

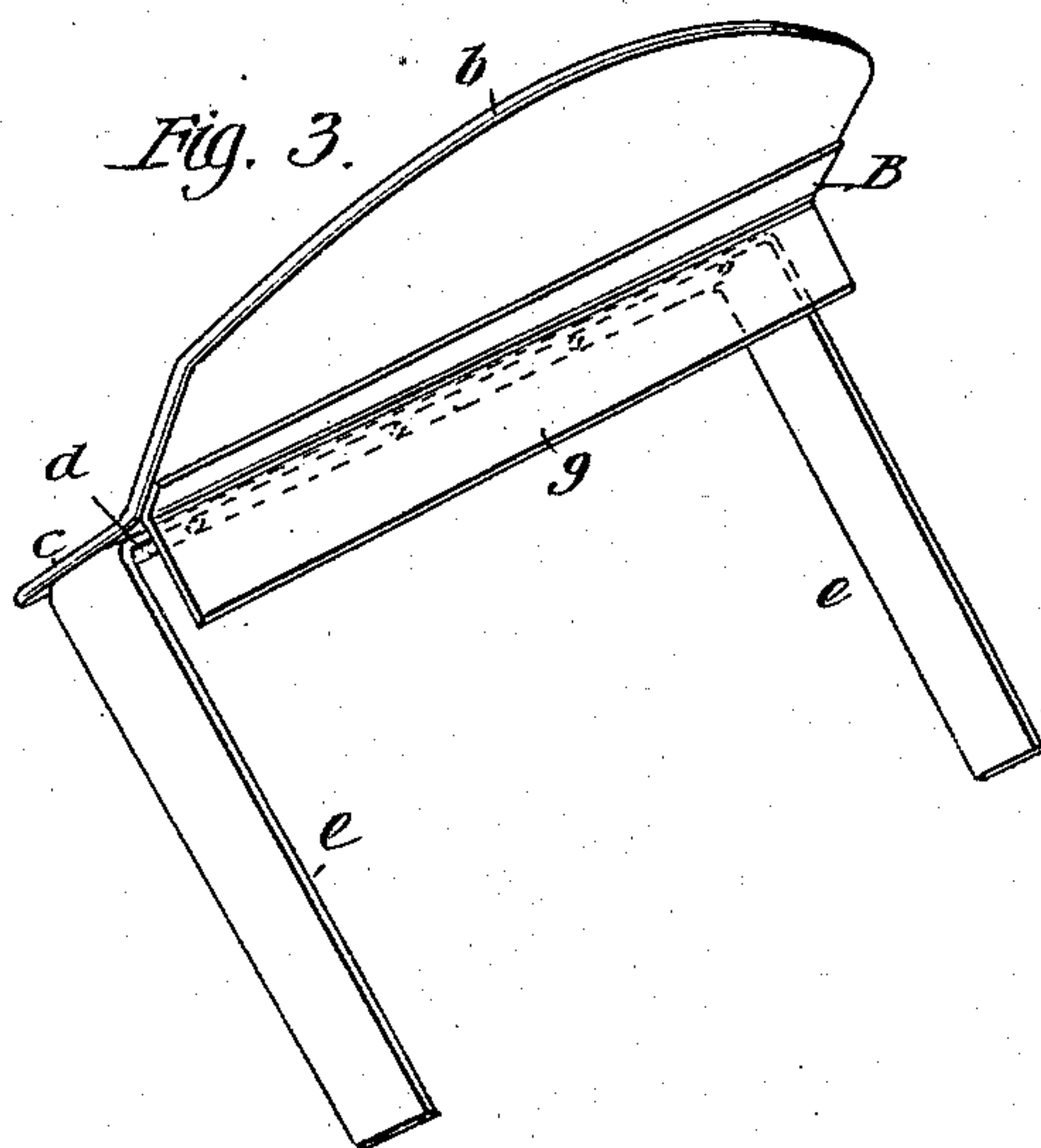
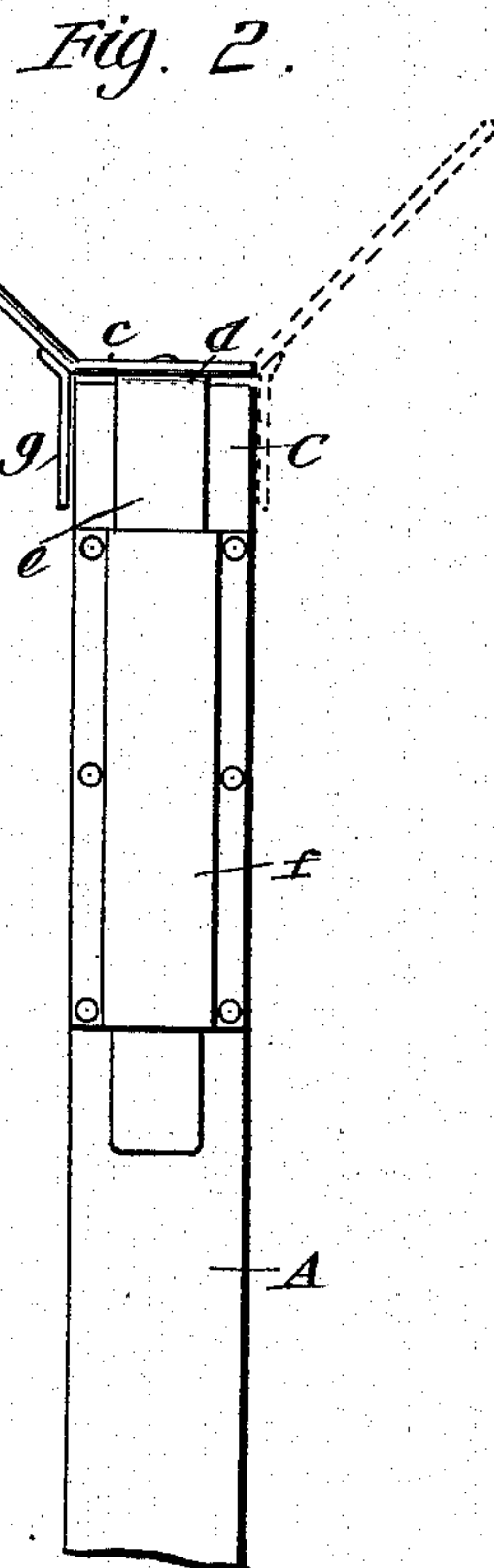
