The present application is a continuation-in-part of my
copending application, Serial No. 356,859, filed May 4,
1964, which was a continuation-in-part of my application,
Serial No. 160,225, filed January 15, 1962 (now for-
felated), which latter was a continuation-in-part of my
application, Serial No. 59,041, filed September 28, 1960,
now reissued as Patent Re. 25,856, issued June 18, 1963.

This disclosure is addressed to paperboard containers,
such as might be used for packaging books, phonograph
records or other items of a similar character requiring
cushioning protection at the corners or ends of the
package.

In said patent, there is described a paperboard blank,
which is wrapped about an article as a sleeve, and whose
end walls are set back within the ends of the sleeve. An
elongate generally rectangular sheet is scored to define
four main panels for the sides, top and bottom of the
package plus an end flap which is adapted to overlap
with the opposite end of the blank to form the sleeve.
The blank further has longitudinal marginal portions,
which are folded in and glued to the main panels, there-
by to provide double thicknesses at the ends of the sleeve.

An extension from an unfolded margin forms a recessed
end wall and an end wall retaining flap. The end walls
necessarily are set back within the sleeve leaving outwardly
opening pocket-like formations at the ends of the
package.

The packaging of hardbound books is complicated
by the fact that bookbinders seemingly find it necessary
to leave a flimsy lip at each end of the book's spine; and
such lip customarily extends outwardly (i.e., lengthwise
of the spine) for a distance greater than the hard covers
of the book. The lower one of these lips is nearly always
flushed when the book is shelved, but publishers are often
zealous to protect it against disfiguration until it is in
the hands of the ultimate purchaser. The stiff covers do
not protect the lips because a planar surface moving rela-
tively toward the whole end of a book initially encounters
the lip, and not until the lip has yielded does such a planar
surface meet the resistance of the hard covers.

The problem of protecting the spine lips of hard-
bound books from such disfiguration in transit was solved
by the structure disclosed in my aforementioned patent by for-
shortening the aforesaid "recessed end wall," so that
there was a space (between its end and the side panel
thereadjacent) through which the lip might hang when
the covers were in engagement with the inner sur-
face of the "recessed end wall." However, in some cases,
such shortening of the "recessed end wall" is unde-
sirable. In particular, it is desirable to have the ex-
tremities of the "recessed end wall" come into engage-
ment with their adjacent side walls during the process
of applying the container about a book. Such engage-
ment is understood to mean that the corners of the container as
it is folded about a book, and in maintaining the cor-
ers true until the final gluing operation is completed.

Accordingly, it is one object of the present invention
to package a book so that the spine lips are protected
against disfiguration in the package, without shortening
the package walls which engage the end edges of the
book covers.

One-piece book packages are notoriously hard to open.
Those shown in my aforesaid applications have a glued
closure flap which, when opened, permits the book to be
removed. In order to reduce the tedium of opening the
package, the structures disclosed in said applications pro-
vided an unglued margin on the glue flap, which margin
could be lifted (without breaking the glue line) enough
5 to be grasped and peeled back to leave the glue line.

But an unglued exterior flap margin which can be de-
liberately lifted and peeled back is an open invitation to
the occurrence of the same thing by accident.

In the commercial practice of the invention disclosed
in said applications, the conventional "tear tapes" have
been applied to the glue flap inwardly of a glue line which
extended to the margin of that flap. While this tended to
reduce the likelihood of accidental opening, it did not
eliminate it because it was still necessary to have, on the
exterior of the package, an unglued marginal portion at
which to "start" the tear tape.

Consequently, it is another object of the invention to
make the package easy-opened without the hazard of
unglued exterior marginal portions on the package.

Generally stated, these and other objects of the in-
vention are accomplished by cantilevering at least one of
the extremities of the "recessed end walls" so that it will
yield under a force which would otherwise crush or dis-
figure the spine lip of the packaged book; and by dis-
posing the starting place of the tear tape remote from any
margin and providing, in the layer of package which
underlies the tear tape, a hole in alignment with the tear
tape's starting place.

