



US00D711503S

(12) **United States Design Patent**
Jackson et al.

(10) **Patent No.:** **US D711,503 S**

(45) **Date of Patent:** **** Aug. 19, 2014**

(54) **DROP FILTER TOP CAP**
(71) Applicant: **Whirlpool Corporation**, Benton Harbor, MI (US)
(72) Inventors: **Beth Jackson**, St. Joseph, MI (US);
David Cooper, Kalamazoo, MI (US);
Scott Bradford, Cassinetta (IT)

5,328,597 A 7/1994 Boldt
5,393,548 A 2/1995 Heiligman
5,411,661 A 5/1995 Heiligman
D369,850 S * 5/1996 Cammack et al. D23/209
D370,051 S * 5/1996 Samson et al. D23/209
5,652,008 A 7/1997 Heiligman
5,656,160 A 8/1997 Parise

(Continued)

(73) Assignee: **Whirlpool Corporation**, Benton Harbor, MI (US)

Drop Speaker, Zumreed, "Music with Style", Copyright 2010 Dreams, Inc.

(**) Term: **14 Years**

(Continued)

(21) Appl. No.: **29/448,765**

Primary Examiner — Robin V Webster

(22) Filed: **Mar. 13, 2013**

(57) **CLAIM**

(51) **LOC (10) Cl.** **23-01**

We claim the ornamental design for drop filter top cap, as shown.

(52) **U.S. Cl.**

DESCRIPTION

USPC **D23/209**

(58) **Field of Classification Search**

USPC D23/207-209; 210/435, 446, 451, 455,
210/464, 466, 469, 473, 474, 477, 482;
D7/700

See application file for complete search history.

FIG. 1 is a perspective view of the drop filter top cap according to an embodiment of the present invention;

FIG. 2 is another perspective view of the drop filter top cap shown in FIG. 1;

FIG. 3 is a front view of the drop filter top cap shown in FIG. 1;

FIG. 4 is a back view of the drop filter top cap shown in FIG. 1;

FIG. 5 is a right side view of the drop filter top cap shown in FIG. 1;

FIG. 6 is a left side view of the drop filter top cap shown in FIG. 1; and

FIG. 7 is a top view of the drop filter top cap shown in FIG. 1; and,

FIG. 8 is a bottom view of the drop filter top cap shown in FIG. 1.

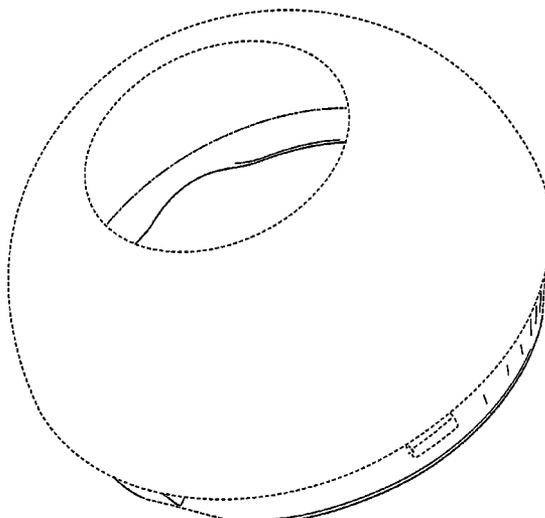
The broken lines in the Figures are for contextual purposes and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

651,948 A 6/1900 Lawson
1,536,890 A 5/1925 Lagemann
1,674,203 A 6/1928 Thomas
D217,381 S * 4/1970 Douglas D7/400
3,823,824 A 7/1974 Close
4,283,283 A 8/1981 Zimmerman
4,419,235 A 12/1983 Sway
4,528,095 A 7/1985 Byrne
4,764,274 A 8/1988 Miller
4,828,692 A 5/1989 Peranio
4,867,875 A 9/1989 Peranio
4,948,499 A 8/1990 Peranio
4,999,109 A 3/1991 Sabre
5,318,703 A 6/1994 Heiligman

