



US00D648476S

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

(10) **Patent No.:** **US D648,476 S**

(45) **Date of Patent:** **\*\* Nov. 8, 2011**

(54) **LED LAMP**

(75) Inventors: **Tae Young Choi**, Seoul (KR); **Kyung Il Kong**, Seoul (KR); **Han Gyoul Kim**, Seoul (KR); **Hwa Young Kim**, Seoul (KR); **Seok Jin Kang**, Seoul (KR)

(73) Assignee: **LG Innotek**, Seoul (KR)

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

(21) Appl. No.: **29/360,122**

(22) Filed: **Apr. 20, 2010**

(30) **Foreign Application Priority Data**

Oct. 20, 2009 (KR) ..... 30-2009-0046259  
Apr. 7, 2010 (KR) ..... 30-2010-0015160

(51) **LOC (9) Cl.** ..... **26-99**

(52) **U.S. Cl.** ..... **D26/118**

(58) **Field of Classification Search** ..... D11/11,  
D11/90, 91, 92, 89, 121; D26/94, 154, 144,  
D26/138, 63, 65, 142, 71, 93, 76, 78, 88,  
D26/80, 69, 74, 72, 118, 119, 120, 113, 121,  
D26/122, 155, 128, 129, 1, 2, 28, 152, 123,  
D26/124, 153, 130, 141, 92, 85, 145, 87;  
273/153 S, 160; 362/253, 405, 96, 394, 362,  
362/223, 544, 240, 545; D9/552, 420, 529,  
D9/426, 424, 574, 571, 504, 774, 776, 778;  
200/331; D25/127, 129; D21/478, 479;  
D34/1; D7/509, 510, 523, 586; D13/134,  
D13/179, 180; D8/378, 310, 380, 307; D23/377,  
D23/411; D6/307, 310, 580, 581  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D70,159 S \* 5/1926 Crumley ..... D26/144  
D87,377 S \* 7/1932 Andrews ..... D26/88  
D92,831 S \* 7/1934 Tyler ..... D26/26

D175,658 S \* 9/1955 Van Koert ..... D26/20  
3,538,321 A \* 11/1970 Keller et al. .... 362/289  
4,023,035 A \* 5/1977 Rodriguez ..... 250/239  
D259,518 S \* 6/1981 Garcia et al. .... D26/131  
4,503,360 A \* 3/1985 Bedel ..... 315/112  
D284,652 S \* 7/1986 Engel ..... D13/135  
D305,193 S \* 12/1989 Sajadieh ..... D7/509  
D310,065 S \* 8/1990 Cheng ..... D13/165  
D323,565 S \* 1/1992 Woodgate ..... D26/63  
D329,101 S \* 9/1992 Landefeld ..... D26/68  
D346,239 S \* 4/1994 Vamberszky et al. .... D26/118  
5,351,174 A \* 9/1994 Ewing ..... 362/655  
D358,115 S \* 5/1995 Rahr ..... D11/144  
D367,847 S \* 3/1996 Tarulli et al. .... D13/158  
D378,795 S \* 4/1997 King ..... D7/608  
D386,805 S \* 11/1997 Bonnette et al. .... D26/74  
5,823,660 A \* 10/1998 Hsu ..... 362/276

(Continued)

*Primary Examiner* — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — McKenna Long & Aldridge LLP

