

[72] Inventor **Emmanuel A. Benachi**
Geneva, Switzerland
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 [73] Assignee **Cartorhone S.A.,**
Geneva, Switzerland
a company of Switzerland
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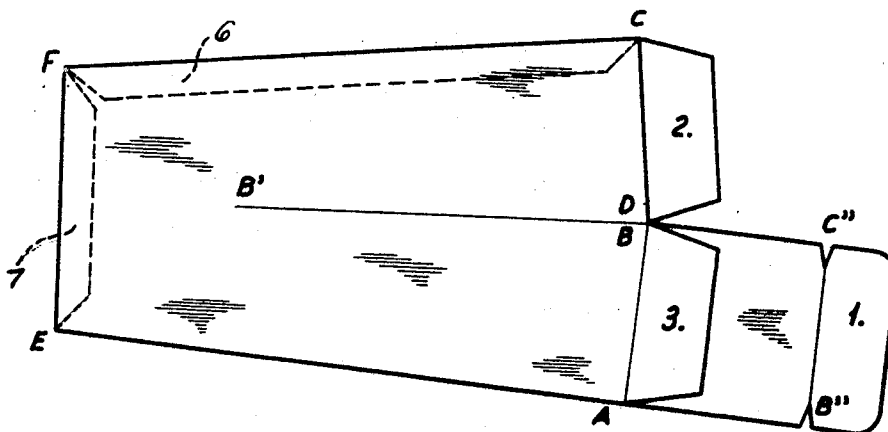
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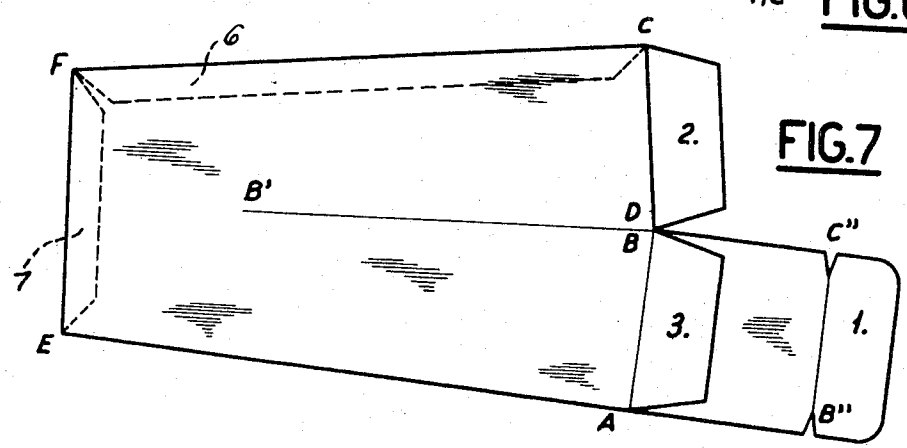
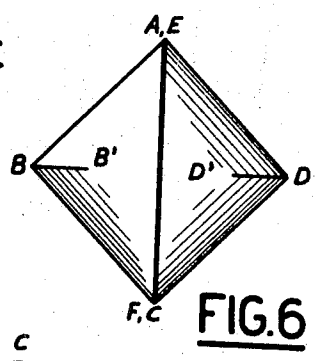
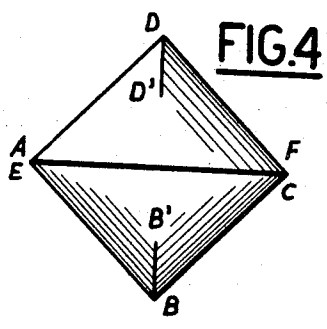
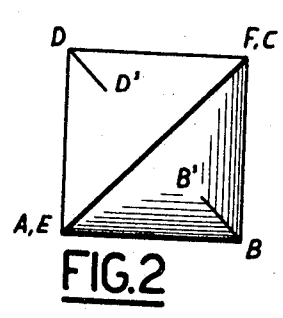
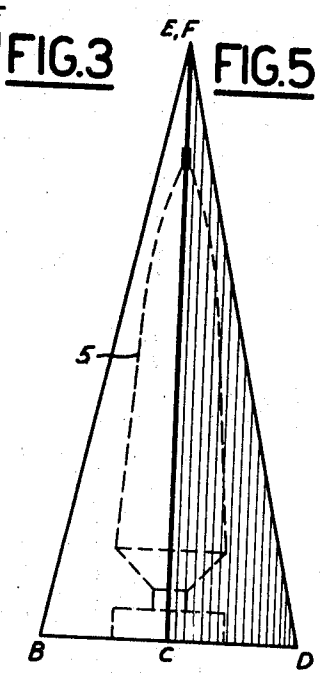
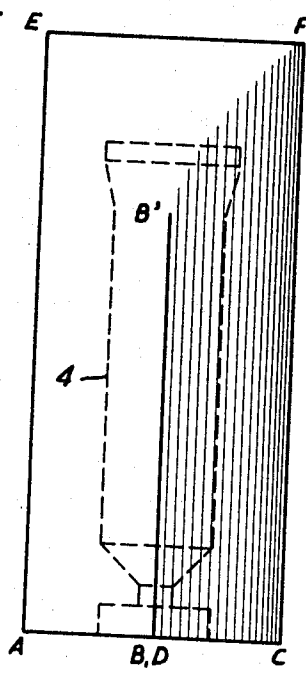
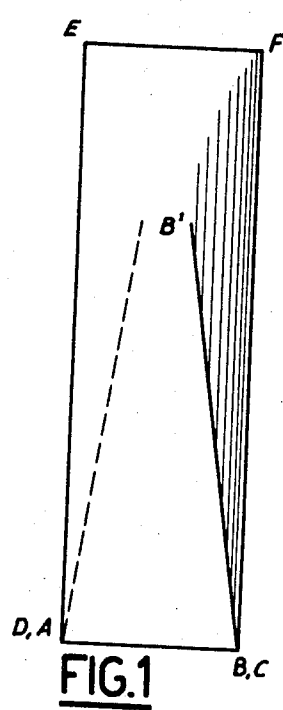
Primary Examiner—David M. Bockenek
Attorneys—Robert E. Burns and Emmanuel J. Lobato

