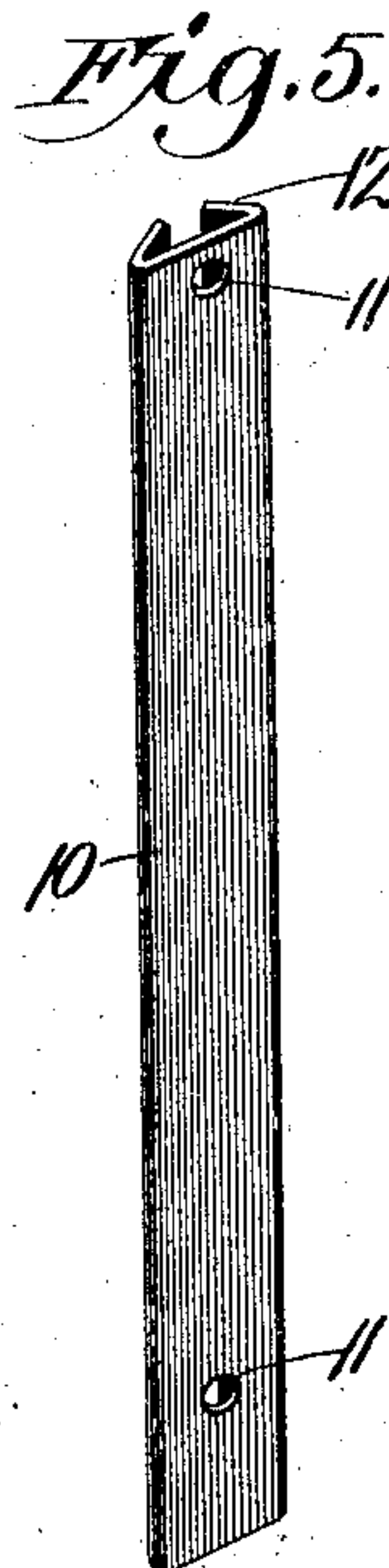
