March 12, 1963 P. SANDERS 3,081,012

PACKAGE FOR TIES AND THE LIKE

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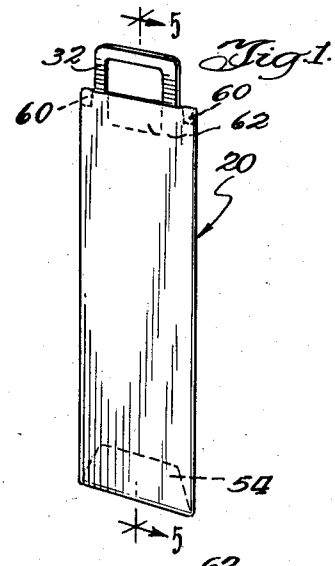


Fig. 1.

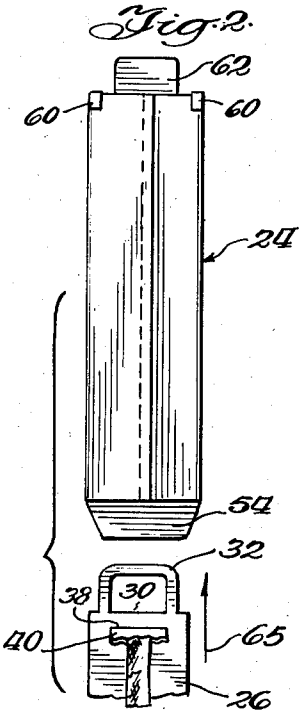


Fig. 2.

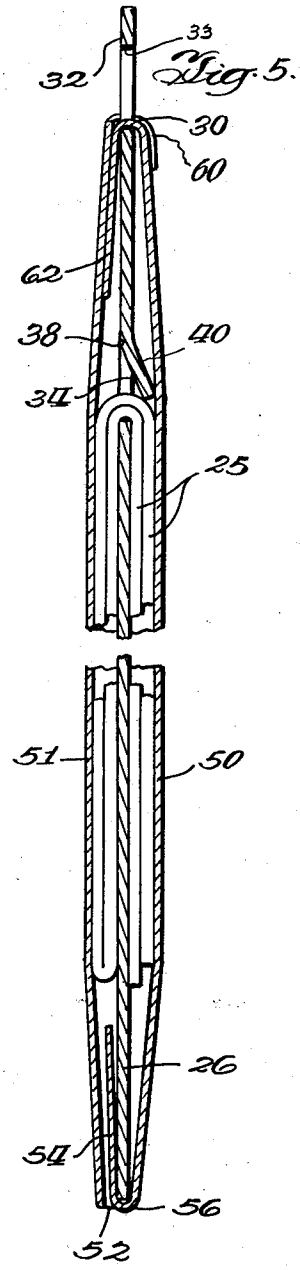


Fig. 5.

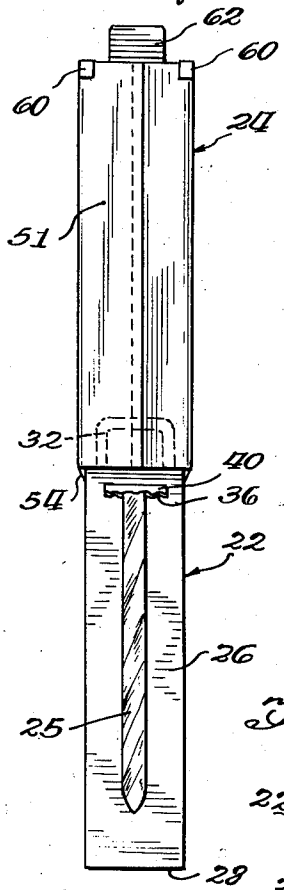


Fig. 3.

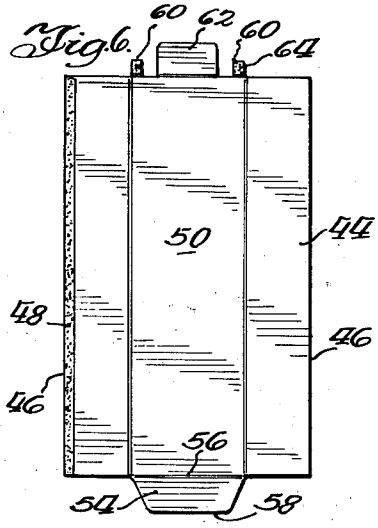


Fig. 6.