An illustrative embodiment of the invention is shown
in the accompanying drawings, in which:

FIGURE 1 is a plan view of a sheet of corrugated paperboard which has been cut and scored in accordance
with this invention to produce a blank suitable for pack-
aging a book;

FIGURE 2 is a perspective view of the finished Package;

FIGURE 3 is a sectional view taken along line 3—3
of FIGURE 2;

FIGURE 4 is a perspective view of a typical book of
the character to be packaged in accordance with
the present invention;

FIGURE 5 is a perspective view illustrating an inter-
mediate step in the process of packaging a book in accord-
ance with the present invention;

FIGURE 6 is a perspective view illustrating a further
step in the packaging operation;

FIGURE 7 is a perspective view illustrating one mode
of opening the completed package shown in FIGURE 2;

and

FIGURE 8 is a partial sectional view taken along line
8—8 of FIGURE 2.

Referring to the drawings, there is shown an elongate
sheet of corrugated paperboard with the corrugations
thereof extending in the longitudinal direction of the
sheet or blank. The sheet is scored transversely along
lines 1 to define a pair of relatively wide main panels 3
and 5 and a pair of relatively narrow main panels 7 and
9. For purposes of description, the panel 3 will be referred
to as the bottom panel, the panel 5 will be referred to as
the top panel and the panels 7 and 9 shall be referred to
as side panels. The side panel 9 at one end of the blank
further has a glue flap 11, the outer margin 12 of which
is adapted to be glued to the opposite side of the blank
to form a sleeve, and the glue flap 11 has a tear tape 13
extending longitudinally thereof to facilitate severance
of the glued margin 12 when the package is to be opened.

The bottom panel 3 has narrow marginal sub-panels
extending from its ends, and these sub-panels are defined
by parallel fold lines extending longitudinally of the
blank. First longitudinal fold lines 15 and next fold lines
17 define therebetween marginal portions 19, adapted to
be folded back into conformity with the adjacent portions of panel 3. Outward thereof fold lines 21 define (with fold lines 17) sub-panels 23, which are adapted to extend at right angles to the main panel 3, and form inner recessed end walls. The portions lying outwardly of fold lines 21 are sub-panels 25 and are adapted to be folded outwardly and ultimately to be contiguous with the top panel 5 as retainer flaps.

In order to facilitate the processing of the wrapping of the blank shown in FIGURE 1 about a book, particularly where automatic machinery is employed, as well as to produce an ultimate package in which the several panels snugly engage the packaged book, the fold lines are regular, the corners square, and the package is neat in appearance, it is preferable that certain precautions be taken in producing some of the fold lines above referred to. With this in mind, it is preferable that fold lines 15 include a central slit (entirely through the sheet of paperboard) extending for about two-thirds of the length of the fold line, and the balance (at opposite ends of the central slit) be scored; that fold lines 17 and 21 include a central slit extending only through the interior liner of the corrugated paperboard, and that the terminal portions of said fold lines be delaminated by a succession of short perforations which extend entirely through the sheet of paperboard. Except as otherwise indicated herein, the edges are preferably formed by scoring, i.e., without slitting or perforating.

The dimensions of the several panels of the blank or wrapper shown in FIGURE 1 are preferably coordinated with the dimension of the book to be packaged. A typical such book is shown in FIGURE 4, and has relatively stiff front and back covers 2 intervened by a spine 4, which terminates at the upper and lower ends in a lip 6, which is usually of much less stiffness than the covers 2, and hence may be readily mutilated or deformed in transit and handling. On the other hand, the dimensions of spine 4 for a short distance on the order of a thirty-second to an eighth of an inch beyond the opposite ends 8 and 10 of the covers. In the following description, the length of the covers 2 will be understood to be the dimension between the upper cover edge 8 and the lower cover edge 10; and the width of the cover will be understood to be the dimension between the line of demarcation 42 (between the spine and the stiff cover) and the free edge of the cover 4; and the thickness of the book is understood to be the distance between the exterior surfaces of covers 2. Accordingly, in the embodiment illustrated, the main panel of the wrapper has a length (parallel to fold lines 1) considerably in excess of the length of the covers of the book to be packaged, and said panels have a breadth (parallel to fold lines 15) greater than the width of the covers by an amount at least equal to the distance between the apogee of spine 4 and demarcation line 42; the side panels 7 and 9 have a length (parallel to fold lines 1) considerably greater than the length of the book covers, and have a width corresponding substantially to the thickness of the book; the end panels 23 have a length (parallel to fold line 15) corresponding substantially to the breadth of the main panels, and a width corresponding substantially to the thickness of the book; and the portions 19 and 25 have a width (parallel to fold lines 1) substantially equal to half the difference between the length of panel 3 and the length of the book covers.