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,826,493 A 10/1998 Tien Lin
 5,846,418 A 12/1998 Thompson
 5,914,045 A 6/1999 Palmer
 6,024,867 A 2/2000 Parise
 6,074,550 A 6/2000 Hofmann et al.
 6,290,847 B1 9/2001 Cutler
 6,428,687 B1 8/2002 Moretto
 D496,429 S 9/2004 Donnelly
 7,094,334 B1 8/2006 Guzman
 7,163,625 B1 1/2007 Williamson
 7,294,277 B2 11/2007 Moretto
 7,309,418 B2 12/2007 Joyce
 7,585,409 B2 9/2009 Bovind
 D602,558 S 10/2009 Beams
 7,678,282 B2 3/2010 Moretto
 D617,868 S 6/2010 Leavitt

7,836,708 B2 11/2010 Krause
 7,862,720 B2 1/2011 Brown
 D657,844 S 4/2012 Smiedt
 D697,170 S * 1/2014 Bradford et al. D23/209
 D697,171 S * 1/2014 Bradford et al. D23/209
 2010/0044284 A1 2/2010 Scholz
 2010/0084347 A1 4/2010 Wilder
 2012/0148707 A1 6/2012 Lackey

OTHER PUBLICATIONS

Zumreed Rain Drop LED Bathroom Light, online article by Liszewski, Andrew on May 14, 2007, website www.ohgizmo.com.
 Zumreed Drop—Showering With Your Ipod., Copyright One Piece Discoveries Science and Tech Blog 2009-2010.
<http://www.somawater.co/> (web page Dec. 2012).
<http://www.kickstarter.com/projects/zachallia/soma-beautifully-innovative-all-natural-water-filt> (web page Dec. 2012).

