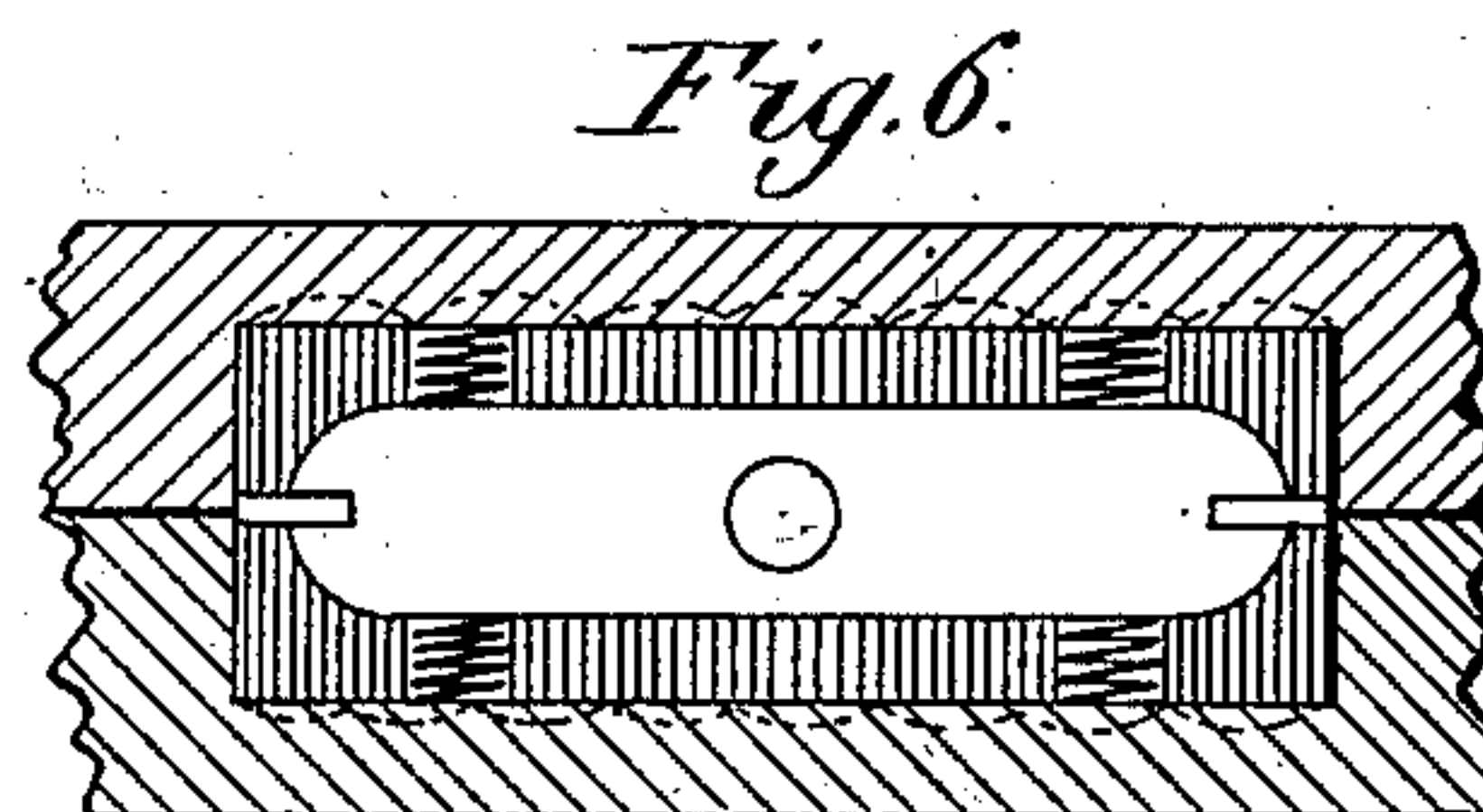
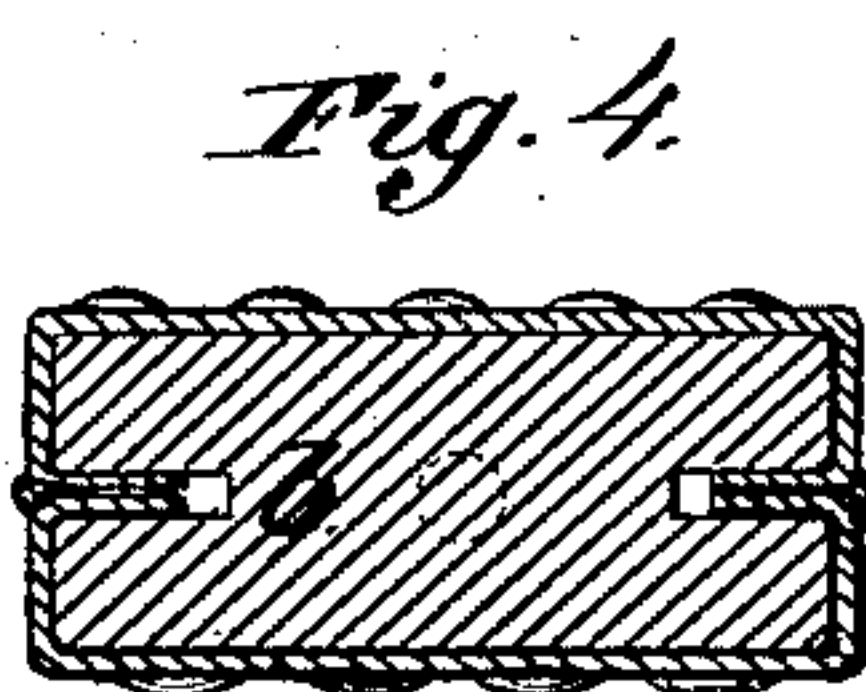
