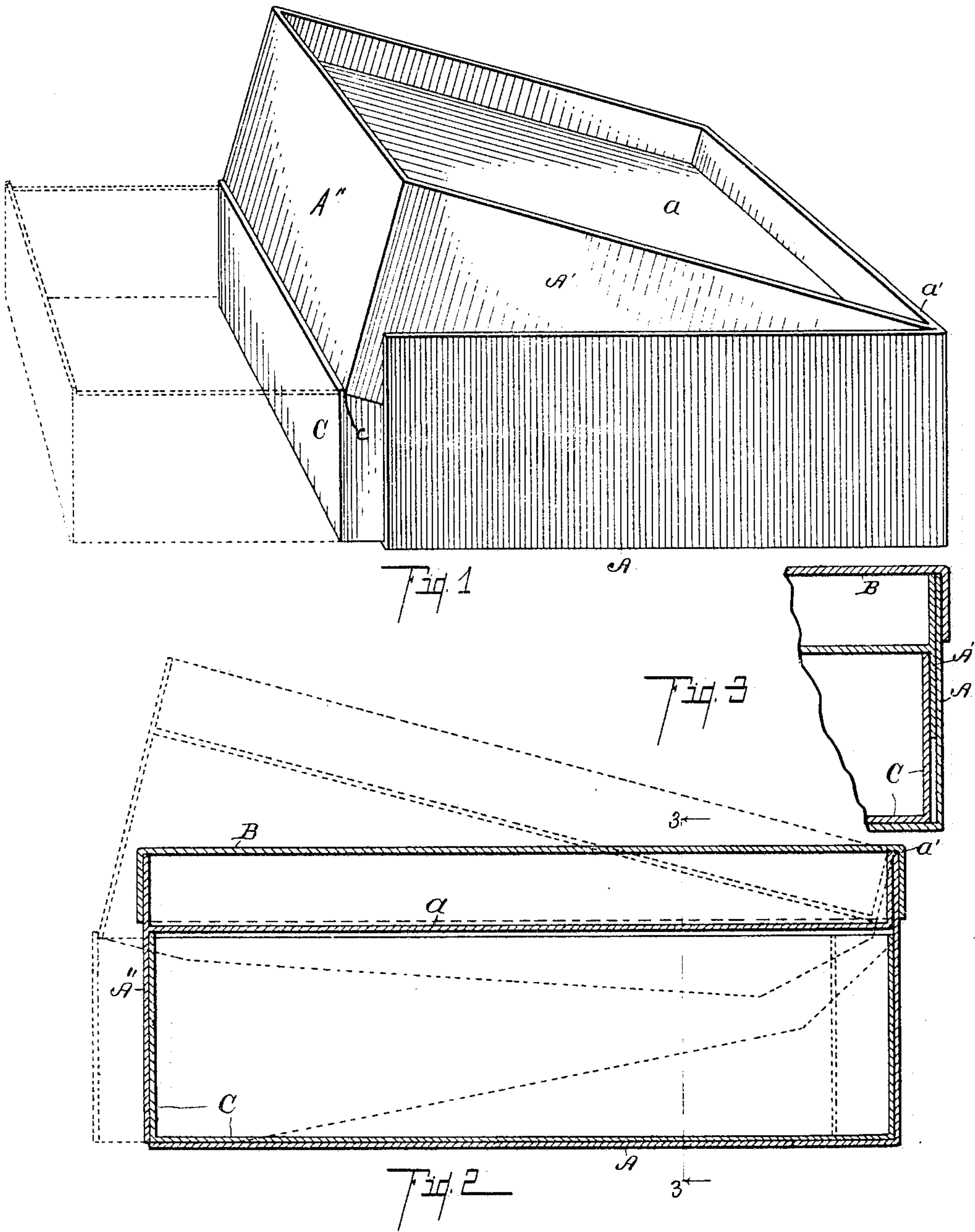


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W. E. & D. M. TAYLOR.
BOX.

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Witnesses:

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Att'y.

UNITED STATES PATENT OFFICE.

WILLIAM E. TAYLOR AND DOW M. TAYLOR, OF BATTLECREEK, MICHIGAN.

BOX.

SPECIFICATION forming part of Letters Patent No. 782,289, dated February 14, 1905.

Application filed April 15, 1904. Serial No. 203,363.

To all whom it may concern.

Be it known that we, WILLIAM E. TAYLOR and Dow M. TAYLOR, citizens of the United States, and residents of the city of Battlecreek, county of Calhoun, State of Michigan, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

This invention relates to improvements in boxes.

