Nov. 3, 1953 R. C. WARD 2,657,792

CARTON CONSTRUCTION

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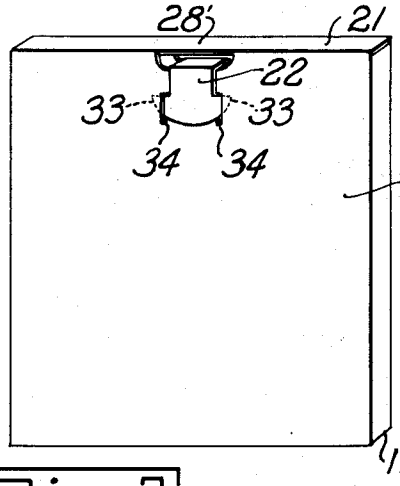


Fig. 3.

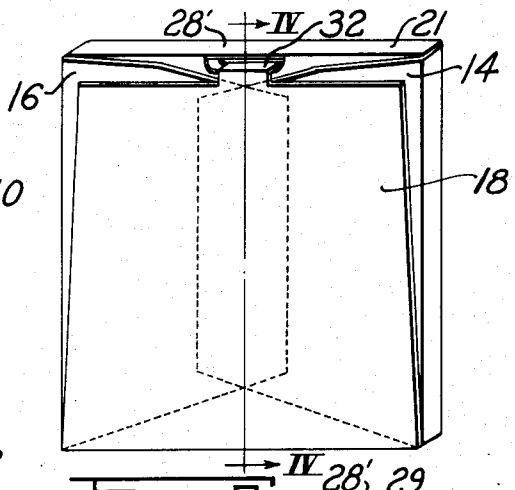


Fig. 2.

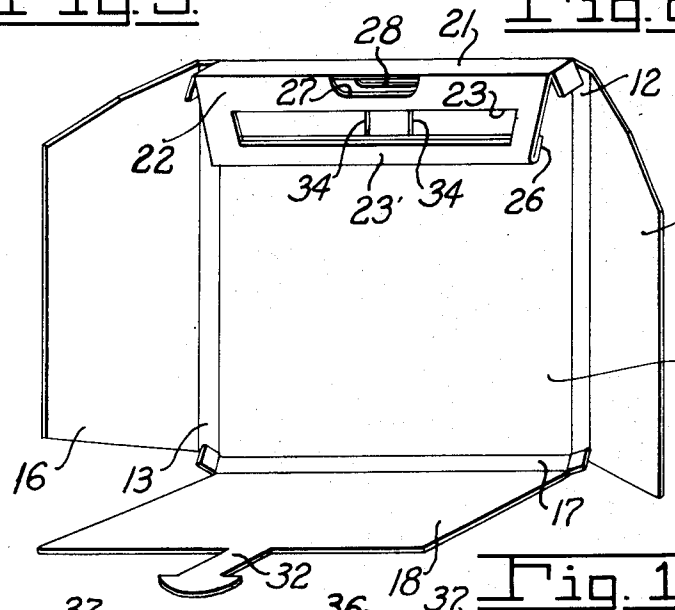


Fig. 1.

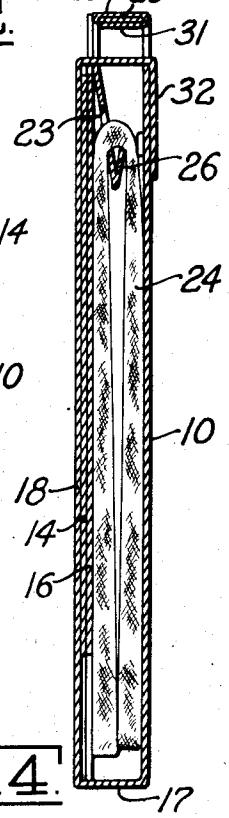


Fig. 4.

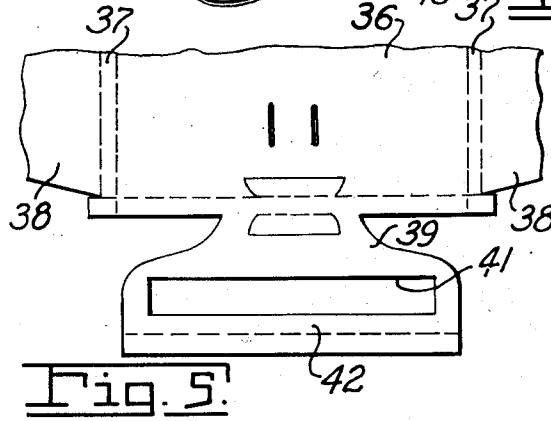


Fig. 5.

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CARTON CONSTRUCTION

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1 Claim. (Cl. 206—7)

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This invention relates to a carton for clothes and the like, and more particularly, relates to a carton having a built-in hanger from which the clothes can be suspended.

An object of this invention is to provide a carton formed from a single sheet and provided with a built-in garment hanger.

