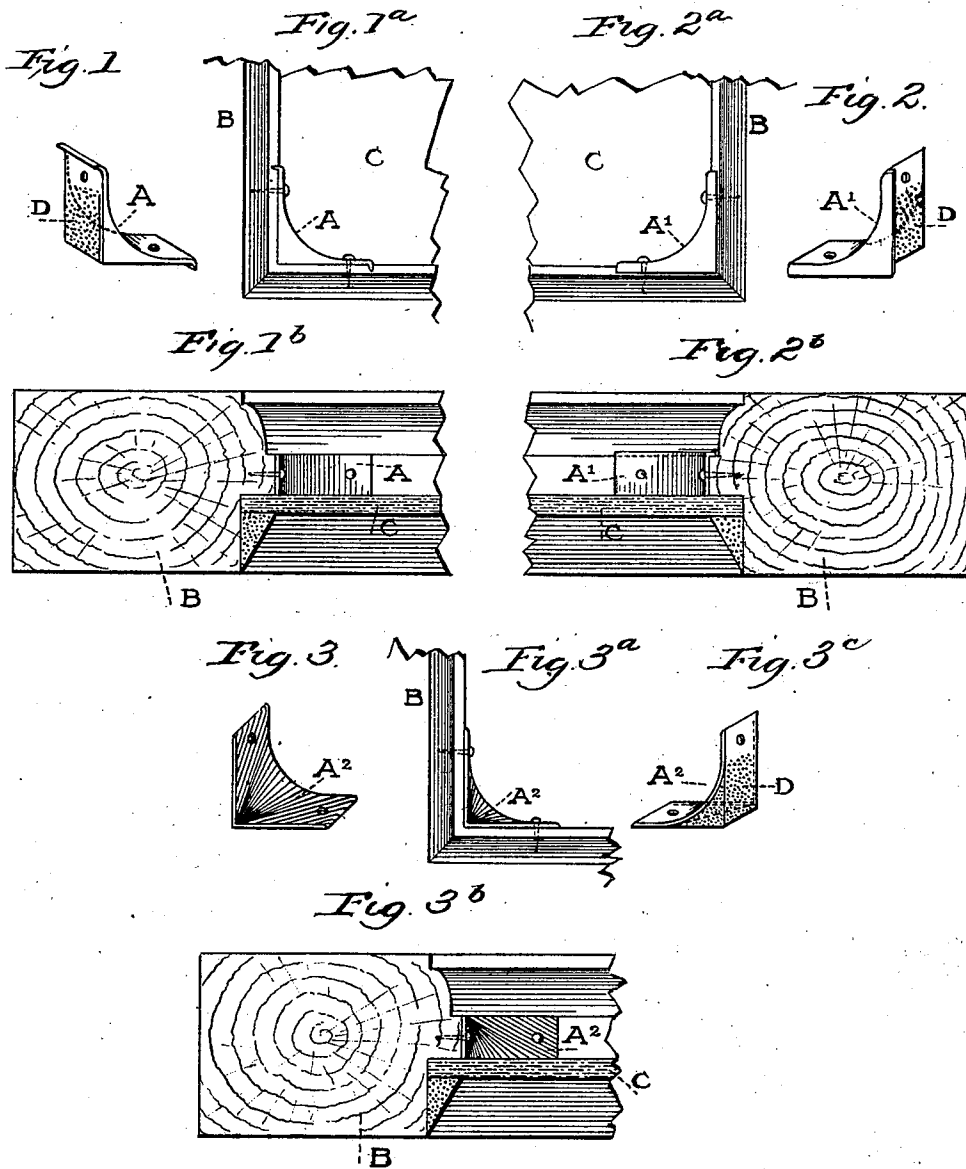


G. HERRMANN.
SASH CORNER PLATE.
(Application filed Nov. 5, 1900.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE HERRMANN, OF DAYTON, OHIO.

SASH CORNER-PLATE.

SPECIFICATION forming part of Letters Patent No. 669,166, dated March 5, 1901.

Application filed November 5, 1900. Serial No. 35,491. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HERRMANN, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Sash Corner-Plates; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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.

My invention relates to improvements in sash corner-plates, the features of which will be fully hereinafter described and claimed.

The plates may be variable in construction. The essential feature is that the plates fill the corners of the frame adjacent to the panes of glass. The object is to prevent moisture and dirt accumulating in the corners of the sash and make it easier to clean the panes.

The object is accomplished by the construction shown in the accompanying drawings, in which—

Figures 1, 1^a, and 1^b comprise the perspective, elevation, and plan of the device separate and attached to a sash-frame. Figs. 2, 2^a, and 2^b comprise the perspective, elevation, and plan of the device slightly variable in construction separate and attached to the sash-frame. Figs. 3, 3^a, 3^b, and 3^c comprise the perspective, elevation, plan, and rear view of the device slightly variable from the former and separate and attached to the sash-frame.

The foregoing figures illustrate substantially the same device with slight variations in form, all serving to fill the corners of sash. The letters and numerals designate like parts throughout the several views.

B is a section of the sash exhibiting the corner, and C is a broken section of a plate of glass fitted in said corner.

The corner-plate A, Fig. 1, may be struck up from thin metallic plate, as illustrated, the angular inner surface adapted to fill the corner of the sash B, the exterior being quadrantal in form, and is then placed in said cor-

ner abutting the pane and is secured in position by either tacks or screws. A backing of putty or other suitable impervious material may be used, as indicated at D, Fig. 1, to exclude moisture from beneath the same, and the edges may be turned back and adapted to penetrate the wood to aid in excluding moisture.

The construction of the corner-plate A', Fig. 2, is identical with the former, with the exception of the flanged portion 2, which extends slightly over the facing of the molding on both the vertical and horizontal parts.

The corner-plate A², Fig. 3, is formed of thin metallic plate, and a raised portion, cone-shaped, extends from the rear to a point in front on the marginal line. The raised part 3 abuts the pane, and the angular sides engage the corners of the sash, as above specified.

These corner-plates are secured to the sash, and being provided with an impervious backing they serve to prevent the accumulation of dirt in the corners, and thereby render it easier to perfectly clean the panes.

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

1. As a new article of manufacture the corner-plate having a quadrantal exterior, the front part having the form of a right angle joining said curved part, and provided with a backing of impervious material, adapted to fill the corner-space in a sash abutting the pane, substantially as shown and described.

2. As a new article of manufacture the corner-plate having a cone-shaped exterior with the apex to the front, the front angular surface joining said cone-shaped surface, and provided with a backing of an impervious material and adapted to fill the corner-space of a sash, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEORGE HERRMANN.

Witnesses:

B. PICKERING,
E. J. FINKE.