



US00D653365S

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

(10) **Patent No.:** **US D653,365 S**
(45) **Date of Patent:** **** Jan. 31, 2012**

(54) **LED LAMP**

(75) Inventors: **Zongjie Yuan**, Santa Barbara, CA (US);
Eric Tarsa, Goleta, CA (US); **Tao Tong**,
Ventura, CA (US); **Ronan LeToquin**,
Fremont, CA (US); **Bernd Keller**, Santa
Barbara, CA (US)

(73) Assignee: **Cree, Inc.**, Durham, NC (US)

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

(21) Appl. No.: **29/381,404**

(22) Filed: **Dec. 19, 2010**

(51) **LOC (9) Cl.** **26-04**

(52) **U.S. Cl.** **D26/2**

(58) **Field of Classification Search** D26/1-4;
313/313, 315, 316, 317, 318, 493; 315/52,
315/53, 56, 57, 58

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,350,041	B1	2/2002	Tarsa	
D508,575	S *	8/2005	Buschmann et al.	D26/2
D528,227	S *	9/2006	Chou et al.	D26/2
D531,741	S *	11/2006	Takahashi	D26/2
D534,665	S *	1/2007	Egawa et al.	D26/2

(Continued)

FOREIGN PATENT DOCUMENTS

DE 102006061164 6/2008

(Continued)

OTHER PUBLICATIONS

International Search Report and Written Opinion, PCT/US2009/
063804, Mailed on Feb. 26, 2010.

(Continued)

Primary Examiner — Marcus Jackson

(74) *Attorney, Agent, or Firm* — Koppel, Patrick, Heybl &
Philpott

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of an LED lamp according to an
embodiment of the present invention.

FIG. 2 is a front elevation view of the LED lamp shown in
FIG. 1, with the rear and side views being substantially iden-
tical in ornamental appearance.

FIG. 3 is a top plan view of the LED lamp shown in FIG. 1.
FIG. 4 is a bottom plan view of the LED lamp shown in FIG.
1.

FIG. 5 is a perspective view of an LED lamp according to
another embodiment of the present invention.

FIG. 6 is a front elevation view of the LED lamp shown in
FIG. 5, with the rear and side views being substantially iden-
tical in ornamental appearance.

FIG. 7 is a top plan view of the LED lamp shown in FIG. 5.
FIG. 8 is a bottom plan view of the LED lamp shown in FIG.
5.

FIG. 9 is a perspective view of an LED lamp according to
another embodiment of the present invention.

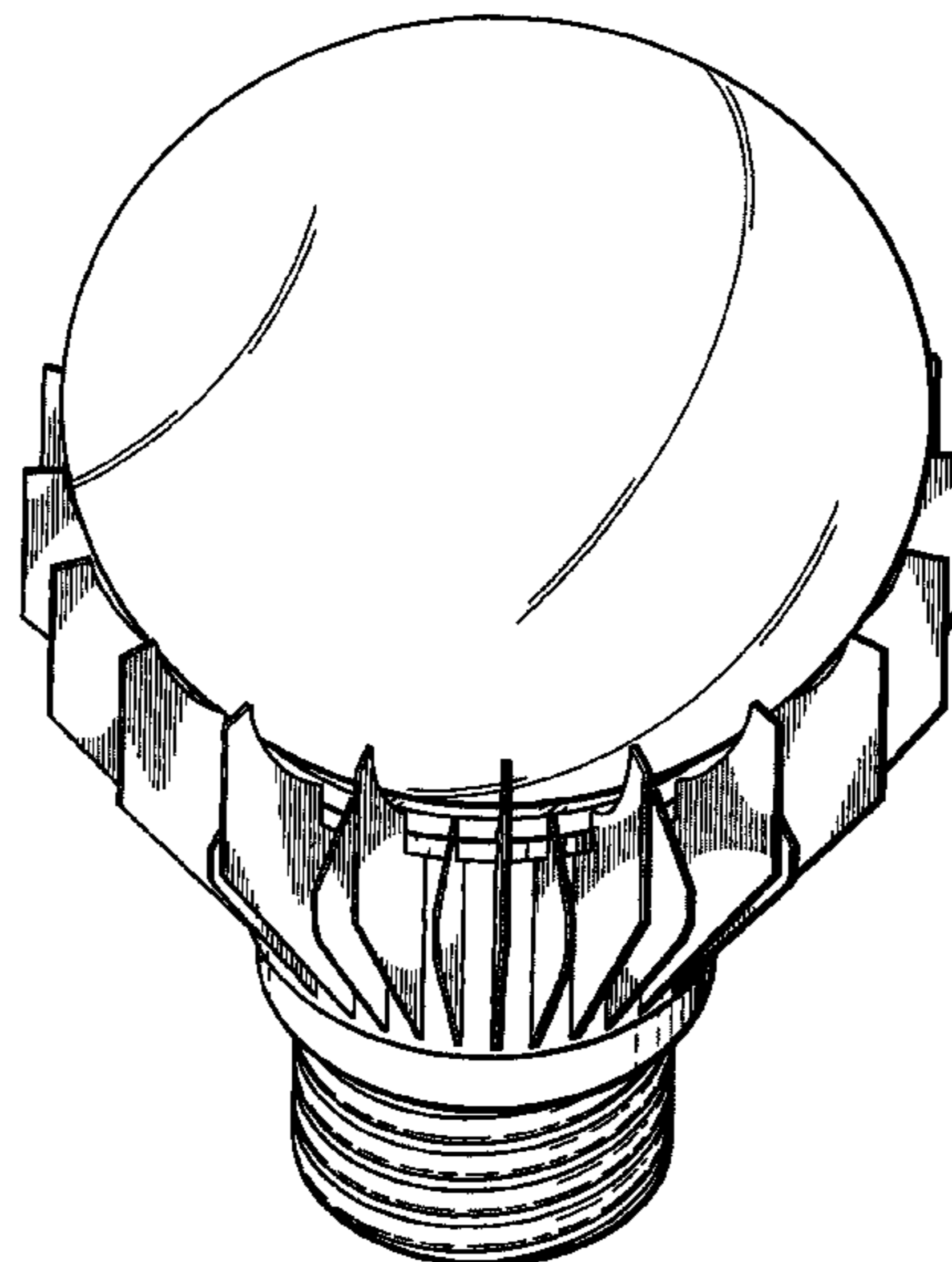
FIG. 10 is a front elevation view of the LED lamp shown in
FIG. 9, with the rear and side views being substantially iden-
tical in ornamental appearance.

FIG. 11 is a top plan view of the LED lamp shown in FIG. 9;
and,

FIG. 12 is a bottom plan view of the LED lamp shown in FIG.
9.

The broken lines shown in FIGS. 5-12 depict environmental
subject matter only and form no part of the claimed design.

