

H. GREENE.
 REMOVABLE WINDOW BOX.
 APPLICATION FILED JAN. 22, 1913.

1,069,412.

Patented Aug. 5, 1913.

FIG. 1

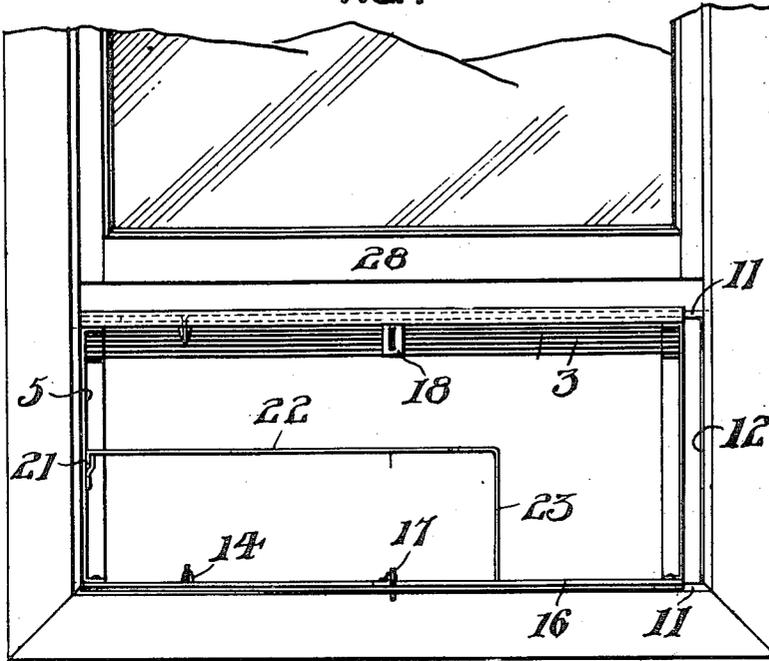


FIG. 3

FIG. 2

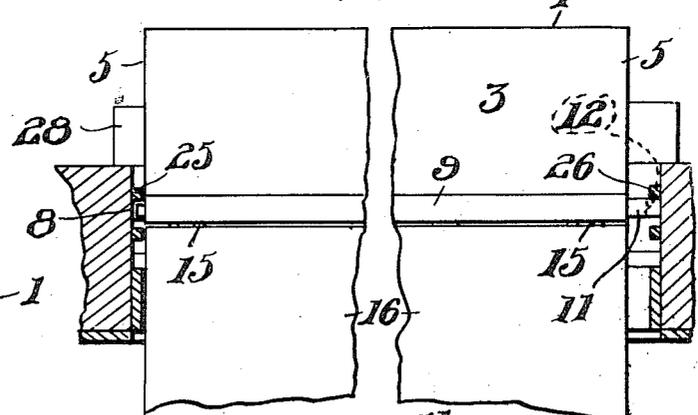
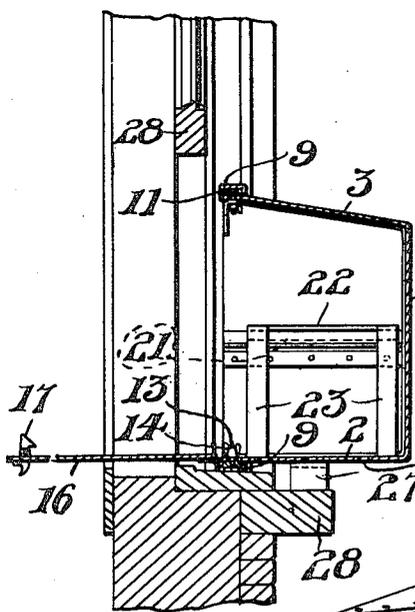
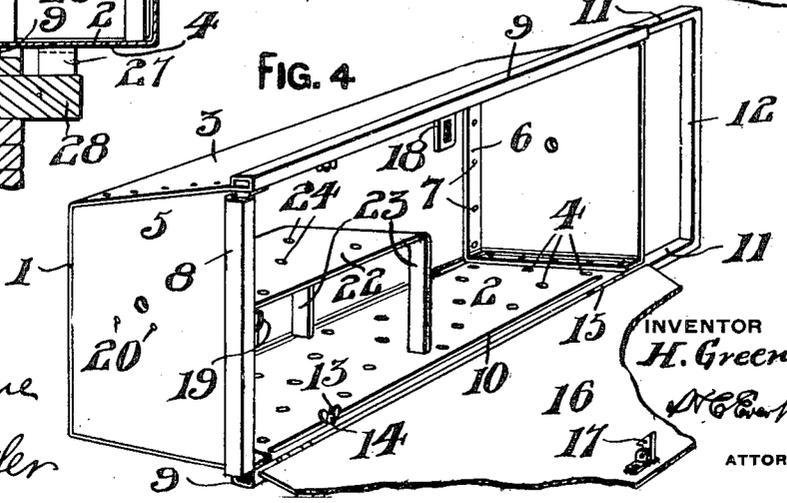


FIG. 4



WITNESSES

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REMOVABLE WINDOW-BOX.

1,069,412.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HARVEY GREENE, a citizen of the United States of America, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Removable Window-Boxes, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a removable window box, and the primary object of my invention is to provide a strong and durable metallic window box that can be utilized as a refrigerator for preserving various kinds of matter without resorting to an artificial refrigeratory agent.

Another object of this invention is to provide a removable refrigerator for window sills that is applicable to window frames of various widths, the adjusting means permitting of it being easily and quickly placed in position whereby easy access can be had to the same by simply raising the lower sash of a window frame.

A further object of this invention is to provide a sanitary and thoroughly vented window refrigerator that has a detachable shelf that can be advantageously used within the refrigerator or removed when bulky matter is to be placed therein.

