



US00D674960S

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

(10) **Patent No.:** **US D674,960 S**

(45) **Date of Patent:** **** Jan. 22, 2013**

(54) **HEAT SINK FOR PAR LAMPS**

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

(21) Appl. No.: **29/416,959**

(22) Filed: **Mar. 28, 2012**

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

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

(58) **Field of Classification Search** D26/1,
D26/2, 118, 113, 138, 119, 120, 121, 122,
D26/76, 77, 75, 78, 85, 86, 89, 90, 62, 64,
D26/65, 66, 63, 73, 72, 74, 68, 71, 28, 123,
D26/124, 127, 128, 129, 134, 135, 132, 139,
D26/154, 155, 152, 149, 148, 145, 143, 142,
D26/140, 141, 153, 144, 91, 92, 29, 24, 25,
D26/26, 8, 114, 37, 87; 362/202, 347, 349,
362/362, 419, 96, 192, 145, 294, 326, 267,
362/373, 249.01–249.12; D13/102, 179,
D13/180

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D541,957	S	*	5/2007	Wang	.....	D26/2
D545,457	S	*	6/2007	Chen	.....	D26/2
D560,286	S	*	1/2008	Maxik et al.	.....	D26/2
D570,504	S	*	6/2008	Maxik et al.	.....	D26/2
D597,704	S	*	8/2009	Peng	.....	D26/118
D599,041	S	*	8/2009	Yoo	.....	D26/2
D612,956	S	*	3/2010	Moon	.....	D26/2
D618,369	S	*	6/2010	Lee et al.	.....	D26/2
D626,260	S	*	10/2010	Wei	.....	D26/2
D629,930	S	*	12/2010	Cotter et al.	.....	D26/2
D630,347	S	*	1/2011	Pei et al.	.....	D26/2
D644,352	S	*	8/2011	Layevsky et al.	.....	D26/2
D645,579	S	*	9/2011	Layevsky et al.	.....	D26/2
D646,409	S	*	10/2011	MacDonald et al.	.....	D26/2