* cited by examiner

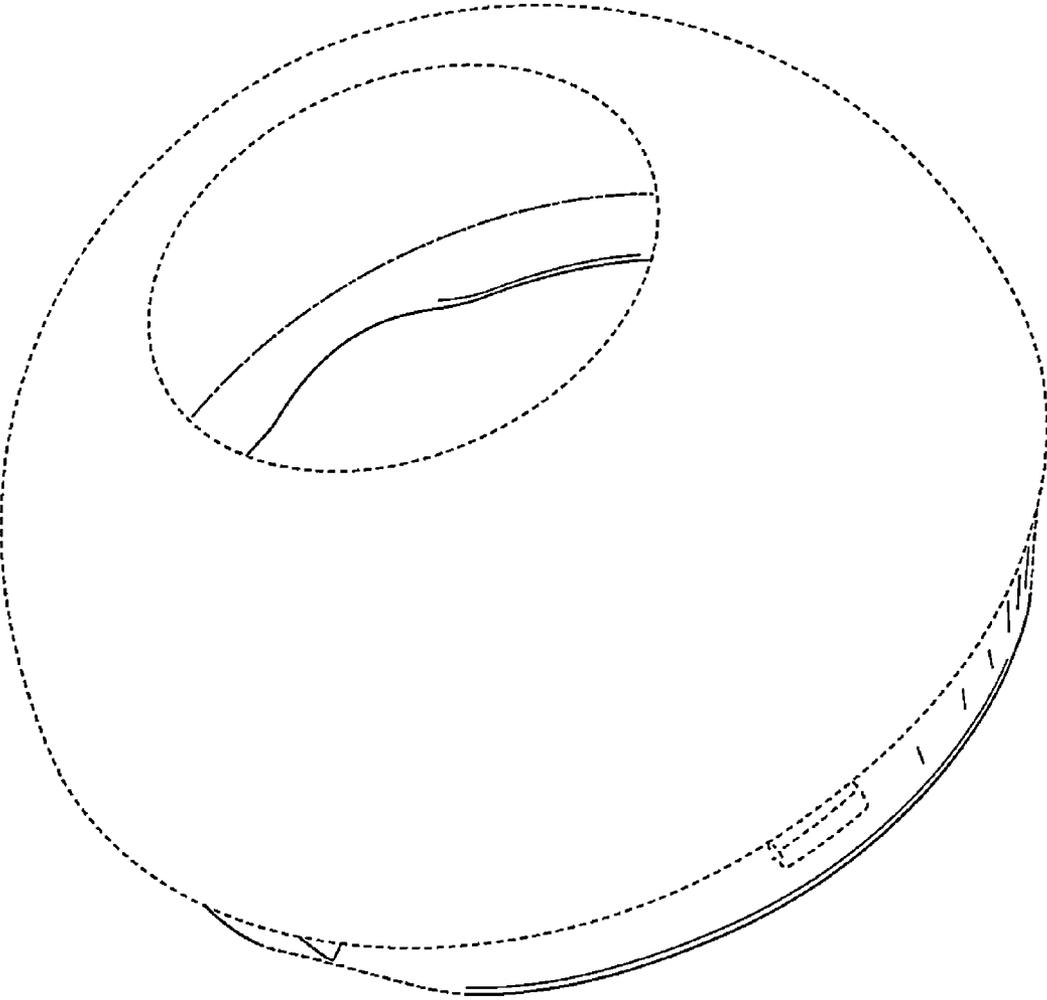


FIG. 1

