C. F. COURSON.

SCREEN HANGER.

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1,045,525.

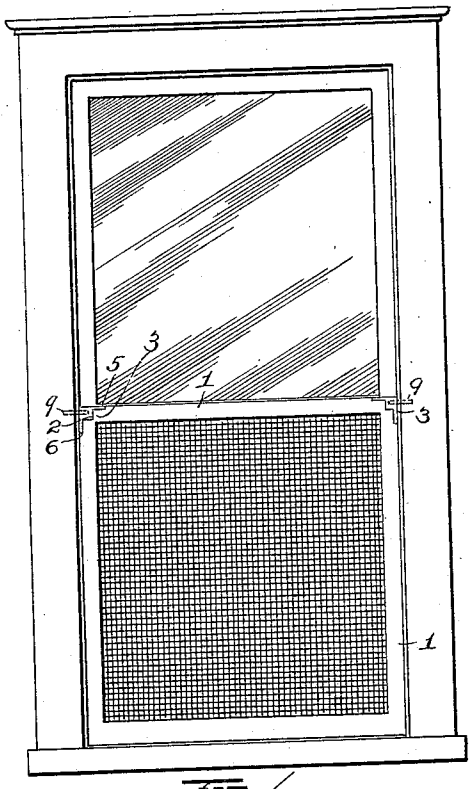


Fig. 1.

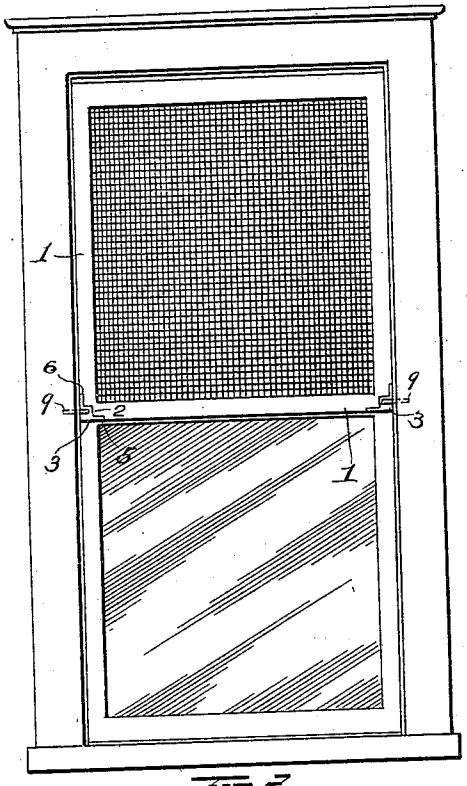


Fig. 2.

Fig. 3.

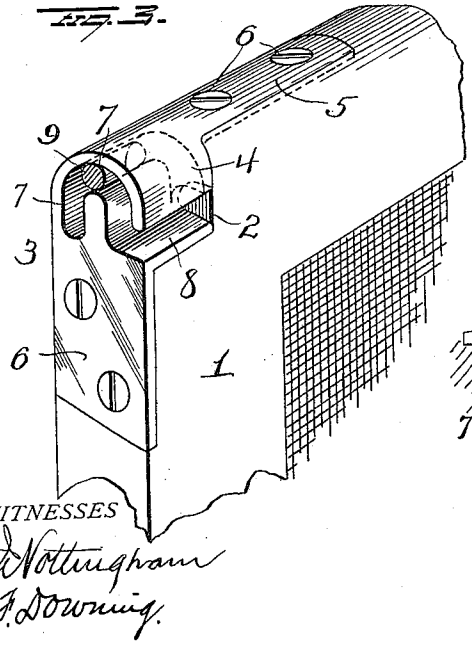


Fig. 4.

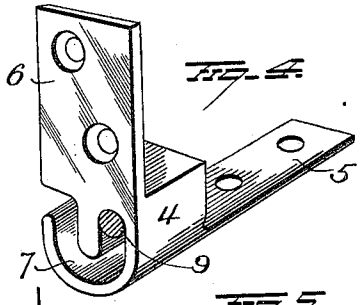
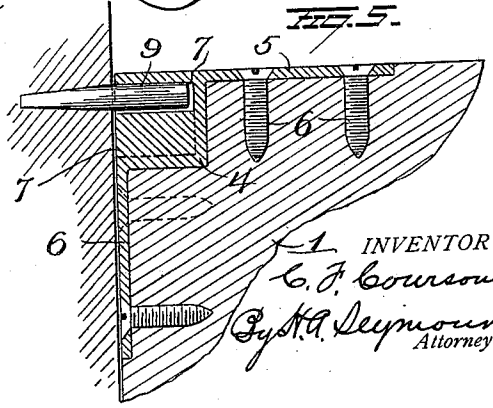


Fig. 5.



