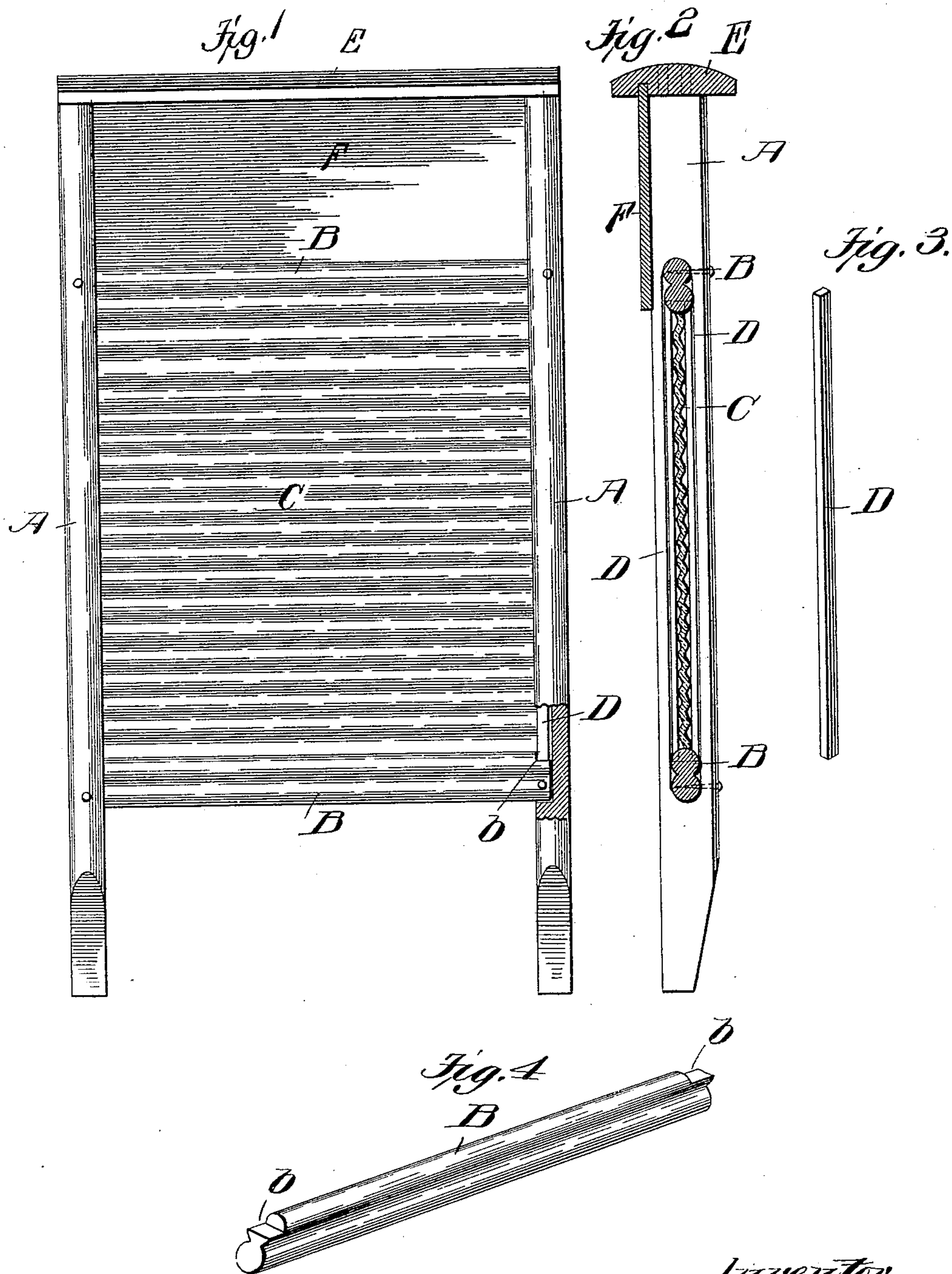


(No Model.)

