Sept. 16, 1924. 1,508,655

M. HAUSER

SCREEN HANGER

Filed Nov. 20, 1922

Fig 1

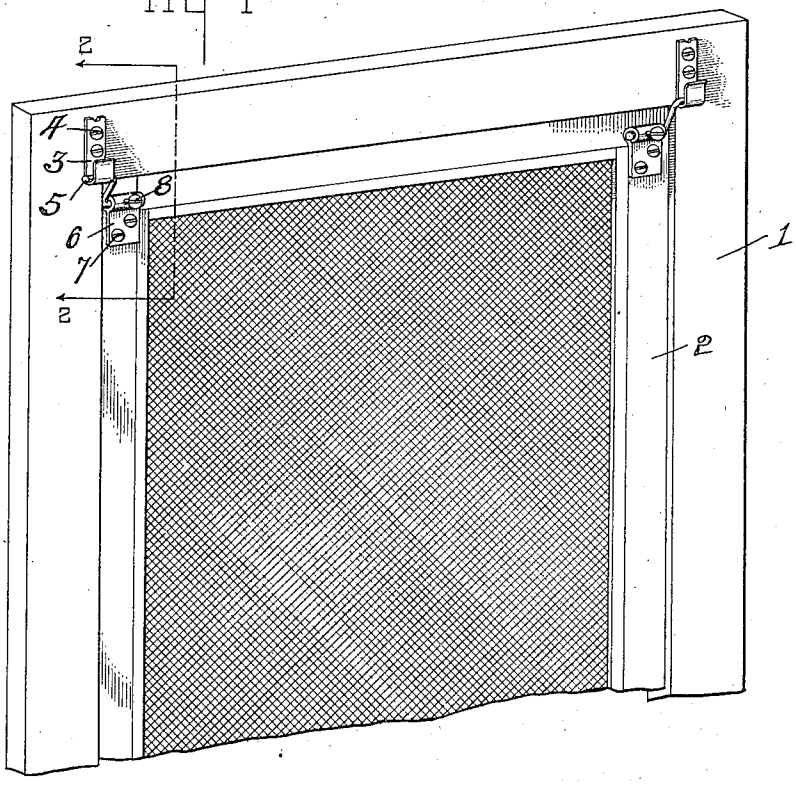
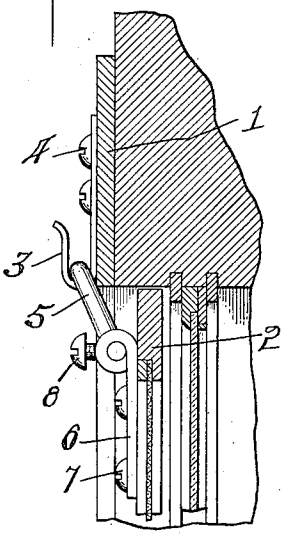


Fig 2



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UNITED STATES PATENT OFFICE.

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SCREEN HANGER.

Application filed November 20, 1922. Serial No. 601,973.

To all whom it may concern:

Be it known that I, MARTIN HAUSER, a citizen of the United States, and a resident of Toledo, in the county of Lucas and State of Ohio, have made an invention appertaining to a Screen Hanger; 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, reference being had to the accompanying drawings and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to separable hinges or hangers of the type intended more particularly for use in the hanging of window screens.

The primary object of the invention is the provision of a hinge or hanger of this character which is simple, durable and inexpensive in its construction, is capable of being easily and quickly attached to a casing and screen, and is adjustable to fit casings of different thickness.

The invention is fully described in the following specification, and while in its broader aspect it is capable of embodiment in numerous forms, a preferred embodiment thereof is illustrated in the accompanying drawings, in which,—

Figure 1 is a perspective view of the upper portion of a window casing and a screen mounted therein and equipped with the invention, and Fig. 2 is an enlarged section on the line 2—2 in Fig. 1.

Referring to the drawings 1 designates a window casing and 2 a screen frame mounted therein and which is shown as of less thickness than the recessed portion of the casing into which it fits, so that the screen sets back a distance in the casing. This is a condition which is frequently met with in the hanging of screens and which makes it difficult to hang the screens with the types of hangers commonly employed.

The hinge or hanger embodying the invention comprises a hook member 3 which is preferably stamped from sheet metal and has its shank portion provided with openings for receiving securing screws 4 and its lower end turned up to form a pintle engaging hook. The hinge pintle member 5 is of angled or crank form, having two laterally offset pivotal portions, one of which enters an eye in a securing member 6, which is attached to the screen frame by screws 7 or in any other suitable manner, while the other pivot portion is projected outwardly in position to have engagement with the hook 3, as shown. The pintle member is preferably composed of a length of wire of heavy gauge which is given two right-angled bends so that it is provided with an intermediate cross-portion from opposite sides of which the pivotal end portions project in opposed parallel relation. The pintle member 5 is secured by a set-screw 8 within the carrying member 6 for both axial and rotary adjustment to facilitate adjustment of the same to suit the depth of insertion of the screen frame within the casing, and the relative positions of the members 3 and 6.

It is evident that I have provided a simple and inexpensive form of screen hinge and hanger of the detachable type, that the parts thereof are capable of being easily and quickly manufactured and assembled, and when assembled facilitate an easy and rapid adjustment of the parts to suit the conditions of hanging to which a screen may be subjected.

I wish it understood that my invention is not limited to any specific construction, arrangement or form of the parts, as it may be embodied in numerous forms without departing from the spirit of the claims.

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

1. A device of the class described comprising a hook member, a hinged member having an eye, a Z-shaped wire member having one end portion in pivotal engagement with the hinged member eye and its other end portion in releasable holding engagement with the hooked member, the pintle member being rotatably and axially adjustable relative to the hinge member, and a set screw threaded through the pintle receiving portion of the hinge member and engaging the pintle to secure the parts in relative adjustment.

2. The combination with a window casing, of a hooked member secured thereto adjacent to each upper corner of the casing opening, an eye member secured to the closure member near each side thereof adjacent to a respective hooked member, a pintle member having transversely spaced oppositely projecting trunnion portions, one fixedly mounted in the adjacent eye member and ca-

pable of axial and rotary adjustment relative thereto and the other projecting outward relative to the adjacent side of the casing and adapted to have releasable hooked engagement with the adjacent hooked member.

3. In a device of the class described, a hook member for securing to a casing, an eye member for securing to a screen frame, a pintle member of wire having two bends forming a cross portion and pivotal portions projecting in parallel relation in opposite directions from the cross portion, one pivotal portion for releasable engagement with the hook member and the other for axial and rotary adjustable engagement with the eye member, and means carried by the eye member for holding the pintle member in adjusted relation thereto.

In testimony whereof I have hereunto signed my name to this specification.

MARTIN HAUSER.