Oct. 17, 1933. E. P. SHERMAN 1,931,329

MARKET BASKET

Filed May 3, 1932

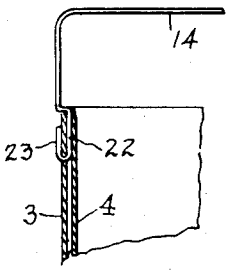


Fig. 8

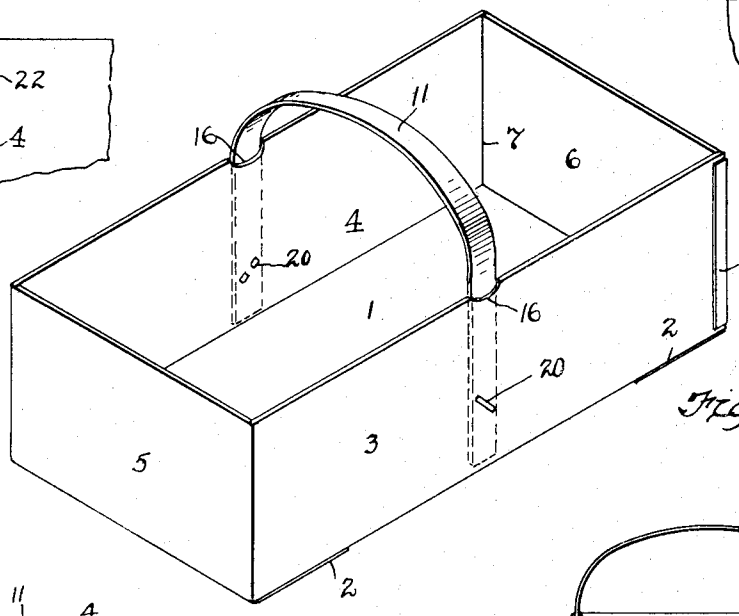


Fig. 1

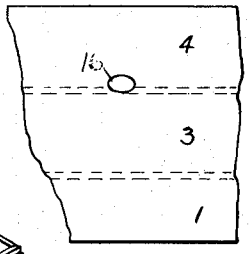


Fig. 2

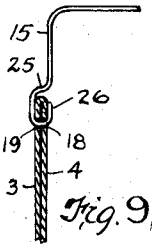


Fig. 9

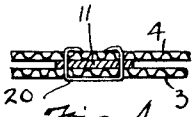


Fig. 4

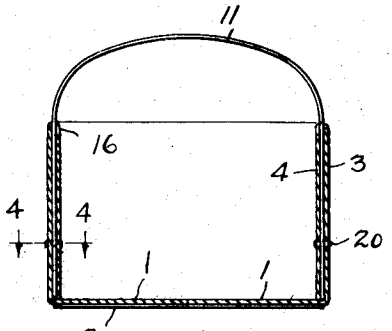


Fig. 3

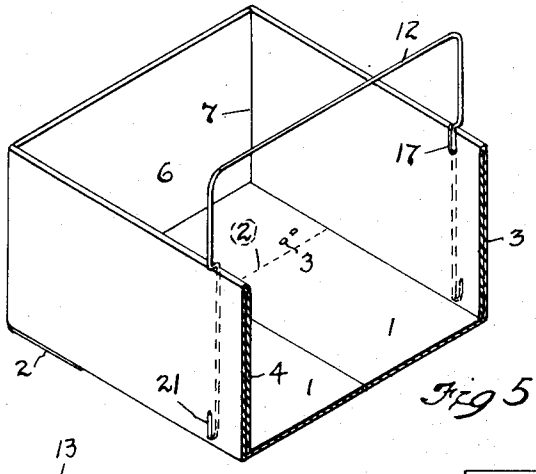


Fig 5

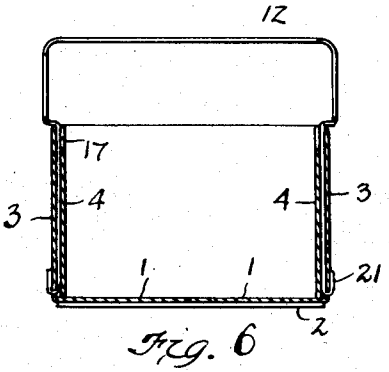


Fig. 6

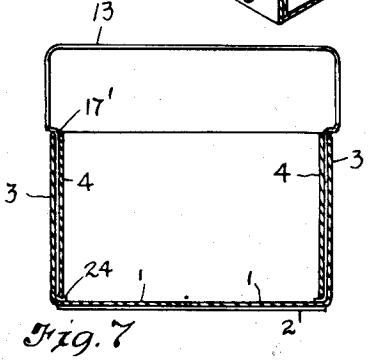


Fig. 7

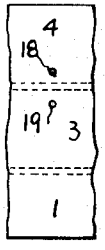


Fig. 10

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UNITED STATES PATENT OFFICE

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MARKET BASKET

Elroy P. Sherman, Ashtabula, Ohio, assignor to The Ashtabula Corrugated Box Company, Ashtabula, Ohio, a corporation of Ohio

