D. WEINSTOCK.

DISPLAY CASE.

APPLICATION FILED OCT. 4, 1910.

991,571. **Patented May 9, 1911.**

Fig. 1.

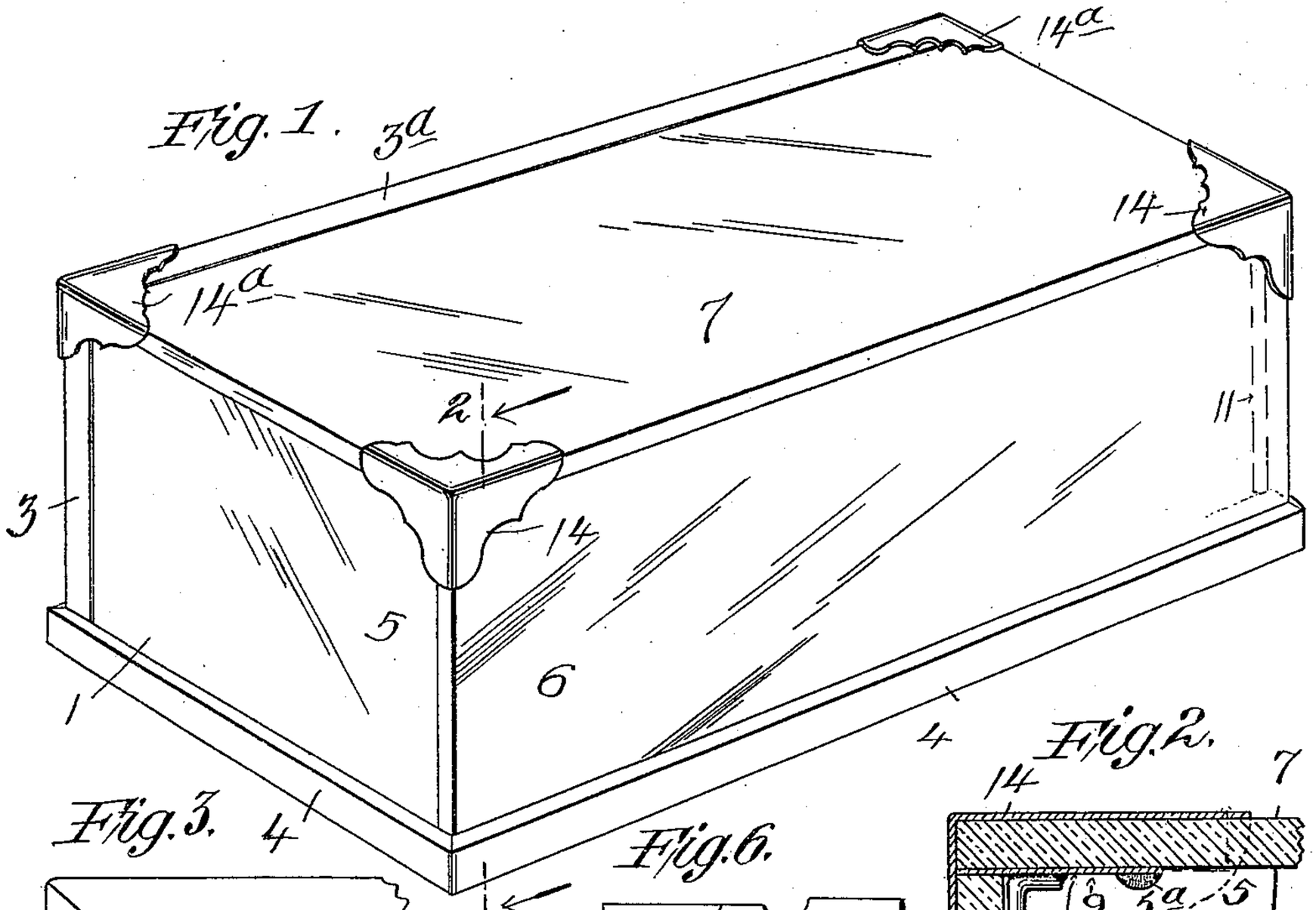


Fig. 2.