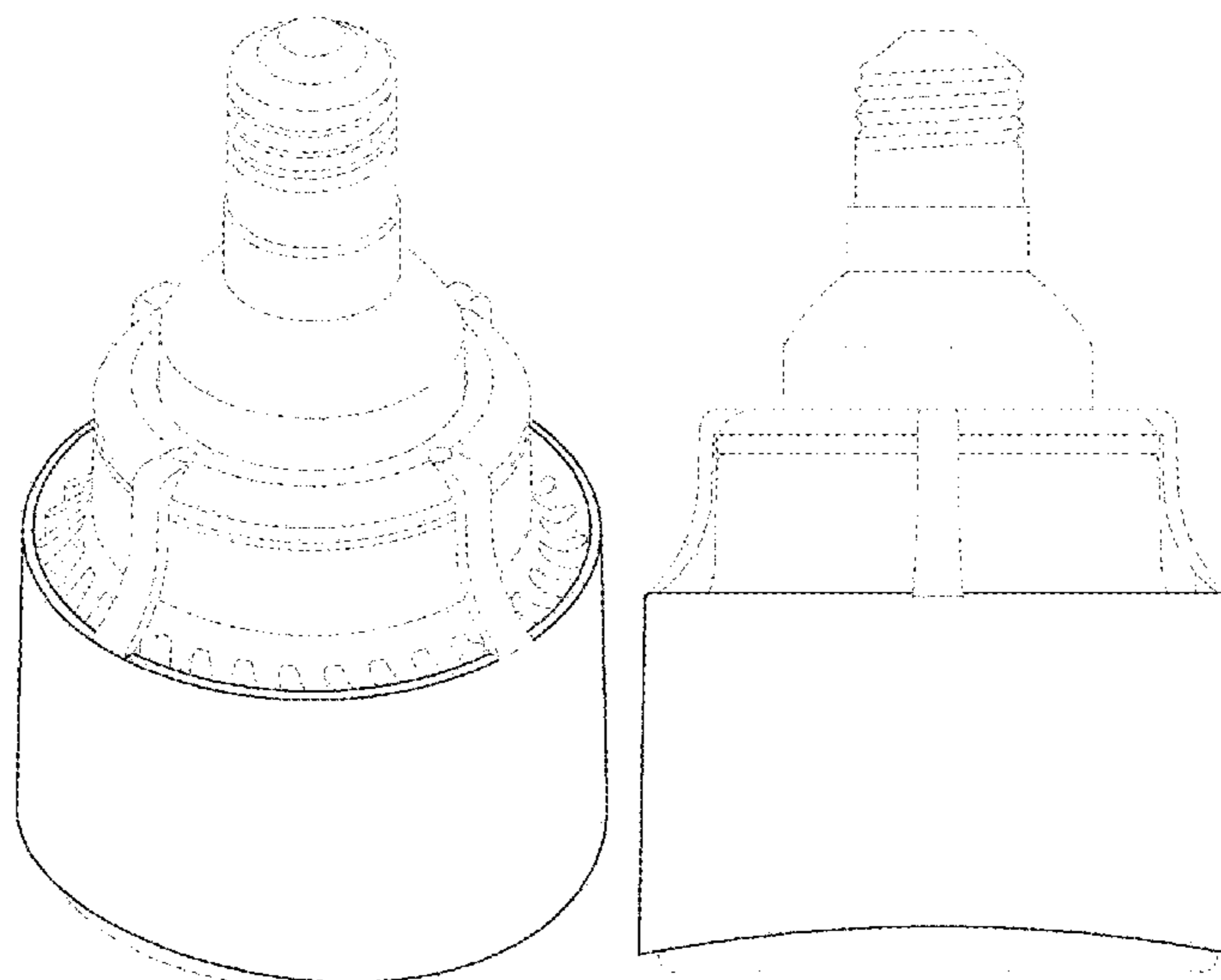
(57) **CLAIM**

The ornamental design for an LED lamp, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front perspective view of an LED lamp showing my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a bottom front perspective view thereof.  
The diagonal broken lines in FIG. 8 demark light emitting parts and form no part of the claimed design. The broken lines shown in the drawings are included for the purpose of illustrating environmental structures and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



# US D648,476 S

Page 2

## U.S. PATENT DOCUMENTS

D414,587	S *	9/1999	Douglas	.....	D34/1
5,964,522	A *	10/1999	Schaefer et al.	.....	362/350
D418,813	S *	1/2000	Smith	.....	D13/134
D418,928	S *	1/2000	Zhang et al.	.....	D26/2
D423,707	S *	4/2000	Hammond	.....	D26/67
D434,943	S *	12/2000	Price	.....	D7/509
6,155,701	A *	12/2000	Leen	.....	362/432
D445,947	S *	7/2001	Johnson	.....	D26/142
6,322,234	B1 *	11/2001	Drake et al.	.....	362/276
D455,486	S *	4/2002	Makino	.....	D23/366
D459,536	S *	6/2002	Dolan	.....	D26/130
D469,209	S *	1/2003	Homann	.....	D26/118
D476,728	S *	7/2003	Gajewski	.....	D23/377
D483,903	S *	12/2003	Skradski et al.	.....	D26/118
D483,904	S *	12/2003	Skradski et al.	.....	D26/118
6,676,281	B2 *	1/2004	Bray et al.	.....	362/391
D508,236	S *	8/2005	Duke et al.	.....	D13/184
D509,317	S *	9/2005	Orfield et al.	.....	D26/128
6,994,457	B2 *	2/2006	Lee	.....	362/366
D517,480	S *	3/2006	Luo	.....	D13/134
D519,322	S *	4/2006	Hutton	.....	D7/523
D519,455	S *	4/2006	Tufano et al.	.....	D13/134
D522,686	S *	6/2006	Lee	.....	D26/142
7,111,963	B2 *	9/2006	Zhang	.....	362/294
D531,452	S *	11/2006	Toth	.....	D7/523
D537,366	S *	2/2007	Pedersen	.....	D9/776
D542,735	S *	5/2007	Keilholz et al.	.....	D13/134
7,220,024	B1 *	5/2007	Berends	.....	362/217.08
D543,845	S *	6/2007	Ioannides et al.	.....	D9/500
D545,131	S *	6/2007	Seum et al.	.....	D7/523
D547,232	S *	7/2007	Lai	.....	D11/91
7,244,051	B2 *	7/2007	Bewig et al.	.....	362/345
D548,877	S *	8/2007	Chen	.....	D26/128
D549,596	S *	8/2007	Ioannides et al.	.....	D9/776
D560,788	S *	1/2008	Farrell et al.	.....	D23/366
D566,880	S *	4/2008	Silver	.....	D26/88
D571,947	S *	6/2008	Chen	.....	D26/118
D575,987	S *	9/2008	Williams	.....	D7/523
D577,259	S *	9/2008	Seum et al.	.....	D7/523
D580,764	S *	11/2008	Shale	.....	D9/500
D581,584	S *	11/2008	Boyer	.....	D26/138
D584,107	S *	1/2009	George	.....	D7/510
D585,588	S *	1/2009	Alexander et al.	.....	D26/118
D591,894	S *	5/2009	Flank	.....	D26/74
D592,054	S *	5/2009	Floyd et al.	.....	D9/435
D592,345	S *	5/2009	Gill	.....	D26/71
D596,501	S *	7/2009	Diss et al.	.....	D9/776
D596,505	S *	7/2009	Diss et al.	.....	D9/778
D596,957	S *	7/2009	Diss	.....	D9/776
D599,666	S *	9/2009	Marotti et al.	.....	D9/454
D605,323	S *	12/2009	Mier-Langner et al.	.....	D26/63
D614,917	S *	5/2010	Calco	.....	D7/509
D628,721	S *	12/2010	Lee	.....	D26/2
7,858,015	B2 *	12/2010	Urquhart et al.	.....	264/301
2007/0091597	A1 *	4/2007	Wang et al.	.....	362/231
2007/0279862	A1 *	12/2007	Li	.....	361/692
2009/0237891	A1 *	9/2009	Liu et al.	.....	361/714