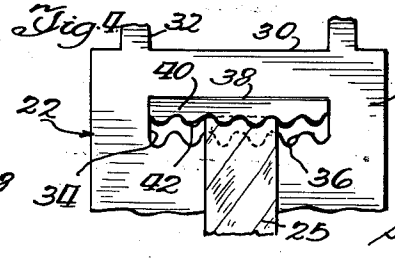


Fig. 4.

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Fig. 7.

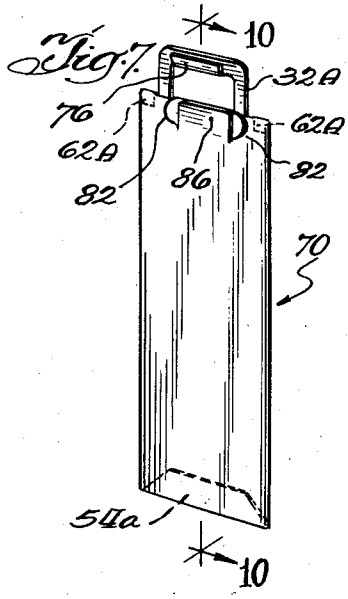


Fig. 8.

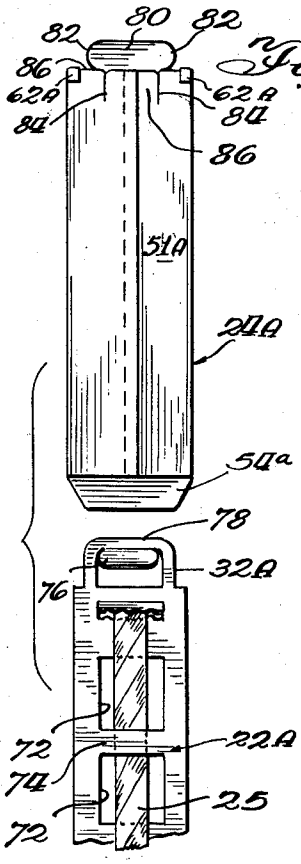


Fig. 10.

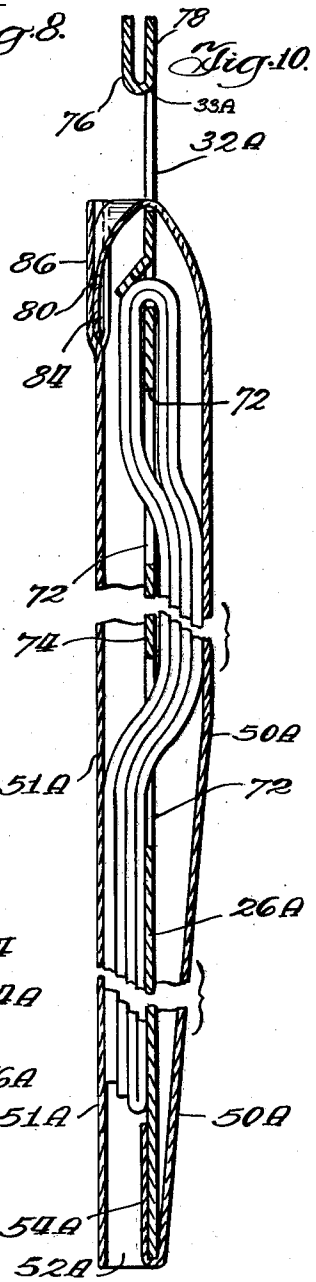


Fig. 9.

