June 30, 1942. L. H. SPILMAN 2,288,042

DISPENSING CARTON

Filed April 1, 1940

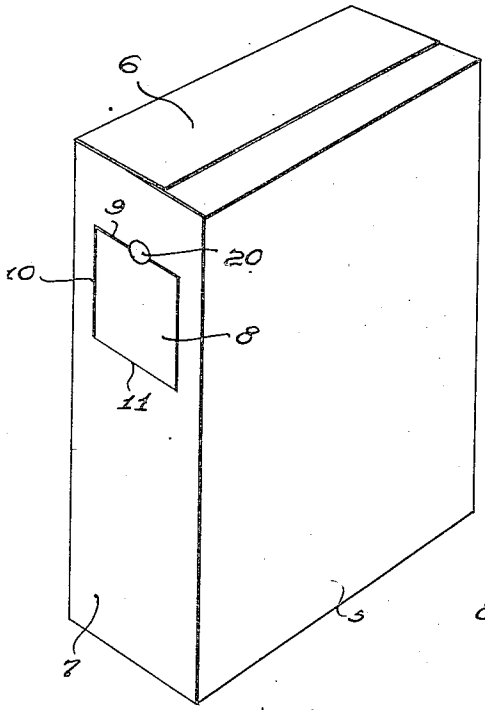


FIG. 1.

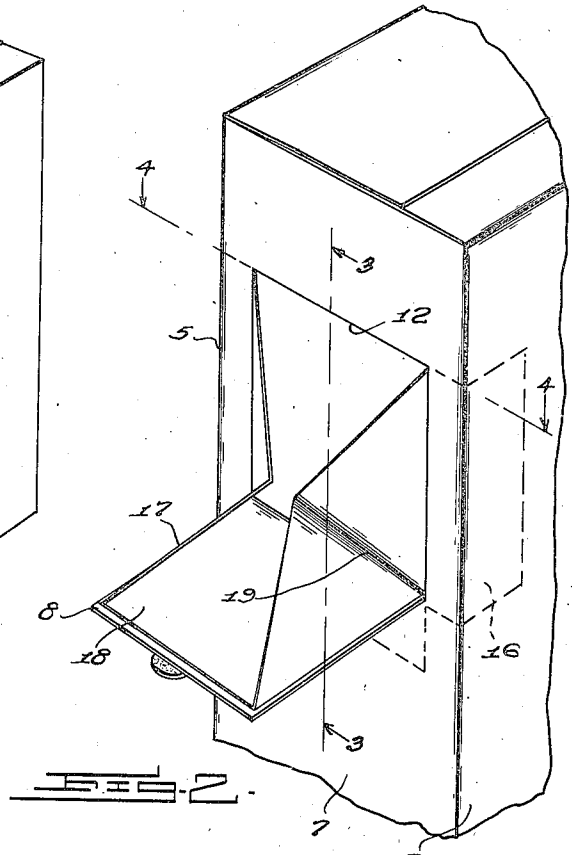


FIG. 2.

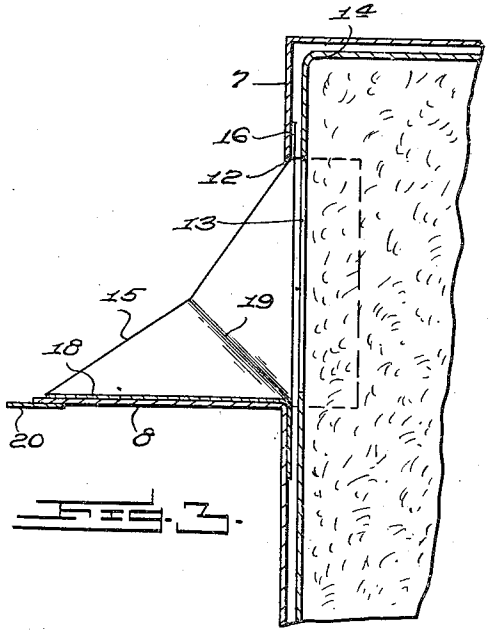


FIG. 3.

