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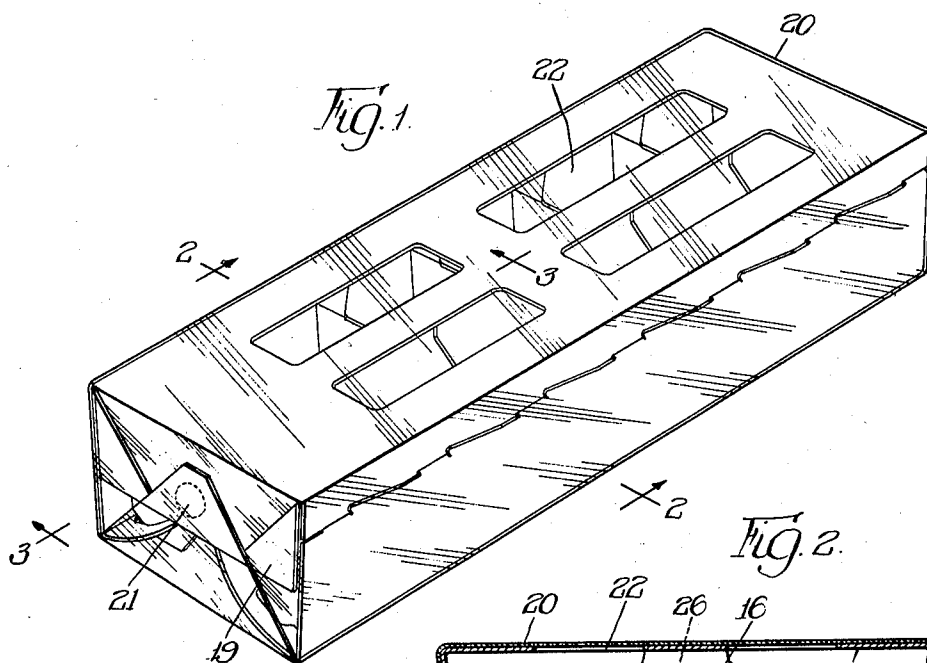
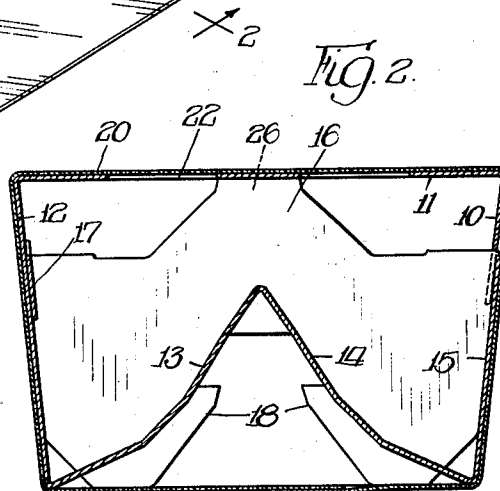
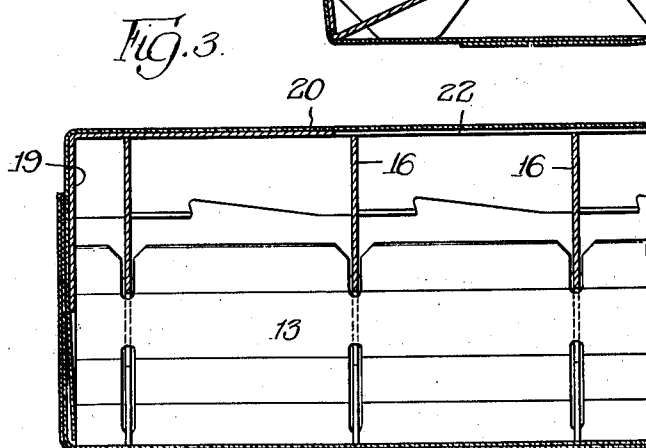
J. E. WALSH

