

United States Patent

[11] 3,543,997

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 [21] Appl. No. **723,794**
 [22] Filed **April 24, 1968**
 [45] Patented **Dec. 1, 1970**
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[54] **RECLOSABLE HOODED CARTON**
1 Claim, 5 Drawing Figs.

[52] U.S. Cl..... 229/51,
 229/44
 [51] Int. Cl..... B65d 5/54
 [50] Field of Search..... 229/37,
 44(CB), 51(RC), 51(WB)

ABSTRACT: A reclosable carton comprising a body and a cover including a top panel hinged to the body and having front and side panels depending therefrom and interconnected to form a hood telescopically receiving upper marginal areas of the body

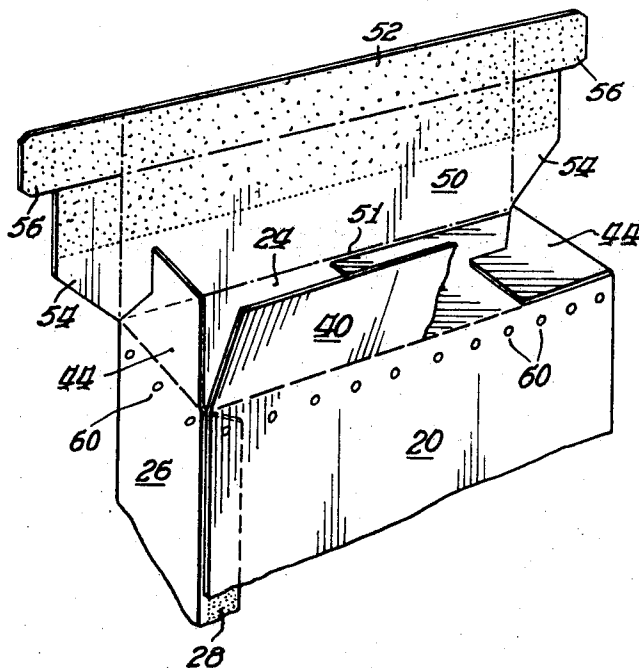


Fig. 1

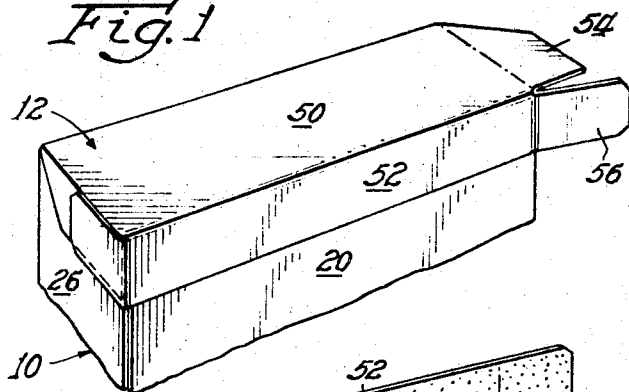


Fig. 5

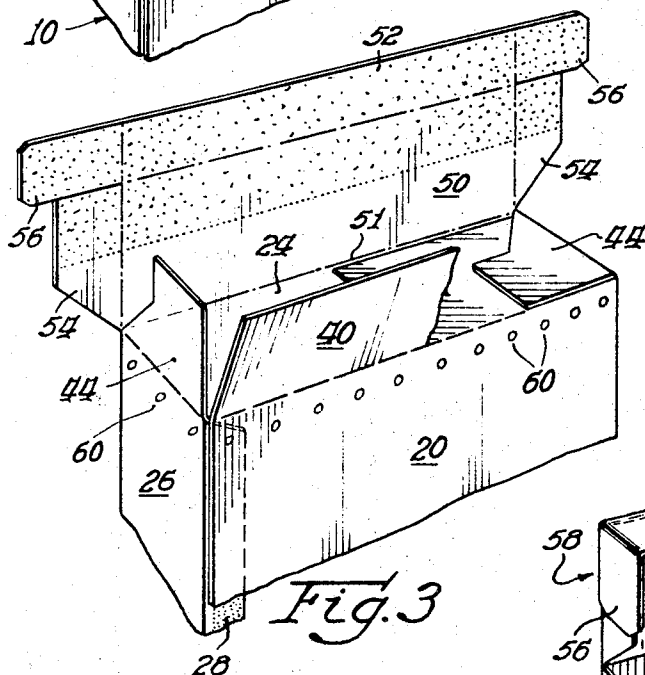
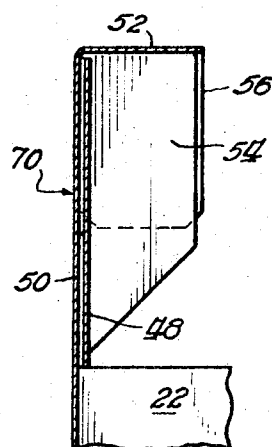


