Jan. 12, 1965 P. H. CARTER ETAL 3,165,252

CONFECTIONARY NOVELTY AND CONTAINER THEREFOR

Original Filed Jan. 19, 1961 2 Sheets-Sheet 1

FIG. 1.

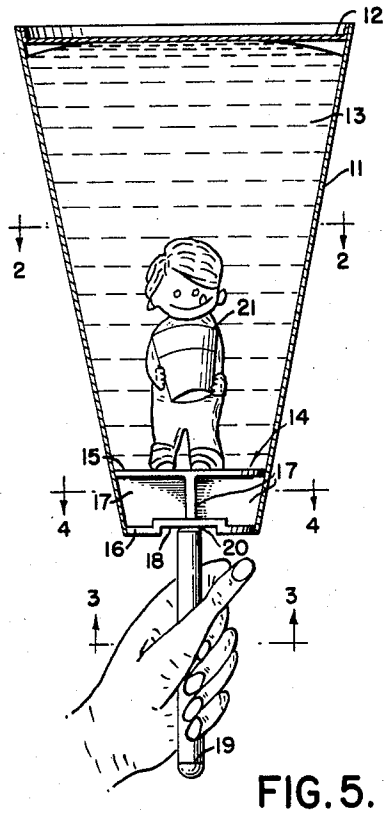


FIG. 2.

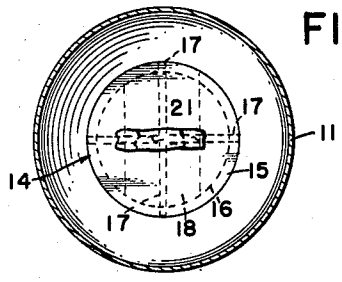


FIG. 4.

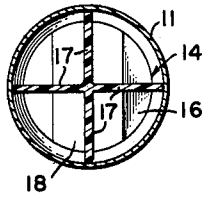


FIG. 3.

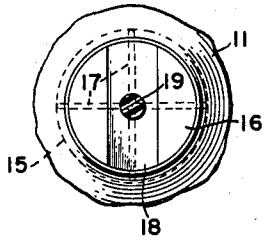


FIG. 8.

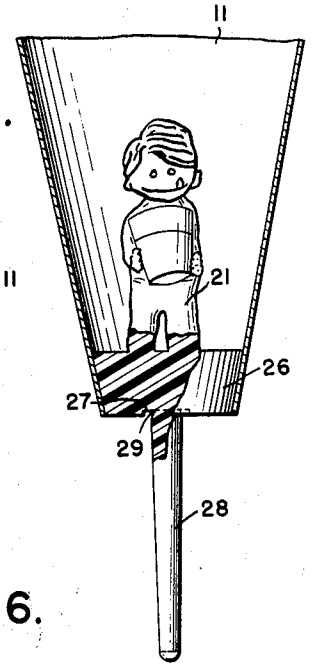
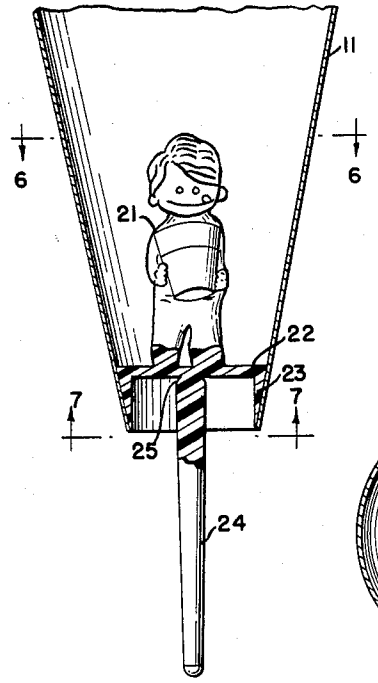


FIG. 5.



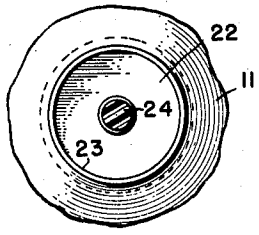
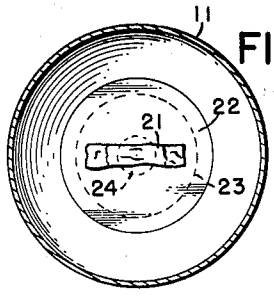


FIG. 7.

FIG. 6.



