

US00D446452B1

(12) United States Design Patent (10) Patent No.: (45) Date of Patent:

Buck et al.

(54) FLEXIBLE PACKAGE OPENING

- Inventors: Frederick Allan Buck, Neenah; (75) Andrew Kuo, Appleton; Yvette Lynn Hammonds, Fond du Lac, all of WI (US); John David Amundson, Crawley (GB)
- (73)Assignee: Kimberly-Clark Worldwide, Inc., Neenah, WI (US)
- (**) Term: 14 Years
- (21)Appl. No.: 29/121,012
- (22) Filed: Mar. 30, 2000
- (51) LOC (7) Cl. 09-07
- U.S. Cl. D9/434; D9/447 (52)
- Field of Search D9/339, 414, 434, (58)D9/447, 449; D6/515, 518, 592; 206/494, 824; 221/45, 63

(56)**References Cited**

U.S. PATENT DOCUMENTS

D. 263,283	3/1082	Ronayne .
/		
D. 296,765	7/1988	Urion .
D. 395,952	7/1998	Buczwinski et al
D. 397,938	9/1998	Graham et al
D. 412,439	8/1999	Cormack .
D. 414,637	10/1999	Amundson et al
D. 430,455	9/2000	Pickens .
2,004,614	6/1935	Meagher .
3,095,991	7/1963	Paniagua .
3,749,296	7/1973	Harrison .

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

0 068 722 B1	4/1988	(EP) .
0 331 027 B1	1/1992	(EP).
0 744 357 A1	11/1996	(EP).
0 644 130 B1	5/1998	(EP).

OTHER PUBLICATIONS

US D446.452 S

** Aug. 14, 2001

U.S. Design application No. 29/121,011 filed Mar. 30, 2000 by Frederick A. Buck et al. for "Container with Flexible Opening".

U.S. Design application No. 29/121,018 filed Mar. 30, 2000 by Frederick A. Buck et al. for "Container with Domed Inner Cover".

U.S. application No. 09/538,711 filed Mar. 30, 2000 by Frederick A. Buck et al. for "Wet Wipe Container with Flexible Orifice".

American Society for Testing Materials (ASTM) Designation: D 412-98a "Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension¹" pp. 43-55, published Aug. 1998.

(List continued on next page.)

Primary Examiner-Cathron C. Brooks

(74) Attorney, Agent, or Firm-Michael J. Bendel

CLAIM (57)

We claim the ornamental design for a flexible package opening, as shown and described.

DESCRIPTION

The ornamental design of this invention is a pop-up dispensing opening for a flexible wet wipes container. The opening comprises a flexible material having a star-shaped slit configuration.

FIG. 1 is a perspective view of a flexible package opening in accordance with this invention.

FIG. 2 is a top plan view thereof with the lid closed.

FIG. 3 is a bottom plan view thereof.

FIG. 4 is a left side view thereof.

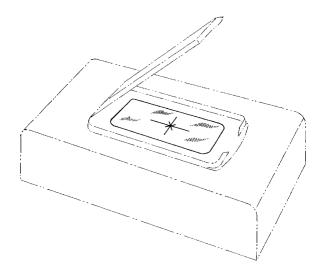
FIG. 5 is a right side view thereof.

FIG. 6 is a front side view thereof; and,

FIG. 7 is a rear side view thereof.

The broken line showing of a package and lid are for illustrative purposes only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



U.S. PATENT DOCUMENTS

3,780,908	12/1973	Fitzpatrick et al
3,836,044	9/1974	Tilp et al
3,868,052	* 2/1975	Rockefeller 225/106
3,994,417	11/1976	Boedecker .
4,004,687	1/1977	Boone .
4,017,002	4/1977	Doyle et al
4,133,457	1/1979	Klassen .
4,180,160	12/1979	Ogawa et al
4,289,262	9/1981	Finkelstein .
4,337,876	7/1982	Thompson .
4,784,290	11/1988	Howard .
4,848,575	7/1989	Nakamura et al
5,368,188	11/1994	Twardowski .
5,542,567	8/1996	Julius .
5,704,471	1/1998	Yamada .
5,729,955	3/1998	Yamada .
5,785,179	7/1998	Buczwinski et al
5,908,138	6/1999	Vlahakis et al
6,152,322	11/2000	Marino .

