Sept. 1, 1970 M. GOLDSTEIN 3,526,351

CONTAINER

Filed April 25, 1968

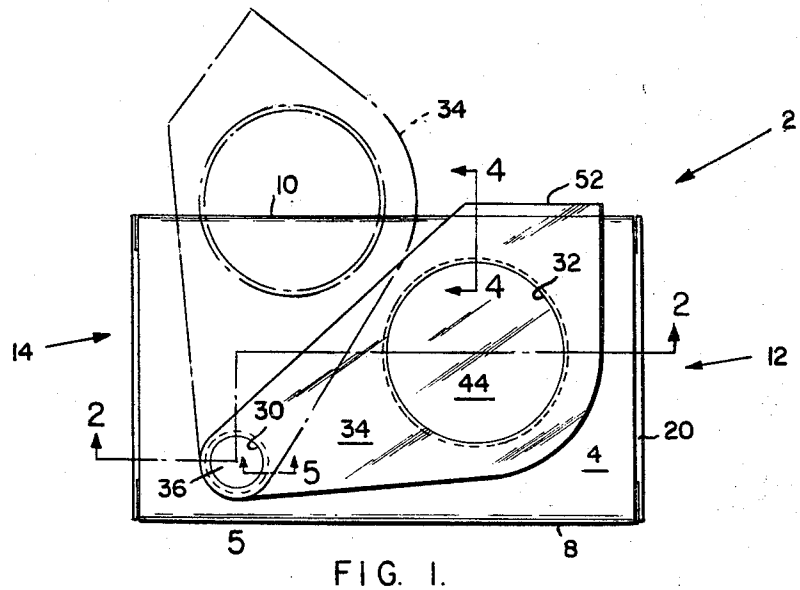



FIG. 1.

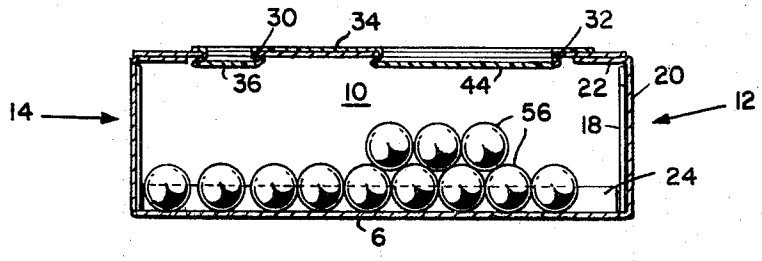
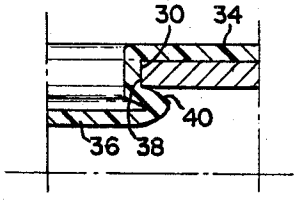



FIG. 2.

FIG. 5.



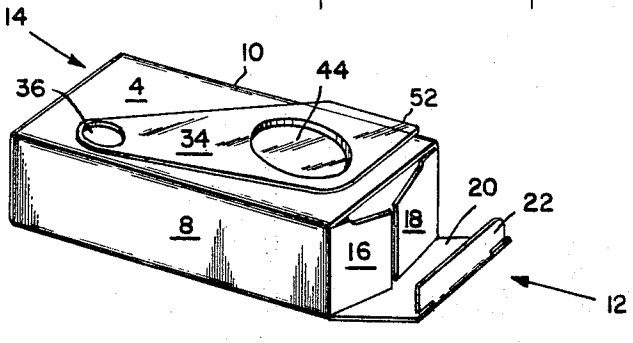




FIG. 3.

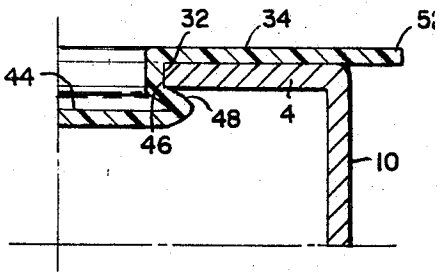



FIG. 4.

INVENTOR
MARK GOLDSTEIN

BY Bosse Smith & Harding

ATTORNEYS

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3,526,351

# CONTAINER

Mark Goldstein, Haddonfield, N.J., assignor, by mesne assignments, to Logistics Industries Corporation, Philadelphia, Pa., a corporation of New York

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Int. Cl. B65d 5/72
U.S. Cl. 229—7 1 Claim

## ABSTRACT OF THE DISCLOSURE

A container formed by a plurality of walls has one wall with a plurality of spaced openings. A resilient strip has a pair of spaced undercut bosses, one of which is anchored in one of the openings, and the other of which is removably secured in the other opening to provide a readily removable closure therefor.