D650,495	S	*	12/2011	Foo	.....	D26/2
D652,564	S	*	1/2012	Maxik	.....	D26/118

D657,477 S * 4/2012 Tu D26/2
D661,413 S * 6/2012 Maxik et al. D26/2

* cited by examiner

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Joseph H. Taddeo

(57) **CLAIM**

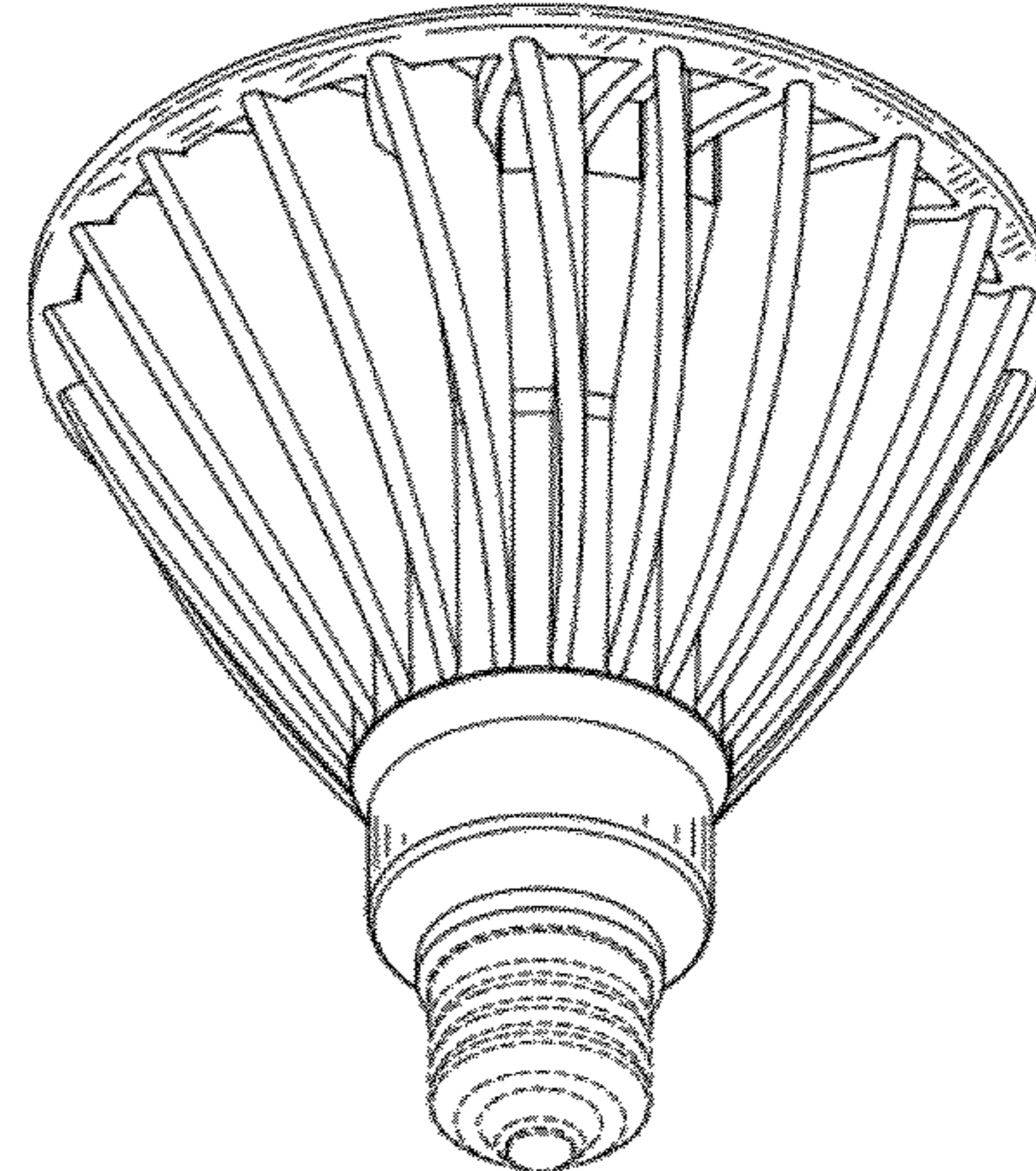
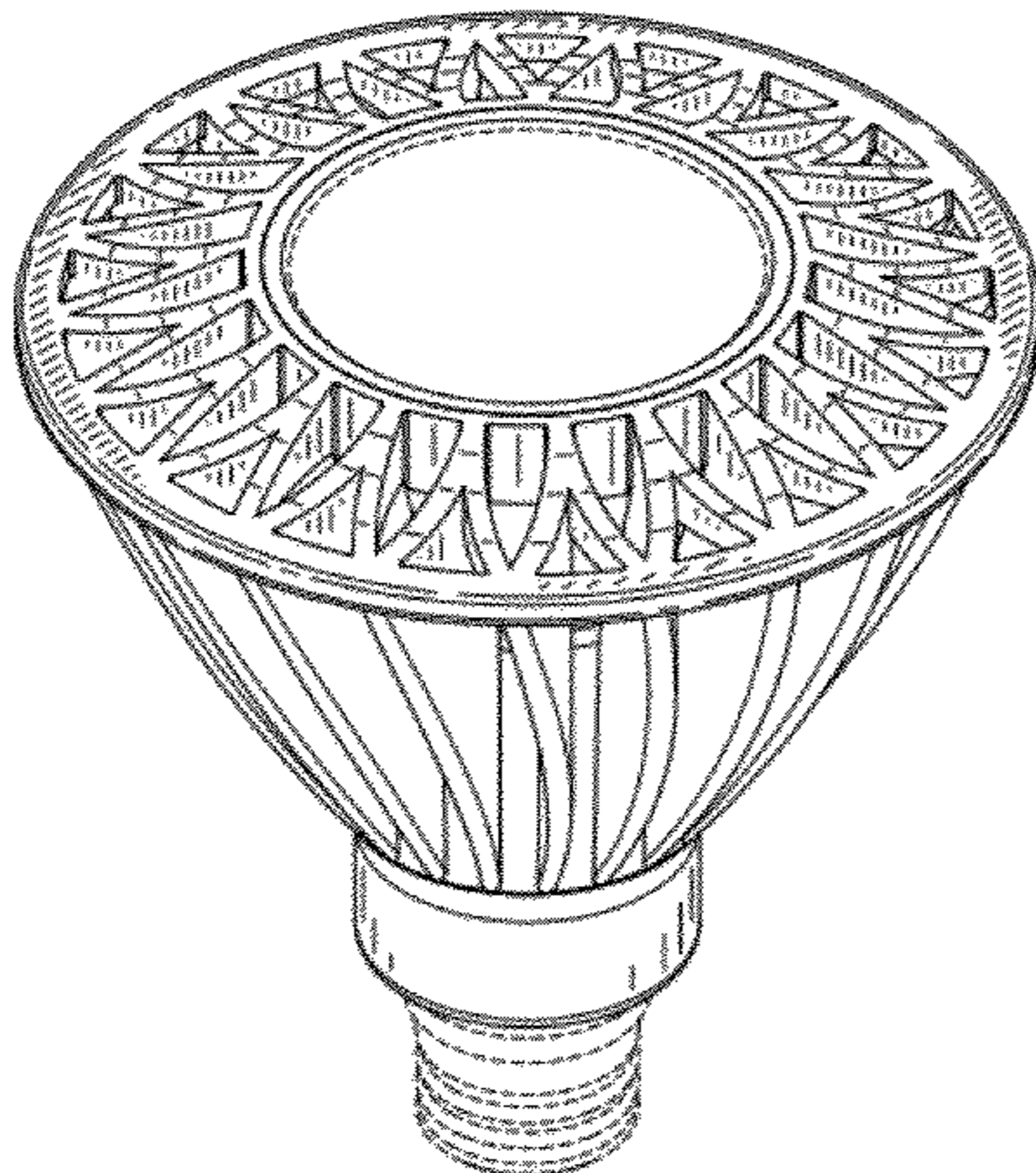
The ornamental design for a heat sink for par lamps, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the first embodiment for a heat sink for par lamps showing our new design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a front elevation view thereof;
FIG. 6 is a rear elevation view thereof;
FIG. 7 is a left elevation view thereof;
FIG. 8 is a right elevation view thereof;
FIG. 9 is a top perspective view of the second embodiment for a heat sink for par lamps showing our new design;
FIG. 10 is a bottom perspective view thereof;
FIG. 11 is a top plan view thereof;
FIG. 12 is a bottom plan view thereof;
FIG. 13 is a front elevation view thereof;
FIG. 14 is a rear elevation view thereof;
FIG. 15 is a left elevation view thereof;
FIG. 16 is a right elevation view thereof;
FIG. 17 is a top perspective view of the third embodiment for a heat sink for par lamps showing our new design;
FIG. 18 is a bottom perspective view thereof;
FIG. 19 is a top plan view thereof;
FIG. 20 is a bottom plan view thereof;
FIG. 21 is a front elevation view thereof;
FIG. 22 is a rear elevation view thereof;
FIG. 23 is a left elevation view thereof; and,
FIG. 24 is a right elevation view thereof.