The top panel 5 has fold lines 31 and 33 defining therebetween front and back panels 35 and glue flaps 37 lying outwardly of the fold line 33. The panels 35 are folded at right angles to the panel 5 and extend across the ends of the package. The width (parallel to fold lines 1) of a panel 35 is approximately equal to the width of an inner end-wall panel 23 plus twice the thickness of the board from which the blanks are made. The flaps are folded over and glued to the exterior surface of the bottom wall 3.

In order to minimize the likelihood of mutilation and distortion of the book lips 6 during packing, transit and other handling of the packaged book, the wrapper blank of this invention is characterized by the feature that each of the interior end sub-panels 23 will be provided, at least one end, with a terminal tab 16 located at that end of the sub-panels 23 adjacent which the lips 6 will lie in the completed package. The tabs 16 will be formed by cutting out adjacent portions of panels 19 and 25, as shown at 18 and 20, so that the tab 16 is free of connection on three sides from the adjacent substance of the blank, and hence is cantilevered from the body of sub-panel 23. Preferably, a score line 22 is provided at the root of tab 16, in order to hingedly connect it with the body of sub-panel 23 with such flexibility that tab 16 will yield in response to any force exerted upon it through book lips 6. As shown in the drawing, tab 16 is a mediocum wider (parallel to fold lines 1) than the main body of sub-panel 23 by an amount on the order of a thirty-second of an inch at each of cut-outs 18 and 20. This additional width on tab 16 enables it to act as a truing means to square the corner at which side panel 9 folds down across the end of tab 16, as well as to assure that panel 19 is folded flat against panel 3, and that panel 25 is flat against panel 5 when the package is closed.

Except as otherwise indicated herein, the process of applying the blank as a wrapper to a book is as described in my aforesaid parent application Serial No. 365,859.

The embodiment illustrated herein is further characterized by a feature which facilitates opening of the completed package. This involves the provision of tear tape 13 with operating tabs located other than at the margin of the part of the package to be severed, as is conventional. In the embodiment shown, the tear tape 13 is severed centrally at 24 by a cut extending through flap 11 at that point. This cut defines a mutual point of separation between tear tabs 26 and 28, which are otherwise delineated by angular cut lines 30 and 32, so that the tear tabs 26 and 28 are cut on three sides from the body substance of flap 11. This provides, in effect, two tear tapes, each of which, when drawn from line 24 (longitudinally (of the tape) toward the opposite extremities of flap 11, severs the adhered portion 12 from the portion thereof between the tear tapes and side panel 9. Preferably, the tear tabs 26 and 28 are, during packing as well as during transit, maintained in coplanar relationship with the exterior surface of flap 11, but in order to facilitate a mutual point of separation, they may be grasped and pulled to make the desired severance, the invention contemplates that the portion of panel 3 which underlies flap 11 be provided with a hole 34 in alignment with the junction 24 between the two tear tabs 26 and 28. The hole 34 is of size sufficient to permit either tab to be forced inwardly by finger pressure on it for a distance at least equal to the thickness of the paperboard from which the package is made. Such movement is accommodated by the hole 34 even when panel 3 rests flat against the packaged book. When one of tabs 26 or 28 is thus pressed into hole 34, the margin of the other tab is exposed, and readily accessible to be pulled out of its normal coplanar relationship with flap 11, grasped (as shown in FIGURE 7) and pulled to accomplish the severance which opens the package.

With the arrangement described, it is immaterial which of tabs 26 and 28 is thus pressed into hole 34 because the pushing of either exposes the necessary location, so that it may be lifted with the fingernail to grasp it, and once one tab has been lifted out of its normal coplanar relationship with the flap 11, the other tab is readily accessible.

From the foregoing description, those skilled in the art should understand that the present invention and the resulting package are not only highly protective to the lips on the spine of pack-
aged book, but, at the same time, readily openable without being substantially susceptible to accidental opening. The protection to the lips on the spine of a packaged book is afforded by the construction which softens impacts which might otherwise be transmitted to the lips on the spine and result in damage to the same. This is accomplished by the cantilevering of tab 16, which serves the dual function of yieldably engaging the spine lips and serving as a truing device for the entire package, all of which is made possible by the fact that, to accommodate the spine lips, the tabs 16 yield in their weakest dimension, while the engagement between those tabs and the adjacent exterior walls of the package is such that the forces exerted are sustained by the stiffest dimension of the tabs.