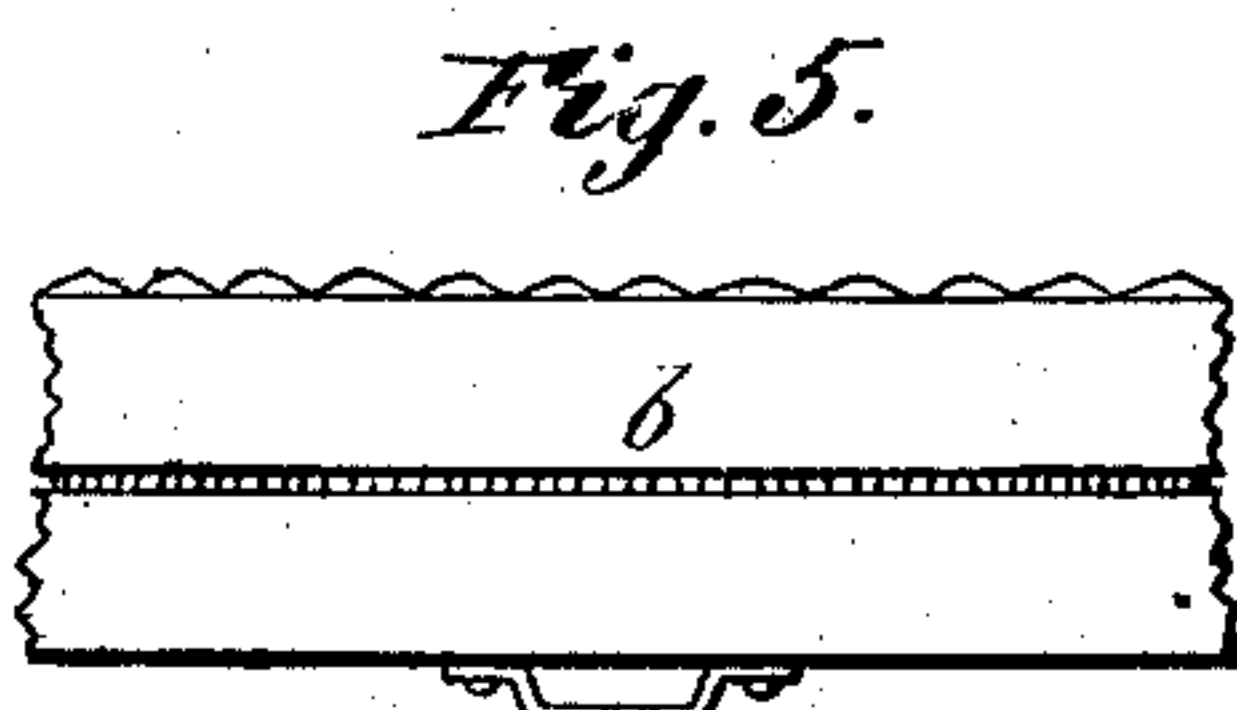