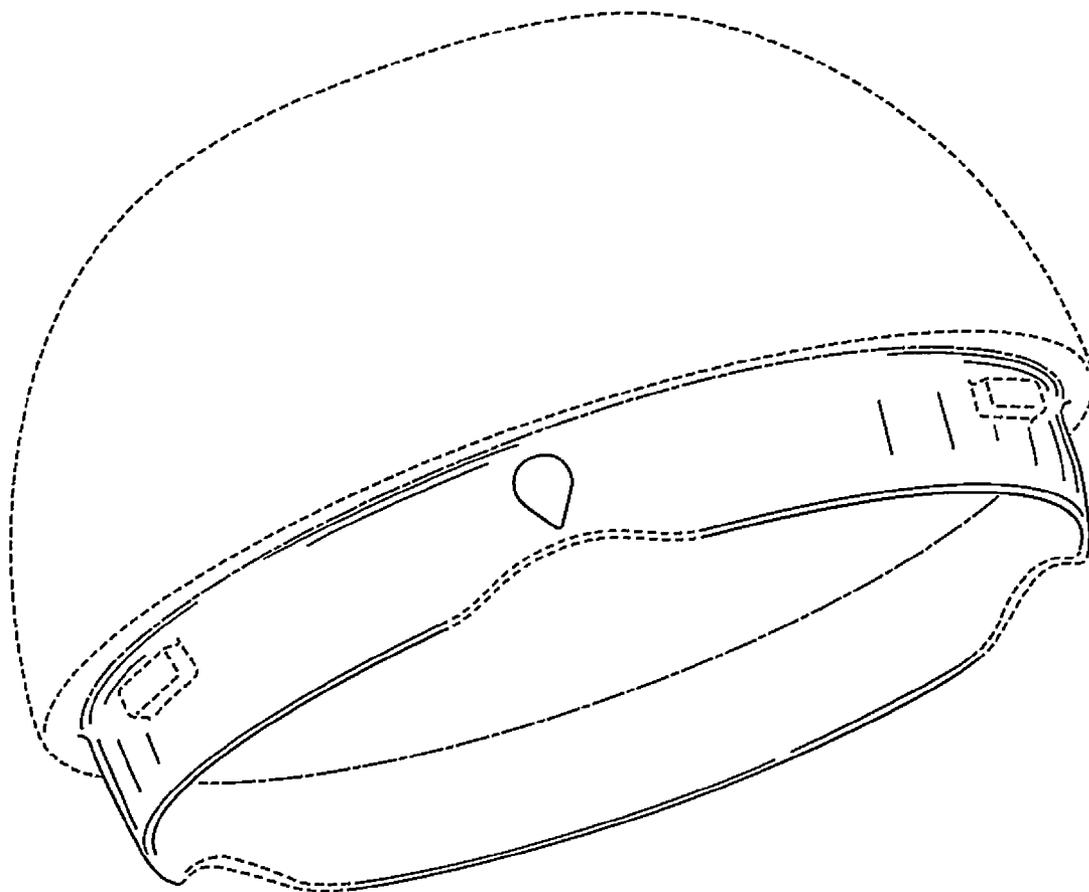


FIG. 2

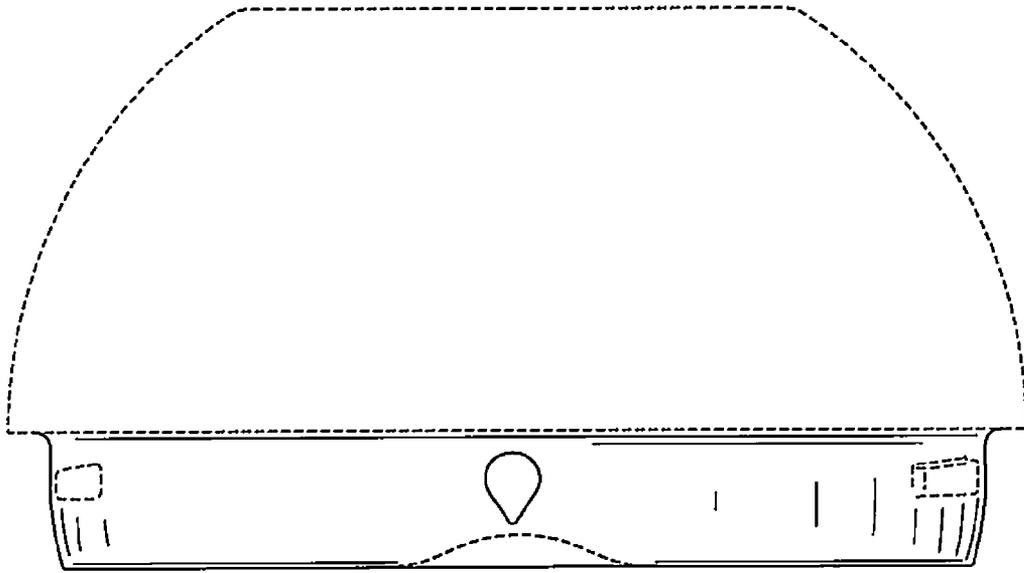


FIG. 3

