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R. J. HENNESSEY
COMBINATION PACKAGE

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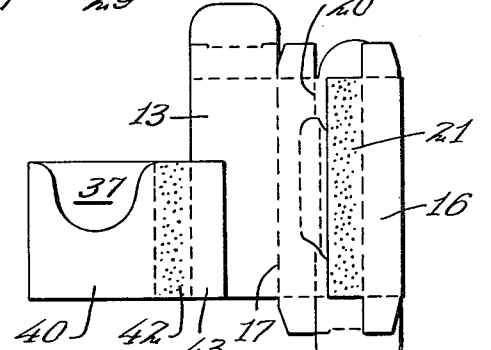
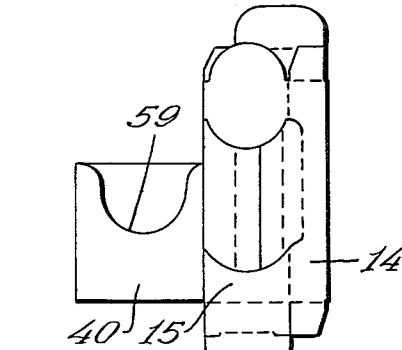
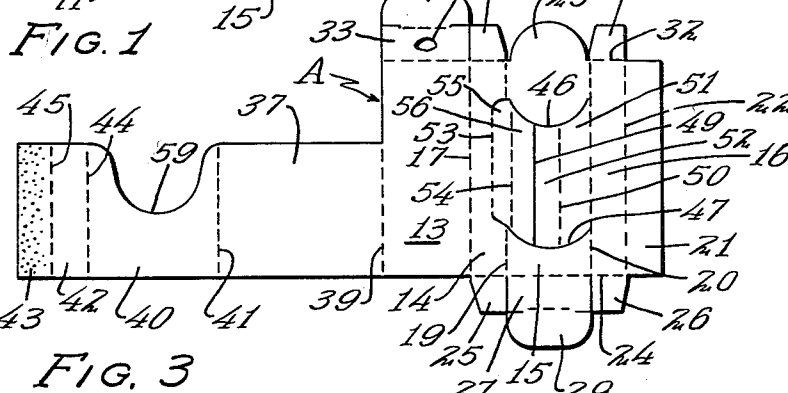
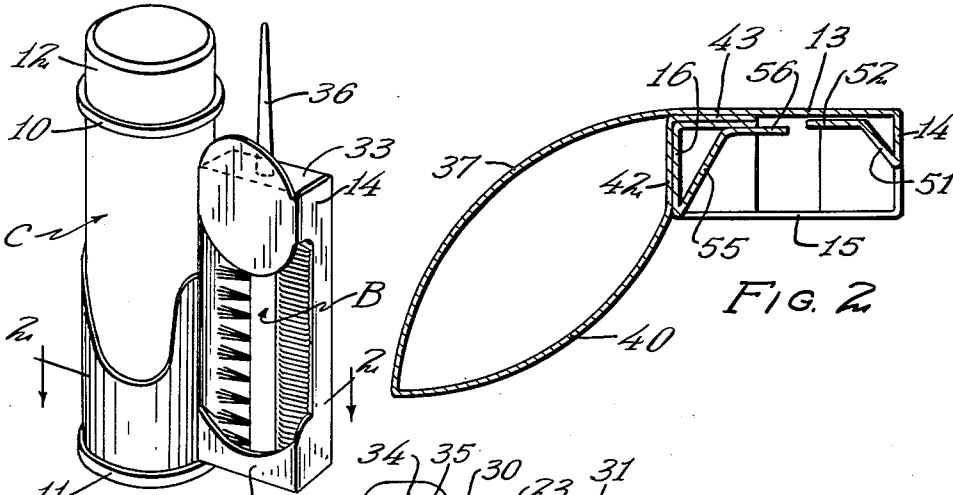


FIG. 5

FIG. 4

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COMBINATION PACKAGE

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This invention relates to an improvement in combination package and deals particularly with a connector designed to fit around a can or bottle and which is designed to contain another object so that the two items will remain combined during display and sale.