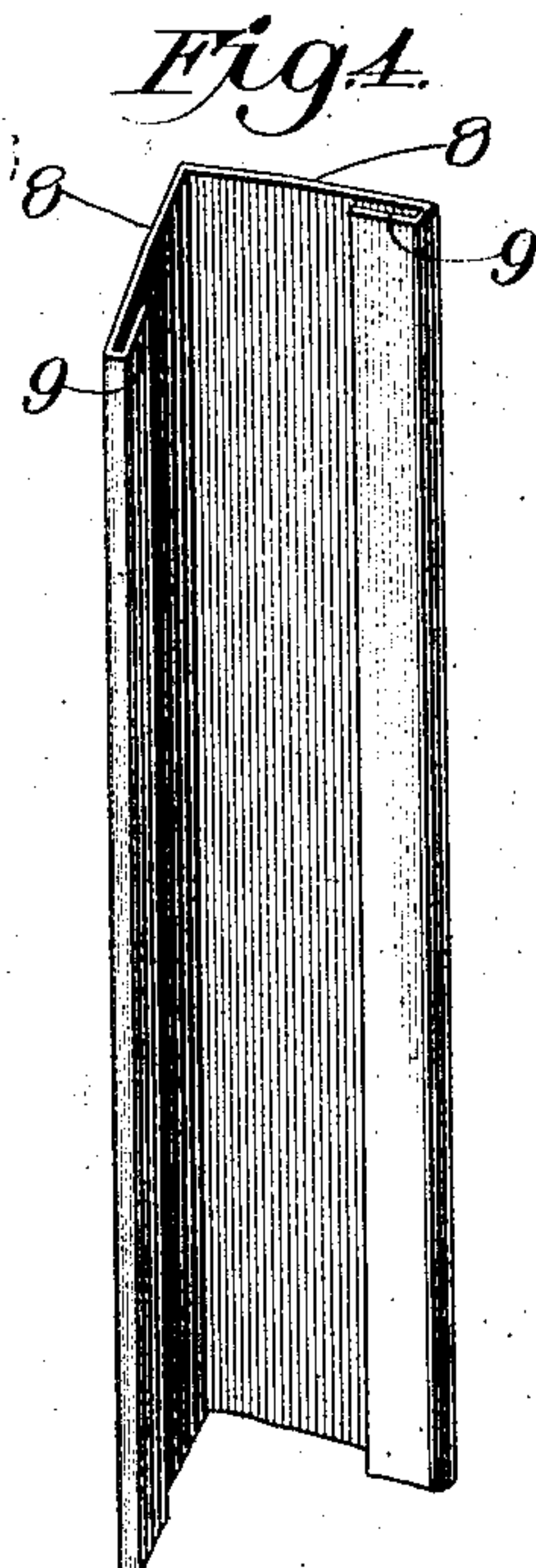
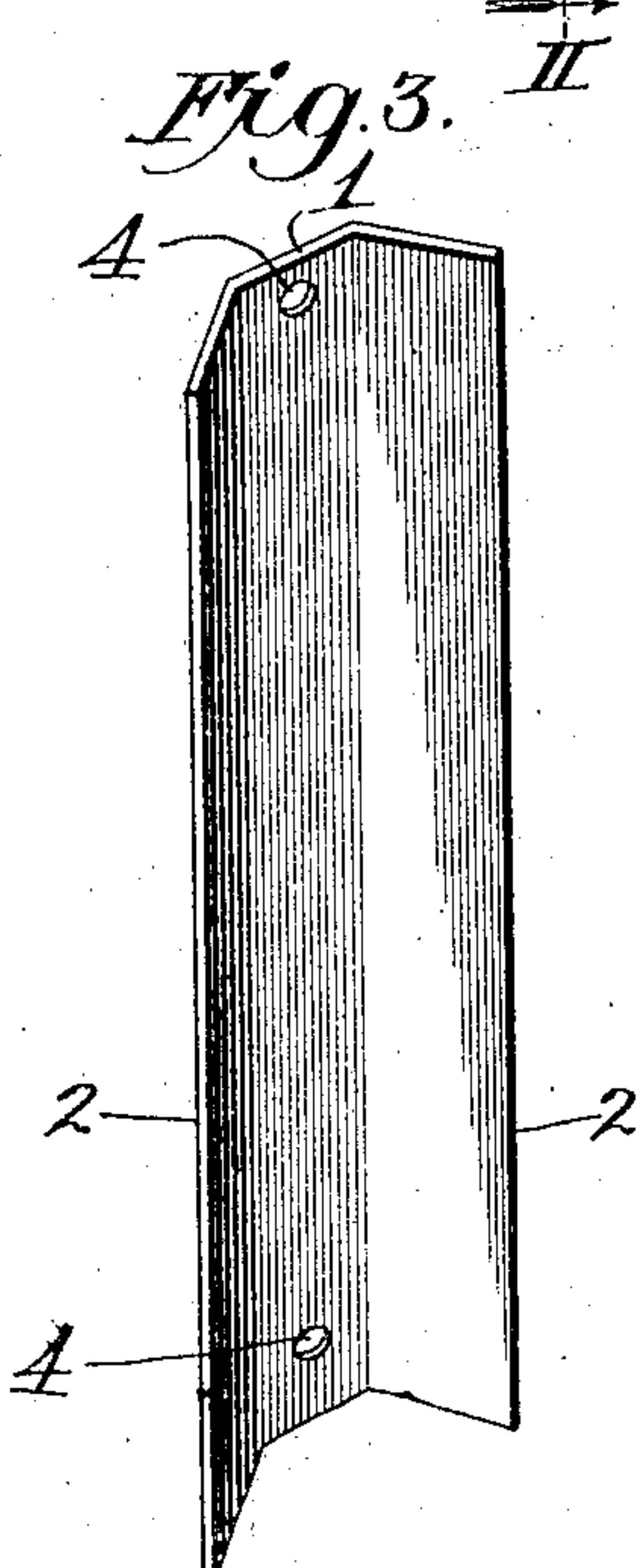