The dash lines show visible environmental structure and are for illustrative purposes only. The dash lines form no part of the claimed design.

1 Claim, 12 Drawing Sheets



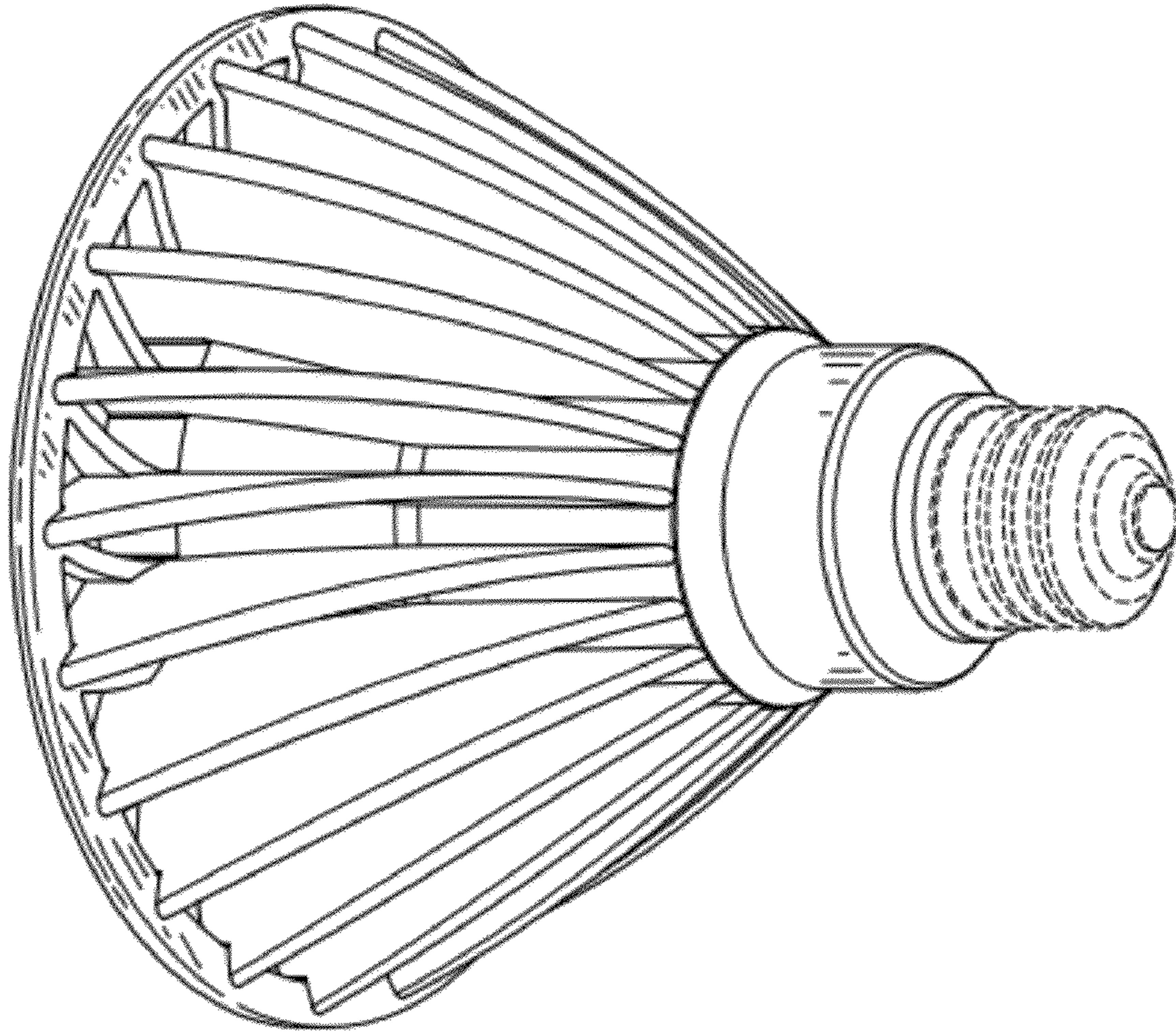


FIG-2

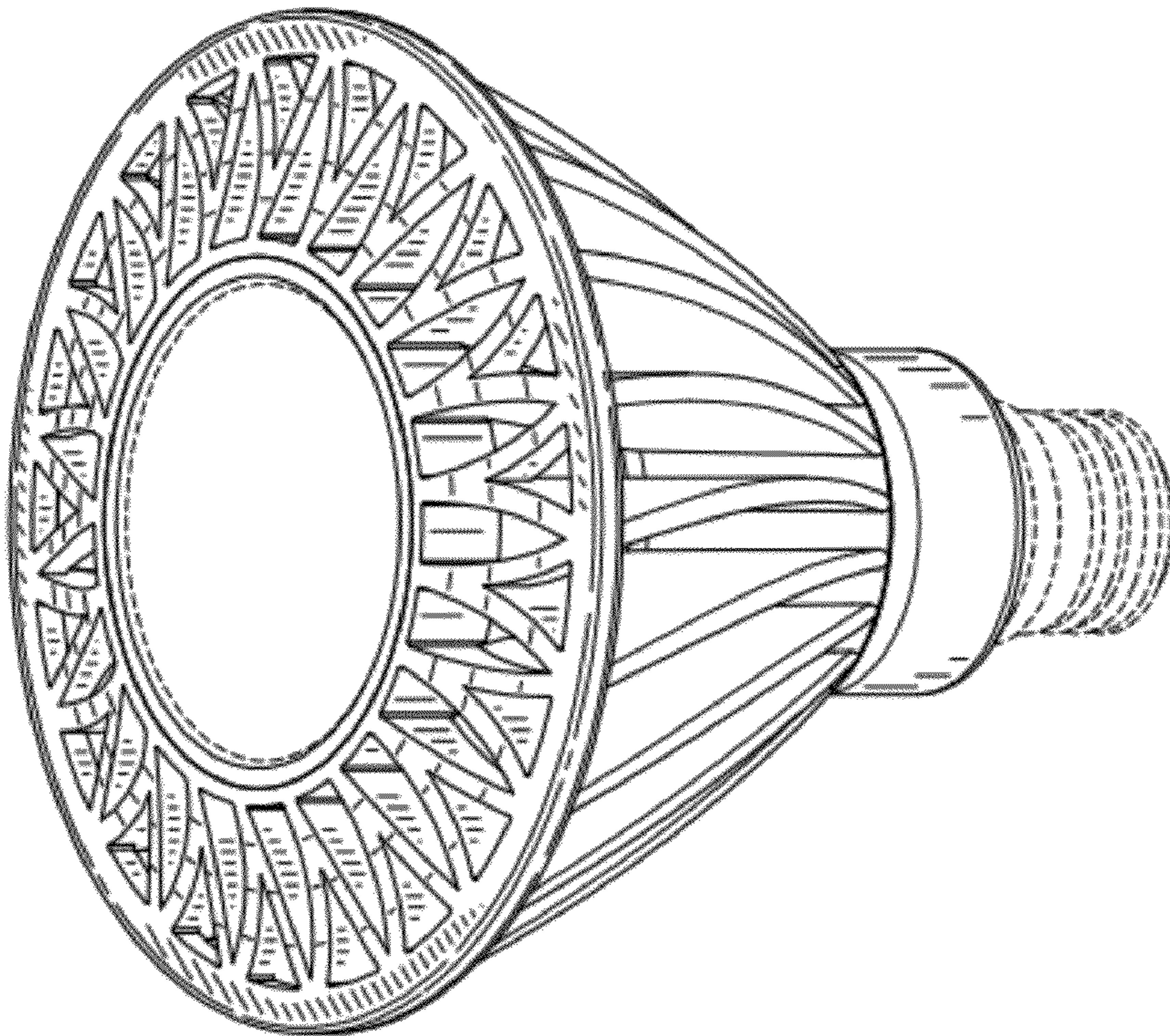


