

(No Model.)

J. B. CAMPBELL & J. LINDSAY.

Wash Board.

No. 231,005.

Patented Aug. 10, 1880.

Fig. 1

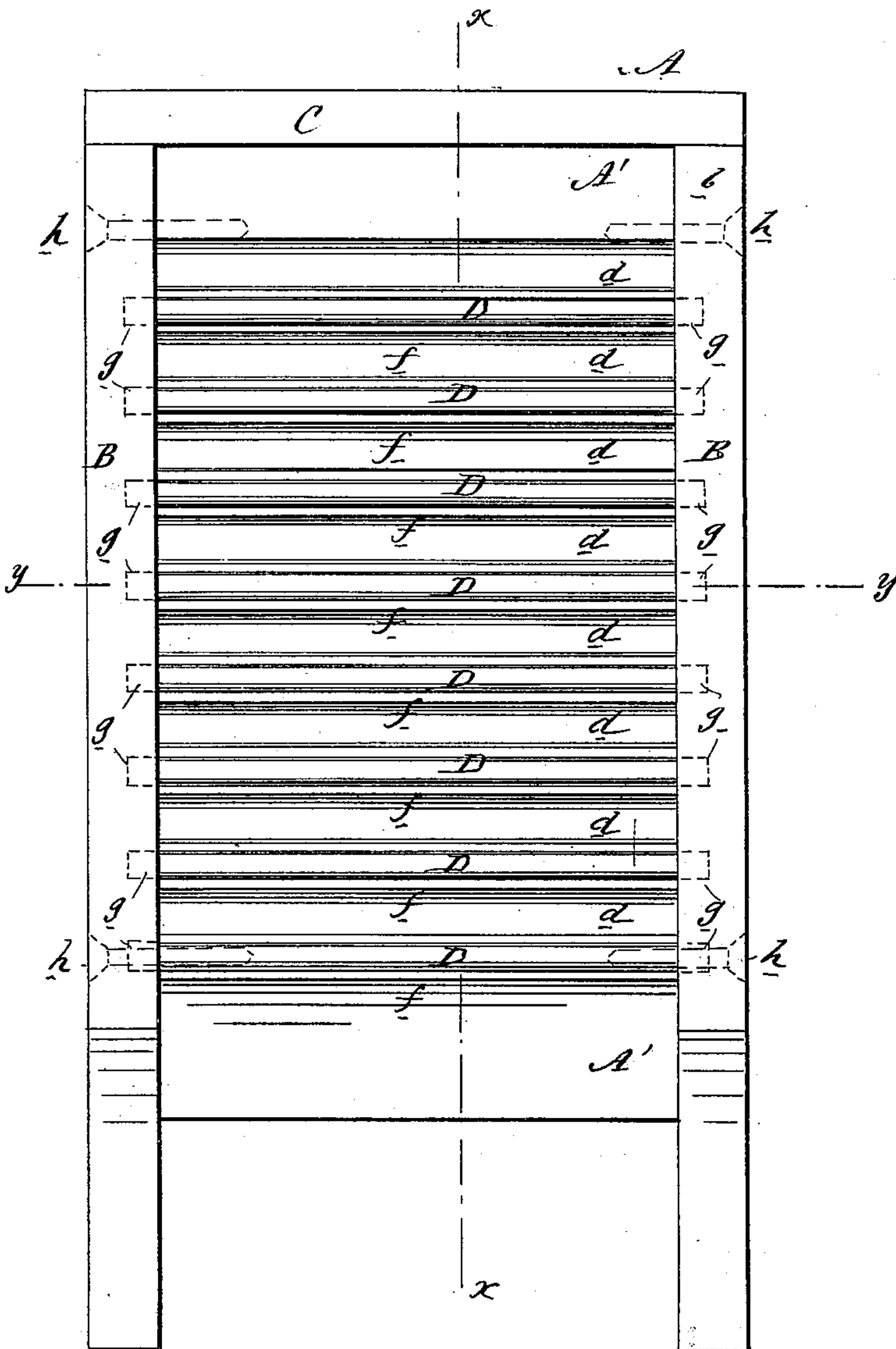


Fig. 2

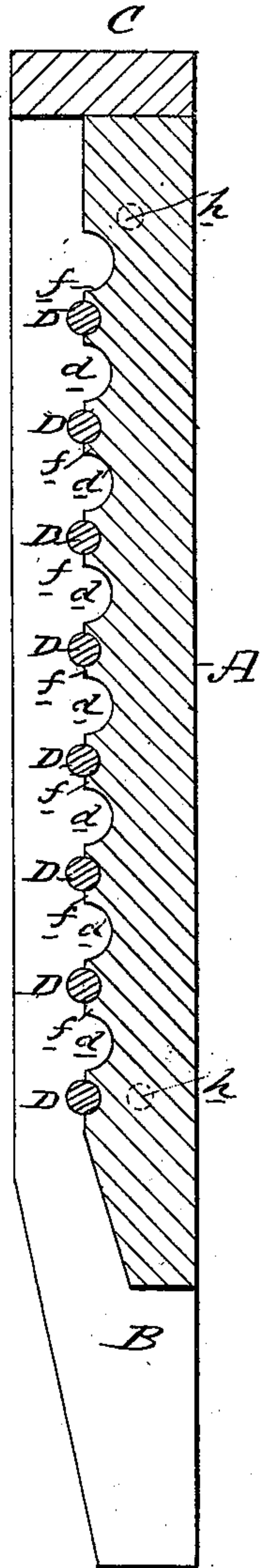
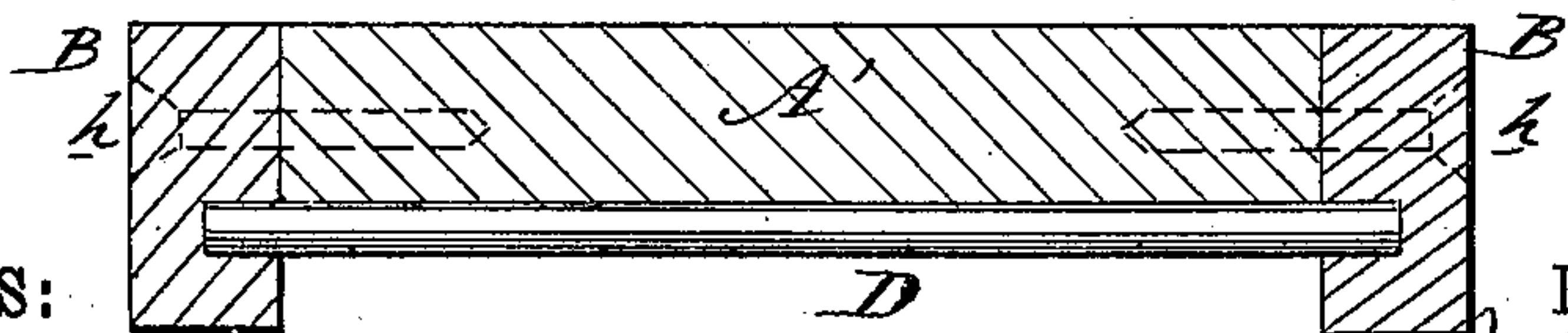


Fig. 3



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES B. CAMPBELL AND JOSIAH LINDSAY, OF MOUNT STERLING, KY.

## WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 231,005, dated August 10, 1880.

Application filed May 7, 1880. (No model.)

*To all whom it may concern:*

Be it known that we, JAMES B. CAMPBELL and JOSIAH LINDSAY, of Mount Sterling, in the county of Montgomery and State of Kentucky, have invented a new and Improved Wash-Board, of which the following is a specification.

The object of this invention is to provide a cheap and durable wash-board designed to force the water through the clothes by a more substantial resistance to the hand than is afforded by other wash-boards.

The invention consists of metal rods running laterally across the face of the board parallel to each other, and at equal distances apart, and partly bedded in the board, grooves being made in the spaces between the rods, thus substituting the rods and the grooves between them for the corrugated metal sheet which commonly covers the face of a wash-board.

