

G. Shatswell,

Window Screen.

No. 102872.

Patented May 10. 1870.

Fig. 1.

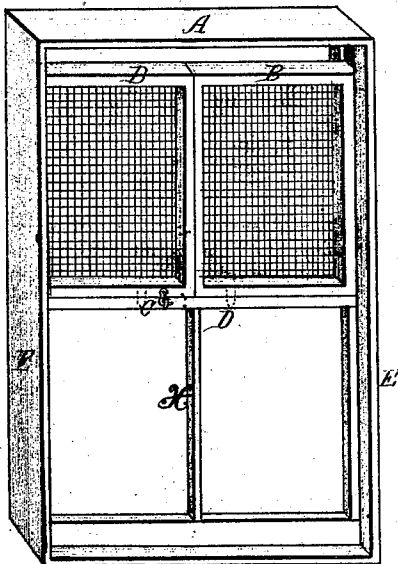


Fig. 2.

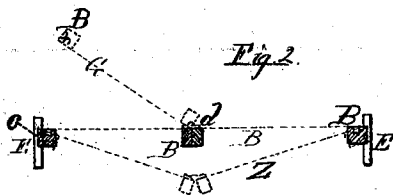
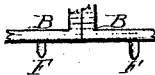


Fig. 3.



Witnesses.

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GEORGE SHATSWELL, OF WAUKEGAN, ILLINOIS.

Letters Patent No. 102,872, dated May 10, 1870.

IMPROVED WINDOW-SCREEN.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, GEORGE SHATSWELL, of Waukegan, in the county of Lake and State of Illinois, have invented an Improved Window-Screen; and I do hereby declare that the following is a full and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings and letters marked thereon making a part of this description, in which—

Figure 1 is a perspective representation of a window-frame in which my improved screen is placed.

Figure 2, a horizontal section of the same.

Figure 3, an elevation of the dowel-pins and part of the screen.

The nature of the present invention consists in making a window-screen in two parts, the two parts being hinged together in the middle, and dowel-pins, which fit into holes made in the top of the lower window-sash, and prevent the screen from swinging and getting out of place. The screen is also provided with a hook, which holds the dowel-pins in place in the top of said sash, as the whole is hereinafter fully described.

A represents the top and E the sides of an ordinary window-frame, in which a sash and my improved screen are placed.

This screen is composed of two rectangular frames, B, which fill the window-frame A E when the frames are parallel to each other, and which are hinged together, as shown at *d*, fig. 2, so that, when dowel-pins F F, fig. 3, are raised out of the top of the sash *x*, the screen may be readily removed from the frame. This

arrangement is also such that either dowel-pin may operate as a pivot for its respective frame to swing on, as shown by dotted lines G, fig. 2. The dowels, consequently, answer a double purpose: first, to hold the screen in the window-frame; second, to allow it to swing open.

In order to secure the screen permanently to the sash *x*, an ordinary hook and staple, C, is used, as shown in fig. 1.

To fit the vertical sides of the screen so as to be placed in windows whose sashes are hung with weights, grooves *c*, fig. 2, are cut in them, so as to allow the sash-cords room to operate.

To put the screen in a window, its middle part should be brought forward, as shown by dotted lines Z, fig. 2, and then placed in the groove in which the sash runs, and the dowel-pins F put in holes made in the top of sash *x*, after which the hook C can be put in its staple, and the screen will be in position.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A two-part window-screen, hinged together in its middle part, so that it may be placed in a window and swing in it, as set forth.

2. A two-part hinged screen, provided with dowels fitting into the sash *x*, as and for the purpose set forth.

GEORGE SHATSWELL.

Witnesses:

RICHARD B. GRIGGS,
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