\* cited by examiner

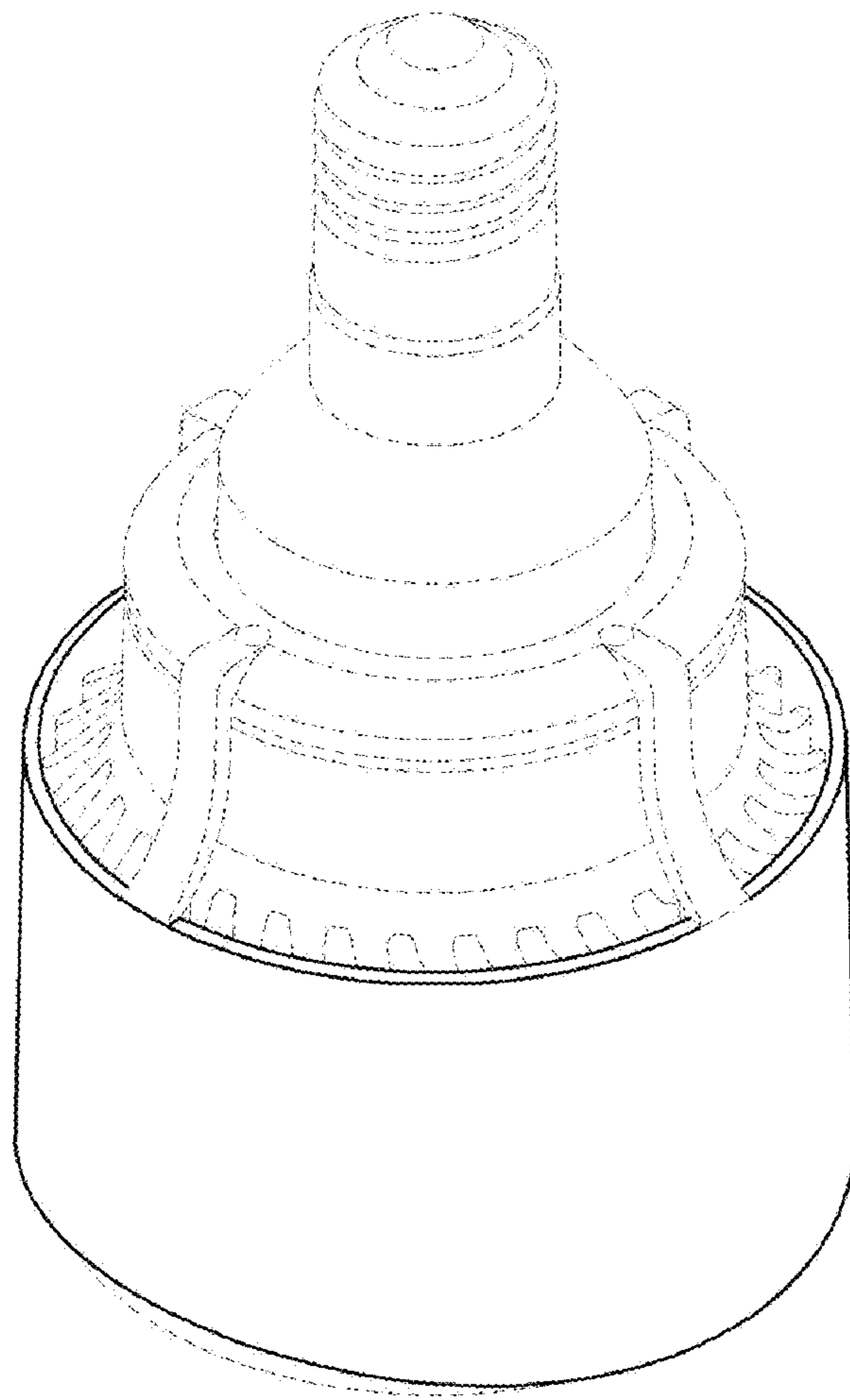


FIG. 1

