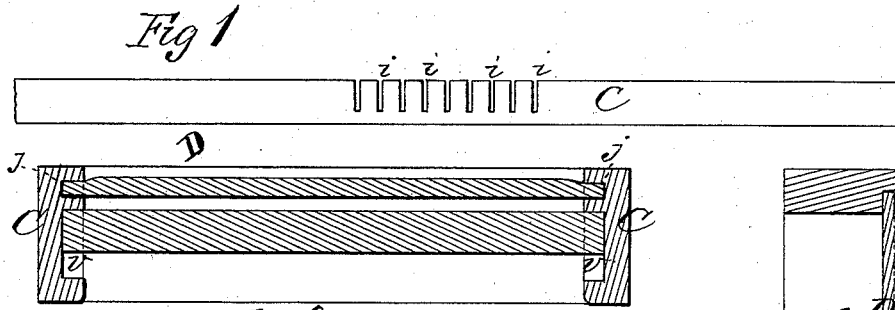


F. L. WILSON.
Wash-Board.

No. 199,607.

Patented Jan. 22, 1878.



WITNESSES

Villette Anderson.
F. J. Ellasi

INVENTOR

F. L. Wilson.
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ATTORNEY

UNITED STATES PATENT OFFICE.

FITZLAND L. WILSON, OF MASON, MICHIGAN.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **199,607**, dated January 22, 1878; application filed July 28, 1877.

To all whom it may concern:

Be it known that I, FITZLAND L. WILSON, of Mason, in the county of Ingham and State of Michigan, have invented a new and valuable Improvement in Wash-Boards; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a detail. Fig. 2 is a longitudinal section of my improved wash-board. Fig. 3 is a cross-section of the same, and Fig. 4 is a plan view thereof.

This invention has relation to improvements in wash-boards for laundry purposes; and the nature of the invention consists in a rubbing-plate for a wash-board constructed with a series of parallel corrugations, having struck-up rounded projections at intervals along their lengths, as will be hereinafter more fully set forth in the claim.

In the annexed drawings, the letter A designates my improved wash-board plate, having a wooden backing, B, to which it is rigidly secured by passing its upper and lower edges into grooves cut across said back, as shown at *a*, Fig. 2.

C represents the framing in which the said board is set, and by which it is supported. This frame is formed of a single piece of wood by cutting at the points where the corners are to be made a number of kerfs, *i*. The free ends of the frame-strip are then drawn inward toward each other, and the said strip caused to assume the shape of the letter V. The lateral edges of the board B are received in sufficiently deep grooves *v* in the inner side bars of the frame just before the bending thereof is completed.

D indicates a back-board that forms, with the frame and the backing aforesaid, a soap-holding cavity, N. This attachment has been

eled or rabbeted edges and rounded corners, and is received in a groove, *j*, extending around the entire upper part of the frame in rear of the grooves that receive the backing B. When the frame is being bent the back-board is passed into the groove *j* just before the completion of the bending of the frame. It is thus secured to the frame without the employment of nails, which, because of their rusting and staining the clothes, are objectionable. A few short screws or nails, securing the frame to the backing, also secure the back-board thereto.

The plate A has angular corrugations *u*, having their apexes slightly rounded, and their shorter sides nearly at right angles to the plane of the backing. Upon the short side of each of these corrugations are formed projections *c*, involving the angle, having rounded edges and corners, and connected with the depressions alternating therewith by means of rounding shoulders *d*.

These projections are regularly spaced, and add greatly to the effect produced when the board is used in the customary manner. They also serve, when the fabric is rubbed from side to side, in eradicating obstinate spots—a very effectual purpose.

I am aware that a wash-board plate has been constructed with pointed or acorn-shaped projections on its face; and such I do not claim.

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

A rubbing-plate for a wash-board constructed with a series of parallel corrugations, having struck-up rounded projections *c* at intervals along their lengths, substantially as and for the purposes specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FITZLAND L. WILSON.

Witnesses:

WILLIAM W. ROOT,
CHARLES G. HUNTINGTON.