

E. W. CARNES.
 DISPLAY RECEPTACLE.
 APPLICATION FILED JULY 19, 1907.

921,673.

Patented May 18, 1909.

Fig. 1

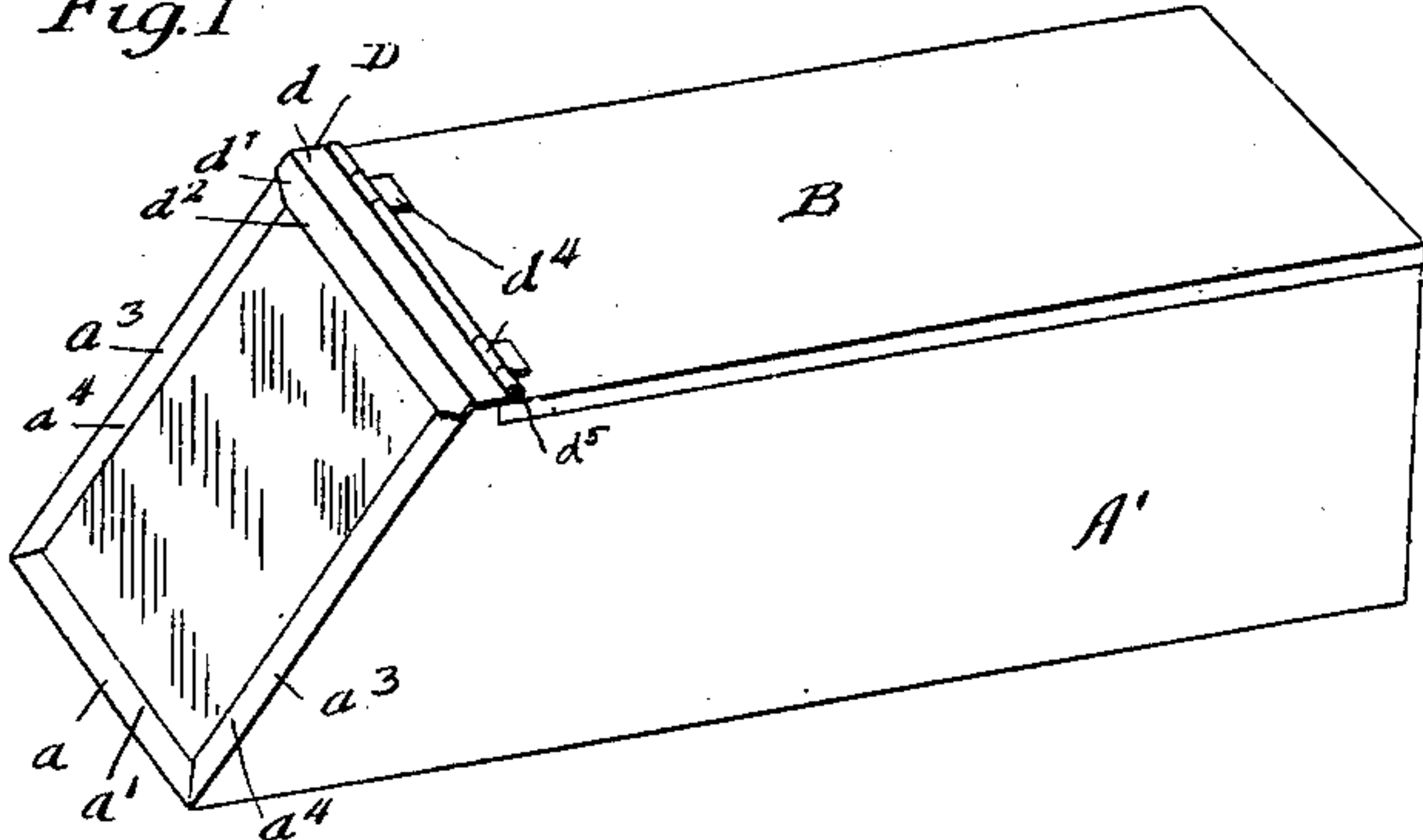


Fig. 2

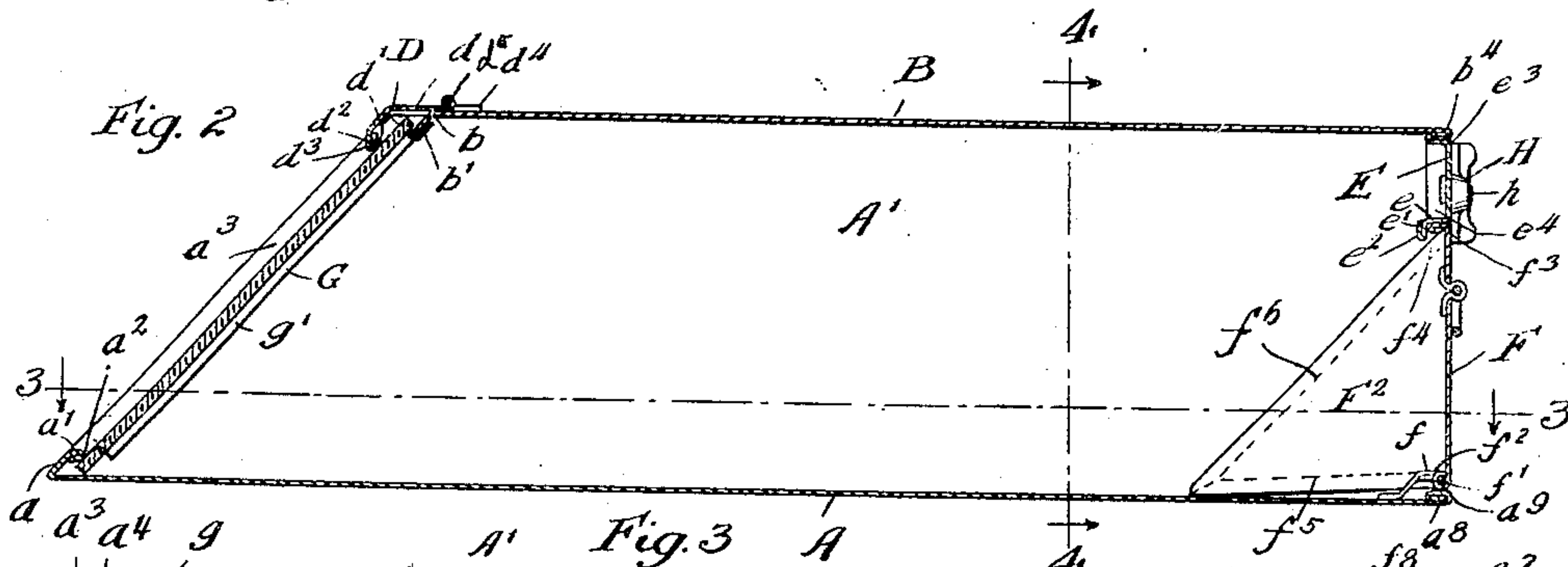