2,091,664

CARTON

Filed Nov. 21, 1935

2 Sheets-Sheet 1



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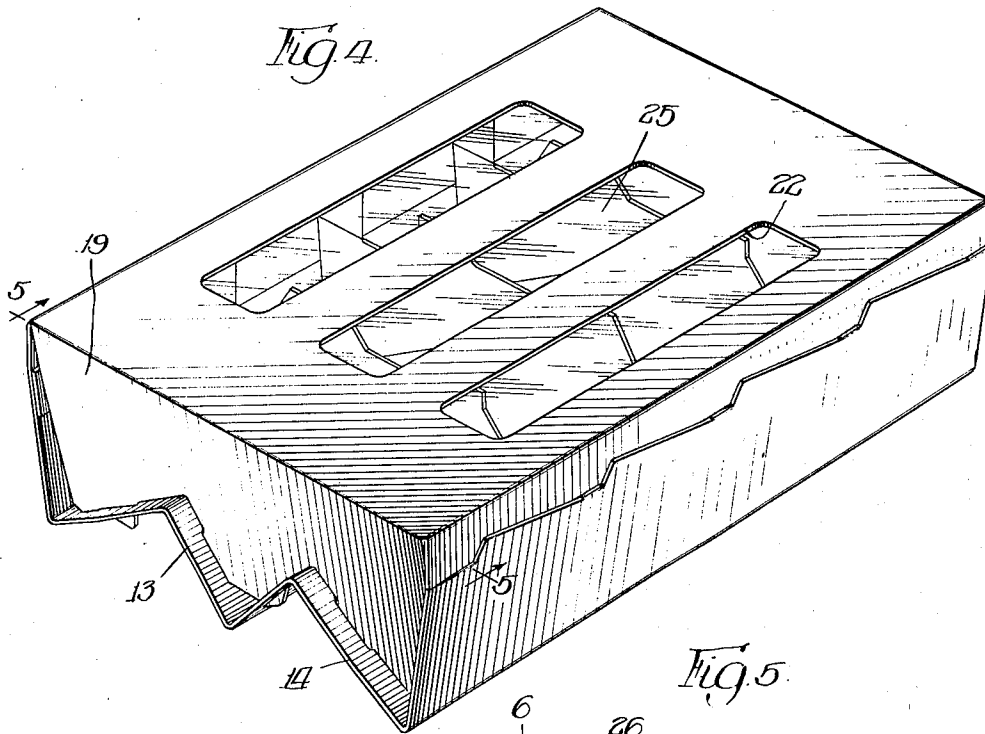
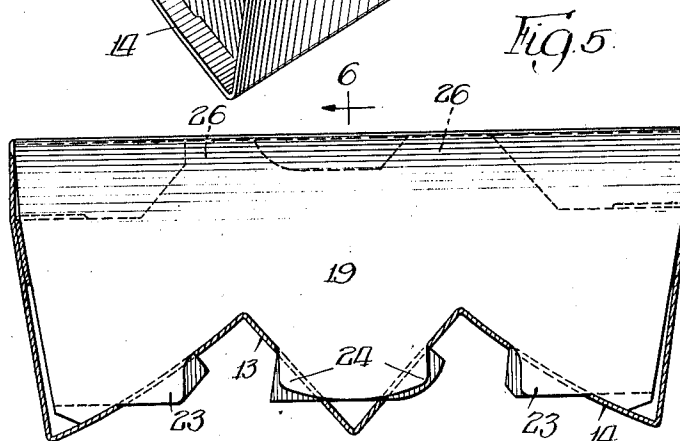
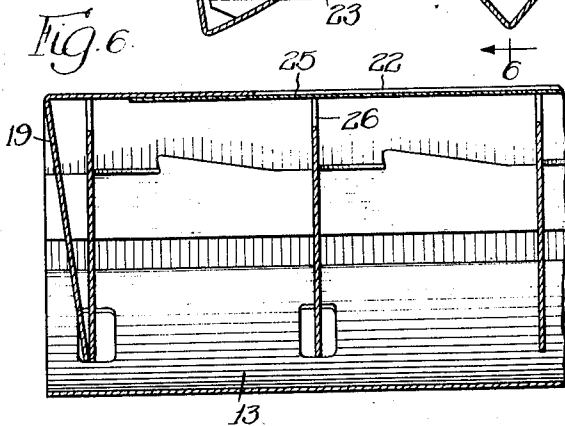
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,091,664

CARTON

John E. Walsh, Chicago, Ill., assignor to Self-Locking Carton Co., Chicago, Ill., a corporation of Illinois

Application November 21, 1935, Serial No. 50,805

2 Claims. (Cl. 229—29)

The present invention pertains to cellular cartons of the type employed in packaging eggs and has particular reference to an improved carton which is desirable for such purposes as providing for the wrapping of the carton in transparent wrapping sheets.

A principal object of the invention is to provide an improved end structure for cellular cartons.

An additional object is the provision of an improved end structure for egg cartons which will permit the wrapping and sealing of the carton.

A still further object is to provide a wrapped and sealed egg carton.

