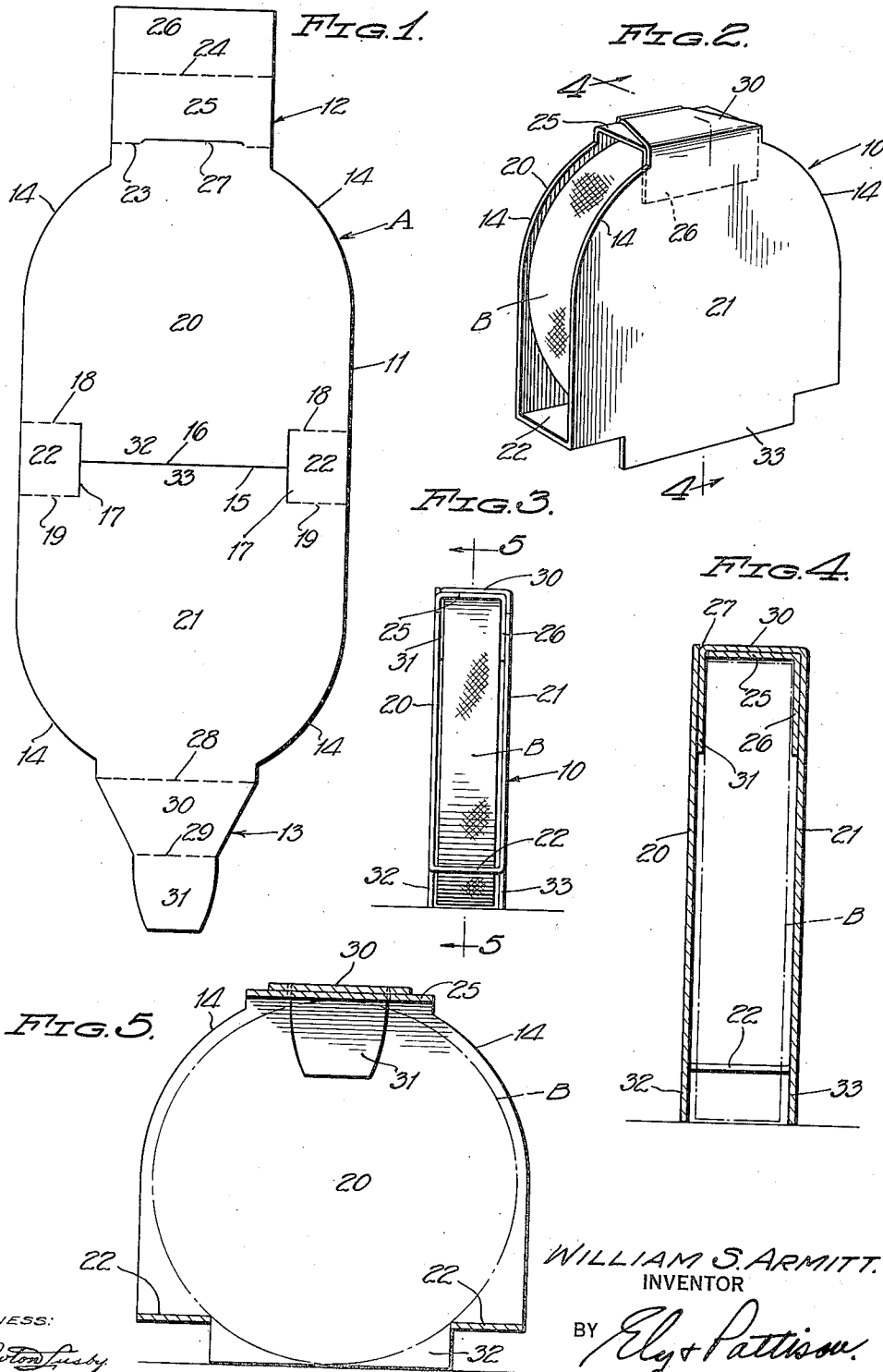


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RIBBON ROLL CONTAINER

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RIBBON ROLL CONTAINER

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4 Claims. (Cl. 206—52)

This invention relates to improvements in cardboard containers and has particular reference to a container for rollers of ribbon, and other wound tape-like material.

One of the main features of the invention resides in a container in which a ribbon roll may be packaged for attractive display and sales purposes.

Another feature of the invention is to provide a ribbon roll container which will prevent soiling of the wound ribbon when kept in stock, but which is relatively open to enable close inspection of the ribbon as to color and quality by a prospective purchaser without removing the roll from the container.

A still further feature of the invention is to provide an inexpensive foldable ribbon roll container constructed from a single blank of cardboard which may be expeditiously set up for use by an operator as the ribbon rolls are packaged therein.

Other objects of the invention will be apparent as the following specification is read in conjunction with the accompanying drawing, in which

Figure 1 is a plan view of the blank from which the ribbon roll holder is constructed.

Figure 2 is a perspective view of the container in fully folded position with a ribbon roll contained therein.

Figure 3 is an end elevational view.

Figure 4 is an enlarged vertical sectional view on the line 4—4 of Figure 2 with the ribbon roll in dot and dash lines.

Figure 5 is an enlarged vertical sectional view on the line 5—5 of Figure 3, the ribbon roll in dot and dash lines.

Referring to the drawing by reference characters, the numeral 10 designates my improved ribbon roll container in its entirety and which is constructed from a single blank of cardboard A which is cut and scored and subsequently folded into a set up position for use in the novel manner now to be explained.

The blank A includes an elongated body 11 having reduced wing flaps 12 and 13 extending from opposite ends thereof. The side edges of the body 11 are well rounded as at 14 inwardly from the wing flaps 12 and 13.