Fig. 3

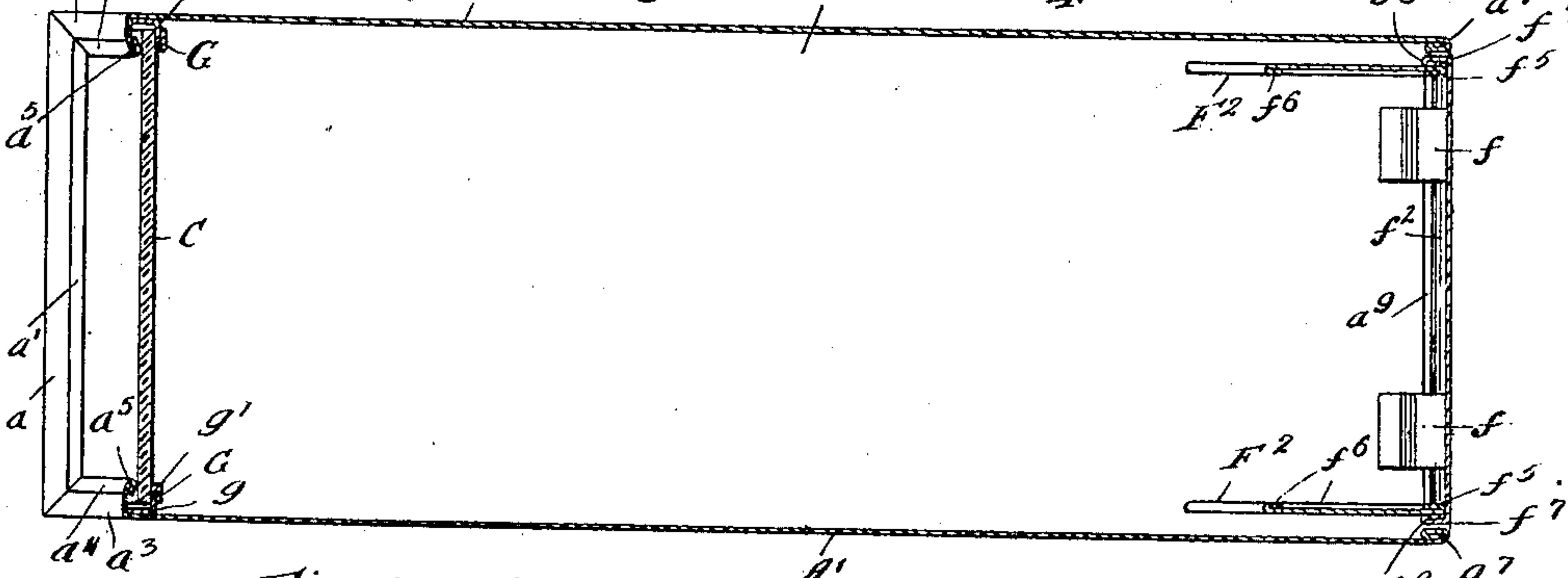
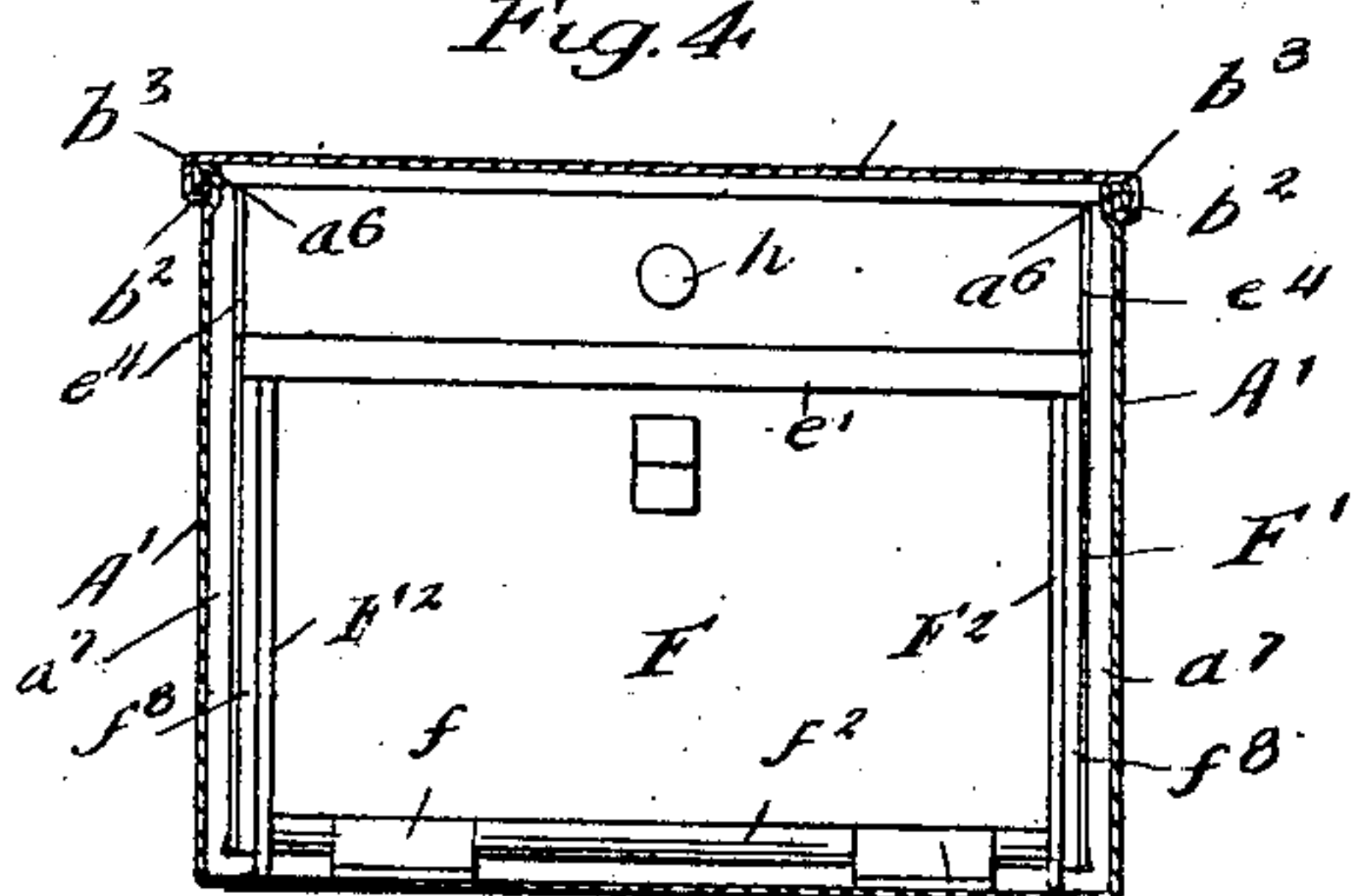