Fig. 3

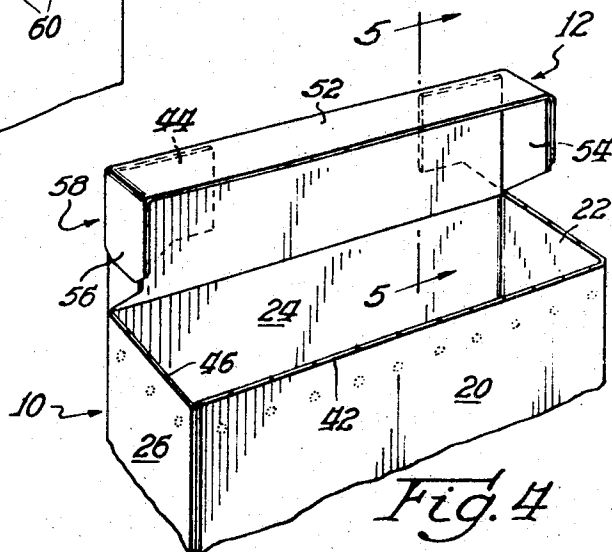
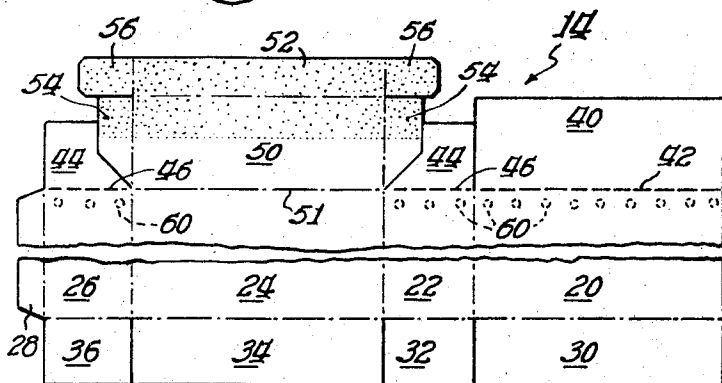


Fig. 4

Fig. 2



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RECLOSABLE HOODED CARTON

This invention relates to cartons and more particularly to a so-called flip-top or hooded style of carton which may be formed from a unitary blank of foldable paperboard.

It is an object of this invention to provide a carton of the type described which provides a greater degree of sealing ability and carton rigidly in the area of the reclosable hood and yet utilizes a blank having a minimum area of paperboard, so as to form an economy package.

A more specific object of the invention is a provision of a reclosable, hooded, paperboard carton having a body with detachable top closure flaps hinged to the upper edges thereof and a cover including a top panel hinged to an upper edge of the body and adhesively secured to the body top closure flaps and having depending therefrom front and side panels joined to each other to form a hood for telescopically receiving upper marginal areas of the body.

These and other objects of the invention will be apparent from an examination of the following description and drawing, wherein:

FIG. 1 is a perspective view of the upper portion of a carton embodying features of the invention, as shown in a partially erected condition;

FIG. 2 is a plan view of the blank from the carton of FIG. 1 may be formed;

FIG. 3 is a perspective view similar to FIG. 1, but showing the carton in a partially erected condition before the cover hood has been formed completely;

FIG. 4 is a perspective view similar to FIG. 1 but showing the carton after it has been fully erected, sealed, and reopened; and

FIG. 5 is a vertical section taken on line 5-5 of FIG. 4.

It will be understood that, for purposes of clarity, certain elements have been intentionally omitted from certain views where they are believed to be illustrated to better advantage in other views.

