

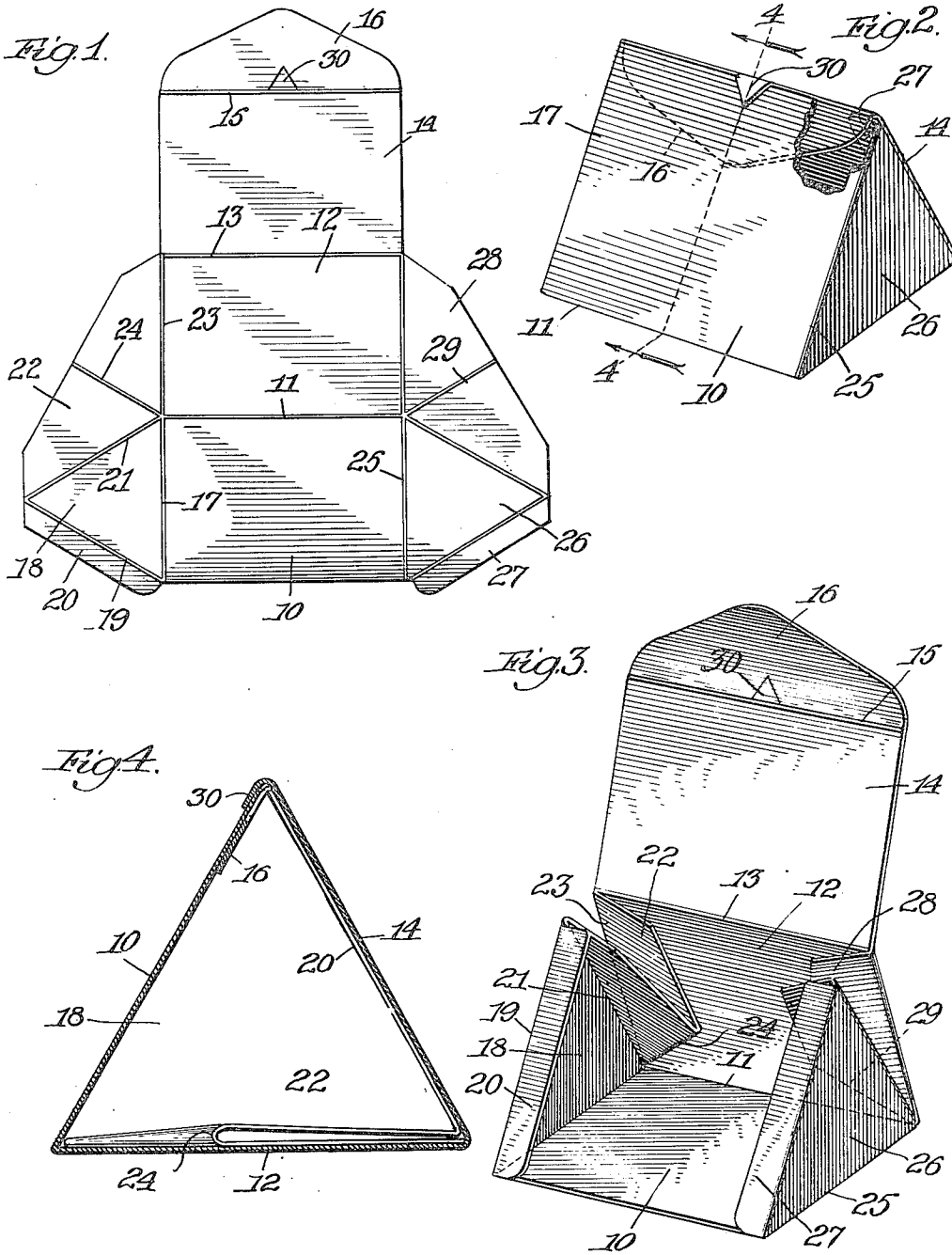
May 23, 1944.

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2,349,589

CARTON

Filed March 25, 1942



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UNITED STATES PATENT OFFICE

2,349,589

CARTON

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Application March 25, 1942, Serial No. 436,176

2 Claims. (Cl. 229—22)

This invention relates to a carton and more particularly to a carton of triangular cross-section suitable for packing butter in triangular blocks and other materials having such form.

It is especially desirable in the packaging of the butter and other products of this nature to provide a carton which gives as great support as possible yet at the same time it is necessary that the carton be extremely simple of construction and capable of being manufactured in large quantities at small expense. It is also desirable that the carton be opened with great ease and that it be provided with a closing means which is effective but yet which can be released very easily. A particular object of the invention is to provide a carton which can be opened at one movement, exposing the contents for inspection and use.

