Jan. 15, 1935. C. S. ANDREWS 1,988,104

COMBINED SHIPPING AND DISPLAY CONTAINER

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Fig. 3

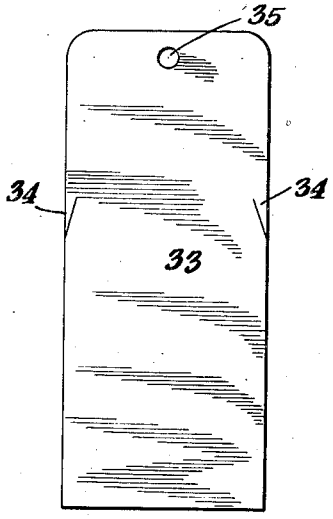


Fig. 1

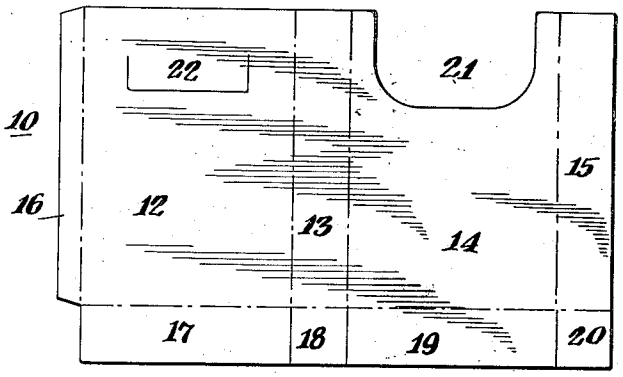


Fig. 2

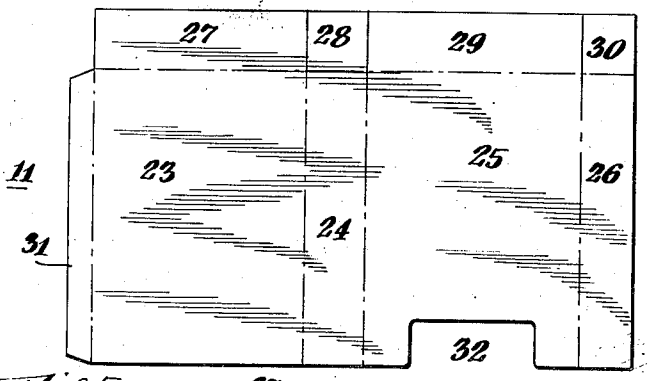


Fig. 4

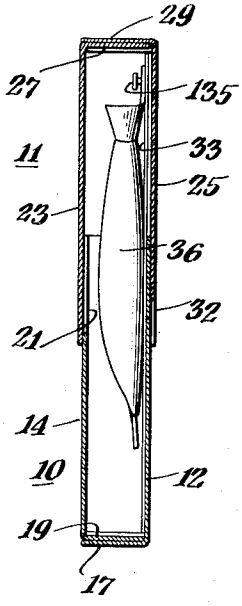


Fig. 5

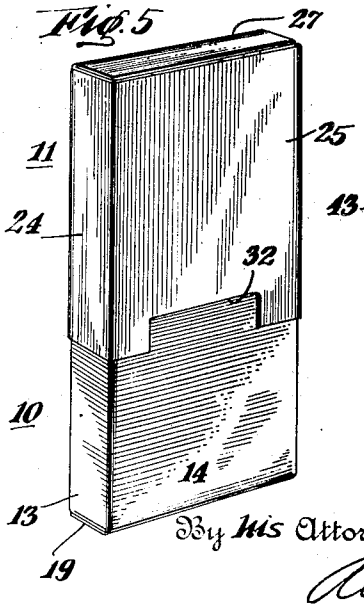
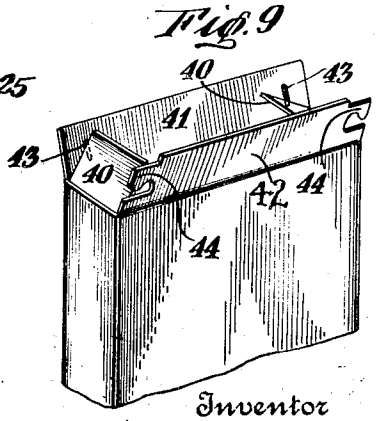


