

UNITED STATES PATENT OFFICE.

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WINDOW CORNER-POST, TRANSOM-BAR, OR MULLION.

SPECIFICATION forming part of Letters Patent No. 728,885, dated May 26, 1903.

Application filed September 15, 1902. Serial No. 123,371. (No model.)

To all whom it may concern:

Be it known that I, PETER EBNER, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Window Corner-Posts, Transom-Bars, or Mullions, of which the following is a specification.

My invention relates to the improvement of window corner-posts and transom-bars, and has particular relation to that class of corner-posts which are adapted for the support of the glass plates of show or display windows; and the objects of my invention are to provide a simple, reliable, and effective window corner-post and transom-bar construction which will be strong and durable and to produce other improvements the details of which will be more fully pointed out hereinafter. These objects I accomplish in the manner illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a portion of one of said improved corner-posts. Fig. 2 is a transverse section on line *x x* of Fig. 4, showing portions of two glass plates connecting with my improved corner-post. Fig. 3 is a detail view in perspective of one of the channel-plates which I employ in the manner hereinafter described, and Fig. 4 is a central vertical section on line *y y* of Fig. 2 of my improved corner-post.

Similar numerals refer to similar parts throughout the several views.

In carrying out my invention I employ a corner standard or post 1, the body of which is of suitable outline and the forward side of which is formed with an outwardly-extending rib or longitudinal projection 2, this outwardly-projecting portion being united with the body 1 by an intermediate neck portion 3, the sides of which may incline from said projection 2 to conform to the inclination of the glass plates to be held thereby. As indicated at 4, I cover the greater portion of the body 1, which is of wood, with a metallic sheath 5. 6 represents the adjoining or adjacent portions of two window-glass plates, which when said corner-post is suitably supported in a vertical position at the corner of

a window frame have their vertical and adjacent sides or edges contacting with opposite sides of the projecting rib 2 and have their inner faces adjoining said edge portions bearing against the inclined surfaces of the neck portion 3 of the post.

7 represents the glass and post uniting clips or channel-plates which at intervals embrace the outwardly-projecting portion of the rib 2 and are secured to the latter by means of screws 8, which enter the neck portion 3 of the body 1. In constructing these uniting-clips 7 one side of each of the same is formed with an extension or wing 9, which is adapted to bear against the outer face of the adjoining glass plates 6, said wing or extension being inclined to conform to the direction or inclination of said glass-plate surface. In applying the uniting-clips 7 they are so arranged in connection with the rib 2 as to bring the extensions 9 alternately on opposite sides of said rib, as shown in Fig. 1.

In addition to the application of the uniting-clips 7 in the manner above described the outwardly-projecting portion of the rib 2, as well as the clips connected therewith, are covered by a suitably-formed and outwardly-projecting metallic plate 10, which extends throughout the length of said rib.

From the construction shown and described it will be seen that the glass plates are not only provided with edge bearings against the rear projection of the post, but that the inner faces of said plates adjoining their edge portions are held firmly in contact with the inclined surfaces of the neck portion 3. It will also be seen that the means for holding the glass plates in connection with the post, consisting of the channel-like clips, are completely covered by the outer cover-plate 10, which latter may be so shaped or ornamented as to present an attractive appearance. It will also be understood that the strength of the post is increased materially by the employment of the metallic sheath 5.

Although I have described my device as a window corner-post or mullion, it is obvious that the same might be used for transom constructions.

Having now fully described my invention, I

what I claim, and desire to secure by Letters Patent, is—

In a window corner-post, transom-bar or mullion the combination with the vertical
5 post 1 having neck and rib projecting portions 3 and 2, of the channeled clip-plates 7, each of said plates having a side extension 9,

said clips adapted to be united to the rib 2, and a cover-plate for said rib and clips, substantially as specified.

PETER EBNER.

In presence of—

C. C. SHEPHERD,
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