I have attained the above objects by providing a triangular shaped package, a preferred embodiment of which is set forth in the following detailed description taken with the accompanying drawing in which:

Fig. 1 is a view of the carton in blank and in the shape that it is cut from stock;

Fig. 2 is a perspective view of the carton in closed condition;

Fig. 3 is a perspective view of the carton in partly open condition; and

Fig. 4 is a cross-sectional view of the carton taken as seen from line 4—4 of Figure 2.

The carton may be cut from stock in the form shown in Fig. 1. Referring particularly to this figure, the blank form includes face 10 of rectangular shape which may be called the base face. Attached to the side of face 10 along line of fold 11 is the face 12 of rectangular form, and attached to the side of face 12 along line of fold 13 is the face 14 also of rectangular form. Attached to face 14 along line of fold 15 is the flap 16.

Attached to the face 10 along one end edge 17 is the end member 18. The end member 18 is, as here illustrated, in the form of an equilateral triangle. Connected along edge 19 of this member is the flap 20. Connected to the other edge 21 of the end member is one edge of the web member 22. Another edge of web member 22 is connected along line of fold 23 with the face 12, and at its middle portion it contains the line of fold 24.

The other end edge of the base space 10 is connected with the end member 26 at line of fold 25. This end 26 is also provided with a flap 27 corresponding with flap 20, and is connected with the web member 28 which corresponds with the web member 22.

In closing the carton, the contents, which may be for example a triangular block of butter, is placed on the base face 10; the end members 18 and 26 are then turned upwardly of lines of folds 17 and 25 respectively so as to bring these ends into transverse position with respect to the face 10; the flaps 20 and 27 are then folded inwardly; and the faces 12 and 14 folded about the ends to close the carton. The faces 12 and 14 and the flap 16 may be considered as a cover for the carton. As the cover is brought around the ends of the carton, the web members are each folded inwardly about the lines of fold 24 and 29 respectively in the manner more clearly shown in Figure 3 of the drawing.

As the face 14 is brought forward into position in front of the flaps 20 and 27 the flap 16 is tucked behind the ends of flaps 20 and 27 and is disposed just inside the base face 10. Thus the engagement of flap 16 with the ends of flaps 20 and 27 serves in itself to hold the cover in closed condition. Also it will be apparent that flap 16 is held through its engagement between the face 10 and the carton contents.

An additional feature of the improved carton is the provision of the second flap 30 which is secured along the line of fold 15. Conveniently this small flap may be formed by cutting the same from the material of flap 16. When the carton is closed this second flap 30 is not tucked under the base side 10 as was just described in connection with the larger flap 16, but is left to project on the exterior of the carton.

The person who opens the improved package may merely grasp the secondary tab 30 which conveniently projects on the exterior of the carton and the pull upwardly, only one hand being required for this movement. This automatically causes the flap 16 to be removed from beneath the face 10 and the carton can be opened as indicated in Fig. 3, finally exposing the contents completely or at least the two sides which were covered by faces 12 and 14. The end members 18 and 26 may be then folded sidewise to completely expose the contents of the carton on all sides except the side on which it is resting.

The improved carton is also easy to reclose when part of the contents have been used or removed.

An important feature of the invention is the means for maintaining the end members 18 and 26 in their transverse position when the cover of the carton is closed about them. It will be observed that with the web sections 22 and 28 in folded position when the carton is closed, the

end members 10 and 26 are firmly anchored with respect to the face 12 so that they cannot move either inwardly or outwardly about their lines of fold 17 and 25. In this way the end members are maintained in strict position until it is desired to open the carton.

The foregoing detailed description has been given for purposes of explanation only, and it is contemplated that various changes and modifications may be made in the described structure without in any way departing from the spirit of the invention.

What I claim as new and desire to secure by Letters Patent is:

1. A carton comprising a base face, a pair of triangular ends each having its one edge connected by line of fold with an end edge of said face, a cover including the second and third faces of the carton and being foldable about said ends to close the carton, said second and third faces being joined at a line of fold and a pair of web sections each connecting an edge of an end with

an end edge of said second face, said web sections being foldable inwardly and effective to maintain said ends in fixed annular position with respect to said faces, said ends cover and webs being foldable from a single sheet about said lines of fold to form a closed carton.

2. A carton comprising a base face, a pair of triangular ends each having its one edge connected by line of fold with an end edge of said face, a second face connected by line of fold to said base face, a third face connected by line of fold to said second face, and a pair of web sections each connecting an edge of an end with an end edge of said second face, said web sections being foldable inwardly and effective to maintain said ends in fixed position with respect to said faces, said second and third faces being foldable about said lines of fold to open and close the carton, said ends faces and webs being foldable from a single sheet about said lines of fold to form a closed carton.

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