

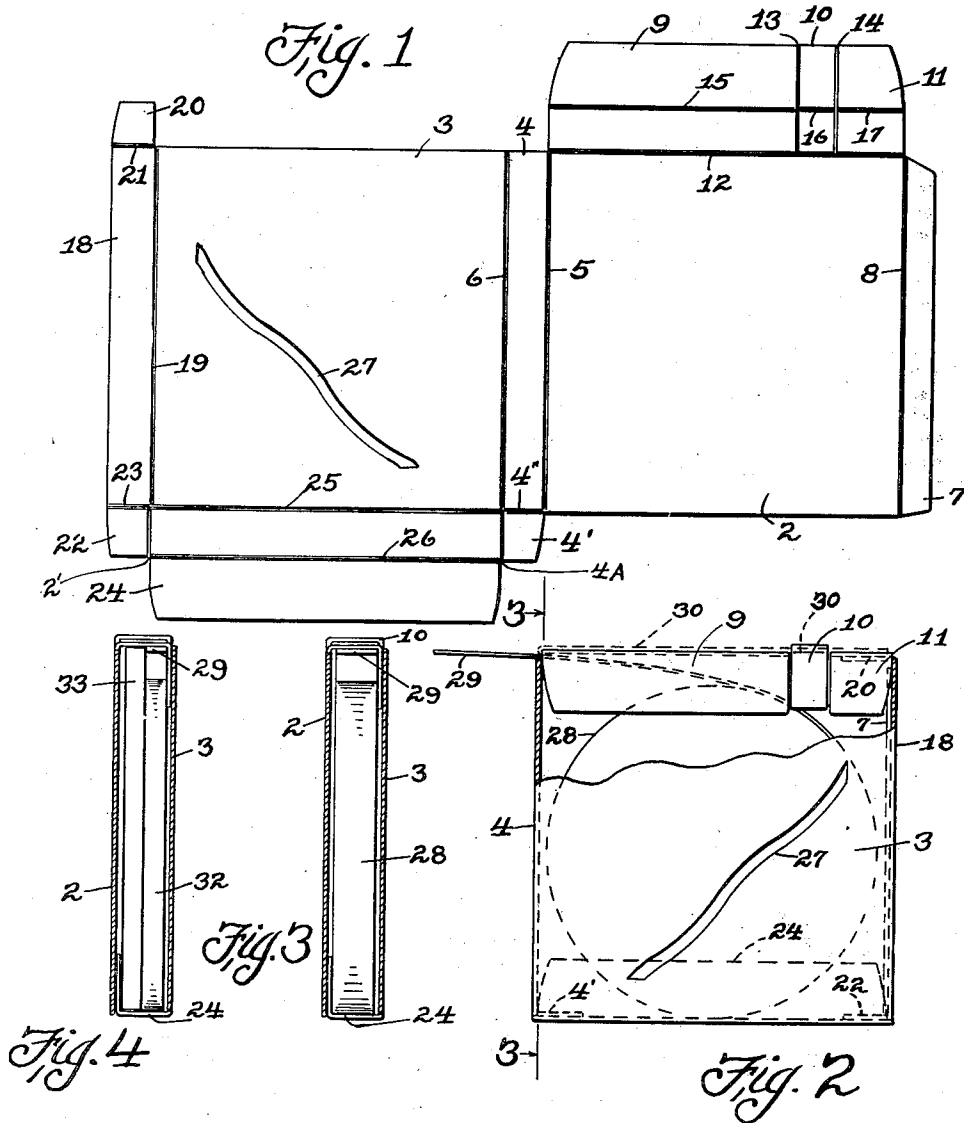
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DISPENSER FOR ROLLS OF STRAND-LIKE MATERIAL

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DISPENSER FOR ROLLS OF STRANDLIKE MATERIALS

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2 Claims. (Cl. 206—52)

This invention relates to improvements in dispensers for rolls of strand-like materials.

An object of this invention is to provide for a roll of binding material, such as ribbon, a dispensing receptacle comprising a roll receiving enclosure adapted to permit manual withdrawal of the material from the roll while frictionally engaged by portions of the receptacle, thereby preventing the material from accidentally moving out of or backing into the receptacle.

Other objects are to provide a receptacle which may be held in the hand and easily manipulated to withdraw binding material therefrom and permit free tying operations; which protects the tying material from being faded, frayed, and soiled; and which permits inspection of the contents without opening the receptacle.

In the drawing:

Fig. 1 is a plan view illustrating a sheet of cardboard shaped for assembly as shown in Fig. 2.

Fig. 2 is a view in side elevation, illustrating one form of receptacle containing a roll of tying material, a portion of the view being broken away.

Fig. 3 is a view taken on the line 3—3 of Fig. 2.

Fig. 4 is an end view similar to Fig. 3, showing the receptacle provided with a filler.

Like parts are indicated by the same reference numerals throughout the several views.

