



US00D709641S

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

(10) **Patent No.:** **US D709,641 S**  
(45) **Date of Patent:** **\*\* Jul. 22, 2014**

(54) **LUMINAIRE**

(75) Inventors: **Fredric S. Maxik**, Indialantic, FL (US);  
**David Henderson**, Indialantic, FL (US);  
**Mark Penley Boomgaarden**, Satellite  
Beach, FL (US); **Addy S. Widjaja**, Palm  
Bay, FL (US); **Emilio Flores**,  
Melbourne, FL (US); **Shane Sullivan**,  
Indialantic, FL (US); **Wei Sun**, Davie,  
FL (US)

(73) Assignee: **Lighting Science Group Corporation**,  
Satellite Beach, FL (US)

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

(21) Appl. No.: **29/391,820**

(22) Filed: **May 13, 2011**

(51) **LOC (10) Cl.** ..... **26-99**

(52) **U.S. Cl.**  
USPC ..... **D26/113**

(58) **Field of Classification Search**  
USPC ..... D26/1, 2, 3, 113, 118, 138, 26, 28, 78,  
D26/119, 128, 134, 142; 362/294, 235, 310;  
D13/179, 180

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D516,229 S *	2/2006	Tang	.....	D26/2
D527,119 S *	8/2006	Maxik et al.	.....	D26/2
D541,957 S *	5/2007	Wang	.....	D26/2
D545,457 S *	6/2007	Chen	.....	D26/2
D597,225 S *	7/2009	Yoo	.....	D26/2
D612,956 S *	3/2010	Moon	.....	D26/2
D616,576 S *	5/2010	Wang et al.	.....	D26/2
D625,437 S *	10/2010	Zhang et al.	.....	D26/2
D629,930 S *	12/2010	Cotter et al.	.....	D26/2
D631,576 S *	1/2011	Yoshinobu et al.	.....	D26/2
D636,902 S *	4/2011	Pei et al.	.....	D26/2
D645,579 S *	9/2011	Layevsky et al.	.....	D26/2
D648,041 S *	11/2011	Mahler et al.	.....	D26/2
D652,564 S *	1/2012	Maxik	.....	D26/118
D662,627 S *	6/2012	Pan	.....	D26/2

D666,748 S *	9/2012	Kim et al.	.....	D26/2
D667,148 S *	9/2012	Chun et al.	.....	D26/2
D668,798 S *	10/2012	Chen	.....	D26/2
D670,011 S *	10/2012	Kim	.....	D26/2
D678,595 S *	3/2013	Wu et al.	.....	D26/118

**OTHER PUBLICATIONS**

OA CA 142956 dated Jan. 3, 2013.  
OA CA 142957 dated Aug. 17, 2012.

\* cited by examiner

*Primary Examiner* — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(57) **CLAIM**

We claim, the ornamental design for a luminaire, as shown and described.

**DESCRIPTION**

FIG. 1 is a first side elevation view of the luminaire showing our new invention, the luminaire being symmetric about a center axis;

FIG. 2 is a top plan view of the embodiment of FIG. 1;

FIG. 3 is a bottom plan view of the embodiment of FIG. 1;

FIG. 4 is a first perspective view of the embodiment of FIG. 1;

FIG. 5 is a second perspective view of the embodiment of FIG. 1;

FIG. 6 is a first side elevation view of another embodiment of the invention, the luminaire being symmetric about a center axis;

FIG. 7 is a top plan view of the embodiment of FIG. 6;

FIG. 8 is a bottom plan view of the embodiment of FIG. 6;

FIG. 9 is a first perspective view of the embodiment of FIG. 6;

FIG. 10 is a second perspective view of the embodiment of FIG. 6;

FIG. 11 is a first side elevation view of another embodiment of the invention, the luminaire being symmetric about a center axis;

FIG. 12 is a top plan view of the embodiment of FIG. 11;

FIG. 13 is a bottom plan view of the embodiment of FIG. 11;

FIG. 14 is a first perspective view of the embodiment of FIG. 11;

FIG. 15 is a second perspective view of the embodiment of FIG. 11;

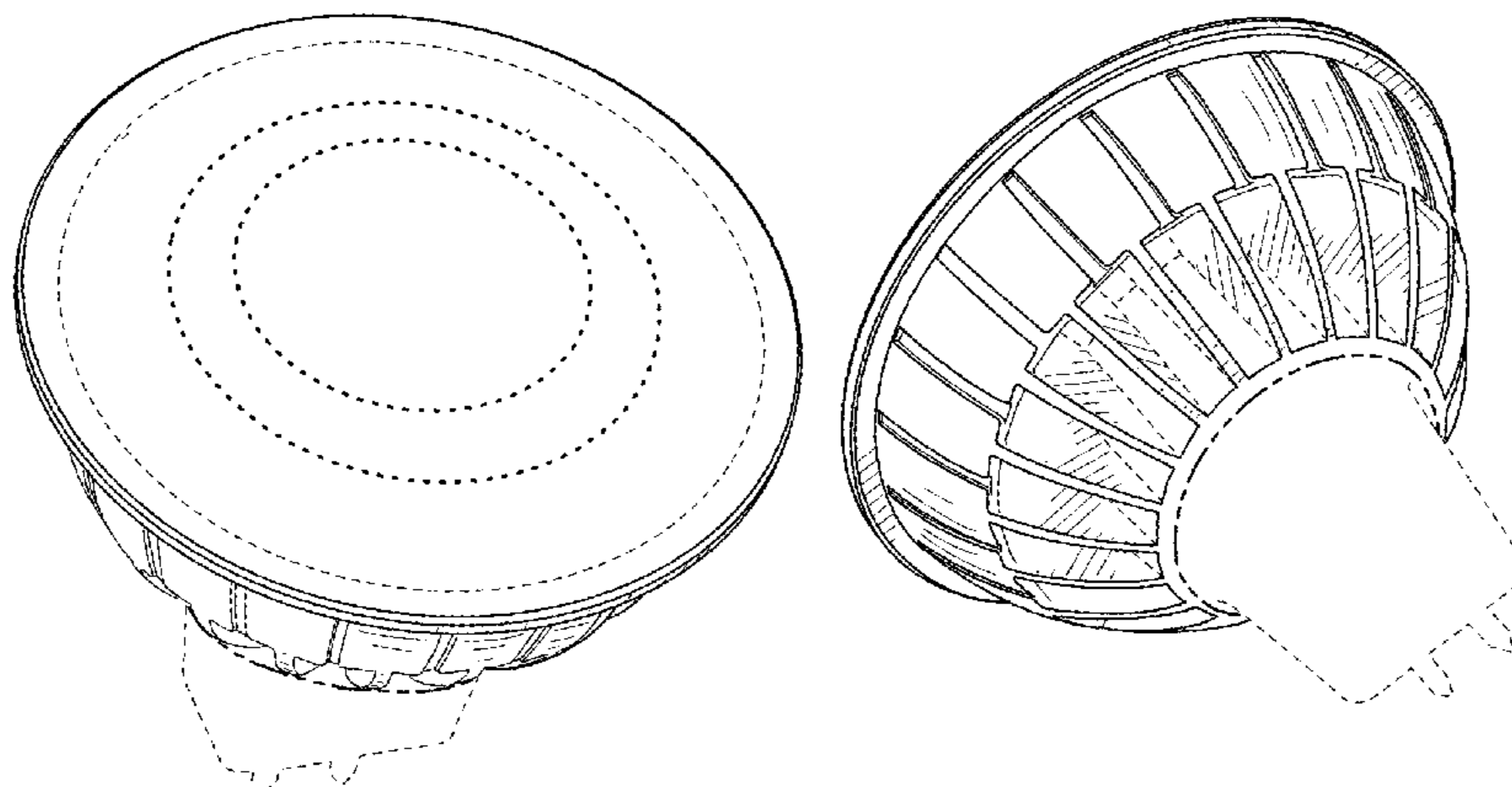


FIG. 16 is a first side elevation view of another embodiment of the invention, the luminaire being symmetric about a center axis;

FIG. 17 is a top plan view of the embodiment of FIG. 16;

FIG. 18 is a bottom plan view of the embodiment of FIG. 16;

FIG. 19 is a first perspective view of the embodiment of FIG. 16;

FIG. 20 is a second perspective view of the embodiment of FIG. 16;

FIG. 21 is a first side elevation view of another embodiment of the invention, the luminaire being symmetric about a center axis;

FIG. 22 is a top plan view of the embodiment of FIG. 21;

FIG. 23 is a bottom plan view of the embodiment of FIG. 21;

FIG. 24 is a first perspective view of the embodiment of FIG. 21;

FIG. 25 is a second perspective view of the embodiment of FIG. 21;

FIG. 26 is a first side elevation view of another embodiment of the invention, the luminaire being symmetric about a center axis;

FIG. 27 is a top plan view of the embodiment of FIG. 26;

FIG. 28 is a bottom plan view of the embodiment of FIG. 26;

FIG. 29 is a first perspective view of the embodiment of FIG. 26; and,

FIG. 30 is a second perspective view of the embodiment of FIG. 26.

The degree of transparency or opaqueness of the lens of the luminaire forms no part of the claimed design. The lens of the claimed luminaire may have facets, lenslets or other treatments.

The dash-dot lines shown in FIGS. 6, 8-10, 16, 18, 26 and 28 indicate a repeating pattern of the openings, the openings having any depth.

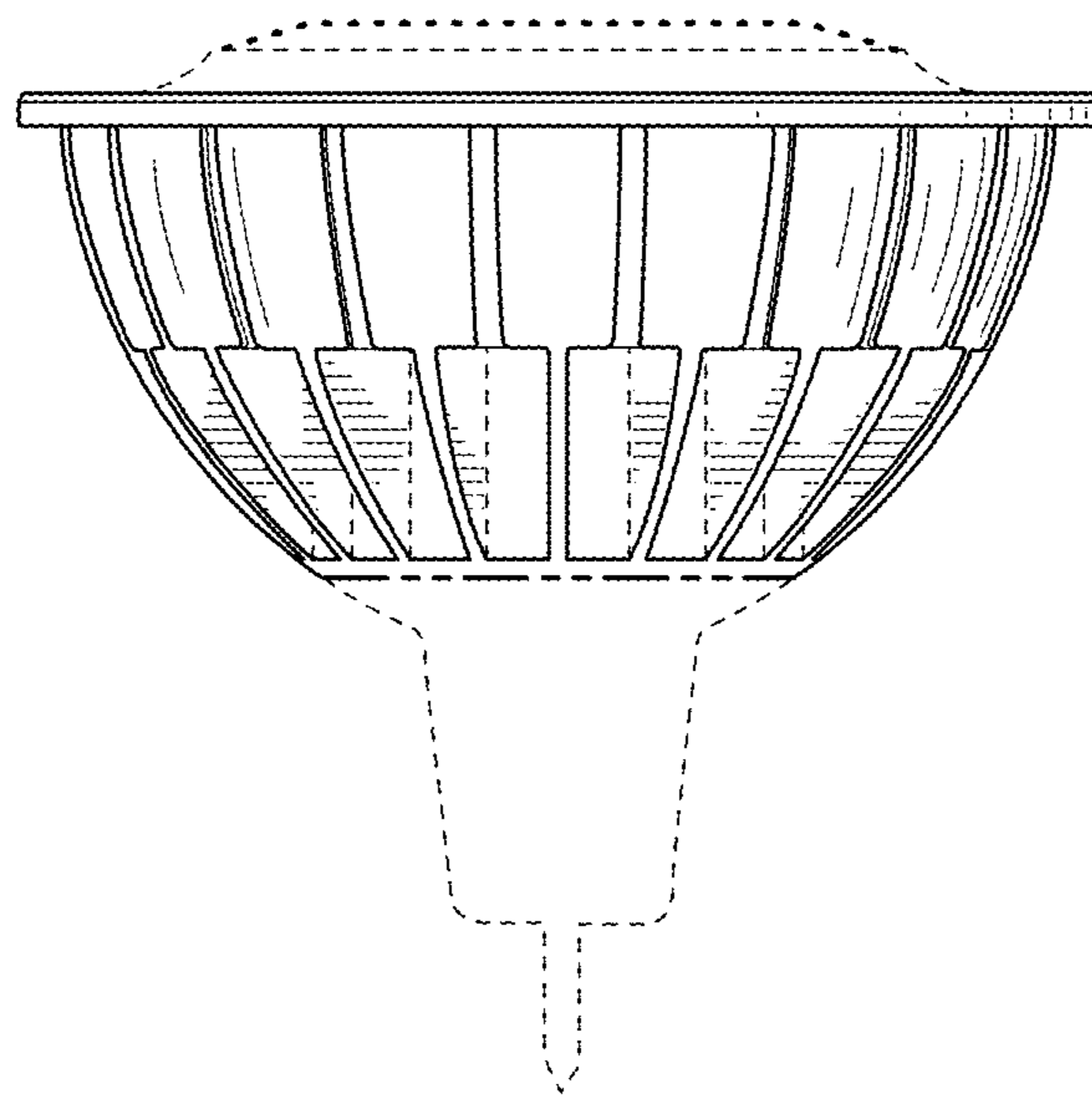
The broken lines shown in FIG. 1-FIG. 30 are environmental and not part of the claimed design.

Any color and/or shading that may be shown in FIG. 1-FIG. 30 forms no part of the claimed design, the luminaire according to the claimed design may be any color or combination of colors.

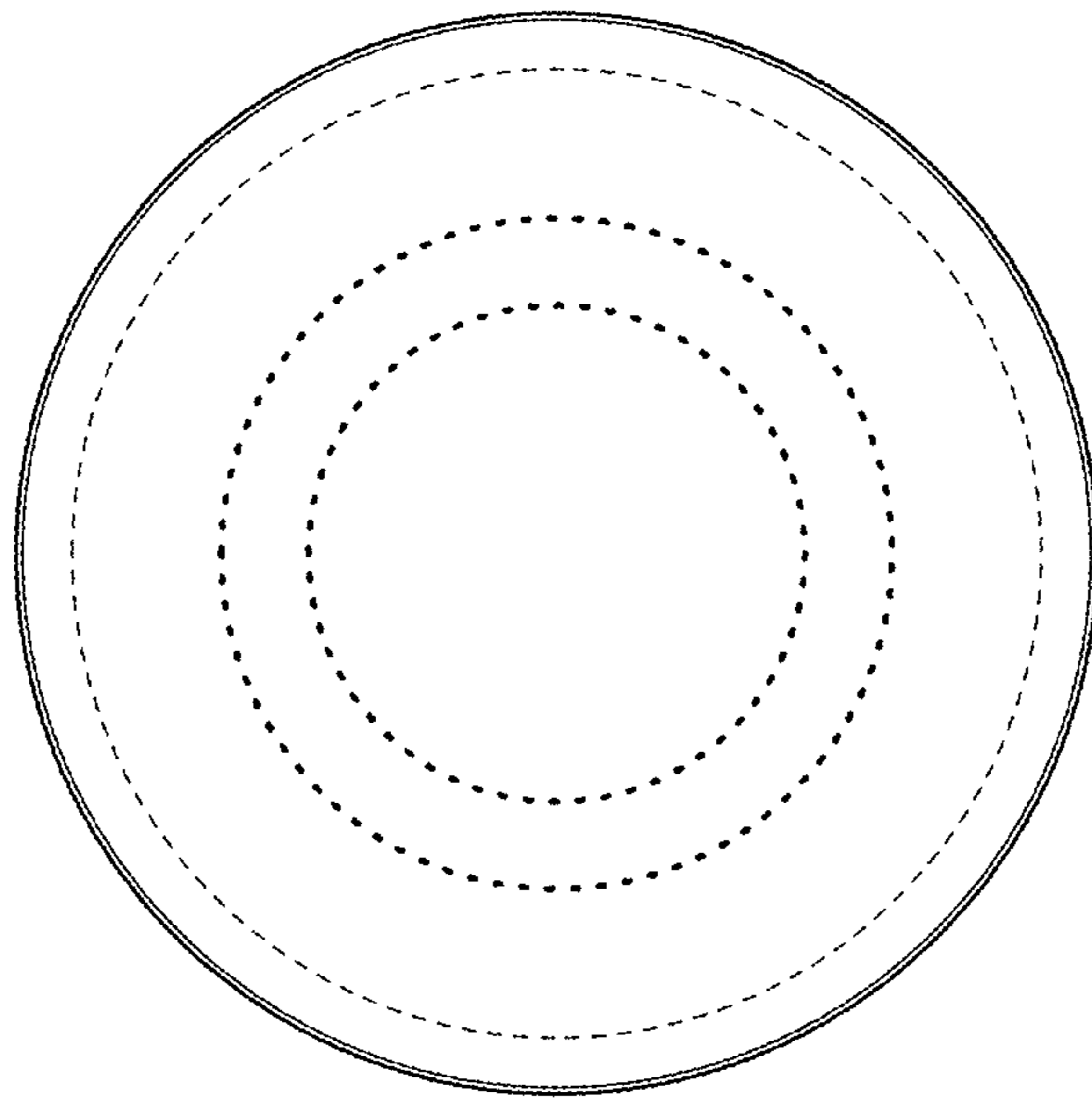
Any surface treatment that may be shown in FIG. 1-FIG. 30 forms no part of the claimed design, the luminaire of the claimed design may have any surface treatment.