6,164,442	12/2000	Stravitz .	
6,182,858	2/2001	Hartog .	

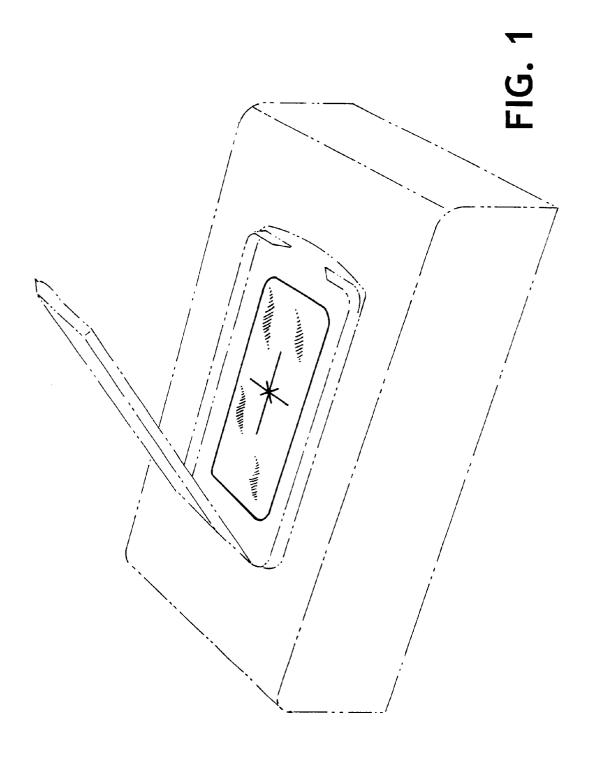
OTHER PUBLICATIONS

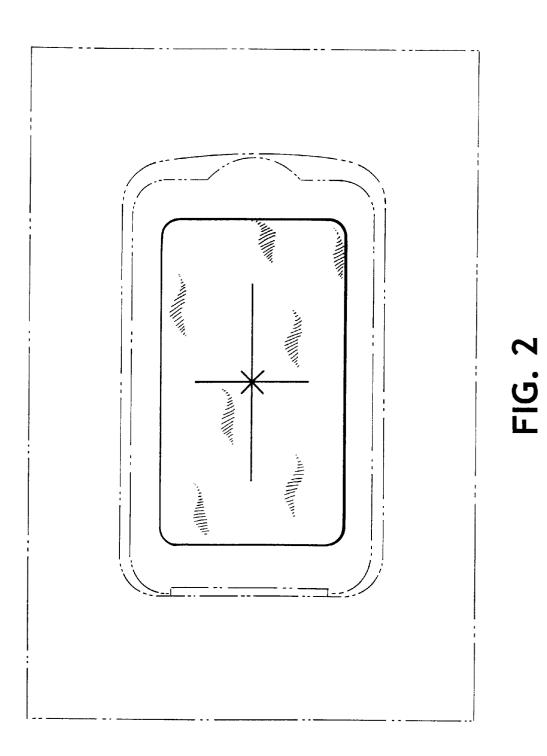
American Society for Testing Materials (ASTM) Designation: D 790–99 "Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials¹" pp. 150–158, published Feb. 2000.