While one complete embodiment of the invention has been described in detail and shown in the drawings, it is to be understood that the invention is not limited to the details of that embodiment. On the contrary, it is contemplated that those skilled in the art may, in order to meet the exigencies of given packaging situations, make such modifications and variations in the embodiment disclosed as are necessitated, without departing from the spirit of the invention or the scope of the appended claims.

Having thus described the invention, what is claimed and desired to be secured by Letters Patent is:

1. A package comprising, an article such as a book or the like enveloped in a wrapper comprising a corrugated paperboard sheet scored to define a top panel, a bottom panel, side panels and edge panels, said bottom panel having opposite end flaps extending for the full width thereof and foldably connected thereto at parallel fold lines spaced apart a distance substantially greater than the maximum dimension of said article, each of said end flaps being divided by fold lines into first, second and third sub-panels, said last-mentioned fold lines being parallel with each other and parallel with said first-mentioned fold lines, in which:

- (1) the first sub-panels being immediately adjacent the first-mentioned fold lines, of a dimension perpendicular to said fold line which is substantially PL — AL

- (2) the second sub-panel being foldably connected to the first sub-panel, of a dimension perpendicular to said fold lines which is substantially the same as the inside minor dimension of said side panels, and folded to extend in a direction perpendicular to the first sub-panel, and

- (3) the third sub-panel being foldably connected to the second sub-panel and of substantially the same dimensions as the first sub-panel and folded flat against the top panel to provide a double thickness in the area of the top panel which corresponds in location to the double thickness area in the bottom panel, said portions being so folded that said second sub-panel substantially closes the space between said top and bottom panels at a position which is inset from the margins of the package in the direction parallel with said major dimension of said article; said edge panels each being foldably connected to one of said top panel and bottom panel and being glued on the exterior of another panel, at least one of said edge panels having a severance means extending parallel with its foldable connection and spaced from its margin, the portion of said edge panel between said severance means and its margin being glued to the other of said top and bottom panel, the glued one of said top and bottom panels having a hole therein underlying said severance means, said severance means including a tear tab aligned with said hole and normally in coplanar relationship with said one of said edge panels, and said tear tab having a free end of size such as to be accommodated in said hole.

2. For the packaging of a book (having a stiff front and back cover intervened by a spine terminating in flexible lips which are substantially less stiff than said covers) in a paperboard blank cut and scored to delinate a top panel, a bottom panel, side panels and end panels, said top and bottom panels having length and breadth greater than the corresponding dimension of the book covers, said side panels having length greater than the length of the book covers and width corresponding substantially to the thickness (outside front cover to outside back cover) of the book, said end panels having width sufficient to close the end space between top and bottom panels when the latter are folded about the book, the improvement which comprises said end panels terminating in a flexibly hinged tab disposed to engage and yield under outwardly directed forces exerted thereon by a lip of a book packaged in said sheet, said tab having a width sufficient to make edgewise engagement with the top and bottom panels when the latter are folded about the book, and the dimension (parallel to the width dimension of said bottom panel) of said end panels including said tab being not in excess of the width of said bottom panel.
4. A package comprising a book (having a stiff front and back cover intervened by a spine terminating in flexible lips which are substantially less stiff than said covers) wrapped in a paperboard blank, said blank being cut and scored to delineate
   (i) main panels interiorly contiguous with the respective book covers,
   (ii) side panels interiorly contiguous respectively with the spine and free cover edges of the book,
   (iii) end panels interiorly contiguous with the cover end-edges of the book,
   said end panels each having at its end adjacent the spine of the book:
   (iv) a tab cantilevered from, and flexibly hinged to the part of its end panel which is contiguous with the book cover end-edges, said tab being aligned with the spine of the book, and the combined length of said tab and the end panel to which it is hinged being not in excess of the width of said bottom panel.