1 Claim, 9 Drawing Sheets



U.S. PATENT DOCUMENTS

D538,953	S	*	3/2007	Mama	D26/2
D541,440	S	*	4/2007	Feit	D26/2
7,213,940	B1		5/2007	Van De Ven		
D553,267	S	*	10/2007	Yuen	D26/2
7,614,759	B2		11/2009	Negley		
7,618,157	B1		11/2009	Galvez		
7,663,315	B1		2/2010	Hulse		
7,686,478	B1		3/2010	Hulse		
D615,220	S	*	5/2010	Crane et al.	D26/2
2002/0047516	A1		4/2002	Iwasa		
2004/0159846	A1		8/2004	Doxsee		
2005/0242711	A1		11/2005	Bloomfield		
2007/0223219	A1		9/2007	Medendorp		
2007/0263405	A1		11/2007	Ng		
2008/0080165	A1		4/2008	Kim		
2009/0101930	A1		4/2009	Li		
2009/0103293	A1		4/2009	Harbers		
2009/0103296	A1		4/2009	Harbers		
2010/0025700	A1		2/2010	Jung		
2010/0155763	A1		6/2010	Donofrio		
2010/0201284	A1		8/2010	Kraus		

FOREIGN PATENT DOCUMENTS

GB	2 366 610	A	3/2002
JP	11-213730	A	8/1999
JP	2005021635		11/2005
JP	200640850	A	9/2006
JP	2009-016058	A	1/2009
WO	WO 2007/130358	A2	11/2007
WO	WO 2009/024952	A2	2/2009
WO	WO 2009/093163	A2	7/2009
WO	WO 2009/107052	A1	9/2009
WO	WO 2009/128004	A1	10/2009
WO	WO 2009/158422	A1	12/2009
WO	WO 2010/128419	A1	11/2010

OTHER PUBLICATIONS

U.S. Appl. No. 12/566,195, Van De Ven, filed Sep. 24, 2009.
 U.S. Appl. No. 12/704,730, Van De Ven, filed Feb. 12, 2010.
 C. Crane GeoBulb® LED Light Bulb, Item #2SW, Description, p. 1-2.
 C. Crane GeoBulb®-II LED Light Bulb, Item #2SW, Specs, p. 1-2.
 Cree LR4, 4" Recessed Architectural Downlight, Product Info p. 1-2.
 Cree LR6, 6" Recessed Downlight Module, Product Info, p. 1-2.
 U.S. Appl. No. 12/901,405, filed Oct. 8, 2010, Tong.
 U.S. Appl. No. 61/339,515, filed Mar. 3, 2010, Tong.
 U.S. Appl. No. 12/848,825, filed Aug. 2, 2010, Tong.
 U.S. Appl. No. 12/975,820, Van De Ven.
 U.S. Appl. No. 13/029,063, filed Feb. 16, 2011, Hussell.
 U.S. Appl. No. 61/424,670, filed Dec. 19, 2010, Zongjie Yuan.
 U.S. Appl. No. 11/656,759, filed Jan. 22, 2007 Chitnis.
 U.S. Appl. No. 11/899,790, filed Sep. 7, 2007 Chitnis.
 U.S. Appl. No. 11/473,089, filed Jun. 21, 2006 Tarsa.
 U.S. Appl. No. 61/435,759, filed Jan. 24, 2011 Le.
 U.S. Appl. No. 61/339,516, filed Mar. 3, 2010 Tong.
 International Search Report and Written Opinion for PCT/US2011/000400 mailed May 2, 2011.
 Cree XLAMP® XP-G LED, Product Info and Data Sheet, 14 pages, prior to Dec. 19, 2010.
 Cree XLAMP® XP-E LED, Product Info and Data Sheet, 20 pages, prior to Dec. 19, 2010.
 International Search Report and Written Opinion for PCT Application No. PCT/US2011/000397 mailed May 24, 2011.
 International Search Report and Written Opinion for PCT Application No. PCT/US2010/003146 mailed Jun. 7, 2011.
 International Search Report and Written Opinion for PCT Application No. PCT/US2011/000399 mailed Jul. 12, 2011.
 Decision to Refuse a European Patent Application for EP 09 152 962.8 dated Jul. 6, 2011.