These and other objects will be evident upon a consideration of the following specification and by reference to the accompanying drawings, in which

Fig. 1 is a perspective view of a carton constructed in accordance with my invention and provided with a transparent wrapper through which the contents of the container may be observed;

Fig. 2 is a cross-sectional view taken along line 2—2 of Fig. 1;

Fig. 3 is a fragmentary longitudinal section taken along line 3—3 of Fig. 1;

Fig. 4 is a perspective view of a modified form of the container;

Fig. 5 is a sectional view taken along line 5—5 of Fig. 4; and

Fig. 6 is a fragmentary longitudinal section taken along line 6—6 of Fig. 5.

The carton shown in Figs. 1 to 3 is of the type described in Troyk Patent No. 1,766,155. This carton consists of a cover-locking strip 10, a cover 11, a rear wall 12, a rear bottom and longitudinal partition-forming section 13, a front bottom and longitudinal partition-forming section 14, a front wall 15, cross partitions 16, and an attaching strip 17 folded over and glued to the rear wall. The various elements described are separated from each other by suitable score lines. The bottom and longitudinal partition-forming sections are pressed upwardly along their central portion and suspended to the cross partitions by means of hooks 18. As will be seen in Fig. 3, the end cross partitions are spaced inwardly of the end of the carton, so that the end of the carton presents an irregular structure which makes it difficult to fold over a wrapping material.

In accordance with my invention, the top 11 of the carton is provided with an extension 19 on each of its ends and when the carton is erected these partitions are rotated downwardly into vertical position. In such position the lower por-

tion of the end sections engage the bottom and longitudinal partition-forming sections 13 and 14, thereby providing a brace whereby it is possible to produce a spot seal.

The erected container may be filled with eggs and a transparent cellulose wrapper 20 such as the product known as "Cellophane" is wrapped about the container. A conventional end fold then is provided in the ends of the transparent wrapper which extend beyond the ends of the carton and a spot attachment indicated at 21 is employed to secure the end section in sealed condition. It will be observed that the spot 21 occurs over the end extensions 19 and these extensions are pressed during the sealing operation against the edges of the bottom and longitudinal partition-forming sections.

It is preferred that the top 11 of the carton be provided with suitable openings as shown at 22, whereby the contents of the carton may be observed.

In the embodiment of the invention shown in Figs. 4 to 6, a carton of substantially the same structure is provided except that the carton is of the so called 3×4 dimensions. The bottom section is formed to two inverted V-shaped members joined at their central portion and suspended to the cross partitions by suitable hooks and slots. In this embodiment of the invention the end sections 19 are of substantially the same shape as the cross partitions and are provided with outer projections 23 and inner projections 24 extending through the openings in the sections 13 and 14, which receive the projections on the cross partitions. In this manner, the end section of the carton is braced and the entire carton is made considerably more rigid. Also, the sections 19 are sufficiently close to the end of the container to provide a suitable seat for performing a sealing operation in case the container is wrapped with a transparent wrapper. As shown in the drawings, the modified form of the container is provided with openings 22 which are covered by a sheet 25 of transparent cellulose sheeting. The openings 22 in the transparent member 25 afford observation of the contents of the package, and the end members 19 constitute a brace by which the top or cover of the carton is adequately supported. The projections 26 on the tops of the cross partitions engage the cover member between the openings 22 and form a further support for the cover without obstructing the view of the contents. In the embodiment of the invention shown in Figs. 1 to 3 there is a single projection 26, and this projection acts in the same manner

by supporting the cover between adjacent openings 22.

It will be understood that the structure shown and described herein is subject to change without departing from the scope of the invention and such changes are intended to be included in the appended claims.

I claim:

1. A cellular carton of the type employed in packaging fragile articles such as eggs, comprising front and rear walls, cross partitions extending between and attached to said walls, a bottom joining said lower portion of said walls, a cover for the carton, end extensions on the cover folded downwardly adjacent the ends of the carton, said cover having openings therein, a transparent wrapper folded about said carton and be-

ing sealed adjacent said end extensions, and projections on said cross partitions engaging said cover between the openings therein.

2. A cellular carton of the type employed in packaging fragile articles such as eggs, comprising front and rear walls, cross partitions extending between and attached to said walls, a bottom member joining the lower portions of said wall and being drawn upwardly in its central portion into an inverted V-shape, said bottom having openings therein for receiving portions of said cross partitions, a cover for the carton, and end extensions on the cover folded downwardly and secured in the openings in said bottom.

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