FIG-1

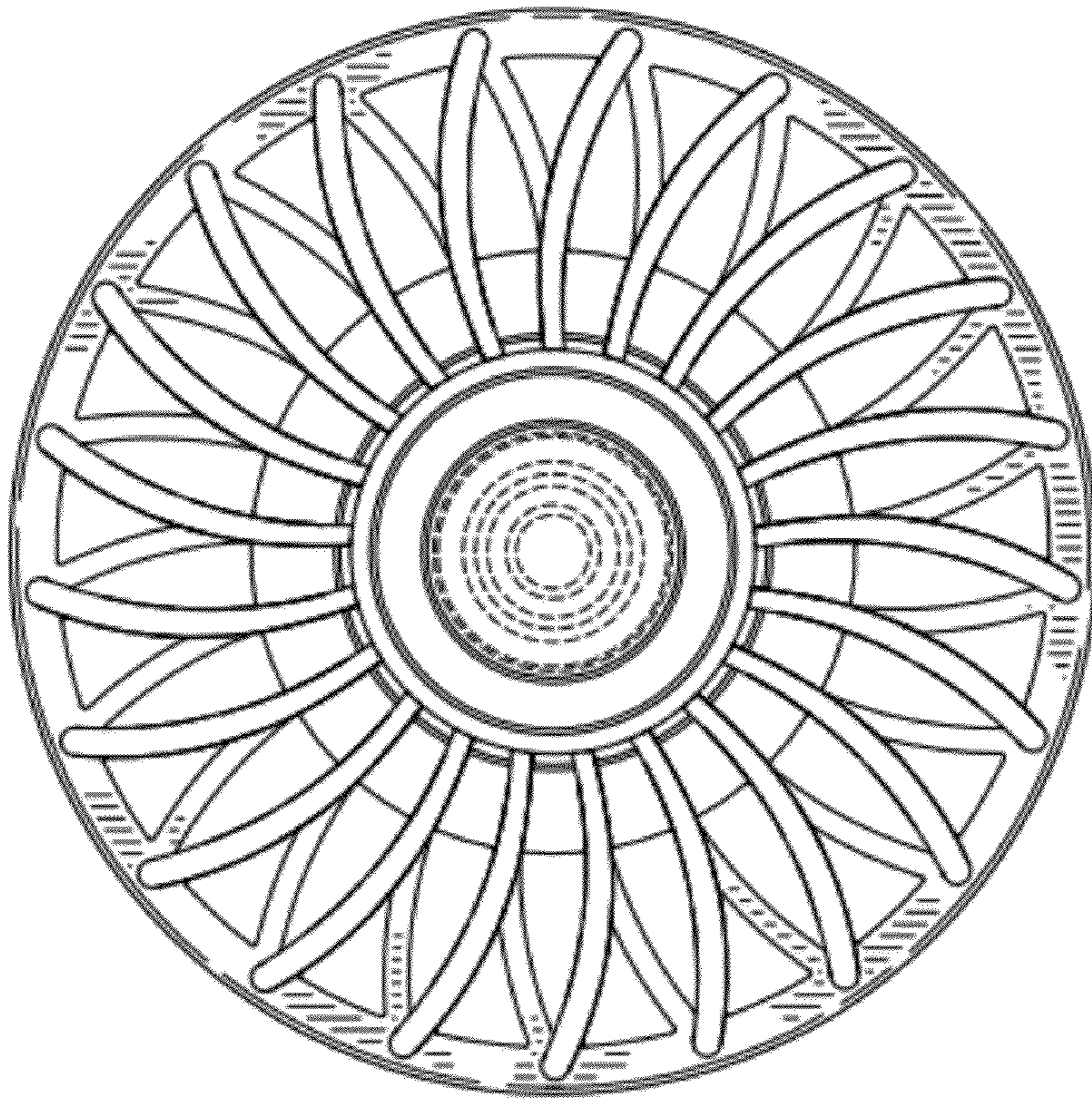


FIG-4

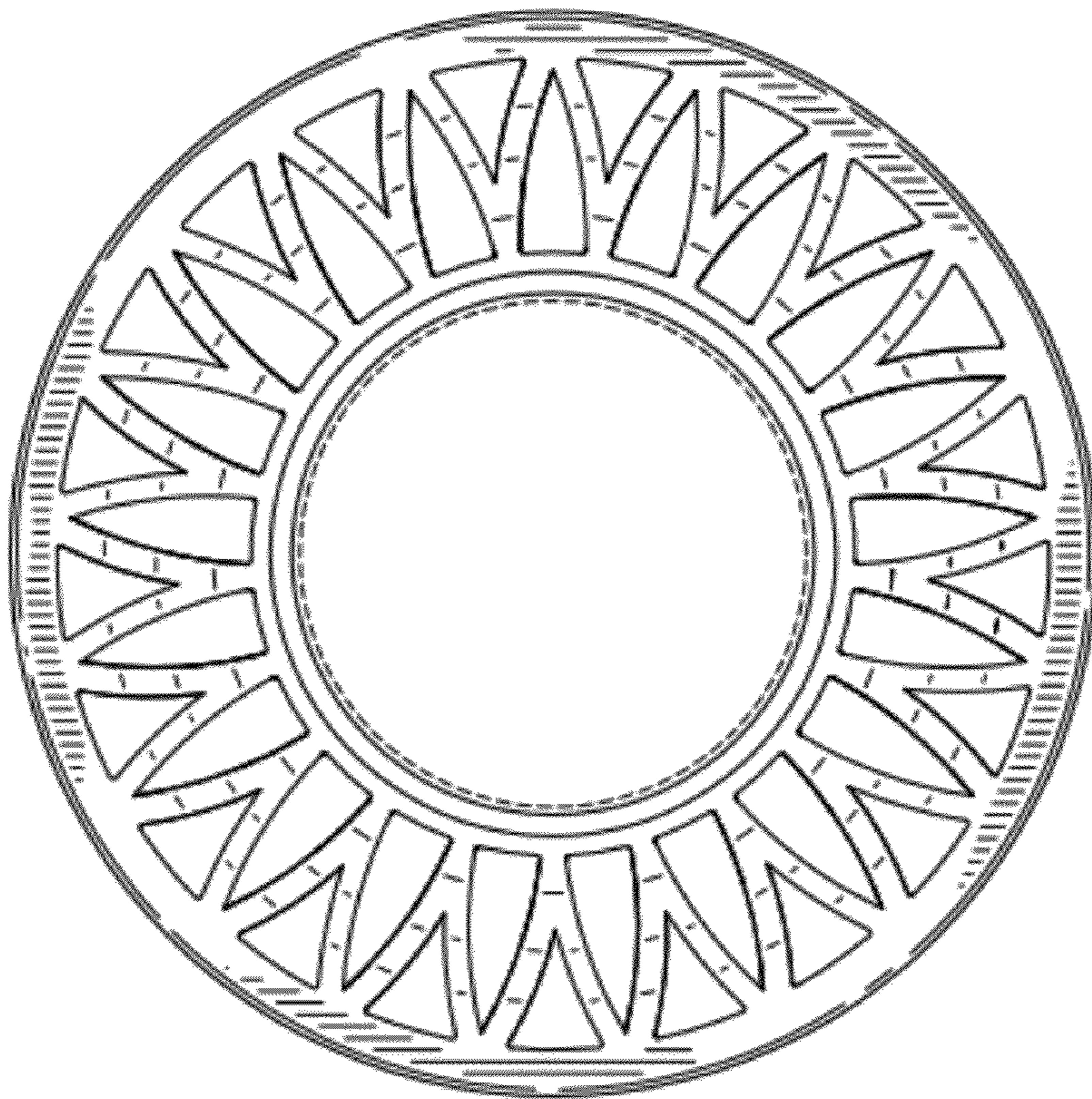


FIG-3

