

United States Patent

Guillerm

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[54] PACKAGING AND DISPLAY CASE FOR CIGARETTE LIGHTER

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Oct. 11, 1967 France.....67124035

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[51] Int. Cl.B65d 25/54, B65d 85/00

[58] Field of Search.....206/45.14, 45.15, 45.31; 229/8, 6, 51; 220/8

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Primary Examiner—William T. Dixon, Jr.
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[57] ABSTRACT

The invention is concerned with a combined packaging and display case for cigarette or pipe lighters and similar small items formed of a suitable material such as cardboard which is scored for suitable folding and gluing to define a two section container, the removable bottom portion of which has a suitable opening therein for mounting and displaying the lighter and the top portion of which, when separated from the bottom portion, provides a suitable closed shipping container for the lighter.

5 Claims, 8 Drawing Figures

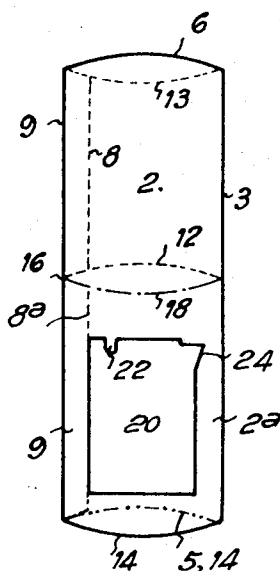


Fig. 1

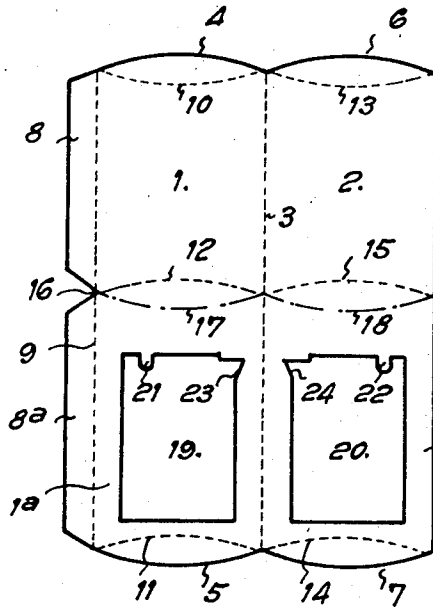


Fig. 2

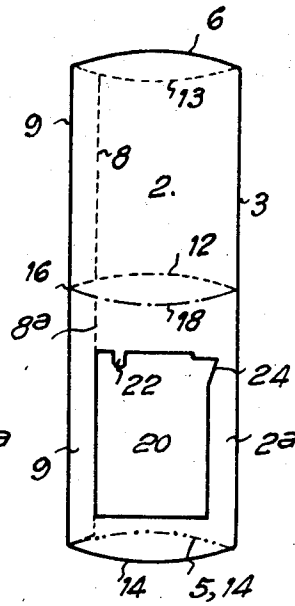


Fig. 6

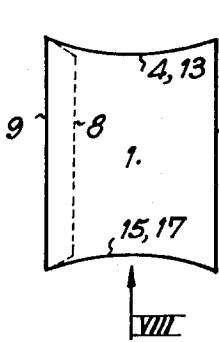


Fig. 7

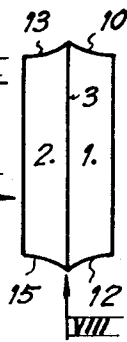


Fig. 3

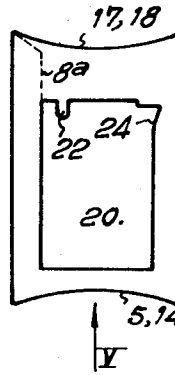


Fig. 4

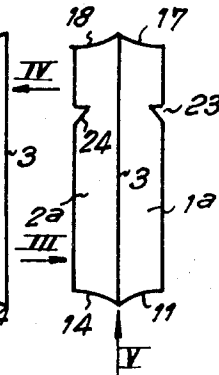


Fig. 8

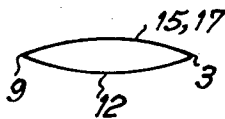
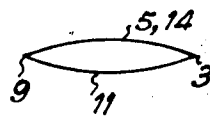


