Aug. 25, 1959 J. H. VINEBERG 2,901,160

PACKAGE STRUCTURE

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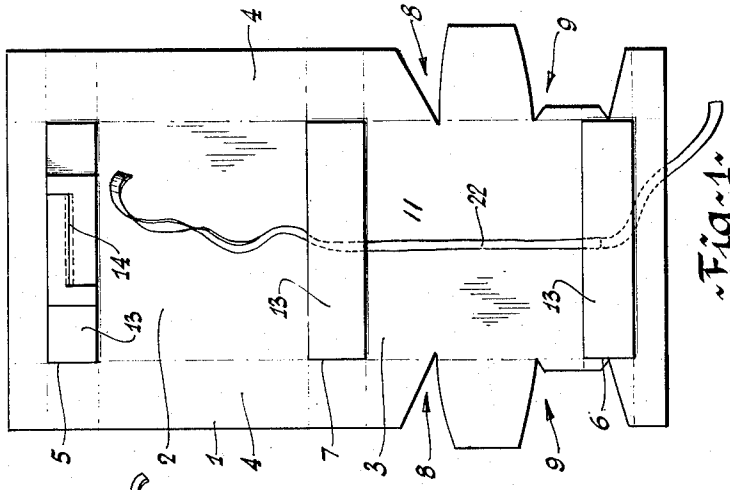


Fig. 1.

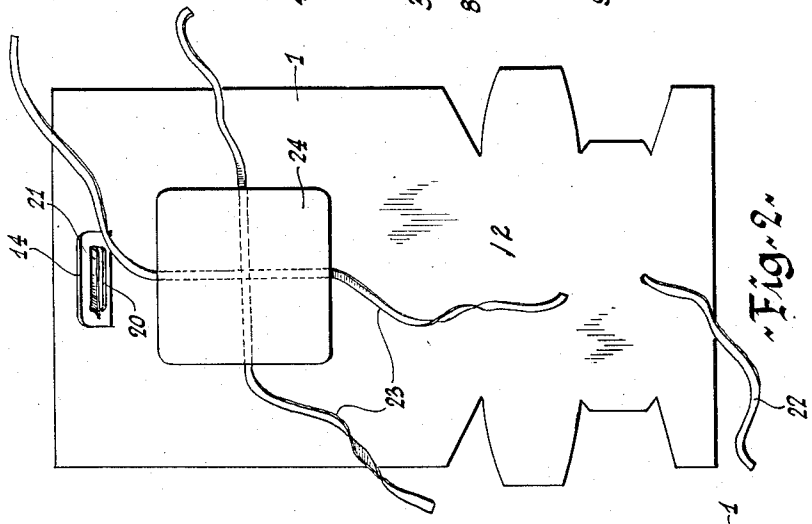


Fig. 2.

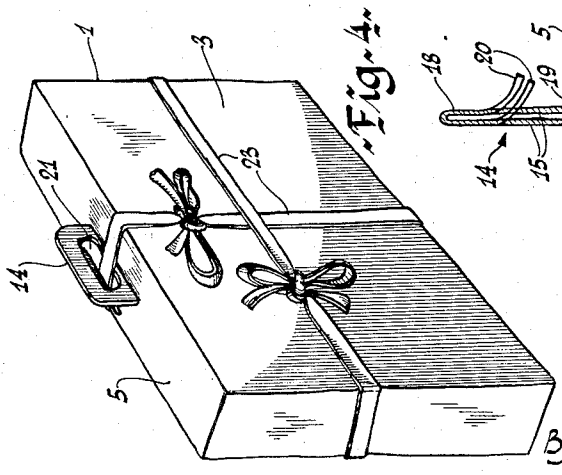


Fig. 4.

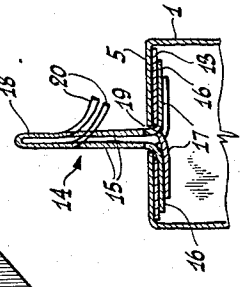


Fig. 3.

Inventor
Joseph H. Vineberg
By Alex. E. MacRae
Attorney

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PACKAGE STRUCTURE

Joseph H. Vineberg, Ottawa, Ontario, Canada

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2 Claims. (Cl. 229—40)

This invention relates to package structures.

In retail stores, it is common practice to package suits, dresses and like creasable articles in cardboard boxes. Such boxes are relatively costly and, moreover, their bulk, even in collapsed condition, is a disadvantage for shipment and storage. Furthermore, they are bulky in use and awkward to handle.

It is an object of this invention to provide a package structure which is simple and inexpensive to manufacture, which occupies relatively little space in dissembled condition, which may be quickly and easily formed into a wrapping means for an article, which forms a neat and compact parcel, and which includes a handle for ease of carrying.

The invention broadly resides in a package structure comprising a paper blank of substantially lighter weight than cardboard, a plurality of reinforcing strips adhesively secured to one face of said blank and each arranged to overlie a fold line, one of said strips having a handle thereon extending through said blank for access from the other face of said blank, and a tie tape secured to said other face of the blank.