* cited by examiner

FIG. 1

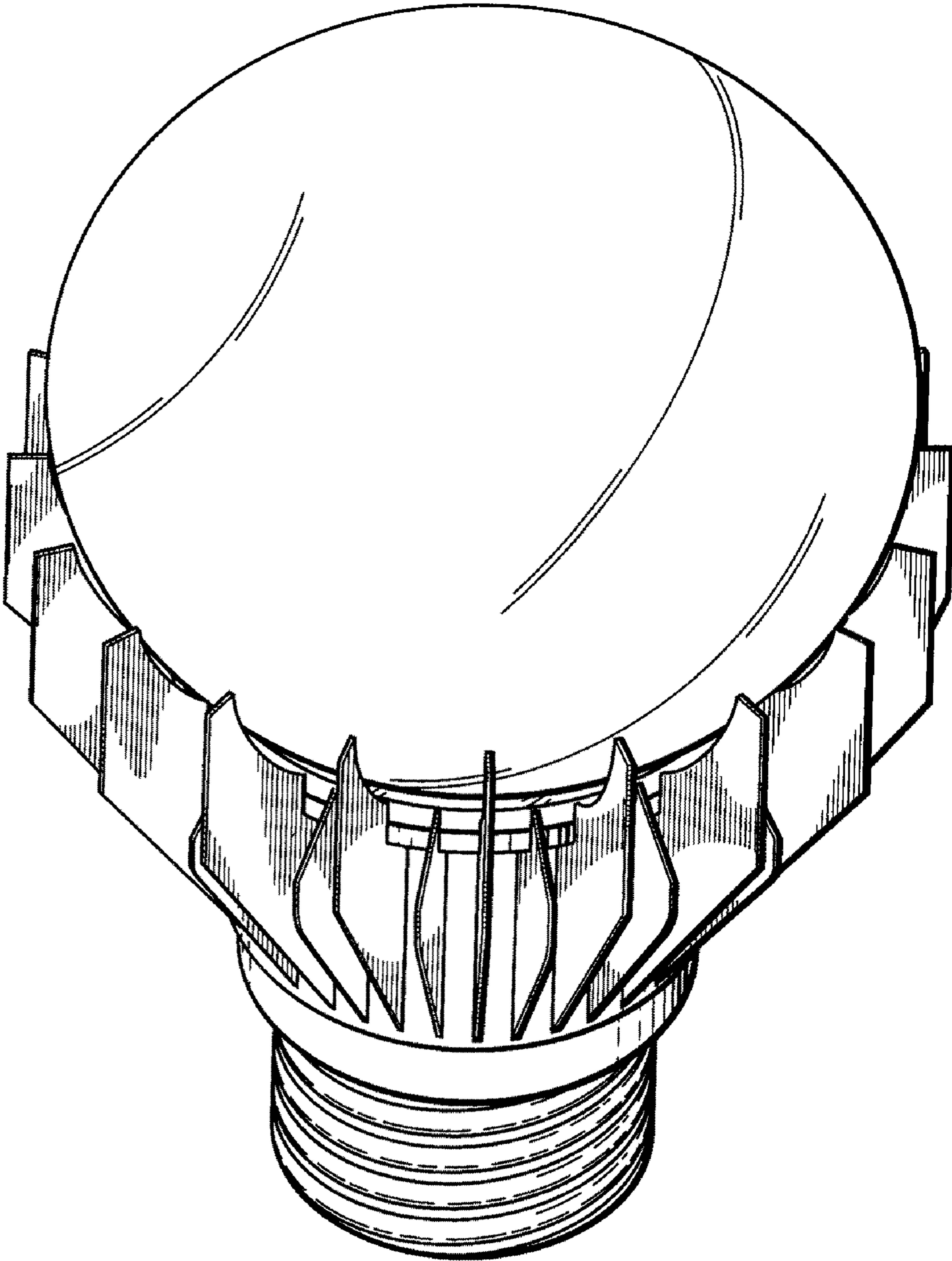
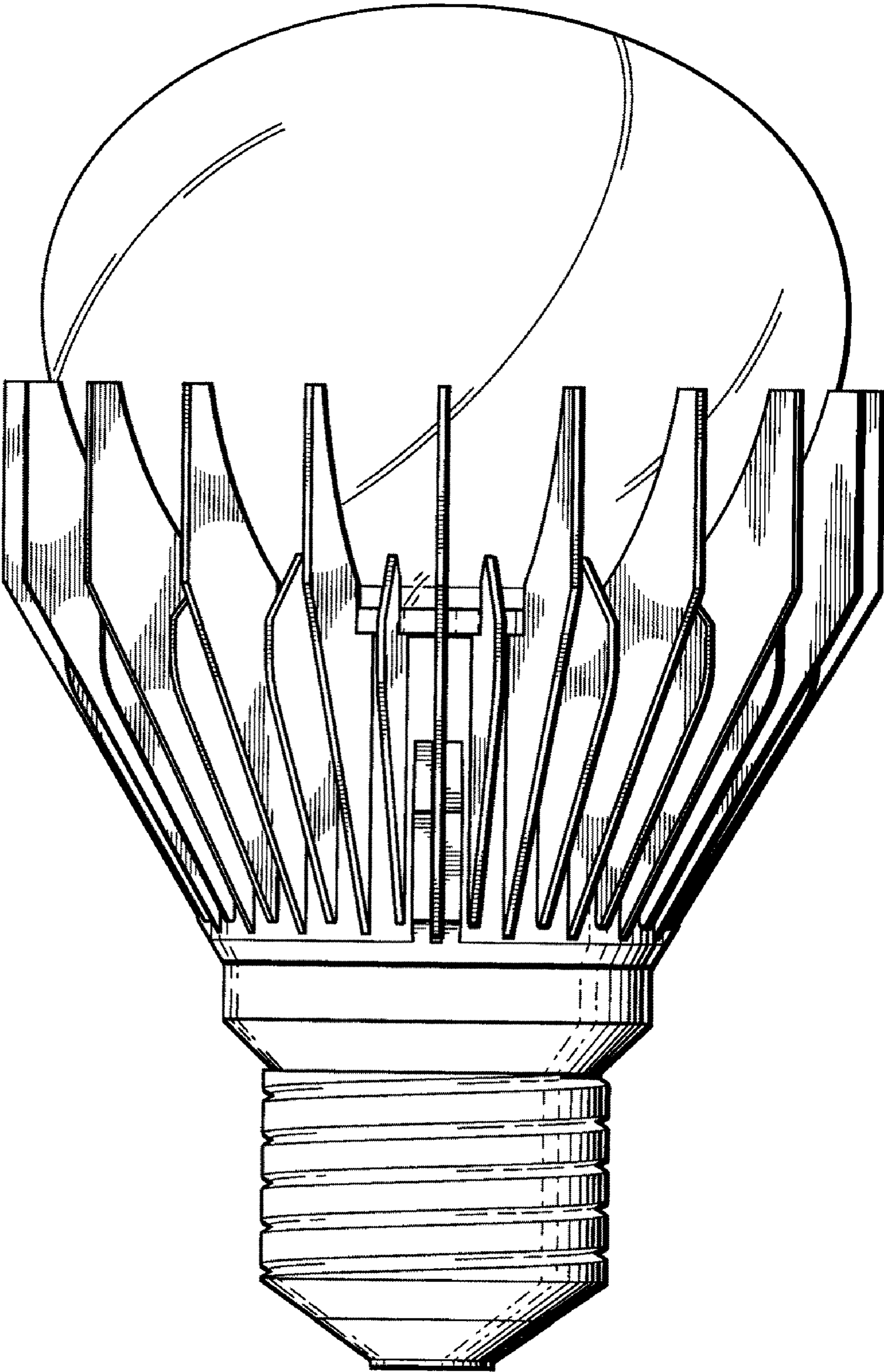