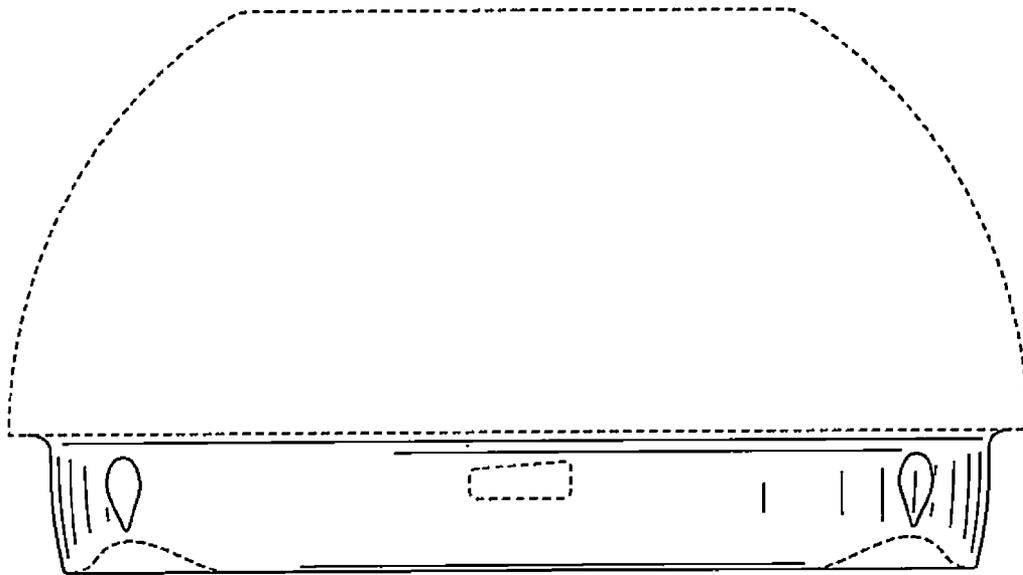


FIG. 4

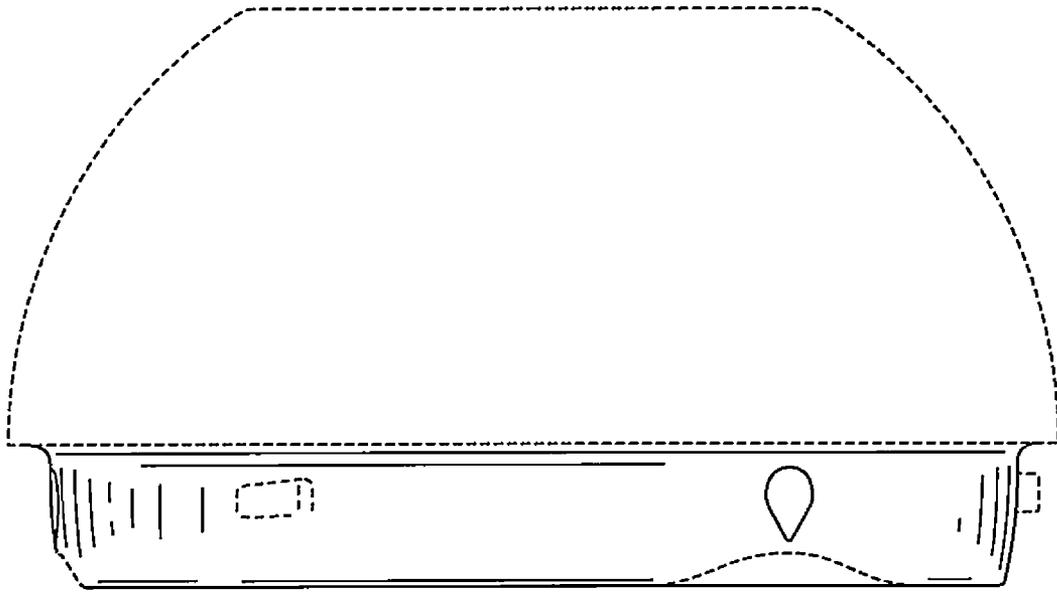


