

No. 705,116.

Patented July 22, 1902.

W. B. MURPHY.

WASHBOARD.

(Application filed June 24, 1901.)

(No Model.)

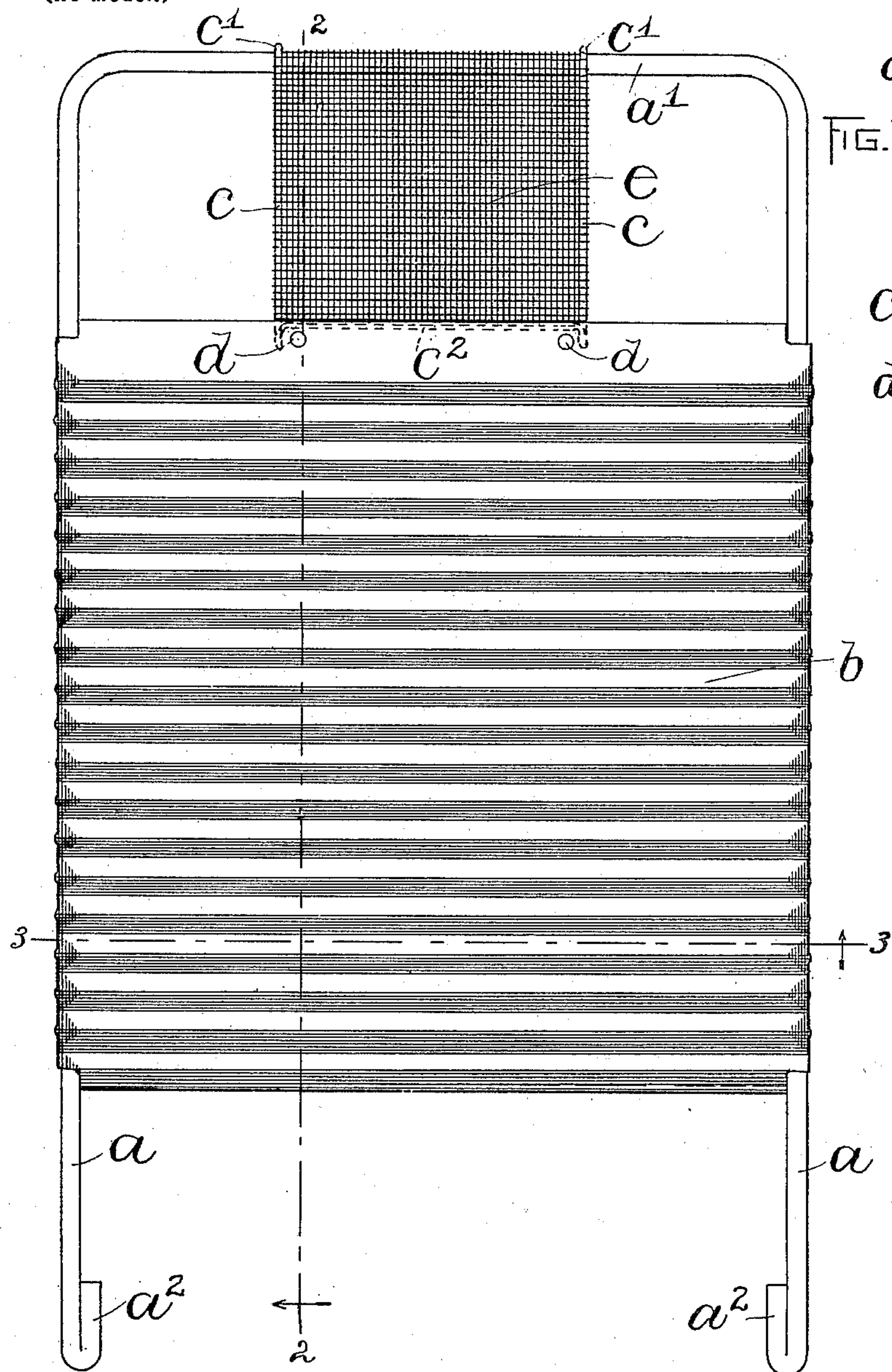


FIG. 1.