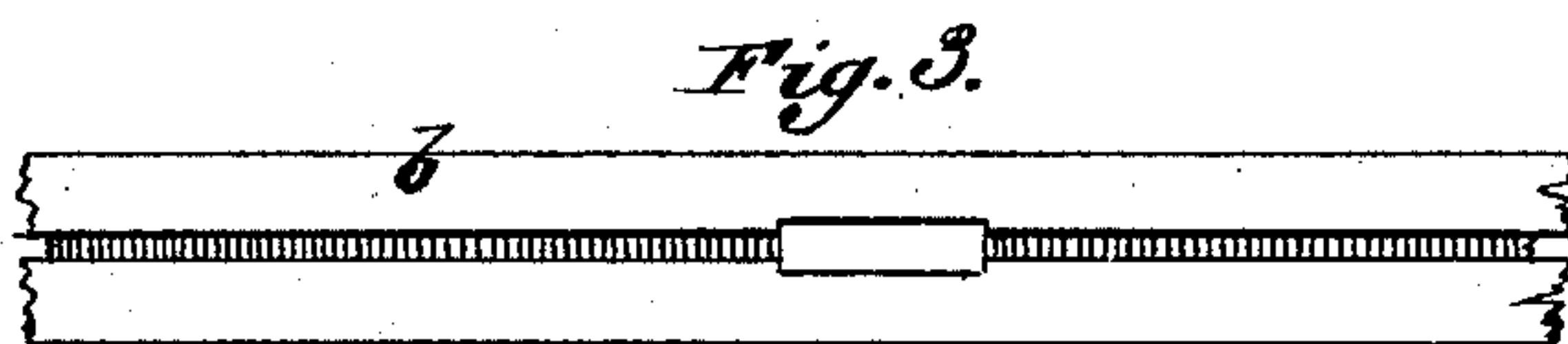
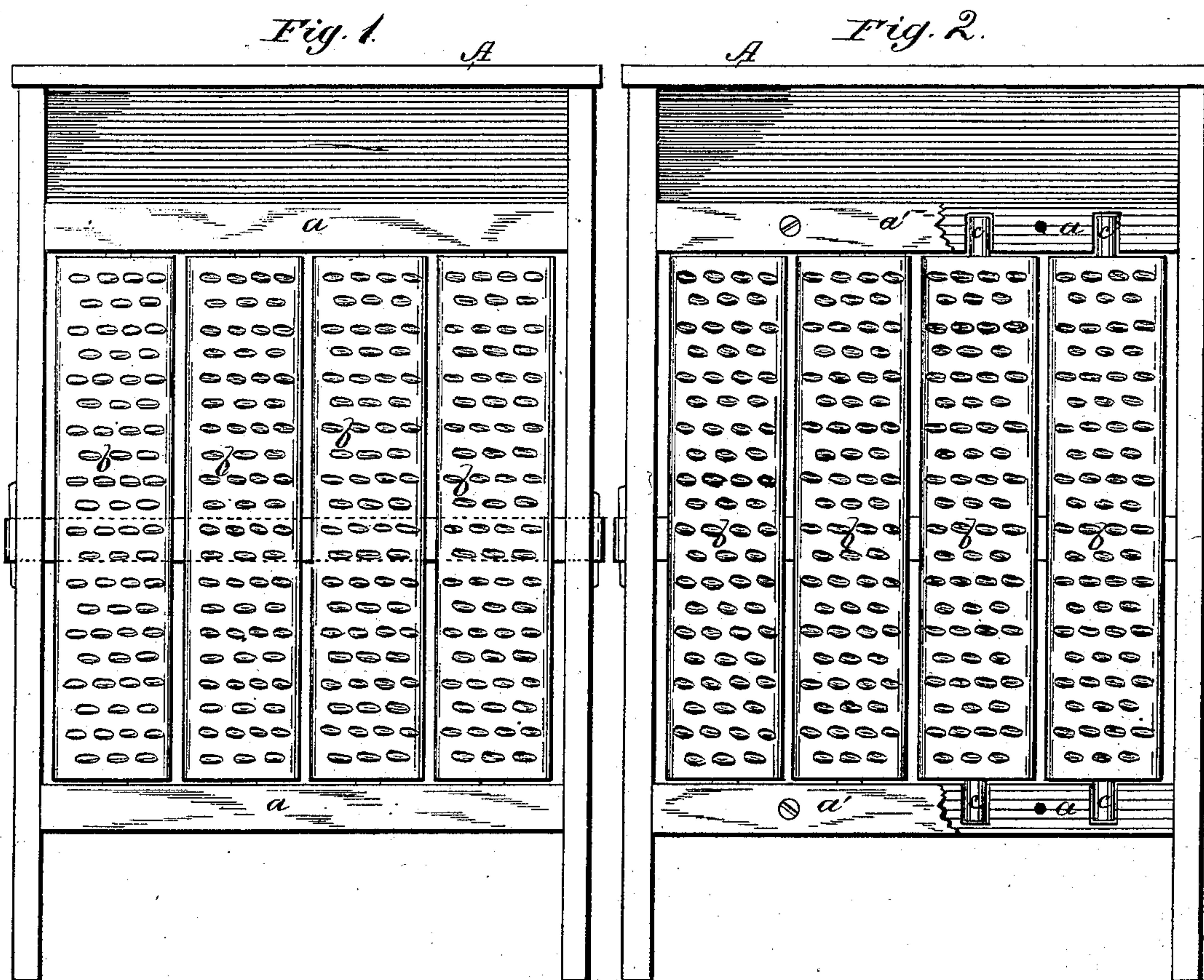