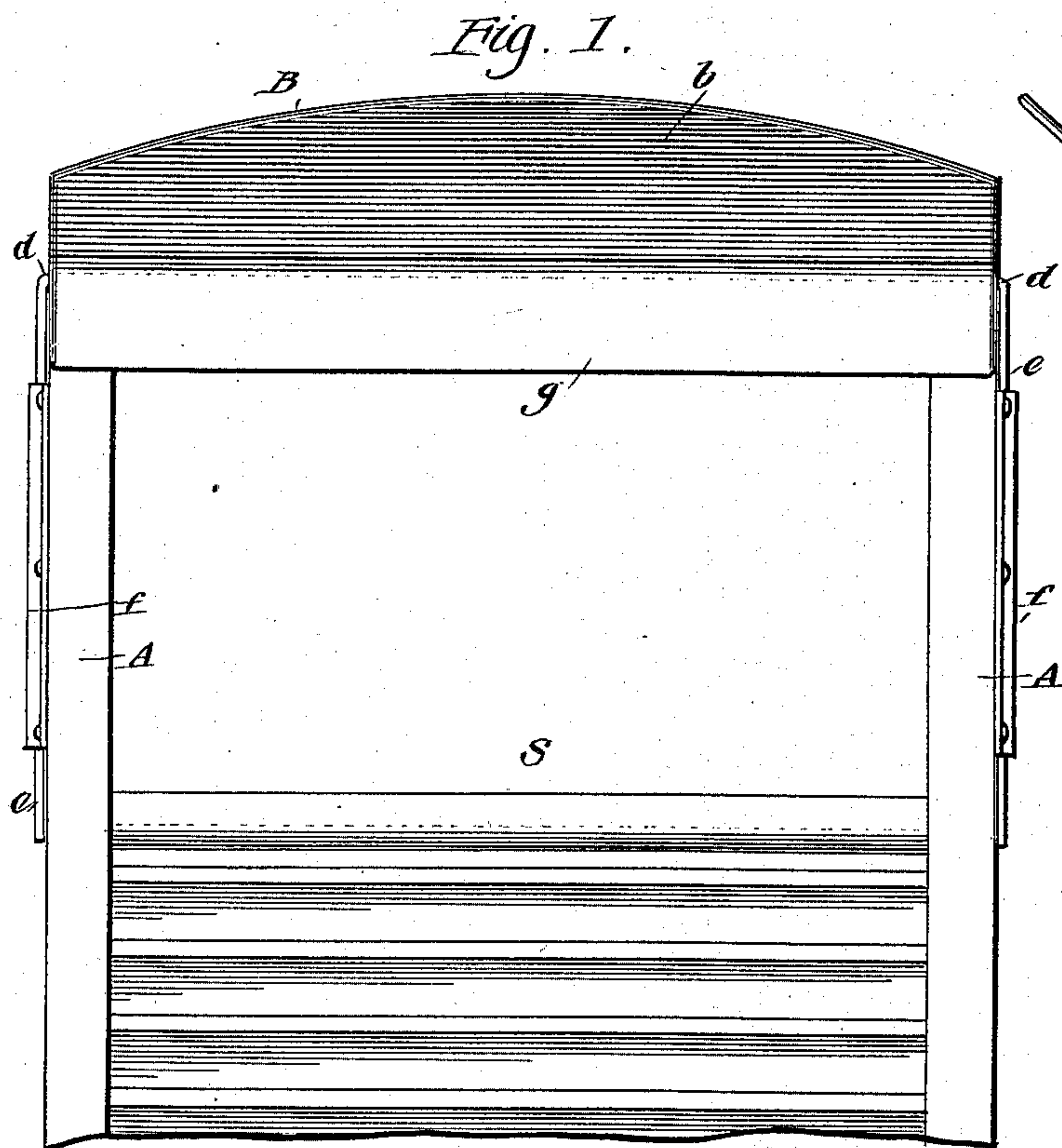
(No Model.)