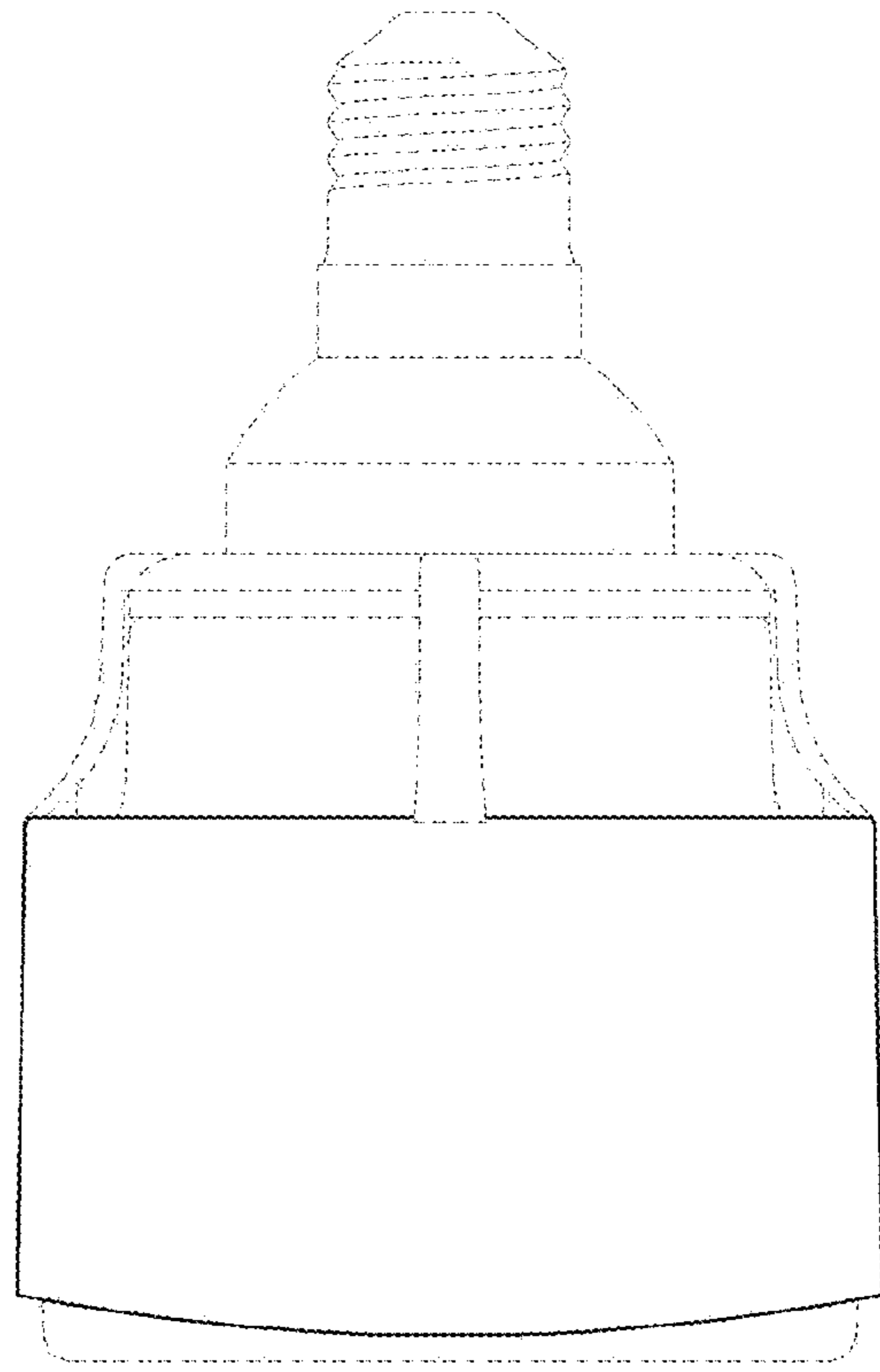


FIG. 2

