

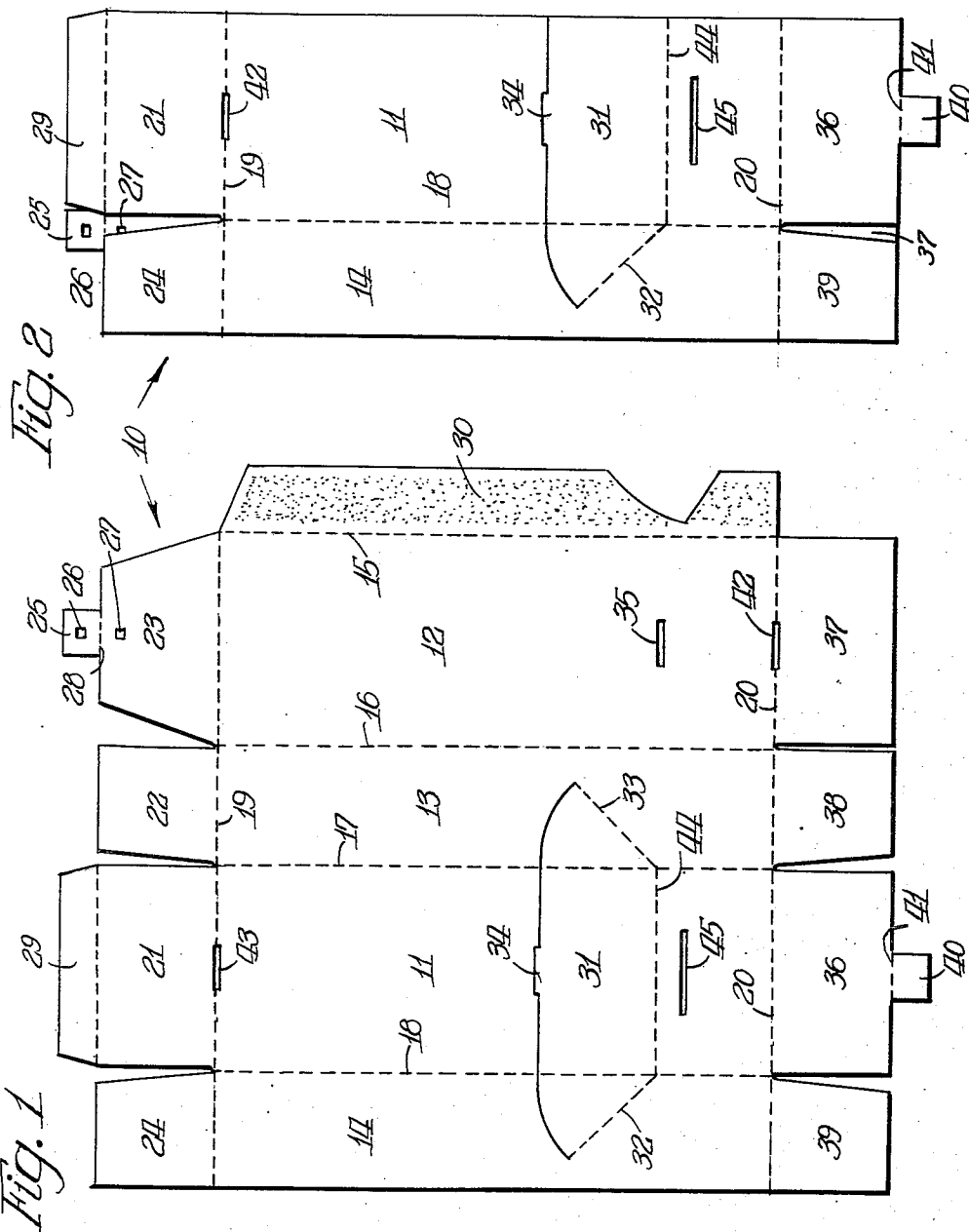
April 29, 1952

E. A. PARDEE
CONTAINER

2,595,202

Filed Oct. 23, 1946

3 Sheets-Sheet 1



INVENTOR.
Edward A. Pardee
BY
Cromwell, Greist & Warden
Attys.