References to "side", "top", "front" and "bottom" in the figure descriptions are not meant to require certain in-use orientation; a luminaire according to the claimed design may be used in any orientation.

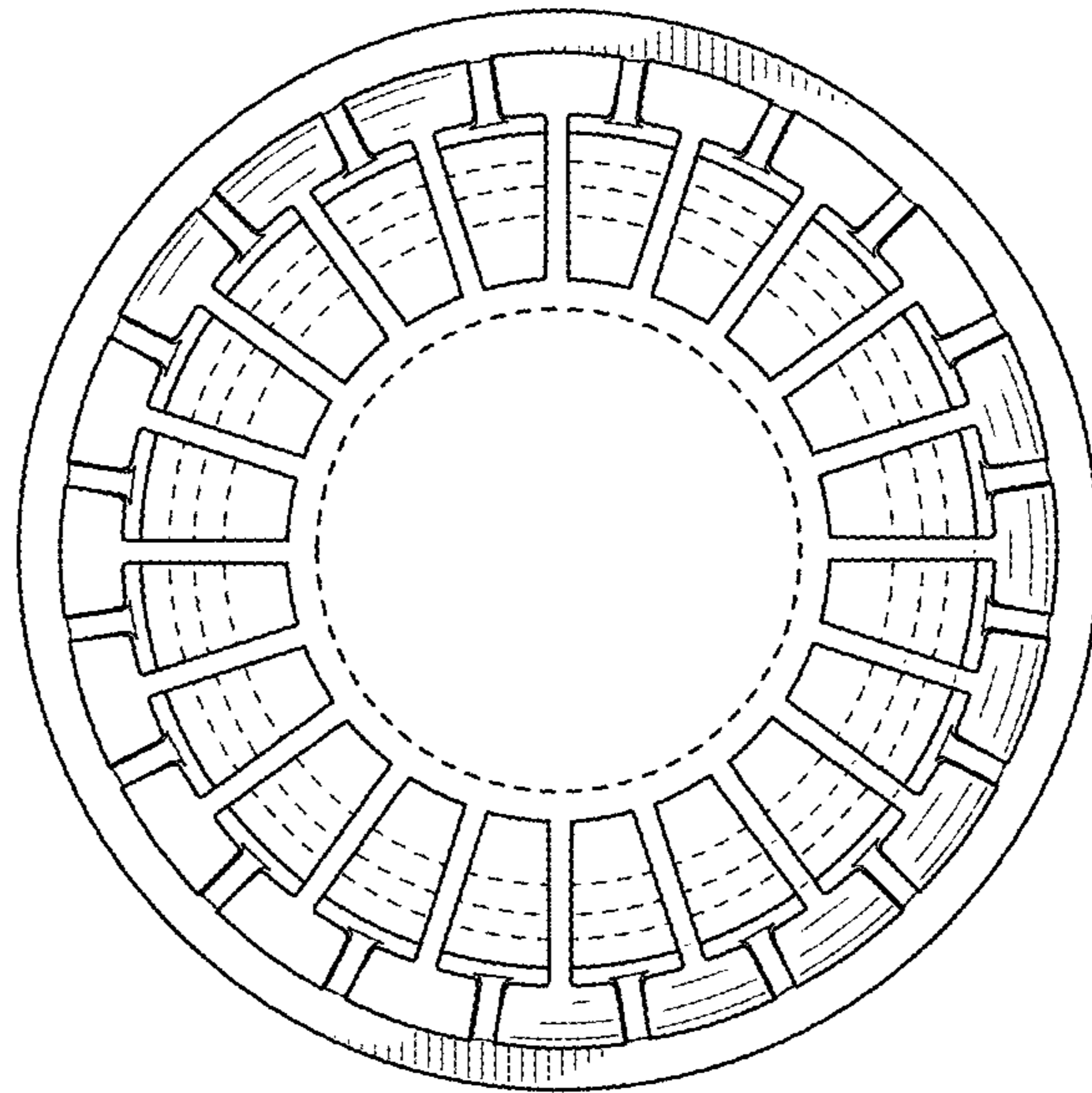
**1 Claim, 30 Drawing Sheets**



**FIG. 1**



**FIG. 2**



**FIG. 3**

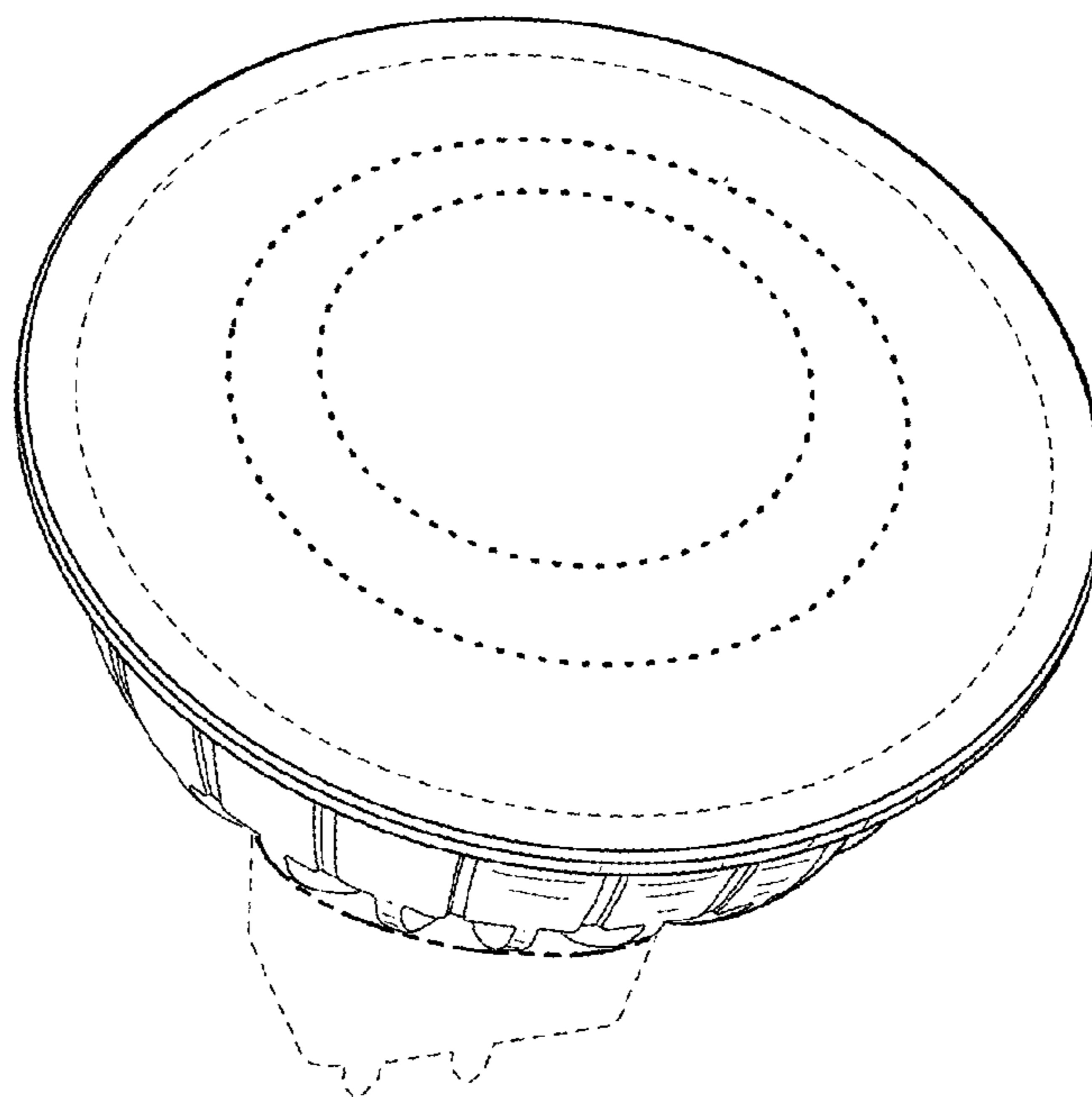
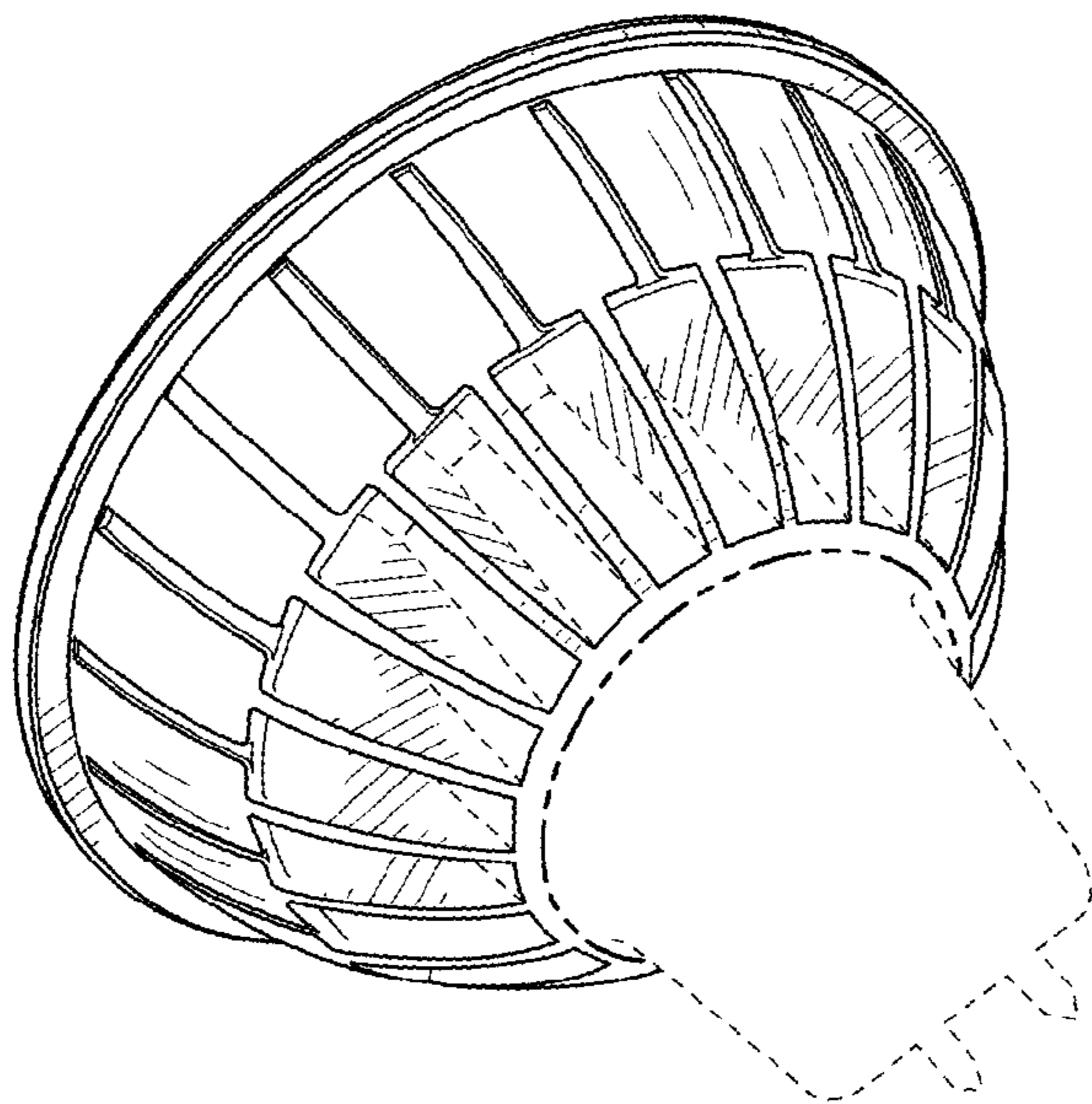
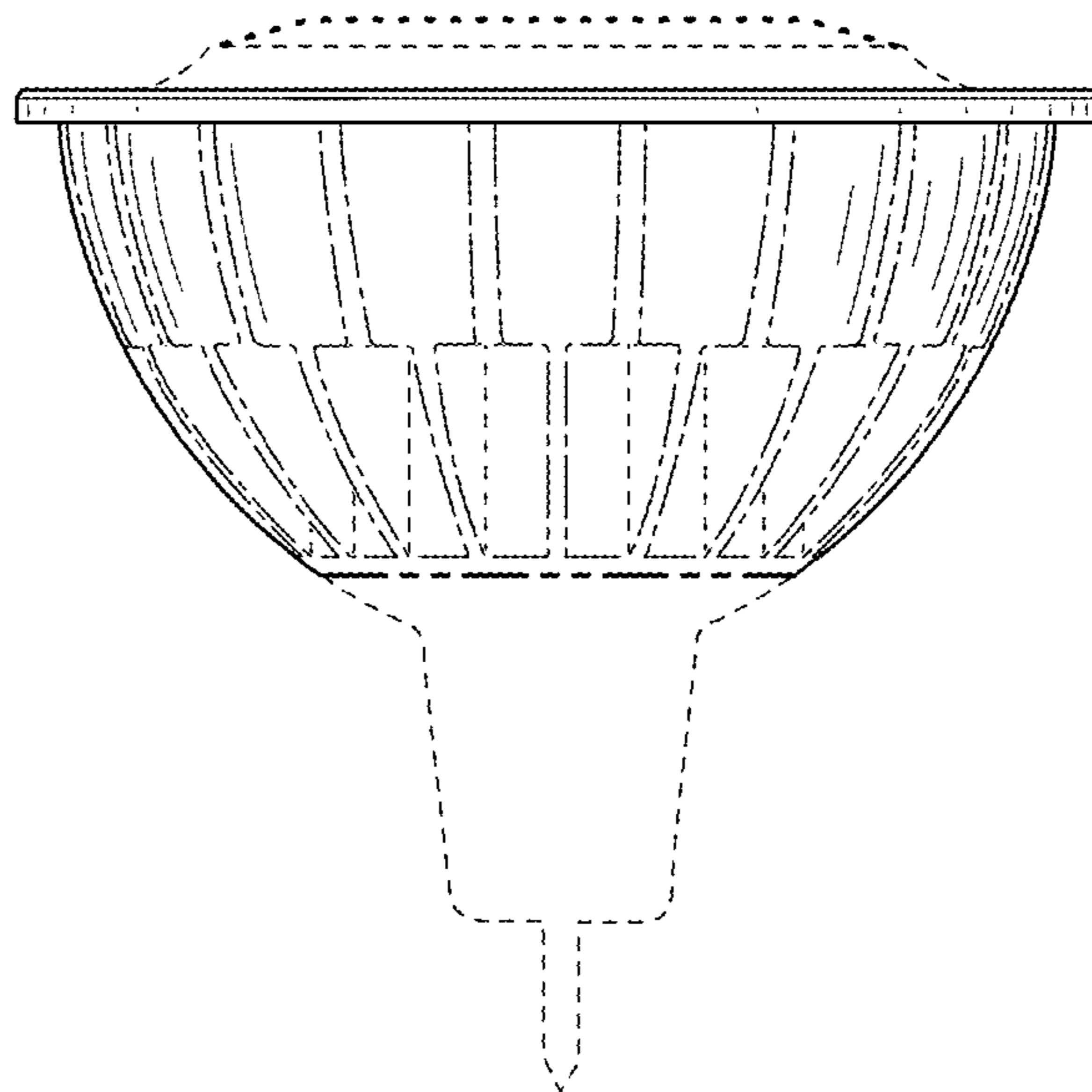