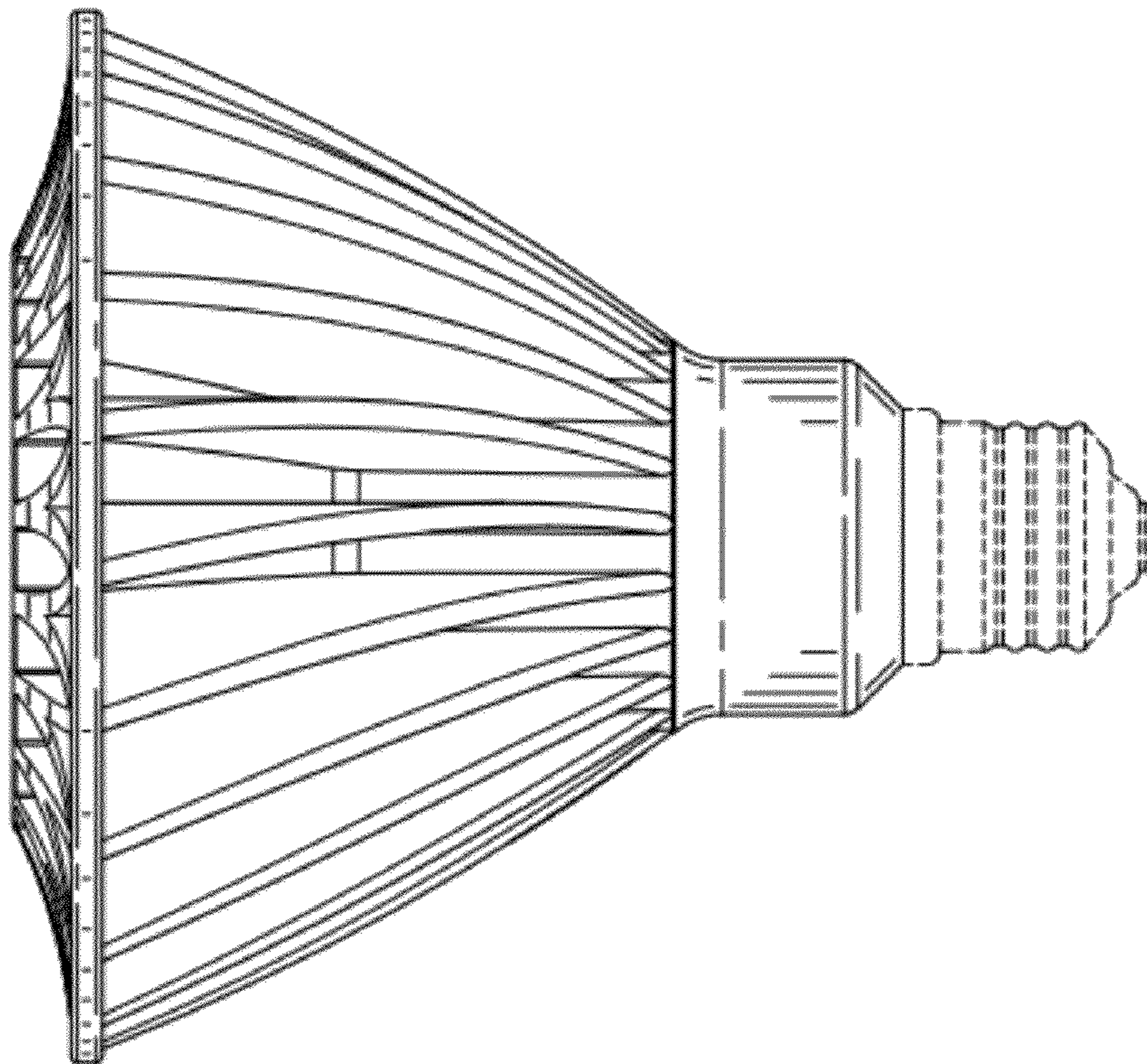


FIG-6

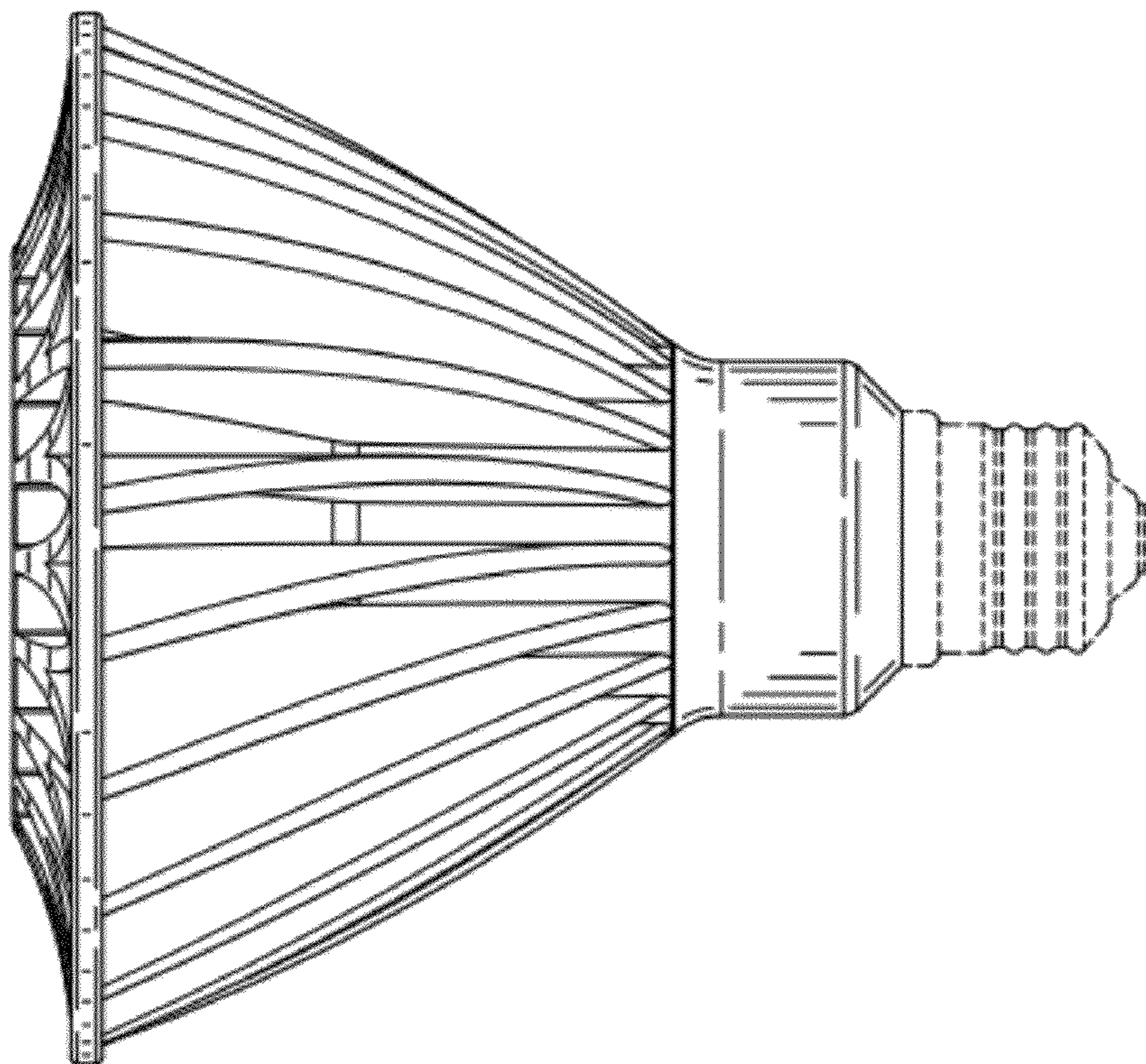


FIG-5

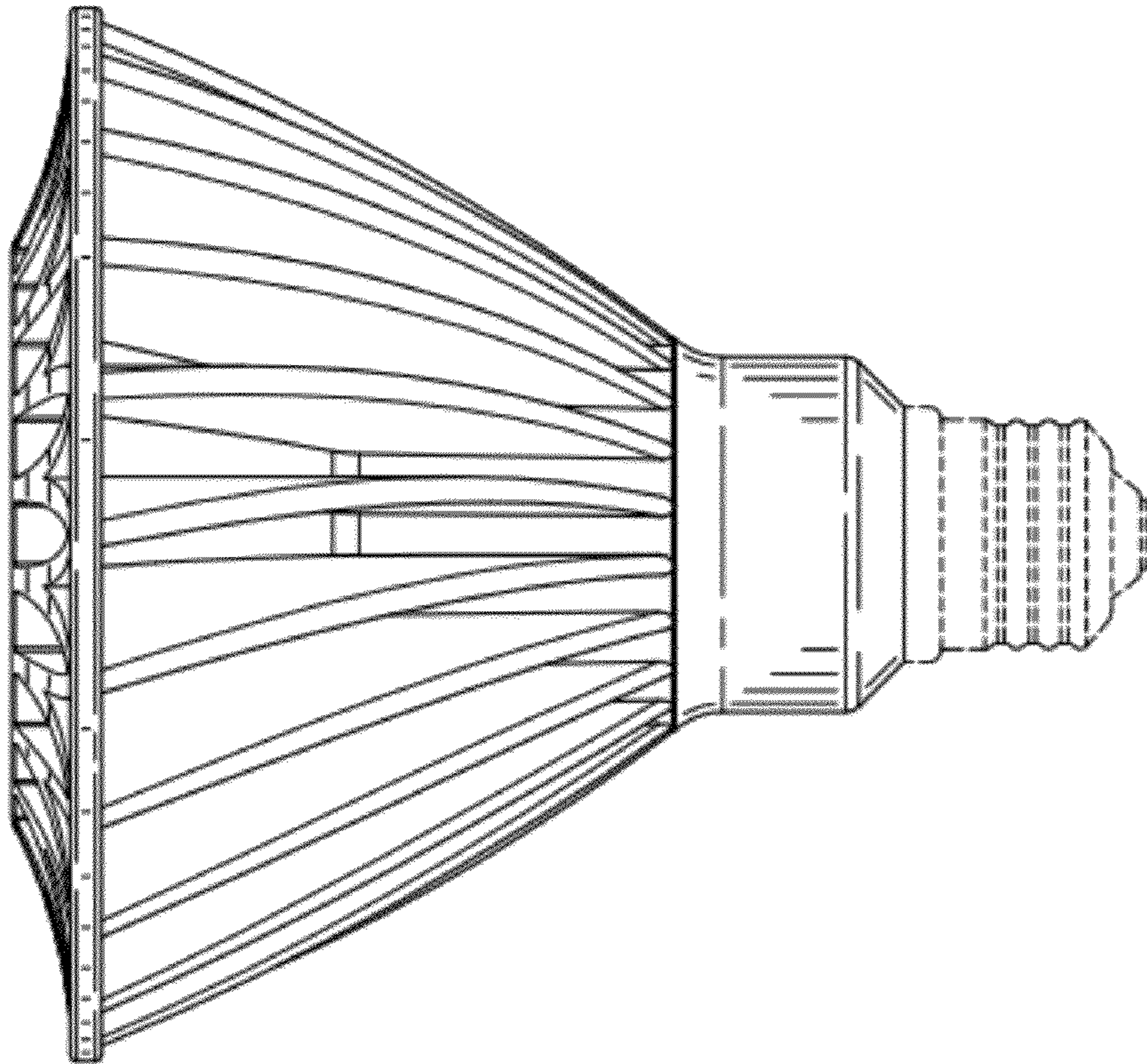