Fig. 9



Inventor

Champe S. Andrews

By his Attorney

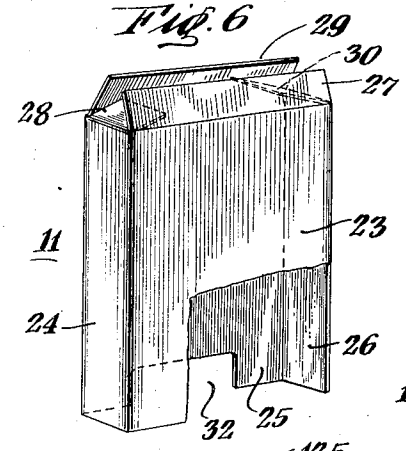
Albert M. Austin

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Fig. 6



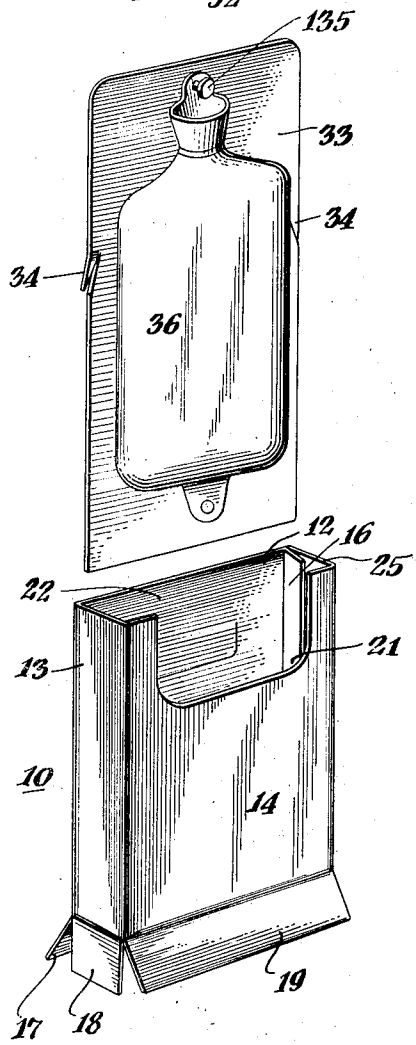


Fig. 7

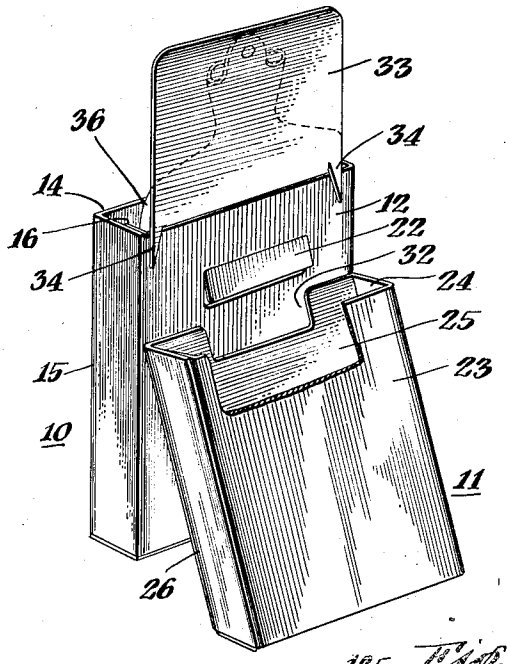
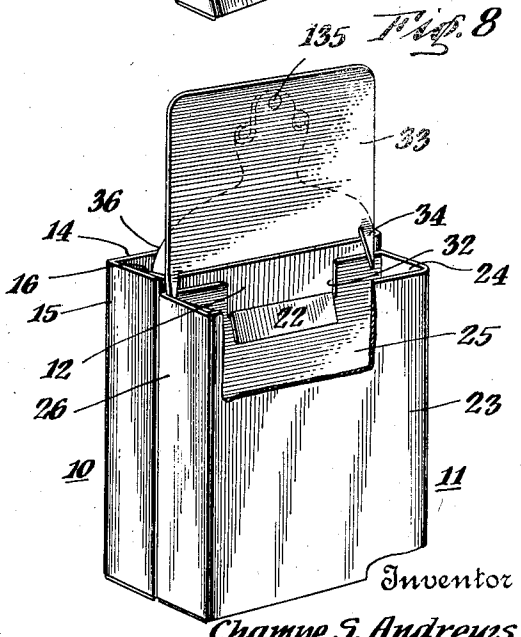


