

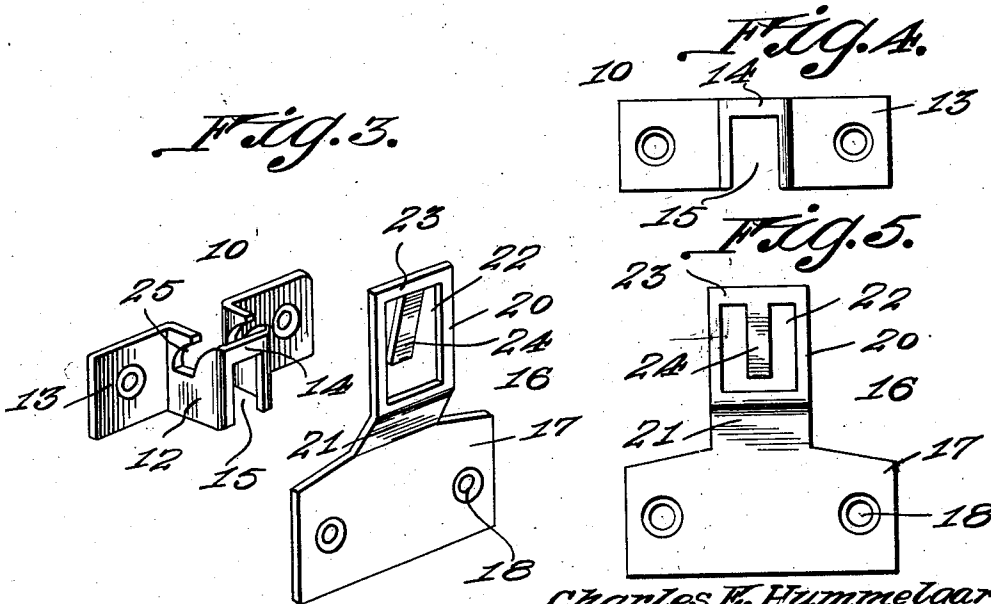
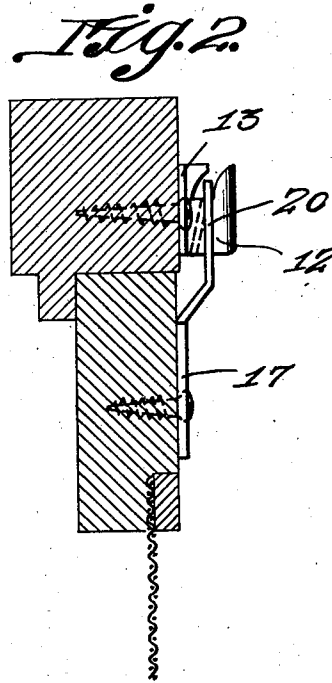
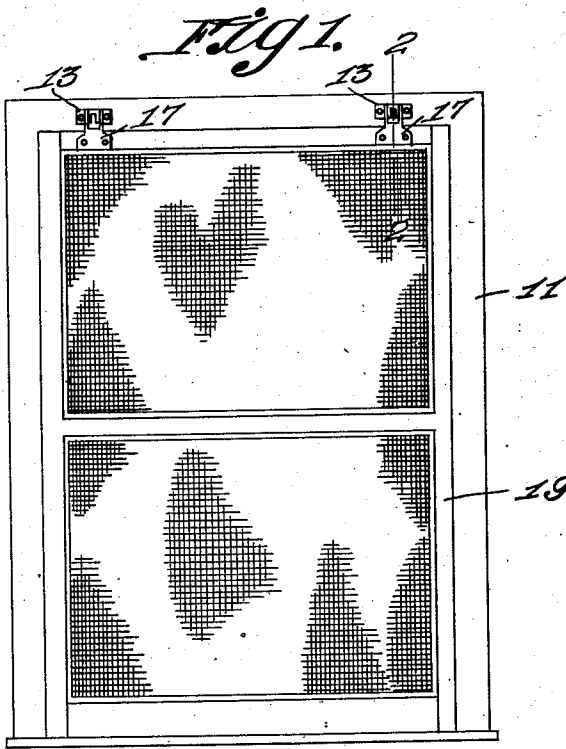
July 1, 1930.

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1,769,645

SCREEN AND STORM SASH HANGER

Filed April 19, 1929



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SCREEN AND STORM-SASH HANGER

Application filed April 19, 1929. Serial No. 356,436.

This invention relates to hanger devices especially adapted for hanging screen and storm sash.

An object of the present invention is the provision of a sash hanger which includes a frame carried member and a sash carried member detachably engaged with the frame carried member, the manner of engagement providing for the removal of the sash only when the sash is moved upward and outward.

Another object of the invention is the provision of means included in the hanger which will prevent accidental removal of the sash when the bottom is swung pivotally outward, so that the sash may be swung open without danger of disconnection.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawing and pointed out in the appended claim.

In the drawing:

Figure 1 is an elevation of a window frame with a screen or sash frame connected thereto by means of the present invention.

Figure 2 is an enlarged fragmentary sectional view on the line 2—2 of Figure 1.

Figure 3 is a perspective view showing the frame member and sash member in separated relation.

Figure 4 is an elevation of the frame member.

Figure 5 is a similar view of the sash member.

Referring to the drawing in detail where in like characters of reference denote corresponding parts, the reference character 10 indicates the frame member which is adapted to be carried by a window or other like frame 11. This frame member comprises spaced parallel walls 12 from the inner edges of which extend oppositely disposed apertured ears 13, whereby the frame member may be attached to the frame through the medium of screws or like fastening devices. The outer edges of the walls 12 are connected adjacent their upper ends by means of a bar 14, so that an open-

ing 15 is provided at the outer end of the frame member.

The sash member is indicated at 16 and comprises a plate having a flat attaching portion 17 which is provided with openings 18, whereby the sash member may be secured to the sash 19 by means of screws or like fastening devices.

The sash member further includes an extension 20 which is offset from the attaching portion of the plate as shown at 21 and which is provided with an opening 22 so that this extension provides a frame which includes a bar 23 at its outer end. Extending inwardly from the bar 23 is a tongue 24 which is inclined or otherwise offset.

The side walls 12 of the frame member 10 are provided with upwardly and outwardly extending slots 25 which open at the upper edges of these walls and these slots are adapted to receive the bar 23 so as to provide a pivotal connection between the frame member and sash member. By shaping the slots in the manner stated it is necessary to force the attached end of the sash upwardly and outwardly to permit of removal of the sash.

The tongue 24 is positioned between the walls 12 and the free end of the sash may be swung outward without danger of accidentally unhooking the sash. When swung outward, the tongue 24 will be received within the notch 15 and upward swinging movement will be limited through engagement of the tongue with the bar 14.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claim.

Having described the invention what is claimed is:—

In a sash hanger, a frame member including a substantially U-shaped intermediate portion, the opposed parallel walls of which are provided with inwardly and downwardly extending slots opening at the upper edges of said walls, the intermediate wall of said U-shaped portion being vertical-

ly slotted through the major portion of its height, with the slot opening at the lower edge of said wall, a sash member including a plate, and an offset substantially rectangular frame supported by the upper edge of the plate and adapted to be received by the slots of said frame member for both removable and pivotal association with the latter, a depending tongue carried by the upper end of said rectangular frame and projecting rearwardly at an angle therefrom and adapted to be received between the parallel walls of the first mentioned member, and movable through the slot in the front wall of said U-shaped portion to permit pivotal movement of the sash member, and at the same time limit said movement in one direction.

In testimony whereof I affix my signature.

CHARLES E. HUMMELGARD.