INVENTORS
PAUL H. CARTER
RAYMOND L. MORSE
BY
Albert J. Kramer
ATTORNEY

Jan. 12, 1965 P. H. CARTER ETAL 3,165,252

CONFECTIONARY NOVELTY AND CONTAINER THEREFOR

Original Filed Jan. 19, 1961 2 Sheets-Sheet 2

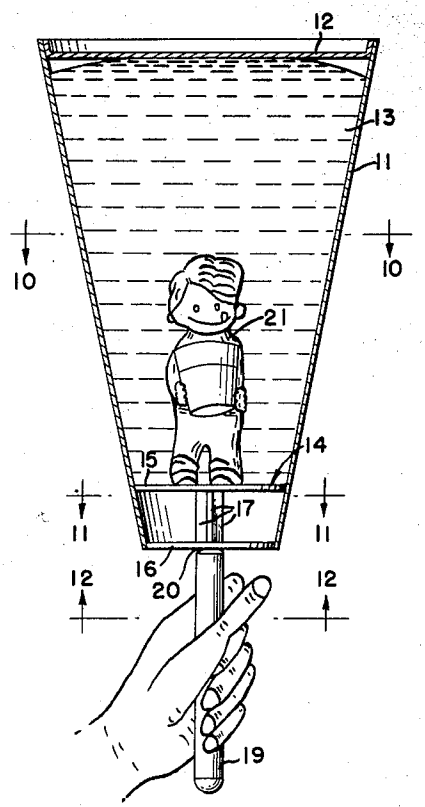


FIG. 9.

FIG. 10.

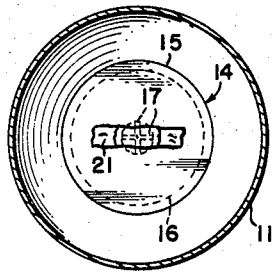
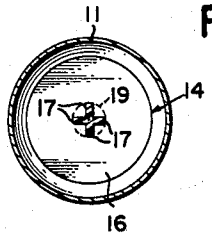


FIG. 11.



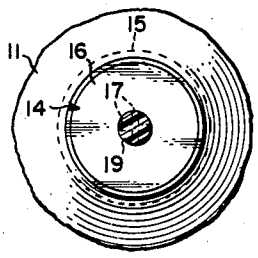


FIG. 12.

INVENTORS
PAUL H CARTER
RAYMOND L. MORSE

BY
Albert J. Kramer
ATTORNEY

United States Patent Office 3,165,252 Patented Jan. 12, 1965

3,165,252

CONFECTIONARY NOVELTY AND CONTAINER THEREFOR

Paul H. Carter and Raymond L. Morse, Baltimore, Md., assignors to Universal Machine Co., Inc., Baltimore, Md., a corporation of Maryland

Original application Jan. 19, 1961, Ser. No. 83,762. Divided and this application Jan. 4, 1962, Ser. No. 164,271

1 Claim. (Cl. 229—5.5)

This is a division of our copending application for patent, Ser. No. 83,762, filed January 19, 1961.

This invention relates to confectionary products and it is more particularly concerned with novelty items which appeal to and are especially attractive to children.

One of the objects of this invention is the provision of a confectionary novelty item in which ice cream, sherbert, ices, or other frozen confectionary material is held in a paper container and which can be removed by a person with one hand to expose the confectionary material for consumption, while the other hand firmly holds a support on which the confectionary material is disposed.

Another object of the invention is the provision of such a confectionary novelty item which is adapted to the disposition of a hidden surprise, such as a figurine, inside a mound of frozen confectionary material, as a toy for children.

A further object of the invention is the provision of such a novelty item comprising an inverted frusto-conical paper container having an opening at the bottom that seats an inverted frusto-conical base member for supporting the confectionary material at the bottom of the container and a handle integral with and projection downwardly from the base member as a handle for the item.

A still further object of the invention is the provision of a device of the type mentioned in which a figurine is provided integral with the upper part of the base member and the handle is secured to it at a recessed point so that after the confectionary material is consumed, the stem can be broken off at a point above the bottom of the base member thereby permitting the base member to be used as a support for the figurine on a horizontal surface.

A still further object of this invention is the provision of a container for a confectionary material which permits the removal of a portion of the container to expose the edible contents on a supporting member constituting the remaining part of the container.

A still further object of the invention is the provision of a supporting member for removable disposition at the bottom of a frusto-conical shell to form therewith a complete container for a confectionary material.

These objects and still further objects, advantages and features of the invention will be apparent from the following description and the accompanying drawing of several embodiments of the invention given by way of illustration and not by way of limitation.

In the drawing:

FIG. 1 is a vertical sectional view generally through the center of a preferred embodiment of the invention.

FIG. 2 is a cross-sectional view along the line 2—2 of FIG. 1.

FIG. 3 is a cross-sectional view along the line 3—3 of FIG. 1.