FIG. 5

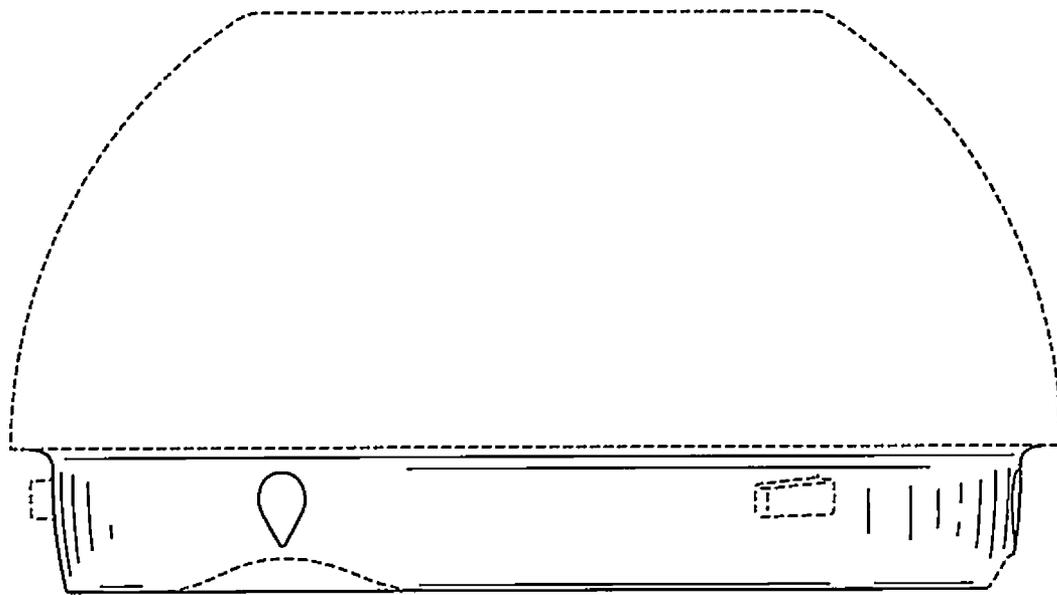


FIG. 6