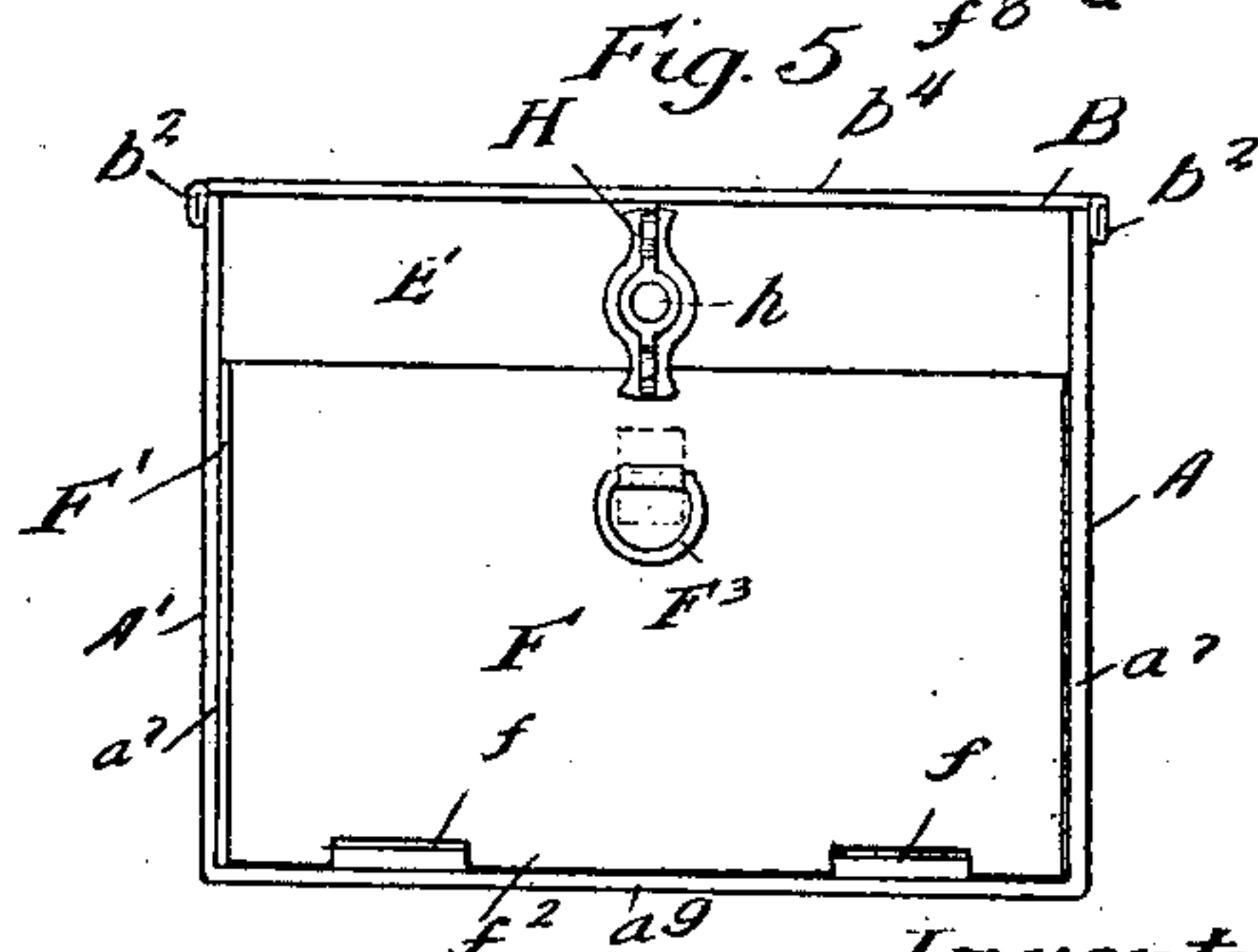
Fig. 4



Witnesses:

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Fig. 5



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UNITED STATES PATENT OFFICE.

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DISPLAY-RECEPTACLE.

No. 921,673.

Specification of Letters Patent.

Patented May 18, 1909.

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To all whom it may concern:

Be it known that I, EDWARD W. CARNES, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Display-Receptacles, of which the following is a specification.

My invention relates to sheet metal display cans or boxes for candies and other articles. The object of my invention is to provide a sheet metal display can or box suitable for shipment, display and dispensing of candies, which will be of a strong, simple, efficient, and durable construction, which will be composed of two parts, may be cheaply manufactured, in which the glass plate will be removable so that it can be conveniently cleaned, in which the candies will be suitably displayed to the eye whether the person be a child or a grown person, and from which the candies may be conveniently removed without disturbing the portion thereof immediately adjacent to the glass or display plate and thus interfering with the attractive appearance of the can or box.

My invention consists in the means I employ and herein shown and describe for practically accomplishing this object or result.

In the accompanying drawing forming a part of this specification, Figure 1 is a perspective view of a candy display can or box embodying my invention; Fig. 2 is a vertical longitudinal section; Fig. 3 is a horizontal section on line 3—3 of Fig. 2; Fig. 4 is a vertical section on line 4—4 of Fig. 2, and Fig. 5 is a rear elevation.