April 29, 1952

E. A. PARDEE
CONTAINER

2,595,202

Filed Oct. 23, 1946

3 Sheets-Sheet 2

Fig. 7

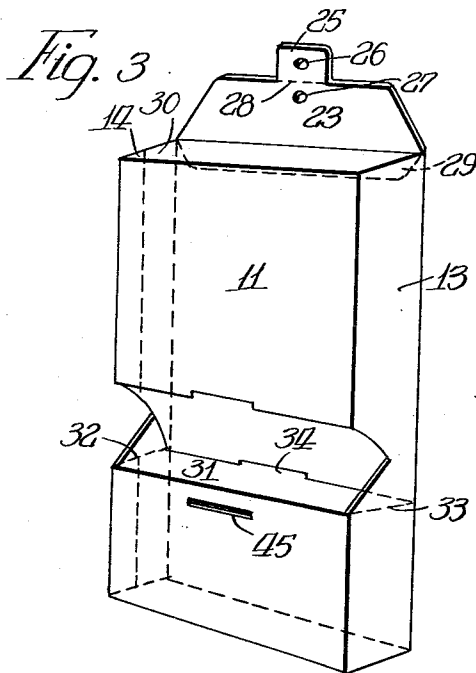
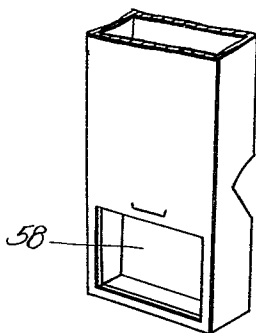


Fig. 6

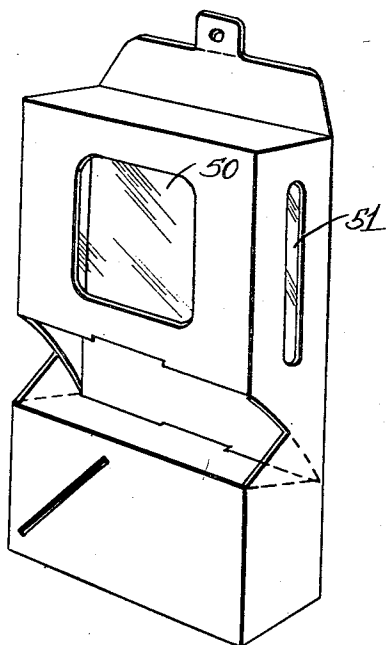
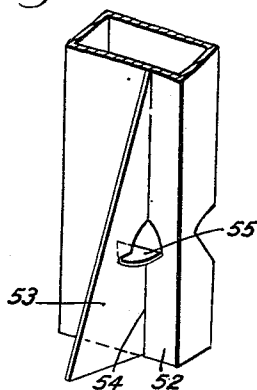


Fig. 8



INVENTOR.
Edward A. Pardee
BY
Cromwell, Grist & Warden
Attors.

April 29, 1952

E. A. PARDEE
CONTAINER

2,595,202

Filed Oct. 23, 1946

3 Sheets-Sheet 3

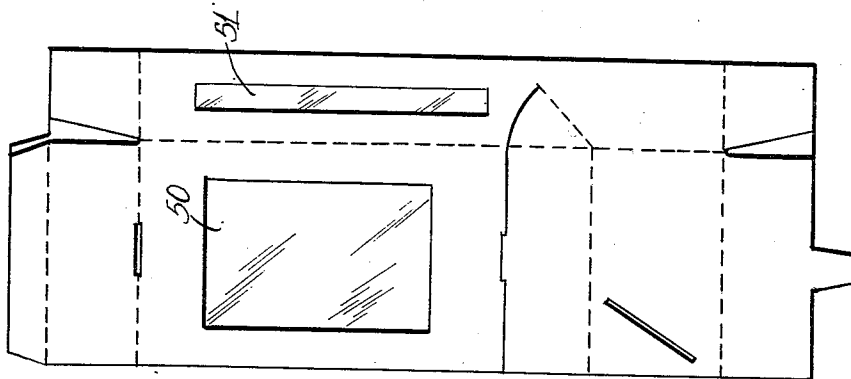
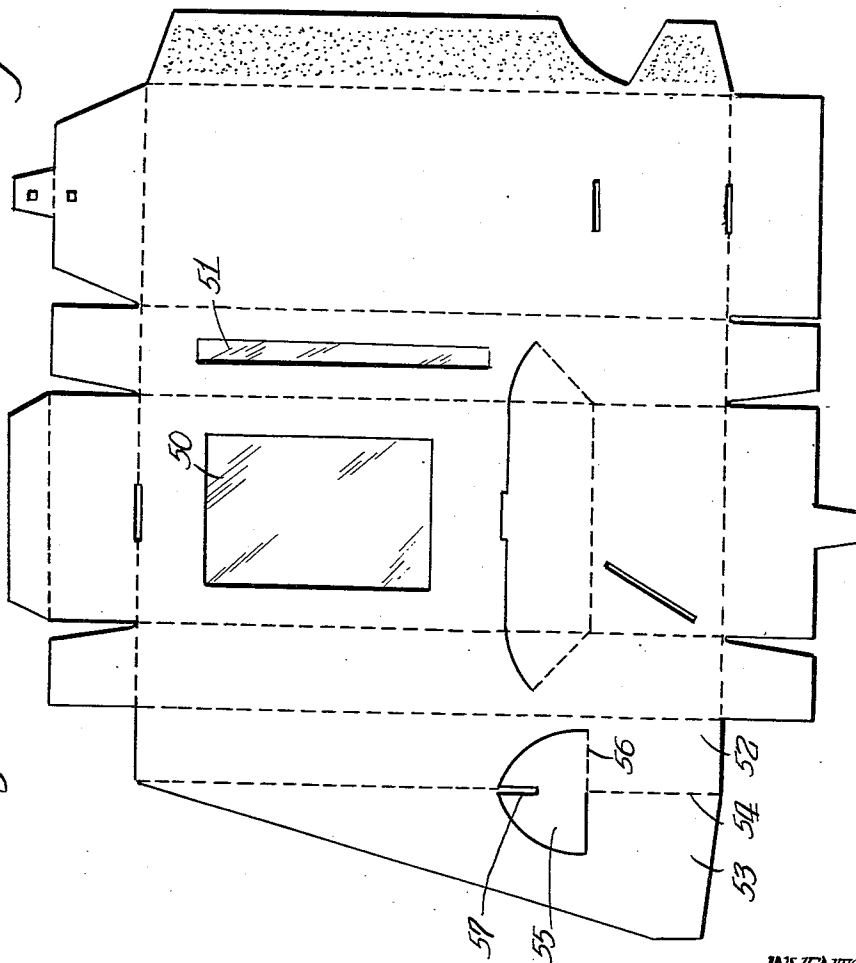


