July 26, 1949. L. D. BURGESSER 2,477,509

WINDOW BOX

Filed July 22, 1947

Fig. 1

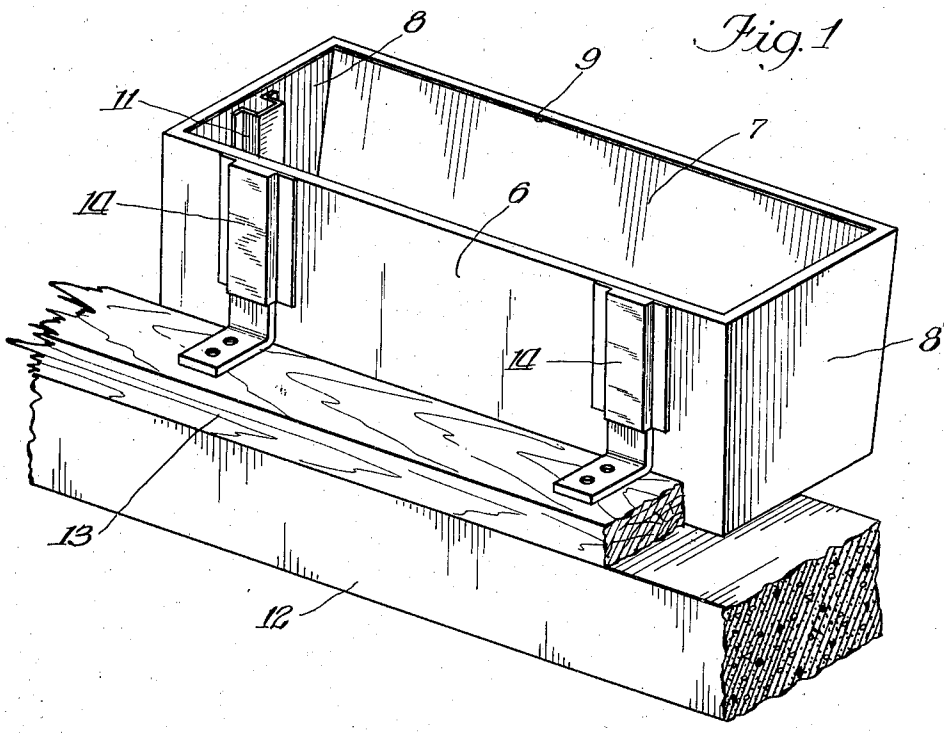


Fig. 2

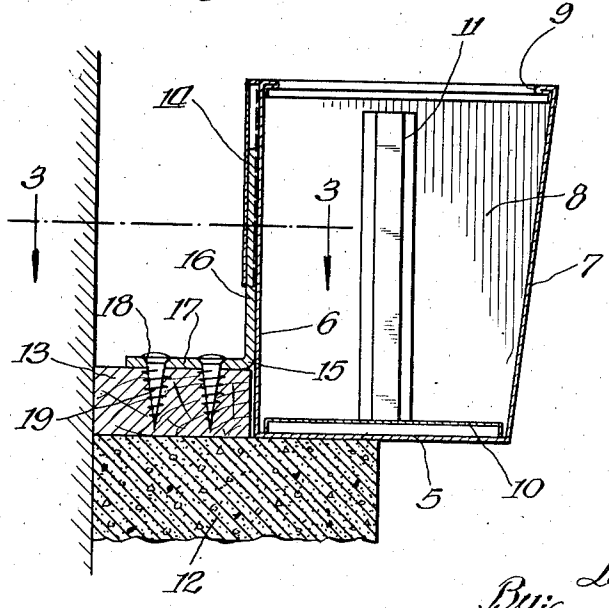
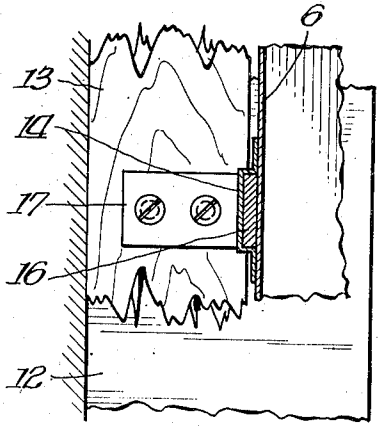


Fig. 3



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WINDOW BOX

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3 Claims. (Cl. 211—88)

1

The invention relates to a window box for flowers or the like and has as a general object to provide a window box of new and improved construction.

A more particular object is to provide a window box which when properly mounted will be securely held against accidental loss off the window sill and yet may be easily and quickly removed or replaced to facilitate cleaning, replanting or winter storage.

Still another object is to provide a window box having securing means which is self-adjusting to adapt attachment thereof to sills of varying thickness.

Other objects and advantages will become apparent from the following detailed description taken in connection with the accompanying drawing, in which:

Fig. 1 is a perspective view taken from the rear of a window box embodying the features of this invention.

Fig. 2 is an enlarged transverse sectional view taken through one of the attaching means.