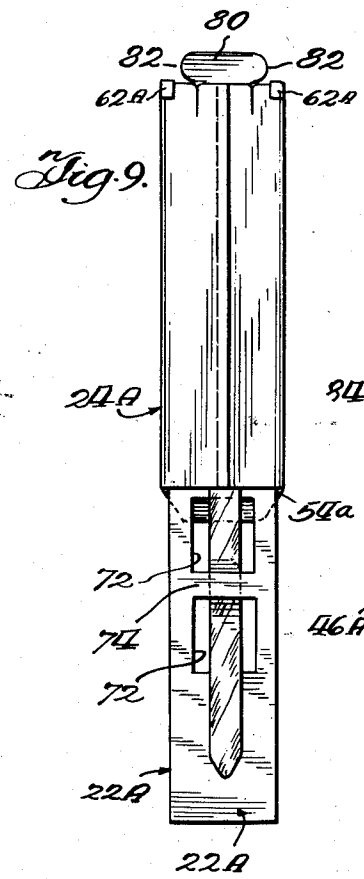
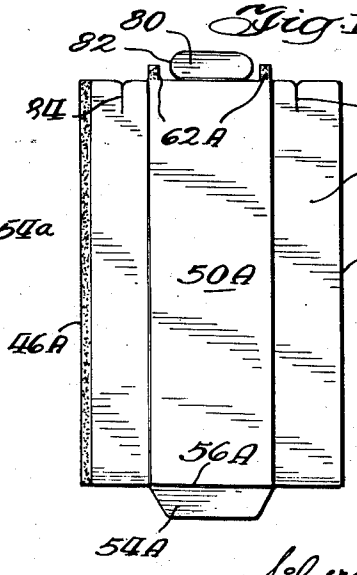


Fig. 11.



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3,081,012
PACKAGE FOR TIES AND THE LIKE

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9 Claims. (Cl. 224—45)

This invention relates generally to the art of packaging and more particularly, relates to a novel package device for ties, cravats and the like, especially adapted for packaging such articles for customers after sale thereof.

Packaging of such articles as ties, cravats, and the like for customers to take with them after purchase thereof is an important consideration in retail sales establishments. Such articles are sold individually or in multiple numbers and must be suitably wrapped or packaged so that the customer can carry it away with him. Various packaging devices for such articles include paper sacks, flat boxes and folding cartons, all of which have been less than satisfactory. Although paper sacks are economical, the folded tie is subject to wrinking during transport therein. Boxes and cartons are relatively expensive and require time on the part of the sales personnel to package the article therein, such as wrapping, securing with string or adhesive tape and the like. In addition, boxes and cartons occupy considerable volumes of storage space which can become a relatively expensive factor.

Accordingly, it is a major object of the invention to provide a package device of the character described especially adapted for use in retail establishments so as to enable the foregoing disadvantages to be substantially eliminated.

An important object of the invention is to provide a package device of the character described comprising, a flat carrier member of sheet material having means for holding a tie, cravat or the like article thereon and a bag or cover of suitable size to permit insertion thereinto of the carrier member with said article thereon, said bag or cover having means at opposite ends thereof for locking said carrier member therein which does not require any fasteners, adhesives or the like for achieving said locking functions thereof.

Another object of the invention is to provide a package device of the character described in which said locking means comprise flap members hingedly connected at opposite ends of the bag or cover adapted to be folded and unfolded selectively for locking and releasing the carrier.

Another object of the invention is to provide a package device of the character described in which said carrier and bag are made available ready for use to store such articles without additional operations required thereon and the carrier can be inserted into the bag using a straight linear movement while the bag is in a horizontally arranged position.

Other objects of the invention are to provide a package device as described in which said carrier has a transverse slot for hanging the article therein and said slot has novel means for preventing the article from coming loose therefrom while the package device is being carried; in which said carrier has a novel handle portion extending outwardly of the bag for carrying said device; and which carrier is suitable for holding more than one article.

Furthermore, the invention provides a novel package as described which is economical to manufacture, which is compact and therefore economical to store until used, which is simple and convenient to use in retail establishments and which is sturdy and durable.

The foregoing and other objects to the invention will become apparent from the ensuing disclosure in which a preferred embodiment has been described in detail in the specification and illustrated in the accompanying drawings. It is contemplated that minor variations in the size, construction, arrangement and propertions of the several parts thereof may occur to the skilled artisan without departing from the scope or sacrificing any of the advantages thereof.

In the drawings, where the same characters of reference have been employed to identify the same or equivalent parts of the invention throughout the several figures thereof:

FIG. 1 is a perspective view of the package device embodying the invention completely assembled with an article packaged therein.