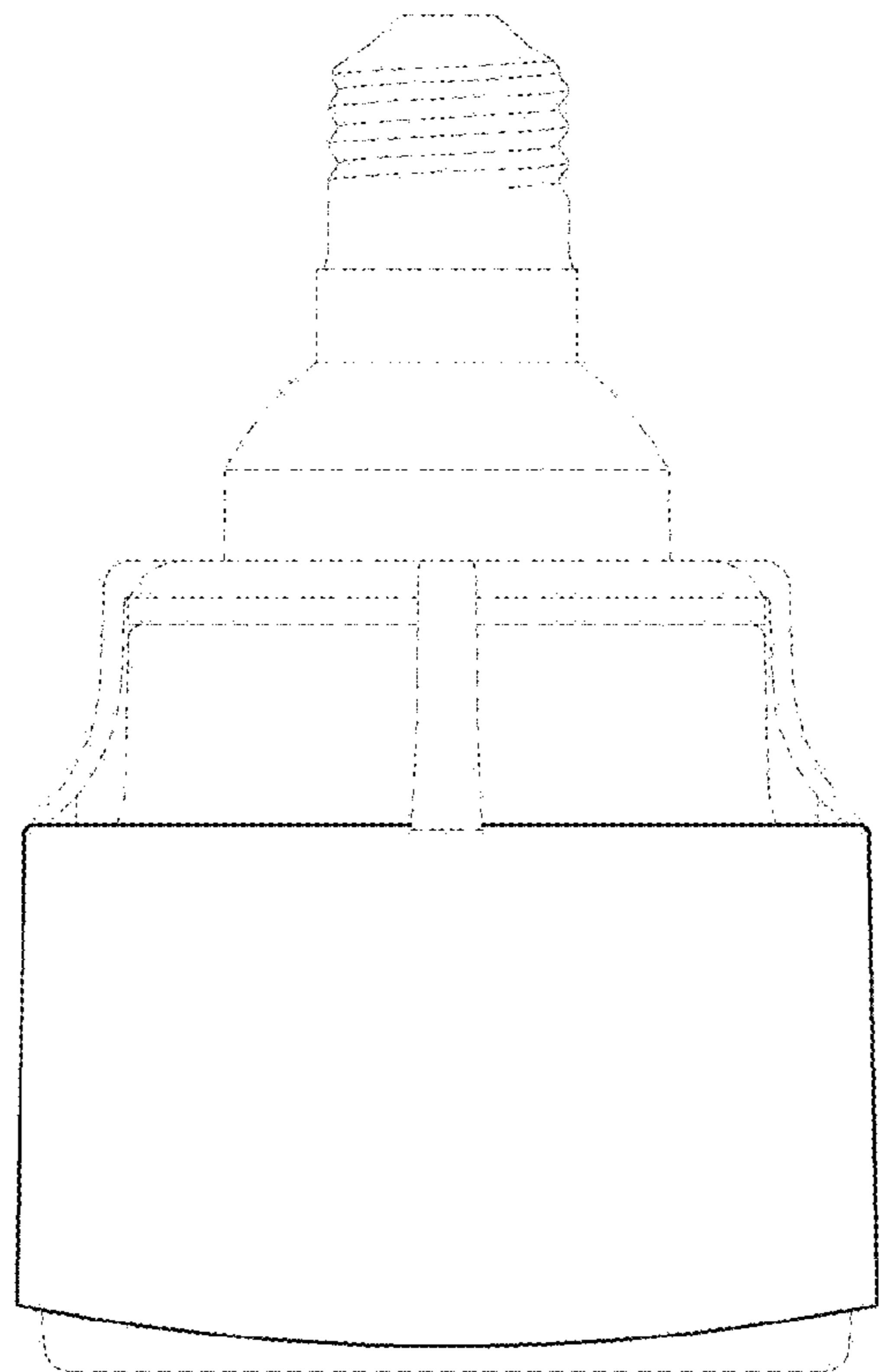


FIG. 3

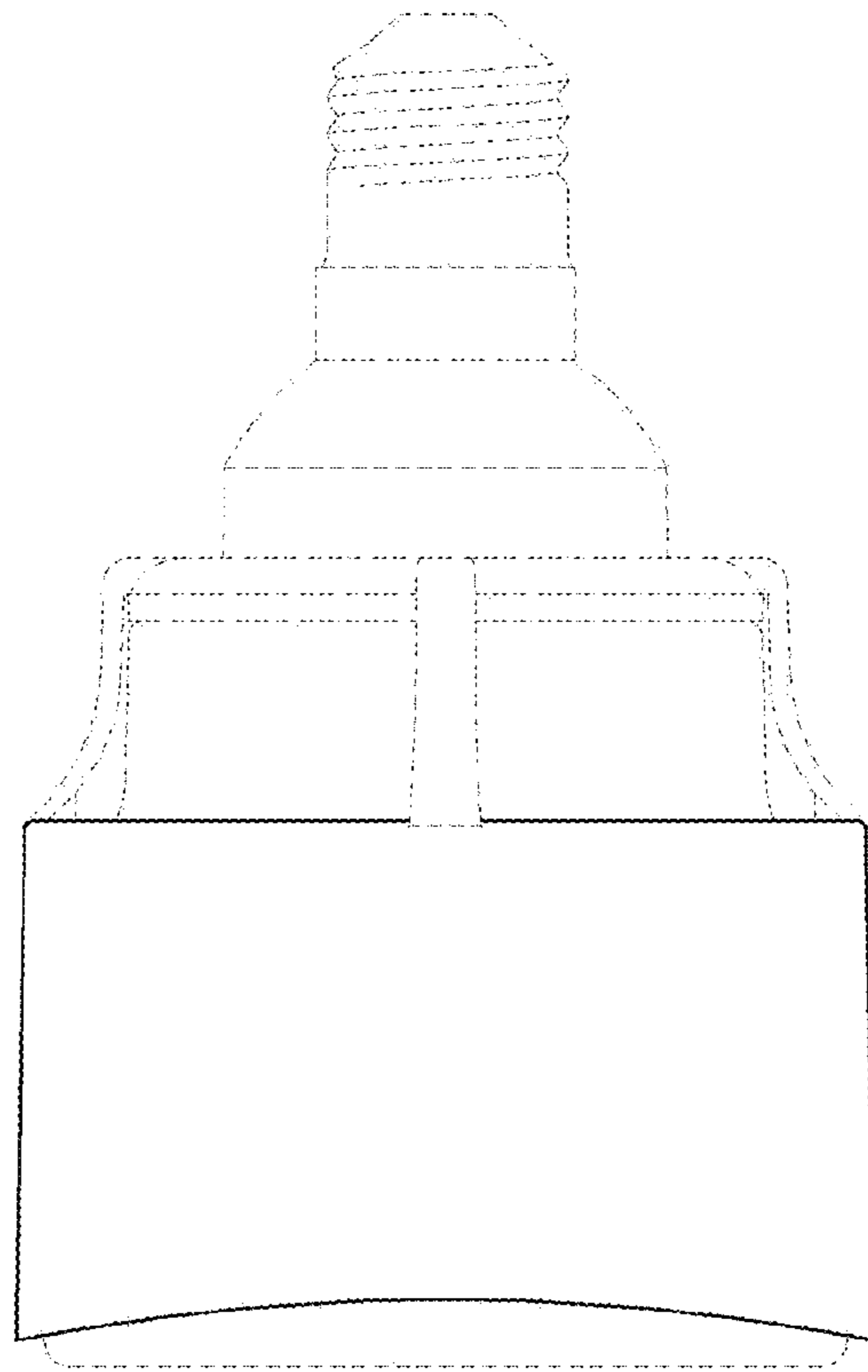