FIG. 2



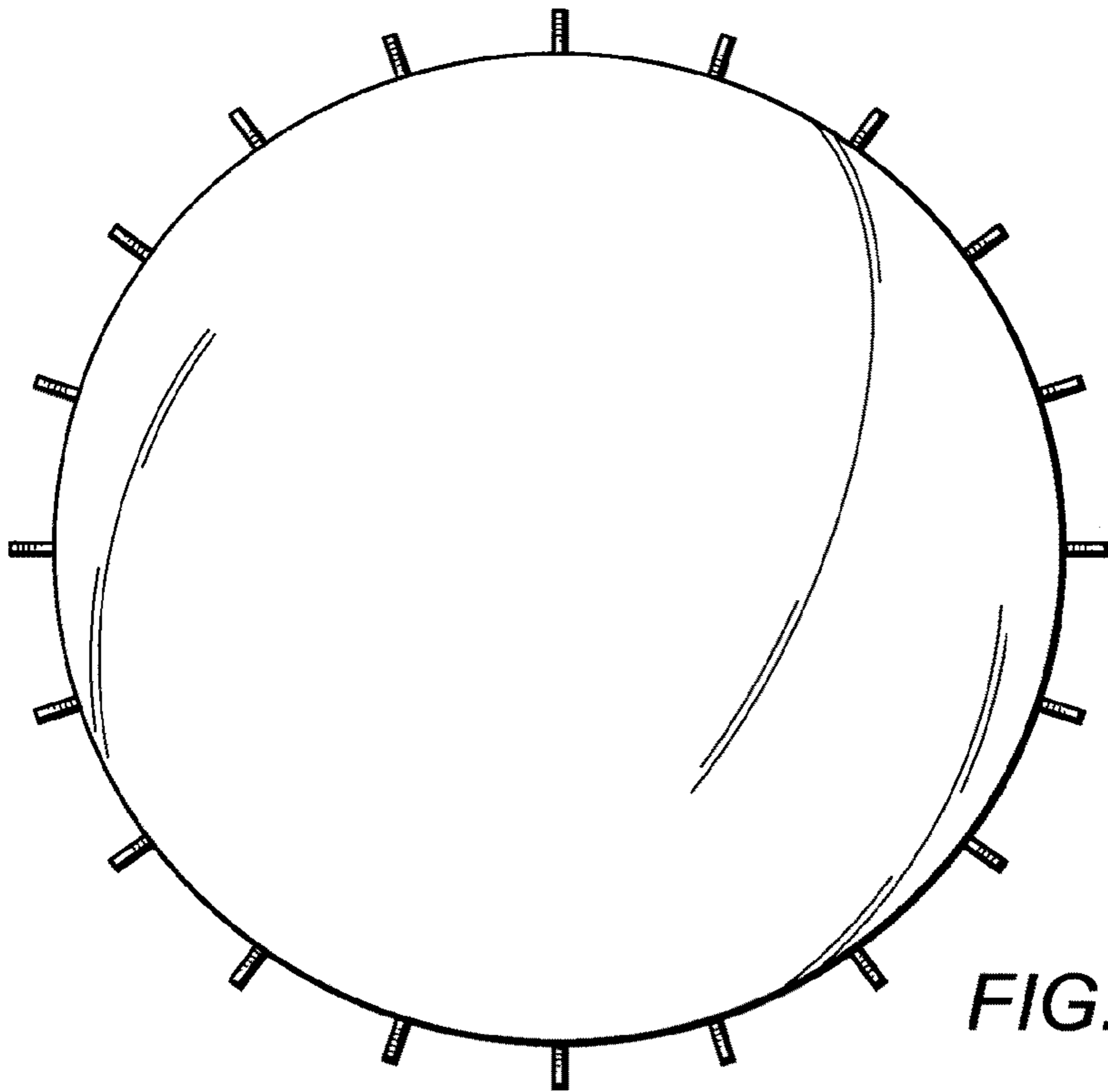


FIG. 3

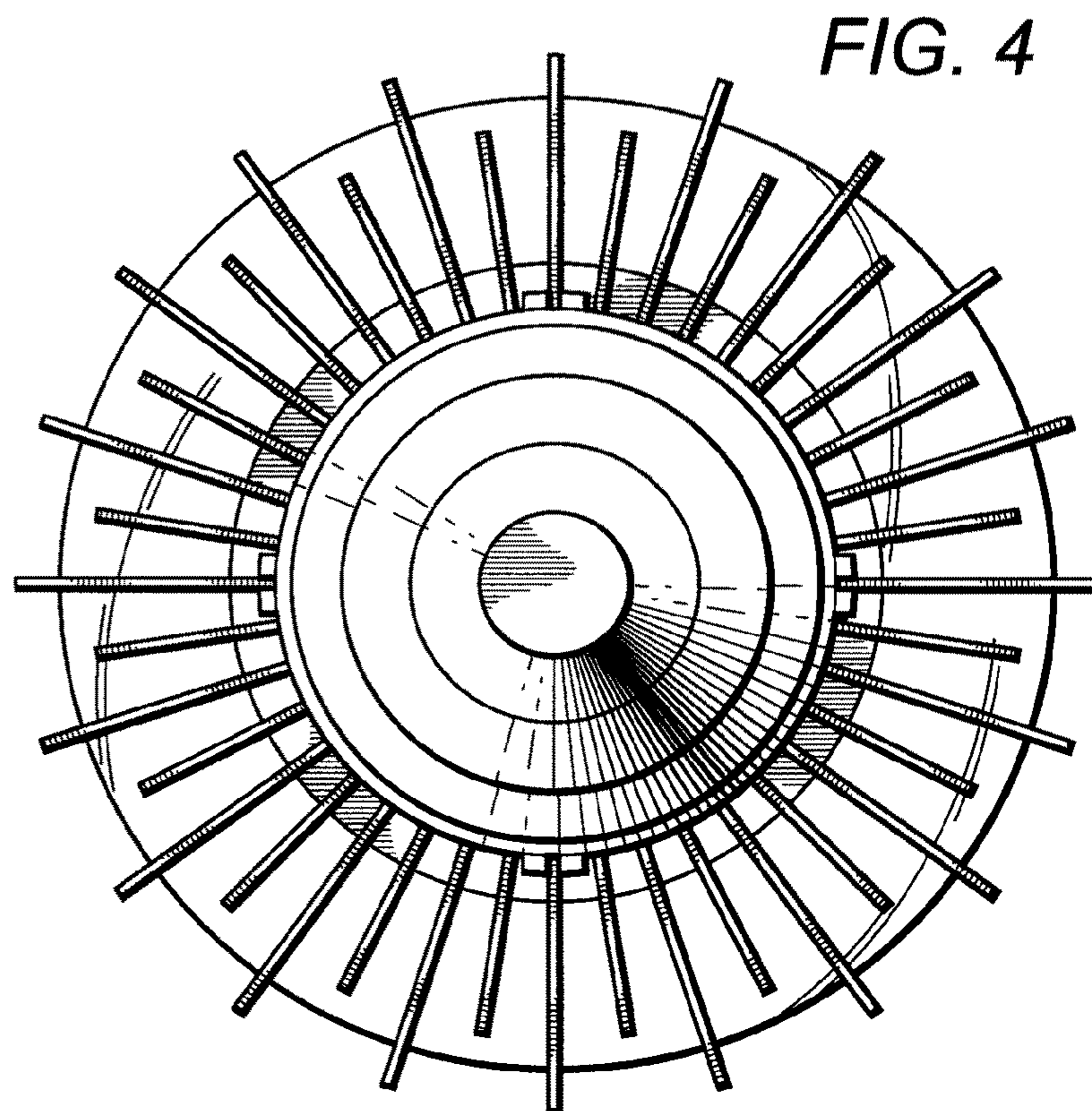


