E. H. BARTLETT.

ADJUSTABLE WINDOW SHELF.

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1,224,127.

Patented May 1, 1917.

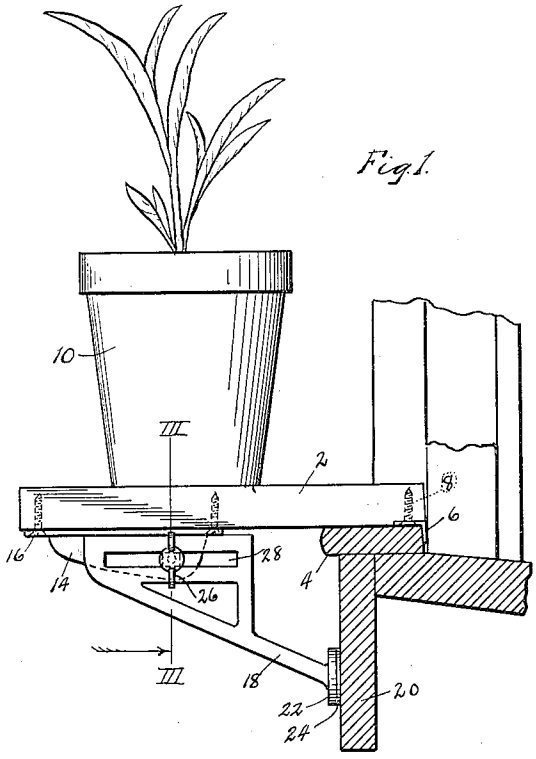


Fig. 1.

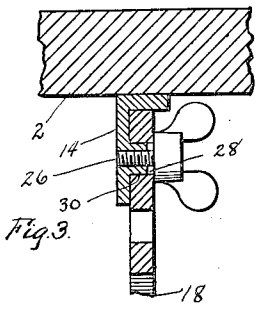


Fig. 3.

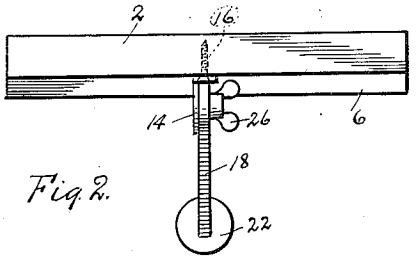


Fig. 2.

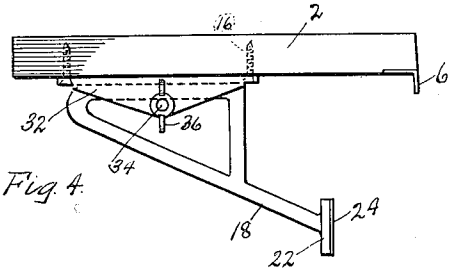


Fig. 4.

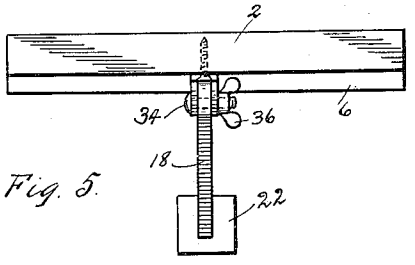


Fig. 5.

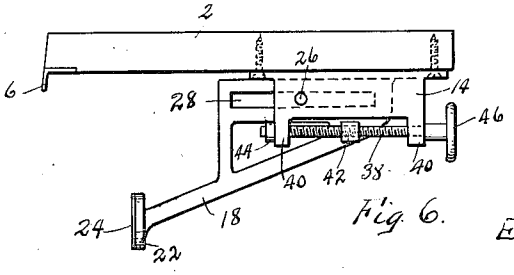


Fig. 6.

WITNESS:

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ADJUSTABLE WINDOW-SHELF.

1,224,127. Specification of Letters Patent. Patented May 1, 1917.

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To all whom it may concern:

Be it known that I, EARLE H. BARTLETT, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Adjustable Window-Shelves, of which the following is a full specification.

This invention relates to shelves for plants or the like, and aims to provide a simple and convenient construction of portable shelf adapted to be removably mounted upon ledges, such as stools of windows or analogous structures. It is also sought to devise a shelf of this character which will permit lowering of the window sash into closed position without removal of the shelf. A further object is to include provision for adjustment for enabling the shelf to be used in connection with ledges or stools of various widths.

With this general object in view the invention will now be described with reference to the accompanying drawing forming a part of this specification and illustrating two forms of embodiment of the invention, after which those particular features deemed to be novel will be severally set forth and defined in the appended claims.