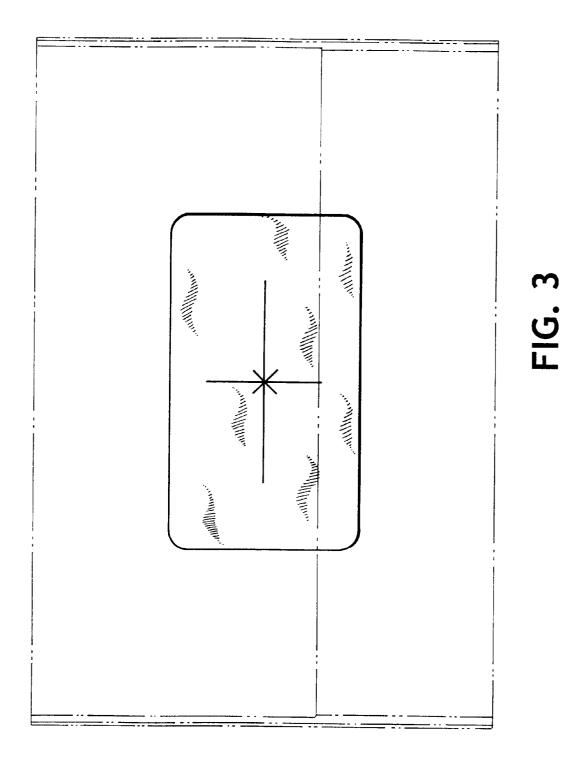
American Society for Testing Materials (ASTM) Designation: D 2240–97^{e1} "Standard Test Method for Rubber Property—Durometer Hardness¹" pp. 400–403, published Mar. 1997.

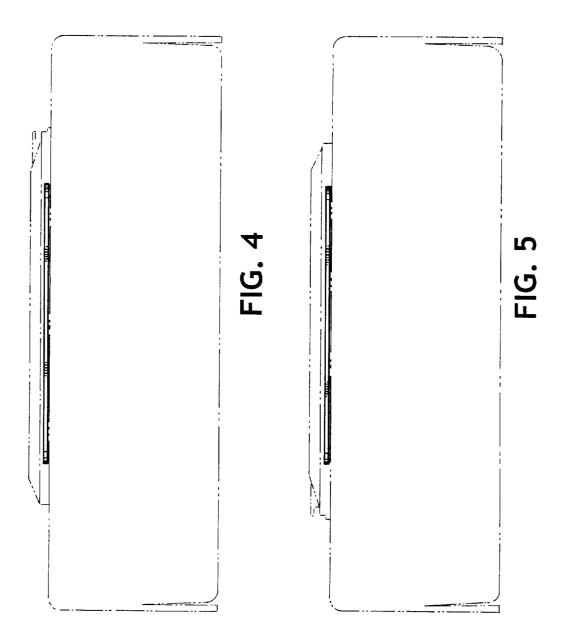
American Society for Testing Materials (ASTM) Designation: D 6125–97 "Standard Test Method for Bending Resistance of Paper and Paperboard (Gurley Type Tester)¹" pp. 885–889, published Feb. 1998.

* cited by examiner









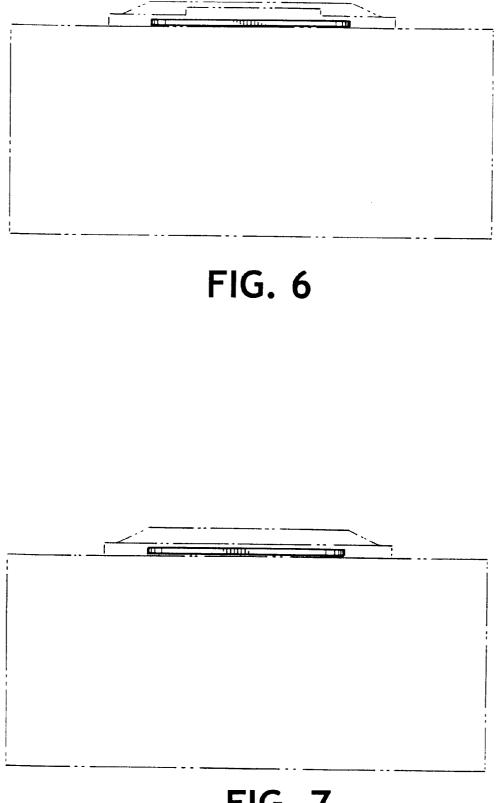


FIG. 7