FIG. 4

FIG. 5

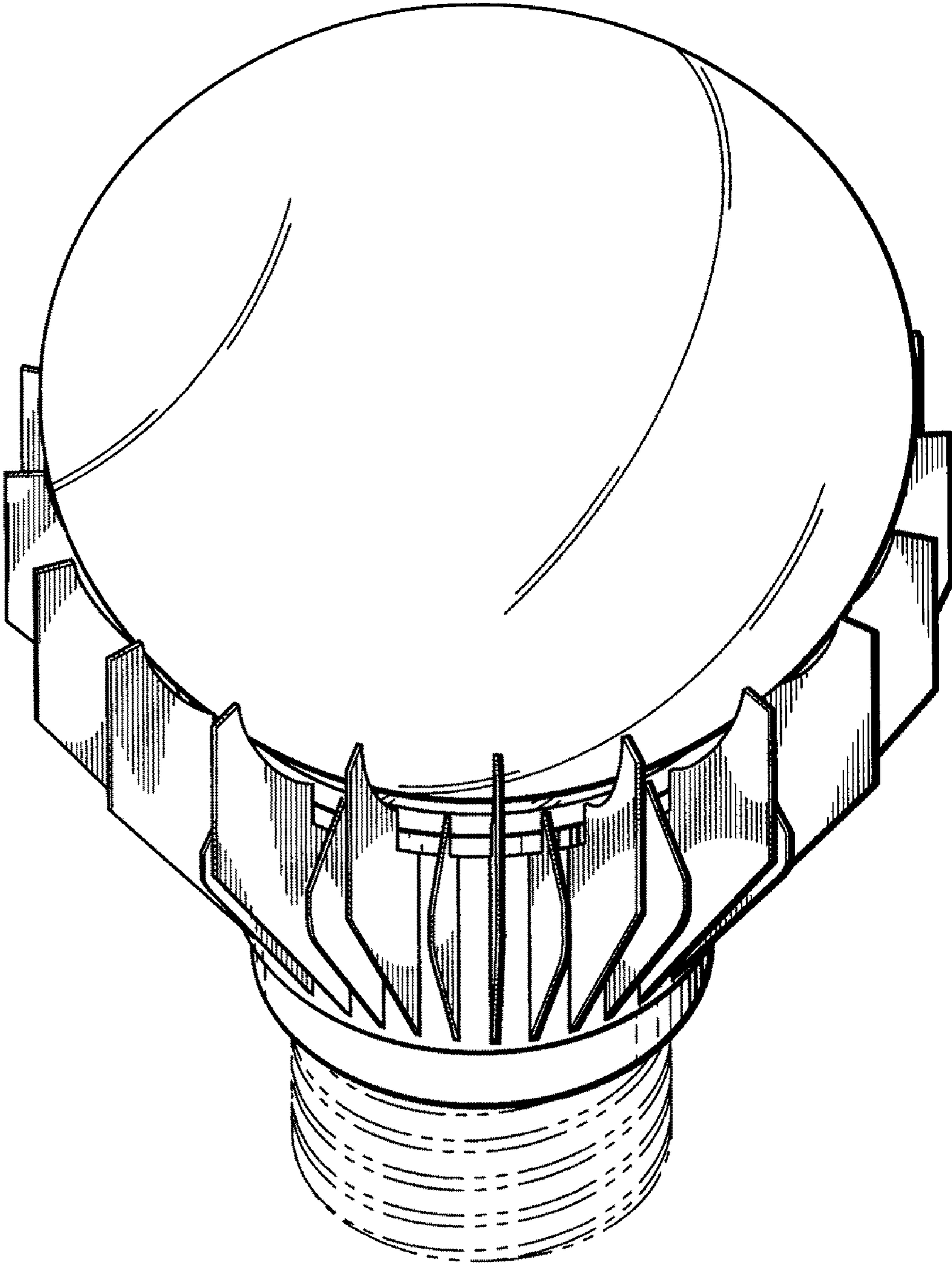
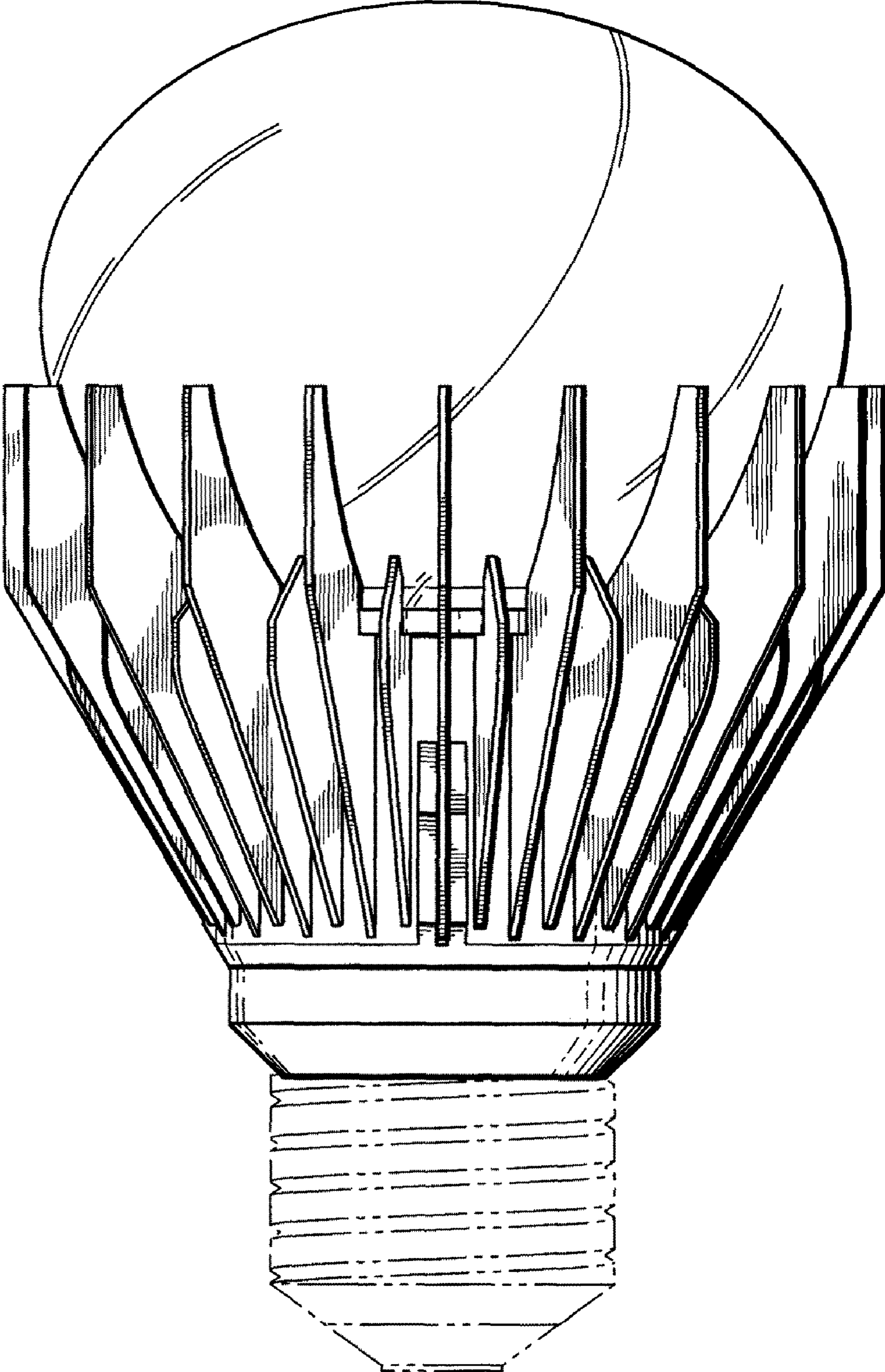