Fig. 5

Fig. 4



INVENTOR.
Edward A. Pardee
BY

Cromwell, Greist & Warden
Attys.

UNITED STATES PATENT OFFICE

2,595,202

CONTAINER

Edward A. Pardee, Mount Vernon, Ohio, assignor
to Shellmar Products Corporation, Chicago, Ill.,
a corporation of Delaware

Application October 23, 1946, Serial No. 705,063

1 Claim. (Cl. 229—17)

1

This invention relates to improvements in cartons, having particular reference to a novel type of folding set-up combination which is a shipping, display and dispenser carton, and the provision of such an article is a principal object of the invention.

More specifically, it is an object of the invention to provide such a carton as above described in which there is a panel section cut in the front wall and integrally hinged thereto, the panel being foldable toward the rear wall and adapted to engage the same when the carton is erected to divide the carton into an article storing compartment having a dispensing opening for articles and an apertured receiving compartment for articles in the bottom of the carton.

Another object of the invention is the provision of a carton of the type described with a hingeable easel panel connected to one of the side walls and secured to a rear wall, and having an easel lock to hold the panel rearwardly extended in order to maintain the carton in upright display position.

It is also an object of the invention to provide a carton of the type above set forth in which there are apertured means connected to one of the top closure extensions for holding the container in suspended display position.

Other objects of the invention will in part be obvious and will in part appear hereinafter.

The invention accordingly comprises an article of manufacture possessing the features, properties, and the relation of elements which will be exemplified in the article hereinafter described and the scope of the application of which will be indicated in the claim.

For a fuller understanding of the nature and objects of the invention reference should be had to the following detailed description taken in connection with the accompanying drawings, in which:

Fig. 1 is a plan view of a die-cut and crease lined, or scored, blank for producing a carton embodied by the present invention;

Fig. 2 is a plan view of the blank shown in Fig. 1 folded upon itself and glued together to provide a collapsed shipping carton ready to be set up;

Fig. 3 is a perspective view of the collapsed carton shown in Figs. 1 and 2 set up in display and dispensing position;

Fig. 4 is a plan view of a blank similar to that illustrated in Fig. 1 depicting certain modifications embodied by the invention;

Fig. 5 is a plan view of the blank shown in

2

Fig. 4 folded upon itself and glued to provide a collapsed shipping carton ready to be set up;

Fig. 6 is a perspective view of the collapsed carton shown in Figs. 4 and 5 set up in display and dispensing position;

Fig. 7 is a perspective rear view of a fragmentary portion of the carton illustrated in Fig. 6; and

Fig. 8 is a perspective view of a fragmentary portion of a modified form of carton also viewed from the rear which can be adapted to cartons such as those above described and preferably the one shown in Figs. 1 through 3.