Fig. 8



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UNITED STATES PATENT OFFICE

1,988,104

COMBINED SHIPPING AND DISPLAY CONTAINER

Champe S. Andrews, North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y., a corporation of Delaware

Application June 23, 1931, Serial No. 546,258

3 Claims. (Cl. 206—44)

This invention relates to boxes or containers of paper board and like material which can be assembled by machine operation.

The invention consists broadly in providing a box, container or receptacle which is provided with means whereby the merchandise may be displayed by partly removing from the container without removing it entirely therefrom.

The invention further consists in providing a container having display means that is so constructed that the container itself may be used as a stand or support upon a counter or show case, thereby further elevating the merchandise for display purposes. The supporting member to which the merchandise is directly attached is preferably separate from the walls of the container and may be adjusted with respect thereto or removed entirely with the merchandise.

The invention also consists in certain new and original features of construction and combinations of parts hereinafter set forth and claimed.

Although the novel features which are believed to be characteristic of this invention will be particularly pointed out in the claims appended hereto, the invention itself, as to its objects and advantages, and the manner in which it may be carried out, may be better understood by referring to the following description taken in connection with the accompanying drawings forming a part thereof, in which

Figs. 1 and 2 represent the blanks for the box parts, the solid lines representing cuts and the dot-and-dash lines representing scores;

Fig. 3 represents the supporting plate;

Fig. 4 is a section through the container with the contents enclosed therein;

Fig. 5 is a perspective of the container closed;

Fig. 6 is an exploded view illustrating how the separate boxes are assembled together and how separate parts of the container are assembled;

Figs. 7 and 8 illustrate how the container is set up for display purposes; and

Fig. 9 illustrates a modified way of assembling the boxes.

In the following description and in the claims, various details will be identified by specific names for convenience, but they are intended to be as generic in their application as the art will permit.

Like reference characters denote like parts in the several figures of the drawings.

In the drawings accompanying and forming part of this specification, certain specific disclosure of the invention is made for purposes of explanation, but it will be understood that the details may be modified in various respects without departure from the broad aspect of the invention.

Referring now to the drawings, the inner or lower section denoted by 10 is made from a single blank of paper board or the like and comprises side walls 12, 13, 14 and 15 connecting flap 16, bottom walls 17 and 19 and bottom flaps 18 and 20. The wall 14 has a large recess 21 therein for a purpose hereinafter described and the wall 12 is cut to form a tongue 22 for a purpose hereinafter described.

The outer or upper section of the container is denoted by 11 and comprises a similar piece of paper board or like material having side walls 23, 24, 25 and 26, connecting flaps 31, top walls 27 and 29 and top flaps 28 and 30. The wall 25 is provided with a recess 32 for a purpose hereinafter described.

Referring to Fig. 3, the supporting plate is denoted by 33 and is cut to provide tongues 34 and an opening 35.