FIG. 4

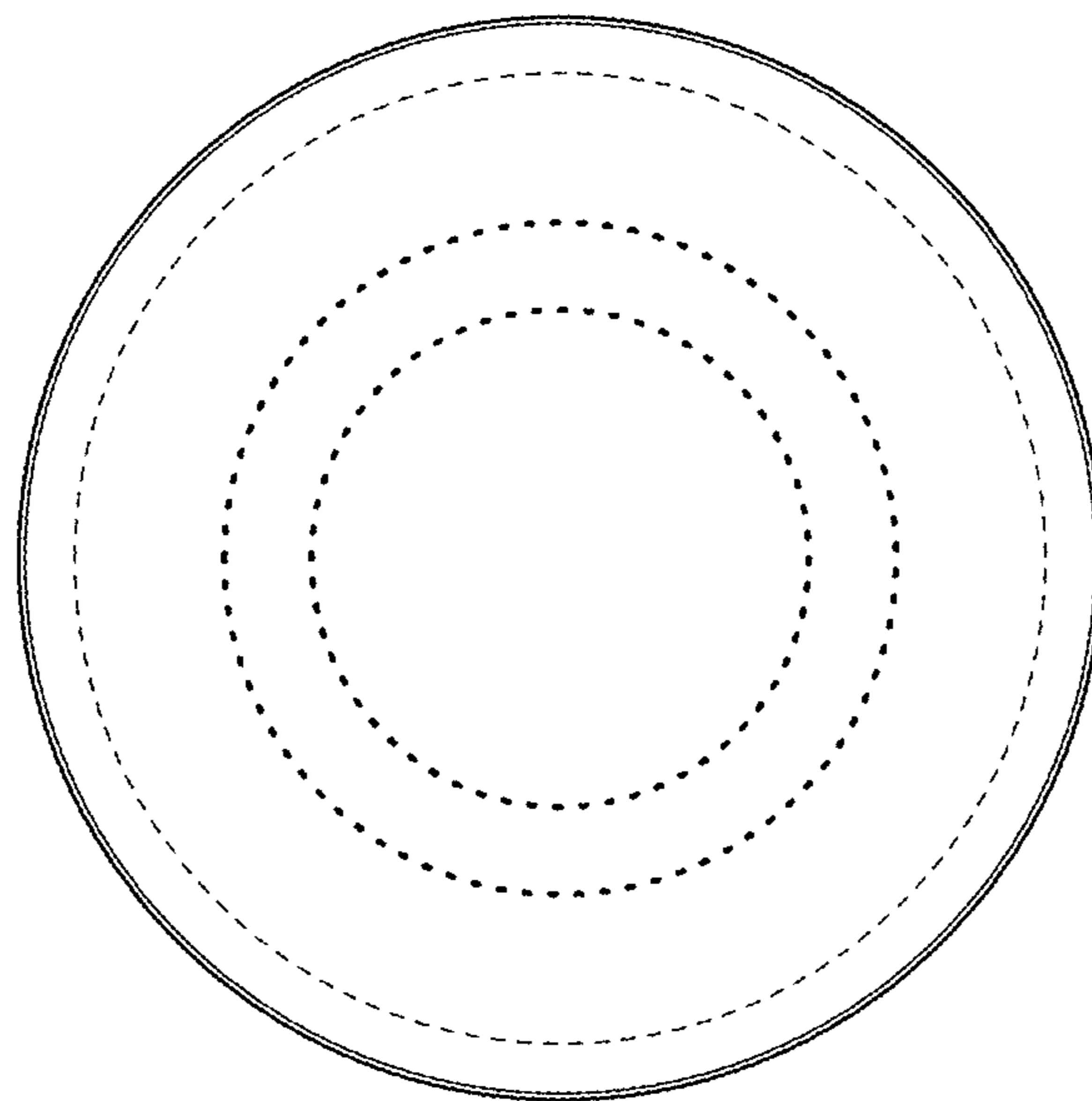


**FIG. 5**

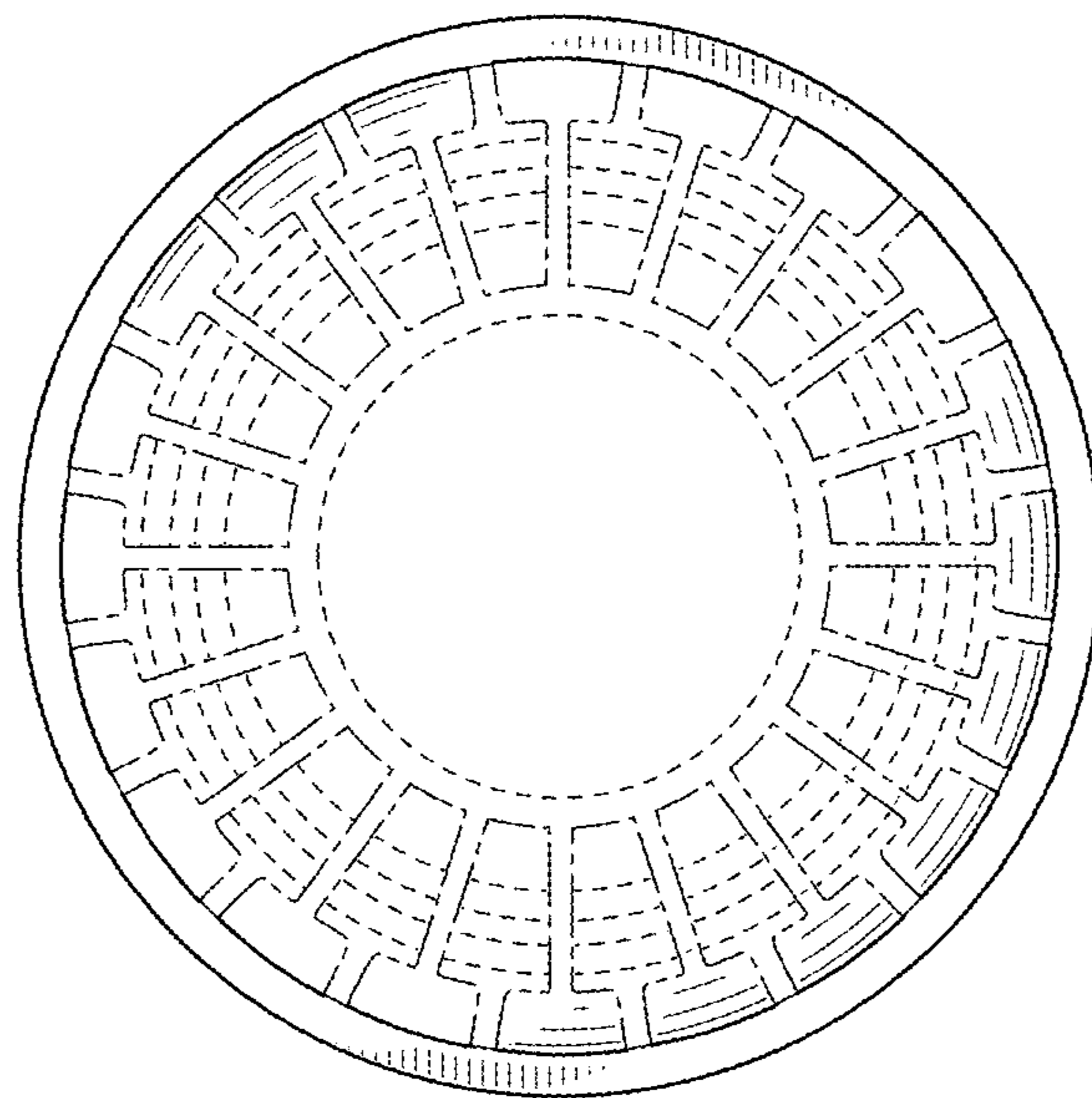


**FIG. 6**





**FIG. 7**



**FIG. 8**

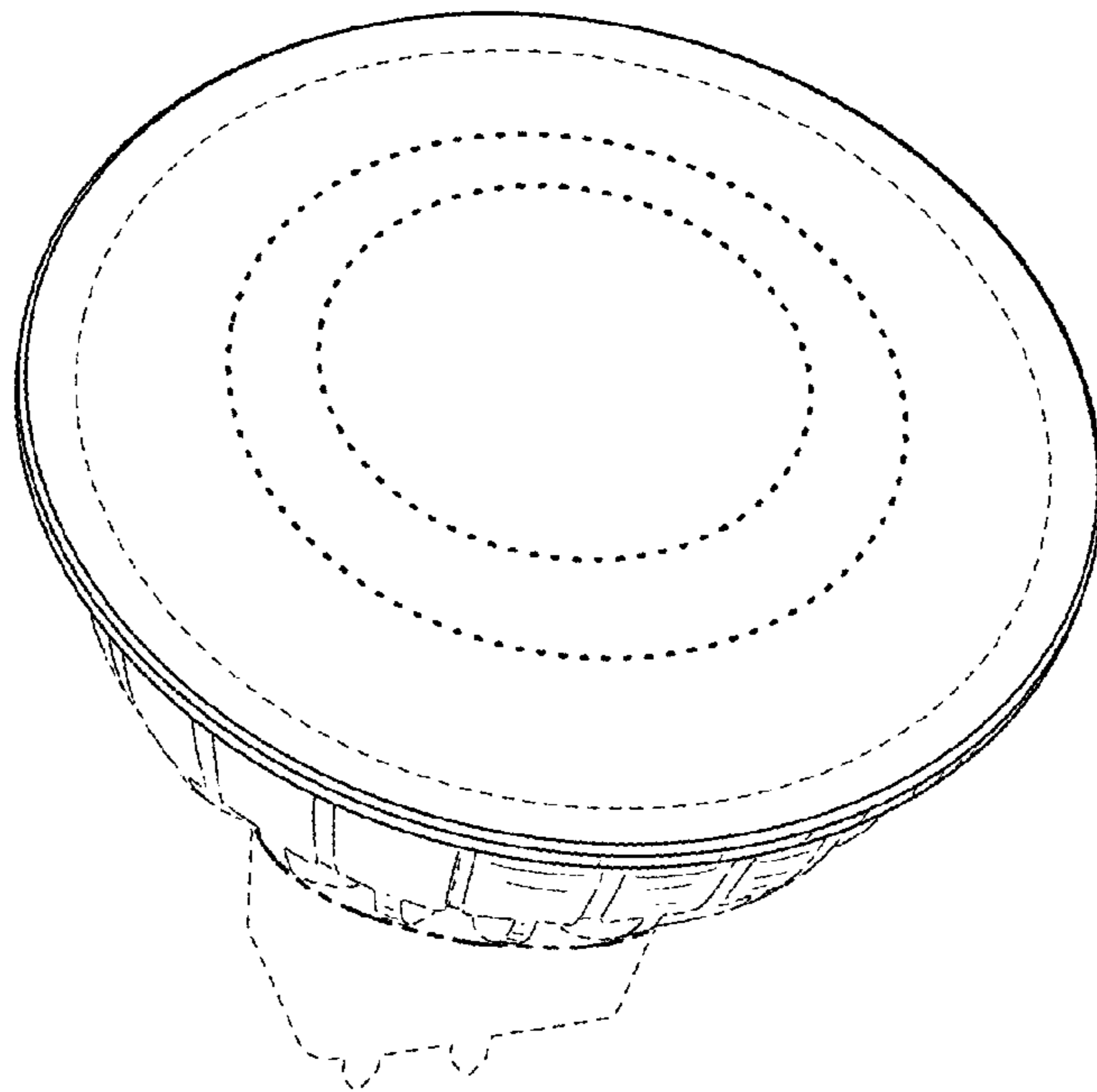
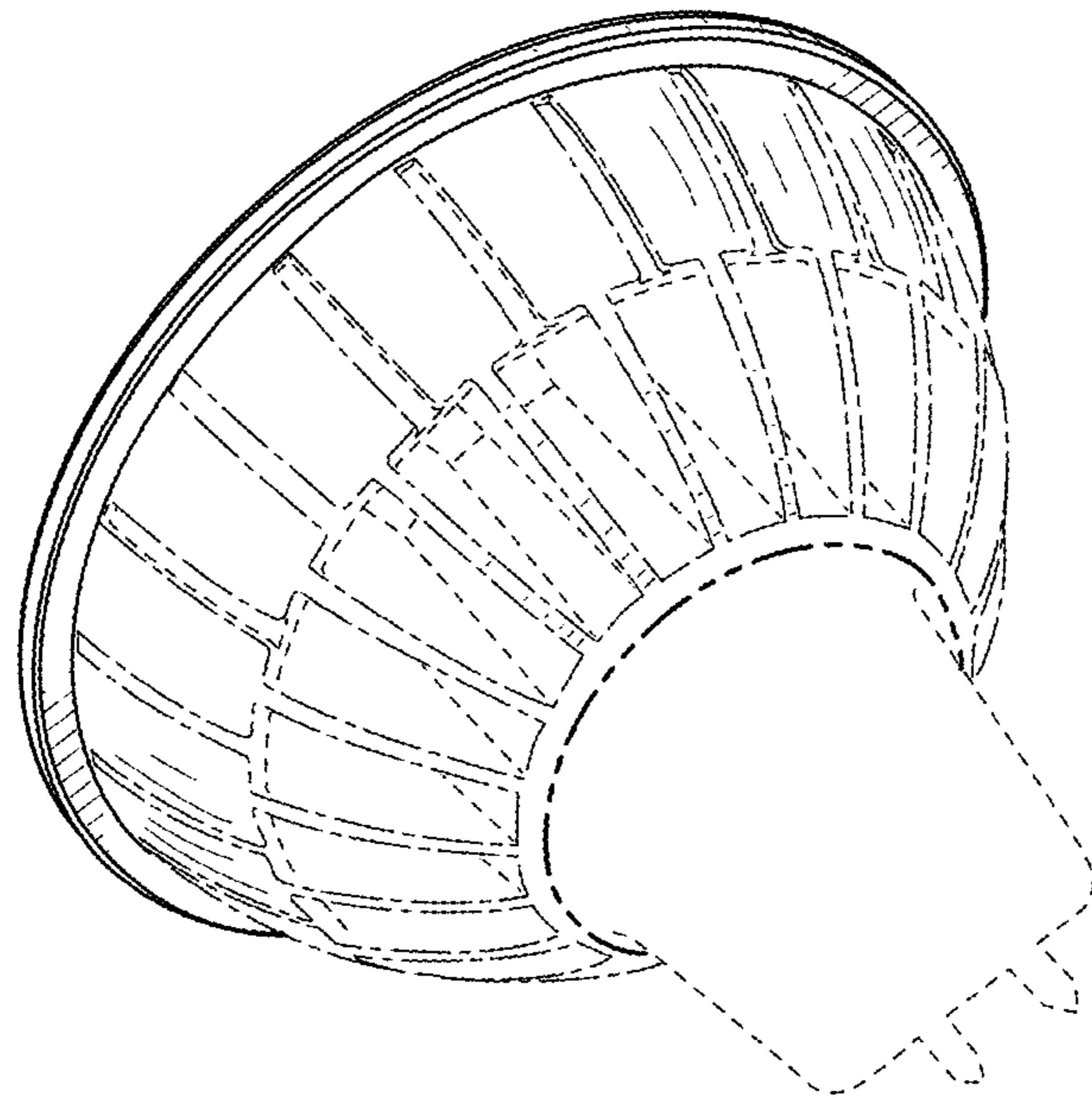
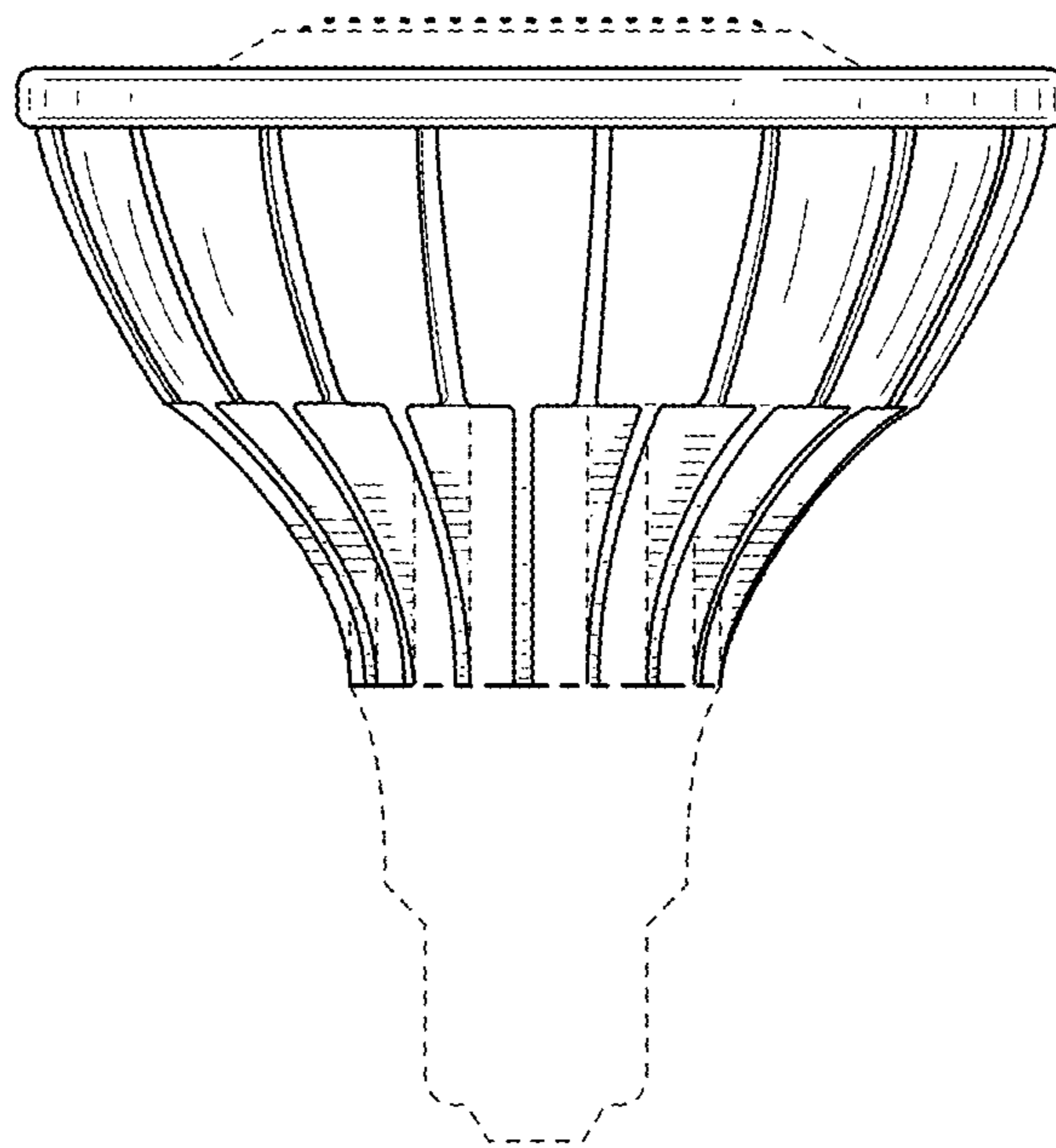