Referring more particularly to the drawings, there is shown generally at 10 a blank of suitable board material for providing a carton as shown in Figs. 2 and 3. This blank has been die-cut and scored to provide a front wall 11, a rear wall 12 and side walls 13 and 14. These walls are defined by crease or score lines 15, 16, 17, 18, 19 and 20.

The blank is also provided with top and bottom closure members. The top closure members constitute extensions 21, 22, 23 and 24 projecting from the front, rear and side walls 11, 12, 13 and 14 respectively, and are defined in part by the score line 19. The closure extension 23 has an extending or hang-up tab 25 which is provided with an opening 26. The extension 23 is also provided with an opening 27. The bottom of the hang-up tab is defined by a crease line 28. The hang-up tab can be used for suspending the carton in the open position indicated, or it can be folded along the crease line 28 so that the opening 26 coincides with the opening 27 to provide a reinforced hang-up arrangement.

The closure extension member 21 also is provided with an additional extension 29 which provides a tuck-in flap to hold down flaps 22 and 24 when the carton is suspended for display purposes as will more fully appear hereinafter.

Extending from the rear panel, and defined by the crease line 15, is a glue flap 30 adapted to be secured to the panel 14 when the carton is folded upon itself along, for example, crease line 17 to secure the carton in collapsed condition for shipping.

A panel section 31 is cut in the front wall 11 and extends into the side walls 13 and 14, the ends thereof being defined by crease lines 32 and 33. The panel 31 is transversely creased by the crease lines 17 and 18. This panel is adapted to be folded toward the rear wall 12 when the carton is erected for filling and subsequent dis-

play purposes. Projecting from the panel 31 is a tab 34. This tab is adapted to engage an opening 35 in the rear wall 12 in order to provide an additional supporting feature for the panel 31.

Projecting from the bottom of the front, rear and side walls 11, 12, 13 and 14 respectively are bottom closure extensions 36, 37, 38 and 39. These panels are defined in part by the crease line 20 which also defines the bottoms of the walls of the front, rear and side walls.

A tuck-in flap 40 is secured to panel 36. The top of this flap is defined by a crease line 41 and is adapted to be engaged by an opening 42 along the crease line 20 between the rear wall 12 and panel extension closure member 37.

After any suitable type of adhesive has been applied to the flap 30, the unglued portion of the latter is folded against the back of the rear panel 12 and the side wall 14 is secured to the glued portion by folding the same along the crease line 17. This is more fully illustrated in Fig. 2. It is in this collapsed condition that the carton is shipped to the packer. When ready for use, it is but necessary to square the collapsed carton by pushing on diagonally opposite edges, close the bottom flaps 36, 37, 38 and 39, and insert the tuck-in flap 40 into the opening 42. The carton can then be filled with any suitable commodity and the top closure portion closed by inwardly folding the side wall closure extensions 22 and 24 toward each other, folding the extension 21 upon the extensions 22 and 24, with the tuck-in flap 29 being inserted behind the closure members 22 and 24 and against the rear wall 12. The rear wall closure extension 23 is then folded downwardly with the extension member 25 entering an opening 43 lying along the crease line 19 between the front wall 11 and extension member 21. In this condition the carton may be shipped to the retailer fully packed and in such a manner that the contents are protected.

When the retailer receives the carton packaged in this manner it is only necessary to empty and re-pack the carton for display and dispensing purposes. This can be done, for example, by opening the top closure members and removing the contents. Then the panel 31 is pushed inwardly around the crease line 44, the crease lines 32 and 33 also acting as hinge lines until the panel assumes a position which is angularly disposed with respect to the front and rear panels 11 and 12, thereby providing a platform for the reception of returned commodities to the box for display purposes. It will be noted that the projection 34 has been received by the opening 35.

When the carton has thus been erected it is divided into an article storing compartment having a dispensing opening and a receiving compartment for articles in the bottom of the carton. The contents of the carton when returned into the top opening will come to rest on the panel 31 so that the lowermost articles of the stack are readily available for display and dispensing.

In this condition the carton may be hung upon a projection on a wall, utilizing the hang-up tab 25 for the purpose. As heretofore described, this tab may be folded upon the closure member 23 so that the openings 26 and 27 come into registry thereby providing a reinforced hang-up member.

The bottom portion of the carton now forms a compartment for the reception chamber. As will be seen from the drawings, this compartment is formed pursuant to the inward folding of the panel 31. The front wall below the line of fold,

or crease line 44, is provided with a slot or aperture 45 and can be utilized as a coin-receiving opening when such a carton with its display contents is hung in a convenient place where the articles are put up for sale. However, where such articles as razor blades are used in the home, or elsewhere, the opening 45 can be used to receive used blades.