FIG-8

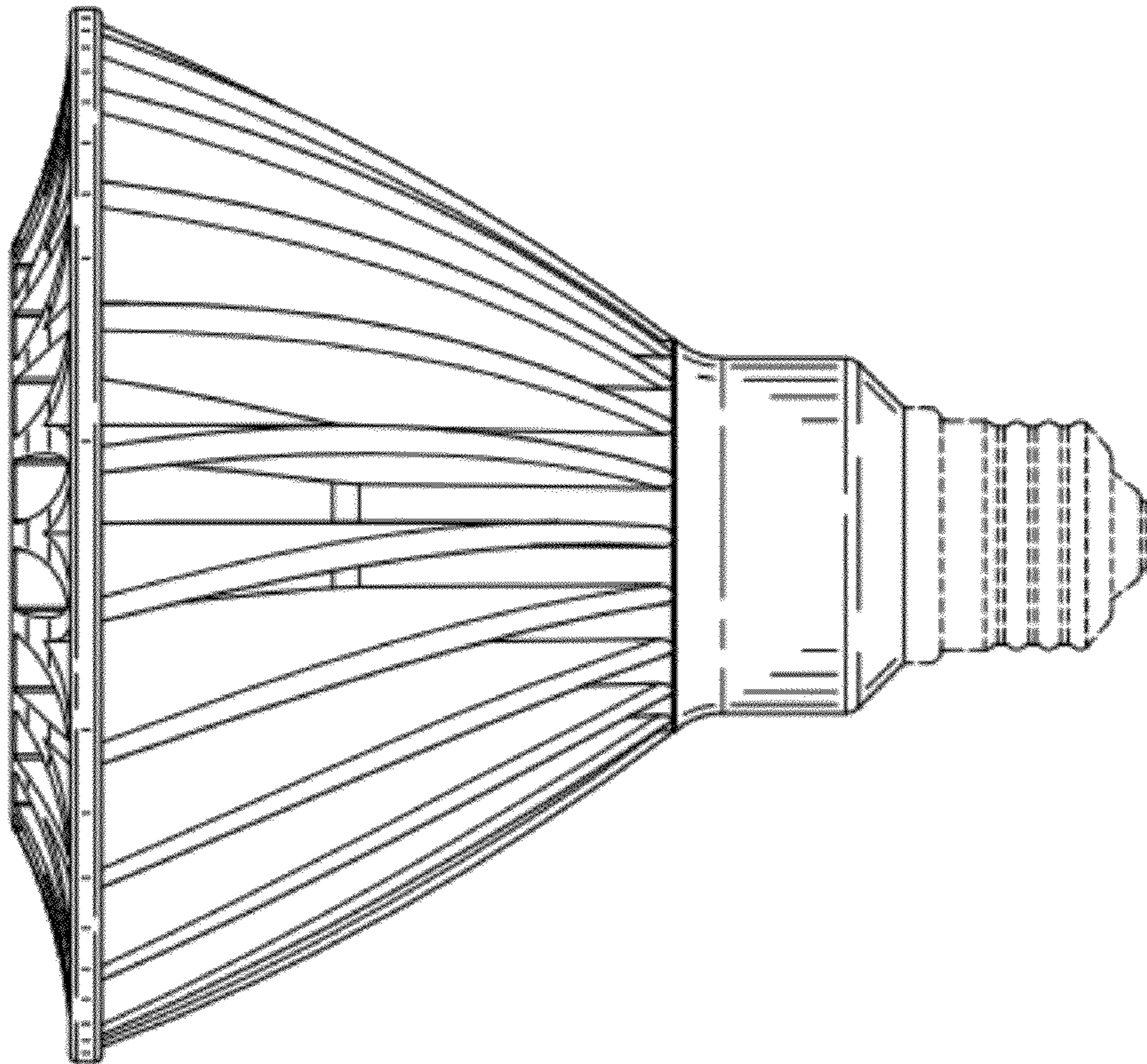


FIG-7

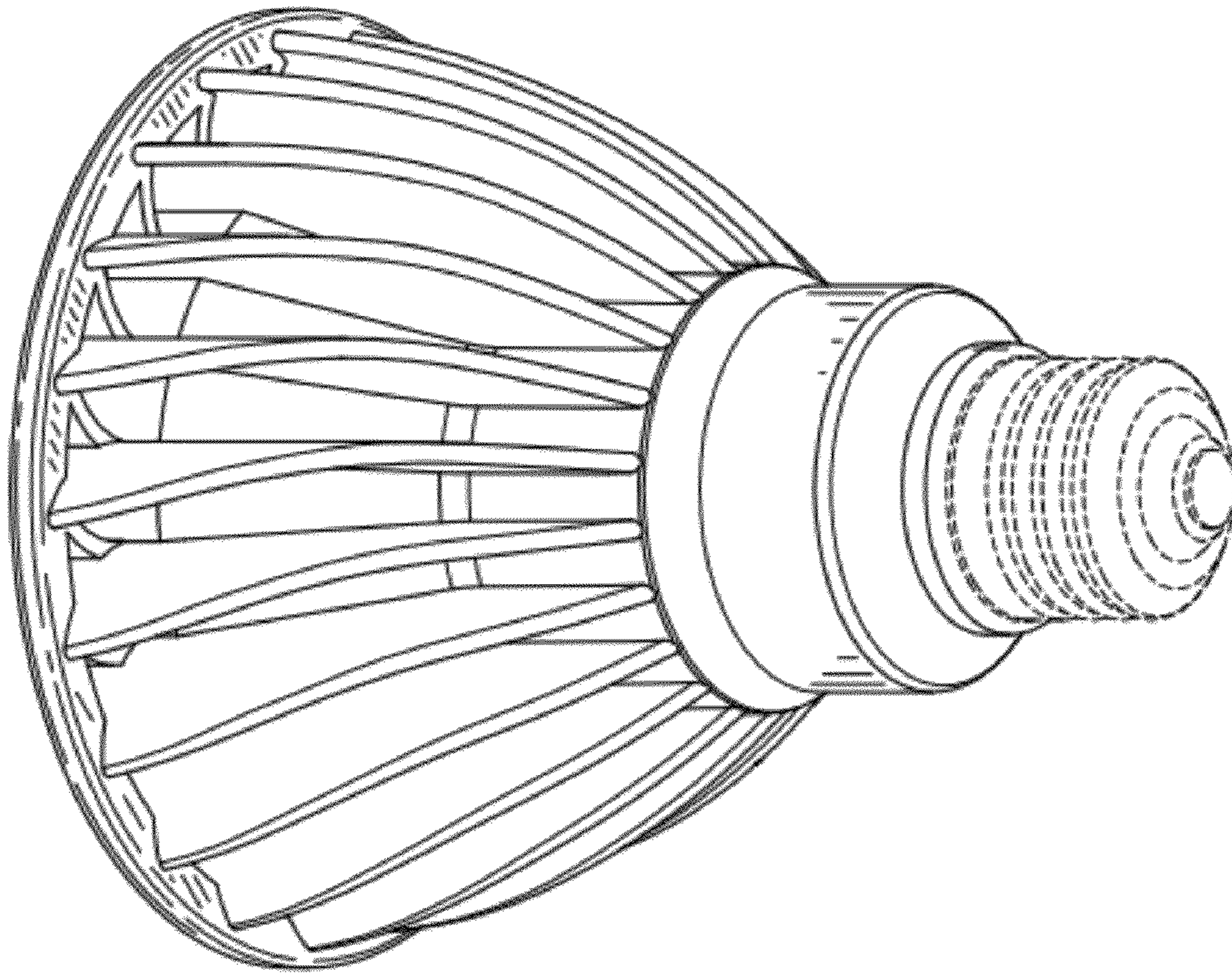


FIG-10

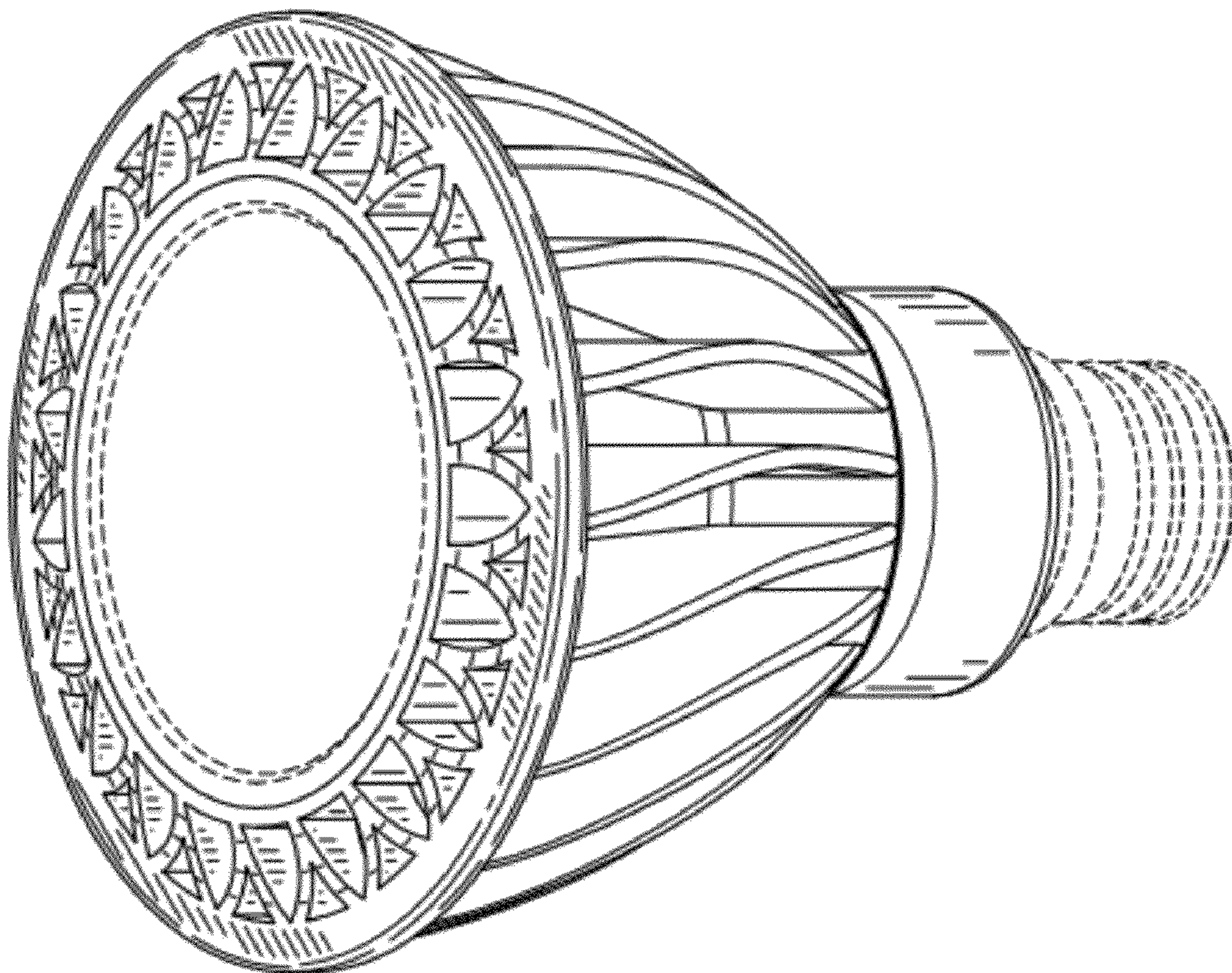