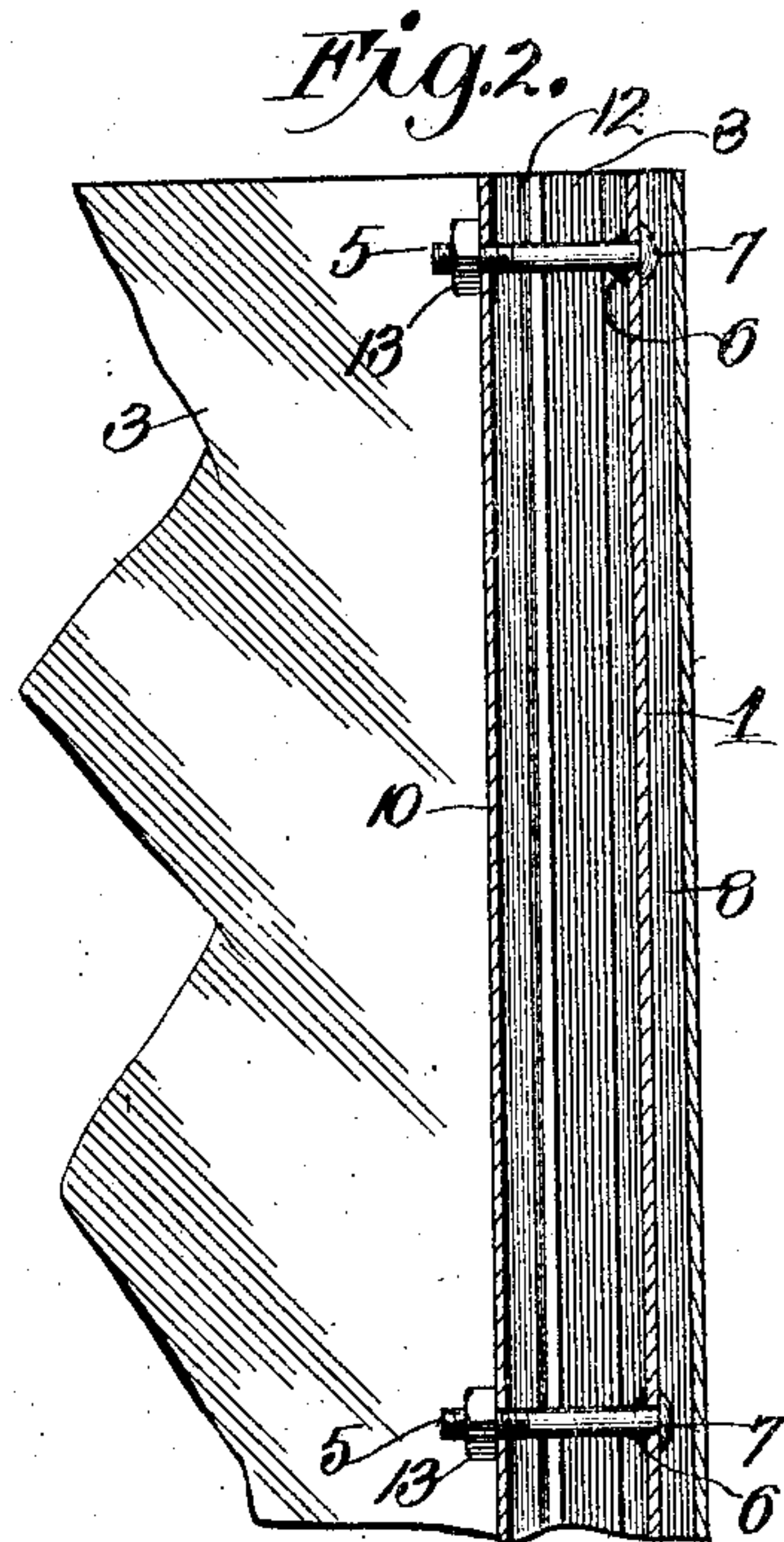