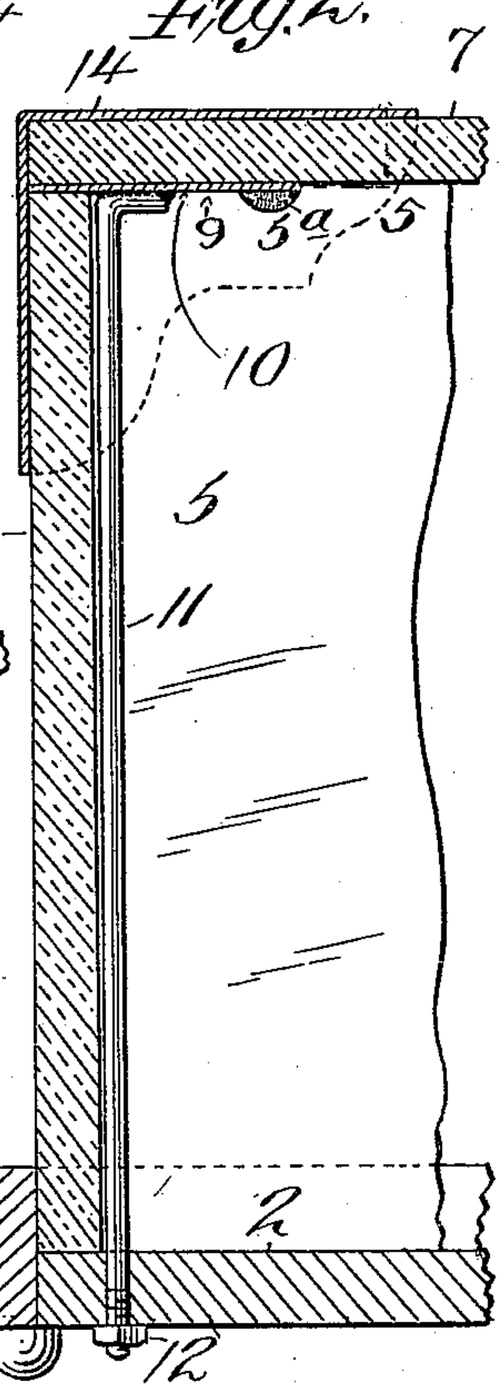


Fig. 3.

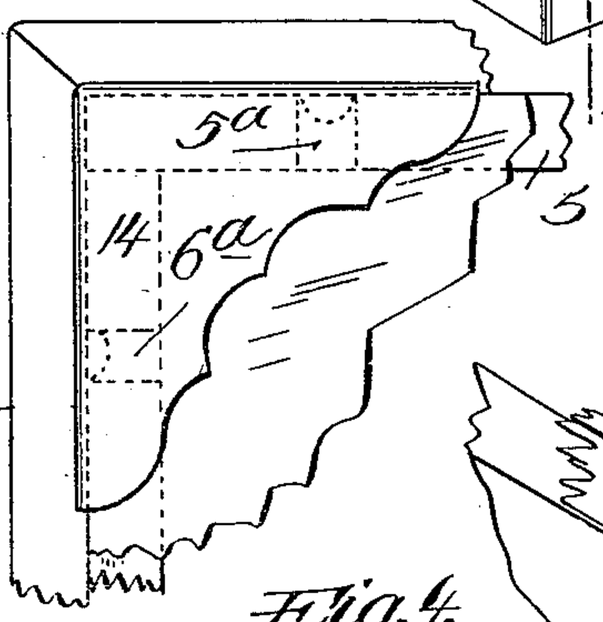


Fig. 6.

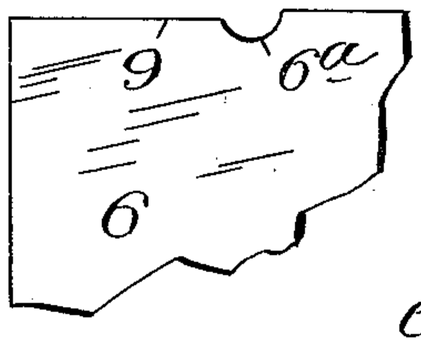


Fig. 4.

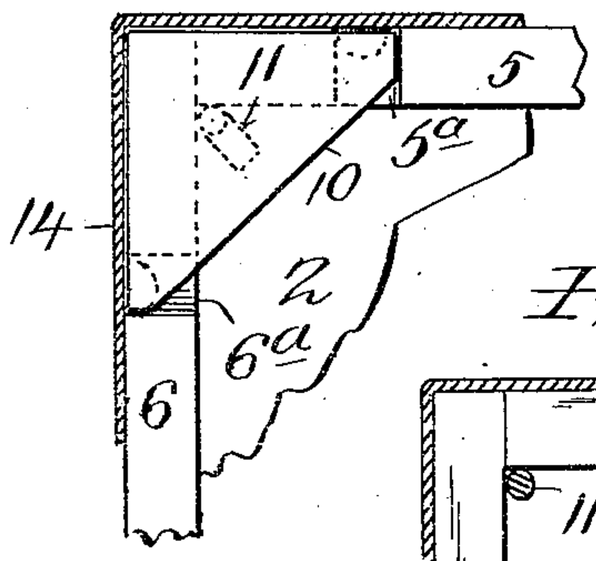


Fig. 5.

