

(No Model.)

C. F. TEUFEL.

STORM WINDOW.

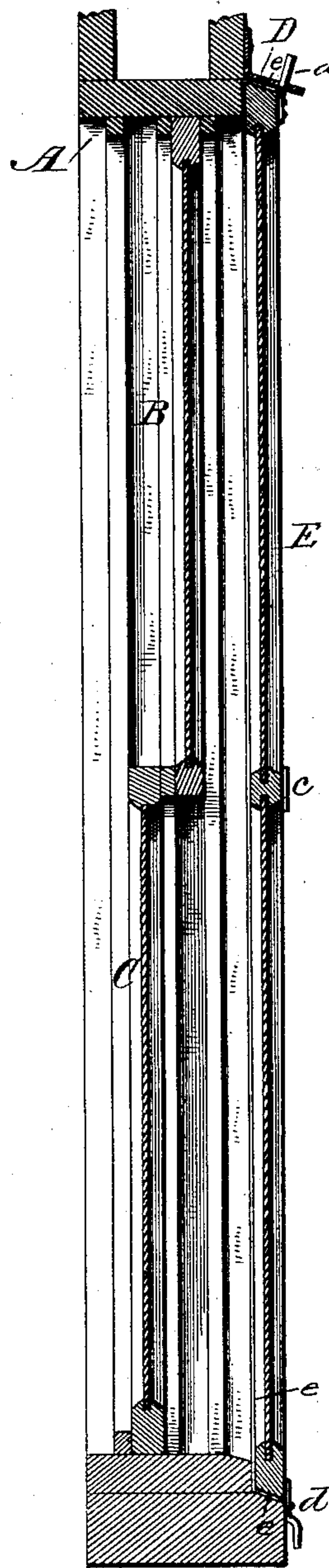
No. 341,112.

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Fig. 1.



Fig. 2.



Witnesses  
*Wm. L. Scheide*  
*L. L. Miller*

Inventor  
*Christoph F. Teufel*  
By *his* Attorney *Chas. C. Fowler*



# UNITED STATES PATENT OFFICE.

CHRISTOPH F. TEUFEL, OF WOOLSTOCK, IOWA.

## STORM-WINDOW.

SPECIFICATION forming part of Letters Patent No. 341,112, dated May 4, 1886.

Application filed February 10, 1886. Serial No. 191,436. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTOPH F. TEUFEL, a citizen of the United States, residing at Woolstock, in the county of Wright and State of Iowa, have invented certain new and useful Improvements in Storm-Windows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention, and Fig. 2 a vertical section thereof.

The present invention has for its object to provide a storm-window, to be attached to the frame of an ordinary window to keep out the cold air and snow, and also prevent frost upon the window-panes; and it consists in the details of construction, substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents the window-frame, and B C the upper and lower sash, respectively.

To the upper end of the frame A, and upon the outer side thereof, is suitably attached an overhanging rectangular shield, D, extending the entire width of the frame.

The storm-window E, at its upper end, is detachably connected to the shield D by pins *a*, engaging with perforations in the shield, as shown. The sides of the storm-window are connected in place by means of the fastening devices consisting of the pivoted buttons *b* and plates *c*, the former being attached to the window-frame and the latter devices to the storm-window, pivoted buttons *d* also being secured to the lower part of the window frame or sill

to hold the lower end of the storm-window in position. A felt packing, *e*, is secured to the four edges of the window D to keep out the cold air and snow, the overhanging shield E preventing any lodgment of snow on the top of the storm-window, and also providing means for attaching the same to the frame, the shield also keeping off the rain from the top of the window.

In the spring, or when the storm-window is not required for use, it may be removed and laid away.

Any suitable and well-known means may be employed for detachably connecting the storm-window to the window-frame of the house, and it is evident that my improvement is equally applicable to the doors of houses as to the windows.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with an overhanging rectangular shield connected to the top of a window-frame, of a storm-window detachably connected thereto and to the window-frame, substantially as and for the purpose set forth.

2. The combination, with a window-frame and sashes and an overhanging shield, of a storm-window having pins in its top to engage with perforations therein, and suitable fastening devices for holding the sides and bottom of the window in place, as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHRISTOPH F. TEUFEL.

Witnesses:

N. L. GARDNER,  
GEO. WAMBACH.