The invention will be described with reference to the accompanying drawing, in which

Figure 1 is a plan view of one face of the dissembled package structure of the present invention,

Figure 2 is a plan view of the other face of the structure shown in Figure 1,

Figure 3 is sectional end elevation of the handle portion of the structure, and

Figure 4 is a perspective view of a completed package in accordance with the invention.

In the drawing, 1 is a paper sheet or blank of rectangular shape. Preferably, the blank is formed from a strong light paper, such as kraft paper of medium weight. Cardboard or like stock is not suitable for the purpose. The blank comprises a front panel 2, a rear panel 3, end panels 4, top panels 5 and 6, and a bottom panel 7. The end panels 4 may be notched at 8 and 9 to facilitate assembly.

The blank has an inner face 11 and an outer face 12 and, preferably, each of the top panels 5 and 6 and bottom panel 7 are defined by supporting and shape imparting strips 13 adhesively secured to inner face 11. Each strip 13 may be formed of heavy paper but preferably is formed of lightweight cardboard to impart shape and rigidity to the ultimate package as well as to protect the contents thereof. Preferably, each strip 13 is pasted to the face 11 along one longitudinal edge portion only to permit some relative movement between the strip and the blank during assembly of the package. Such edge portion may comprise about one-third of the area of the strip.

A handle 14 is mounted on the blank adjacent one end thereof and may be integral with one of the cardboard strips 13. As shown, the handle comprises a strip of cardboard doubled upon itself to provide a V-shaped member having opposed legs 15. The end portions 16 of the legs are adhesively secured to the inner face of the blank. One or more tabs 17 may be punched from one end portion 16 and adhesively secured to the other end portion to provide greater rigidity. The remaining portion 18 of the member extends through an opening 19 in the blank 1 for access from the outer face of the blank. Flaps 20 are punched from the portion 18 to provide hand receiving openings 21.

A tie tape 22 is preferably provided on the inner face of blank 1. The tape is arranged to extend longitudinally of the blank and its intermediate portion may be held in position by running the tape under adjacent reinforcing strips 13. As shown, one end portion of the tape extends through the central strip 13 for disposition on the inner face of the blank 1. The other end portion of the tape extends under a strip 13 adjacent the end of the blank opposite to the handle 14 and through the blank for disposition on the outer face of the blank.

A pair of tie tapes 23 are also preferably provided on the outer face of the blank, one of such tapes extending longitudinally over the front panel 2 and the other extending transversely over the panel 2. The intermediate portions of the strings may be held in place by pasting them to the blank or by means of a sheet 24 adhesively secured to the panel 2 and overlying such portions. The sheet 24 may be of paper, plastic or like composition.

In use, the structure is placed on a support with its inner face 11 exposed, as shown in Figure 1. The article to be packaged is placed on the rear panel 3, the top and bottom panels 6 and 7 folded thereabout, and the ends of tape 22 tide to secure the article in place. Thereafter the front panel 2, end panels 4, and top panel 5 are folded into place to form the completed package as shown in Figure 4, the tapes 23 being tied around the package to produce a neat, compact, and strong package. As previously indicated, the strips 13 serve to define and maintain the shape of the package whereby the contents are not subject to undue creasing. The handle 14 protrudes above the top panel and provides a convenience means for carrying the package. It will be observed that the completed package has the appearance of a box or suitcase with carrying handle, such appearance being imparted to the structure by reason of the strips 13.

The tape retaining sheet 24, which is disposed on the front panel of the package, may be of a contrasting color or colors to enhance the appearance of the completed package. Conveniently also, the sheet 24 may be printed with the name or other identifying mark of the retailer of the article being packaged. Thus, it is unnecessary to subject the blank 1 to a printing operation.

I claim:

1. A package structure comprising a rectangular paper blank, a plurality of strips of material of greater rigidity than that of said blank adhesively secured to one face of said blank in transverse relation thereto and in parallel spaced relation to each other, the intermediate one of said strips and the underlying portion of said blank constituting a bottom panel, each of the others of said strips and the underlying portion of said blank constituting a top panel, the portions of said blank between said bottom panel defining strip and said top panel defining strips constituting front and rear panels respectively, one of said top panel defining strips having a handle thereon extending through said blank for access from the outer face thereof, said strips each terminating inwardly of the side edges of said blank, the longitudinal marginal portions of said blank being thereby uninterrupted by said strips and constituting end panels.

2. A package structure comprising a rectangular paper blank, a plurality of strips of material of greater rigidity than that of said blank adhesively secured to one face of said blank in transverse relation thereto and in parallel

spaced relation to each other, the intermediate one of said strips and the underlying portion of said blank constituting a bottom panel, each of the others of said strips and the underlying portion of said blank constituting a top panel, the portions of said blank between said bottom panel defining strip and said top panel defining strips constituting front and rear panels respectively, one of said top panel defining strips having a handle thereon extending through said blank for access from the outer face thereof, said strips each terminating inwardly of the side edges of said blank, the longitudinal marginal portions of said blank being thereby uninterrupted by said strips and constituting end panels, a tie tape disposed on said inner face of said blank and having intermediate portions thereof extending between said blank and two of said strips

and thereby secured to said blank, and tie tapes secured to the outer face of said front panel.

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