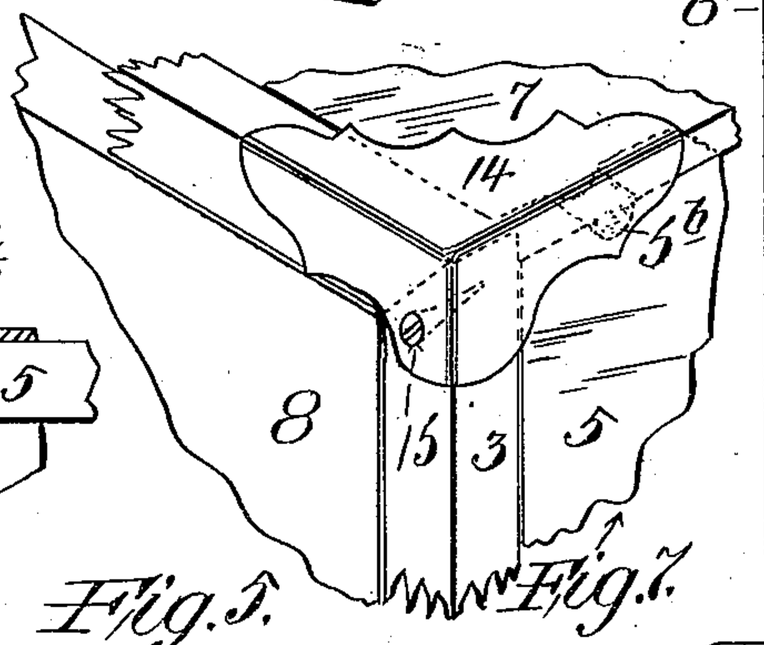
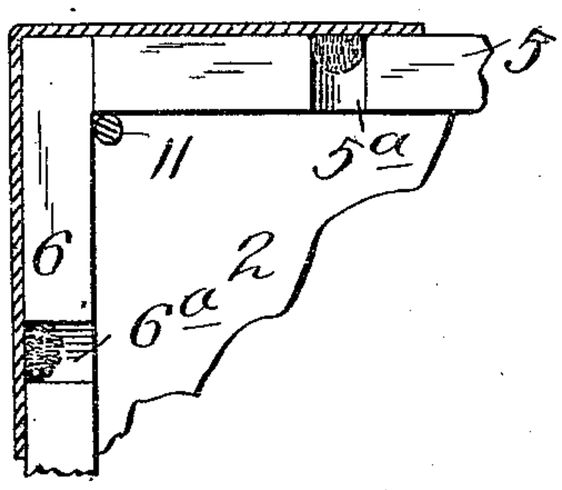


Fig. 7.



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UNITED STATES PATENT OFFICE.

DAVIS WEINSTOCK, OF NEW YORK, N. Y.

DISPLAY-CASE.

991,571. Specification of Letters Patent. Patented May 9, 1911.

Application filed October 4, 1910. Serial No. 585,190.

To all whom it may concern:

Be it known that I, DAVIS WEINSTOCK, a citizen of the United States, and resident of New York city, borough of Manhattan, in the county of New York and State of New York, have invented certain new and useful Improvements in Display-Cases, of which the following is a specification.

My invention relates to improvements in display cases comprising glass panels, and the object of my invention is to provide improved means for holding such panels in proper relative positions without danger of injuring or breaking the glass, and to cheapen the cost of manufacturing such cases.

My invention comprises novel details of improvement and combinations of parts that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawings forming part hereof, wherein,

Figure 1 is a perspective view of a display case embodying my improvements; Fig. 2 is an enlarged detail cross section on the line 2, 2, in Fig. 1; Fig. 3 is a detail broken view of one corner of the case; Fig. 4 is a detail cross section taken above plate 10, in Fig. 2; Fig. 5 is a similar view taken below plate 10, in Fig. 2; Fig. 6 is a detail of one corner of a glass panel, and Fig. 7 is a detail looking at the rear upper corner of the case.

Similar numerals of reference indicate corresponding parts in the several views.