D. G. STONE.

WASH BOARD.

No. 413,418.

Patented Oct. 22, 1889.



WITNESSES:

*H. Clark.*  
*C. Sedgwick*

INVENTOR:

*D. G. Stone*  
*Munn & Co.*

BY

ATTORNEYS.



# UNITED STATES PATENT OFFICE.

DUDLEY G. STONE, OF NEGAUNEE, MICHIGAN.

## WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 413,418, dated October 22, 1889.

Application filed July 22, 1889. Serial No. 318,260. (No model.)

*To all whom it may concern:*

Be it known that I, DUDLEY G. STONE, of Negaunee, in the county of Marquette and State of Michigan, have invented certain new  
5 and useful Improvements in Protectors for Wash-Boards, of which the following is a full, clear, and exact description.

This invention relates to the attachment to wash-boards commonly known as "protectors," used to prevent the suds or water and soap being splashed up from the wash-tub and wash-board onto the clothes of the person engaged in rubbing the clothes on the board. Such protectors have been variously  
15 constructed and have been made reversible, so as to adapt them to either single or double wash-boards—that is, wash-boards either with a single rubbing side or face or with opposite rubbing-faces; and my invention consists in  
20 a removable protector of this description of novel construction, substantially as herein-after described, and pointed out in the claims, and which is not only cheap and effective, but is capable of ready application to wash-  
25 boards of ordinary construction whether provided with other protectors or not, and is firmly held in position when in place on the frame of the wash-board without any special locking-pin liable to work loose.

30 Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a face view of a wash-board in part having my improved protector applied. Fig. 2 is an end elevation of the same, and Fig. 3 a view in perspective of the protector detached.

40 A A are side sticks or standards of the frame of an ordinary wash-board S, which frame need be of no special construction to adapt the protector to it and requires no extra cross-pieces or supports therefor.

45 The removable or detachable and reversible protector B may be made of any suitable material, but preferably of metal, and consists in part of an inclined guard-plate or shield *b*, having a flat base portion *c*, which is riveted or otherwise rigidly secured to a

supporting-strip *d*, that, together with the  
50 shield *b* and base-piece *c*, extends the full width of the wash-board and is bent down at its ends at right angles to its length to form supporting-legs *e e* for the protector. These  
55 legs *e e*, when the protector is applied to the wash-board, fit down within suitable sockets *f f*, secured in any suitable manner to the side pieces A A of the wash-board, and the supporting-strip or cross-piece *d*, with the at-  
60 tached shield *b* and base-piece *c*, lie on top of the ordinary top cross-piece C of the frame of the board. Where the inclined shield *b* joins the base-piece *c* is a downwardly-projecting flange *g*, extending the full width of  
65 the wash-board, or thereabout, and serving to close the opening between the upper cross-piece C of the board and the supporting-strip of the piece *d* of the protector, and thereby  
70 preventing any water splashed up from the wash-tub from passing out through such opening or space to wet the operator; but all water or suds splashed up from the tub in direction of the operator will strike the inclined  
75 shield *b* and be made to run down back into the tub, the shield *b* being of any desired angle for the purpose. The protector thus constructed will be rigidly held in position on  
80 the wash-board by the legs *e e* entering down within the sockets *f f*, and will require no other fastening (liable to get loose) to hold it  
85 in place. It is altogether independent of any soap-box, and may be readily detached and reversed when required, as shown by full and dotted lines in Fig. 2, to adapt it to opposite  
90 sides of the wash-board when the latter has double or opposite rubbing-faces.

The sockets *f f*, down within or through which the legs *e e* fit, might be made of mere staples, if desired, and the protector from its general construction is applicable to wash-  
95 boards of ordinary or other construction.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a removable or  
95 detachable and reversible wash-board protector, substantially as described, and having an inclined upper shield and supporting side

legs, of sockets adapted to be carried by said board and constructed to receive said legs down within or through them, as set forth.

2. As a new article of manufacture, the  
5 within-described wash-board protector, consisting of the inclined shield *b*, base-piece *c*, downwardly-projecting flange *g*, and attached

cross-strip *d*, having its ends bent down and forming legs *e e*, for attachment of the protector to the wash-board, as set forth.

DUDLEY G. STONE.

Witnesses:

FRANK D. STONE,  
GRACE STONE.