In many instances it is found desirable to combine two articles of different forms and shapes. For example, the producers of a hair spray designed to assist in holding the hair in a certain configuration have sold the product in conjunction with a comb of special type which may be used for combing the hair. Due to the fact that the two objects are of entirely different shape, somewhat of a problem exists in combining them in a single package.

An object of the present invention resides in the provision of a display carton designed to accommodate a comb or similar object and which is provided with an integral sleeve designed to fit snugly about the cylindrical can to hold the two objects combined. The sleeve is so formed as to facilitate the insertion of the can thereinto, and the carton and can are securely attached so they cannot well be separated.

A further feature of the present invention resides in the provision of a connector of the type described which may be produced on conventional equipment and which may be furnished in flat glued form.

These and other objects and novel features of the present invention will be more clearly and fully set forth in the following specification and claims.

In the drawings forming a part of the specification.

FIGURE 1 is a perspective view of the combination package as it is displayed.

FIGURE 2 is a sectional view, the position of the section being indicated by the line 2-2 of FIGURE 1.

FIGURE 3 is a diagrammatic view of the blank from which the connecting carton is formed.

FIGURE 4 is a diagrammatic view of the blank after the first folding operation.

FIGURE 5 is a diagrammatic view of the blank after it has been completely folded and glued.

The carton A includes essentially a tuck end carton and an attached sleeve. The tuck end carton is designed to accommodate the object B which may comprise a combination comb and brush, while the sleeve may be designed to accommodate the cylindrical can such as C having a top and bottom chimes 10 and 11 and a frictionally engaged cap 12.

The carton A includes a back wall panel 13, an outer side wall panel 14, a front panel 15 and an inner side wall panel 16 foldably connected together along parallel fold lines 17, 19 and 20. A glue flap 21 is foldably connected to the side wall panel 16 along a fold line 22. In the particular arrangement illustrated, the front panel 15 is provided with an upwardly extended display panel 23 which extends above the level of the remainder of the carton when the carton is closed. The side walls 14 and 16 are hingedly connected along a line of fold 24 to short flaps 25 and 26 which are designed to fold into a common plane. A bottom closure flap 27 is folded along the fold line 24 to the front panel 15, and a tuck flap 29 is foldably connected to the closure flap 27 and is designed to tuck between the rear edges of the flaps 25 and 26 and the rear panel 13 to close the bottom of the carton thus formed.

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Short flaps 30 and 31 are foldably connected to the upper edges of the side walls 14 and 16 along aligned fold lines 32. A top closure flap 33 is hingedly connected along the fold line 32 to the upper edge of the rear panel 13. A tuck flap 34 is hingedly connected to the free edge of the top closure panel 33 and is designed to fit between the edges of the downturned flaps 30 and 31 and the front wall 15 of the carton. An aperture 35 is provided in the top flap 33 designed to accommodate the shank 36 of the comb and brush B.

A sleeve panel 37 is hinged to the rear panel 13 along a fold line 39, and a second sleeve panel 40 is hingedly connected to the sleeve panel 37 along a fold line 41. First and second anchoring flaps 42 and 43 are hingedly connected to the sleeve panel 40 along the fold line 44, the anchoring flaps 42 and 43 being hingedly connected together at 45. A window is formed in the front wall 15 and adjoining side wall 14. The upper and lower edges of the window are defined by cut lines 46 and 47 which extend transversely across the front panel 15 and a predetermined distance into the side wall panel 14. The cut lines 46 and 47 may be of any desired shape or contour to provide a window of desired shape. In the particular arrangement illustrated, the cut lines 46 and 47 are generally arcuate in form.

