June 24, 1930. A. T. BRENNAN 1,766,054

SCREEN HANGER

Filed Nov. 15, 1926

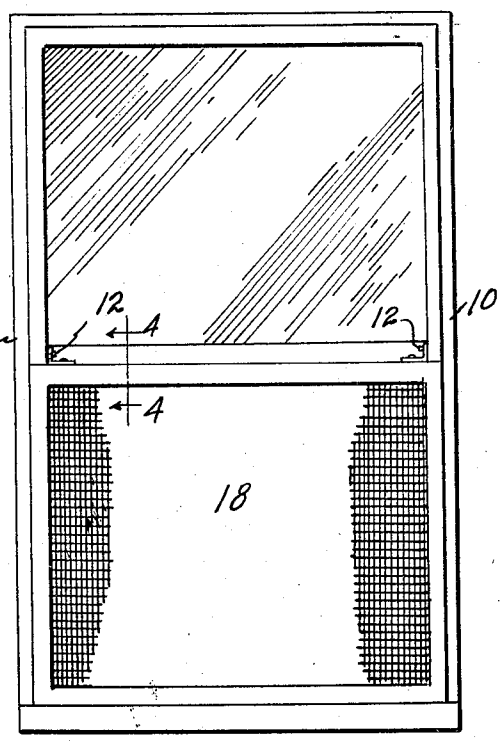


Fig. 1

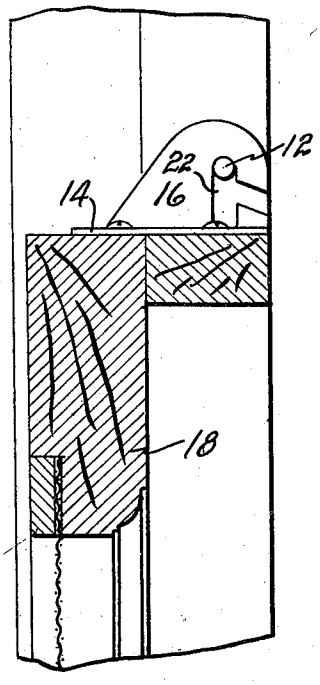


Fig. 4

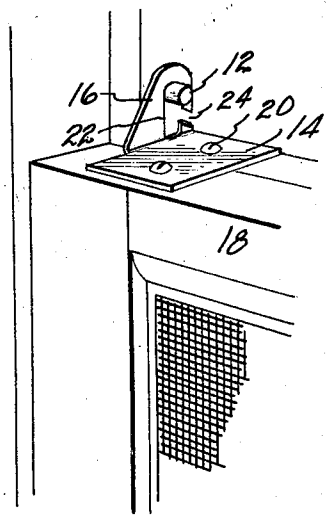


Fig. 3

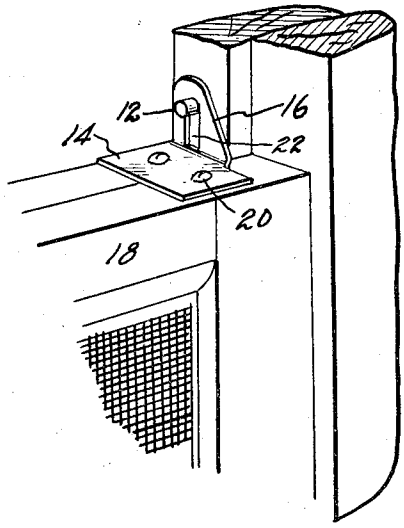


Fig. 2

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UNITED STATES PATENT OFFICE

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SCREEN HANGER

Application filed November 15, 1926. Serial No. 148,363.

My invention relates to an improved mounting for a window screen. The object is to provide a simple, inexpensive mounting of the character described, adapted to be quickly and easily operated to fasten the screen in place or to release the screen from its support; so constructed as to permit pivotal movement of the screen about its supports; and so built and arranged as to securely hold the screen in place against accidental release or displacement.

Other objects and advantages of my improvement will more fully appear from the following description of the invention shown in the accompanying drawing and defined in the appended claim.

In the drawings:

Fig. 1 is a side elevation of a window frame provided with a screen fitted with my improved hangers.

Fig. 2 is a fragmentary perspective of the portion of the window frame and screen illustrating one part of my hanger.

Fig. 3 is a fragmentary perspective of a portion of the window frame and screen illustrating a second part of my improved hanger.

Fig. 4 is a sectional view taken on the line 4—4 of Fig. 1.

Screen hangers of various types have heretofore been used to removably support the screen within the window frame upon pivots carried by the frame. The purpose of my invention is to provide hangers adapted to accomplish this end which are not only easily and quickly fastened in place and released but which securely hold the screen in place against any accidental displacement due to jar, shock or dislocation thereof.

In the drawing a window frame is shown having side frame members 10. These side frame members are provided with substantially diametrically opposed pivoted pins 12 extending inwardly from the two side rails of the window frame. These pivot pins serve as supports for the screen. Hangers are provided to be received over the pivot pins to support the screen. My invention relates to the construction of the hangers so employed.

I provide a pair of hangers secured to the top rail of a screen 18 at opposite sides thereof as shown in the figures of the drawing. Each hanger comprises a base plate 14 and an upright ear 16. As here shown the base plate is secured to the top rail of the screen by screws 20 or in any other simple manner.

The ear of each hanger is provided with a vertical slot 22 adapted to be received over the pivot pin 12 positioned on the same side of the window as the hanger. One hanger has a slot which is closed such as is shown in Fig. 2 of the drawing and which is received over the pivot pin 12 only by a sidewise movement of the screen. The other hanger is provided with a slot which has an outlet to the inner edge of the hanger in the form of a downwardly diagonally extending slot 24 which cuts into the slot 22 substantially midway its height.

This second hanger is adapted to be mounted upon its pivot pin by a longitudinal lateral movement of the screen so that the pivot pin passes through the slot 24 and is received within the slot 22. It will be seen that due to the fact that the slot 24 interrupts the slot 22 at a midpoint and also extends diagonally toward the inner edge of the hanger that such hanger will not become easily loosened from the pivot pin.

What I claim is:

A screen hanger comprising a base adapted to be secured to a screen and having a perpendicular ear on one side provided with a vertical slot terminating at its lower end at the base and a diagonal slot extending downwardly from a point intermediate the ends of the vertical slot to an upright edge of the ear and terminating at its lower end at the base.

In testimony whereof, I, ARTHUR T. BRENNAN, sign this specification.

ARTHUR T. BRENNAN.