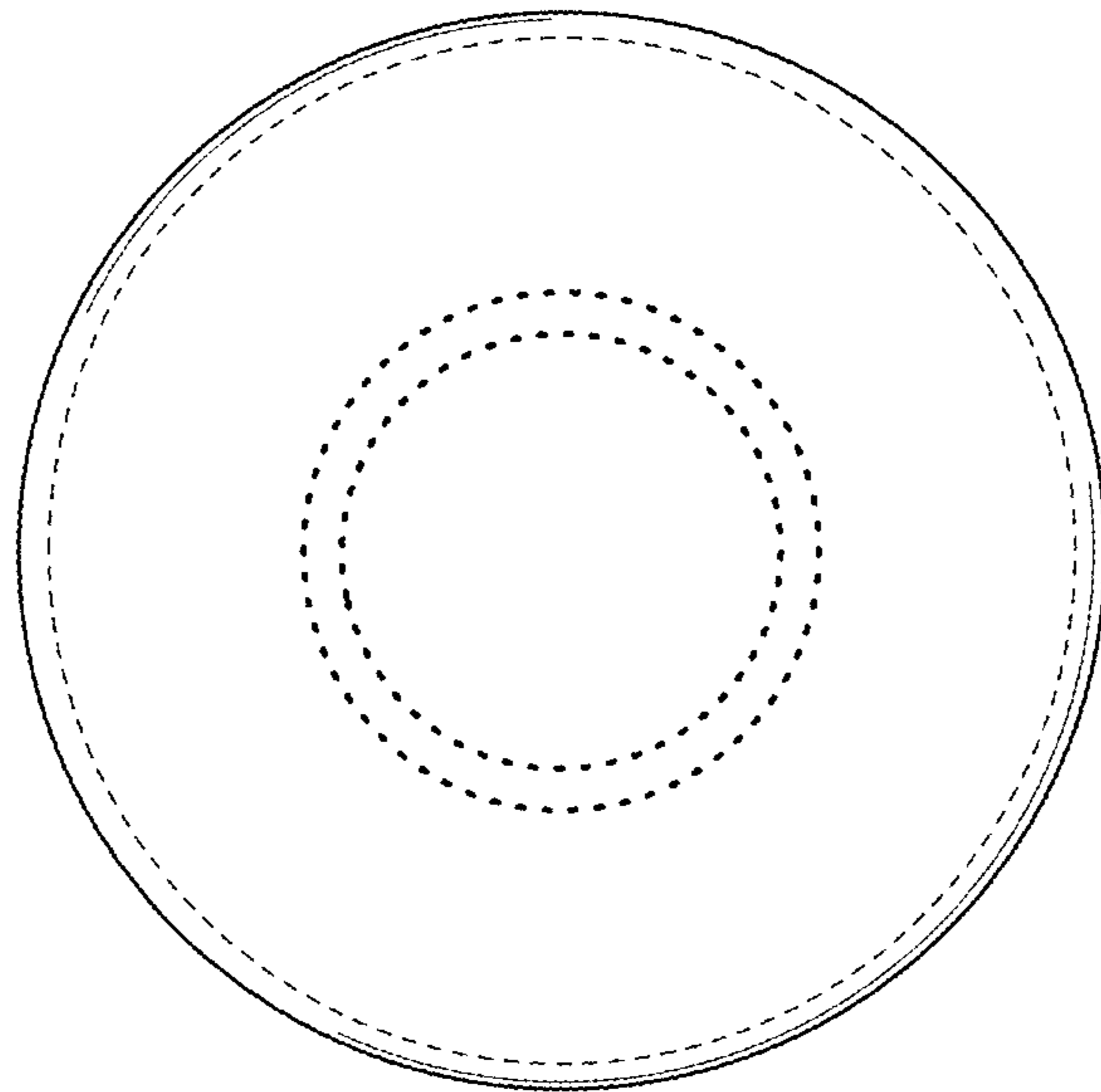
FIG. 9



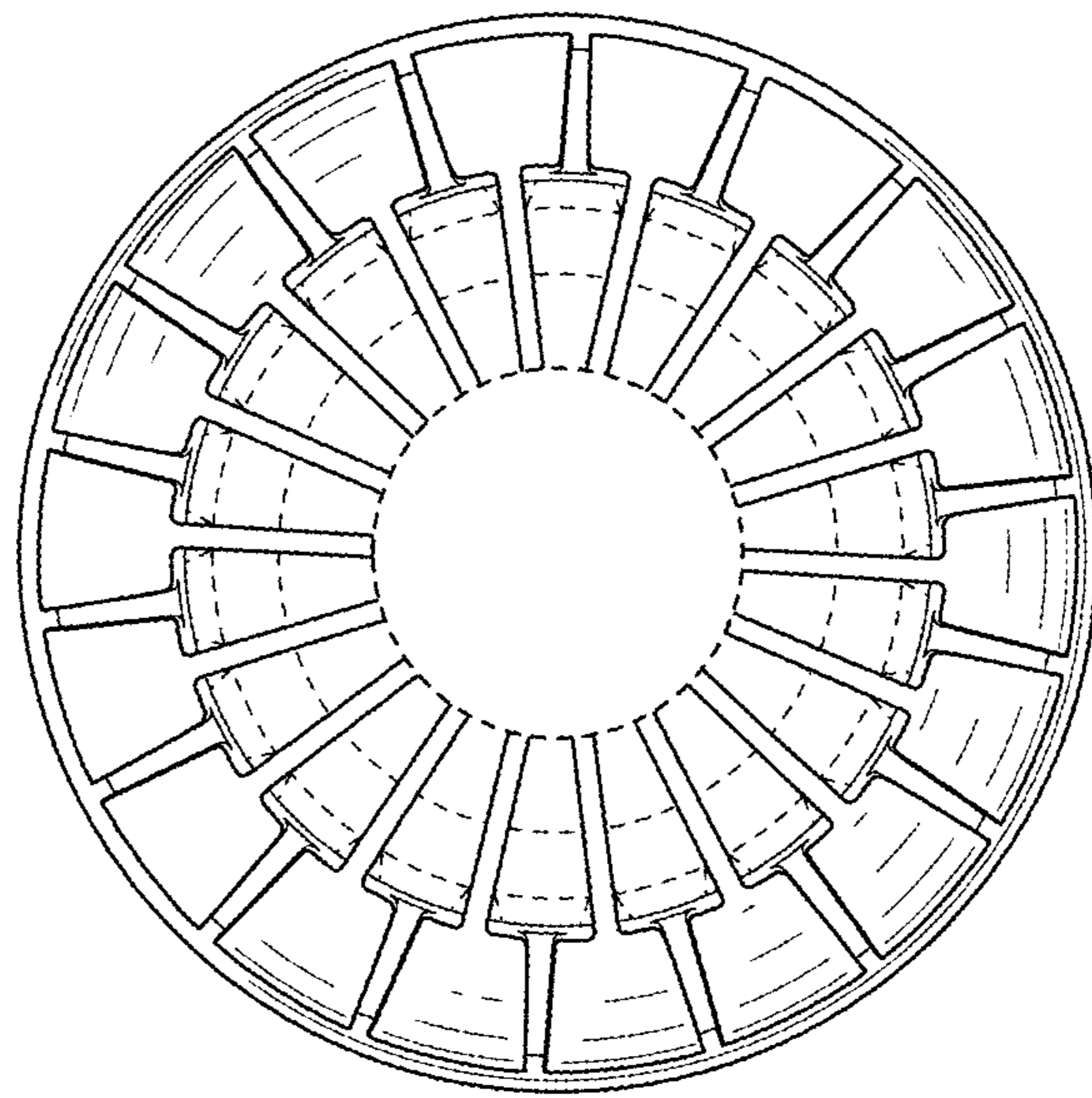
**FIG. 10**



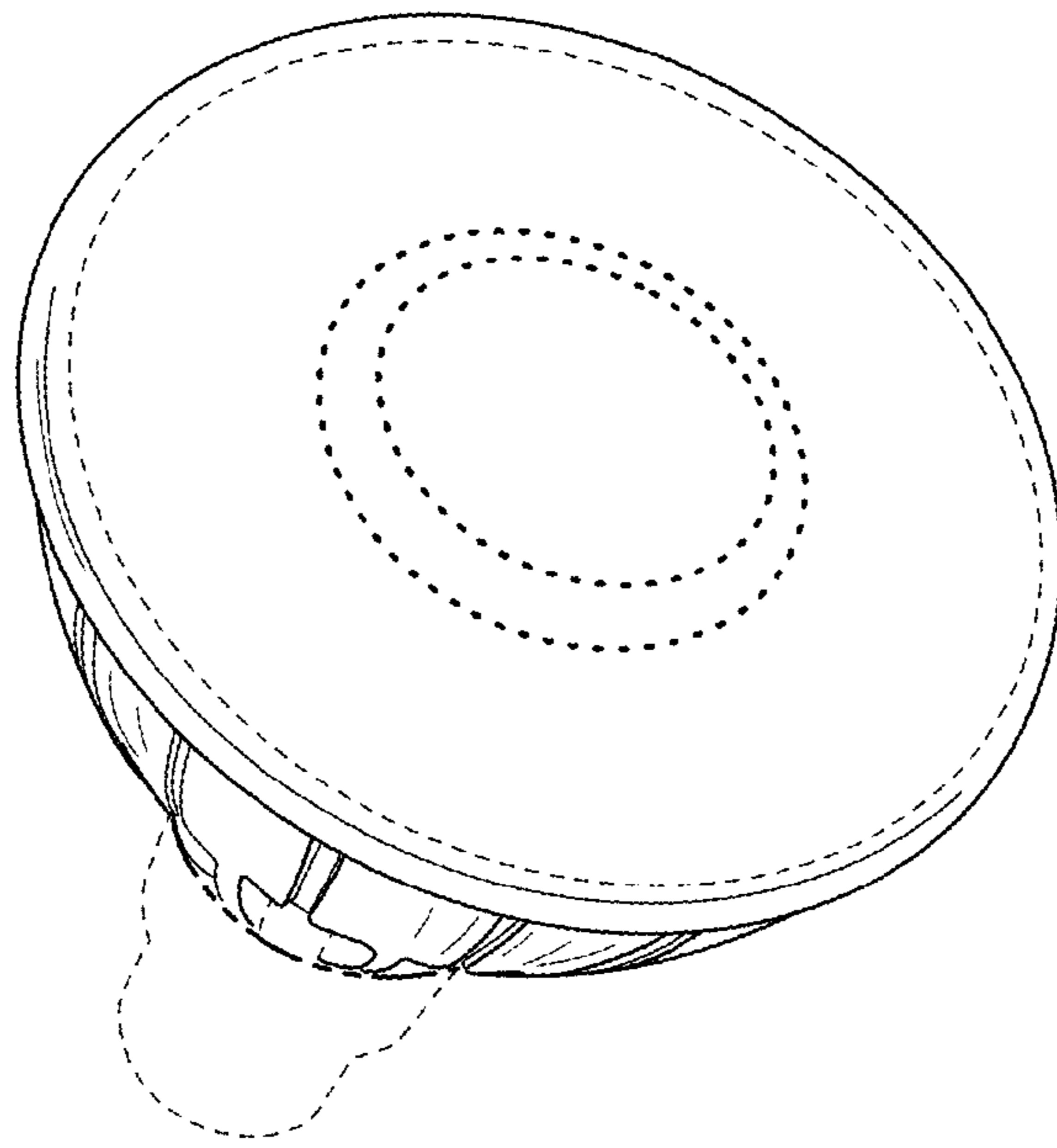
**FIG. 11**



**FIG. 12**

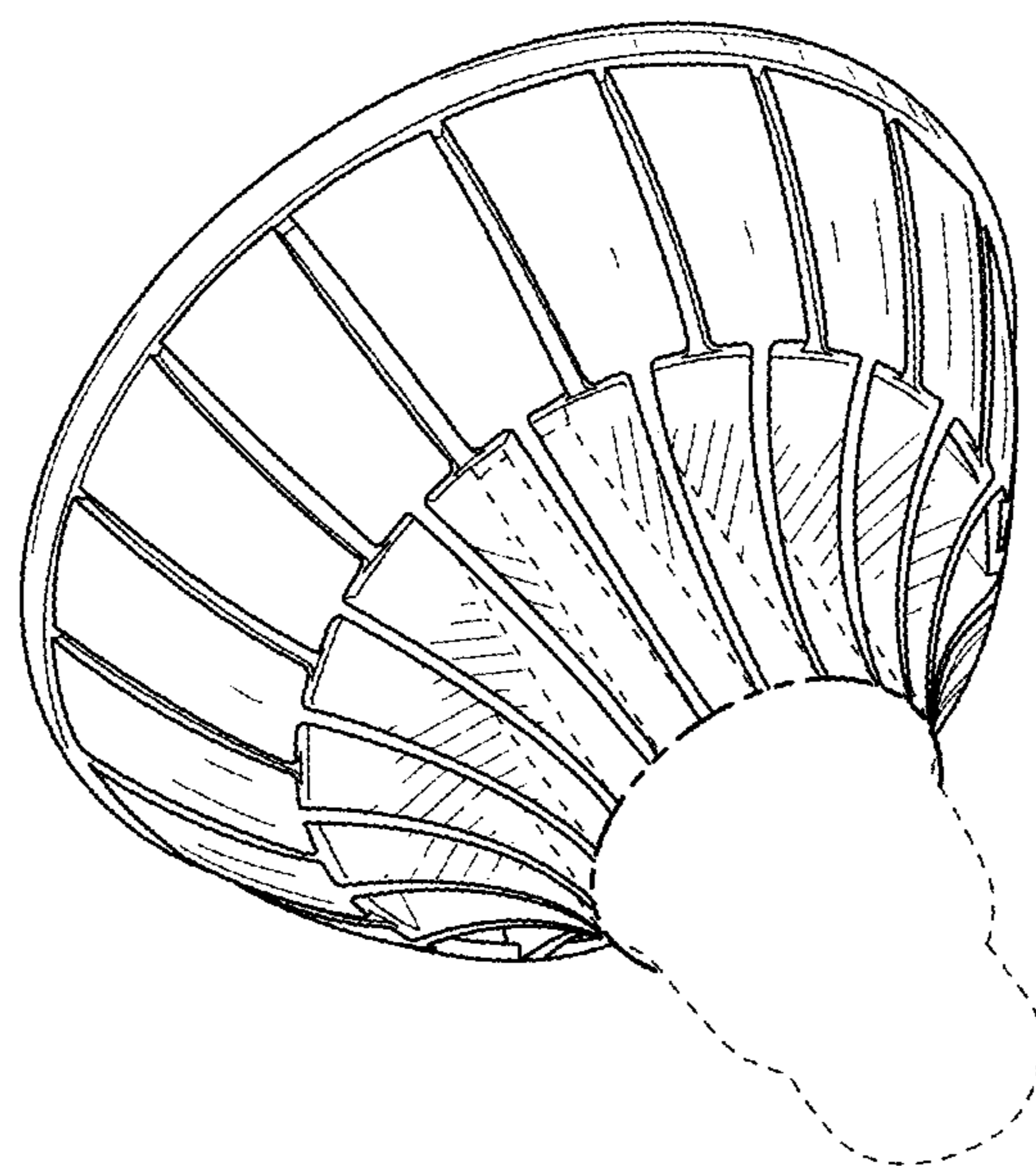