## BACKGROUND OF THE INVENTION

The invention provides a quick access opening in the wall of a container. It is particularly useful, for example, in connection with small cardboard containers of the type provided with end flaps for closing off the ends thereof. Such containers are widely used for holding parts which, in many cases, are individually removed at different times. Under such circumstances getting access to a part by opening and closing the end flaps is time consuming as compared to using the structure of this invention. Similarly, the invention is applicable to a wide variety of containers where ready access to the interior is desired.

## SUMMARY OF THE INVENTION

A container having a plurality of walls with one of the walls having a pair of spaced openings. A resilient strip of, for example, polyvinylchloride, polyethylene or polypropylene is anchored in one of the openings and is removably secured to the other opening which provides access to the interior of the container. Advantageously, the strip extends beyond the wall adjacent the last mentioned opening to form a gripping portion. It is preferred to anchor the strip in the first mentioned opening employing an undercut boss. Similarly, it is preferred to have an undercut boss for entry into the other opening. While the bosses may be any desired geometric shape, it is advantageous to have them circular, particularly in the case of the boss used to anchor the strip to permit the pivoting of the strip away from the access opening.

## BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a plan view of a container in accordance with the invention;

FIG. 2 is a vertical section of the container of FIG. 1 taken on the planes indicated by the line 2—2 in FIG. 1;

FIG. 3 is a side perspective view of the container of FIG. 1;

FIG. 4 is an enlarged fragmentary view showing a portion of the strip of FIG. 1 in the closed position; and

FIG. 5 is a fragmentary view showing a portion of the anchored portion of the strip of FIG. 1.

## DESCRIPTION OF THE PREFERRED EMBODIMENT

A container **2** has a top wall **4**, a bottom wall **6**, a side wall **8**, and a side wall **10**. Each end of container **2** is closed by a pair of inner flaps **16** and **18** pivotally connected to side walls **8** and **10**, respectively, and an outer flap **20** pivotally connected to bottom wall **6** and having a tuck portion **22** which is adapted to be tucked in below top wall **4** and above inner flaps **16** and **18**. A flap **24** is pivotally secured to bottom wall **6** and glued to the interior of side wall **10**. As thus described, the container **2** can be made out of cardboard, fiberboard, or the like and is well known to those skilled in the art.

Top wall **4** is provided with a relatively small anchoring opening **30** and a relatively large access opening **32**. A transparent resilient strip **34** is provided with an anchoring boss **36** which is secured in opening **30**. Boss **36** has an undercut portion **38** which engages wall **4** and a peripheral wall **40** which slopes outwardly away from the undercut portion **38** so that the maximum diameter of the boss **36** is greater than the diameter of opening **30**.

Strip **34** is also provided with a boss **44** which is adapted to enter access opening **32**. Boss **44** has an undercut portion **46** which engages wall **4** and a peripheral wall **48** which slopes outwardly from undercut portion **46** so that boss **44** has a maximum diameter greater than the diameter of access opening **32**. Strip **34** is provided with a gripping portion **52** which extends slightly beyond the edge of top wall **4**.

Container **2** is illustrated in FIG. 2 as containing relatively small parts **56**.

When it is desired to remove a part **56** from container **2**, gripping portion **52** is engaged and pulled upwardly away from access opening **32** which action pulls boss **44** out of access opening **32**. Strip **34** may then be held back away from opening **32** or, as illustrated in FIG. 1, may be pivoted about the center of anchoring opening **30** until it is clear of opening **32**.

It will be understood that the above described embodiment is illustrative and is not intended to be limiting.

I claim:

**1.** A container comprising:

a bottom wall, side walls and a top wall,

said top wall having a pair of spaced circular openings,

a closure strip having a pair of spaced undercut circular bosses respectively removably engaged in said spaced openings, and

gripping means on said strip adjacent one of said bosses to remove said one boss from its respective opening and rotate the other boss in its respective opening to provide access to the container.

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DAVIS T. MOORHEAD, Primary Examiner

U.S. Cl. X.R.

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