

No. 819,109.

PATENTED MAY 1, 1906.

S. WINDECKER.
FRAME FOR HOLDING NET FABRICS.
APPLICATION FILED JULY 28, 1902.

Fig. 1.

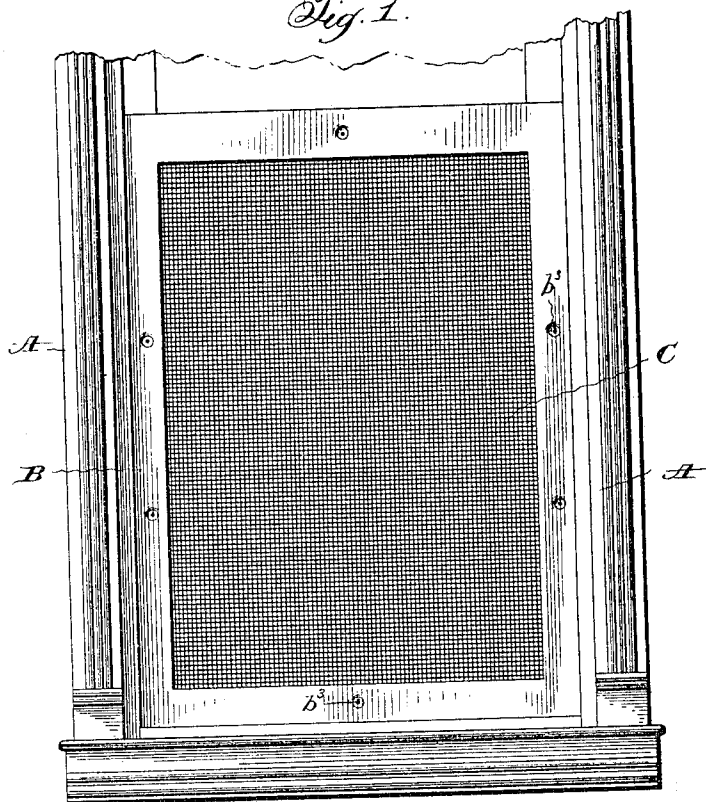


Fig. 2.

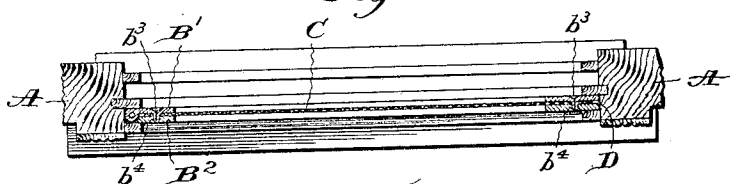
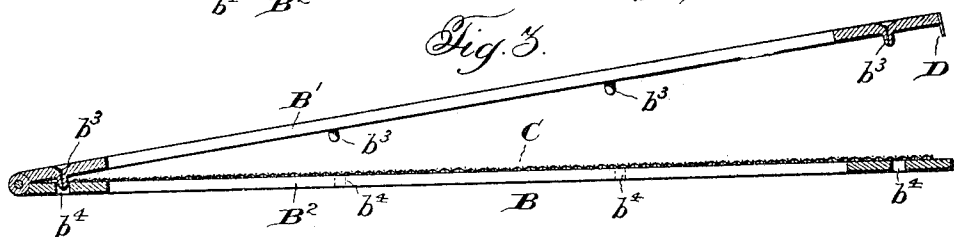


Fig. 3.



Inventor:

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UNITED STATES PATENT OFFICE.

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FRAME FOR HOLDING NET FABRICS.

No. 819,109.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed July 28, 1902. Serial No. 117,334.

To all whom it may concern:

Be it known that I, SAMUEL WINDECKER, a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Frames for Holding Net Fabrics or the Like; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates more particularly to a frame or a sash adapted to hold curtain fabric or net of any desired material in a window or door opening and for convenience is shown embodied in a sash constructed in a window-frame.

Heretofore sash-curtains have been secured in openings in a variety of ways, sometimes being tacked to the window-sash and sometimes secured at one or both ends on rods which pass through the curtain or fabric. As ordinarily secured such curtains are frequently torn or damaged when removed from the sash.

The object of this invention is to provide a frame or sash in which curtain-net or other fabric or material may be securely held and which permits the same to be readily and quickly removed without injury and the same or other material inserted therein when desired, thus if curtain-net or other fabric is used permitting the same to be removed for laundering or for other purposes without injuring the fabric and permitting the same to be restored in place at any time.

The invention consists in the matters hereinafter described, and more fully pointed out and defined in the appended claim.

In the drawings, Figure 1 is a front elevation of a device embodying my invention, showing the same secured in a window-frame. Fig. 2 is a transverse section of the same. Fig. 3 is a transverse section of the sash, showing the same removed from the window-opening and opened to illustrate the construction.

As shown in said drawings, A indicates a window-frame or other opening in which is secured the removable sash (indicated as a whole by B) having removably secured

therein the curtain-net C, which may be of any desired material, texture, fabric, or construction. The sash B consists of a rectangular frame comprising parallel side and end members and comprises two halves B' and B², which are hinged together, as shown in Figs. 2 and 3, to permit one of said halves, as shown, B', to fold inwardly upon the other when the net is secured in place. Said sash is preferably constructed of sheet metal, each of the half frame members or sections being struck or stamped from sheet metal, and one of the same—in the instance shown B'—is perforated or struck up to provide the inwardly-turned pin b³, the free ends of which engage in complementary apertures b⁴ in the other frame or sash member. The hinge for the two sash members may be constructed in any desired manner. If preferred, a portion of the metal may be turned to form integral knuckles in a familiar manner, in which is engaged a pintle; but obviously any desired type of hinge may be used. A latch D of any desired type serves to rigidly secure the edges of the sash-sections together remote from the hinges.

The operation is as follows: When it is desired to insert fabric of any desired kind in a window or other opening of a building, it is only necessary to open one of said sashes and secure the fabric in position, after which the sash is closed or shut together. In this position the net or other fabric rigidly secured between the sash-sections is held from movement or strain from the pins, or, in other words, is held independently of said pins, thus obviating any tendency of the pins to tear the fabric. The sash may now be used in a window or door opening or otherwise and may, if preferred, be used in lieu of the net-screens ordinarily used in summer season or may be used purely for ornamental purposes, thus providing an ornamental effect, while performing the function usually performed by such screens. Should the fabric become soiled or require washing or should it be necessary for any other reason to remove the same from the frame, it may be quickly accomplished by releasing the catch or latch D and opening the sash-sections, thus permitting the removal of the fabric from the pins and the substitution thereon of other fabric,

if desired. If preferred, a rib may be provided along the inner face of either sash-section, which acts to jam the fabric against the complementary sash member, thus holding the
5 fabric independent of the pins.

It is to be noted that the pins are integral with one of the half sash members and may be formed by stamping, pressing, or otherwise at the same time the half sash member
10 is formed, as shown, a small portion of the metal being cut away and formed to provide a point which is turned inwardly.

While the invention has been described as a sash-frame, it is obvious that the same may
15 be used for other purposes.

I claim as my invention—

In combination with a sheet-metal open frame, of integral pins struck up from one of its faces, a complementary sheet-metal frame hinged thereto and provided with sockets to
20 receive the ends of said pins, and fastening means adapted to engage the free edges of said frame members opposite the hinge.

In testimony whereof I have hereunto subscribed my name in the presence of two sub-
25 scribing witnesses.

SAMUEL WINDECKER.

Witnesses:

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