Figs. 4, 5 and 6 illustrate a similar type of carton with additional features. These features only will be referred to since the carton otherwise is the same as that depicted in Figs. 1, 2 and 3.

In order more readily to display the contents of the carton, and in particular, for indicating the amount thereof left in the storing compartment, the front wall may be provided with an opening in window 50. Preferably, the opening is covered with a transparent material such as cellophane or the like. Instead of having the opening 50 cut in the front wall, a long narrow opening, or window, 51 may be provided in lieu thereof, or additionally provided, in the side wall 13 of the carton. This opening also preferably is closed by means of a transparent material such as cellophane.

An important feature and advantage of the present form of carton is that, while it can be provided with a hang-up tab arrangement as above described, it is at times desirable to place such a display carton in upright standing position on a shelf or counter. To this end there can be provided an easel arrangement preferably constituting an easel panel 52 integral with one of the side walls and secured to the rear wall by means of a suitable form of adhesive. Projecting from the panel 52 is an easel panel 53 which can be folded angularly to the panel 52 along a crease or hinge line 54. In order to maintain the easel panel in this position there preferably is supplied an easel lock 55 which may be cut into both the hinged easel panel portion 53 and the easel panel 52. However, it preferably is secured in hinged position along a line indicated at 56 in the easel panel 52. The easel lock is also provided with a slot 57 to hold the hinged easel panel section 53 in outwardly disposed position as will more fully appear hereinafter.

The blank shown in Fig. 4 is similarly folded and glued as is the blank shown in Fig. 1 to provide a collapsed carton for shipping purposes. In this instance, the easel panel 52 is likewise secured in any suitable manner, such as by gluing, or the like, to the rear wall of the carton with the hinged easel panel portion 53 together with the easel lock 55 lying adjacent the rear wall.

After the carton has been shipped to the retailer it is similarly filled as the carton heretofore described but here there is now a choice with respect to the location of the carton for display purposes. If it is not convenient or desirable to use the lock tab arrangement the easel structure is utilized. This is readily done by turning the hinged easel panel 53 outwardly and substantially at right angles to the rear wall of the carton, swinging the easel lock 55 downwardly around its hinge line 56 in such a manner that the slotted portion 57 thereof straddles the adjacent portion of the hinged easel section 53 so that the latter is firmly maintained in this position.

As a further modification, the back of the carton wall can have a section removed therefrom so as to provide an opening for storage space as indicated generally at 58 (Fig. 7).

The foregoing carton has many advantages, features and uses. It provides an excellent dis-

penser carton for merchandising articles singly or in units with self-service features. It provides a coin box or disposal section provided by slots in the front wall. When originally set up and filled it is used as a closed shipping container for its assigned merchandise and subsequently used as a display container.

The foregoing types of containers are particularly adaptable for such packaged articles as cocoa, coffee, bouillon and sugar cubes; confections such as candy bars, gum, mints, etc.; medical units such as aspirin, capsules, lozenges, cough drops, etc. Lotion units including razor blades, styptic pencils, tooth paste tubes, Vaseline tubes, etc. and utility units such as electric cartridge fuses, boxed tacks, or any other articles boxed in units or adaptable to such application may be shipped, displayed and sold in such containers.

Since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claims are intended to cover all of the generic and specific features of the invention herein described, and all statements of the scope of the invention which, as a matter of language, might be said to fall therebetween.

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

In a shipping and dispensing container formed

from a blank of cut paperboard material having crease lines defining panels secured together to provide when erected collapsible upright front, back and side walls and top and bottom wall members hinged thereto, the improvement comprising a partition forming section cut from an intermediate portion of the front and side walls and folded toward the back wall when the container is erected, said partition being hingedly connected to the front wall along a hinge line extending transversely thereof and to the side walls along hinge lines extending diagonally thereof and dividing the container into upper and lower article receiving compartments, the upper compartment including a downwardly facing dispensing opening defined by said cut section and the lower compartment being closed at the bottom and having an aperture in an upright wall thereof to receive the articles.

EDWARD A. PARDEE.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,682,463	Anderson	Aug. 28, 1928
1,896,721	Richards	Feb. 7, 1933
2,058,648	Wellman	Oct. 27, 1936
2,071,978	Hines	Feb. 23, 1937
2,146,421	Davidson	Feb. 7, 1939
2,321,473	Ferguson	June 8, 1943
2,483,533	Dubiner	Oct. 4, 1949