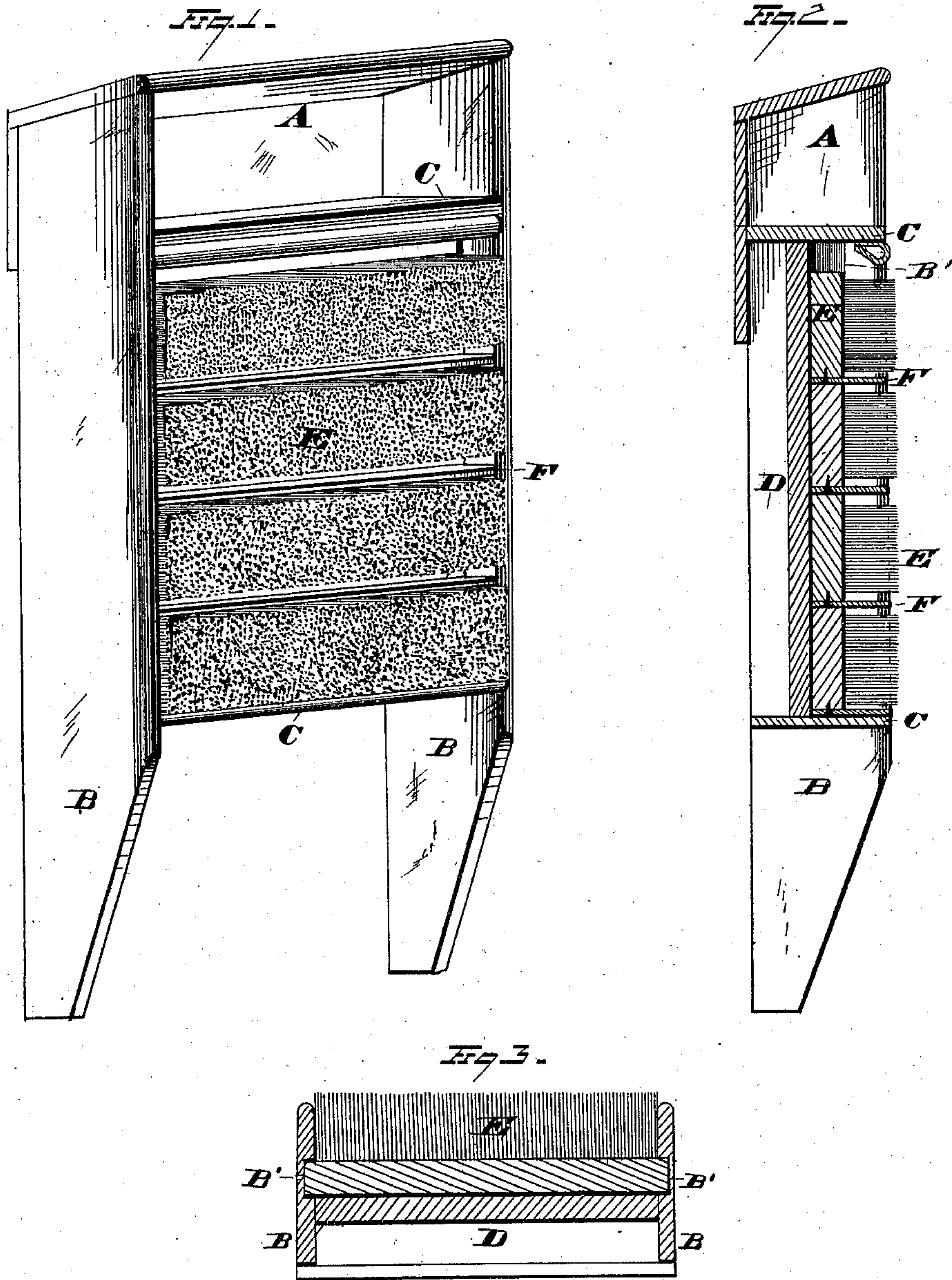


G. GALLUP.  
WASH-BOARDS.

No. 194,595.

Patented Aug. 28, 1877.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

GLEN GALLUP, OF CLEVELAND, OHIO, ASSIGNOR OF ONE-HALF HIS RIGHT  
TO HULDAH WOODFORD, OF SAME PLACE.

## IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **194,595**, dated August 28, 1877; application filed  
June 14, 1877.

*To all whom it may concern:*

Be it known that I, GLEN GALLUP, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Wash-Boards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to a new and useful improvement in wash-boards; and consists in forming the same with a rubbing surface composed of brushes, made adjustable or removable, and combining with the brushes intermediate strips of rubber or its equivalent, which operate as stops to catch the suds and hold it in contact with the clothes, and as a resistance against which the bristles of the brush may strike.

In the drawings, Figure 1 is a perspective view of a wash-board embodying my invention. Fig. 2 is a longitudinal central section of the same; Fig. 3, a cross-section.

A is a frame of ordinary construction. B B are the legs or supports, provided each with a groove, B', into which the brush backs are slid. C C are cleats slipped in or otherwise secured between the legs or supports B to hold the brushes in their places. D is a solid back to prevent the water and suds from draining from the brushes right through into the tub. E are the brushes, of ordinary construction, their edges projecting into the grooves B' in the legs B. F are strips of rubber or packing, or other suitable water-proof

material, interposed between the brushes and coming up nearly to the tops or free ends of the bristles. The design of these rubber strips is to catch the suds and hold it in contact with the clothes, and not permit it to drain off between the brushes. The strips F also serve as stops or resistances to the bristles, and prevent the bristles from throwing the water upon the person washing. The brushes are made preferably in sections, so that either one, if damaged, may be readily replaced by a new one, and they thereby offer facilities for the ready attachment of the strips of rubber.

It will be observed that the ends of the bristles on the brushes E project only slightly above the edges of the legs or supports B. The object of this construction is to support the bristles, and at the same time to form with the strips F a sort of pocket that will retain the suds.

What I claim is—

1. A wash-board having its face or rubbing-surface composed of two or more removable brushes and intermediate flexible strips, substantially as described.

2. A wash-board having its face or rubbing-surface composed of two or more removable brushes and intermediate flexible strips, the same supported upon a solid backing, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GLEN GALLUP.

Witnesses:

FRANCIS TOUMEY,  
W. E. DONNELLY.