A still further object of this invention is to provide a simple and inexpensive window box that consists of comparatively few parts that are highly efficient for the purposes for which they are intended.

With the above and other objects in view, the invention resides in a novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing, wherein:—

Figure 1 is an elevation of the inner side of a window frame showing the box in position and the door thereof opened. Fig. 2 is a plan of the box as positioned in a window frame. Fig. 3 is a cross sectional view of the same, and Fig. 4 is a perspective view of the box with the lid thereof partly broken away.

A window box in accordance with this invention comprises a channel shaped shell having an outer wall 1, a bottom plate 2 and a top plate 3, said bottom plate having a plurality of openings or vents 4

whereby the interior of the box is thoroughly ventilated. The ends of the channel shaped shell are closed by end walls 5 having flanges 6 that are riveted, as at 7 or otherwise connected to the ends of the shell. One of the end walls 5 has the vertical inner edge thereof provided with a channel shaped integral rib 8 that extends from the bottom of the end wall to the top thereof, as best shown in Fig. 4. The object of this rib will presently appear.

The top and bottom plates 3 and 2 have the longitudinal edges thereof provided with cases 9 corresponding in length to said plates, said cases being formed by flanging the edges of said plates. The plates 3 and 2 have longitudinal slots 10 in communication with said cases and slidably mounted in said cases are the flat parallel arms 11 of a frame 12. The arms 11 are provided with stud bolts 13 that extend through the slots 10 and are provided with winged thumb nuts 14, whereby the frame 12 can be locked in an adjusted position relatively to the box.

Hinged to the case 9 of the bottom plate 2, as at 15, is a door 16 and this door has the free edge thereof provided with a pivoted latch 17 adapted to engage in a depending keeper 18, carried by the case 9 of the top plate 3. The latch 17 and the keeper 18 are of a conventional form and constitute means for retaining the door 16 in a closed position.

The end wall 5 that is provided with the rib 8 has the inner side thereof provided with a transverse bracket 19, which is secured to said wall by rivets 20 or other fastening means. The transverse bracket 19 accommodates the flanged end 21 of a horizontal detachable shelf or stand 22 that has legs 23 supporting the opposite end thereof. This shelf or stand has ventilating openings 24 and said shelf or stand occupies approximately one-half of the box, but permits of matter being placed thereon or beneath said shelf or stand.

The longitudinal dimension of the window box is such that it can be placed in a window frame of small size and retained therein by adjusting the frame 12, which cooperates with the rib 8 in holding the box in position. As shown in Fig. 2 of the drawing, the rib 8 extends between the guide strips of one stile of the window frame and the frame 12 extends between the guide strips 26 of the other stile of the window

frame. With the case 9 of the bottom plate 2 resting upon the window frame, the bottom plate 2 can be provided with additional supports 27, that rest upon the window sill 28 and maintain the bottom plate 2 in a horizontal plane. It is preferable that the top plate 3 be slightly inclined in order to deflect rain and the forces of nature.

When the bottom sash 28 of the window frame is raised, the door 16 can be easily opened, whereby access is had to the interior of the box, and when bulky matter is to be placed in the box, the shelf or stand 22 can be removed.

The box in its entirety can be made of light and durable sheet metal that is non-corrodible or finished, whereby it will present a neat appearance and will not mar the general appearance of a window frame in which it is placed.

It is thought that the utility of the window box will be apparent without further description, and while in the drawing, there is illustrated a preferred embodiment of the invention, it is to be understood that the structural elements are susceptible to such changes, as in the size, shape and manner of assemblage, as fall within the scope of the appended claims.

What I claim is:—

1. A window box comprising a substantially rectangular body having a closed front and an open rear, one end wall and the top and bottom walls having their rear portions extended with respect to the other end wall, the extended portion of the end wall bent upon itself and upon the outer face of said wall to provide a vertically disposed rib rectangular in cross section and constituting means adapted to extend between the guide strips of one stile of the window frame for connecting one end of the body portion to the frame, the extended portions of said top and bottom walls bent upon themselves and upon the outer face of said walls to provide longitudinally extending cases, an adjustable frame including a vertical and a pair of longitudinal arms extend-

ing into said cases, said frame adapted to extend between the guide strips of the other stile of the window frame for connecting the other end of the box to the frame, said top and bottom walls of said body provided with longitudinal slots, stud bolts carried by said longitudinal arms and extending through said slots, and thumb nuts mounted upon said stud bolts and engaging the top and bottom walls for maintaining the frame in adjusted position.

2. A window box comprising a substantially rectangular body having a closed front and an open rear, one end wall and the top and bottom walls having their rear portions extended with respect to the other end wall, the extended portion of the end wall bent upon itself and upon the outer face of said wall to provide a vertically disposed rib rectangular in cross section and constituting means adapted to extend between the guide strips of one stile of the window frame for connecting one end of the body portion to the frame, the extended portions of said top and bottom walls bent upon themselves and upon the outer face of said walls to provide longitudinally extending cases, an adjustable frame including a vertical and a pair of longitudinal arms extending into said cases, said frame adapted to extend between the guide strips of the other stile of the window frame for connecting the other end of the box to the frame, said top and bottom walls of said body provided with longitudinal slots, stud bolts carried by said longitudinal arms and extending through said slots, thumb nuts mounted upon said stud bolts and engaging the top and bottom walls for maintaining the frame in adjusted position, and supports secured to said bottom wall for maintaining it in a horizontal position.

In testimony whereof I affix my signature in the presence of two witnesses.

HARVEY GREENE.

Witnesses:

MAX H. SROLOVITZ,
KATHERINE ERRETT.