Nov. 22, 1927. 1,650,315

P. ALLES

WINDOW SEAT

Filed July 11, 1927

Fig. 1.

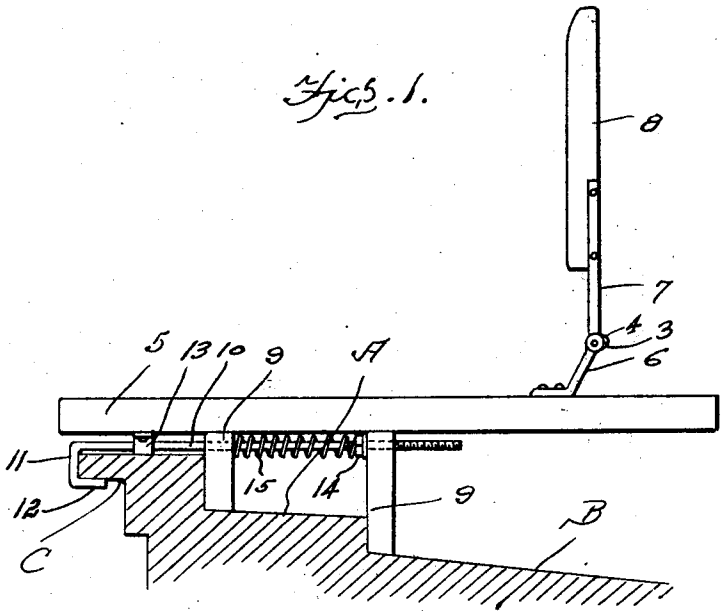
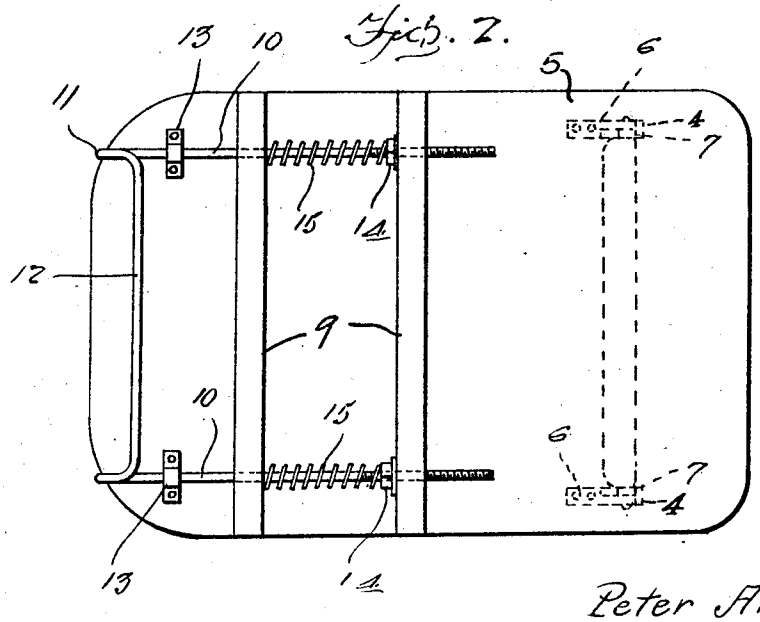


Fig. 2.



Inventor

Peter Alles

By Clarence A. O'Brien

Attorney

Patented Nov. 22, 1927. 1,650,315

UNITED STATES PATENT OFFICE.

PETER ALLES, OF BLOOMFIELD, NEW JERSEY.

WINDOW SEAT.

Application filed July 11, 1927. Serial No. 204,888.

This invention relates to new and useful improvements in window seats, particularly adapted for use by window cleaners so that they may sit down comfortably outside of the window in order that the exterior surface of the window glass may be washed, the invention aiming to provide a seat of this character that is provided with means for positively securing the seat to the window sill in such a manner as to absolutely prevent the same from becoming detached therefrom.

The invention further aims to provide a structure of this character that is adjustable to various sizes of window frames and that may be rapidly secured in position without requiring any agency outside of the means directly associated with the device itself.

In the drawing wherein like reference characters indicate corresponding parts in both of the views:

Figure 1 is a side elevation of my improved seat as actually in use, and

Figure 2 is a bottom plan view thereof.

Now having particular reference to the drawing my improved device consists of a seat board 5 of suitable material and of predetermined length and width, the width of the same being such as to permit the same to be disposed in proper horizontal position through the window frame. Adjacent the rear edge of the board 5 the same is equipped at its top surface and adjacent its opposite edges with upwardly extending brackets 6—6 to which are pivotally secured the lower ends of arms 7—7 rigidly secured to the opposite edges of a suitable back rest 8. The lower ends of the arms 7 and the upper ends of the bracket 6 are formed at their rear sides with abutments 4 and 3 respectively in such a manner as to limit the rearward swinging movement of the seat beyond a substantially horizontal position as disclosed in Figure 1, the means being however of such a nature as to permit the back rest to be swung downwardly into position upon said seat board.

Rigidly secured to the underside of the board 5 adjacent its forward edge is a pair of transversely extending longitudinally spaced cleats 9—9 of predetermined width so that the same will rest upon the lower horizontal bar A of the sash frame and upon the wall level B in back of said frame. These cleats 9—9 are formed adjacent their upper edges and at their opposite ends with registering openings through which are slidably arranged the legs 10—10 of a relatively wide U-shaped clamping member 11 that is provided with a downwardly and thence inwardly extending horizontal bight portion 12 for providing an elongated hook for engagement beneath the inner edge of the window sill C. Furthermore, these legs 10—10 are guided through brackets 13—13 arranged upon the bottom surface of the board 5 between the forward edge of the board and the adjacent cleat 9.

The ends of the legs 10—10 of said clamping unit are threaded for receiving nuts 14—14 inwardly of the rearmost cleat 9, while arranged over the legs between the nuts and the foremost cleat 9 are expansible coil springs 15—15 for the purpose of normally urging the clamp unit in a rearward direction so that the hook-shaped bight portion of the unit will tightly engage the edge of the sill C to cause the binding of the cleats 9—9 against the rear edge of the sill and the rear edge of the lower sash frame bar A. The tension of these springs may be increased by turning the nuts 14—14 inwardly upon the said legs 10—10.

It will thus be seen that I have provided a highly novel, simple, and relatively inexpensive window seat that is well adapted for all the purposes heretofore designated, and even though I have herein shown and described the invention as consisting of certain detail structural elements it is nevertheless to be understood that some changes may be made therein without affecting the spirit and scope of the appended claim.

Having thus described the invention, what I claim as new is:—

In a window seat of the character described, a seat board adapted to be disposed in horizontal position through the window frame and at the bottom thereof, a collapsible back rest associated with the board adjacent its rear end, a pair of transversely extending longitudinally spaced depending cleats arranged upon the under side of the board adjacent its inner edge for rest upon the lower window frame bar and the building wall in back of said bar, means arranged

longitudinally beneath the seat board and slidable through said cleats to facilitate the securing of the inner end of the bar to the window sill, said means consisting of a relatively U-shaped clamp, the legs of which are slidable through openings in said cleats, a depending hook formed at the inner bight end of the clamp for engagement over the edge of the window sill, and means surrounding the legs of the clamp between the cleats to normally urge said hook inwardly for firm engagement with said window sill.

In testimony whereof I affix my signature.

PETER ALLES.