Feb. 3, 1931. C. E. ALBERT 1,791,094

DISPLAY CARTON

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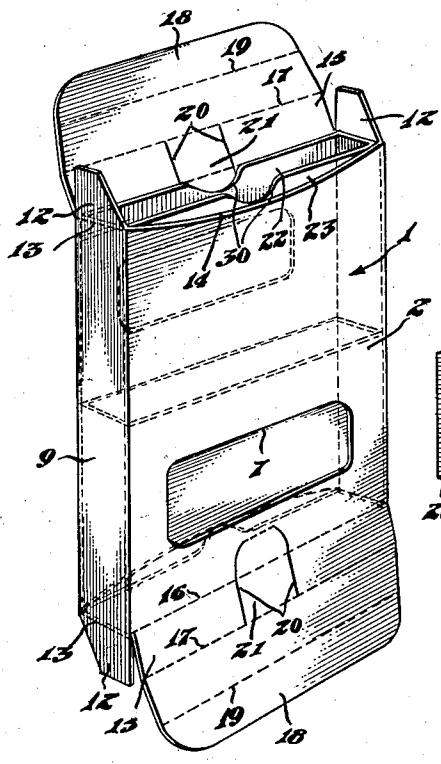


Fig. 1

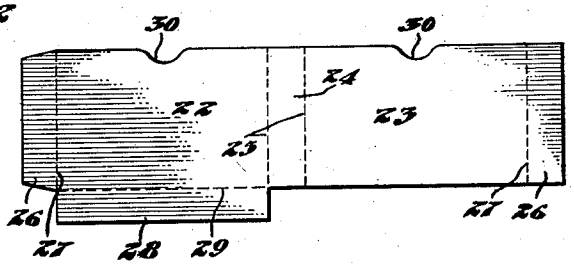


Fig. 2

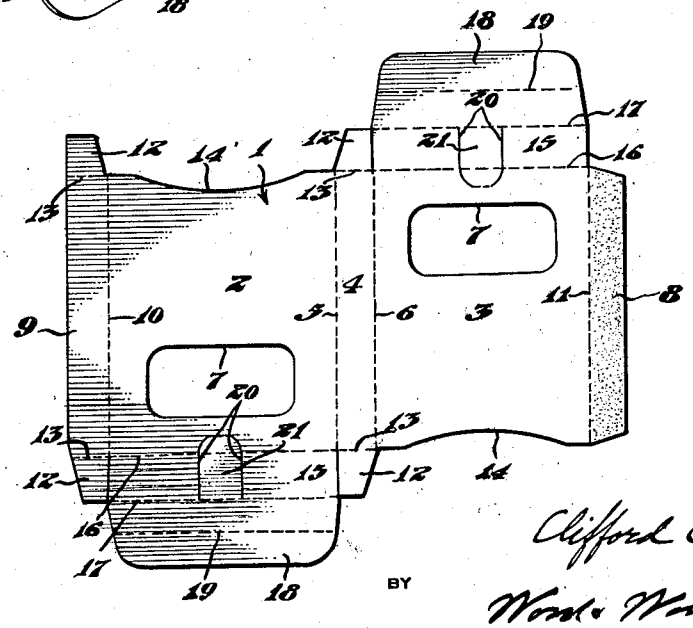


Fig. 3

INVENTOR

Clifford E. Albert

BY

Wood, Wood

ATTORNEYS

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# UNITED STATES PATENT OFFICE

CLIFFORD E. ALBERT, OF CINCINNATI, OHIO, ASSIGNOR TO THE UNITED STATES PLAYING CARD COMPANY, OF NORWOOD, OHIO, A CORPORATION OF OHIO

## DISPLAY CARTON

Application filed February 20, 1929. Serial No. 341,429.

This invention relates to improvements in cartons providing duplex compartments relatively accessible from opposite ends of the carton, and to the provision of a pocket space or slip for the insertion of a card in exhibition or display through an opening in a face wall of the carton. For the duplex character of the carton, a card display is provided for each compartment relatively at opposite sides and toward opposite ends of the carton.

An object of the invention is to provide a carton with one or more liners forming a double wall structure subdividing the carton into duplex compartments accessible from relatively opposite ends of the carton, the double wall structure forming a pocket or slip space for the reception of the card exhibited or displayed through an opening in an outer wall of the carton, and a space for insertion of the tucking tab of a carton end closure flap.

Further objects and features of the invention relate to structural details of the carton and to a carton primarily adapted for packing duplex sets of playing cards, more fully set forth in the description of the accompanying drawings, in which:

Figure 1 is a perspective view of the carton with the end tucking or closure flaps open.

Figure 2 is a plan view of one of the liners adapted to be folded into position for insertion into an end of the carton, a pair of liners being employed providing duplex compartments for the carton.

Figure 3 is a plan view of the carton blank.

The carton illustrated is primarily contemplated for packing duplex decks of playing cards and, therefore, contains a pair of compartment and display pockets, the pockets each holding a card for exhibiting the back design of the cards of the decks. The description, therefore, will be confined to the construction of a carton for packing duplex decks of playing cards, although it is recognized that its utility can be extended for packing other products or commodities.