**FIG. 13**

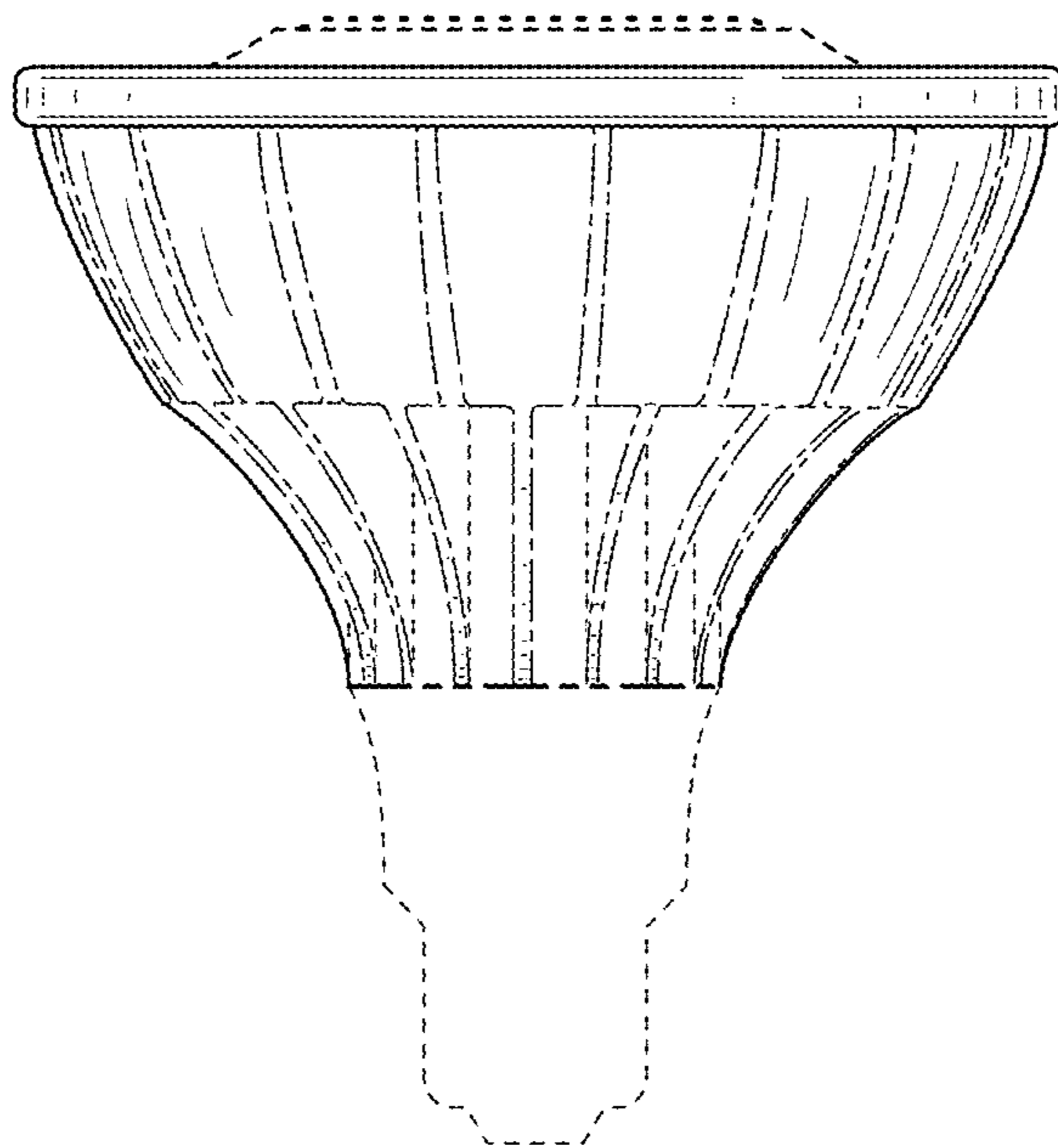


**FIG. 14**

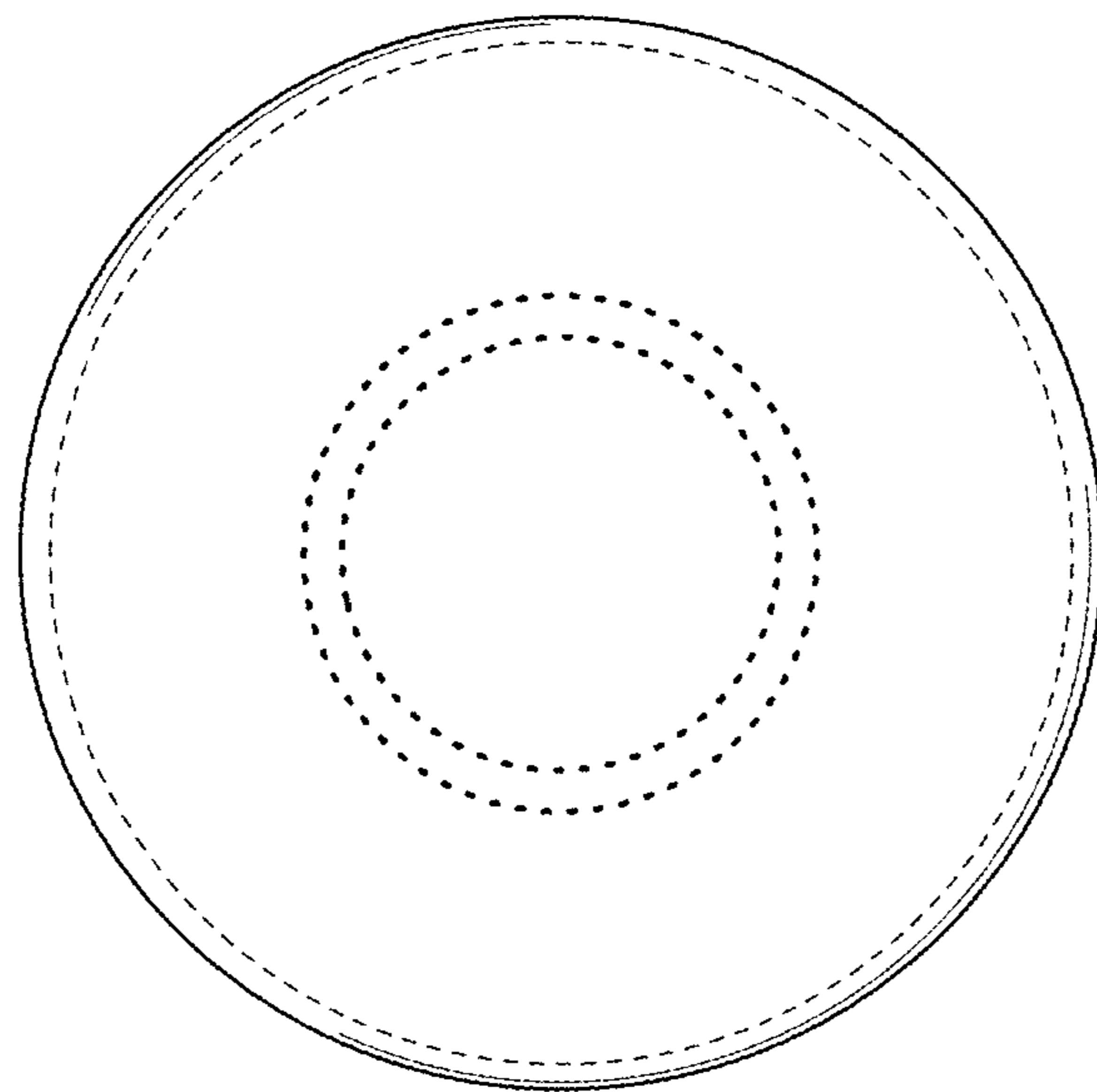




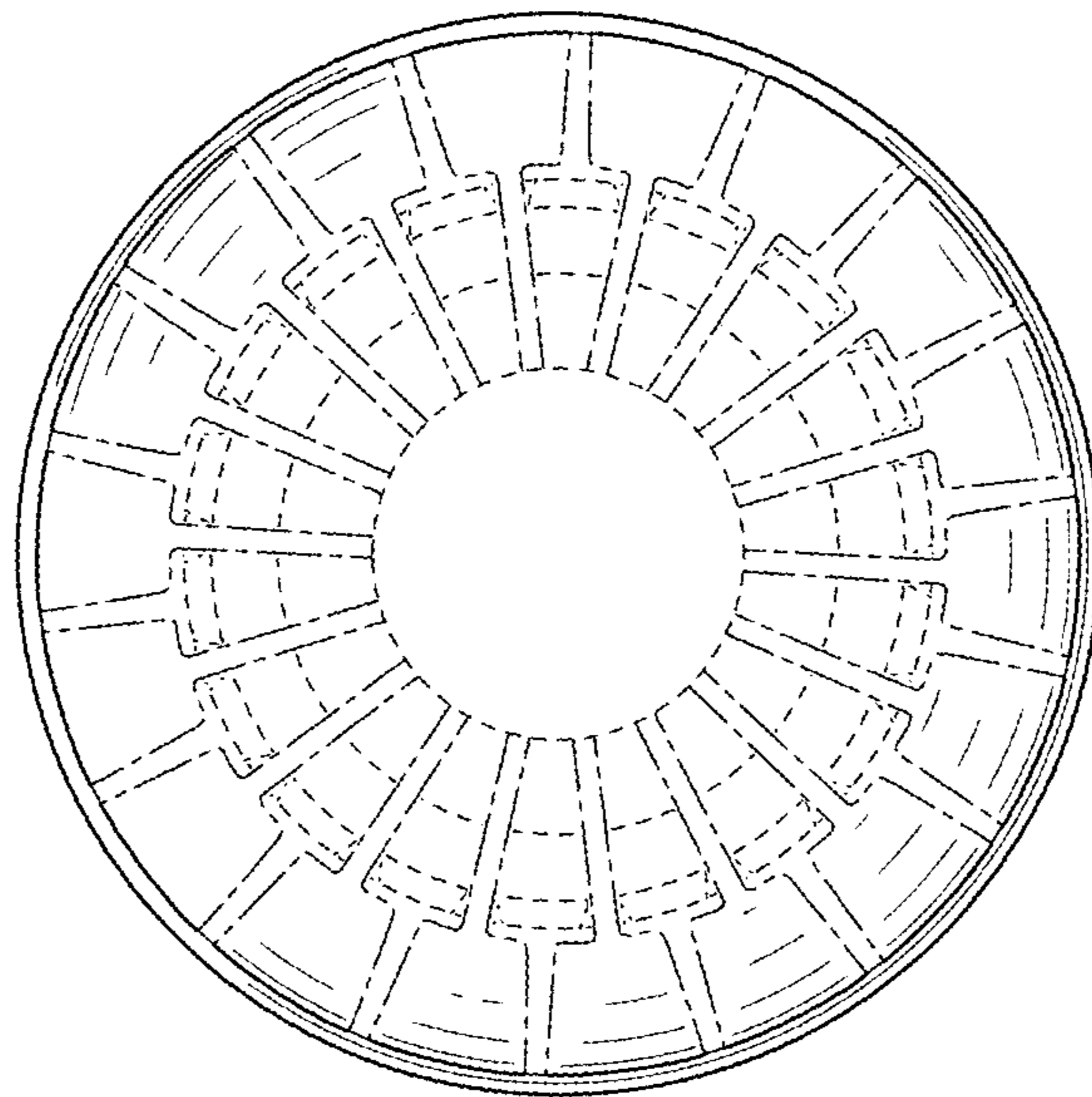
**FIG. 15**



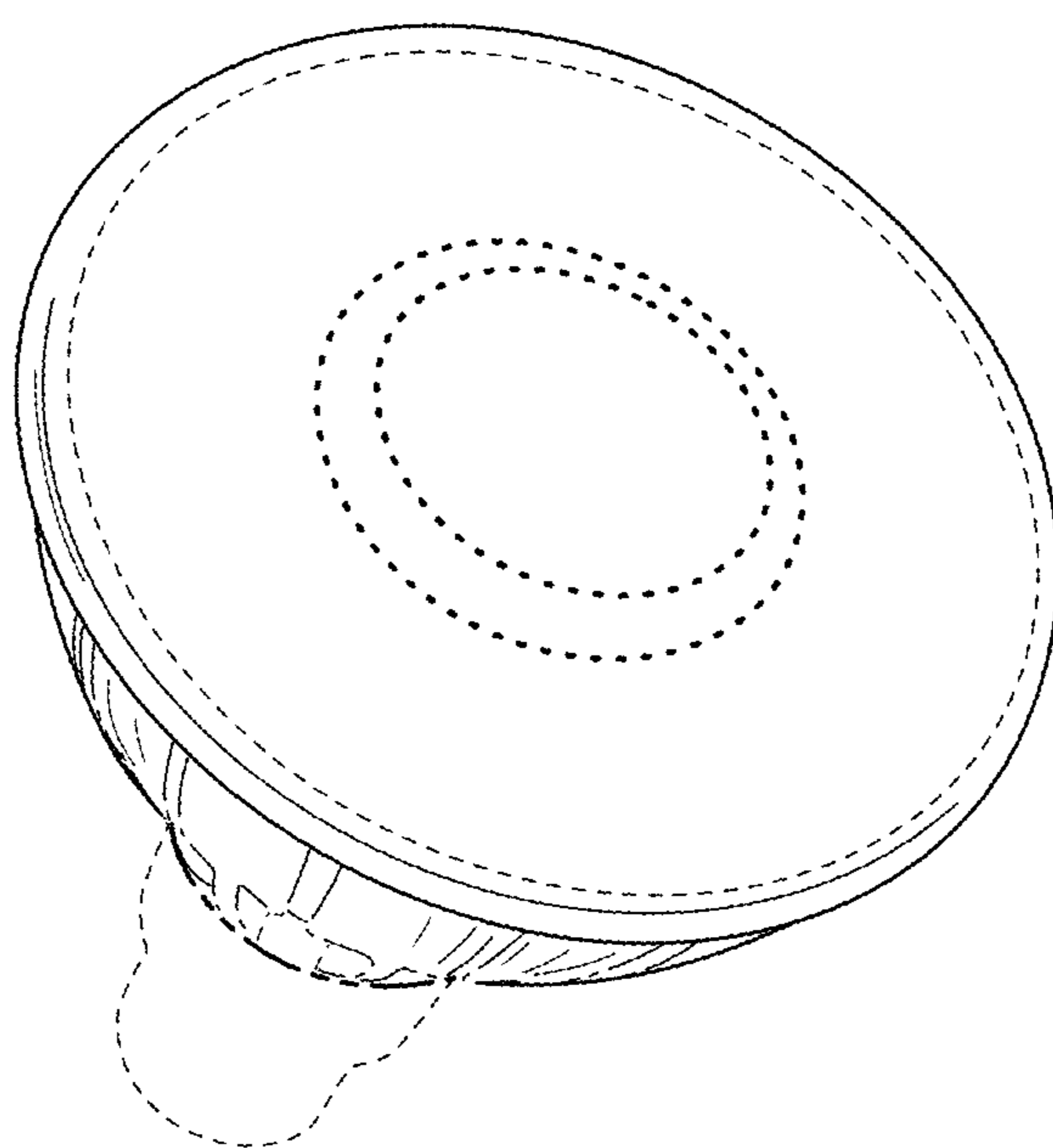