The case, indicated generally at 1, has a base board 2, provided with corner uprights 3 at the rear, and a connecting strip 3 at the upper portion, forming a framing having an opening at the rear of the case. Flanges or strips 4 are secured around base 2. End panels 5, front panel 6 and a top form the main sides of the case, parts 5, 6 and 7 being made of glass. The glass panels 5, 6, stand on edge on base board 2 within and against flanges or strips 4, and said panels abut at their edges one against another in usual manner. Any suitable door 8 may be applied at the back opening of the case in well-known manner to permit access to the interior thereof.

The upper edges of the panels 5, 6, near their adjacent front corners, and the upper edges of the panels 5 near their rear corners, beneath the overlying top glass panel 7, are provided with recesses 5^a, 5^b, 6^a. The top edges of the panels 5, 6, beyond the recesses 5^a, 6^a, are depressed below the level of the top edge of the corresponding panel, as indicated at 9, to provide spaces at the upper front corners of the case between the top panel 7 and the upper corners of the panels 5, 6, in which recesses suitably shaped corner-plates 10 of suitable metal are located which bear upon the recessed top corner edges of panels 5, 6, (see Figs. 2 and 4). The plates 10 are connected with rods 11 located at adjacent corners within the case between the panels 5, 6, which rods are shown secured to the base 2 by passing through the base and being provided with threads receiving nuts 12. Rods 11 are secured to plates 10 in any suitable manner, as by solder, the upper ends of the rods being bent for the purpose, and when the parts are arranged as shown in Fig. 2 the plates 10 and rods 11 serve to hold the side panels 5, 6, in proper position upon base board 2.

At 14 are suitably shaped metal corner-pieces fitting at the angles between the panels at the upper front corners and at 14^a are corner-pieces fitting the angles at the rear corner parts 3, 3^a, 5 and 7.

The front corner pieces overlie the plates 10 and said plates overlie the recesses 5^a, 6^a, and when the parts are assembled solder is dropped into the recesses 5^a, 6^a against the overlapping portions of the corner pieces and against the plates 10, whereby the panels 5, 6, at the front corners are locked to the corner pieces 14 by the solder that enters the recesses 5^a, 6^a, and the corner pieces 14 in turn are soldered to the plates 10. Thus, the front corner pieces 14 are kept from outward movement in the plane of panels 5 by the solder projecting from the corner pieces into the recesses 5^a, and said corner pieces are kept from outward movement in the plane of panel 6 by the solder projecting from the corner pieces into the recesses 6^a. The panel 6 is kept from endwise and outward movement, and the top panel 7 is held in place upon the panels 5, 6, at the front corners, by the corner pieces 14. The rear corner pieces 14^a may be attached to the parts 3 or 3^a by screws 15, and the solder from the rear corner pieces 14^a entering recesses 5^b keeps the panels 5 from outward movement and said corner pieces hold the panels 5 and 7 in position at the rear framing at the rear upper corners.

The construction is such that all of the glass panels are firmly retained in position from movement in any direction by the means described and by the overlapping of the edges of the panels 5, 6, and the disadvantage of boring holes in glass panels for attaching corner pieces thereto is overcome, as the glass panels are not so liable to break when provided with recesses as described containing projections from the corner pieces as if glass panels were provided with holes receiving bolts or screws passing through the corner pieces. Furthermore, by my invention I am enabled to dispense with rods or wires connecting vertical rods at the front and connecting said rods with rear uprights, thereby overcoming the objection to such rods being seen, and simplifying the construction.

Changes may be made in the details of construction set forth, within the scope of the appended claims, without departing from the spirit of my invention.

Having now described my invention what I claim is:—

1. A display case comprising a base, side and front panels thereon, a top panel, the side and front panels having recesses and depressed portions adjacent the upper corners, plates located in said depressed portions beneath the top panel, means connecting said plates with the base, and corner pieces overlying the panels, said corner pieces being connected with said plates.

2. A display case comprising a base, side and front panels thereon, a top panel, the side and front panels having recesses and depressed portions adjacent the upper corners, plates located in said depressed portions beneath the top panel, means connecting said plates with the base, and corner pieces overlying the panels, said corner pieces being connected with said plates, and projections from the corner pieces entering said recesses in the panels.

3. A display case comprising a base, side and front panels upon the base, a top panel, and corner pieces for the panels, the front and side panels having recesses in their edges, the corner pieces having projections entering said recesses, uprights at the rear edges of the panels, corner pieces at the upper edges of the uprights, the side panels having recesses adjacent their upper rear corners and solder entering said recesses and secured to the corner pieces.

Signed at New York city in the county of New York and State of New York this 3rd day of October, A. D. 1910.

DAVIS WEINSTOCK.

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