Each box or container section 10 and 11 is first assembled in a manner indicated in Fig. 6. With respect to upper section 11, the connecting flap 31 is suitably secured as by adhesive to the side wall 26 and the top flaps 28 and 30 are turned in and the bottom walls 27 and 29 are turned over them and these parts are suitably adhesively secured together to set up the box.

With respect to the lower or inner box 10, the connecting flap 16 is secured to the side wall 26 and the bottom flaps 18 and 20 are turned in and the bottom walls 17 and 19 are turned in underneath them in a manner similar to the corresponding parts in the outer or upper box. The parts 17, 18, 19 and 20 are then suitably glued together.

To pack the goods, which is illustrated, for example, as a rubber hot water bottle 36, the hot water bottle is first secured to the hole 35 by a suitable fastener such as 135. The plate 33 with the goods 36 mounted thereon is placed within the lower box 10 and the upper box 11 is telescoped thereover, as indicated in Figs. 4 and 5.

To set up the container for display purposes the outer section 11 is placed against the inner section 10 with the tongue 22, which is first bent outwardly, disposed in the bottom of the recess 32. The plate 33 with the merchandise 36 thereon is raised and the tongues 34 are disposed over the edges of the walls of the boxes 10 and 11, as indicated in Fig. 8. This provides a very simple

and convenient manner of displaying the merchandise without the necessity of providing any extra displaying apparatus. It is merely necessary to unpack the goods and use the very same container in which the goods were shipped as a display rack without any added expense.

If desired, the gluing of the ends of the boxes 10 and 11 may be dispensed with and the ends held assembled by a tongue and slot arrangement such as shown in Fig. 9. In this figure the end flaps are denoted by 40 and the bottom walls are indicated by 41 and 42. The flaps 40 are folded in first and the wall 41 is next folded in. Then wall 42 is folded in on the top of wall 41 with the tongues 44 disposed within the slots 43.

By means of this construction, a box has been provided that can be machine assembled at the plant of the manufacturer or can be assembled at the place of use and which is of sufficient strength and rigidity to withstand breakage during shipment with the merchandise therein. It is especially adapted for goods of a flexible character that require a base or backing for proper display and for delivery to a customer, such, for example, as hot water bottles as well as for articles of a fragile nature.

While certain novel features of the invention have been disclosed and are pointed out in the annexed claims, it will be understood that various omissions, substitutions and changes may be made by those skilled in the art without departing from the spirit of the invention.

What is claimed is:

1. In a combined shipping container and display device, comprising a lower box and an upper box adapted to be telescoped together, a display plate within said lower box adapted to support an article of merchandise, said lower box having a recess in one of its upper edges and a tongue struck out from the wall opposite said recess, said upper box having a recess in one of its lower edges adapted to engage said tongue to support said lower box when the boxes are placed side by side for display purposes, said plate having tongues along the side edges thereof adapted to engage over the edge of said lower box to support said merchandise in raised and exposed position.

2. A shipping and display container having a box section, a telescoping cover section, and a removable merchandise plate adapted to be enclosed by said box and cover sections, said lower box section having a cutout front wall permitting the merchandise suspended from said plate to be viewed from the front thereof, said plate having a tongue cut from each side edge thereof adapted to engage over the edge of said lower box to support said merchandise in raised and exposed position when the cover section is removed, and means for operably connecting said box and cover sections so that the sections mutually support one another in upright display position.

3. A shipping and display container comprising in combination, upper and lower telescoping box sections adapted to contain merchandise, said lower box section having a cut out front wall permitting the mechandise therein contained to be viewed from the front thereof when the upper box section has been removed, said lower box section having a tongue portion struck out from the rear wall thereof, said tongue portion being adapted to engage said upper box section so that said sections will mutually support one another in upright display position when both sections are vertically arranged side by side and individually resting upon a common supporting surface.

CHAMPE S. ANDREWS.