**FIG. 16**



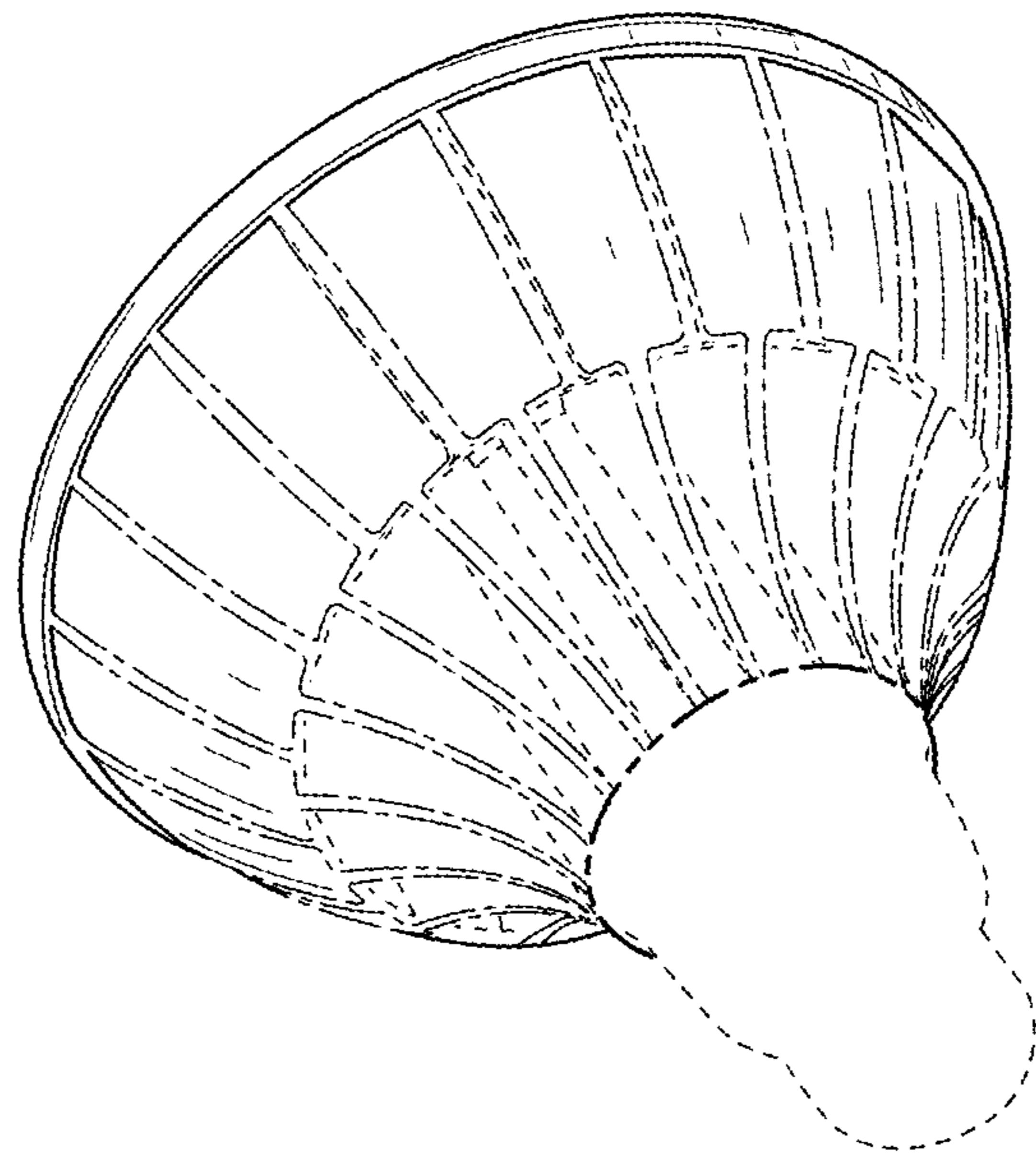
**FIG. 17**



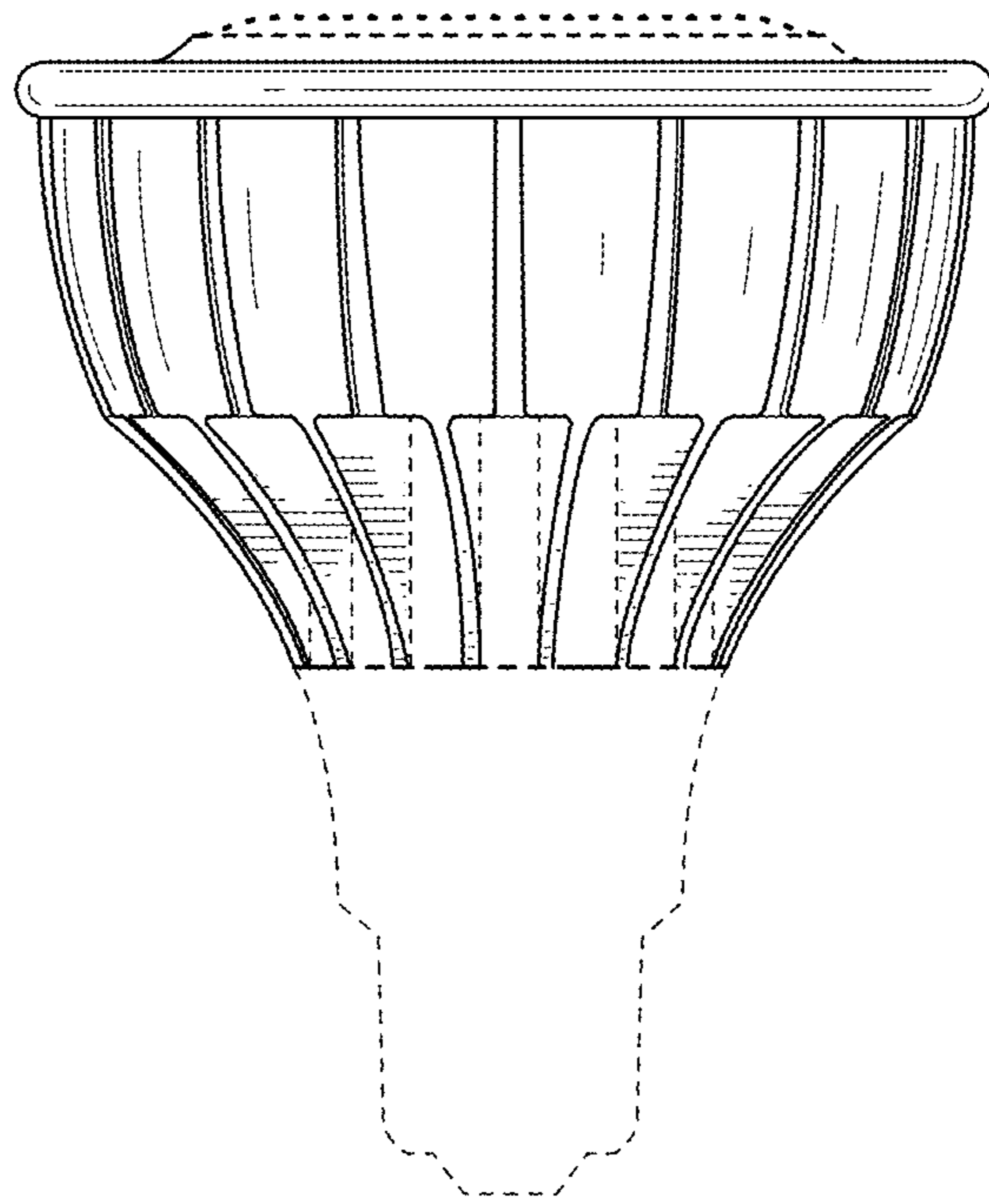
**FIG. 18**



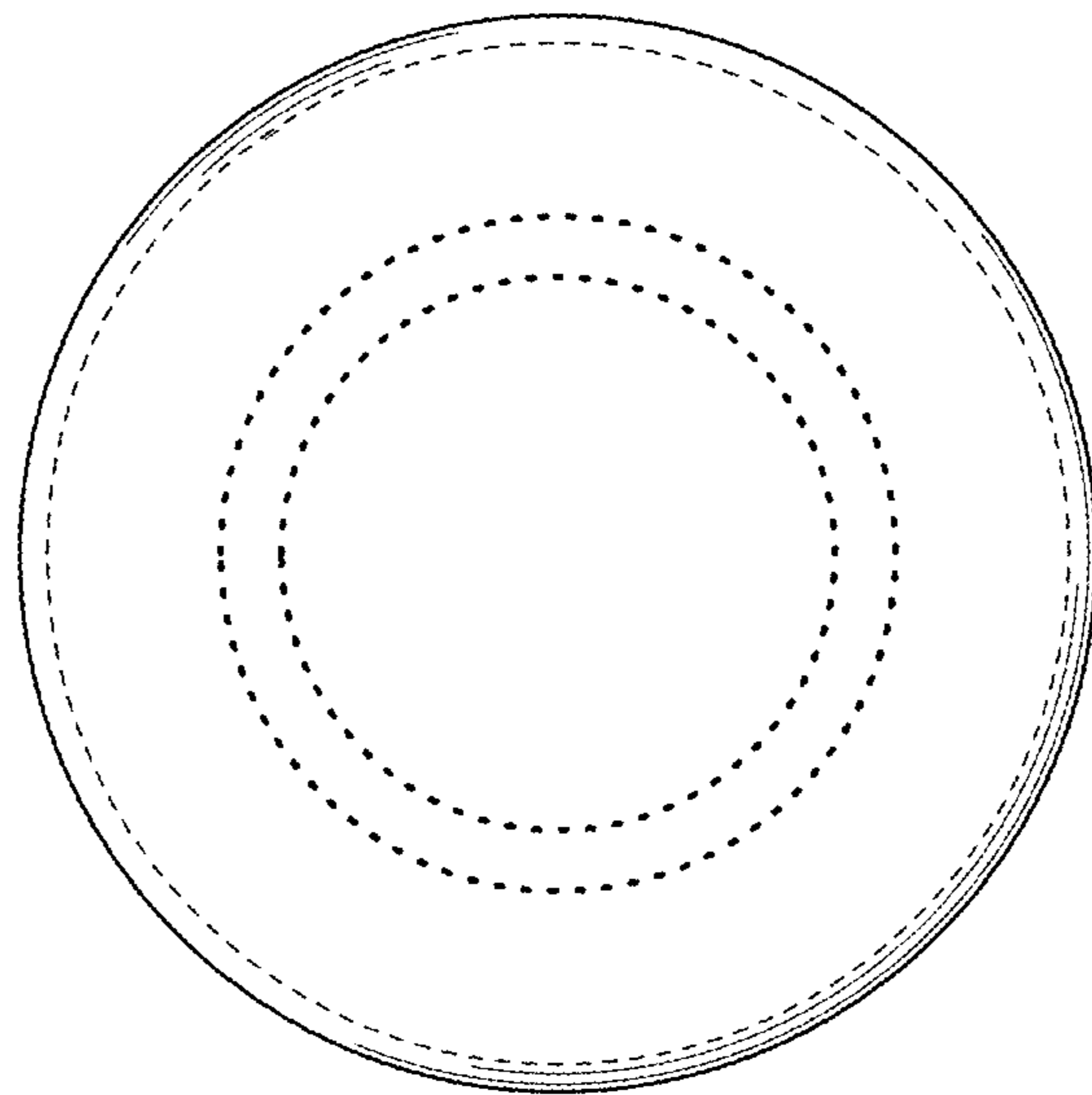