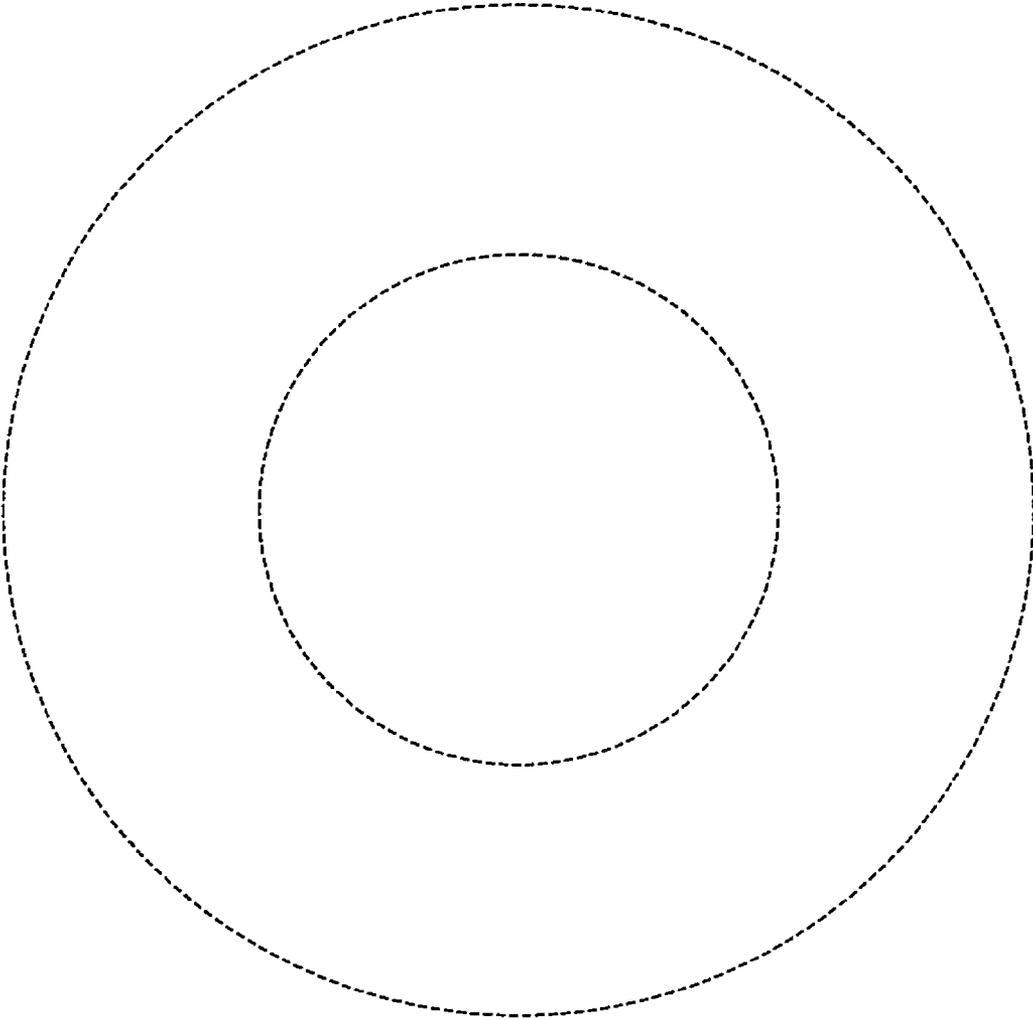


FIG. 7

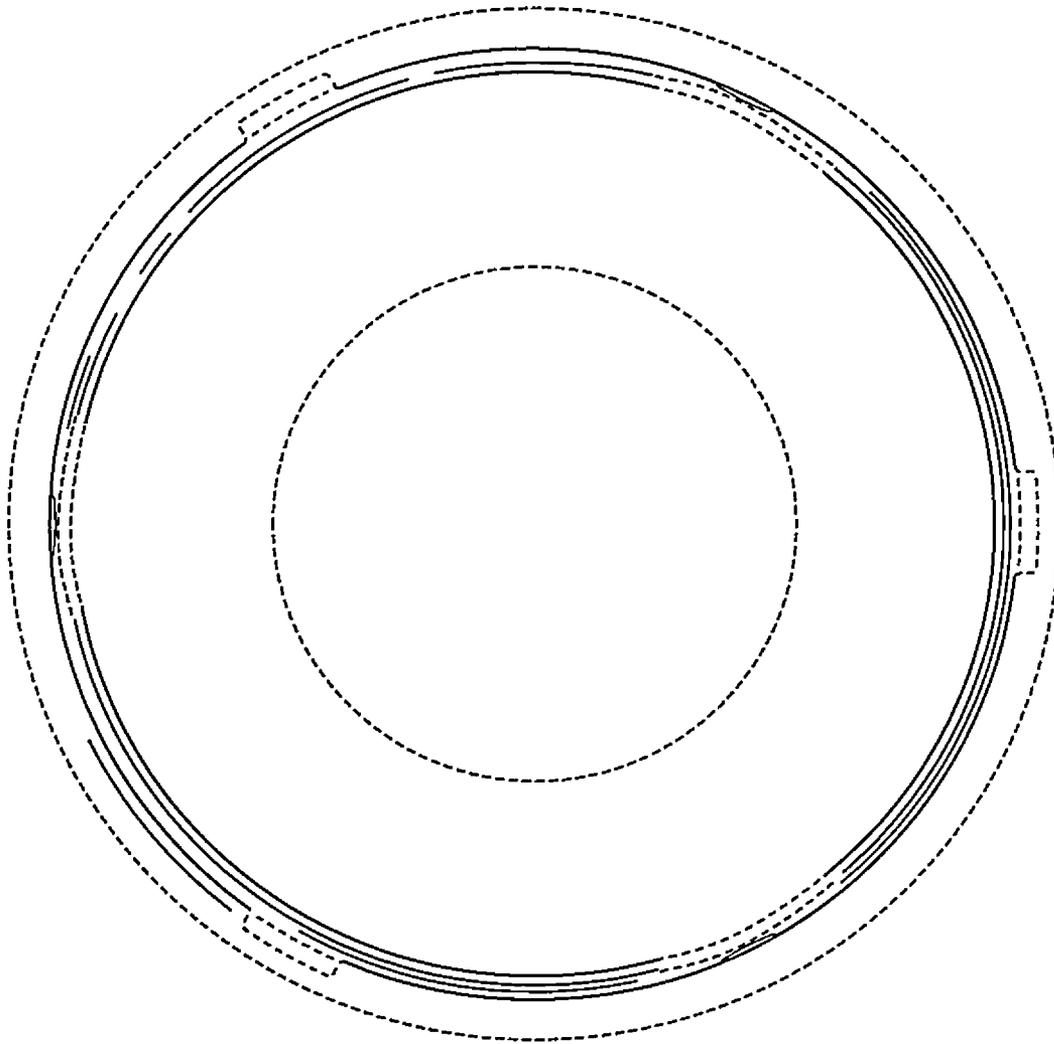


FIG. 8