Fig. 5



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PACKAGING AND DISPLAY CASE FOR CIGARETTE LIGHTER

SUMMARY OF THE INVENTION

The invention is directed to a suitably scored and perforated cardboard blank for folding and gluing to provide an apertured display section for mounting an article therein and a separable section for receiving the article and forming a packaging and shipping container therefore. One embodiment of the invention is a suitably shaped and scored rectangularly shaped blank having apertures in one portion thereof for mounting and displaying the article and a second non-apertured portion, each of which sections are provided with gluing flaps to form a sealed enclosure for the article.

In the drawing forming part of this disclosure,

FIG. 1 shows a plan view of a preferred form of cardboard blank as shaped and scored for folding;

FIG. 2 shows the blank of FIG. 1 folded and glued to provide an open-ended combined display and shipping case;

FIG. 3 shows a front elevation of the display case portion as severed from FIG. 2 and glued;

FIG. 4 shows a side elevation of the display case of FIG. 3;

FIG. 5 shows a bottom view of FIGS. 3;

FIG. 6 shows a front elevation of the shipping case portion folded end glued;

FIG. 7 shows a side elevation of FIG. 6 and

FIG. 8 shows a bottom view of FIG. 6.

Referring now in detail to the drawing, the combined packaging and display case of the invention is formed from a suitable substantially rectangular shaped blank of cardboard or other suitable material as shown in FIG. 1 and provided with two longitudinally extending transversely spaced score lines 3 and 9. Extending outwardly from score line 9 is a suitable gluing flap having a notched opening 16 therein dividing the flap into two portions 8 and 8a. Across the top of the blank of FIG. 1 the score lines 3, 9 and an end wall of the blank are connected by arcuate portions 4 and 6 and concave score lines 10, 13. Similarly the bottom portion of the cardboard blank is provided with arcuate portions 5 and 7 and score lines 11, 14. Extending transversely of the blank, from notch 16, are score lines 12, 15 and severance lines 17, 18. The purpose of severance lines 17, 18 will be later discussed. As now described, the the cardboard blanks of FIG. 1, has been divided by the score lines 10, 11, 12, 13, 14 and 15 into four connected segments 1, 1a, 2 and 2a. The adjacent segments 1a and 2a, on opposite sides of score line 3, are provided with suitably shaped matching openings 19 and 20 for mounting of an article, such as a cigarette lighter, for display purposes.

The blank of FIG. 1 when folded along foldlines 3 and 9, with flaps 8 and 8a glued to the inner faces of portions 2, 2a of the blank provides an open-ended envelope as shown in FIGS. 2 and 5 of the drawing. The openings 19 and 20 of FIG. 1 provide for display of the cigarette lighter or other object placed therein. Such openings have notches 21, 23 and 24, 22 therein corresponding to and for accommodating projections on the lighter such as the sparking wheel of the lighter and other such projections. It will be understood that the said openings 19, 20 will be of a size and shape corresponding to the object to be received therein, which may be other than a cigarette lighter.

Referring again to FIG. 2 of the drawing, after the blank of FIG. 1 is folded and glued to provide the envelope of FIG. 2 and the item to be displayed is mounted within the openings 19, 20 thereof, the bottom portion of the envelope of FIG. 2 may have the portion 5, 7 folded upon dotted lines 11, 14 and secured together by any suitable adhesive to close the bottom of the envelope of FIG. 2. The envelope now serves as a display case for the lighter.