FIG. 4 is a cross-sectional view along the line 4—4 of FIG. 1.

FIG. 5 is a view similar to FIG. 1 of a modified embodiment of the invention, partly broken away.

FIG. 6 is a cross-sectional view along the line 6—6 of FIG. 5.

FIG. 7 is a cross-sectional view along the line 7—7 of FIG. 5.

FIG. 8 is a view similar to FIG. 5 of a third embodiment of the invention.

FIGS. 9, 10, 11, and 12 are views corresponding to FIGS. 1, 2, 3 and 4, respectively, of a modification of the first embodiment.

Referring with more particularity to the drawing in which like numerals designate like parts, the embodiment of FIGS. 1 to 4 comprises an inverted frusto-conical paper shell **11** open at the top and bottom. The top is adapted to be closed by a circular lid **12** after the contents **13** are inserted, such as ice cream, sherbet, milk ice, water ice, or other types of frozen confectionary materials or combinations thereof.

The bottom of the paper shell is closed by a removable inverted frusto-conical plug **14** which forms the bottom wall or base of the container and upon which the confectionary material **13** is deposited.

The plug **14** comprises an upper disc **15** and a lower disc **16** connected to each other by a group of vertical fins **17**, preferably in the form of crossed members, as shown. A portion of the lower disc **16**, such as the diametrical portion **18**, is upwardly recessed and a handle **19** is integrally formed with the plug at the recess. The upper end of the handle **19** adjacent the portion **18** is of reduced cross-section to form a neck **20** as a weakened break-off point for the purpose of fracturing and separating the handle from the plug at a point above the bottom of the disc **16**.

Integral with the upper disc **15** is a figurine **21** which projects upwardly therefrom and is encased in the confectionary material **13**. This figurine may be a surprise toy for children, but functionally serves as a retainer for preventing the lateral slippage of the confectionary material on the disc **15**. After the confectionary material is consumed, the handle **19** is broken off, as explained above, thereby resulting in a toy that can be supported on a horizontal surface. Also, any sharp or rough edges occasioned by the fracture is concealed within the recess, thereby serving to protect a child playing with the toy from injury therefrom.

The embodiment of FIGS. 5, 6 and 7 differs from the embodiment of FIGS. 1 to 4 in the form of the plug member. The plug member of this embodiment comprises a disc **22** having a downwardly extending and tapering frusto-conical flange **23**. The handle **24** is attached to the bottom of the disc **22** with a constricted neck portion **25** as the break-off or fracture point.

The embodiment of FIG. 8 differs from the previously described embodiment in providing a plug member **26** of a solid material with a recess **27** at the bottom, similar to that of the first embodiment, and a handle **28** with a similar constructed neck portion **29** adjacent the recess.

The plug member of each of the embodiments is preferably formed of any suitable conventional plastic material, such as polyethylene, polystyrene, etc. but may be of any other suitable liquid impervious material that will not contaminate food and which is otherwise safe to use in contact with food.

The modification of the first embodiment illustrated in FIGS. 9, 10, 11 and 12 comprises essentially reduction in length of the vertical fins **17**.

Having thus described our invention, we claim:

The combination of a frusto-conical container and an end closure member, said container having a smaller opening at one end and a larger opening at the other end, said member comprising a one-piece plastic plug having a relatively larger imperforate disc at one end and a relatively smaller imperforate disc at the other end,

said discs being disposed in planes spaced from and parallel to each other, integral means securing the discs together, said means being disposed between the discs and being inwardly offset from the peripheries of the discs, the diameter of the smaller disc being substantially equal to the diameter of the said smaller opening and the diameter of the larger disc being substantially equal to the diameter of the container at a distance from the said smaller opening equal to the distance between the said discs, and a stem handle rigidly secured to the center of the smaller diameter disc, said handle projecting axially in a direction opposite said larger disc and extending beyond the container a substantial distance, said larger disc being in continuous peripheral engagement with the container and said smaller disc being disposed in and filling said smaller opening.

References Cited by the Examiner

UNITED STATES PATENTS

900,240	10/08	Valentine	215—48
1,990,198	2/35	Murphy.	
2,162,224	6/39	Legge	206—56
2,469,589	5/49	Barricini.	
2,532,373	12/50	Schlumbohm	220—42
2,619,087	11/52	Oclassen et al.	206—56
2,709,436	5/55	Lynn	206—56
2,724,385	11/55	Lockhart	206—56
3,015,120	1/62	Anderson	206—56

THERON E. CONDON, *Primary Examiner.*

EARLE J. DRUMMOND, *Examiner.*