FIG. 4

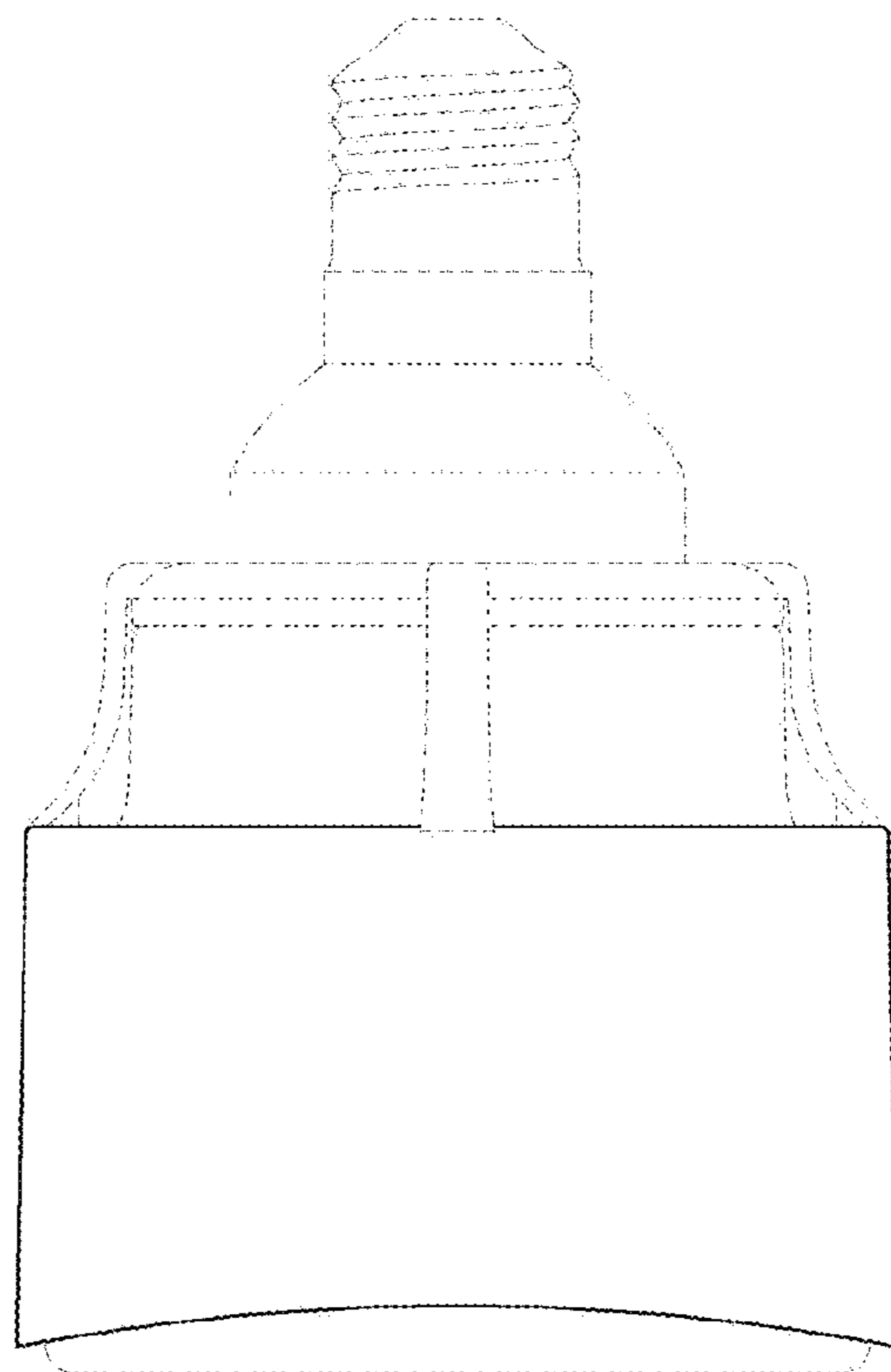


FIG. 5