In the drawing—

Figure 1 shows a side view of a shelf embodying the present improvements, illustrating the same mounted upon a window stool, the latter appearing in section;

Fig. 2 is a front view of the shelf;

Fig. 3 is a section on the line III—III of Fig. 1;

Figs. 4 and 5 are side and front views, respectively, of the shelf provided with a modified form of adjustable bracket support; and

Fig. 6 is a side view illustrating means which may be employed for effecting adjustment of the bracket supporting means.

Referring to the drawing in detail, this illustrates the device as comprising a horizontal shelf portion proper, 2, the rear portion of which is designed to be supported upon a ledge, such as a window stool, 4, or the like, and said rear portion is accordingly provided with a hooked margin in the form of an angular strip, 6, for the purpose of embracing the rear or sash face of the stool, the strip 6 being secured to the bottom face of the shelf portion 2 by means of screws 8. Since the device is designed more particularly for the support of plant pots 10 in windows, in the manner illustrated in Fig. 1, and it is often desired to raise or lower the sash 12 without removing the shelf, the rear edge of the member 2 and the depending portion of the strip 6 are formed with a slight bevel or incline, as shown, whereby proper clearance is afforded for partial lowering of the sash with the shelf remaining in its position upon the stool.

For supporting the front portion of the shelf member 2, the same is provided with brace or bracket supporting means comprising a plate 14 secured by screws to the bottom face of the shelf member 2, and an inclined adjustable brace member 18 designed to project into engagement with the face of the wall 20, at a point below the stool. The brace member 18 is formed with a foot portion 22 faced with felt or the like, 24, for contact with the wall, and adjustable connection is made with the plate 14 by means of a wing-headed bolt 26, the shank of which projects through the slot 28 of the brace member (see Fig. 3). Thus by virtue of this slot and bolt connection the brace member 18 may be adjusted forwardly or rearwardly for different widths of stools 4 and clamped in adjusted position by means of the bolt 26.

A modified form of adjustable bracket or brace connection is illustrated in Figs. 4 and 5, this construction comprising a channel plate 32 and bolt 34 with wing-nut 36, whereby the upper arm of the brace member is simply clamped within the channel plate after being adjusted, no provision for a narrow slot (as at 28 in the first form) being needed in this arrangement.

In Fig. 6 is illustrated the same construction as outlined in Figs. 1–3, but provided with additional means whereby the adjustment of the brace member 18 may be conveniently effected. An adjusting screw 38 is journaled in bearings 40, 40, formed on one face of the plate 14, and this screw cooperates with a threaded stud 42 formed on the frame of the brace member 18,—a collar 44 and a thumb-piece 46 on opposite ends of said screw preventing endwise movement thereof. Obviously on loosening of the bolt 36, the brace member 18 may be readily adjusted through the medium of the

thumb-piece 46 and screw 38, and reclamped by means of the bolt 26.

It will thus be apparent that an extremely simple and convenient construction has been devised for carrying out the desired objects of the invention. As it frequently happens that window stools are too narrow for the support of plants in a safe manner, the present shelf may be brought into instant use regardless of how narrow the stool may be, and in case the shelf is used with different stools of different widths, the required adjustment of the bracket supporting means may quickly be made for such different widths and to maintain the shelf in proper horizontal position. And it will also be readily understood that the formation of the rear or hooked portion of the shelf is such as to permit of the same being left in position even when the window sash is lowered, and that the window opening may be entirely closed without requiring the shelf to be disturbed.

While the foregoing represents what have been found to be practical embodiments of the invention, the right is reserved to such formal changes or modifications as may fairly fall within the scope of the appended claims.

Claims:

1. A window shelf comprising a horizontal shelf member adapted to be supported with its outer portion resting upon the window stool, a thin strip depending from the outer edge of the shelf member to engage the sash side of the stool and permit the sash to be fully lowered outside the said strip, and a supporting member extending downwardly and outwardly from the shelf member to engage the wall beneath the stool.

2. A window shelf comprising a horizontal shelf member adapted to be supported at its outer portion upon the window stool and having its outer edge beveled for permitting lowering of the window sash below the top surface of the shelf, a hook member secured to said outer portion of the shelf member and depending in position to engage the sash side of the stool, and a supporting member extending downwardly and outwardly from said shelf portion in position to engage the wall beneath said stool.

EARLE H. BARTLETT.