**FIG. 19**



**FIG. 20**

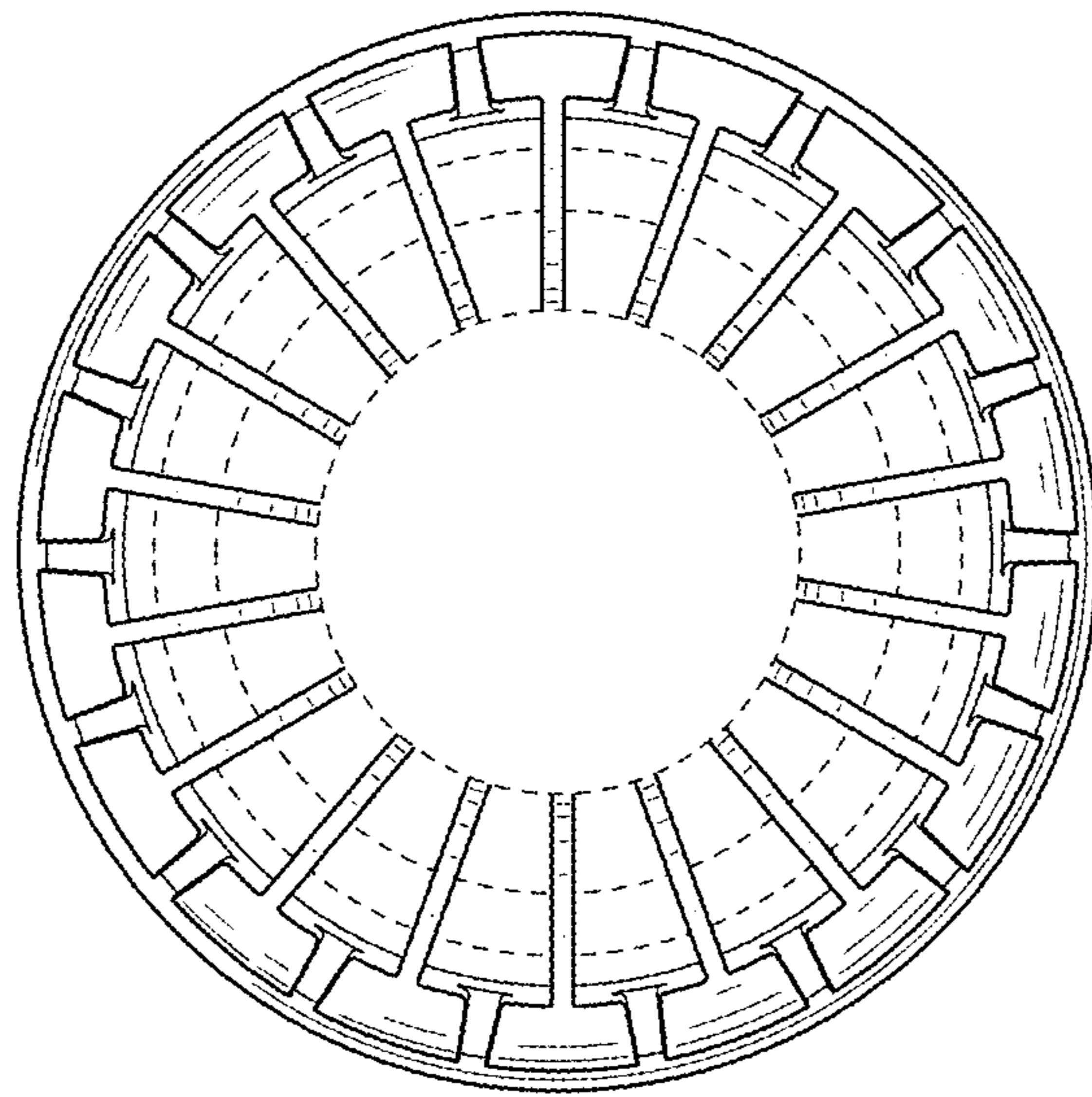


**FIG. 21**



**FIG. 22**





**FIG. 23**

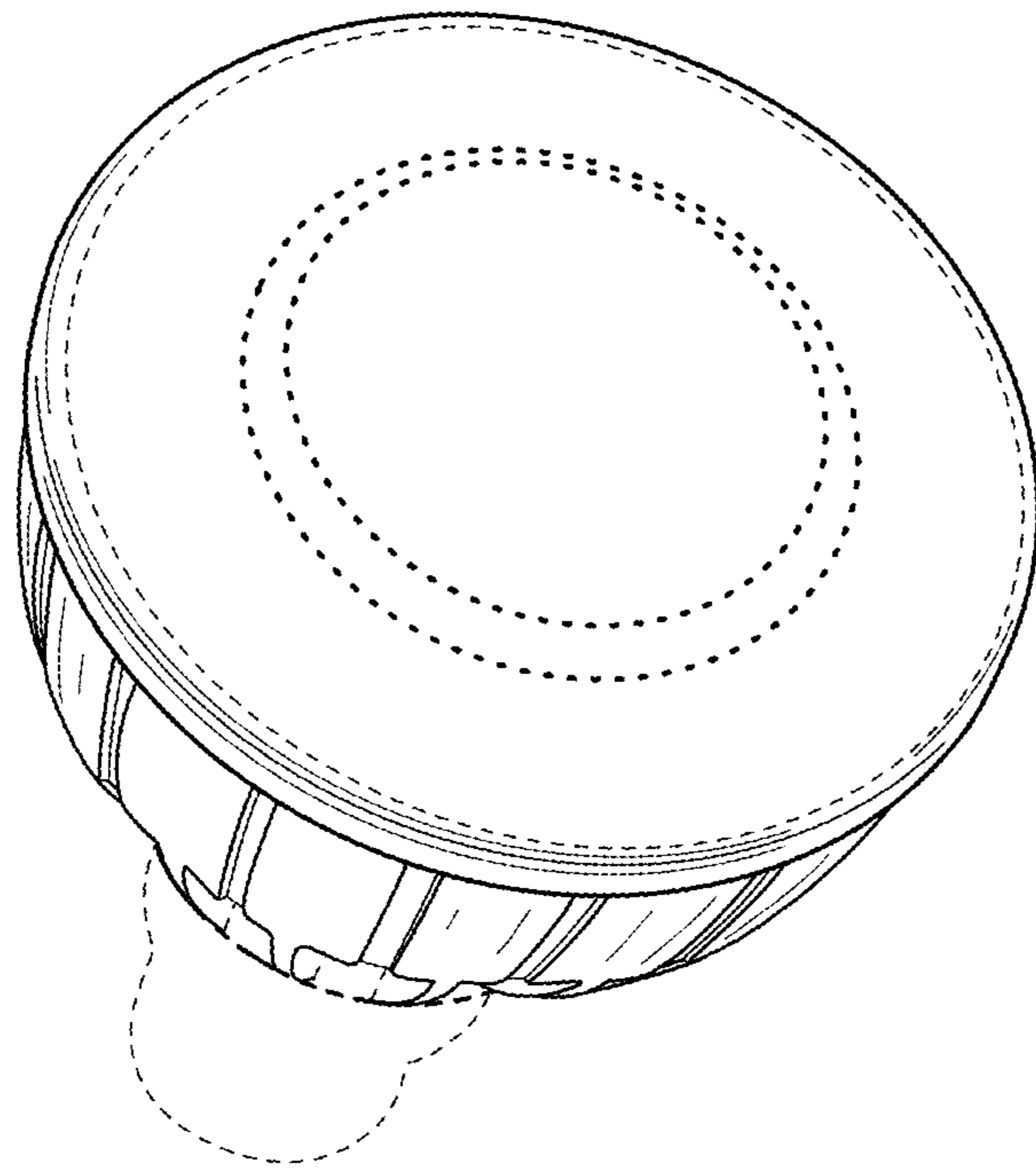
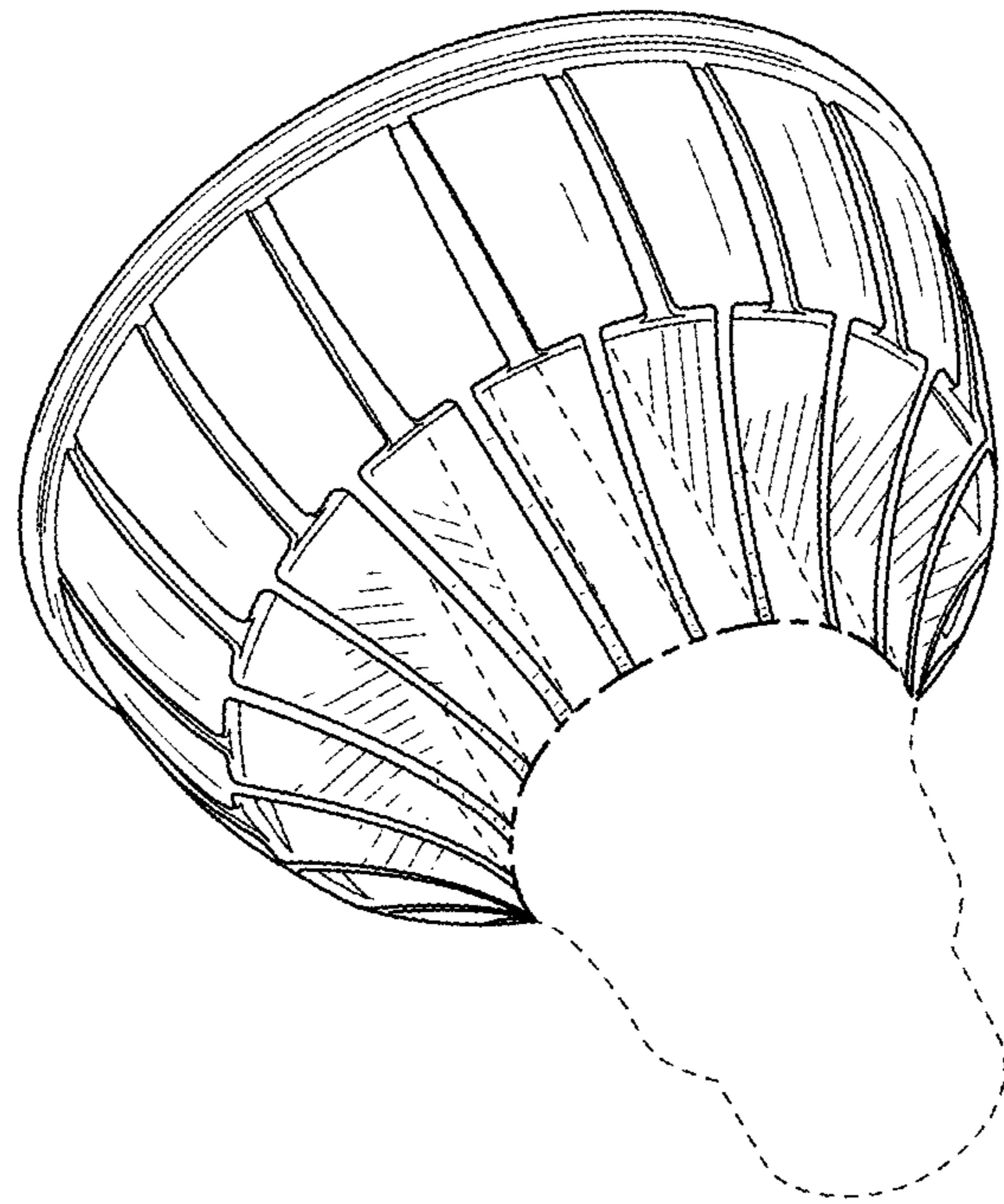
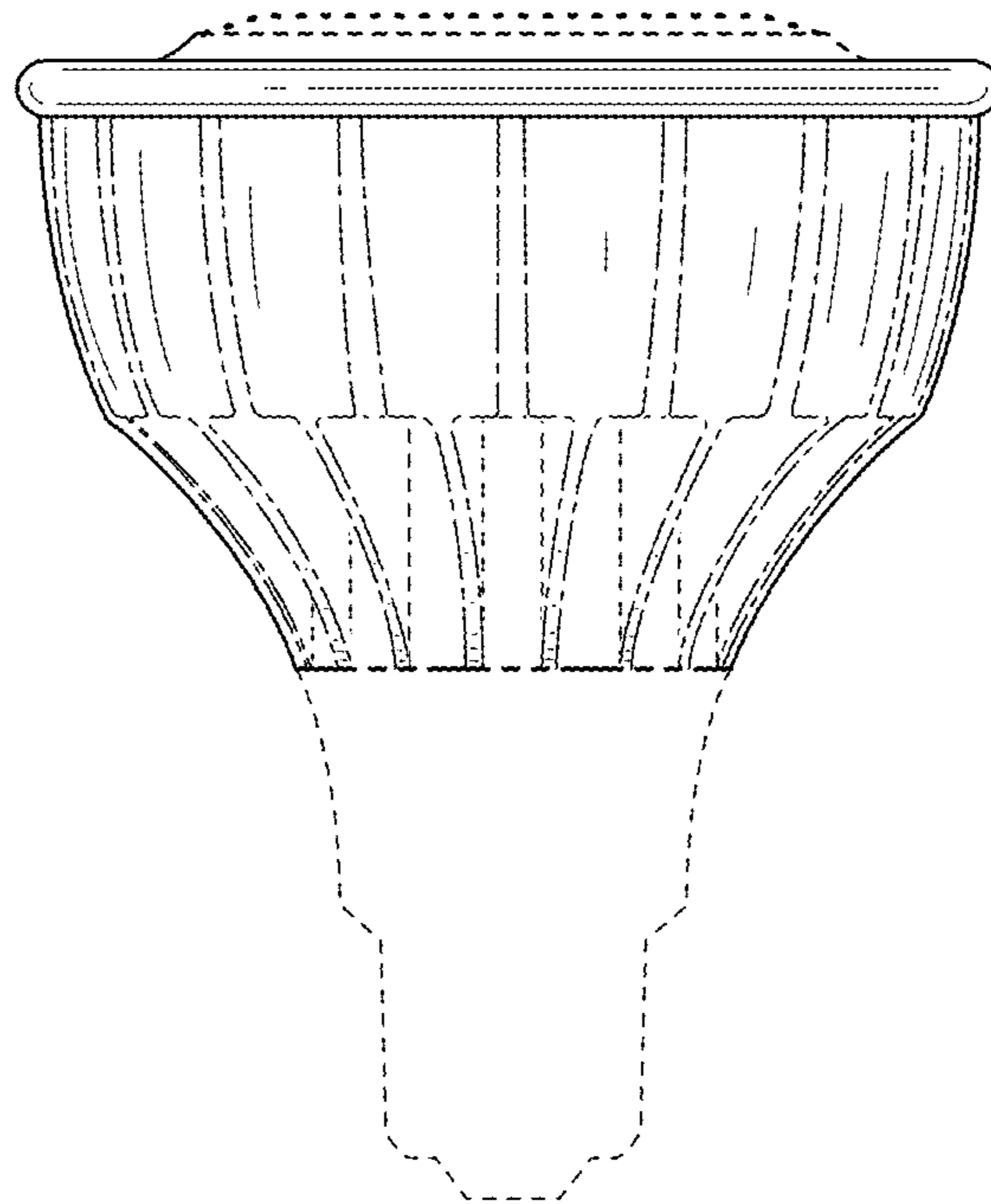