Application May 3, 1932. Serial No. 608,940

1 Claim. (Cl. 229—52)

This invention relates to containers of the basket type and particularly aims to provide such container made of corrugated board, with suitable handle attachments. To the accomplishment of the foregoing and related ends, said invention, then, consists of the means hereinafter fully described and particularly pointed out in the claims.

The annexed drawing and the following description set forth in detail certain structure embodying the invention, such disclosed means constituting, however, but one of various structural forms in which the principle of the invention may be used.

In the drawing Fig. 1 is a perspective view showing features of construction of the basket and the method of attaching a wooden handle; Fig. 2 is a fragmentary view of the blank of Fig. 1 unfolded; Fig. 3 is a transverse cross section of Fig. 1 showing in further detail the method of attaching the wooden handle; Fig. 4 is a detail of the handle attaching means, taken on line 4—4 of Fig. 3; Fig. 5 is a perspective showing of one method of attaching a wire handle; Fig. 6 is a transverse section through Fig. 5; Fig. 7 is a transverse section showing another method of attaching a wire handle; Fig. 8 is a fragmentary view in transverse section showing another method of attaching a wire handle; Fig. 9 shows a further modification; and Fig. 10 is a view bearing the same relation to Fig. 9 that Fig. 2 bears to Fig. 1.

The basket body is the same for all forms of construction, the difference lying in the method of attaching the handles.

The body comprises a standard carton construction in which the bottom is conveniently made of two flaps each half the bottom width, as indicated at 1, 1 in the various figures, the ends preferably being folded under as at 2 and riveted as at 3 or otherwise secured so that the inside surface of the bottom is smooth. The sides are turned up as at 3 and down inside as at 4 clear to the bottom and the ends are similarly double, the outside ply being indicated at 5 and the inside ply at 6. The ends are cut to a full width so as to overlap snugly as at 7 against the inner side walls 4, thus holding the inside flaps 4 and 6 in what may be termed a frictional interlocking arrangement. The basket body is preferably cut from a single blank and the only severed corner is secured by a cloth strip 8, or other suitable means. This part of the construction is much like that of standard cartons but has been described here in some detail for its relation to the other features of the invention.

The handle may be either of wood as indicated at 11, Figs. 1 and 3, or of wire in various forms as indicated at 12, 13 and 14. For any form of handle a suitable opening is cut through the side material along the fold between the portions 3 and 4, when the blank is in flat form. For a wooden handle this is preferably a longitudinal elongated opening as 16, while for a wire handle it will preferably be a transverse slot such as 17, Fig. 5, although a simple perforation 17' along the fold may be sufficient. In the form shown in Fig. 9, two holes such as 18, 19, Fig. 10, which register when the side is folded, will be used.

The ends of the wood handle, and of all forms of wire handle, except 15, Fig. 9, go down between the outer and inner sides 3 and 4. The wood handle 11 is secured by through staples 20. The wire handle 12 comes out through the outside 4 and is hooked upwardly at the bottom as at 21. In a modification, shown in Fig. 8 the ends of this handle go down only a short distance, as indicated at 22, and have a similar upward hook 23 near the top of the basket.

A further modification is shown in Fig. 7 where the lower ends of the wire handle 13 are turned inward horizontally as at 24 under the edge of the inner side flap 4.

In Fig. 9 a less rigid construction is shown, in which the wire handle 15 is crimped as at 25 over the top edge of the side and turned up inside as at 26.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the structure herein disclosed, provided the means stated by the following claim or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention:

A basket of fiber board or the like comprising sides, ends, and bottom formed of a single blank, the sides and ends being formed by portions turned upward from the bottom and other portions of equal width turned downward and inward to the bottom, the line of fold between said up and down portions constituting the upper edges of the basket, perforations through the upper side edges, an inverted U-shaped handle having its ends passing downward through said respective perforations and between the inner and outer side portions, the ends of said handle members having laterally projecting portions passing beneath the lower edges of the infolded sides.

ELROY P. SHERMAN.