FIG. 2 is a plan view of the bag or cover of said package device prior to assembly of the package and a partial plan view of the carrier of said device in position to be inserted in the bag.

FIG. 3 is a plan view showing the carrier partially inserted in said bag or carrier for completing assembly of the device.

FIG. 4 is a fragmentary plan view of the carrier showing the slot and means associated therewith for holding a tie therein.

FIG. 5 is a sectional view taken through said device along the line 5—5 of FIG. 1 and in the general direction indicated.

FIG. 6 is a plan view of the blank from which said bag or cover is formed.

FIG. 7 is a perspective view of a modified form of the package device assembled.

FIG. 8 is a plan view showing the bag or cover and a portion of the carrier of said modified form of package device, the carrier being in position for insertion into said bag or cover.

FIG. 9 is a plan view showing the carrier partially inserted in the bag to form said device of FIG. 7.

FIG. 10 is a sectional view taken through the package device along the line 10—10 of FIG. 7 and in the general direction indicated.

FIG. 11 is a plan view of the blank from which the bag or cover of the device of FIG. 7 is formed.

Referring now to the drawings, in FIG. 1 the reference character 20 designates generally the package device embodying the invention in one embodiment thereof. Said device 20 is comprised of a carrier 22 and a bag or cover 24 adapted to be assembled together for packaging therein a tie 25, for instance. The carrier 22 and bag 24 are formed separately and with cooperating structural features which enable the packaging device 20 to be assembled.

The carrier 22 comprises an elongate, substantially rectangular panel 26 which is made from paperboard or other relatively inexpensive sheet material having suitable rigidity and flexibility for the functions thereof hereinafter described. For purposes of description, the end 28 will be considered the bottom end and end 30 will be considered the top end of said panel 26. Secured to the upper end 30 is a handle 32 co-planar with panel 26, the handle 32 being of inverted U-shaped configuration narrower than the panel 26 and protruding from said end 30. The handle 32 preferably is formed integral with panel 26 by means of a simple die-stamping technique with a stamping out of the carrier 22, for instance, from a continuous web of sheet material passed through a high speed power press. The handle 32 has a passageway 33 therethrough and is medially located along edge 30.

Inwardly spaced from the top end 30 is a transverse slot 34, the slot being shorter than the width of panel 26. Slot 34 is rectangular in shape having a bottom edge 36 and a top edge 38 to which is hingedly connected the elongate flap 40. The slot 34 is formed by cutting the panel 26 along said edge 36 and the opposite end

edges of the slot to leave flap 40 connected along the edge 38 which also comprises a line of fold about which the flap is pivotal. Preferably, when severing the panel along edge 36, edge 36 is rippled or corrugated along its length and the corresponding edge 42 of the flap 40 likewise is rippled and corrugated.

The bag 24 also is of elongate, rectangular configuration for accommodating panel 26 therein. The bag 24 is formed from a sheet 44 of pulp or other inexpensive, thin and flexible material by folding the sheet 44 upon itself and overlapping and securing the marginal edges 46 by adhesive 48, for instance. The bottom edges of the facing side walls 50 and 51 of the bag are separated along their respective lengths so the entire bottom end 52 of the bag is open, as seen in FIG. 5. The side wall 50 has a flap 54 connected along fold line 56 coextensive with the bottom edge of said side wall 50, the flap 56 being slightly tapered toward its free edge 58, as seen in FIG. 6.

At its top edge, the side wall 50 has a pair of spaced apart tabs 60 integral therewith, the tabs being located adjacent corners of said side wall 50. Intermediate said tabs 60 is a rectangular flap 62, the width of which is less than the distance between said tabs 60. The flap 62 also is integral with the upper edge of the side wall 50. The flap 60 is narrower than distance between the parallel legs of handle 32. In forming the bag 24, the tabs 60 are folded over upon the side wall 51 and secured thereto, as by adhesive 64, the tabs being secured in place as seen in FIG. 3. The upper edges of side walls 50 and 51 between tabs 60 are separated so that the bag has an open upper end narrower than the width of the bag.