[54] **PRISMATIC PACKAGE OR CONTAINER**
4 Claims, 7 Drawing Figs.

[52] U.S. Cl..... 229/8,
 229/16
 [51] Int. Cl..... B65d 5/00

ABSTRACT: A substantially prismatic package has one end closed by a lid with a flap having the polygonal shape of the base of the prism and the other extremity of the prism being formed by linking along two edges of two sides of the prism.





PRISMATIC PACKAGE OR CONTAINER

There are already known packages for tubes made in the shape of a rectangular parallelepipedal container, the two smaller sides at the ends of the longest edges being made in the shape of lids with flaps.

This universally used type of package has however certain drawbacks.

In effect on the one hand the great variety of dimensions prevents the use of the universal machines which condition tubes in these packages without manual intervention in particular for the closure of the lid. However there are two ends to shape which doubles the work.

Additionally the symmetry of the package prevents the user from ascertaining before opening at what end of the package is located the opening of the tube.

The present invention has for its object a substantially prismatic package having one end closed by a flap with a lid having the polygonal shape of the base of the prism, characterized by the fact that the other end of the said prism is formed by linking along two edges of two sides of the said prism.

The accompanying drawing represents by way of example one embodiment of the present invention.

The example shown corresponds to claim 3, that is to say the case of a substantially prismatic package with a square base, the closure of the other end of the package being obtained by the edge to edge connection of the two sides of the said prism along a segment of a straight line which is equal and parallel to one of the diagonals of the square base.

FIG. 1 is an elevational view according to one of the sides of the square base.

FIG. 2 is a corresponding plane view.

FIG. 3 is a view corresponding to FIG. 1, but where the upper closing portion appears in its entire length.

FIG. 4 is a corresponding plane view.

FIG. 5 is a view perpendicular to that of FIG. 3 in which the closure portion only appears as a point.

FIG. 6 is a corresponding plane view.

In FIG. 7 in contrast with the preceding FIGS. the package is shown unfolded and flat such as it would appear for storage before it is folded, before introduction of the tube and before closing.

In all these FIGS. ABCD show the square base of the assembly, seen sometimes from the edge in FIGS. 1, 3 and 5, or in plane view as in FIGS. 2, 4 and 6. The closing portion is represented by EF, seen also in plane view in FIGS. 2, 4 and 6.

Edge BB', seen in FIGS. 1, 2, 3, 4, 6 and 7 as well as edge DD' seen in FIGS. 2, 4 and 6, are well marked on the base of the package but fade little by little towards its upper end at the place where two of the sides of the package unite to form only one. These edges, as well as all other fold lines on the package,

are formed by shallow score lines.

In FIG. 7 the square AB'C'D show the closure flap of the base of the package with its lid 1, while flaps 2 and 3 contribute to forming a stronger closure. Additionally in FIGS. 3 and 5 there has been shown at 4 and 5 the approximate position that would occupy the tube housed by such a package.

The blank for the package is easily visualized from FIG. 7, in which an additional panel AEFC, having the flap 2 attached thereto, is disposed behind the corresponding panel to which flap 3 is connected. The two panels AEFC are joined by a fold along the line AE, and by tabs 6 and 7, connected respectively along the edges CF and EF of either of the panels AEFC. The tabs are attached to the other panel as by being glued against the inner face thereof.

The linking of the two edges of the walls of the prism in its upper part is not necessarily an edge to edge connection along a straight line segment. It can for example also be constituted by two parts bent back and folded upon one another, the fold being an arc of a circle extending from one edge to the other of the prism and the folding of these two parts one upon the other forming a concave surface, known per se, limited by two arcs of a circle connecting the extremities of two edges of a quasi prismatic volume which has been simply called a prism to simplify matters.

The package according to the invention can be used not only for tubes but also for bottles or any other bodies.

It is also possible to use this package as a container for liquid, pasty or solid material.

I claim:

1. A substantially prismatic package comprising a base at one end of said package, said base having a polygonal lid for closing said one end of the package, and a pair of sidewalls extending from said base and being connected together at the other end of said package, each said sidewall having a straight line fold centrally thereof, wherein each said fold issues at said base and extends to terminate intermediate the distance between said other end of the package and said base.

2. Package according to claim 1, wherein the connection of said sidewalls at said other end of the package is an edge to edge connection defining a straight line segment, and wherein said straight line segment is parallel to a diagonal of said polygonal lid.

3. Package according to claim 2, wherein said base is square, and wherein said sidewalls are connected together along two edges thereof from said one end of said package to said other end, said sidewalls being joined at two diagonal corners of said square base, the other two corners of said base comprising the issue points of said fold lines.

4. Package according to claim 3, wherein the length of said sidewall connection at said other end of the package is equal to the length of the diagonal of said square base.

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