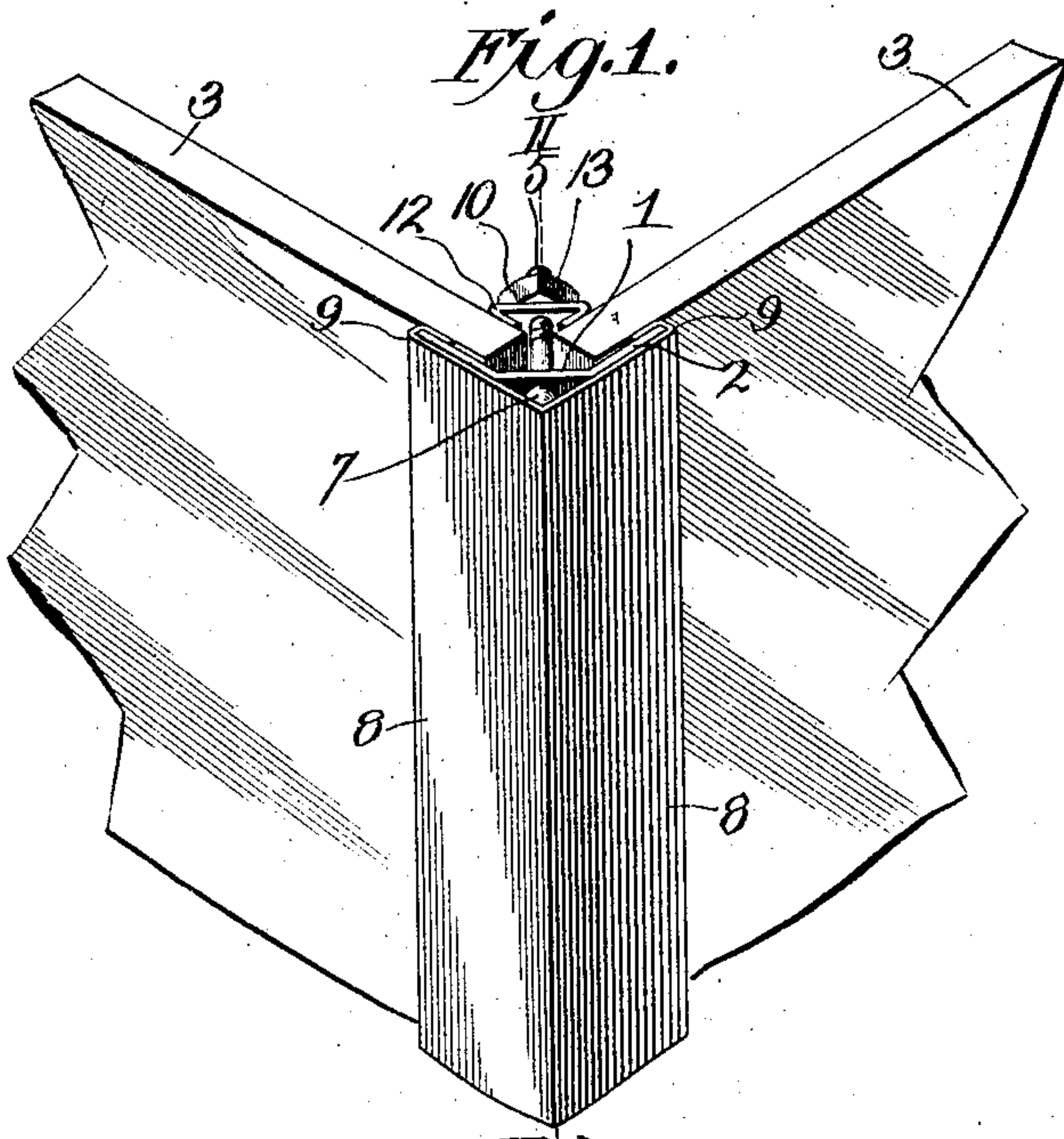