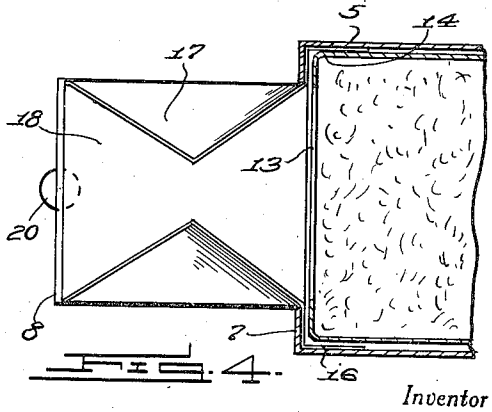


FIG. 4.

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DISPENSING CARTON

Lila H. Spilman, Knoxville, Tenn.

Application April 1, 1940, Serial No. 327,303

1 Claim. (Cl. 221—11)

The present invention relates to cartons adapted for containing cereal, granulated material and the like and has for its primary object to provide a spout normally concealed in one wall of the carton and adapted to be moved into an outwardly projecting position to facilitate the pouring of the contents of the carton therefrom.

A further object is to provide a dispensing carton of this character of simple and practical construction, which is efficient and reliable in use, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part hereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a perspective view of a carton showing the door for securing the spout in folded position.

Figure 2 is a fragmentary perspective view showing the spout in an open position.

Figure 3 is a fragmentary vertical sectional view taken substantially on a line 3—3 of Figure 2, and

Figure 4 is a fragmentary transverse sectional view taken substantially on a line 4—4 of Figure 2.

Referring now to the drawing in detail, the numeral 5 designates a carton generally which is preferably constructed of cardboard or similar stiff material and including the top flaps 6 which are preferably secured in overlapping position by a suitable adhesive or the like for sealing the carton. In the end wall 7 of the carton is shown a door 8, the door being constructed of the material of the end wall 7 and is separated from the material along its top 9 and side edges 10, the bottom 11 being unsevered and preferably creased to permit the door to swing outwardly into a horizontal position along its bottom edge.

The door is thus adapted to close the opening 12 formed in the end wall 7 and registering with said opening is an opening 13 formed in the adjacent wall of an inner receptacle 14 which is usually constructed of waterproof material, such as wax paper or the like. A spout designated generally at 15 and preferably constructed of paper or similar flexible material, has its inner edge portion inserted through the opening 12 and secured to the inner surface of the end wall 7 as shown at 16. The spout includes side walls 17 and a bottom 18, the latter being secured flatwise against the inner surface of the door 8 by gluing or the like, the area of the bottom 18 being slightly less than the area of the door as more clearly shown in Figure 2 of the drawing, to permit complete closing of the door flush with the surface of the end wall 7. The side walls 17 are folded along an intermediate line as shown at 19, the side walls being adapted for folding inwardly when the spout is closed.

A sealing tab 20 is adhesively secured in overlapping relation with the top edge 8 of the door so as to secure the door in closed position to the end wall 7, it being necessary to remove the tab 20 in order to effect an opening of the door 8.

The openings 12 and 13 are coextensive so that upon the closing of the door the latter also serves to close the opening 13.

From the foregoing it will be apparent that normally the door is secured in its closed position until the contents of the package or carton are desired to be removed, whereupon the seal 20 is broken, the door 8 moved into its open position which thereby extends the spout 15 outwardly and permits the contents of the carton to be dispensed therefrom.

It is believed the details of construction, advantages and manner of use of the device will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention what I claim is:

A dispensing carton having an opening in one wall, a closure constructed of the material of the wall and having one edge connected to said wall for swinging into and out of position relative to the opening for opening and closing the carton, a foldable spout including a bottom wall secured to the inner face of the closure and of a size less than the size of said closure to permit the latter to move into the opening flush with the wall of the carton, and side walls integral with the bottom wall and creased transversely thereof to permit folding of said side walls on the bottom wall during the movement of the closure into a position closing said opening, said side walls extending beyond one end of the bottom wall and through the opening and secured to the inner face of the wall of the carton about said opening, and a securing tab for releasably securing the closure in opening-closing position.

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