The bag 24 is slightly wider than the panel 26 and approximately equal in length to the length of the panel so that the panel 26 can be accommodated in the interior of the bag. The bags 24 and carriers 22 can be stacked separately in a retail establishment for use as follows:

One end of tie 25 is inserted in the slot 34 and the tie drawn through the slot for about one-half its length so that the tie will hang on the edge 36 of the slot and on opposite sides of panel 26. The flap 40 is then pivoted inwardly toward the tie to engage edge 42 of the flap against the fold of the tie. With the tie 25 in place on the carrier, the carrier 22 is inserted into the bag through the open bottom end 52 thereof in the direction of the arrow 65 of FIG. 2. As seen in FIGS. 2 and 3, the carrier 22 is inserted handle end first and slid forward the upper end of the bag until the handle 32 passes outwardly of the bag through the opening between tabs 60. The flap 54 is folded into the interior of the bag between panel 26 and side 51 and overlying bottom edge 28 of said panel. The flap 62 is folded through the opening 33 of handle 32 into the bag between tabs 60 to a position between panel 26 and side 51 and thereby closing the upper end of the bag and locking the carrier 22 inside the bag. The device 20 can then be carried by the handle 32 with tie 25 supported in the slot 32. In FIG. 5, more than one tie 25 has been illustrated packaged in the device 20. It is noted that the tabs 60 form shoulders for supporting the bag on the upper edge of panel 26.

To open the package 20, first the flap 62 is withdrawn from the bag through the handle 32 and then the flap 54 is withdrawn so as to permit the carrier 22 to be retracted from the bag through the bottom open end 52 thereof. It is significant that the carrier is installed in the bag with a straight linear movement and can be done while the bag is horizontally arranged on a counter or table, for instance.

Referring to FIGS. 7 through 11, the invention has been illustrated in modified form, the modifications which will be described in detail being capable of incorporation into the package device either individually or jointly. In FIG. 7, the modified form of the package device is designated

generally by the reference character 70. The dimensions of device 70 are substantially identical to those of device 20. The package 70 is comprised of a carrier member 22A and bag 24A.

The carrier member 22A generally is similar to the carrier 22 with the notable exceptions that the body portion of panel 26A has a pair of cut-outs 72 spaced apart by the narrow bar 74. As seen in FIG. 10, the tie or ties 25 can be passed through the uppermost cut-out 72 over bar 74 and again through the lower cut-out 72. It is contemplated that the bar portion 74 also can be omitted to provide one large cut-out portion in panel 26A thereby reducing the weight of the carrier. Another difference is in connection with inverted U-shaped handle 32A which has a flap 76 integral with the lower edge of transverse leg 78 of the handle. The flap 76 can be folded upwardly as seen in FIG. 10 for providing more gripping area for handle 32A. Handle 32A also has a passageway 33A therethrough.

The bag 24A is similar in dimensions to the bag 24, being formed from a sheet 44A of paper, for instance, folded upon itself and secured together along marginal edges 46A to provide the facing side walls 50A and 51A of the bag. The bottom end of the bag is open and side wall 50A has a flap 54A similar to flap 54. Secured to the upper edge of side wall 50A are the tabs 60A similarly located as the tabs 60. However, instead of the flap 62, the upper edge of side wall 50A has an elongate, narrow flap 80 the opposite ends 82 of which preferably are rounded. The flap 80 is shorter than the width of side wall 50A and longer than the distance between the parallel legs of handle 32A. The side wall 51A has a pair of longitudinally extending slits 84 opening to the upper edge 86 of said side, as seen in FIG. 8. The slits 84 are spaced apart a distance less than the distance between ends 82 of flap 80.

After the carrier 22A is installed in the bag 24A in the manner shown in FIGS. 8 and 9 and as previously described for assembling package 20, the handle 32A will protrude outwardly from the upper end of the bag 24A between tabs 60A. The flap 80 then is passed through the opening 33A of handle 32A and inserted into slits 84 to lock the bag and flap together releasably. The bag portion 86 between said slits 84 can be bent outwardly a small amount to facilitate insertion of the flap 80 into the slits 84. As seen in FIG. 7, the flap ends 82 are on the exterior of side wall 51A and protrude outwardly of the slits 84. The body portion 86 bears against the flap 80. The flap 54A is inserted into the bag through the open bottom end 52A thereof between panel 26A and side wall 51A.

