

June 3, 1924.

P. D. COOK

1,496,148

WINDOW

Filed June 22, 1922

Fig. 1.

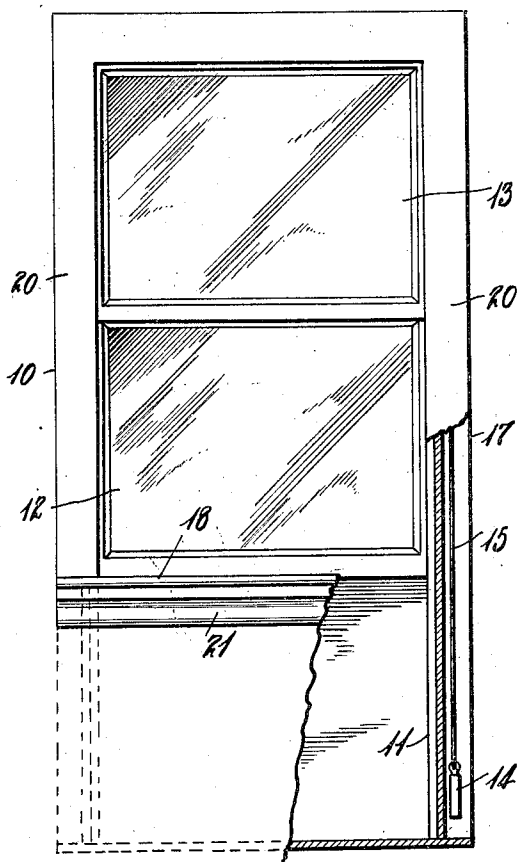


Fig. 2.

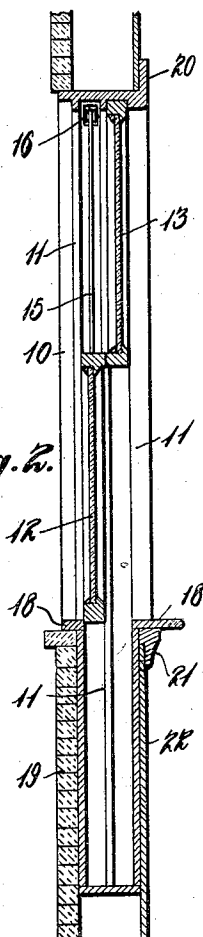
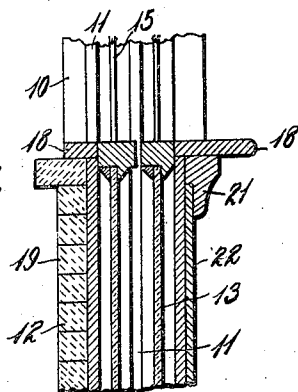


Fig. 3.



By

Inventor
P.D. Cook

Wm. Kelly Attorney

UNITED STATES PATENT OFFICE.

PHILIP D. COOK, OF NEW YORK, N. Y.

WINDOW.

Application filed June 22, 1922. Serial No. 570,113.

To all whom it may concern:

Be it known that I, PHILIP D. COOK, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Windows, of which the following is a specification.

This invention has reference to window construction and particularly to means for permitting the sashes to be concealed from view, when the window is opened.

An important object of the invention is to provide a window frame capable of being readily installed in any building structure and which embodies sashes and a pocket for encasing the same when moved to fully open the window.

A further object of the invention is to provide a window construction of the character above mentioned that is simple in construction, strong and durable, and which it is believed may be manufactured at a reasonably low cost.

Various other objects and advantages of the invention will become apparent during the continuance of the following description.

In the drawings:

Figure 1 is a front elevation of the proposed window casing, with a part broken away to disclose the construction thereof,

Figure 2 is a vertical longitudinal section of a window construction showing the casing in place, and

Figure 3 is a detailed sectional view of the lower or pocket end of the casing, with the sashes disposed therein.

The invention comprises essentially a suitable window frame or casing 10 having suitable guides 11 on the inside thereof to receive the sliding sashes 12 and 13. Each sash is provided in the usual manner with a counter weight 14 connected thereto by a cable 15, the said cable passing inwardly over a pulley at the upper end of the guide as shown to advantage in Figure 2. The sides of the casing are extended as shown at 17, to provide a channel or guide for the weight and cable.

At its lower end the frame is provided

with sill strips 18 which engage over the edge of the window frame opening 19 for supporting the frame in place, and top and side extensions 20 overlap the inside wall of the frame opening. Below the inner sill member the casing is provided with a transversely extending strip of molding 21 provided with a rabbet or groove for the upper end of the inner wall strip 22.

When the window frame is positioned in the window frame opening, the lower end is received between the spaced lower walls of the window frame opening, and, hence, provides a pocket for the reception of the sliding sashes. It will be noted from Figure 2 that the upper sash is arranged on the inside of the window and the lower sash on the outside so that when the window is closed the inner adjacent edges of the sashes will be opposite to each other and preferably, snugly engaged to provide a leak proof joint for preventing the passage of rain there-thru. At the same time the lower end of the lower sash provides a water proof joint with the outer sill 18 so as to prevent the entrance of water into the sash pocket. The sashes are freely movable vertically of the frame and may be positioned at either the top or bottom of the window opening for movement down into the sash pocket when it is desired to open the window into its full extent. The sash pocket serves to provide a convenient housing for the sashes which are thereby concealed from view and at the same time protected from injury.

The window frame is constructed as a complete unit and may be installed as such in any suitable window frame opening.

From the foregoing it is thought that the advantages and novel features of the invention can be well understood and that further detailed description thereof is not required.

What is claimed is:

A window frame having a window opening, a pocket at the lower end of said opening, normally open at its upper end, means for supporting said frame in the window frame opening of a wall, inner and outer guideways provided in the said frame, adjacent said window opening, upper and lower

sash members slidable in said guideways, said lower sash being positioned in said outer guideway and said upper sash being positioned in said inner guideway, means to hold
5 said sash in adjusted position within said window opening, said outer and lower sash being adapted in a closed position to have its lower edge providing a closure for the upper end of said pocket and its upper edge contacting with the adjacent edge of the inner sash to provide a leak proof joint therewith. 10

In testimony whereof I affix my signature.

PHILIP D. COOK.