Referring to the drawings, 1 indicates the carton blank preferably of a cardboard stock cut to particular outline and scored to provide opposite face walls 2, 3, joined by an intermediate wall 4 defined by longitudinal parallel score lines 5, 6, the wall 4 forming a side wall. Each face wall has a cut-out portion 7 as a window display opening, the openings for the two walls arranged relatively toward opposite ends of the walls to accommodate for the duplex compartment arrangement of the carton, the compartments being accessible from relative opposite ends of the carton.

Side wall flaps 8, 9, respectively extend from the opposite ends of the face walls 2, 3, foldable along the score lines 10, 11. The flap walls in setting up the carton overlap one another, and are adhesively secured together, making a second end wall opposite the end wall 4. The end wall 4 as the intermediate portion of the blank and the end wall flap 9, each, at their opposite ends and continuous therewith, are provided with tucking flaps 12, each foldable along a score line 13.

Each face wall at one end has an inwardly curved edge 14 offsetting the packed merchandise from the end of the wall for fingering access. The opposite ends of each of the four walls are extended and formed to provide a closure flap 15 foldable along parallel cross score lines 16, 17, and a foldable tucking flap 18.

The tucking flap 18 is foldable or bendable along a score line 19 centrally of the flap across its width, adapting the flap to be readily bent or bowed, facilitating its insertion into the carton, necessitated on account of the increased dimension of the tucking flap over the corresponding measurement of the closure flap.

The closure flap 18 and an adjacent portion of the face wall is slitted crosswise by a pair of companion slits 20—20 providing an intermediate portion of fingering space 21 centrally of the end of the carton, depressible from the major portion of the flap and side wall to obtain a finger hold about said intermediate portion and tucking flap, adapting said portions to be compressed together along the score line 17, thereby making it more convenient to withdraw the tucking flap in open-

ing the carton, the upper portion of the tucking flap being accessible about the fingering space 21 due to the offset or inwardly curved edge of the face wall behind which the tucking flap is engaged.

The carton is sub-divided into two compartments by a pair of box-formed liners of duplicate construction, each having an open end arranged within the carton, adapting the compartments to be relatively accessible from opposite ends of the carton. Each liner is formed from a blank preferably cut to the pattern outline shown in Figure 3, comprising side walls 22, 23, joined by an intermediate end wall 24 defined by parallel scored lines 25—25.

Each side wall at its free end is provided with an end wall flap 26, each bendable along a scored line 27, and the side wall 22 is provided with a base flap 28 foldable along a scored line 29. The end flaps, when the liner is set up, may be adhesively secured together, although not essential, and in fact one of the flaps could be omitted.

The upper edge of each side wall centrally thereof is notched as at 30 for fingering access to the product packed within the liner or carton. The measurement of the liners is such that in their set-up position they will closely fit into the carton, so that they will retain their set-up position, avoiding the use of extra pasting flaps for securing the meeting ends of the liners together, which would only increase the ply thickness of the liner at meeting portions and thereby destroy a uniform fitting of the liner into the carton, and would also tend to bulge out certain portions of the walls of the carton which would be detractive to the carton appearance.

The liners, aside from sub-dividing the carton, provide for a double wall structure and thereby form a slip space between the walls of the carton and liners utilized in the present instance for holding display cards and also as a receiving space for the tucking flaps of the end closures.

In the present arrangement, for the duplex compartment form of carton, a card exhibition space or pocket is provided at relatively opposite sides and ends of the carton, thus, a display space for each compartment and for the compartments relatively at opposite sides of the carton, and preferably at a side or end of the side wall from which the closure flap extends. The inserted card is exhibited through the window opening 7. This permits a display of the back design of the cards packed in the respective compartments, or the card display for other service as may be desired.

The upper edge of the wall of the liner adjacent what may be termed "the rear wall of the compartment space" projects above the curved edge of the carton wall, offsetting the two adjacent walls, adding convenience in inserting the tucking flap into the slip space between the walls. With the display space at the opposite side, the closure flap confines the display card against withdrawal when the end of the carton is closed.

Having described my invention, I claim:

1. In a carton, an outer casing having end closure flaps at its opposite ends, liners for said casing of box form sub-dividing the casing into duplex compartments accessible from relatively opposite ends of the casing, the liners with the outer casing forming a double-wall carton structure and a slip space between the walls for holding a card exhibited through an opening in the outer casing.

2. In a carton, an outer casing having closure flaps at its opposite ends, the closure flap at one end extending from a relatively opposite side wall of the casing from the closure flap at the opposite end, liners of box form for said casing subdividing the casing into duplex compartments accessible from relatively opposite ends of the casing, the liners with the casing forming a double wall structure providing a slip space for each compartment, for holding a card exhibited through a window opening in a wall of the casing, the window openings for the duplex compartments arranged at relatively opposite sides of the casing and each opening located toward an end of the wall from which a closure flap extends.

In witness whereof, I hereunto subscribe my name.

CLIFFORD E. ALBERT.