It is believed that the invention has been described in sufficient detail to enable the skilled artisan to understand and practice the same. Minor variations may occur to the skilled artisan. For instance, the flap 40A and slot 34A of panel 26A need not have corrugated edges 36 and 42 described for panel 26. A practical embodiment of the invention was made in which the length of panel 26 or 26A was approximately 11½ inches and the width thereof was about six inches. The corresponding dimensions of the bag were slightly larger. The package device was compact and relatively flat even when more than one tie was packaged therein. The sides of the bag bear against the ties and help to prevent slipping thereof. The bag is prevented from slipping off the upper edge of the carrier by the shoulders or tabs 60 or 60A when the device is vertically arranged.

What it is desired to secure by Letters Patent is:

1. A package structure for carrying at least one necktie or the like in a vertical disposition comprising, a flat carrier member of sheet material having an elongated body portion having a transverse slot for supporting the necktie on the carrier member, and a bag adapted to receive the carrier member and necktie therein, said bag

having a top end, bottom end and a pair of side walls conjoined along opposite longitudinal edges thereof respectively to form the bag, said bottom end being open to permit the carrier to be slid therethrough into and out of the bag, said top end having an opening therein narrower than the body portion, said body portion having open handle means narrower than the open top end of the bag whereby to permit said handle to protrude outwardly of the bag through said open top end when the body portion is received in the bag, one of said walls having a locking flap adapted to be passed through the open handle means for releasably locking the carrier member on the interior of the bag with said top end of the bag supported on said carrier member on opposite sides of said handle means, said handle means comprising an inverted substantially U-shaped formation integral with said carrier member and said flap is engaged against the carrier member through said formation in said locking position thereof.

2. A structure as described in claim 1 in which said bag has flap means for closing said open bottom end.

3. A structure as described in claim 1 in which said locking flap is extended through said opening in the top end of the bag for locking the carrier member in the bag and said bag has portions thereof on opposite sides of said opening in the top end thereof engaged upon edge portions of said carrier member on opposite sides of said handle means.

4. A structure as described in claim 1 in which the second side wall has means adapted to be cooperatively engaged with said locking flap for locking the carrier member in the bag.

5. A structure as described in claim 4 in which said second wall has slits therein adapted to be engaged with said locking flap in said locking of the carrier member.

6. A package device for carrying at least one necktie or the like vertically oriented comprising, a paperboard carrier member having a body portion of elongated, substantially rectangular configuration provided with a transverse slot for supporting the necktie therein, and a flat bag of substantially rectangular configuration having a top end, bottom end and a pair of facing side walls conjoined along lateral edges thereof, said bottom end being open substantially the entire width of the bag, said top end being open less than the entire width of the bag and having closed portions on opposite sides of said opening in the top end, the width of the body portion being less than the width of the open bottom end and greater than the width of the opening in the top end of the bag, said body portion having an open inverted, U-shaped handle formation integral with one end thereof narrower than said opening in the top end of the bag, said carrier member adapted to be slid into the bag through said open bottom end commencing with the handle formation to dispose said body portion between said side walls with the handle formation protruding outwardly through said opening in said top end of the bag, one of said side walls having flap means adapted to be extending through the handle formation into engagement with the carrier member for releasably locking the carrier member in the bag with said closed portions supported upon said one end of the carrier member and on opposite sides of said handle formation.

7. A device as described in claim 6 in which said bottom end of the bag has an integral closure flap.

8. A device as described in claim 6 in which said locking flap means is integral with one of said side walls.

9. A device as described in claim 6 in which said locking flap means is integral with one of said side walls, the second side wall having means cooperatively engaged with said locking flap means for locking the carrier in the bag.

References Cited in the file of this patent

UNITED STATES PATENTS

1,027,385	Gruenberg	May 21, 1912
1,238,344	Rutledge	Aug. 28, 1917
1,268,124	Jennings	June 4, 1918
1,507,156	Bunker et al.	Sept. 2, 1924
2,030,996	Lustig	Feb. 18, 1936
2,488,973	Hall	Nov. 22, 1949
2,491,423	Snyder	Dec. 13, 1949
2,492,226	Kohl et al.	Dec. 27, 1949
2,732,270	Bily	Jan. 24, 1956