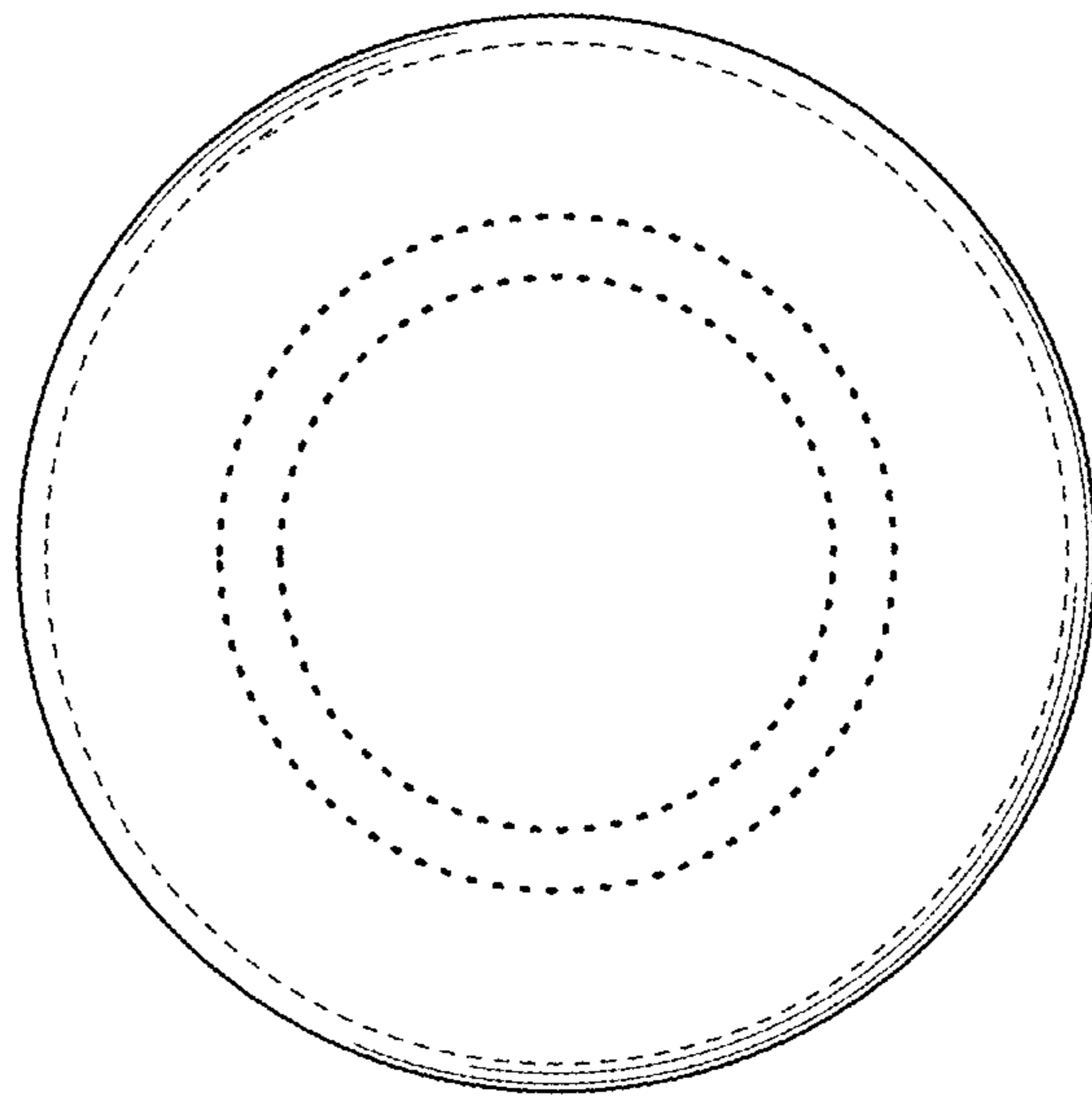
FIG. 24



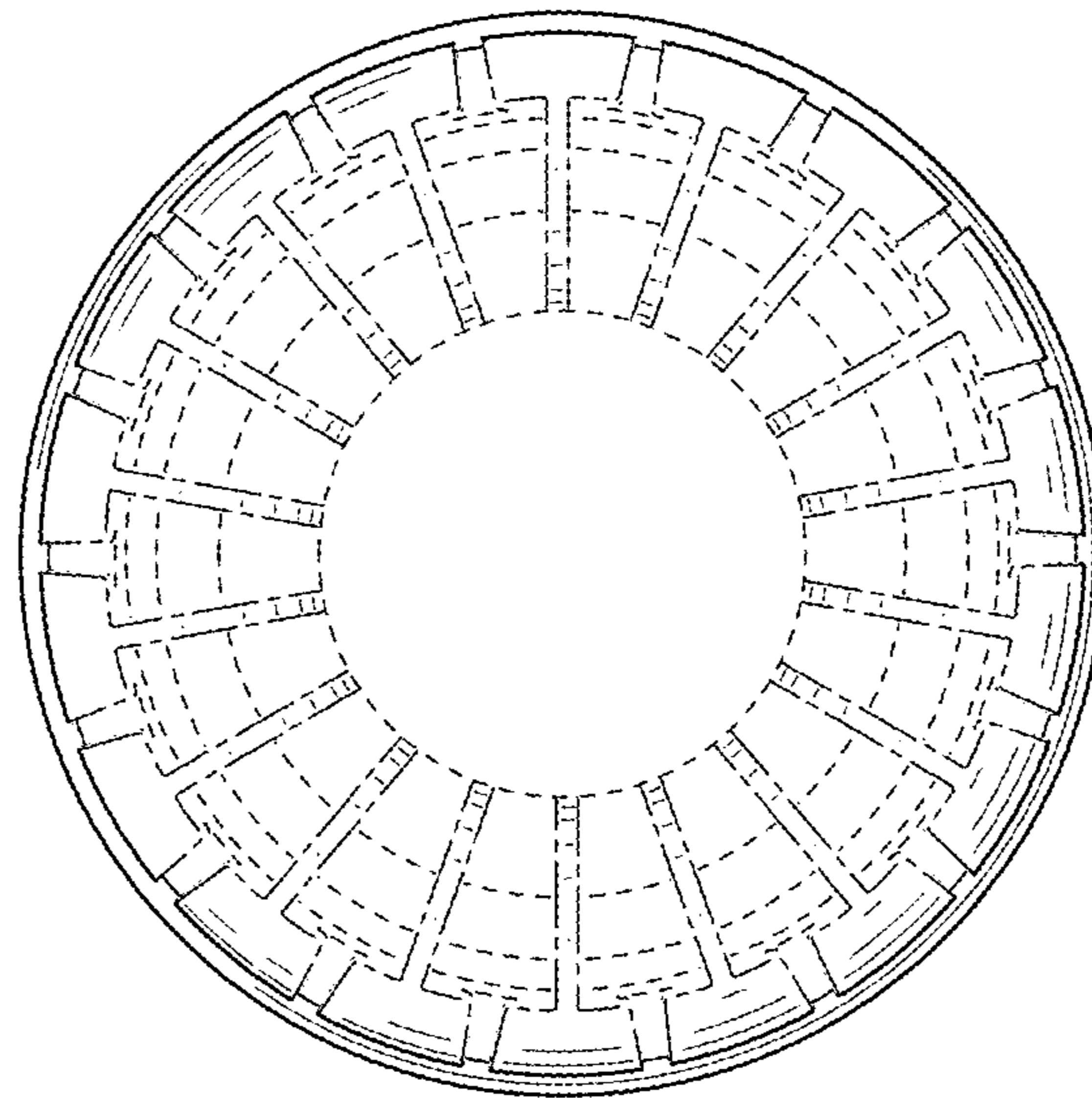
**FIG. 25**



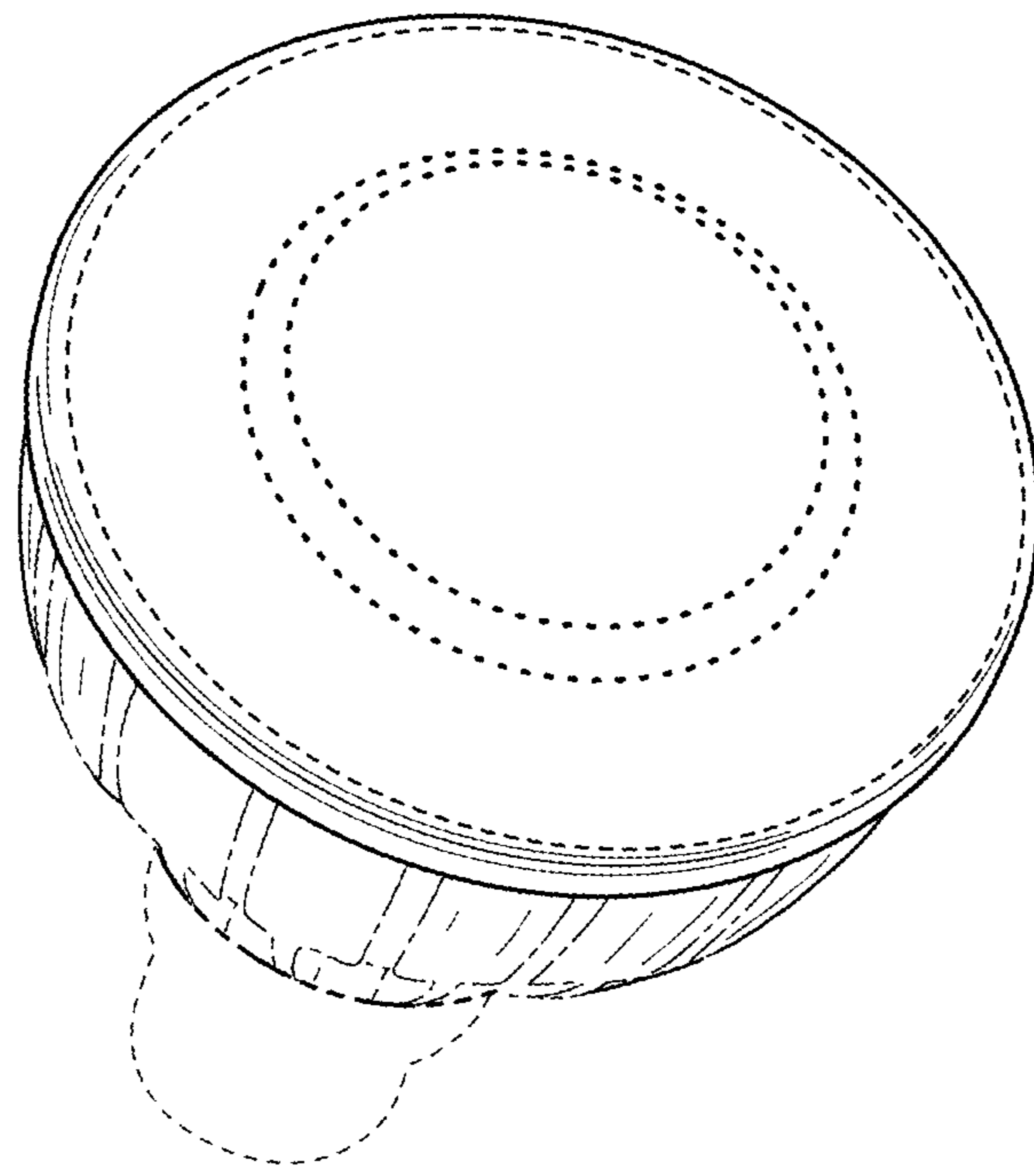
**FIG. 26**



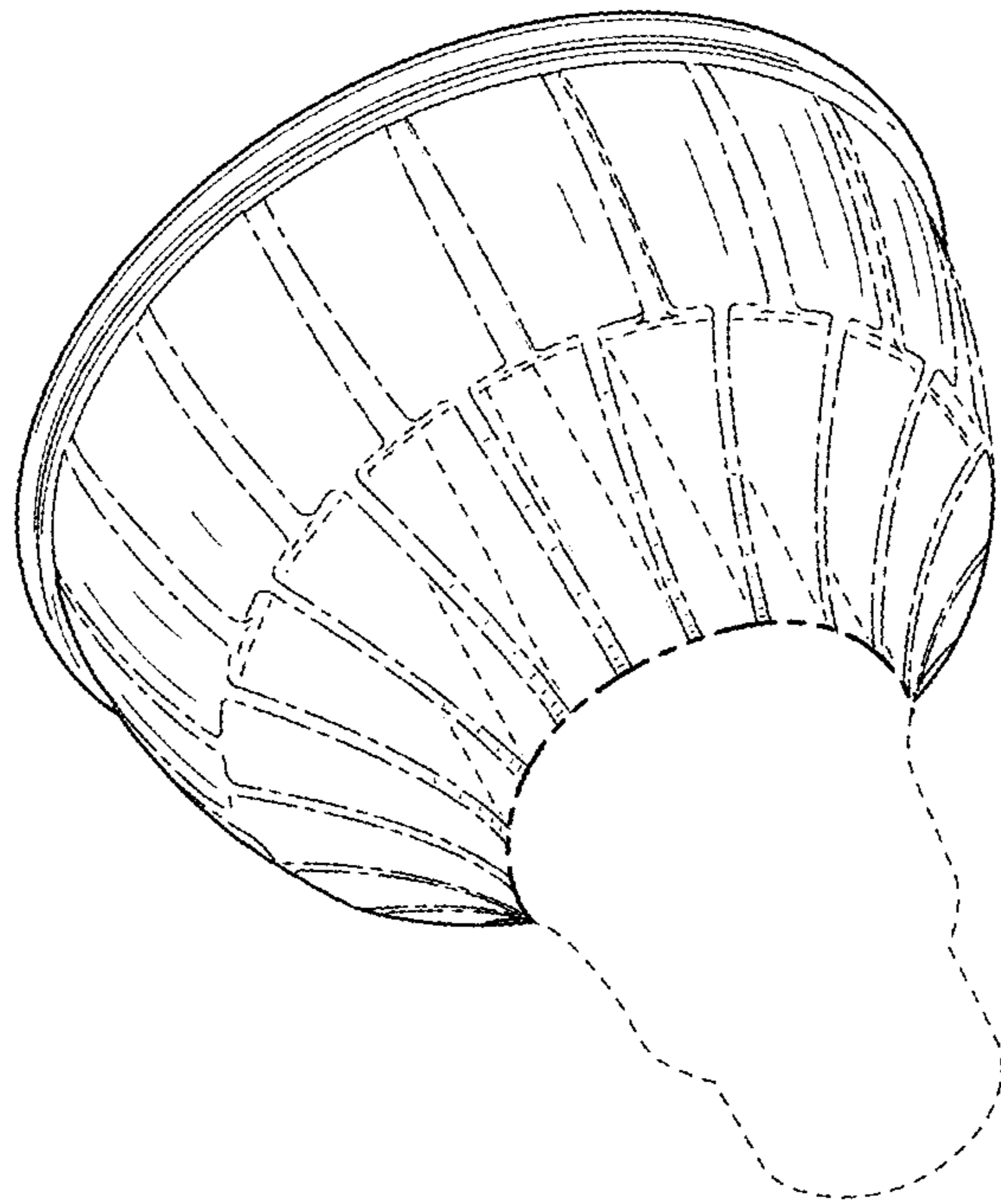
**FIG. 27**



**FIG. 28**



**FIG. 29**



**FIG. 30**