A further object of this invention is to provide a carton of this type having a built-in hanger and handle, the handle being formed immediately above the hanger.

The above and other objects and features of the invention will in part be apparent and will in part be obvious from the following detailed description, and the drawing, in which:

Figure 1 is a perspective view of a carton constructed in accordance with an embodiment of this invention, the carton being shown open;

Fig. 2 is a view of the carton in front elevation showing the carton closed;

Fig. 3 is a view of the carton in rear elevation showing the carton closed;

Fig. 4 is a view in section taken along a line IV—IV in Fig. 2; and

Fig. 5 is a fragmentary view showing the upper portion of a carton constructed in accordance with another embodiment of this invention, the carton being shown unfolded and in flattened position.

In the following deetailed description, and the drawing, like reference characters indicate like parts.

As shown in Fig. 1, the carton includes a rectangular back panel 10, side panels 12 and 13 hinged to opposite sides of back panel 10, and side flaps 14 and 16 hinged to outer edges of side panels 12 and 13, respectively. Flaps 14 and 16 fold across the front of back panel 10. A bottom panel 17 is hinged to the lower edge of back panel 10, and a front flap 18 is hinged to the free edge of bottom panel 17. Flap 18 folds flatwise against side flaps 14 and 16 as shown in Fig. 1 to close the front of the carton.

At the top edge of back panel 10 is hinged a top panel 21. The free edge of top panel 21 is hinged to and forms a support for a hanger panel 22. Hanger panel 22 hangs downwardly inside the carton, and is provided with an elongated slot 23 by means of which a garment hanger bar 23' is formed. Trousers 24 (Fig. 4) can be inserted through slot 23 and when so inserted the trousers hang downwardly from bar 23' into the space between back panel 10 and the side flaps 14 and 16. The lower edge of hanger panel 22 is hinged to a return bend

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flap 26 which extends upwardly and rearwardly behind the hanger panel. As shown in Fig. 4, return bend flap 26 diverges slightly from hanger panel 22, and the free edge of return bend flap 22 co-operates with the lower edge of slot 23 for supporting the trousers.

Hanger panel 22 and back panel 10 are provided with aligned openings 27 and 28, respectively, whereby a handle 28' is formed, by which the carton can be carried in upright position. As shown in Fig. 4, the flaps cut from openings 27 and 28 are folded back under top panel 21, as indicated at 29 and 31, to strengthen the underside of panel 21. The flaps 29 and 31 may be joined together and to the underside of top panel 21 by adhesive.

Handle openings 27 and 28 additionally serve to receive a locking tab 32. Tab 32 is hinged to the free edge of front panel 18, and, when the carton is closed, locking tab 32 may be extended through handle openings 27 and 28. The free end of locking tab 32 is provided with teeth 33. The carton may be secured in closed position by teeth 33 that project through slots 34 in back panel 10 when the carton is closed.

In Fig. 5 is shown another form of carton constructed in accordance with this invention. The carton illustrated in Fig. 5 is provided with a back panel 36, side panels 37 and side flaps 38 generally similar in construction to like parts of the carton illustrated in Figs. 1–4 inclusive. The carton of Fig. 5 differs in the construction of hanger panel 39. The hanger panel has a relatively narrow neck at its top but is wider below the neck thereof to accommodate a slot 41 substantially longer than the neck portion of the hanger panel. When the carton of Fig. 5 is in use, hanger panel 39 hangs downwardly inside the carton in the same manner as does the hanger panel of the carton illustrated in Figs. 1–4. However, because of the narrow neck of hanger panel 39, a coat can be hung thereon in addition to a pair of trousers which may be hung on a bar 42 formed by slot 41.

The cartons of this invention can readily be carried in an upright position either by hand or by means of a pole or the like projecting through the handle openings. The built-in hanger insures proper support of the clothes in the carton.

From the foregoing, it will be clear that the cartons illustrated in this application are subject to modification within the spirit and scope of the appended claim.

Having described my invention, what I claim

as new and desire to secure by Letters Patent is:

A carton for carrying clothes, said carton comprising a rectangular back panel, side panels hinged to the side edges of said back panel, a front panel hinged to the lower edge of the back panel, said side panels and front panel when folded to overlie the back panel forming with the back panel a hollow container, a handle panel hinged to the upper edge of the back panel and extending from the back panel to the front panel, a hanger panel hinged to the free edge of the handle panel, there being aligned transverse openings in the back and hanger panels adjacent the handle panel, the portion of the hanger panel below the handle openings having an elongated transverse opening therein by which a hanger bar is formed below the handle opening

and on which a garment may be hung in the carton, a locking flap attached to the upper edge of the front panel and extending through the handle openings, there being a locking slot in the back panel, and a tongue hinged to the locking flap and engageable in said slot to hold the carton closed.

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References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
1,642,529	Appelbaum	Sept. 13, 1927
1,731,996	Appelbaum	Oct. 15, 1929
2,074,477	Kondolf	Mar. 23, 1937