FIG. 6



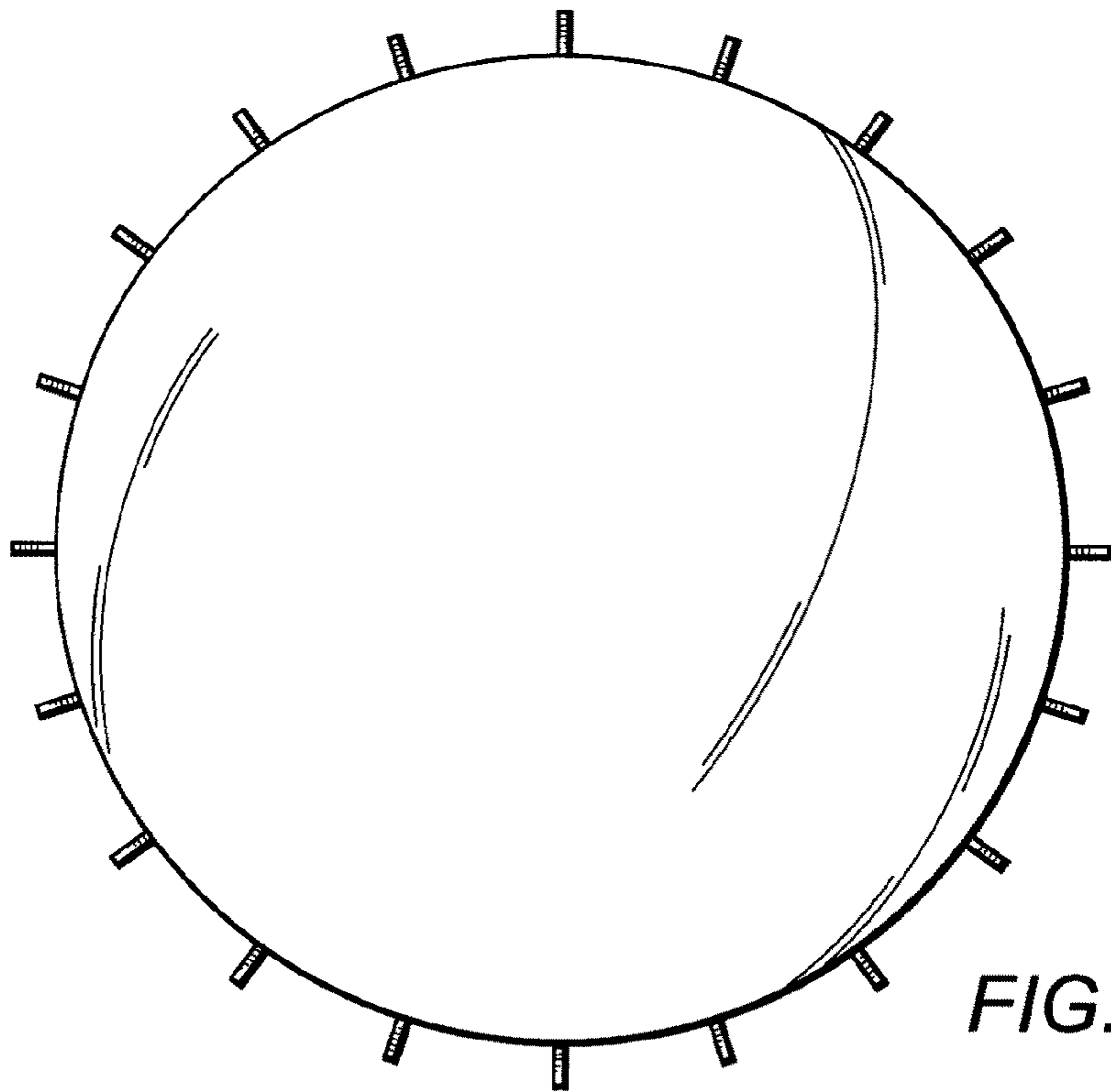


FIG. 7

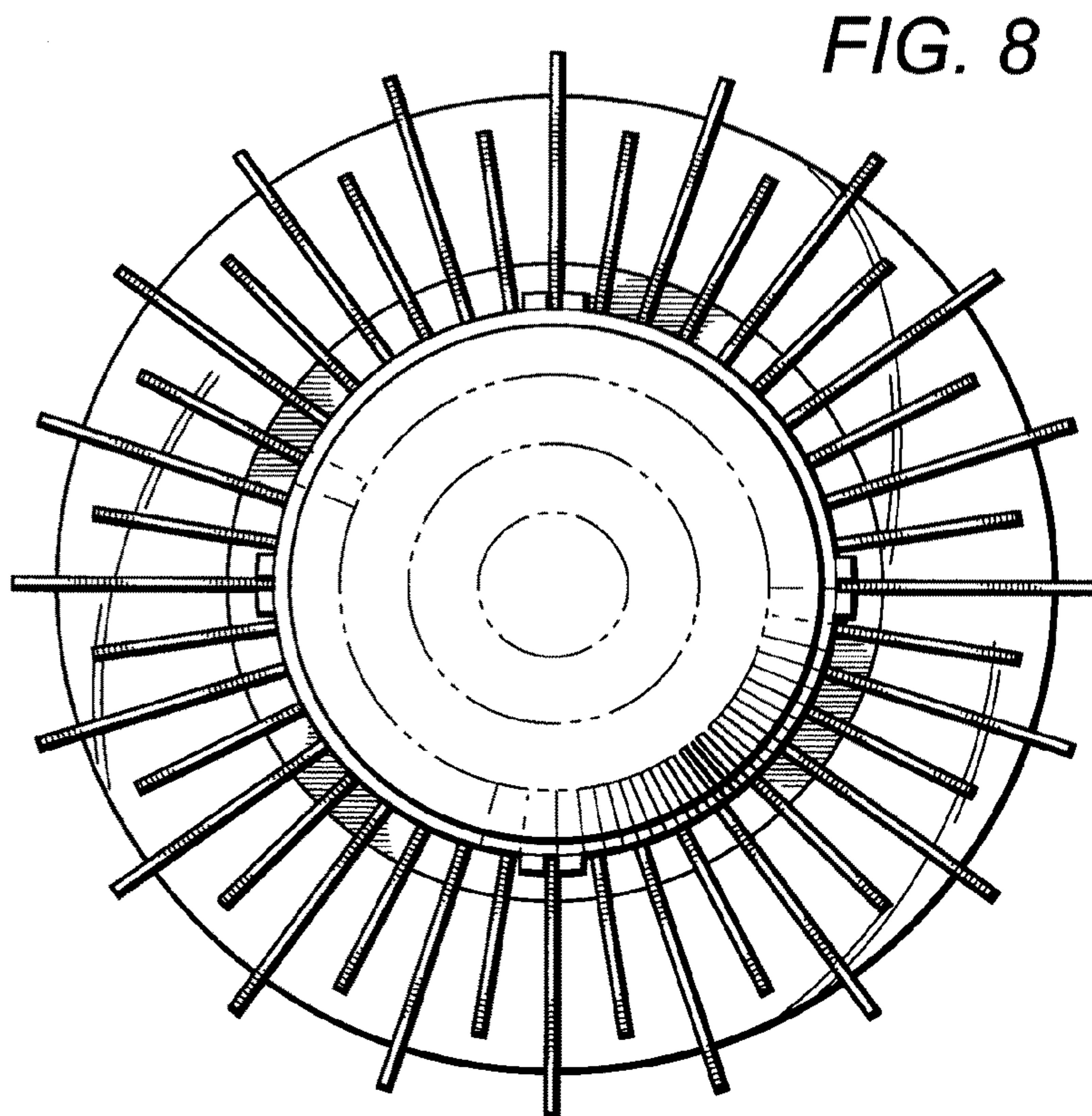


