F. J. PLYM.

STORE FRONT CONSTRUCTION.

APPLICATION FILED MAY 19, 1915.

1,258,043. Patented Mar. 5, 1918.

Fig. 1.

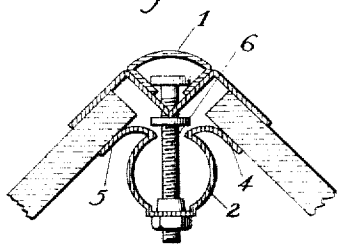


Fig. 2.

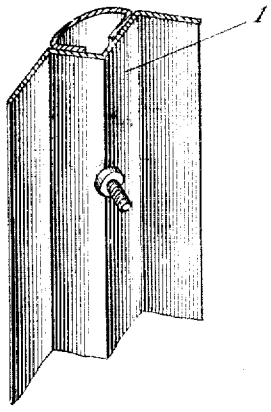
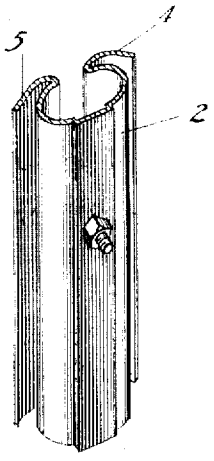


Fig. 3.



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STORE-FRONT CONSTRUCTION.

1,258,043. Specification of Letters Patent. Patented Mar. 5, 1918.

Application filed May 19, 1915. Serial No. 29,089.

To all whom it may concern:

Be it known that I, FRANCIS J. PLYM, a citizen of the United States, residing at Niles, Michigan, in the county of Berrien, have invented a new and useful Improvement in Store-Front Constructions, of which the following is the specification.

This invention relates to store front constructions and more particularly to corner and division bars of the type in which the adjacent edges of panes of glass are yieldingly clamped between face and back plates and is so designed that while it is sufficiently yielding where it engages the glass, it also possesses the required strength to withstand the strain incident to its use.

These features of advantage and capabilities will become apparent from the detailed description of the accompanying drawings, in which there is illustrated a sash bar embodying the invention. Of course, the construction there shown is illustrative only, and is not to be understood as defining the limits of the invention.

Figure 1 is a cross-section of a corner bar embodying the invention, and

Figs. 2 and 3 are perspective views of the face and back plates respectively.

Referring to the drawings in detail:

The face plate 1 and the back plate 2 are constructed of sheet metal, preferably drawn copper, and are of such a length as the height of the window requires, so that they reach from the bottom to the top thereof. The back plate is of a cylindrical form, having glass engaging flanges 4 and 5. By making the back plates in this form a higher degree of resilience is afforded at the points where it engages the glass and, at the same time the bar possesses considerable strength for a bar of the light type. The face plate may be of any desired form, and is provided with a plurality of openings, as is also the back plate. Screws 6 are inserted through these openings, and are provided on their inner ends with suitable nuts, by the proper adjustment of which the face and back plates are drawn toward each other and yieldingly clamp the edges of the glass in place.

Having now described my invention, I claim:

In a corner bar for store fronts the combination of an open hollow sheet metal cylindrical back plate provided at its inner longitudinal edges with outwardly and backwardly curved resilient glass engaging flanges, a face plate, and means connected to the face plate and passing through the back plate for the purpose set forth.

In witness whereof, I hereunto subscribe my name to this specification in the presence of two witnesses.

FRANCIS J. PLYM.

Witnesses:
I. V. CURRAN,
CLARENCE J. LOFTUS.