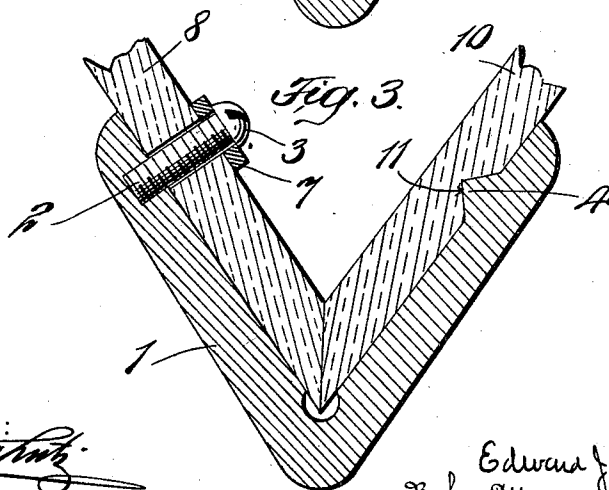
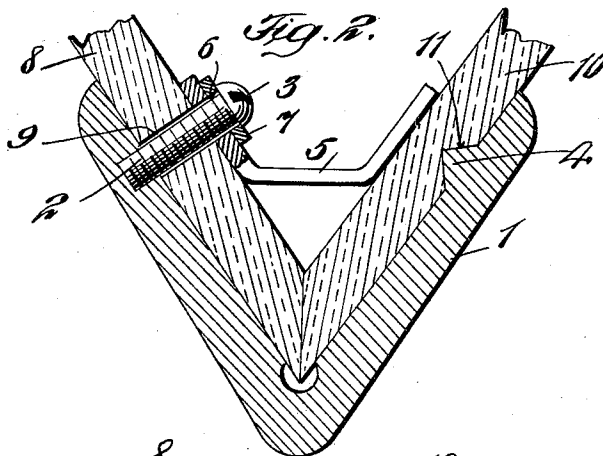
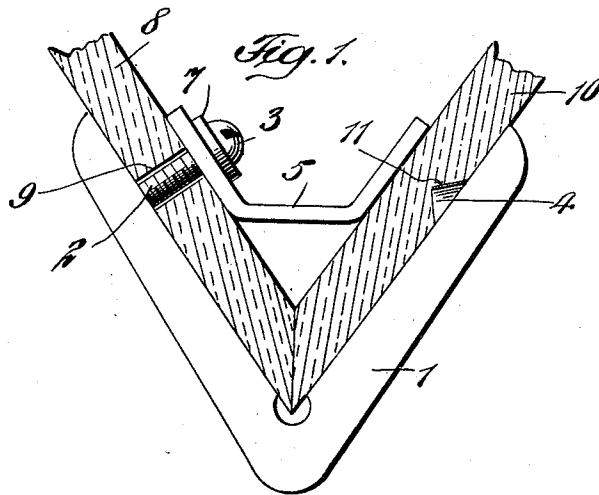


E. J. REID.
CLAMP FOR SHOW FRONTS OR SHOW CASES.
APPLICATION FILED DEC. 24, 1909.

1,012,708.

Patented Dec. 26, 1911.



Witnesses:
Julius H. [Signature]
C. A. Pierce.

Inventor
Edward J. Reid.
By his Attorney A. M. Pierce.

UNITED STATES PATENT OFFICE.

EDWARD J. REID, OF BROOKLYN, NEW YORK.

CLAMP FOR SHOW-FRONTS OR SHOW-CASES.

1,012,708.

Specification of Letters Patent.

Patented Dec. 26, 1911.

Application filed December 24, 1909. Serial No. 534,870.

To all whom it may concern:

Be it known that I, EDWARD J. REID, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Clamps for Show-Fronts or Show-Cases, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates especially to devices employed for clamping the meeting edges of plates of glass in show cases, and the like, and has for its object the provision of a simple and effective clamp wherein the danger of breakage or cracking of the glass is obviated.

To attain the desired end, my invention consists in certain novel and useful combinations or arrangements of parts, and peculiarities of construction and operation, all of which will be hereinafter first fully described, and then pointed out in the claim.

In the drawing, Figure 1 is a plan view of a clamp embodying my invention, shown as applied to the meeting edges of two glass plates. Fig. 2 is a horizontal, longitudinal, sectional view through the center of the clamp. Fig. 3 is a plan view showing the device without an interior cross-bar.

Similar numerals of reference, wherever they occur, indicate corresponding parts in all the figures.

1 is a right-angular metallic body having a semi-perforation 2 for the reception of a screw 3 in one of the arms, and an inwardly projecting stud 4 upon the other arm.

5 is an interior cross-bar having a slotted perforation 6 therein for the passage of the screw 3.

7 is a washer beneath the screw head.

8 represents one of the glass plates, perforated at 9 to accommodate the screw 3. 10 is the other glass plate, having a cavity 11 in its exterior corresponding to the stud 4.

Heretofore clamps have been used with a screw or bolt in each arm, with a perfora-

tion in each of the glass plates for the passage of screws, but the arrangement is not always satisfactory, as in case of the settling of one of the plates of glass, the strain caused thereby upon the screws often cracks or breaks the glass. By using a screw or bolt on one side only, a certain amount of play of the parts is provided for.

If desired, the interior cross-bar may be dispensed with in some cases, as illustrated in Fig. 3 of the drawing, and a single screw or bolt employed.

Having now fully described my invention, what I claim as new therein, and desire to secure by Letters Patent, is:

The combination of a pair of glass plates arranged at an angle to each other, one of the glass plates having an opening therein, while the opposite glass plate is provided in the outer face thereof with a recess, an angle iron applied to the adjacent edges of the glass plates and formed with integral wings fitting closely against the outer faces thereof, one of the said wings being formed with a lug received within the recess of the second mentioned glass plate, while the opposite wing is formed with a threaded socket registering with the opening in the first mentioned glass plate, a screw extending through the opening in the first mentioned glass plate and engaging the socket, and a diagonal arm having the ends thereof deflected outwardly so as to bear against the inner faces of the glass plates, one of the outwardly deflected ends of the diagonal bar being engaged by the before mentioned screw to hold the bar in position, while the opposite outwardly deflected end of the diagonal bar is located opposite the lug of the angle iron.

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

EDWARD J. REID.

Witnesses:

EDW. L. WATERBURY,
JOHN B. FORSYTH.