D. T. PETERS & A. H. GRANT.

STORM SASH OR SCREEN HANGER.

APPLICATION FILED OCT. 12, 1907.

922,625. Patented May 25, 1909.

Fig. I

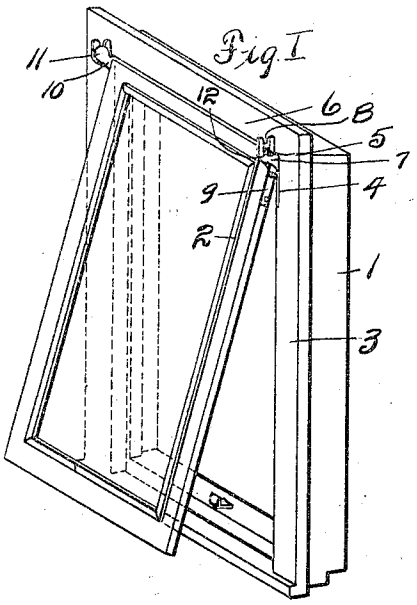


Fig. II

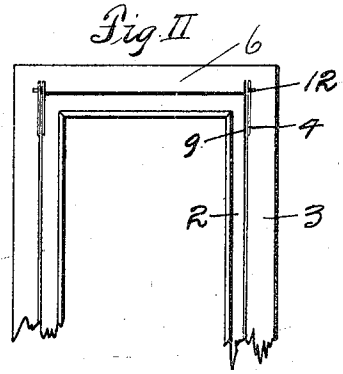


Fig. III

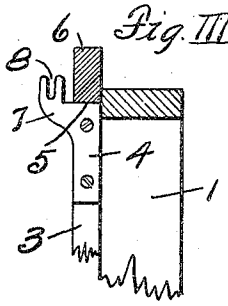


Fig. IV

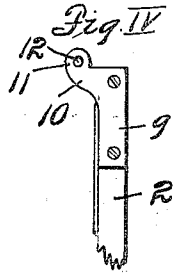


Fig. V

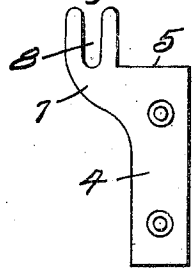


Fig. VI



Fig. VII

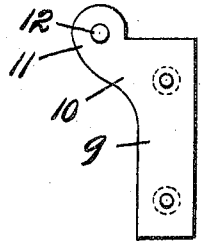
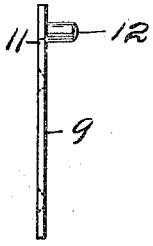


Fig. VIII



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UNITED STATES PATENT OFFICE.

DAVID T. PETERS AND ALBERT H. GRANT, OF KANSAS CITY, MISSOURI.

STORM SASH OR SCREEN HANGER.

No. 922,625. Specification of Letters Patent. Patented May 25, 1909.

Application filed October 12, 1907. Serial No. 397,063.

To all whom it may concern:

Be it known that we, DAVID T. PETERS and ALBERT H. GRANT, citizens of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Storm Sash or Screen Hangers; and we do 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 figures of reference marked thereon, which form a part of this specification.

Our invention relates to storm sash or screen hangers, and has for its object to provide a device of that class by means of which storm sashes or screens may be hung from the interior of a building.

A further object is to provide the improved details of structure which will presently be fully described and pointed out in the claim, reference being had to the accompanying drawings in which like reference numerals refer to like parts throughout the several views, and in which:—

Figure I is a view, in perspective, of a window frame and sash, equipped with our improved hanger. Fig. II is a front elevation of same. Fig. III is an enlarged detail view of the window frame member, illustrating its application to the window frame. Fig. IV is a similar view of the sash member. Fig. V is an enlarged detail view, in side elevation, of the window frame member. Fig. VI is an edge view of same. Fig. VII is an enlarged detail view, in side elevation, of the sash member. Fig. VIII is an edge view of same.

Referring more in detail to the parts:—1 designates a window frame, and 2 a storm sash or screen frame with which our improved hanger is connected. Rigidly secured to each of the side pieces 3 of the window frame is the body portion 4 of a frame member which is offset at the top to provide a shoulder 5, which abuts against the under side of the top frame piece 6 and extends beyond the face thereof. Projecting outwardly from the body portion 4 is a flange 7, the end of which is turned upwardly and provided with a vertical slot 8 so as to form a pair of extended prongs spaced from the face of the top frame piece 6.

Rigidly secured to each edge of the storm sash, with its top edge even with the upper edge of the top rail of said sash or the screen frame to which it is applied, is the body portion 9 of a sash member which is offset at the top to provide a shoulder, and projecting outwardly from said body portion, at the top, is a flange 10, having an upturned end 11 spaced from the face of the sash, and projecting laterally from said end portion is a circular pivot pin or stud 12, adapted to fit loosely within the slot 8 between the prongs of the frame member previously described.

While the body portions of the separate hanger members may be attached directly to the edge of the frame member and sash pieces, I prefer to inset said body portions therein so that the edges of such parts may be even throughout, and I also prefer to adjust the parts so that the sash or screen frame, when in place within the window frame will not fit snugly therein, at the top, to prevent binding when the sash or screen frame is swung to its closed position.

When in use, the sash member may be attached at the factory or shop, and the window frame member attached when the sash is to be hung, as a special fitting is not required, when the hanger members are properly formed. In hanging the sash, the sash member is projected through the window opening and extended to substantially a horizontal position, and the stud 12 on the sash member fitted into the slot 8 in the frame member, and the sash lowered to the closed position, the upper edge of the sash fitting beneath the upper piece of the window frame and the bottom of the sash fitting snugly within said frame.

By the use of our hanger, the sash may be easily and quickly hung from the interior of the building, and being small and compact in structure does not mar the looks of the building upon which it is used.

Having thus described our invention, what we claim as new therein and desire to secure by Letters Patent is—

A sash or screen hanger comprising a frame member formed with a body portion having an offset at the top providing a shoulder, an outwardly projecting and upwardly turned flange having a vertical slot and providing a pair of extended prongs, and a sash or screen member formed with a body portion con-

forming in shape to the body portion of the frame member and having an offset at the top providing a shoulder, an outwardly projecting and upwardly turned flange, and a laterally projecting pivot pin of less area than and secured to the center of the upwardly turned flange and fitting loosely in the slot between the extended prongs.

In testimony whereof we affix our signatures in presence of two witnesses.

DAVID T. PETERS.
ALBERT H. GRANT.

Witnesses:
GEO. HORN,
HAROLD E. RICHARDS.