

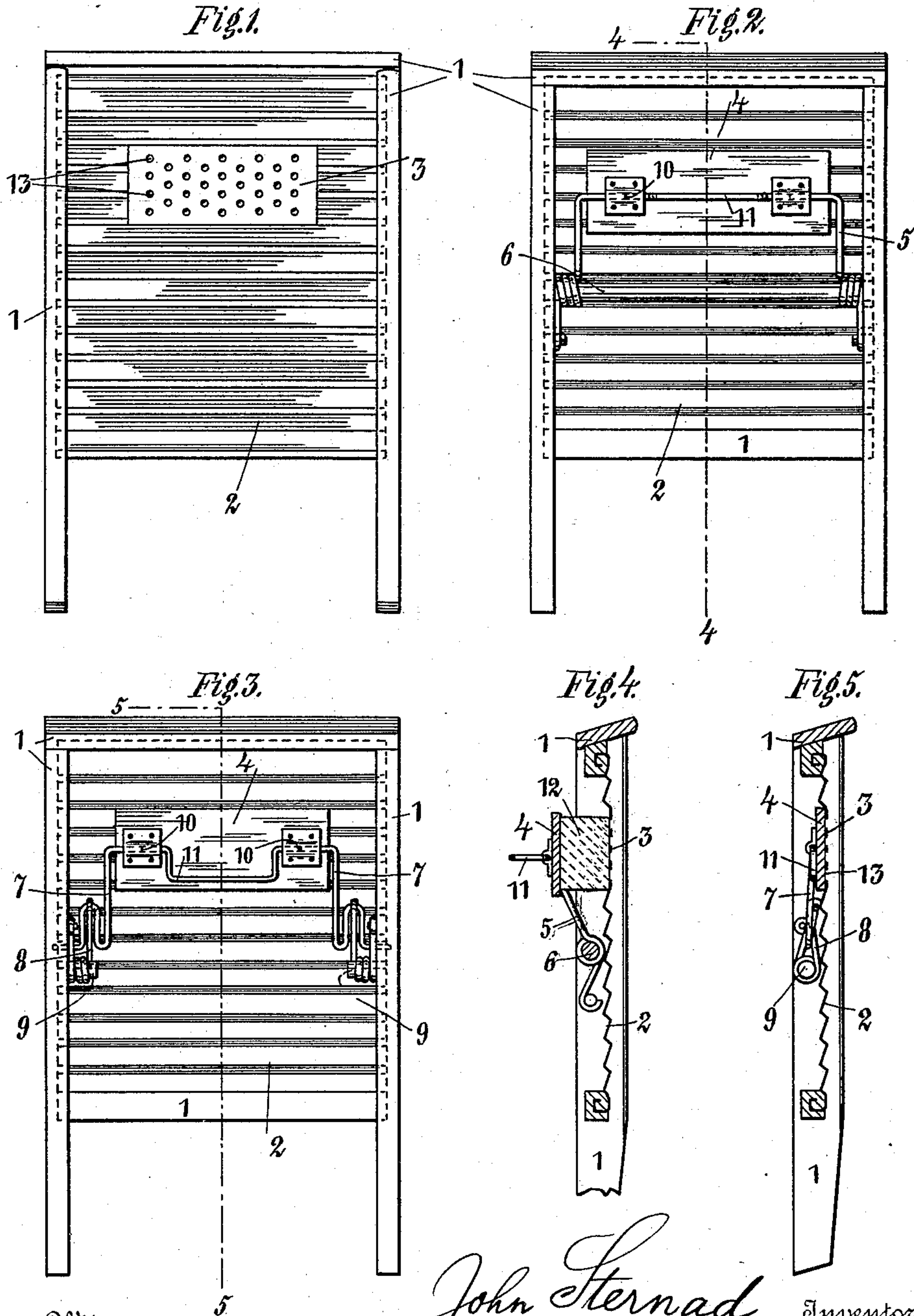
No. 624,398.

Patented May 2, 1899.

J. STERNAD.
WASHBOARD.

(Application filed Dec. 12, 1898.)

(No Model.)



Witnesses:
John A. Paulson
Clifford E. Dunn.

John Sternad Inventor
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UNITED STATES PATENT OFFICE.

JOHN STERNAD, OF JERSEY CITY, NEW JERSEY.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 624,398, dated May 2, 1899.

Application filed December 12, 1898. Serial No. 699,025. (No model.)

To all whom it may concern:

Be it known that I, JOHN STERNAD, a resident of Jersey City, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Washboards, of which the following is a full, clear, and exact specification.

My invention relates to washing utensils; and it consists of the hereinafter-described washboard provided with an automatic soaping arrangement by means of which the clothes are constantly supplied with soap while the washing is being done and there is no necessity for a person doing the washing to pause and handle the soap.

My invention is fully illustrated in the accompanying drawings, wherein—

Figure 1 is a front and Fig. 2 a rear view of my invention. Fig. 3 is also a rear view and shows a modified construction of the soap-holder. Fig. 4 is a sectional view on the line 4 4 indicated in Fig. 2. Fig. 5 is likewise a sectional view, but on the line 5 5 indicated in Fig. 3.

Similar letters of reference indicate corresponding parts in all the drawings.

The washboard consists of the usual frame 1, over which is stretched the sheet of corrugated zinc or other suitable material 2, which is of sufficient thickness to maintain its shape and needing no wooden supporting-back. A portion of this zinc sheet near the upper end is flattened and perforated, as is shown at 3. Directly behind this flattened portion is pivotally mounted the soap-holder 4. This holder consists of a flat board of suitable size and is either mounted directly upon the spring 5, secured to the cross-bar 6, set in the framework, as shown in Figs. 2 and 4, which spring consists of a suitably-bent wire of some elastic metal, or is mounted upon the wire support 7, Figs. 3 and 5, which in turn is operated by the springs 8, mounted on studs 9, both the springs 5 and 8 tending to press the soap-holder up close against the washboard. The spring 5 or support 7 may be broken at 10, Figs. 2 and 4, thus permitting the middle sections 11 to swing independently of the

outer ends and serving as a handle by which the soap-holder may be pulled back, as shown in Figs. 2 and 4, or when not required lying flat against the holder, as shown in Figs. 3 and 5.

In using the board the soap 12 is placed between the flat portion of the zinc sheet and the soap-holder 4, as shown in Fig. 4, the tension of the spring 5 or of the springs 8, Fig. 3, holding it in place. Upon wet clothes being rubbed upon the board the water renders the upper side of the soap soft, and it is gradually forced up through the holes 13 and soaps the clothes in a gradual and uniform manner.

I claim as my invention and desire to secure by Letters Patent—

1. A washboard consisting of a frame, a metallic corrugated sheet a portion of which is flattened and perforated, mounted on the frame, a cross-bar set in the frame, a spring mounted on the cross-bar, and a soap-holder pivotally mounted on the spring and directly behind the perforated portion of the corrugated sheet.

2. A washboard consisting of a frame, a rubbing-board, a portion of which is perforated, a spring-bow affixed to the frame and set to press against the rubbing-board, and a soap-holder pivotally mounted on the bow behind the perforated portion of the board.

3. The combination with a washboard consisting of a frame and a rubbing-board having a portion of its surface perforated, of a soap-holder pivotally mounted behind the perforations, a cross-bar set in the frame below the perforated portion of the rubbing-board, and a wire spring set on the cross-bar and pressing the soap-holder against the board.

In witness that I claim the improvements described in the foregoing specification I have signed my name in the presence of two subscribing witnesses.

JOHN STERNAD.

Witnesses:

HENRY SCHREITER,
CLIFFORD E. DUNN.