5. A package comprising a book (having a stiff front and back cover intervened by a spine terminating in flexible lips which are substantially less stiff than said covers) wrapped in a paperboard blank, said blank being cut and scored to delineate
   (i) main panels interiorly contiguous with the respective book covers,
   (ii) side panels interiorly contiguous respectively with the spine and free cover edges of the book,
   (iii) end panels interiorly contiguous with the cover end-edges of the book,
   said end panels each having at its end adjacent the spine of the book:
   (iv) a tab cantilevered from, and flexibly hinged to the part of its end panel which is contiguous with the book cover end-edges, said tab being aligned with the spine of the book, and the combined length of said tab and the end panel to which it is hinged being not in excess of the width of said bottom panel.

6. A package comprising a book (having a stiff front and back cover intervened by a spine terminating in flexible lips which are substantially less stiff than said covers) wrapped in a paperboard blank, said blank being cut and scored to delineate
   (i) main panels interiorly contiguous with the respective book covers,
   (ii) side panels interiorly contiguous respectively with the spine and free cover edges of the book,
   (iii) end panels interiorly contiguous with the cover end-edges of the book,
   (iv) a closure flap hingedly connected to one of said main and side panels, and adhesively connected to another of said panels,
   said closure flap having a partially cut out tear tab formed therein, said tear tab being normally disposed in coplanar relationship with said closure flap, and said panel to which said closure flap is adhered having a hole therein underlying and in alignment with said tear tab.

7. For the packaging of a book (having a stiff front and back cover intervened by a spine terminating in flexible lips which are substantially less stiff than said covers) in a paperboard blank cut and scored to delineate a top panel, a bottom panel, side panels and end panels, said top and bottom panels having length and breadth greater than the corresponding dimension of the book covers, said side panels having length greater than the length of the book covers and width corresponding substantially to the thickness (outside front cover to outside back cover) of the book, said end panels having length corresponding substantially to the breadth of the bottom panel and width sufficient to close the end space between top and bottom panels when the latter are folded about the book, the improvement which comprises
   said end panels terminating in a flexibly hinged tab disposed to engage and yield under outwardly directed forces exerted thereto by a lip of a book packaged in said sheet, and the dimension (parallel to the width dimension of said bottom panel) of said end panels including said tab being not in excess of the width of said bottom panel.

8. A flat wrapper for an article such as a book comprising a paperboard blank second to define a top panel, a bottom panel, and side panels, said top panel and said bottom panel each having a unitary width corresponding to the distance between said side panels, each panel being foldably connected to at least one other panel, said bottom panel having two end portions respectively foldably connected thereto at parallel fold lines spaced from each other a distance substantially greater than the maximum dimension of said article, said end portions each being folded back 180° at said fold line to provide a double thickness for a substantial distance away from their respective one of said parallel fold lines, said substantial distance at each end being not more than about one half of the difference between the distance separating said parallel fold lines and the maximum dimension of said article, said end portions each having:
   (a) a second fold line parallel with the adjacent one of said parallel fold lines and spaced therefrom said substantial distance;
   (b) a third fold line parallel with said second fold line and spaced therefrom a distance corresponding substantially to the width of said side panels minus twice the thickness of said paperboard;
   (c) a section projecting beyond said third fold line for a distance approximately the same as said substantial distance; and the top panel having at each end thereof an end flap foldably connected with said top panel at a fourth fold line substantially aligned with the adjacent one of said parallel fold lines, said end flaps each including:
   (d) an end panel adjacent said fourth fold line; and
   (e) a flap panel outwardly and foldably connected with said end panel; said end panel having a dimension perpendicular to said fourth fold line which is greater than the distance between said second and third fold lines.

9. A corner-protecting package for books and articles of like shape comprising a sheet of foldable board having bottom, side, top, and glue panels foldably connected in that order to form an article-comprising sleeve of length greater than the article, the unitary width of the top and bottom panels corresponding to the distance between the respective side panels and being greater than that of the side panels, the bottom panel having foldably connected marginal portions at each end folded back within the sleeve, the infolded bottom-panel margins having foldably-connected end-wall sections folded at right angles to the bottom panel, the end-wall sections having retainer sections folded flat against the interior of the top panel, said end-wall section having cut side edges extending along the interior surfaces of the side panels, and the top panel having foldably-connected marginal portions at each end folded across the infolded bottom panel margins and secured to the exterior of the bottom panel.