Figure 1 is a front elevation of the wash-board. Fig. 2 is a sectional elevation on line *x x*, Fig. 1. Fig. 3 is a cross-section on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the wash-board, consisting of the body A', side strips, B B, and top strip, C. The body A' is provided with deep transverse semicircular grooves *d d*, formed at equal distances apart, and parallel with each other, and the raised ribs or ridges

*f* remaining between these grooves *d d* are themselves longitudinally grooved.

D D are the metallic rods, secured in position by being laid in the grooves of the ribs *f*, and having their ends entered at either side into the mortises *g*, that are formed in the side strips, B, which side strips, B, are secured to the edges of the body A' by the screws *h* or other convenient device. The top strip, C, is then screwed or otherwise attached across the body A' and the tops of the side strips, B.

Some advantages of this device are that the rigid rods offer unyielding surfaces to the pressure upon them in the process of washing, and that the face of the wash-board will endure indefinitely in as effective condition as at first.

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

As an improved article of manufacture, a wash-board constructed substantially as herein shown and described, consisting of the body A', provided with parallel semicircular lateral grooves *d d*, grooved ribs or ridges *f*, mortised side strips, B, and metallic rods D D, as set forth.

JAMES B. CAMPBELL.  
JOSIAH LINDSAY.

Witnesses:

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