The objects of this invention are, first, to provide an improved box adapted to be used as a shipping, storage, display, and vending box; second, to provide an improved box adapted to be used as a shipping, storage, display, and vending box which is compact and simple in structure, economical to produce, and convenient to use.

Further objects and objects relating to structural details will definitely appear from the detailed description to follow.

We accomplish the objects of our invention by the devices and means described in the following specification.

The invention is clearly defined, and pointed out in the claims.

A structure embodying the features of our invention is clearly illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of our improved box with the cover removed and adjusted as a display-box, the storage or vending receptacle C being illustrated in a partially-withdrawn position by dotted lines. Fig. 2 is a detail longitudinal sectional view of our improved box, the same being illustrated adjusted for a display-box by dotted lines. Fig. 3 is a detail cross-sectional view taken on a line corresponding to line 3 3 of Fig. 2 looking in the direction of the little arrows at the ends of the section-line.

In the drawings similar letters of reference refer to similar parts throughout the several views.

Referring to the lettered parts of the drawings, the outer casing A of our improved box is made with walls on three sides only, the remaining side being open. Arranged within and pivotally secured to the outer casing at a'

is a display-tray *a*, having downwardly-extending side walls A' and rear walls A''. The side walls of the display-tray *a* are adapted to fit within the walls of the outer casing A. The cover B is of the usual or any desired construction.

The storage or vending receptacle C is adapted to slide under the display-tray and is embraced by the downwardly-extending walls thereof. The storage or vending receptacle is thus entirely inclosed when in its closed position, as illustrated in Fig. 2. When in this position, the rear wall A'' of the display-tray retains the receptacle C within the casing. It is also impossible to adjust the display-tray without removing the cover B, so that the box is entirely secure.

When it is desired to use the box as a display or vending box, the tray is lifted and the storage-receptacle partially withdrawn, so that the wall A'' thereof rests on the top of the receptacle C, as it is illustrated in Fig. 1. The display-tray is thus retained in its tilted position, so that its contents are readily inspected. When thus arranged, the storage-box may be readily withdrawn, as is indicated by dotted lines in Fig. 1, without disturbing the display-tray. The projection *c* on the wall of the receptacle C serves as a suitable stop therefor.

From the foregoing description it is evident that our improved box is adapted for use as a shipping, storage, display, or vending box. It is very desirable as a display and vending box, as some of the goods may be effectively displayed and the bulk fully protected, but at the same time readily accessible.

Our improved box, though economical to produce, is strong, and it is entirely satisfactory for use as a shipping and storage box.

While the structure we have illustrated is particularly adapted for confections and the like, it is evident that it is capable of a great variety of uses.

We have illustrated and described our invention in detail in the form preferred by us. We are aware, however, that it is capable of considerable structural variation without departing from our invention.

Having thus described our invention, what

we claim as new, and desire to secure by Letters Patent, is—

1. In a box, the combination of an outer casing A open at one end; a display-tray *a* having downwardly-extending walls A' A'' arranged within said casing and hinged thereto; a receptacle C adapted to be inserted under said tray and embraced by the walls thereof; a stop *c* on said receptacle C; and a cover B, for the purpose specified.

2. In a box, the combination of an outer casing A open at one end; a display-tray *a* having downwardly-extending walls A' A'' arranged within said casing and hinged thereto; a receptacle C adapted to be inserted under said tray and embraced by the walls thereof; and a cover B, for the purpose specified.

3. In a box, the combination of an outer casing A open at one end; a display-tray *a* having downwardly-extending walls A' A'' arranged within said casing and hinged thereto; and a receptacle C adapted to be inserted under said tray and embraced by the walls thereof, for the purpose specified.

4. In a box, the combination of an outer casing open at one end; a display-tray having

downwardly-projecting walls arranged within said casing and hinged thereto; a receptacle adapted to be inserted in said casing under said tray and embraced by the walls thereof; and a suitable cover, for the purpose specified.

5. In a box, the combination of an outer casing open at one end; a display-tray having downwardly-projecting walls arranged within said casing and hinged thereto; a receptacle adapted to be inserted in said casing under said tray and embraced by the walls thereof, for the purpose specified.

6. In a box, the combination of an outer casing open at one end; a display-tray arranged within said casing and hinged thereto; and a storage-receptacle adapted to be inserted under said tray, for the purpose specified.

In witness whereof we have hereunto set our hands and seals in the presence of two witnesses.

WILLIAM E. TAYLOR. [L. S.]
DOW M. TAYLOR. [L. S.]

Witnesses:

BERNARD J. OWEN,
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