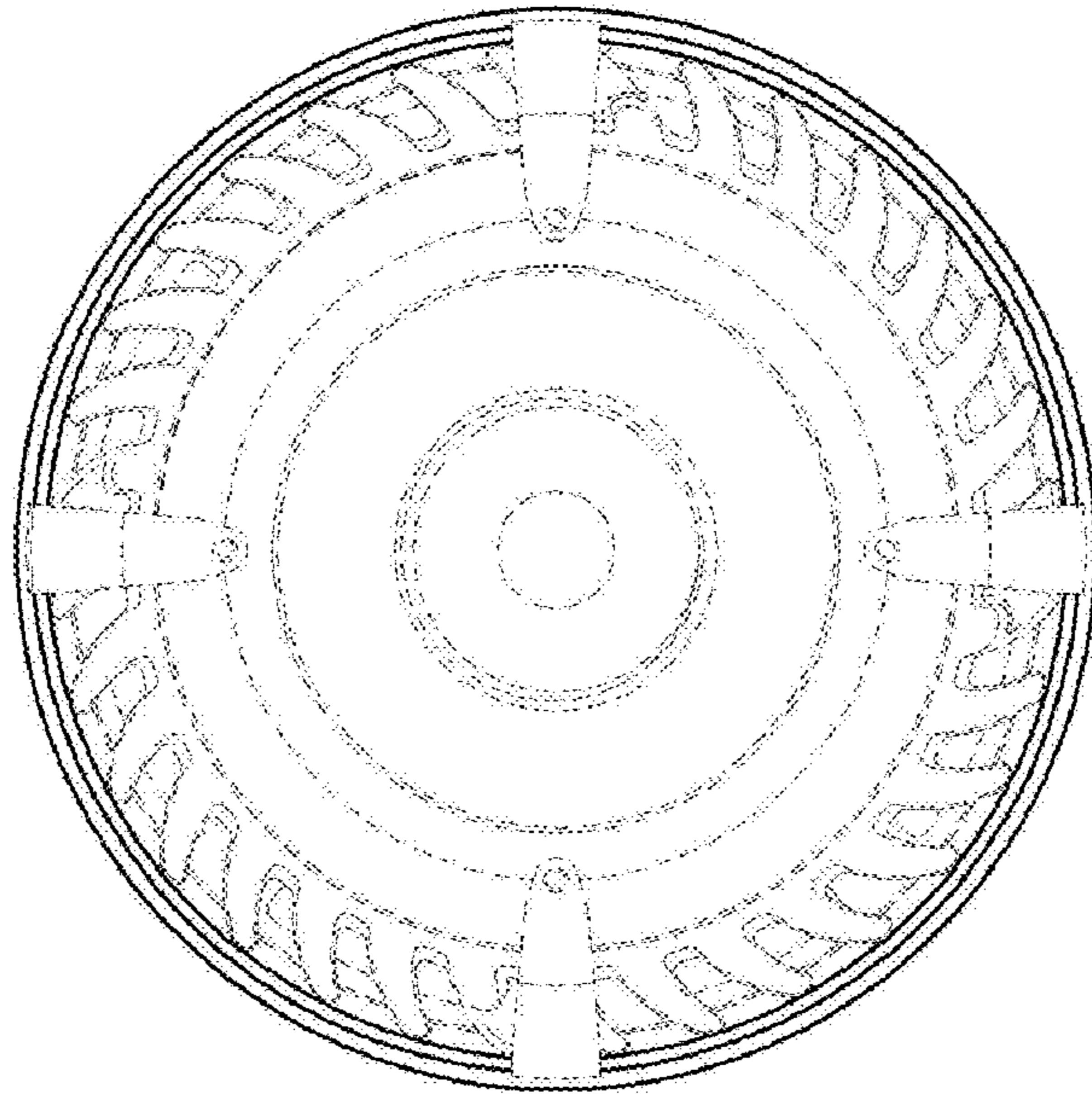


FIG. 6

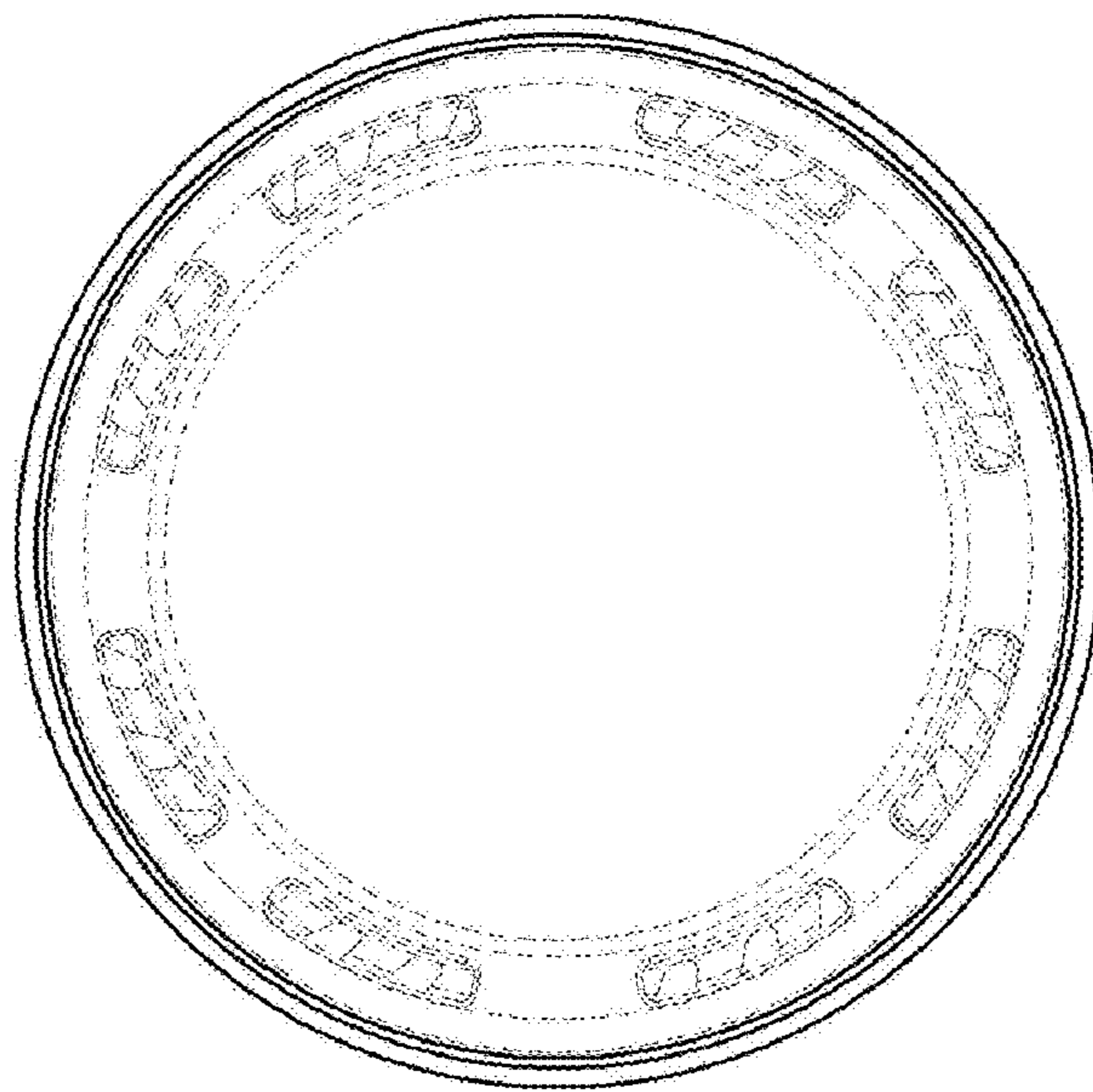


