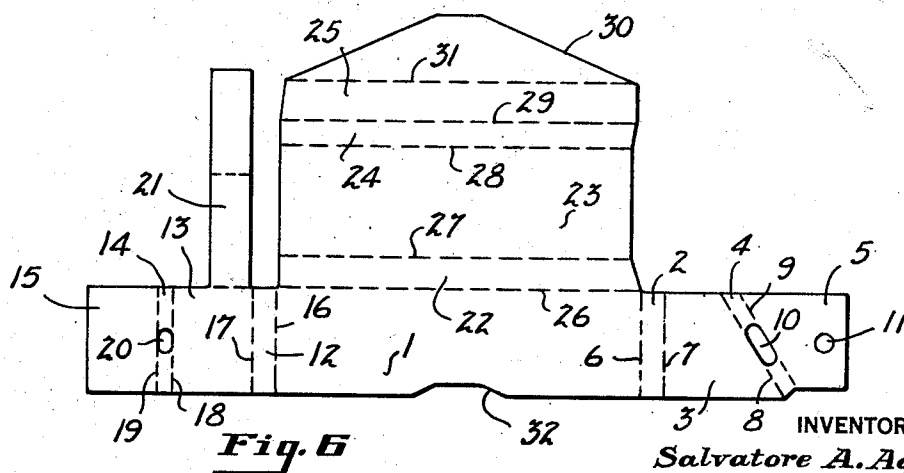
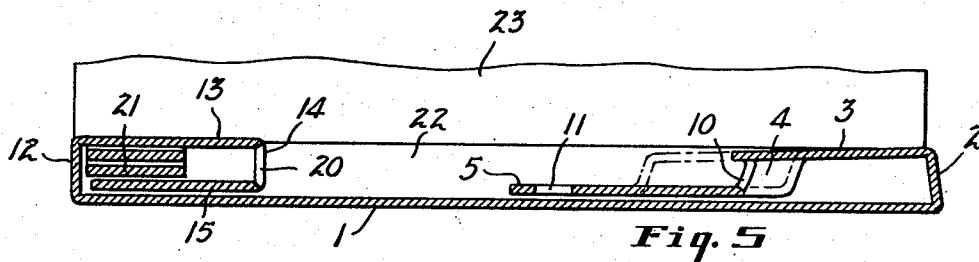
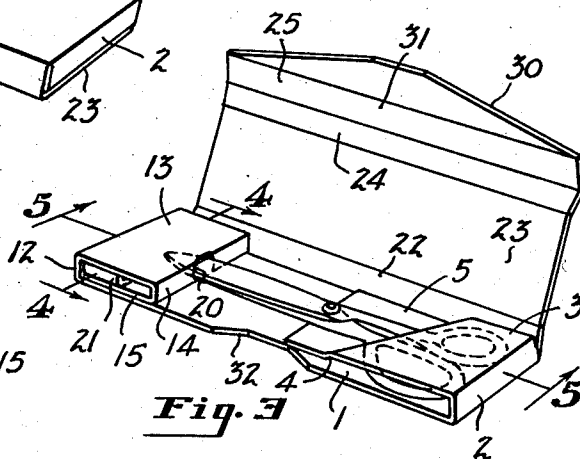
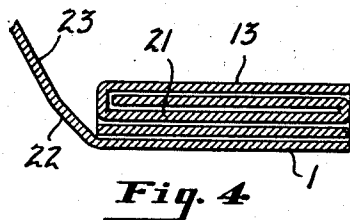
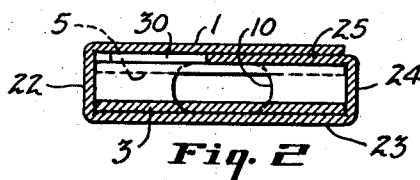
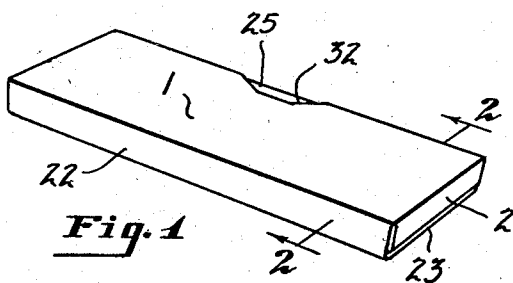


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S. A. AQUINO
PAPERBOARD SHIPPING CARTON FOR INDIVIDUAL
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PAPERBOARD SHIPPING CARTON FOR INDIVIDUAL ARTICLES SUCH AS SCISSORS

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3 Claims. (Cl. 206—46)

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This invention relates to paperboard shipping cartons for individual pairs of scissors or similar articles and particularly to a carton formed by folding a one-piece blank about fold lines formed therein and provided with apertured portions to receive and retain the article.

