Sept. 7, 1937. I. B. VAN WERT 2,092,234

WINDOW SHELF

Filed Jan. 18, 1936

Fig. 1.

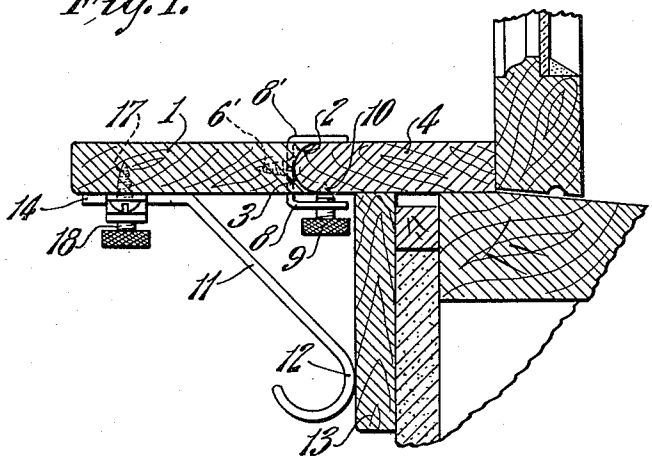


Fig. 2.

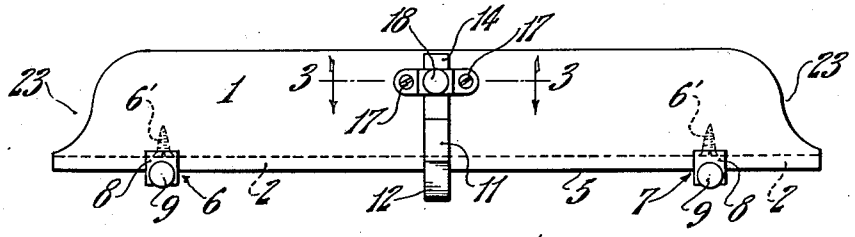
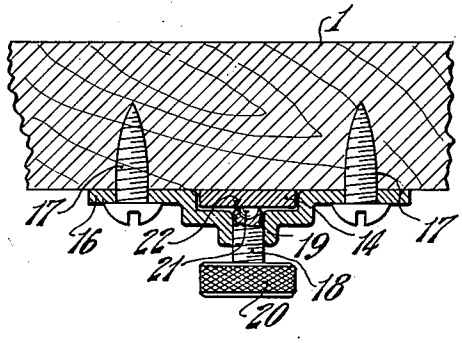


Fig. 3.



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WINDOW SHELF

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5 Claims. (Cl. 211—90)

This invention relates to improvements in window shelves.

An object of the invention is to provide an attachment, or extension of the window stool, so that the upper surface of the shelf, or the attachment, may lie in the same plane as the window stool, in order to provide a smooth and unbroken surface.

A further object of the invention is to provide a window shelf that may be readily attached to and removed from the window stool, without defacing, or injuring the appearance of the window stool, or marring it in any way.

At the present time, so far as I am aware, window shelves, as now constructed, are not located so that their upper surface is in the same plane as the upper surface of the window stool, but are located, or placed, either above or below the same.

Broadly considered, my invention comprises a shelf member, on the lower side of which is adjustably secured a brace member, the forward edge of which member is formed with a concave groove, or channel surface, for engaging and matching the forward edge of the window stool. U-shaped threaded bracket members are provided, near the ends of the shelf, at the grooved formed edge of the window shelf in the lower arm of each of which brackets a setscrew is located for engaging the lower surface of the window stool, each of these setscrews being formed with a pointed-shaped end, which will embed itself in the lower surface of the window stool and thereby prevent the accidental removal of the shelf.

Referring to the drawing:—

Fig. 1 is a vertical, sectional view, through the shelf, the window stool, sub-base, window sill, and a portion of the lower sash.

Fig. 2 is a bottom plan view of the window shelf, showing the brace member and the setscrews in one of the attaching brackets, and

Fig. 3 is an enlarged, transverse, sectional view on the line 3—3 of Fig. 2, showing the means for adjustably securing the shelf brace member, in place.