Fig. 3 is a fragmentary horizontal sectional view taken approximately along the line 3—3 of Fig. 2.

While the invention is susceptible of various modifications and alternative constructions, it is here shown in the drawing and will hereinafter be described in a preferred embodiment. It is not intended, however, that the invention is to be limited thereby to the specific disclosure made. On the contrary it is intended to cover all modifications and alternative constructions falling within the spirit and scope of the invention as defined in the appended claims.

As shown in the drawings for purposes of illustration, the invention comprises a box or container having a bottom 5, a rear side wall 6, a front side wall 7, and end walls 8. While the box might be made of a variety of materials, it preferably is and herein is shown as made of metal. To reinforce the box, the upper edges of the side and end walls are bent horizontally inwardly, thence back upon themselves, and thence downwardly parallel with the walls to form an inwardly extending flange 9. Preferably the box is provided with a perforated false bottom 10 and on its end walls 8 is formed with watering channels 11 which terminate just short of the bottom of the box to permit watering at the bottom.

Most windows are built with a stone, brick or concrete ledge 12 and overlying a portion of the ledge is a wooden window sill 13. Usually both the ledge and the window sill are too narrow to

2

support a window box of any worthwhile proportions so that some securing means is required in order to retain the box on the ledge or sill. Moreover, even where the ledge or sill is wide, or where a very small window box is employed, there is danger that the box will be accidentally dislodged so that a securing means is still desirable and in most instances building codes or leases require the securing of any object placed on a window sill or ledge.

Not only does the width of the window ledge or the sill vary, but the thickness of the sill frequently also varies, so that a securing means constructed for use with the average sill will not be suitable if there is any departure from average dimensions. It is a feature of this invention to provide a securing means which not only permits ready removal and replacement of a window box, but which also is self-adjusting to adapt it for use with any window sill. To that end, there is secured to the rear side wall 6 one or more, depending upon the size of the box, vertically extending channel members 14 open at the bottom and preferably closed at the top. Each channel member 14 is at the top flush with the flange 9 and extends downwardly approximately half the depth of the box. Herein the channel member 14 is of metal and is welded to the metal box. It will, of course, be appreciated that where the box is other than metal the channel member 14 may possibly be of a material other than metal and, if it is not metal, will have to be secured to the box by means other than welding.

Completing the securing means is an L-shaped angle member 15 having one leg 16 receivable slidably within the channel formed between the channel member and the rear side wall 6 and a second leg 17 formed with a pair of countersunk apertures 18 for the reception of screws 19. The length of the channel member 14 and of the leg 16 of the angle member 15 are so proportioned that the leg 16 will still project into the channel member a considerable distance when the leg 17 is flush with the bottom of the box while permitting the leg 17 to be positioned a considerable distance above the bottom of the box before the end of the leg 16 strikes the closed upper end of the channel member 14.

The preferred way of mounting a window box and particularly the box disclosed herein is to have the box rest on the stone or concrete window ledge with the angle member 15 resting on top of and secured by the screws 19 to the window sill 13. It will be readily apparent, particularly from Fig. 2, that the box may be secured in this man-

ner regardless of variations in the thickness of the sill 13 and that the securing means is self-adjusting to compensate for such variations. Thus the sill 13 might be twice as thick as here shown and the securing means would still be usable. In the other direction, the thickness of the sill 13 might vary until it completely disappears and the securing means still would be operative to retain the box. Moreover, the box is readily disengaged from the securing means simply by raising the box. This facilitates removal of the box for replanting, cleaning, winter storage and so forth. At the same time, there is no possibility that the box would be accidentally disengaged from the securing means.

I claim as my invention:

1. A window box comprising a container adapted to rest on a window ledge or sill, and means for securing said container in position comprising a channeled member secured to said container in generally vertical position with its channel facing the container and an angle member adapted to be secured to a window sill by one leg and with the other leg extending generally vertically and receivable slidably within said channeled member, said channeled member and the last mentioned leg of said angle member having lengths proportioned to maintain engagement over a range of vertical positions of said container.

2. A window box comprising a container having a true bottom wall, side walls and end walls, a perforated false bottom within said container spaced slightly above the true bottom and watering ducts on at least one of the side or end walls extending from near the top edge of the walls downwardly to a point short of the bottom, and means for securing the box in position comprising a channeled member secured to one of the walls of said container with its channel extending vertically and an angle member having one leg receivable slidably within said channeled member and another leg adapted to be made fast on the window sill with its first mentioned leg extending vertically to permit removal and replacement of the box by vertical movement of the box.

3. A window box comprising a container adapted to rest on a window ledge or sill and means for securing said container in position comprising a channeled member secured to a wall of said container externally thereof with its channel facing the container and extending generally vertically, the lower end of said channeled member terminating approximately midway between the bottom and top of said container, and an angle member adapted to be secured to a window sill by one leg and with the other leg extending generally vertically and receivable slidably within said channeled member, the vertically extending leg of said angle member having a length approximating half the depth of said container.

LESLIE D. BURGESSER.

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