(No Model.)

J. MYERS.
WASH BOARD.

No. 256,915.

Patented Apr. 25, 1882.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN MYERS, OF PHILADELPHIA, PENNSYLVANIA.

WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 256,915, dated April 25, 1882.

Application filed August 23, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN MYERS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Wash-Boards, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification, in which—

10 Figure 1 is a front elevation of the improved wash-board; Fig. 2, a rear elevation of the same, showing the manner of securing the parts together; and Figs. 3 and 4 are detail views. Fig. 5 is a partial view of one of the slats, showing an eye for receiving the rubber band; and Fig. 6 is an end view of one of the slats and a portion of the frame, showing an arrangement of spiral springs, the two last figures being modifications.

15 20 My invention consists in a frame having a series of vertically-pivoted slats, which are arranged and adapted to operate in the manner hereinafter described.

25 The frame A of the board is of the usual construction, save that the top and bottom cross-pieces, *a a*, are provided with suitable bearings for the pivots or spindles of the slats or sections *b*, which bearings are preferably formed with lateral openings leading thereto, 30 so that the sections may be placed in position without taking the frame apart. Strips *a' a'* are then placed over the said openings and secured to the cross-pieces by screws.

35 The sections *b* consist of wooden slats covered with corrugated metal, but may also be made entirely of wood or metal, or any other suitable material, provided with spindles *c* at the ends, by means of which they are to be made to oscillate. The sections are provided 40 with a lateral opening, *d*, by means of which they are strung upon a rubber band, which passes through the sides of the frame, and is secured in any suitable manner to the frame, so as to be held taut, and thus yieldingly support the slats in one and the same plane.

45 In case the slats should not be designed for use upon both sides, the openings may be omitted and suitable eyes be provided upon the rear surface thereof, and a rubber cord or 50 band passed through the eyes and secured to the frame, as above described.

In covering the slats with corrugated or struck-up metal, I provide the wooden slat with a longitudinal groove formed in the center of each edge, then strike up the sheet metal 55 so as to correspond in size and shape with flanges to fit into the grooves, and pass it over the slat endwise. A strip of metal is thus secured to each side of the slat, the same grooves being used for receiving and holding the flanges 60 of each strip of metal. Suitable brads or wedges are then inserted into the grooves between the flanges of each strip of metal for holding the said parts together. Where both 65 sides of a slat are covered with metal the opening for the rubber-band is formed by deepening the grooves at a given point until they meet, and then, to avoid the cutting of the rubber, the metal is to be cut away around the said opening. 70

By having the wash-board open on both sides and both sides of the sections corrugated or covered with suitable metal, the board is adapted to be used on either side, and thus will last twice as long as a board which is not 75 reversible.

I do not limit myself to the precise form of board above described, since the same may be variously modified without departing from the main principle. For instance, the sections may 80 be variously corrugated—vertically, diagonally, or otherwise—and springs of different kinds may be used. Metal springs may be arranged at the ends of the oscillating sections, and the sections may be made larger or smaller. 85

Fig. 6 shows an arrangement of spiral springs at the end of one of the slats, the end of the slat being recessed on opposite sides to form two chambers in connection with the recessed supporting-strips, in which the springs are located so as to be adapted to yield alternately 90 under the oscillation of the pivoted slats. With this arrangement the rubber band upon which the slats are strung is to be dispensed with. 95

Having thus described my invention, what I claim is—

1. A wash-board consisting in a frame having a series of vertically-pivoted slats, which are held in a common plane by springs and 100 adapted to be oscillated under pressure, substantially as shown and described.

2. A wash-board consisting of a frame having a series of vertically-pivoted slats, which are strung upon a rubber band, substantially as shown and described, and for the purpose
5 set forth.

3. In a wash-board, the combination, with a suitable frame, of a series of vertically-pivoted slats and a rubber band or cord which is secured to the frame, and upon which the slats
10 are strung, substantially as shown and described.

4. In a wash-board, the combination of frame A, having its top and bottom cross-pieces, *a a*, provided with bearings for the spindles of the

sections, the strips *a' a'*, for holding the spindles in said bearings, the sections *b*, consisting of wooden slats having spindles at their ends and a longitudinal groove in each lateral edge and openings *d*, and which are covered with strips of corrugated metal struck up to fit the
15 slats on opposite sides thereof, and the rubber band which passes through the sections and is secured to opposite sides of the frame, substantially as shown and described.

JOHN MYERS.

Witnesses:

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