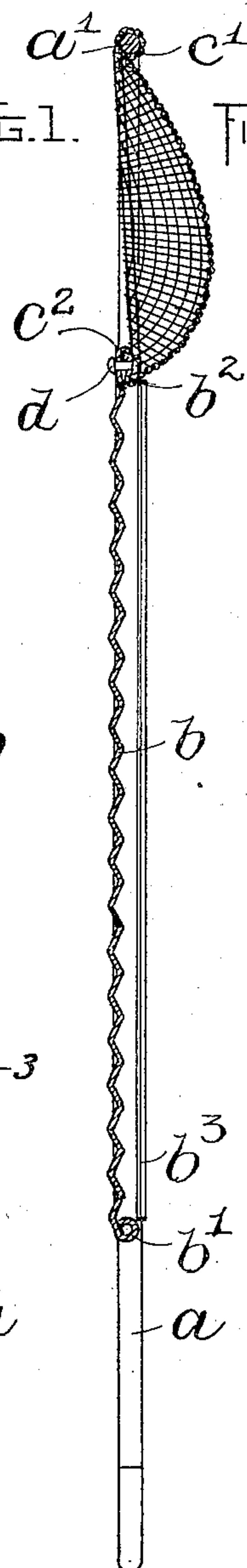
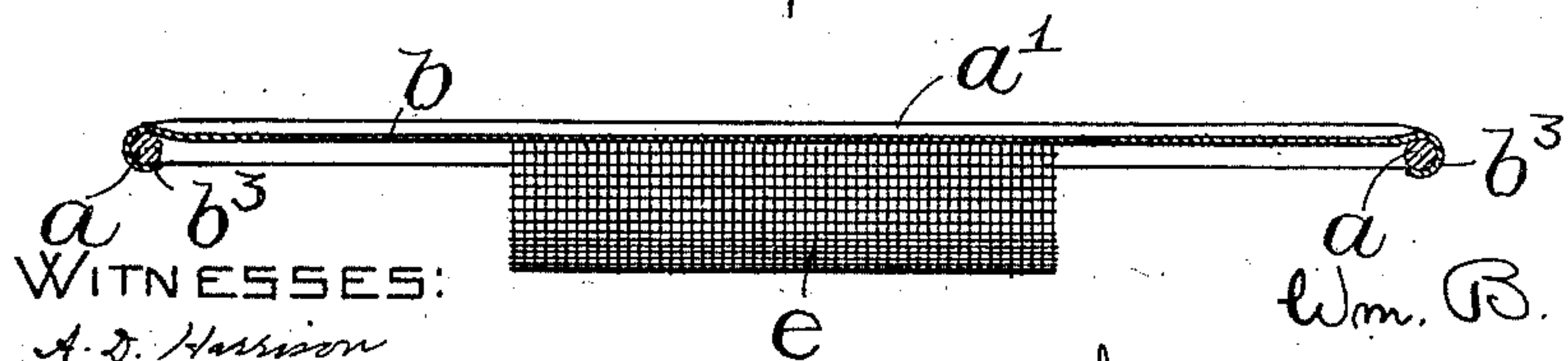


FIG. 2.

FIG. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM B. MURPHY, OF LYNN, MASSACHUSETTS.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 705,116, dated July 22, 1902.

Application filed June 24, 1901. Serial No. 65,830. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. MURPHY, of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Washboards, of which the following is a specification.

This invention has relation to washboards, and has for its object to provide certain improvements therein by which they may be simplified in construction and rendered less liable to catch and retain particles of lint, soap, or other substances which will become foul.

Referring to the accompanying drawings, on which similar letters of reference indicate similar parts or features, Figure 1 represents my improved washboard. Fig. 2 represents a section through the same on the line 2 2 of Fig. 1. Fig. 3 represents a section on the line 3 3 looking in the direction of the arrow.

The said washboard comprises three essentials—to wit, the rubbing-surface, the soap-holder, and the frame. The frame is formed of a metal rod bent to provide the side bars $a a$ and the end bar a' . The ends of the side bars are shown as bent backward or upward, as at a^2 ; but I have contemplated connecting them by a lower end bar in case the frame is not stiff enough. The rubbing-surface is made of a corrugated plate b of zinc or other metal, the lower end of which is swaged or bent, as at b' , for stiffness, and the upper end of which is bent rearward and downward, as at b^2 , for a purpose to be described. The sides of the plate are firmly swaged or bent part way around the side bars, as at b^3 , so as to tightly grip said bars and yet form no closed pockets for the reception of lint, dirt, or soap. The soap-holder may be constructed in a variety of ways; but as shown it consists of a metallic frame and a pocket of foraminous material. The frame is formed of a metal rod bent to provide side bars $c c$, the upper ends of which are partially coiled or bent around the end bar a , as at c' , and an end bar c^2 . The lower ends of the side bars $c c$ are bent forward and upward, so that the end bar c^2 lies under the lip formed by bend-

ing the upper end of the rubbing-surface. Rivets $d d$ are passed through the upper end of said plate, so as to securely anchor the end bar c^2 in position, and hence said frame holds the rubbing-surface against movement longitudinally of the side bars $a a$.

The body of the soap-holder is made of foraminous material, such as wire-gauze, bent to form a pocket e and secured at its upper edge to the end bar a' and at its sides and lower end to the bars $c c^2$.

A washboard such as described possesses many desirable features which are apparent upon inspection, since it is exceedingly simple in construction, is easy to keep clean, and is strong and durable.

Having thus explained the nature of the invention and described a way of constructing and using the same, although without attempting to set forth all of the forms in which it may be made or all of the modes of its use, I declare that what I claim is—

1. A washboard comprising a rubbing-surface formed of a corrugated metallic plate, and a supporting-frame formed of a metallic rod bent to provide side bars and an end bar, the edges of said plate being bent around the side bars to secure them together, the corrugations of the plate extending crosswise of the washboard whereby the said plate and frame coact to secure sufficient rigidity without additional bracing.

2. A washboard comprising a frame formed of a metallic rod bent to provide side bars and an upper end bar, a corrugated plate having its side edges secured to the said side bars, and a soap-holder connecting the said plate to the said end bar.

3. A washboard comprising a frame formed of a metallic rod bent to provide side bars and an upper end bar, a corrugated plate having its side edges coiled or bent around the side bars, and its upper edge bent downwardly, and a soap-holder formed of metal and having its lower end interlocked with the upper edge of the plate and its upper end coiled or bent around the said end bar.

4. A washboard comprising a supporting-

frame formed of a metallic rod bent to provide side bars and an end bar, and a rubbing-surface formed of a corrugated metallic plate having its edges bent around the side bars
5 intermediate the upper and lower portions thereof, means being provided to prevent movement of the plate longitudinally of the side bars, the cross-bar of the frame forming

the usual pressure-bearing and the lower ends of the side bars forming supporting-legs. 10

In testimony whereof I have affixed my signature in presence of two witnesses.

WILLIAM B. MURPHY.

Witnesses:

MARCUS B. MAY,

WM. BENNETT MURPHY, Jr.