FIG. 8

FIG. 9

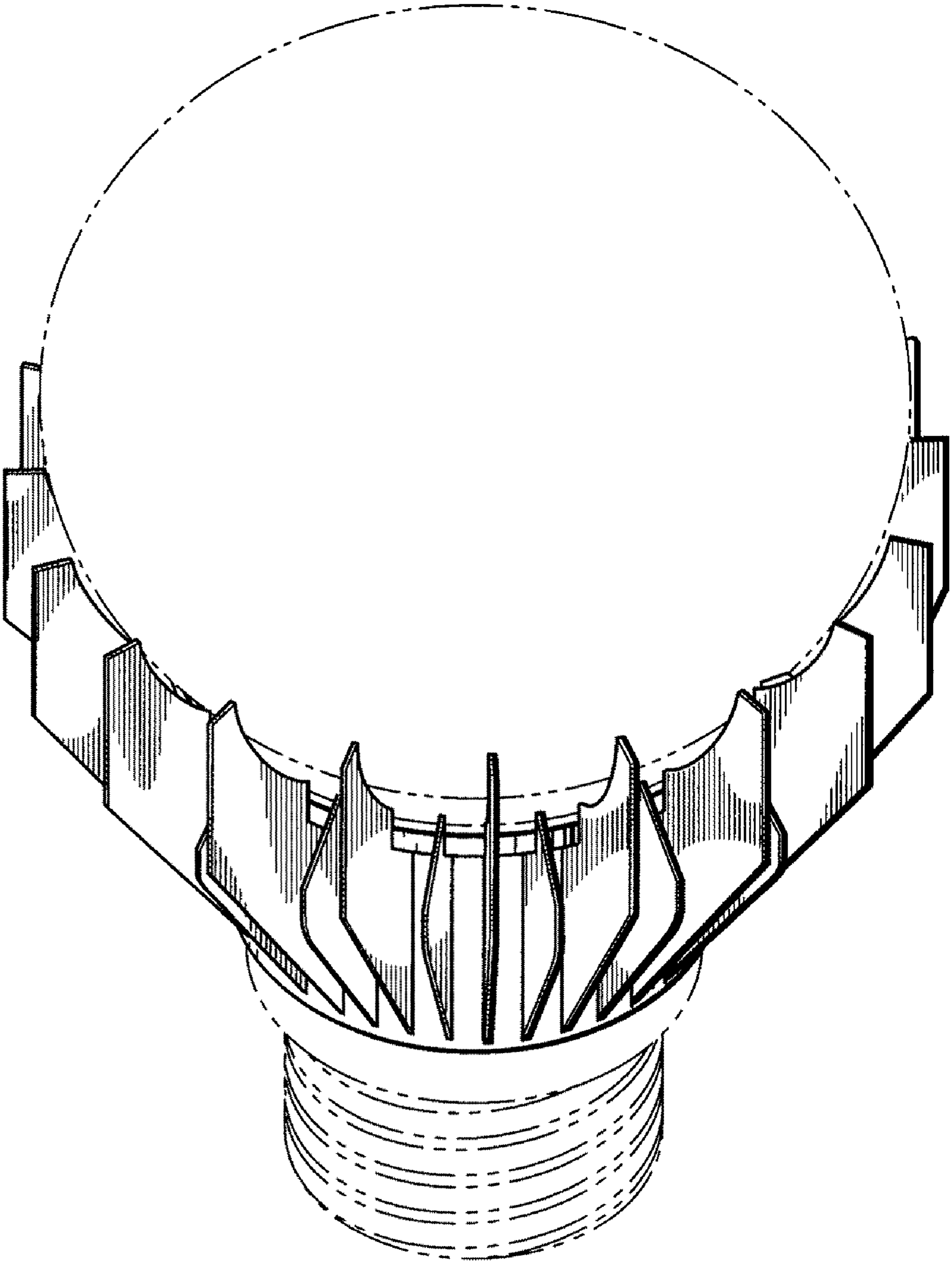
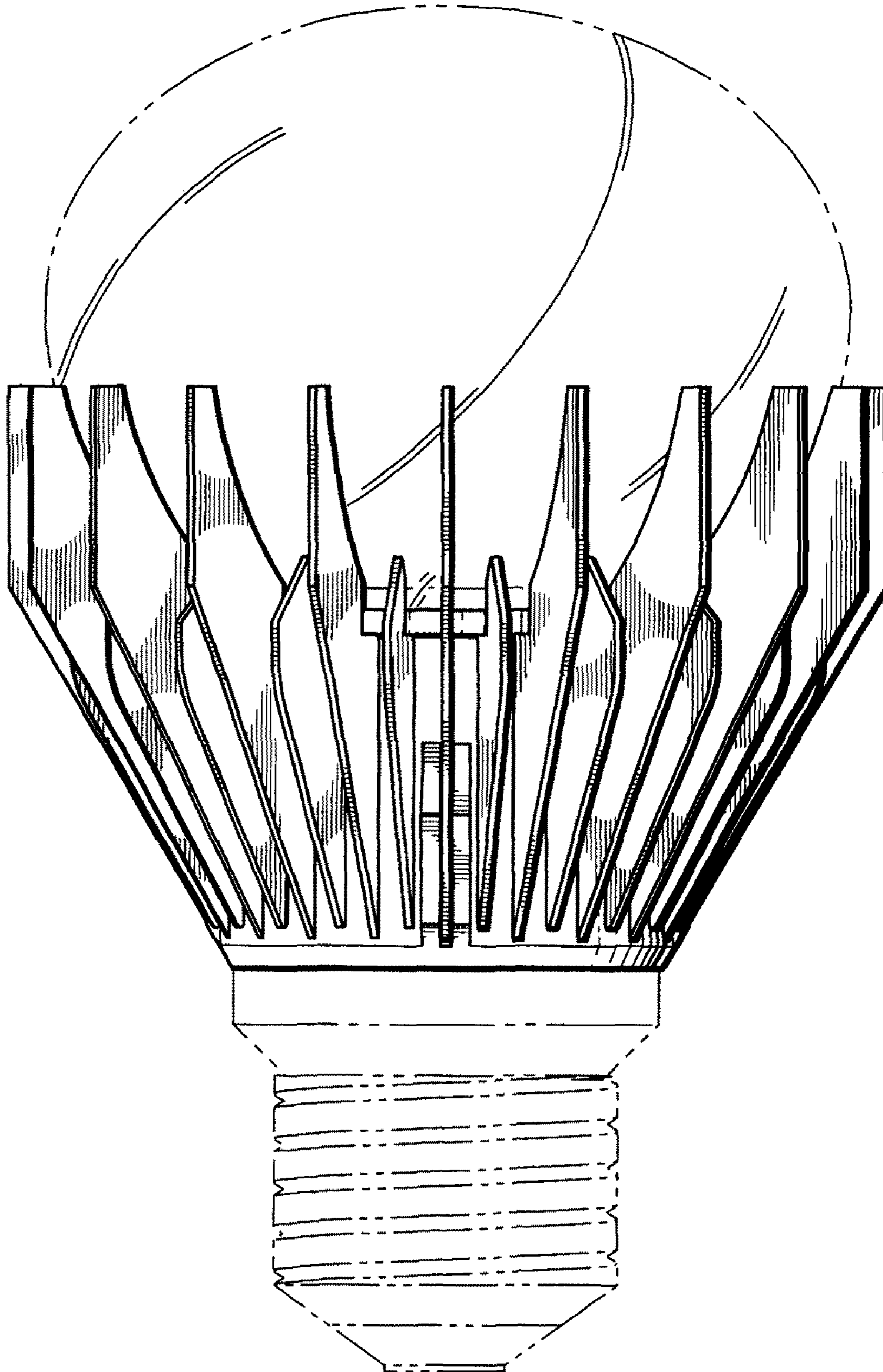