E. S. RHOADS.
STORE FRONT CONSTRUCTION.
APPLICATION FILED JULY 20, 1908.

934,696.

Patented Sept. 21, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

ERRETT S. RHOADS, OF KANSAS CITY, MISSOURI.

STORE-FRONT CONSTRUCTION.

934,696.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed July 20, 1908. Serial No. 444,423.

To all whom it may concern:

Be it known that I, ERRETT S. RHOADS, a citizen 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 Store-Front Construction, of which the following is a specification.

This invention relates to store front construction and has for its object to produce means whereby two window-lights or glass-panes disposed at an angle to each other can be easily, quickly and reliably secured together.

A further object is to produce means for securing two such window-lights together, which is of ornamental appearance and possesses the desirable features of simplicity, strength, durability and cheapness of construction.

A still further object is to produce a window front construction in which the securing or fastening members are inaccessible to and hidden from the view of a person at the outer side of a window.

With these general objects in view the invention consists in certain novel and peculiar features of construction as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawing, in which:—

Figure 1, is a perspective view of a portion of a store front embodying my invention. Fig. 2, is a vertical section taken on the line II—II of Fig. 1. Fig. 3, is a perspective view of a portion of the combined outer clamping and stiffening bar. Fig. 4, is a perspective view of a part of the face plate. Fig. 5, is a perspective view of a part of the inner clamping bar.

In the said drawings, 1 indicates the body portion of the outer clamping or stiffening bar and 2 the wings thereof, said wings being disposed at a suitable angle to each other to accommodate the angular relation of the window-lights 3 and overlapping the outer faces of the adjacent edges of the latter. At suitable intervals said bar is provided with holes 4 through which bolts 5 project inwardly between the window-lights. Said bolts may be secured rigidly to the bar 1 in any suitable manner, as by means of solder 6 and have their heads 7 bearing against the outer face of said bar, by preference.

A face plate of thin metal by preference, is creased or bent along its longitudinal center to provide a pair of similar wings 8 disposed at the same angle as wings 2, and having their ends doubled back inwardly to hook-form as at 9. After the bolts have been secured to plate 1 and before the latter is placed in operative position, it is fitted against the inner side of the angular face plate with its wings engaging the hooks 9, this object being accomplished by slipping said bar and face plate in opposite directions as will be readily understood, so that the corner of the face plate shall cover and hide from view the heads of the bolts and of course render them inaccessible from the outside. When the bar thus equipped with the bolts and face plate is arranged against the window-lights as explained, the hooks 9 will be interposed between the wings of the bar and the said lights and the bolts will project inward of such lights to receive the inner clamping bar, said bar consisting of a body portion 10 provided with perforations 11 to receive said bolts and outwardly converging wings 12 to bear squarely against the inner faces of the window-lights, nuts 13 being then screwed upon the inner ends of the bolts to clamp the window-lights firmly and reliably between the hooks of the face plate as reinforced by the stiffening bar, and the inner clamping bar.

A face plate of the form described, that is of V-shape in cross section, not only hides from view and renders inaccessible the heads of the bolts but it also imparts a very ornamental appearance to the corner of the window because it makes the same sharp and therefore looks narrower than it really is, in other words, it looks narrower than it would if curved over the bolt heads or if flattened over the same so as to correspond more closely to the cross sectional form of the stiffening bar.

It will be obvious that the construction described embodies the desirable features enumerated and that it is susceptible of modification in minor particulars without departing from the principle of construction involved.

Having thus described the invention what I claim as new and desire to secure by Letters Patent, is:—

A store front construction, comprising a pair of window-lights disposed at an angle to each other, a stiffening bar of semi-hex-

agonal form arranged with one of its sides outward of the space between adjacent edges of the window-lights and its other sides outward of and substantially parallel with the outer faces of said lights, a face-plate of thin metal of V-shape in cross section arranged with the inner sides of its arms fitting flatly against the outer sides of the side arms of the stiffening bar and its apex outward and centrally of the side of the stiffening bar opposite the adjacent edges of said window-lights, the free ends of the arms of said face-plate terminating in return-bend or hook portions embracing the edges of the stiffening bar and interposed between

the latter and the window-lights, bolts secured to the side of the stiffening bar opposite the adjacent edges of the window-lights and extending inwardly between and beyond the latter, a clamping bar fitting on said bolts and bearing against the inner faces of the window-lights, and means engaging the inner ends of said bolts to clamp said clamping bar firmly against the window lights.

In testimony whereof I affix my signature, in the presence of two witnesses.

ERRETT S. RHOADS.

Witnesses:

H. C. RODGERS,

L. B. WHERRITT.