The carton is formed from a blank that has a portion foldable to provide an article holder and a portion foldable to provide a wrapper. The article holder includes the bottom and end walls of the carton and article retainers overlying the bottom wall at each end thereof. The retainers are integral with the end walls and the end walls and retainers are extensions of the bottom wall. The end extensions are hingedly connected to the bottom wall by means of fold lines and each is composed of sections hingedly connected by transverse fold lines. The end extensions of the bottom wall are provided with suitable article receiving openings and are foldable upon the article to retain the same in a position overlying the bottom wall. The wrapper is a lateral extension of the bottom wall hinged thereto by a fold line along the rear side edge of the bottom wall and having spaced fold lines parallel to said rear edge that provide a rear wall, a top wall, a front wall and a locking flap that overlies the bottom wall beneath the article retainers.

Objects of the invention are to provide a shipping carton that can be quickly and easily wrapped about a pair of scissors or other article, that firmly secures the article to a wall of the container and that is self locking.

Reference should be had to the accompanying drawings forming a part of this specification in which:

Figure 1 is a perspective view of the container, bottom up;

Fig. 2 is a transverse section through the container taken on the line indicated at 2—2 in Fig. 1;

Fig. 3 is a perspective view of the container with the wrapper in open position and the scissors in place in its holder;

Fig. 4 is a transverse section on the line indicated at 4—4 in Fig. 3;

Fig. 5 is a longitudinal section taken on the line indicated at 5—5 in Fig. 3; and

Fig. 6 is a plan view of the blank from which the carton is formed.

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The carton of the present invention has a bottom wall 1 that is provided with end extensions for engagement with the article. One of the extensions includes an end wall 2 and a handle retainer that comprises a top portion 3, a partition portion 4 and an end flap 5. The end wall 2 is formed by a portion of the blank between parallel fold lines 6 and 7, the fold line 6 being at an end of the bottom 1 and the fold line 7 being spaced from the fold line 6 a distance corresponding to the height of the end wall. The partition 4 is formed by parallel transverse fold lines 8 and 9 that may be diagonally disposed to conform to the scissors handle. The spacing of the fold lines 8 and 9 determines the height of the partition 4 and an opening 10 is provided in the partition 4 to receive the scissors. A flap 5 may be provided with a hole 11 to receive the scissors pivot.

At the opposite end of the bottom wall 1 there is an extension which provides an end wall 12 and a retainer having a top portion 13, a partition portion 14 and an end flap 15. The end wall 12 is formed between parallel fold lines 16 and 17 and the partition 14 is formed between fold lines 18 and 19 which may be disposed at right angles to the side edges of the extension. The partition 14 has a central aperture 20 to receive the scissors points and the top portion 13 of the retainer may have a lateral extension 21 that is adapted to be folded as shown in Figs. 3 and 4 to provide a stop with which the points of the scissor blades engage. Where the scissor points are blunt or where the scissors has a projecting pivot engageable with the hole 11, the stop member 21 may be omitted.

In assembling the package the blade portion of the scissors is passed outwardly through the opening 10 and the retaining portions 2, 3 and 5 are folded inwardly over the bottom wall to dispose the scissors handle beneath the top portion 3 and the flap 5 on the bottom 1 inwardly of the partition 4 as shown in Fig. 2. The extension at the opposite end of the bottom 1 is then folded to dispose the wall 12 in vertical position and the retainer in position over the points of the scissors blades, as shown in Fig. 2, the flap 15 preferably being bent inwardly toward the wall 12 as shown in Fig. 4.

The scissors assembled in the holder as shown in Fig. 2 is held in fixed position with respect to

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the bottom wall 1. The wrapper, which is a lateral extension of the bottom 1, comprises a back wall 22, a top wall 23, a front wall 24 and a locking flap 25. The back wall 22 is formed between fold lines 26 and 27, the fold line 26 being at the rear edge of the bottom 1 and the fold line 27 being spaced therefrom a distance corresponding to the height of the container. The top wall lies between the fold line 27 and a fold line 28 parallel thereto and spaced therefrom a distance corresponding to the width of the bottom wall 1. The front wall 24 is formed between the fold line 28 and the parallel fold line 29 that is spaced from the fold line 28 a distance slightly less than the spacing of the fold line 27 from the fold line 26.

The wrapper folds about the rear, top and front of the article holder and the flap 25 centers between the bottom wall 1 and the end flaps 5 and 15 of the article retainers. The width of the flap 25 at the center is preferably substantially the same as the width of the bottom wall 1 and, to facilitate entry of the flap between the bottom wall 1 and the flaps 5 and 15, the edge 30 of the locking flap may be tapered from the ends thereof toward the center and an intermediate fold line 31 may be provided between the fold line 29 and the edge of the flap 25 to further facilitate the entry of the flap into the container. To facilitate opening of the carton, the bottom wall may be provided with a central finger notch 32 which enables the wrapper to be grasped to withdraw the locking flap 25 from the container.