If the object within the envelope is to be packaged, as for delivery to a purchaser or mailing, the envelope or case of FIG. 2 may be severed along lines 17, 18 of FIG. 1 and the lighter or other object removed from the display section and placed within the upper portion 2 of FIG. 2. Thereafter the flaps 4, 6 may be folded along lines 10, 13 and flaps 17, 18 folded along lines 12, 15 and either glued or otherwise secured in place to form the shipping case of FIGS. 6 and 7. FIG. 3 and 4 shows the bottom of the envelope or case of FIG. 2, when severed along the perforations of lines 17, 18 of FIGS. 1 and 2.

Having described how the blank of FIG. 1 may be folded, glued and subsequently severed into two separate portions for the purposes set forth, it will be understood that the invention can take many differently forms to display and package differently shaped and sized articles other than the cigarette lighters. Additionally, where for purposes of illustration the term cardboard has been used it will be understood materials other than cardboard may be used, including suitable opaque as well as transparent materials.

I claim:

1. A packaging and display case for objects, including cigarette lighters, comprised of

- a. a substantially rectangularly shaped blank of suitable material, including cardboard, having a length and width in excess of twice the dimensions of the corresponding object to be received therein,
- b. a pair of longitudinally extending score lines spaced from one margin of the blank defining between them and said margin of the blank two areas each of a width in excess of the width of the object to be enclosed and of a length in excess of twice the length of said object,
- c. an arcuate outward extension on the blank at the opposite ends of each of said latter two areas defining gluing flap and an inwardly extending arcuate score line underlying each said outward extensions forming a fold line for the gluing flaps,
- d. a gluing flap extending laterally from one said longitudinally extending score lines and having an inwardly extending notch therein defining an area for separation of the blank,
- e. a pair of arcuate score lines extending transversely of said blank from said notch and between said longitudinally extending score lines defining gluing flaps and oppositely disposed arcuate spaced serrations extending through said blank aligned with said last named score lines defining therewith gluing flaps and an area of selective separation of the folded and glued blank to define a display case and a shipping case.

2. The packaging and display case blank as defined in claim 1, wherein the portions thereof defining the display case are provided with suitable shaped opening therethrough for receiving and supporting the article to be displayed.

3. A packaging and display case for objects, including cigarette lighters, comprised of

- a. a substantially rectangular blank of suitable material, including cardboard, having a length and width in excess of twice the corresponding dimensions of the object to be enclosed thereby,
- b. a pair of longitudinally extending transversely spaced score lines in said blank and spaced from one margin thereof defining two areas having a length and width in excess of the object to be received and displayed,
- c. arcuate outwardly extensions on each end of said two areas defining gluing flaps foldable upon underlying arcuate scorelines for said flaps,
- d. a gluing flap extending longitudinally and outwardly of one of said longitudinal score lines and having a notch therein intermediate the ends thereof defining areas of separation of the two vertical halves of the blank,
- e. concave lines of spaced perforations extending

transversely of said blank from said gluing flap notch defining an area of separation of the blank and providing gluing flaps, and

- f. convex fold lines joining said concave lines of spaced perforations defining fold lines for said latter gluing flaps.

4. The display case as defined in claim 3 wherein the bottom half of the said blank has suitable apertures thereon for mounting the article to be displayed therein and the depending gluing flaps underlying said displayed article may be glued together to provide a closed base and support for the display case.

5. The packaging and display case as defined in claim 4 wherein the display section of the case may be broken along said concave lines of spaced perforations, the article removed from display section and placed in the packaging portions of the said case and the flaps on opposite ends of said packaging portion folded and glued for shipment or delivery to the purchaser.

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UNITED STATES PATENT OFFICE
CERTIFICATE OF CORRECTION

Patent No. 3,682,293

Dated August 8, 1972

Inventor(s) Jacques Guillermin

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the front page of the patent,
insert data element [73],

-Assignee: Société des Industries Modernes
pour l'importation et la vente de produits
manufacturés (S.I.M.)-

Signed and sealed this 3rd day of April 1973.

(SEAL)
Attest:

EDWARD M. FLETCHER, JR.
Attesting Officer

ROBERT GOTTSCHALK
Commissioner of Patents