WITNESSES

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SCREEN-HANGER.

1,045,525. Specification of Letters Patent. Patented Nov. 26, 1912.

Application filed April 20, 1912. Serial No. 692,015.

To all whom it may concern:

Be it known that I, CORNELIUS F. COURSON, a resident of Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Screen-Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in window screens, and more particularly to the hanging means therefor,—the object of the invention being to provide simple and efficient devices for hanging a screen in such manner that the screen can be easily and quickly applied to or removed from the window frame and also so that the hanging devices will constitute efficient hinge connection for the screen to the window frame and permit a considerable movement of the screen without detachment thereof from the window frame.

A further object is to mount a window screen in such manner that it can be supported out of the way of a lower sash when the panes of the latter are to be washed, with necessity for removing the screen from its mounting.

With these and other objects in view, the invention consists in certain novel features of construction and combinations of parts as hereinafter described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view illustrating the application of my improvements. Fig. 2 is a view showing the screen in raised position. Fig. 3 is a partial sectional view showing one corner of the screen frame with one of the hangers in place. Fig. 4 is an enlarged view of one of the hangers, and Fig. 5 is a sectional view of the same.

1 represents the frame of a screen, each upper corner of which is provided with a recess 2 for the accommodation of portions of my improved hangers 3. Each hanger is made in the form of an angular bracket and comprises a block 4 provided at its upper end with an arm 5 having holes for the accommodation of fastening devices 6 whereby said arm is secured to the top rail of the frame, and a depending arm 6 also having holes for the accommodation of fastening devices for securing said arm 6 to a vertical member of said frame,—the block 4 of the hanger being disposed in the recess 2 of the frame. The block 4 of each hanger is made with a semi-circular recess 7 which is closed at one end and open at the other end as at 8, said open end of the recess thus forming a slot 8 and this side of the block may lie flush with the inner face of the screen frame. At the outer end of each block 4, the semi-circular recess therein is open to receive a pin 9 projecting inwardly from the window frame.

When two hangers have been secured to the upper corners of the screen frame, as above explained, the screen will be so placed in the window frame as to cause the pins 9 to enter the slots 8 and then, as the screen is moved downwardly in the window frame, the pins 9 will move partly through the semi-circular slots or recesses 7 and the screen will be supported with the top walls of said recesses resting upon the pins 9.

With the construction above described, it is apparent that the screen will be hinged to the window frame in such manner that it can be swung outwardly and that when the screen is thus swung the pin 9 will become disposed in the curved recess between the top and closed end of the latter. When it is desired to wash the outside of the glass of the lower sash, the screen can be raised until it shall have passed a vertical position and rest in a slightly inclined position against the window frame above the lower sash as shown in Fig. 2, at which time the pins 9 will be at the closed ends of the curved recesses 7.

With my improvements, the pins 9 will be housed in the blocks 4 and will thus be protected, to a considerable extent, from the weather.

Any suitable fastening means may be employed for normally securing the lower end of the screen to the sill of the window.

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

1. A hanger for window screens, comprising a block to enter a recess in a corner of the screen and arms disposed at right angles to each other and projecting from the top and one end of said block respectively, said block having a curved recess open at one side and at one end of the block, and a pin to enter said recess.

2. A hanger comprising a block having a curved recess therein, a pin entering and housed in said recess, and means for securing said block within the corner of a frame.

3. In a hinge for window screens, the combination of blocks to be secured at the upper corners of a screen frame, each block having an approximately semi-circular recess open at one side and at one end of the block, and pins to be secured to the window frame and enter the approximately semi-circular recesses of said blocks.

4. In a hinge for window screens, the combination of recessed blocks adapted to be disposed in recesses at the upper corners of the screen frame, said blocks having integral horizontal arms to be secured to the top edge of the screen frame, said blocks also having depending integral arms to be secured to the vertical side edges of the screen frame, and pins to be secured to the window frame, said pins entering and housed within said recessed blocks.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

CORNELIUS F. COURSON.

Witnesses:
S. C. HILL,
A. W. BRIGHT.