FIG. 7

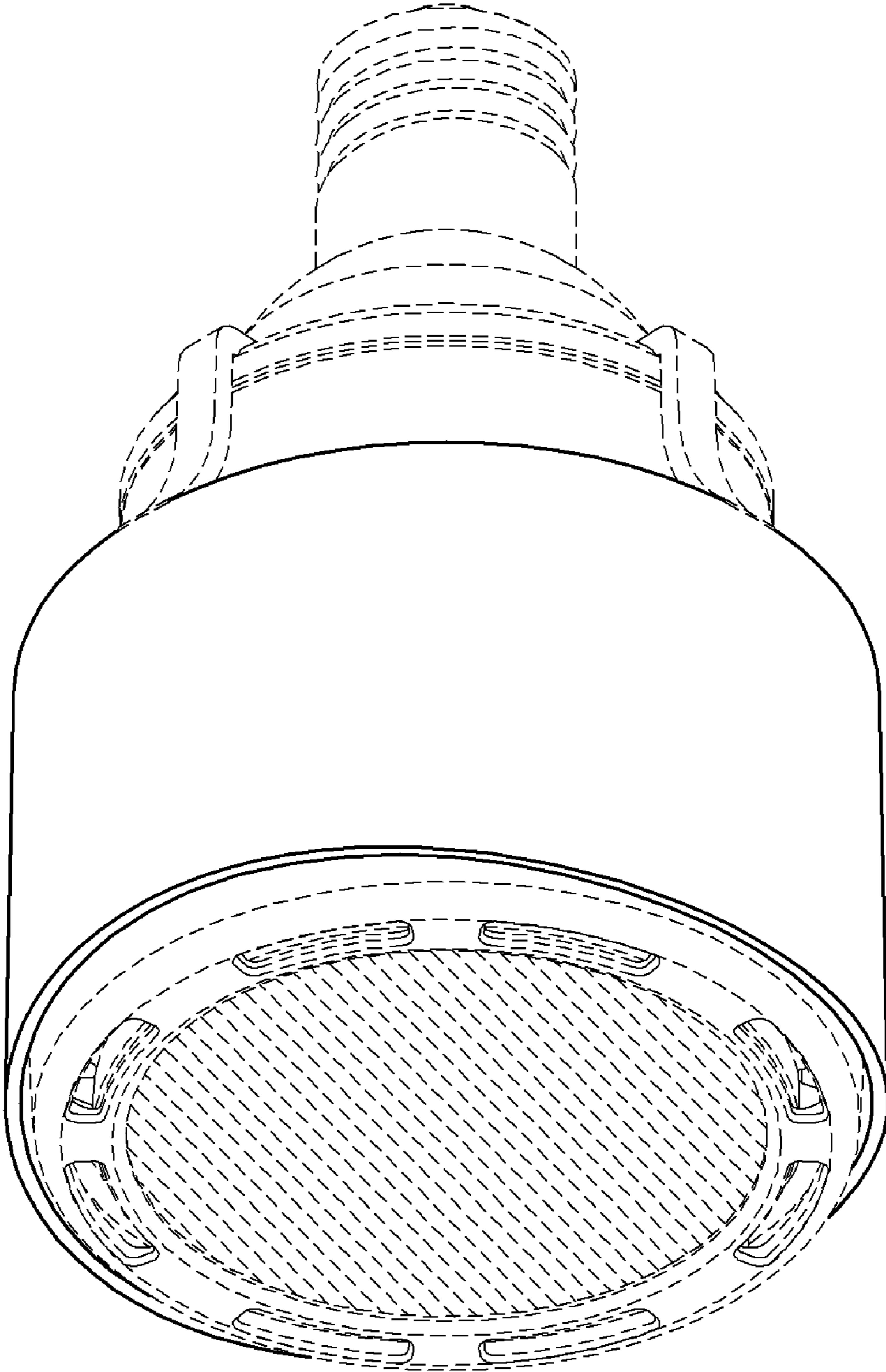


FIG. 8