A central cut line 49 connects the cut lines 46 and 47 near the center of the window. An end of the cut lines 46 and 47 terminate at the fold line 20, and the space between the cut line 49 and the fold line 20 is divided by a fold line 50 which divides this area into first and second flaps 51 and 52. A fold line 53 connects the other ends of the cut lines 46 and 47, and a fold line 54 divides the area between the fold line 53 and the cut line 49 into first and second flaps 55 and 56. The purpose of this arrangement is to provide a reinforcement for the carton and to provide a lining panel rearwardly of the comb and brush B.

In the folding of the carton, adhesive is applied to the anchoring flap 43 at one end of the blank, and the blank is folded along the fold line 41 so that the flap 43 is adhered in face contact with an edge of the rear panel 13. The side wall 16 and glue flap 21 are then folded along the fold line 20 so as to partially overlie the front panel 15.

Adhesive is applied to the glue flap 21 and to the first anchoring panel 42, and the carton is then folded along the fold line 17. As a result, the glue flap 21 adheres to the surface of the anchoring flap 43 and to the marginal edge of the rear panel 13. The first anchoring panel 42 is adhered to the surface of the side wall 16. This assures the proper relationship between the sleeve and the carton when the structure is set up.

In operation, the carton walls are squared up, the flaps 30 and 31 at the top of the side panels folded down into a common plane, and the tuck flap 34 is inserted between these first folded flaps and the front panel, the top closure panel extending across the top of this portion of the carton. The brush and comb B are then inserted, the shank extending through the aperture 35 in the top closing flap, and the bottom flaps are folded to close the lower end of the carton.

As is indicated in the drawings, the panel 40 forming the front of the sleeve is notched with a rounded notch 59 extending most of the distance across the top of the panel. As a result, the sleeve may be partially opened as indicated in FIGURE 2 of the drawings, and the cylindrical can may be inserted into the sleeve by holding the lower chimed end 11 of the sleeve diagonally, the forward side of the can extending into the notch and the rear side of the can bottom extending against the higher rear wall of the panel 37. The can is then tilted upwardly

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into vertical position and forced downwardly the amount necessary to extend the end 11 through the bottom of the sleeve. By following this procedure, the sleeve need be of no greater diameter than the chimed end, and thus fits very snugly in place.

In accordance with the patent statutes, I have described the principles of construction and operation of my improvement in combination package, and while I have endeavored to set forth the best embodiment thereof, I desire to have it understood that changes may be made within the scope of the following claims without departing from the spirit of my invention.

I claim:

1. A connecting carton for connecting a cylindrical object to a second product, the carton including rectangularly arranged side and end walls, a bendable sleeve panel integral with one wall of said carton and extending therefrom, and a second sleeve panel hinged to the end of the first and secured in face contact to a portion of one of said rectangularly arranged walls adjoining said one wall, said sleeve panels being bendable from flat form in face contact to a substantially cylindrical sleeve form.

2. The construction of claim 1 and in which said second sleeve panel is also secured to a second wall adjoining said one wall.

3. The structure of claim 1 and including top and bot-

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tom closures for said rectangularly arranged side and end walls.

4. A connecting carton for connecting two dissimilar objects, the carton including an elongated strip of paper-board cut and creased to provide, in series, a glue flap, a side wall, a front wall, a second side wall, a rear wall, a first sleeve panel, a second sleeve panel, and an anchoring flap, said glue flap being secured in face contact to a portion of said rear wall, and said anchoring flap being adhered to a portion of said first side wall, said side and end walls being foldable into rectangular relation.

5. The structure of claim 4 and including a second anchoring flap secured to the first named anchoring flap, said second anchoring flap being secured between said glue flap and said rear wall and in face contact thereto.

6. The structure of claim 5 and including bottom closure flaps hinged to at least certain of said rectangularly arranged walls.

7. The structure of claim 5 and including top and bottom closure flaps secured to at least some of said rectangularly arranged walls.

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