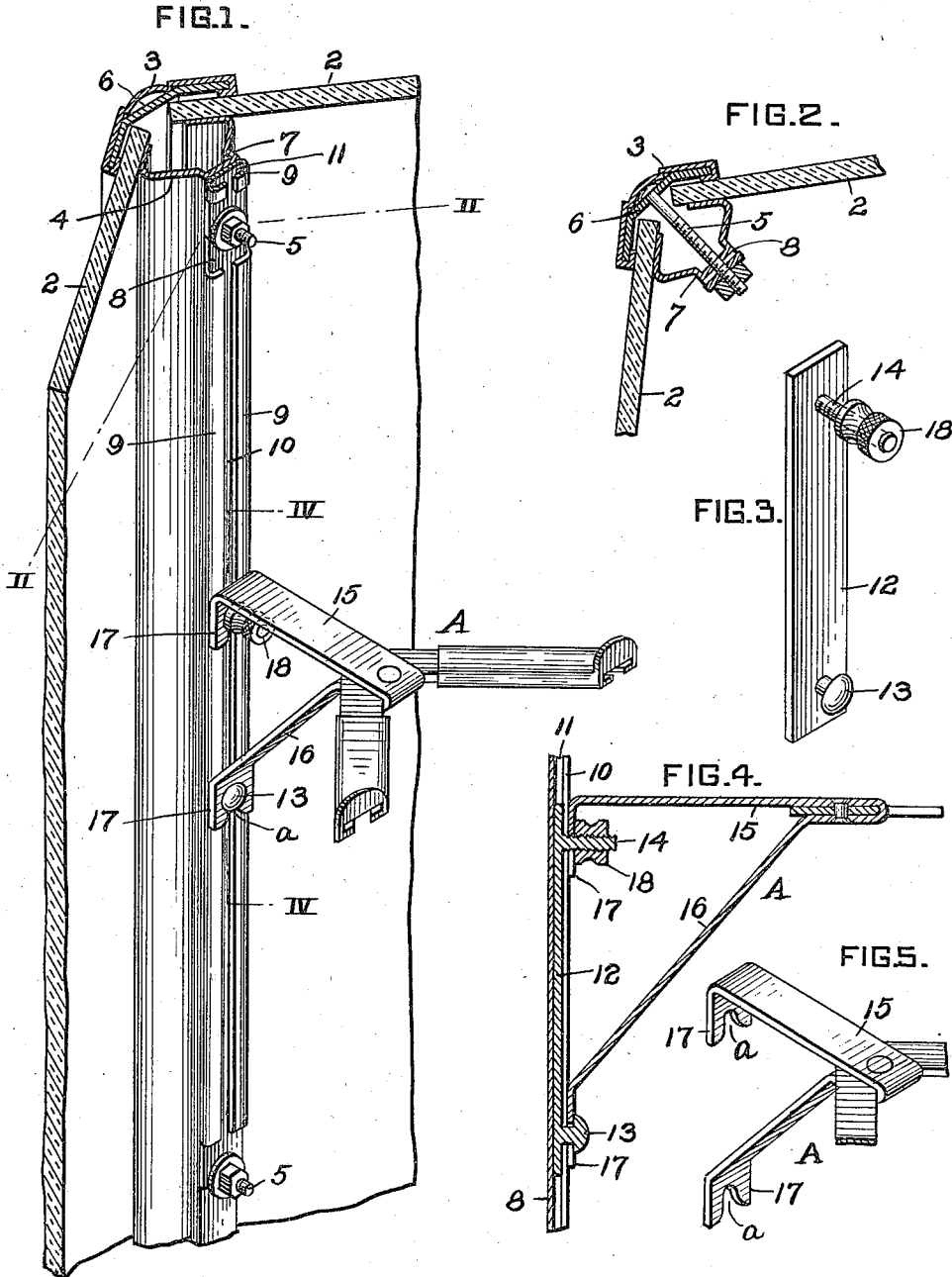


J. H. CRIST.
 WINDOW BRACKET.
 APPLICATION FILED OCT. 31, 1914.

1,172,260.

Patented Feb. 22, 1916.



WITNESSES
J. Herbert Bradley
Wasserman

INVENTOR
John H. Crist
 by *C. M. Clarke*
his attorney

UNITED STATES PATENT OFFICE.

JOHN HENRY CRIST, OF OAKMONT, PENNSYLVANIA.

WINDOW-BRACKET.

1,172,260.

Specification of Letters Patent.

Patented Feb. 22, 1916.

Application filed October 31, 1914. Serial No. 869,590.

To all whom it may concern:

Be it known that I, JOHN H. CRIST, a citizen of the United States, residing at Oakmont, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Window-Brackets, of which the following is a specification.

My invention consists of an improvement in supporting brackets or hangers adapted to be used with plate or other glass window fronts of stores and the like, and is particularly designed to provide a corner or other bracket for supporting goods at desired positions in the angular corner between the converging plates or panes of the window, or against a plane or other surface.

Ordinarily, plate glass windows are joined at their corners with a suitable connecting frame, having an interior intervening ridge or frame member providing a support for attachment of my improved shelf. The shelf consists of a suitable bracket having means for attaching it to such inner ridge or frame with terminal arms, adapted to support a triangular or other suitably shaped piece of glass or other material to provide a supporting shelf.