J. W. SHEPPARD.
WASHBOARD.

No. 602,479.

Patented Apr. 19, 1898.



Witnesses:
F. R. Cornwall.
Hugh H. Wagner.

Inventor
Joseph W. Shepard
by *Paul Bakewell*
his atty.

UNITED STATES PATENT OFFICE.

JOSEPH W. SHEPPARD, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE
MISSISSIPPI GLASS COMPANY, OF SAME PLACE.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 602,479, dated April 19, 1898.

Application filed November 29, 1895. Serial No. 570,473. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. SHEPPARD, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented
5 a certain new and useful Improvement in Washboards, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, wherein—

10 Figure 1 is a front elevational view of my improved washboard. Fig. 2 is a vertical cross-sectional view through the same. Fig. 3 is a detail view of one of the loose strips. Fig. 4 is a detail view of one of the cross-
15 pieces.

This invention relates to a new and useful improvement in washboards, and particularly to the frame thereof, the rubbing-surface being composed of friable material.

20 The object of this invention is to construct a frame for washboards which will preserve the friable rubbing-surface from breakage.

With this object in view the invention consists, generally stated, in arranging two loose
25 strips capable of independent movement on each side of the rubbing-surface, said strips being held in place by recesses in the ends of the cross-pieces, which are received in pockets in the side rails or legs of the frame.

30 Other features of invention reside in the construction, arrangement, and combination of the several parts of my invention, all as will hereinafter be described, and afterward pointed out in the claims.

35 In the drawings, A indicates the side rails or legs of the frame, which are preferably formed with pockets in their inner faces to receive the cross-pieces B, which frames are also preferably recessed or grooved between
40 the pockets to receive the rubbing-surface C and the loose strips D, which are preferably made of wood and which are arranged on each side of the rubbing-surface to hold the same in place. These loose strips are capable of
45 independent movement to absorb any shocks or jars and prevent the rubbing-surface from breaking should the board be permitted to drop. To hold these loose strips in place in the grooves in the side rails, I notch or recess
50 the cross-pieces B at their ends, as shown at b, (see Figs. 1 and 4,) and the strips extending above and below the rubbing-surface into the recesses are prevented from falling out.

E indicates the head-piece arranged at the upper ends of the side rails, which head-piece 55 is preferably secured in place by dovetailing.

F indicates the brand-board, which is received in a groove in the under side of the head-piece at its upper end, its lower end extending down to the top cross-piece B, forming a drip-space. 60

In assembling the board it is only necessary to use a small nail to key the lower cross-piece in its pockets and nails to secure the dovetailed joint between the head and side rails. 65

Nailing the brand-board on gives sufficient rigidity to the frame.

The rubbing-surface is preferably made of corrugated glass and, being mounted between two pairs of loose strips, is not liable to break 70 under conditions, such as the board is subjected to ordinarily, and should the board ever fall these loose strips will take the vibrations and by reason of their non-rigidity will save the glass from breaking. 75

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A washboard consisting of a frame having grooved side rails, a rubbing-surface of 80 friable material having its edges located in the grooves, holding-strips of a length substantially the length of the grooves and of a width less than the space between the rubbing material and side wall of the groove and 85 loosely held in such spaces between the rubbing-surface and groove-walls, and the securing-bar B having recessed ends in which the ends of the holding-strips are placed.

2. A washboard consisting of a frame having 90 grooved side rails, a rubbing-surface of friable material having its edges located in the grooves, holding-strips of a length substantially the length of the grooves and of a width less than the space between the rubbing-surface and groove-walls, and means for 95 loosely securing the holding-strips in place.

In testimony whereof I hereunto affix my signature, in presence of two witnesses, this 23d day of November, 1895.

JOSEPH W. SHEPPARD.

Witnesses:

F. R. CORNWALL,
HUGH K. WAGNER.