The wide locking flap securely holds the wrapper against accidental opening, making it unnecessary to provide any fastening for the wrapper. The wrapper can be quickly and easily opened for inspection of the contents without danger of releasing the article.

It is to be understood that in accordance with the provisions of the patent statutes, variations and modifications of the specific devices herein shown and described may be made without departing from the spirit of the invention.

What I claim is:

1. A package comprising a single pair of scissors and a one piece paperboard carton that has top, bottom, front, rear and end walls and that comprises a holder and a wrapper for said pair of scissors, said holder comprising the bottom and end walls of the container, a handle retainer integral with one end wall and a blade retainer integral with the other end wall, each end wall being an extension of said bottom wall and hinged at its bottom and top edges to said bottom wall and to its retainer, said end walls being of a height but slightly greater than the thickness of said pair of scissors, said handle retainer having a top portion extending inwardly from the top edge of the end wall to which it is attached, a diagonally disposed partition portion and an end flap resting on the bottom wall and extending from the lower edge of said partition portion toward the opposite end of the container, said partition being spaced from the adjacent end wall and providing a chamber in which the handgrip end of said pair of scissors is positioned and having an opening through which the body portion of said pair of scissors extends, said blade retainer having a top portion extending inwardly from the end wall to which it is attached, a partition portion having an opening in which the blades of said pair of scissors are positioned and a flap portion engaging said

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bottom wall, said wrapper being joined to said bottom wall along its rear side edge and having transverse fold lines parallel to said edge and spaced apart to provide a rear wall, a top wall, a front wall and a locking flap, said wrapper extending around the rear, top and front of said retainers with said top wall contacting the top portions of said retainers and a locking flap disposed between the end flaps of said retainers and said bottom wall, said locking flap extending substantially across said bottom wall, a substantial portion thereof being of a length to fit between the end walls and being provided with a fold line parallel to the other fold lines of the wrapper to facilitate its entry between the bottom wall and said retainer flaps.

2. A one piece paperboard scissors carton that has top, bottom, front, rear and end walls and that comprises a scissors holder and a wrapper, said scissors holder comprising the bottom and end walls of the container, a handle retainer integral with one end wall and a blade retainer integral with the other end wall, each end wall being an extension of said bottom wall and hinged at its bottom and top edges to said bottom wall and to its retainer, said handle retainer having a top portion extending inwardly from the top edge of the end wall to which it is attached, a diagonally disposed partition portion and an end flap resting on the bottom wall and extending from the lower edge of said partition portion toward the opposite end of the container, said partition being spaced from the adjacent end wall to provide a chamber to receive the handgrip end of the scissors and having an opening to receive the scissors body, said blade retainer having a top portion extending inwardly from the end wall to which it is attached, a partition portion having an opening to receive the scissors blades and a flap portion engaging said bottom wall, said wrapper being joined to said bottom wall along its rear side edge and having transverse fold lines parallel to said edge and spaced apart to provide a rear wall, a top wall, a front wall and a locking flap, said wrapper extending around the rear, top and front of said retainers with said top wall contacting the top portions of said retainers and said locking flap disposed between the end flaps of said retainers and said bottom wall, the blade retainer having a blade engaging stop comprising superposed paperboard layers within said blade retainer, said stop being integral with the top portion of said retainer and formed by an elongated lateral extension hinged to a side edge of said top portion and folded upon itself and inwardly against the under face of said top portion.

3. A one piece paperboard scissors carton that has top, bottom, front, rear and end walls and that comprises a scissors holder and a wrapper, said scissors holder comprising the bottom and end walls of the container, a handle retainer integral with one end wall and a blade retainer integral with the other end wall, each end wall being an extension of said bottom wall and hinged at its bottom and top edges to said bottom wall and to its retainer, said handle retainer having a top portion extending inwardly from the top edge of the end wall to which it is attached, a diagonally disposed partition portion and an end flap resting on the bottom wall and extending from the lower edge of said partition portion toward the opposite end of the container, said partition being spaced from the adjacent end wall to provide a chamber to receive the hand-

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grip end of the scissors and having an opening to receive the scissors body, said blade retainer having a top portion extending inwardly from the end wall to which it is attached, a partition portion having an opening to receive the scissors blades and a flap portion engaging said bottom wall, said wrapper being joined to said bottom wall along its rear side edge and having transverse fold lines parallel to said edge and spaced apart to provide a rear wall, a top wall, a front wall and a locking flap, said wrapper extending around the rear, top and front of said retainers with said top wall contacting the top portions of said retainers and said locking flap disposed between the end flaps of said retainers 15

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and said bottom wall, the end flap of the handle retainer being provided with an opening positioned to receive the scissors blade pivot.

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