The objects in view are to provide such a device of simple and economical construction, preferably adapted to ready attachment, detachment, or variable positioning, and also to provide for accurate adjustment and positioning of the bracket upon its vertical supporting mount.

One preferred construction of the invention is shown in the accompanying drawings, in which—

Figure 1 is a sectional perspective view, showing the invention as applied to a corner frame of a window. Fig. 2 is a horizontal sectional view, indicated by the line II—II of Fig. 1. Fig. 3 is a perspective detail view of the shifting locking plate. Fig. 4 is a vertical sectional detail view, indicated by the line IV—IV of Fig. 1. Fig. 5 is a perspective detail view, showing the bracket detached.

Referring to the drawings, the plate glass lights 2, 2, which are ordinarily arranged at right angles, or approximately right angles to each other more or less, are ordinarily connected at their angular juncture by means of an outer suitable framing

member 3 and an inner member 4 connected in any suitable way, as by screws or bolts 5 and any other necessary elements as to the inner holding plate 6, etc.

The inner member 4, in the construction illustrated, is usually provided with an inwardly extending rib 7 having a flat face, as shown, upon which my improved construction is mounted. The invention is particularly adapted to utilization with a construction employing the inwardly extending rib 7, irrespective of whether its side portions are parallel with each other or not, one of the objects in view being to provide an attaching member or element adapted to be secured upon the face of rib 7, to which the supporting bracket or brackets may be adjustably mounted.

The bolts or screws 5 are ordinarily located at predetermined distances vertically of the frame, and by means of said bolts I secure upon the inner face of rib 7 the slotted plate 8. Said plate, as shown, is provided with a rear base having vertical terminal centrally arranged slots, by which it may be fixedly secured at each end upon the face of rib 7 by the bolts 5, as will be readily understood.

The sides of the base 8 are extended outwardly and inwardly, providing sides 9, 9, with an intervening central slot 10, the sides being spaced outwardly beyond the base 8, as clearly shown, providing the intervening space 11. In said space is slidably mounted the longitudinal strip 12 having at one end portion a button 13, and at the other end portion a screw extension 14, each extending outwardly through slot 10, as clearly shown in Fig. 4.

The bracket, which is generally designated by the letter A, and which is generally similar in construction to that of my prior application filed Oct. 19, 1914, No. 867278, is provided with the upper member 15 and the lower supporting leg 16, each of which is provided with the downwardly extending attaching terminals 17, 17, respectively, centrally slotted as at *a*. These terminal members are adapted to fit over the shank of stud 13 and screw 14 respectively, the lower one being retained by the stud itself, and the upper by means of the thumb screw 18, which also positively clamps the slidable member 12 fixedly with relation to the sides 9 of base 8 and the upper terminal 17 at any

desired position. By this means it will be seen that the bracket may be located at any position vertically of the base 8, between its terminal attachments by bolts 5, or that a plurality of brackets may be variously positioned therein and fixedly held. The number of the bases 8 may be co-extensive with the number of holding bolts 5 throughout the height of the joint of the juncture framing.

With the construction of the mounting base 8, as above described, and the slidable support 12, it will be seen that the bracket A having the terminals 17, or brackets or supporting arms or devices of any suitable or preferred construction, having similar attaching terminals, may be variously positioned and held therein. It will be understood, of course, that the terminals 17 may extend in either direction, *i. e.*, upwardly or downwardly or that the brackets themselves may be reversed in position, and that the invention is not limited to the specific arrangement of these parts.

The bracket is well adapted to the support of a shelf, which may be of plate glass or other suitable material, and of any desired design, dimensions or character within the preference of the user or manufacturer.

The advantages of the invention will be readily appreciated by all those familiar with this class of devices. It enables the easy and convenient attachment and detachment of the bracket, or of its accurate positioning as to height; it is adapted for easy removal for cleaning; it is substantial and durable in construction and economical to manufacture, and is adapted to application, not only to the particular framing member 4-7, as disclosed, but to any other interior frame or vertical ridge in similar arrangement or relation to the lights of a window, or of any other adjacent surfaces.

It will be understood that the invention may be variously changed or modified in construction, design, or other details by the skilled mechanic, but that all such changes

are to be considered as within the scope of the following claims.

What I claim is:

1. The combination with a supporting rib or the like, of a slotted base secured thereon having outwardly spaced inwardly extending flanges and an intervening slot, a slidable member therein having integral holding pins extending through said slot, a supporting bracket or the like connected therewith and a nut threaded on one of said pins whereby to rigidly clamp the slidable member in fixed relation to the base, substantially as described.

2. The combination with a supporting rib, of a slotted base secured thereto having outwardly spaced inwardly extending flanges and an intervening slot, a slidable member therein having integral studs extending through the slot, a supporting bracket adapted to seat on the outer ends of said studs, and a nut threaded on one of the studs whereby to rigidly clamp the slidable member in fixed relation to the slotted base and the supporting bracket to the slidable member, substantially as described.

3. The combination with a supporting member having outwardly spaced inwardly extending flanges and an intervening slot, of a slidable member held therein, studs on the slidable member extending through the slot, a head on the lower stud, a supporting bracket having slotted terminals adapted to engage said studs, and a nut threaded on the upper stud, whereby to clamp the slidable member in adjusted relation to the slotted base and to hold the supporting bracket rigidly seated on the slidable member, substantially as described.

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

JOHN HENRY CRIST.

Witnesses:

C. M. CLARKE,
FREDK. STAUB.