Referring to the drawing in detail:—

1 designates the window shelf member, which is formed on its forward edge with a concave, or grooved surface 2, that is designed to closely fit, or match, with the curved, or outer edge surface 3 of the window stool 4, whereby a substantially closed joint is provided between the window shelf 1 and the window stool 4. Located in the forward edge 5 of the shelf 1 are two U-shaped, metal bracket members 6 and 7, that are secured to the shelf 1 with the screws 6'. The brackets have their lower arm portions 8 formed with a threaded opening to receive a threaded setscrew 9 and the upper arm 8', which rests on the window stool 4. This setscrew is formed with a pointed-shaped end 10 which will embed itself in the lower, or under surface, of the wooden window stool 4, when the shelf 1 is attached in place to the window stool. 11 designates a brace member for supporting the outer, or forward edge, of the shelf 1, when attached. This brace member is formed with a curved lower end 12 for engaging the sub-base member 13. The opposite end of the brace 11 is formed with the arm portion 14, that engages the under side of the shelf. This arm portion is located under the channelled strap member 16, as shown in detail in Fig. 3. This strap member is secured to the shelf 1 by means of the screws 17. 18 designates a setscrew that is threaded through the raised portion 19 of the strap. The setscrew 18 is formed with a milled head 20. The inner end of the setscrew 18 is formed with a recess portion 21 and the sharp edge, or ridge 22, which will engage the metal arm portion 14 and form a depression therein, when tightened, so that the brace 11 is firmly held in its adjusted position. It will be understood that the brace 11 is thereby easily adjusted to fit window stools of different widths, when the shelf 1 is to be secured in place. The opposite ends of the shelf 1 are formed with cutaway portions 23, so as to permit a window curtain to pass downwardly by the ends of the shelf, should this shelf be made the same width as the window stool 4.

From this description, it will be seen that I have provided a window shelf for attachment to the window stool 4, and one that is simple and inexpensive in construction; also, one that can be applied to a window stool of any thickness. It is readily attached and removed by simply operating the setscrews 9 and 18.

What I claim is:—

1. A window shelf device for extending the normal width of a window stool in the same plane with the upper surface of the window stool comprising a shelf member, a brace secured on the shelf member, U-shaped clamps recessed into an edge of said shelf member and secured to the shelf member, said clamps extending over and under the window stool, a screw in each of said brackets engaging the lower forward edge of said stool for attaching said shelf member to the window stool with the edge of said shelf mem-

ber engaged against the edge of said window stool and with the upper surface of the shelf member in the same plane with the window stool, said brace extending from the forward edge of the shelf member to the apron of the window stool.

2. In a window shelf device for extending the normal width of a window stool including, a shelf member, a brace secured to the forward edge of the shelf member and engaging the apron of the window stool, means for attaching the forward edge of the shelf member to and in engagement with the outer edge of a window stool, and with the upper surface of the shelf member and window stool located in the same plane, said attaching means comprising U-shaped brackets that are recessed into and secured to the forward edge of the shelf member, one of the arms of the said brackets resting on the upper surface of the window stool and the other arm of the said brackets being located beneath the forward lower edge of a window stool and having a threaded opening, a setscrew in the opening that engages the lower surface of the window stool.

3. In a window shelf extension construction, a shelf member having a concave edge for engaging the convex front edge of a window stool, attaching bracket means secured to said shelf member in said concave edge for detachably securing said shelf member to the window stool with the surfaces of the shelf member and window stool in the same plane and continuous, and brace means adjustably secured to said shelf member and abutting the apron of the window stool for supporting the outer edge of the shelf member, said attaching bracket means including members located above and below said concave edge and over and under the window stool, the lower of said members being threaded and provided with a setscrew.

4. In a window construction including a window stool having a convex inner edge, a shelf formed with a concave edge adapted to snugly fit and register with the convex edge of the window stool, a clamping member recessed into the concave edge of said shelf and rigidly secured to said shelf and provided with arm portions extending outwardly beyond the convex edge of said stool for engaging the top and bottom surfaces of said window stool, a pointed thumb screw in one of said arm portions, whereby said screw may be embedded in said window stool and thereby cooperate with said clamping member to hold said concave and convex edges in engagement.

5. In a window construction including a stool and apron, a shelf provided with a recessed edge for snugly fitting and registering with the edge of the window stool, means for removably securing said shelf to said stool with the upper surfaces of shelf and stool flush comprising brackets secured to said shelf in said recessed edge and provided with means for engaging said stool, and adjustable brace means on the under side of said shelf for supporting the outer edge of said shelf, said brace means comprising a strap member secured on the under side of said shelf and provided with a cone pointed setscrew and a brace member slidably supported in said strap member and adjustably positioned by said setscrew, said brace member being formed with a rolled end for engagement against said apron.

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