10. A corner-protecting package for books and articles of like shape comprising a sheet of foldable board having top, bottom and side panels foldably connected to form an article-comprising sleeve of length greater than the article, the unitary width of the top and bottom panels corresponding to the distance between the respective side panels and being greater than that of the side panels, the bottom panel having foldably connected marginal portions at each end folded back within the sleeve, the infolded bottom-panel margins having foldably-connected end-wall sections folded at right angles to the bottom panel, the end-wall sections having retainer sections folded flat against the interior of the top panel, one of the sleeve-forming panels having a glue flap extending over
and spot glued to another panel, said glue flap having an unsecured tab extending over said other sleeve-forming panel, thereby to facilitate opening of the package by detachment of the glue flap, and the top panel having foldably connected marginal portions at each end folded across the infolded bottom panel margins and secured to the exterior of the bottom panel.

11. A package comprising, an article such as a book or the like enveloped in a wrapper comprising a corrugated paperboard sheet scored to define a top panel, a bottom panel, side panels and end panels, said top panel and said bottom panel each having a unitary width corresponding to the distance between said side panels, said bottom panel having opposite end flaps extending for the full width thereof and foldably connected thereto at parallel fold lines spaced apart a distance substantially greater than the maximum dimension of said article, each of said end flaps being divided by fold lines into first, second and third sub-panels, said last-mentioned fold lines being parallel with each other and parallel with said first-mentioned fold lines, in which:

(1) the first sub-panels being immediately adjacent the first-mentioned fold lines, of a dimension perpendicular to said fold lines which is substantially

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where PL is the distance between said first-mentioned fold lines and AL is said maximum dimension of said article, and folded flat against said bottom panel to provide a double thickness, in the area of the top panel which corresponds in location to the double thickness area in the bottom panel, and said top panel having opposite end flaps, divided by fold lines into an end panel and a glue flap, said glue flap being adhered to the exterior of the bottom panel on the opposite surface thereof from said first sub-panel.

12. A package comprising, an article such as a book or the like enveloped in a wrapper comprising a corrugated paperboard sheet scored to define a top panel, a bottom panel, side panels and edge panels, said top panel and said bottom panel each having a unitary width corresponding to the distance between said side panels, said bottom panel having portions extending in opposite directions therefrom for the full width thereof and foldably connected thereto at parallel fold lines spaced apart a distance substantially greater than the maximum dimension of said article, each of said portions being divided by fold lines into first, second and third sub-panels, said last-mentioned fold lines being parallel with each other and parallel with said first-mentioned fold lines in which:

(1) the first sub-panels being immediately adjacent the first-mentioned fold lines, of a dimension perpendicular to said fold line which is substantially

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where PL is the distance between said first-mentioned fold lines and AL is said major dimension of said article, and folded flat against said bottom panel to provide a double thickness, in the area of the top panel which corresponds in location to the double thickness area in the bottom panel, said portions being so folded that said second sub-panel substantially closes the space between said top and bottom panels at a position which is inset from the margins of the package in the direction parallel with said major dimension of said article.

13. The package of claim 12 wherein said edge panels are foldably connected with said top panel and are glued to said bottom panel.

14. A package comprising, an article such as a book or the like enveloped in a wrapper comprising a corrugated paperboard sheet scored to define a top panel, a bottom panel, side panels and edge panels, said top panel and said bottom panel each having a unitary width corresponding to the distance between said side panels, said bottom panel having portions extending in opposite directions therefrom for the full width thereof and foldably connected thereto at parallel fold lines spaced apart a distance substantially greater than a major dimension of said article, each of said portions being divided by fold lines into first, second and third sub-panels, said last-mentioned fold lines being parallel with each other and parallel with said first-mentioned fold lines in which:

(1) the first sub-panels being immediately adjacent the first-mentioned fold lines, of a dimension perpendicular to said fold line which is substantially

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where PL is the distance between said first-mentioned fold lines and AL is said major dimension of said article, and folded flat against said bottom panel to provide a double thickness, in the area of the top panel which corresponds in location to the double thickness area in the bottom panel, said portions being so folded that said second sub-panel substantially closes the space between said top and bottom panels at a position which is inset from the margins of the package in the direction parallel with said major dimension of said article; said edge panels each being foldably connected to one of said top panel and bottom panel and being glued on the exterior of another panel, the glue line on at least one of said edge panels being spaced inwardly from the margin thereof which is remote from its foldable connection.

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LOUIS G. MANCENE, Primary Examiner.