In the drawing A represents the bottom of the can or box, A¹ its upright sides, preferably integral with the bottom, B the top plate, C the inclined removable glass front or display plate, D the hinged cover overlapping the upper edge of the inclined display plate, E the back plate and F the hinged door closing the dispensing opening F¹ at the rear end or back of the box.

The bottom plate A has an integral upwardly and rearwardly inclined guide *a* furnished with a beveled edge *a*¹ and fold *a*² for the lower edge of the inclined front or display plate C to abut against. And the upright sides A¹ of the box are furnished with integral inclined guides *a*³ having beveled edges *a*⁴ and folds *a*⁵ to overlap the side edges of the

inclined glass plate C. The upright sides A¹ of the box are further provided with inclined supports or guides G, preferably soldered thereto to hold the inclined glass plate C securely in place. Each of the glass holding guides G preferably has a right angle flange *g* and a folded edge *g*¹ to give a smooth edge thereto and prevent danger of injury to the fingers in removing and replacing the glass plate C. The top plate B is provided at its front end with an inclined integral guide or support *b* flush with the inclined side guides G G, and having a fold *b*¹ at its lower edge to give the same a smooth finish. The hinged cover D which closes the upper end of the slot or passage through which the glass plate C is inserted and removed, has a horizontal member *d* parallel with the top plate B and an inclined member *d*¹ having a beveled edge *d*² and fold *d*³ corresponding to the inclined guides *a* and *a*³ on the bottom A and upright sides A¹. The cover D is connected by hinge straps *d*⁴ and hinge pin *d*⁵ with the top plate B, so that the cover D overlaps the inclined guides *a*³ on the upright sides A¹ of the box.

