

C. J. CASPAR.  
 SHELF SUPPORT.  
 APPLICATION FILED JUNE 13, 1910.

993,753.

Patented May 30, 1911.

Fig. 1.

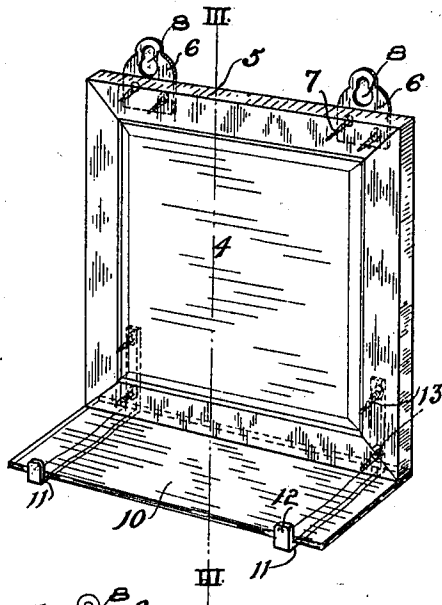


Fig. 2.

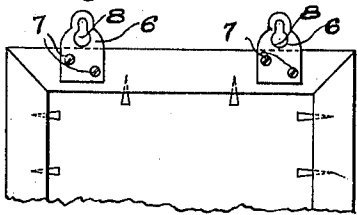
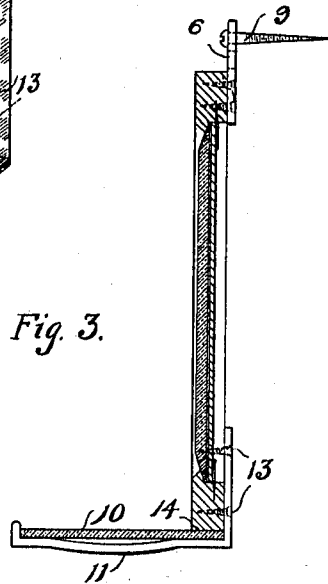


Fig. 3.



WITNESSES

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INVENTOR

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# UNITED STATES PATENT OFFICE.

CHARLES J. CASPAR, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO THE PITTSBURG PLATE GLASS COMPANY, OF PITTSBURG, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

## SHELF-SUPPORT.

993,753.

Specification of Letters Patent. Patented May 30, 1911.

Application filed June 13, 1910. Serial No. 566,604.

*To all whom it may concern:*

Be it known that I, CHARLES J. CASPAR, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Shelf-Supports, of which the following is a specification.

This invention has reference to an improved form of shelf support designed particularly for use in connection with shelves formed of plate glass and adapted to be employed in conjunction with plate glass mirrors or other analogous structures such as are commonly used as toilet fixtures in bath rooms.

The first of the objects of this present invention is the provision of a device of the character specified in which the glass shelf will be suitably held without the need of any binding or attaching screws, and which can be readily removed for cleaning and will nevertheless be firmly and properly kept in position while it is in place. A further object of the improvement is the provision of a device of the character indicated which can be hung upon the wall as easily as a picture and can be readily taken off and moved from place to place, and thus need not become a permanent fixture or portion of the building.

A further object of the improvement is the provision of a shelf support of the character specified which will have stability as against a tilting or swinging tendency and will also present a neat and attractive appearance and be capable of manufacture at a minimum cost.

The above, as well as such other objects as may hereinafter appear, are attained by means of a construction which I have illustrated in preferred form in the accompanying drawing, wherein

Figure 1 is a perspective view of my improvement,

Figure 2 is a partial back view of the same, and

Figure 3 is a sectional view on the line 3—3 on Figure 1.

Referring now more particularly to Figure 1, it will be seen that I have therein shown a mirror 4 mounted within a frame 5, which may be made of wood or other suitable material, and provided at its upper edge with two supporting hangers 6, secured to the frame 5 by means of the screws 7, each of said hangers having an aperture 8 constructed so that it can be readily engaged with the projecting head or end of a screw 9. At the lower edge of the frame I provide a plurality of supporting brackets 11, turned up at their outer ends as indicated at 12 and secured to the back of the frame 5 by means of screws 13 shown in Figure 3. These bracket supports are preferably made of spring metal so that the shelf 10, when in place, will be pinched slightly between the brackets and the under edge of the frame at the place marked 14 in Figure 3.

It will be evident on examination of the construction shown that the provision of the two supporting or hanger plates 6 located at the upper edge of the frame will prevent the tilting or swinging of the shelf 10 and will at the same time afford a secure support in every way both for the shelf and for the mirror 4 and one which will permit ready removal of the glass plate for cleaning, or of the entire device if it is desired to place it somewhere else.

Having thus described my invention and illustrated its use, what I claim as new and desire to secure by Letters Patent is the following:—

In combination with a flat frame adapted to be supported against a wall, of a pair of spring brackets therebeneath but spaced away from the lower edge thereof and having their rear ends turned up behind the frame, and their front ends provided with upright projections, and a shelf of vitreous material lying with its rear edge between the brackets and the lower edge of the frame and with its front edge against the said

projections, whereby the glass is releasably held in position until the spring brackets are bent downwardly to permit the glass to be slipped over them, the distance between the  
5 lower edge of the frame and the brackets being such that the glass is yieldingly clamped in position.

In testimony whereof I have hereunto signed my name in the presence of the two subscribed witnesses.

CHARLES J. CASPAR.

Witnesses:

PAUL SYNNESTVEDT,  
I. M. BLAINE.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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