

S. Hubbell Jr.,

Wash Board.

No. 102,545.

Patented May 3, 1870.

Fig. 1 A

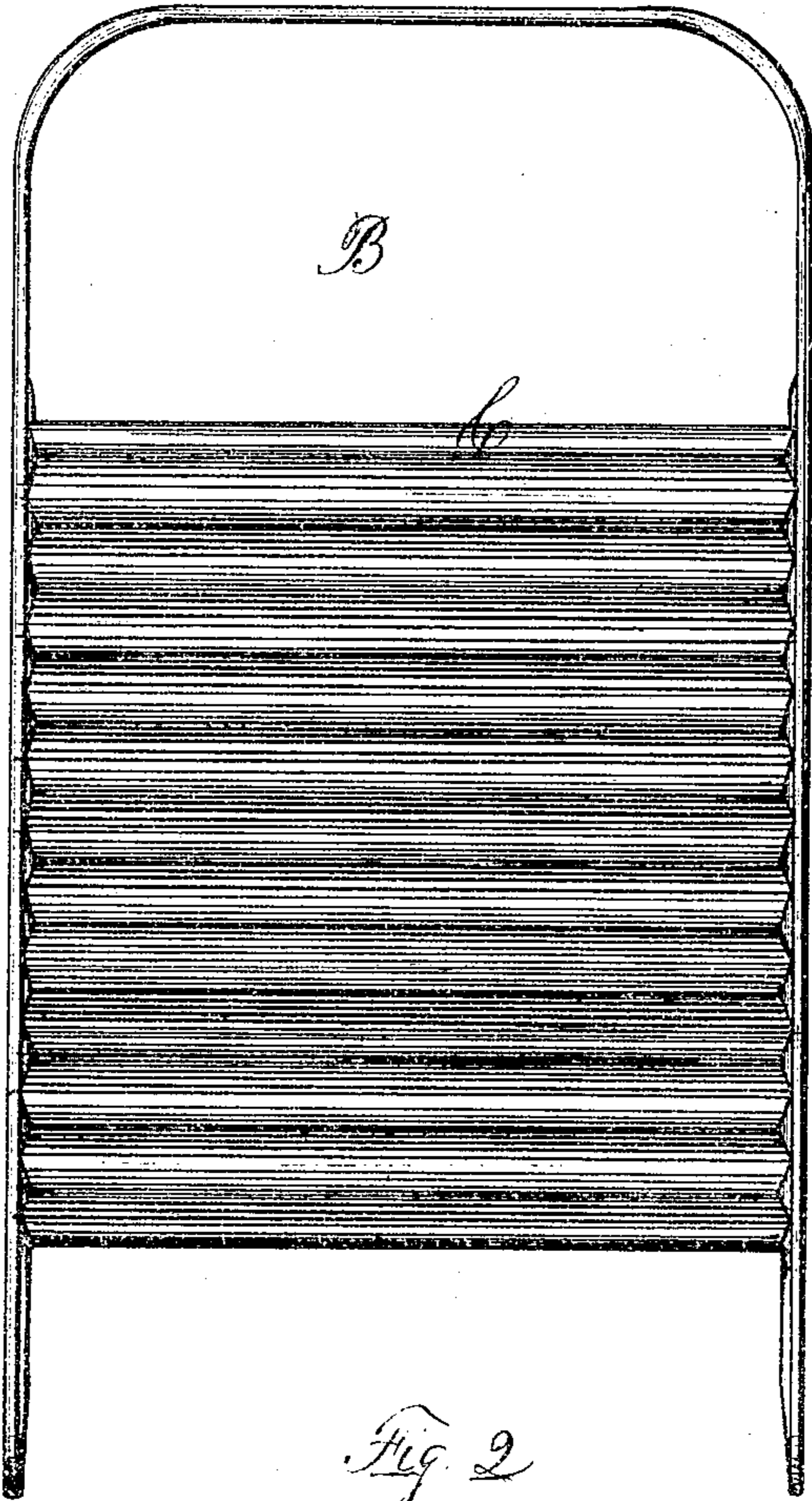
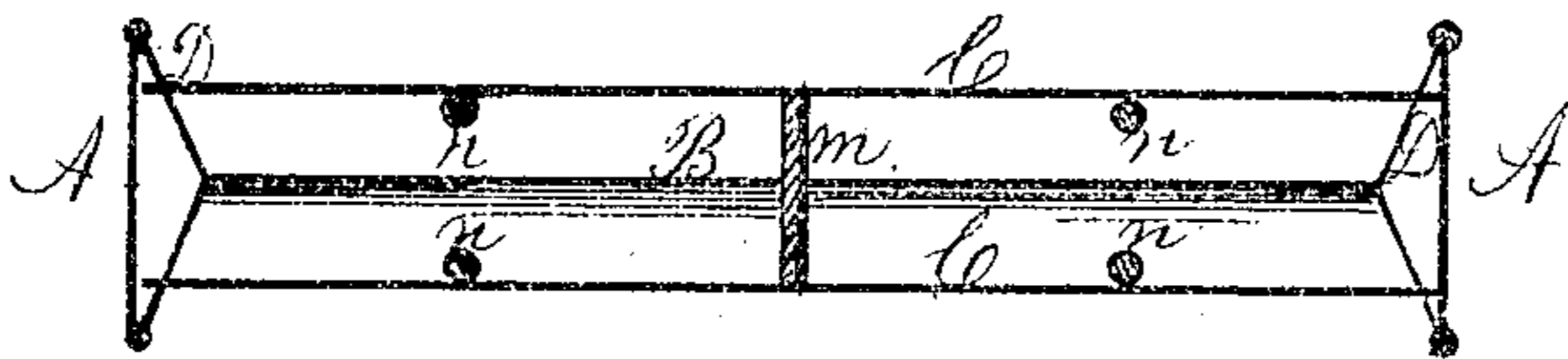


Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

SAUNDERS HUBBELL, JR., OF WEST SALEM, OHIO.

IMPROVED WASH-BOARD.

Specification forming part of Letters Patent No. 102,545, dated May 3, 1870.

To all whom it may concern:

Be it known that I, SAUNDERS HUBBELL, Jr., of West Salem, in the county of Wayne and State of Ohio, have invented certain Improvements in Wash-Boards, of which the following is a specification.

My invention relates to the construction of the frame of a wash-board out of galvanized iron, and securing to the frame a double washing or rubbing surface of corrugated zinc or other suitable material.

Figure 1 represents either a front or rear elevation of the wash-board. Fig. 2 represents a transverse section near the top of the rubbing-surfaces.

The entire wash-board is made of galvanized iron, with the exception of the rubbing-surfaces, which are of zinc. It is of usual form, and the upper corners may be either rounded or angular.

A represents the frame, to the upper part of which is secured the plate B. This plate enters a groove provided in the center of the rim, and is there securely soldered. This plate extends down, as indicated by dotted lines,

from near the top of the rubbing-surfaces to the lower end. A plate, D, (see Fig. 2,) of the form of two sides of a triangle or curvilinear, is soldered to the frame. These plates serve the double purpose of stiffening the external rim and supporting the corrugated plates, which are let into orifices cut for their reception.

At Fig. 2 is shown in transverse section the relation of the several parts. A is the external rim; D, stiffening-plates; C C, corrugated plates; *m*, a plate or stay by which the corrugated plates give mutual support; and *n n*, wires or rods, which give additional support to stiffen the plates. These wires extend the full length of the plates.

I claim as my invention—

The wash-board frame constructed of galvanized iron, substantially as shown and described, and its arrangement with reference to the double corrugated plates, as specified.

SAUNDERS HUBBELL, JR.

Witnesses:

J. R. HENNEY,
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