The top plate B has seaming flanges *b*² at its longitudinal edges interfolded with the flanges *a*⁶ on the upright sides A¹ into a folded seam *b*³ uniting the top plate with the upright side plates A¹. The end plate E has at its lower edge an inwardly projecting flange *e* and a downwardly projecting flange *e*¹ having a fold *e*² at its lower edge to form a seat for the upper edge of the door to abut against and to stiffen the end plate and adapt it to properly support the door button or fastener H, which is pivotally secured to the end plate E by a rivet *h*. The back or rear end plate E has a flange *e*³ at its upper edge interfolded with the flange *b*⁴ at the rear end edge of the top plate B to secure the end plate and top plate together. The upright sides A¹ of the box at their rear ends are furnished with folds *a*⁷ to stiffen the same and give a smooth finish to the surrounding walls of the dispensing opening F¹ in the rear end of the can. At the ends the back plate E is furnished with inwardly projecting flanges *e*⁴, fitting within and soldered to the upright sides A¹ A¹ of the box. The dispensing door F which closes the dispensing opening F¹ at the back or rear end of the box, is hinged at the lower edge to the rear

end of the bottom plate A by hinged straps f and hinge pin f^1 . The bottom plate A at its rear end is furnished with a flange a^8 and a fold a^9 to reinforce and stiffen this end of the bottom plate and afford an abutment for the lower edge of the hinged door F. The hinged door F has at its lower edge a fold f^2 embracing the hinge pin f^1 , and at its upper edge it is provided with an inwardly projecting flange f^3 having a fold f^4 . The hinged door F is provided with side wings F^2 F^2 , preferably of triangular shape and furnished with folded edges f^5 f^6 to stiffen the same and give a smooth finish thereto. The side wings F^2 of the door, by engagement with the lower edge of the back or end plate E serve as stops to limit the opening movement of the door F, and also to prevent spilling of the candies when the door is swung downward into its open position. The side wings F^2 are preferably made in separate pieces from the hinged door F, and secured thereto by solder or other means. The hinged door F is furnished with flanges f^7 at its side edges provided with folds f^8 .

As my improved candy display box has a long body with flat bottom and top, and an inclined glass front, a number of the boxes are adapted to be placed one on top of another on the counter of the store, the boxes being stepped slightly one back of another, so that their inclined fronts may be continuations of each other. The contents of the can may be readily seen whether the person is tall or short, a child, for example may look horizontally into the box, while a taller person looks more or less downwardly into it.

The door F is provided with a handle ring F^3 for opening and closing it.

I claim:

1. A sheet metal can or box having a bottom and upright sides furnished with integral inclined guides to engage the lower edge and side edges of a removable glass plate, inclined side guides secured to said upright sides to support the glass plate, and a top plate having an inclined support at its front end for the upper edge of the glass plate, substantially as specified.

2. A sheet metal can or box having a bottom and upright sides furnished with integral inclined guides to engage the lower edge and side edges of a removable glass plate, inclined side guides secured to said upright sides to support the glass plate, a top plate having an inclined support at its front end for the upper edge of the glass plate, and a cover hinged at the front end of said top plate and overlapping the upper edge of the glass plate, substantially as specified.

3. A sheet metal can or box having a bottom and upright sides furnished with integral inclined guides to engage the lower edge and side edges of a removable glass plate, inclined side guides secured to said upright sides to support the glass plate, an inclined removable glass plate, a hinged cover overlapping the upper edge of the glass plate, said integral inclined guides on the bottom and upright sides having int-turned beveled edges furnished with folds, and said hinged cover having a beveled lower edge furnished with a fold, substantially as specified.

EDWARD W. CARNES.

Witnesses:

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