The receptacle shown in Fig. 2 is formed by folding a piece of cardboard which is cut and scored, as shown in Fig. 1. This cardboard comprises a side portion 2 and a side portion 3 connected by an end portion 4, which is defined by scorings 5 and 6 and includes a tab 4' defined by scoring 4''. The side portion 2 is provided with a flap 7 which is defined by the scoring 8 and with flaps 9, 10, and 11 defined by scoring 12 and by slots 13 and 14. Each of the flaps 9, 10, and 11 are scored respectively at 15, 16, and 17, the scorings being in direct alinement to allow folding of the flaps 9, 10, and 11 in a common plane.

The side portion 3 is provided with a flap 18 which is defined by scoring 19 and has at one end a tab 20 defined by scoring 21 and at the other end a tab 22 defined by scoring 23. The side portion 3 is also provided with a flap 24 defined by the scoring 25 and is scored at 26 to allow folding of the flap in a manner similar to the folding of the flaps 9, 10, and 11 on the side portion 2. A reversely curved slot 27 in the side portion 3 serves to permit inspection of the interior of the receptacle after assembly. Tabs

22 and 4' are respectively separated from the flap 24 by slots 22' and 4A.

The receptacle is formed as shown in Fig. 2 by folding or bending the cardboard along the scorings 5 and 6 to bring the side portions 2 and 3 into substantial parallel relationship, folding the flaps 7 and 18 in over-lapped relation, and gluing the flaps together. Tabs 4', 20 and 22 are then folded along their respective scores to position them as indicated in Fig. 2, and the flap 24 is, after folding at the scorings 25 and 26, inserted between the side portions 2 and 3 adjacent the side portion 2 and overlying the tabs 4' and 22.

When the receptacle has been formed as indicated, a roll of ribbon 28 shown digrammatically is inserted thru the opening at the upper end of the dispenser adjacent the flaps 9, 10, and 11. A portion 29 of the ribbon 28 is projected thru the opening over the upper end of the side portion 4 of the receptacle and the flaps 9 and 11 are then folded along the scorings 15, 17, and 12 and inserted between the side portions 2 and 3 adjacent the side portion 3. The end portion 4 is not provided with a tab adjacent the flap 9 so that the portion 29 of the ribbon which projects from the receptacle may contact with the upper end of the receptacle and the flap 9.

The receptacle containing the roll is prepared for shipment by folding the portion 29 of the ribbon over the top of the flaps 9 and 11 as indicated by the broken lines 30 and then folding the flap 10 over the portion 29 and inserting it between the side portions 2 and 3 adjacent the side portion 3. Thus the projecting portion of the ribbon is held at 30 until the material is used. Obviously, when it is desired to use the ribbon, it is only necessary to draw the ribbon from beneath the flap 10. When not being used it may be replaced beneath the flap 10.

The flap 9 is designed to cooperate with the adjacent upper end of the end portion 4 of the receptacle to frictionally engage the ribbon and prevent more of the ribbon from being withdrawn than desired and to prevent the projecting portion 29 of the ribbon from accidentally re-entering the receptacle. The side portion 3 is provided with a curved slot 27 which permits the viewing of the interior of the receptacle and thereby ascertaining the amount of material in the roll 28. It is preferred that the margins of the ribbon be engaged by at least the adjacent portion of the flap 9 where the ribbon projects from the receptacle, thereby being deterred from movement out of or into the receptacle. As will be apparent,

an operator may press the flap 9 toward the upper end of the end portion 4 and regulate the snubbing action on the ribbon as it is drawn from the receptacle.

Fig. 2 shows the receptacle in its preferred form and size adapted to be held in the hand as the ribbon is pulled from the roll. It will be understood that the receptacle and roll may be of other sizes and forms if desired.

In Fig. 4 the receptacle is shown with an insert 33 adjacent the ribbon roll 32. This illustrates a manner of adapting the receptacle for rolls of varying widths. The filler or insert 33 also serves to prevent several turns of the ribbon on the narrower roll from slipping to one side relative to the axis of the roll and possibly becoming tangled and twisted.

From the foregoing disclosure it is apparent that a receptacle has been provided adapted to receive a roll with a portion projecting therefrom for withdrawal of the material from the receptacle and to frictionally engage the material to resist movement of the material.

Other objects have been obtained by providing a dispenser which is easy to manipulate; which

protects the tying material from becoming faded, frayed, and soiled; and which permits inspection of the contents without disturbing the dispenser or the material.

I claim:

1. The combination with a rectangular receptacle having an opening provided with a flap closing the opening, one end wall of said receptacle normal to said flap terminating adjacent one end of said flap, of a roll of tying material in said receptacle and having a portion projecting therefrom between the adjacent ends of said wall and flap, said adjacent ends engaging said portion with a snubbing action.

2. The combination with a receptacle having an opening provided with three flap portions, of a roll of tying material in said receptacle and having a portion projecting therefrom between adjacent ends of one of said flap portions and one end wall of said receptacle, said portion of the material projecting from said receptacle overlying spaced flap portions and underlying a flap portion between said flap portions.

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