FIG. 10



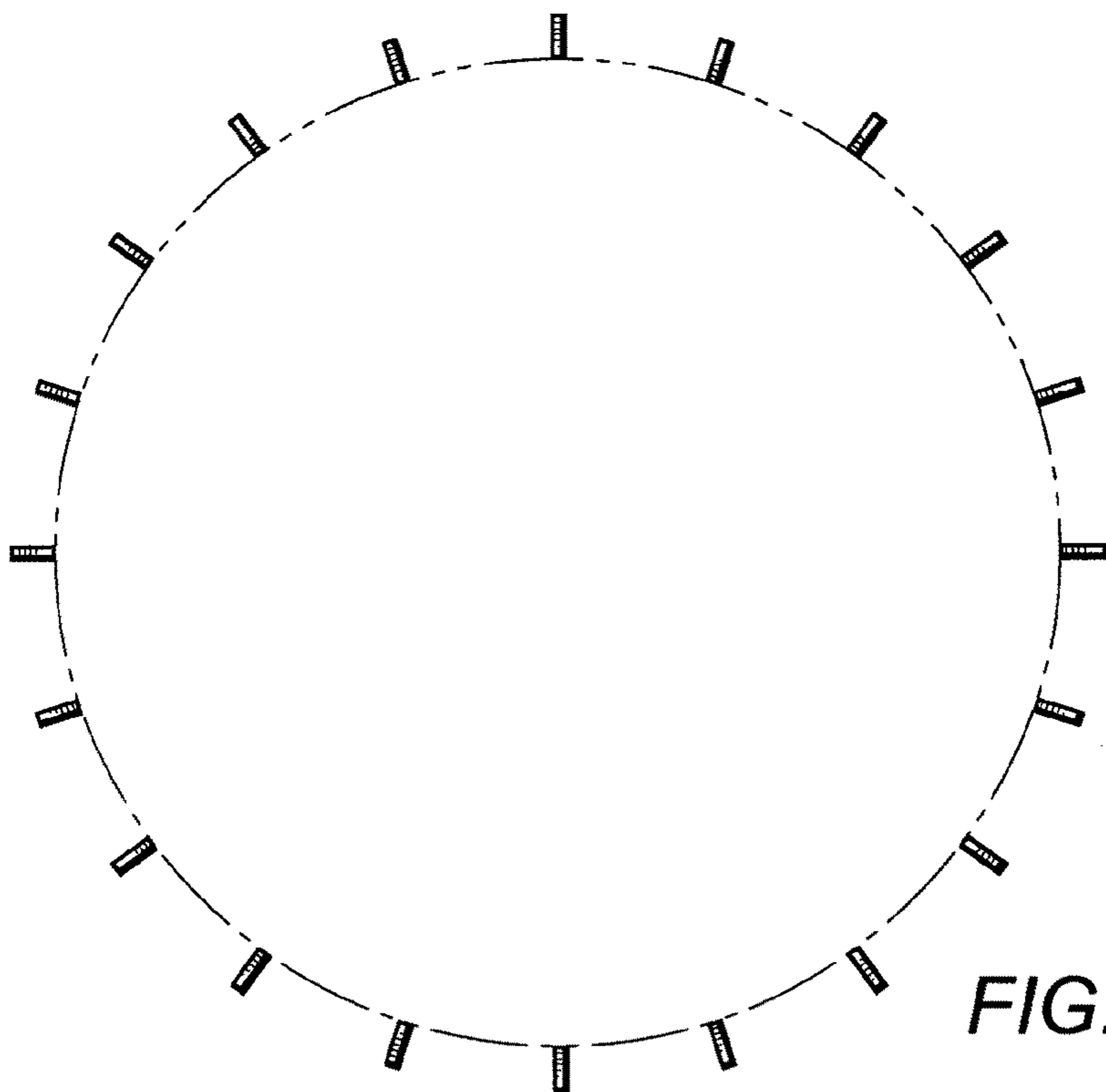


FIG. 11

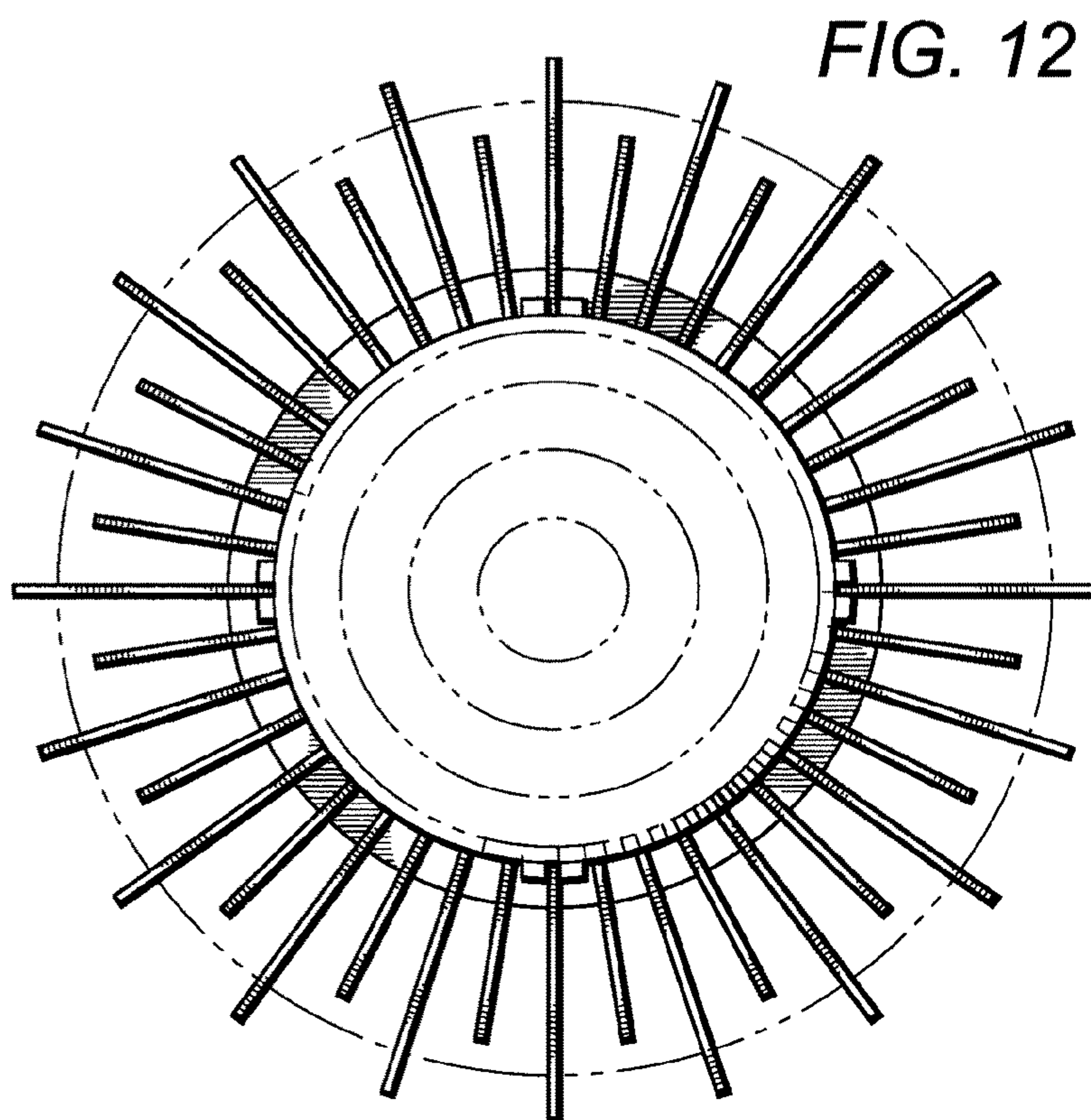


FIG. 12