Referring now to the drawing for a better understanding of the invention, it will be seen that the carton illustrated in FIGS. 1 and 3 through 5 of the drawing includes integral body and cover portions 10 and 12, respectively, which may be formed from a unitary blank of foldable paperboard, indicated generally at 14, which is illustrated in FIG. 2 of the drawing.

Referring now to FIG. 2, it will be seen that the blank 14 from which the carton is formed is suitably cut and scored to provide a front wall panel 20, a first sidewall panel 22, a rear wall panel 24, a second sidewall panel 26, and a glue strip 28, which are serially joined and interconnected at the ends of the blank by glue strip 28 to form a tubular structure.

Hingedly attached to the lower edges of front wall panel 20, first sidewall panel 22, rear wall panel 24, and second sidewall panel 26 are bottom closure flaps 30, 32, 34, and 36, respectively, may be overlapped and adhesively secured to each other to provide a bottom wall for the body portion of the carton.

At the upper end of the carton body portion, front and sidewall top closure flaps 40 and 44 are detachably connected to upper edges of the front and sidewalls along weakened lines of tear 42 and 46, respectively. When the carton is closed top closure flaps 40 and 44 are adhesively secured to each other to form a common top wall inner panel 48.

Hingedly attached to the upper edge of body portion rear wall 24 along a hinge line 51 is a top wall outer panel 50 which has hingedly attached to and depending from its front and side edges a front panel 52 and side panel 54, respectively which may be interconnected by means of a pair of corner flaps 56 hinged to opposite side edges of front panel 52 and overlying and secured to side panels 54 to provide a hood 58 adopted to telescopically receive upper marginal areas of the front and

sidewalls of the body portion when the cover portion is in a closed condition.

The front and side panels of hood 58 may be releasably adhesively secured to upper marginal portions of the body front and side walls by a series of glue tacks 60, so the carton can be opened by inserting a finger under the hood and forcing it upward.

Also, in closing and sealing the carton top wall inner panel 48 is adhesively secured to top wall outer panel 50 to form a composite top wall 70. As the top wall closure flaps 40 and 44 which form the top wall inner panel 48 are detachably secured to upper edges of the body portion front and sidewalls, they will separate therefrom when the carton hood is opened, so that, after initial opening of the carton, top wall inner panel 48 becomes an integral part of the composite top wall 70 of the cover.

Thus it will be seen that by the novel arrangement there is provided a carton structure wherein the hooded area is afforded a greater degree of sealing protection and rigidity but which is still formed from a blank of paperboard having a minimum cross-sectional area so as to provide an economy style package.

We claim:

1. A reclosable, hooded carton formed from a unitary blank of foldable paperboard comprising:

a. foldably interconnected front, rear and sidewalls defining a carton sleeve;

b. closure flaps foldably connected to the bottom edges of said front, rear and side walls and foldable to position to define a bottom wall for said carton sleeve;

c. closure flaps detachably hinged to the upper edges of said front and side walls;

i. the closure flap extending from said front wall having a width corresponding to the distance between front and rear walls of said carton sleeve;

ii. said closure flaps being foldable inwardly and adhesively secured to each other to define; and

iii. an inner severable top wall for said carton sleeve of a size completely covering the area defined by said front, rear and side walls;

d. a cover for said carton sleeve adapted to be adhered to said severable top wall and detachably secured to upper marginal portions of said carton sleeve, said cover comprising:

i. a top wall outer panel hinged at its rear edge to an upper edge of said rear wall;

ii. front and side panels hinged to and depending from front and side edges respectively of said top wall outer panel and connected to each other to form a hood telescoped over and releasably adhesively secured to upper marginal portions of said carton sleeves; and

iii. said top wall outer panel and said front and side panels having adhesive applied thereto along one face thereof;

e. whereby said top wall inner wall is:

i. adhesively secured to the underside of said top wall outer panel to form therewith a composite topwall; and

ii. whereby said front and side panels are joined to each other adhesively to form said hood;

f. said top wall inner panel being separable from said sleeve upon the detachment of said closure flaps from the carton sleeve front and sidewalls as the carton is opened by releasing said cover hood from said sleeve; and

g. said composite top wall being formed of three layers of paperboard in the areas adjacent the sidewalls of said body while the remainder of said top wall is formed of two layers of paperboard to improve the stacking qualities of said carton.