The body 11 is provided midway of its ends with an H-shaped slit 15, the cross portion 16 of the slit extending transversely of the body and the end portions 17—17 thereof extending lengthwise of the body and being disposed a substantial distance inwardly of the side edges thereof. The end slit portions 17—17 are of a length equal to

the width of the ribbon roll to be packaged in the holder. Sets of straight fold or score lines 18 extend from the ends of the slit portions 17—17 to the side edges of the body 11, and which lines are parallel to the centrally located slit portion 16. The slit portion 16 and fold lines 17—17 and 18—18 divide the body 11 into two separate identical side walls 20 and 21, and the cardboard material bounded by the end slit portions 17—17, side edges of the blank, and sets of fold lines 18 and 19 provide spaced connecting webs 22—22.

The wing flap 12 is substantially rectangular and is scored transversely on the two parallel lines 23 and 24 to provide a bridge wall 25 and an inwardly foldable wall flap 26. A slit 27 is provided just outwardly of and parallel to the fold line 23 to provide a tongue receiving slot when the blank A is folded into set up position for use.

The wing flap 13 is scored on spaced transverse lines 28 and 29 to provide a bridge wall 30 and a locking tongue 31. The side edges of the bridge wall converge outwardly to form a reduced tongue 31 and the side edges of the tongue 31 are curved and taper slightly outwardly to facilitate the easy insertion of the same through the slit 27.

Assume that the blank A in Figure 1 has its inner side face up and it is desired to package a ribbon roll B in a container 10. The operator folds the blank A inwardly on the pairs of fold lines 18—18; 19—19 and brings the two side walls 20 and 21 toward each other, and due to the H shaped slit 15 side wall extension portions 32 and 33 are formed and which extend beyond the plane of the connecting webs 22. The portions 32 and 33 may be termed feet and when the partially folded blank is set on these feet, a raised seat is formed by the webs 22 on which the ribbon roll B may be positioned, a portion of the ribbon roll projecting beyond the webs as illustrated in dot and dash lines in Figure 5 of the drawing. To maintain the ribbon roll B seated on the webs 22—22 the operator next folds the wing flap 12 on the fold lines 23 and 24, and then brings the side walls 20 and 21 against opposite flat sides of the ribbon roll with the wall flap 26 against one side of the ribbon roll and the side wall 21 against the flap 26. The operator next folds the wing flap 13 on the fold lines 28 and 29 and proceeds to insert the locking tongue 31 through the slit 27 in the bridge wall 25, whereupon the tongue lies between the side wall 20 and the adjacent flat side of the ribbon roll B. The container is now in a fully folded and locked set up position with the ribbon roll seated against the inner edges of the connecting webs 22 and held against accidental

separation from the container by lapped bridge walls 25 and 30, which are secured by the interlocking of the tongue 31 through the slit 27.

The container 10 when set up with a ribbon roll B packaged therein may be placed down flat on either side, or it may be stood up on the extension feet portions 32-32 as illustrated in Figures 3 to 5 inclusive. The periphery of the ribbon roll B is exposed substantially throughout to enable inspection of the contents of the package as to color and quality, but sufficient wall structure is provided to protect the contents against handling, crushing, or accidental unwinding of the ribbon from its reel.

The exterior of the flat side walls 20 and 21, provide excellent space for the trade-mark or other advertising indicia which may be used in association with the goods packaged in the container.

Having described what I consider to be the most practical embodiment of my invention, I wish it to be understood that such changes and alterations as come within the scope of the appended claims may be resorted to if desired.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent of the United States, is:

1. A container for ribbon rolls and the like comprising a pair of like side walls, a pair of spaced webs integral with said side walls and to which said side walls are hingedly connected, the inner edges of said webs adapted to provide a seat for a ribbon roll, a bridge piece integral with one of said side walls and being of a width approximating the width of said webs, an intumed flap integral with said bridge piece and fitting against the inner side of one of said side walls, and a tongue flap integral with the last mentioned side wall and extending through a slot in said bridge piece and disposed against the inner side of the other side wall to secure said side walls in fixed spaced relation with a ribbon roll seated on said webs.

2. A container for ribbon rolls and the like comprising a pair of like side walls, spaced aligned

transverse connecting webs integral with said side walls and to which said side walls are hinged, bridge pieces integral with and hinged to the respective side walls and being of a width substantially equal to the width of said transverse webs, said bridge pieces overlapping each other, an inwardly extending bracing flap hinged to and integral with the inner of said overlapping bridge pieces and fitting against the inner side of one of the side walls, and a locking tongue integral with and hinged to the outer lapping bridge piece, and a slot provided in the inner bridge piece adjacent the joiner of the inner bridge piece and the side wall to which it is connected for receiving said locking tongue.

3. A container for ribbon rolls comprising a single blank of cardboard cut to provide an elongated body, a transverse slit midway of said body, cross slits at the ends of said transverse slit, score lines extending from the ends of said cross slits to the side edges of said body, said slits and score lines dividing said body into two like side walls, reduced extension flaps at the ends of said body, and interlocking means on said extension flaps for securing the side walls in spaced parallel relation when folded to such position on said score lines.

4. A container for ribbon rolls comprising a single blank of cardboard cut to provide an elongated body, having straight parallel side edges, reduced foldable extension flaps at the ends of said body, like rounded edges at the corners of said body between said straight side edges and said extension flaps, an H-shaped slit provided in said body midway of its ends, spaced aligned parallel score lines extending from the ends of the cross end portions of said H-shaped slit to the straight side edges of said body, whereby said body may be folded upon said score lines to provide two like side walls, and tongue and slot means associated with said extension flaps for securing the side walls in spaced parallel relation.

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