FIG-9

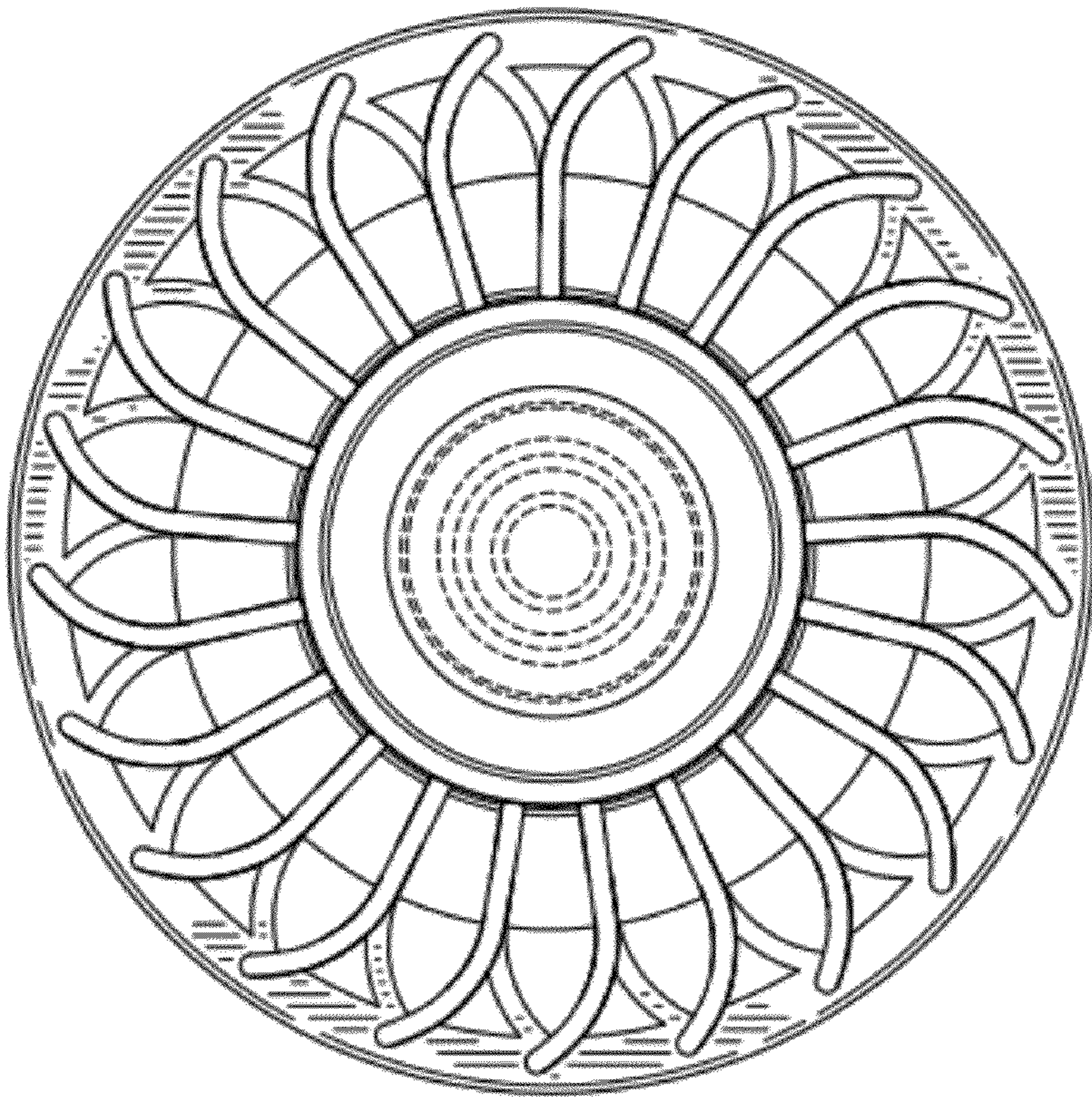


FIG-12

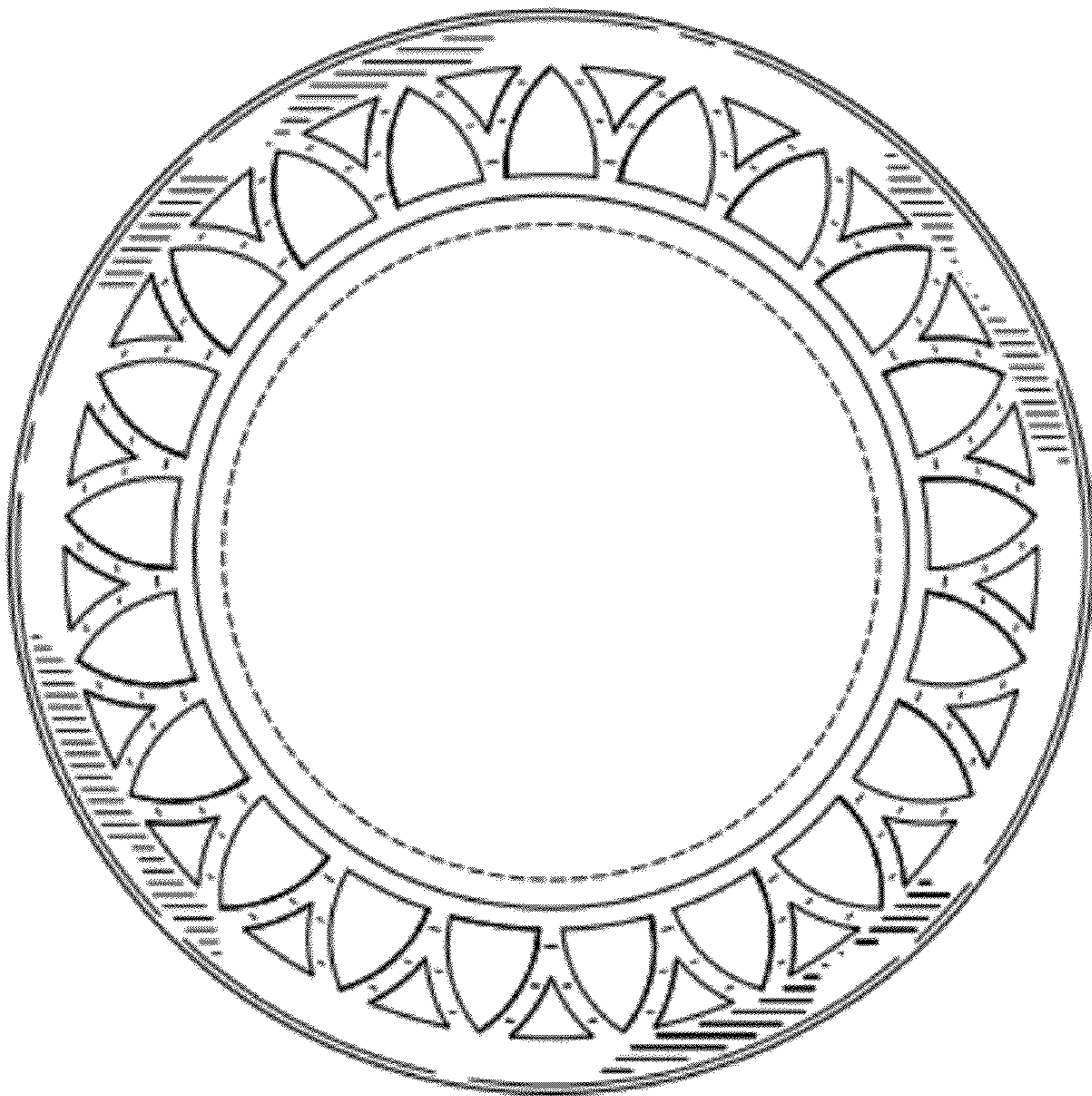


FIG-11

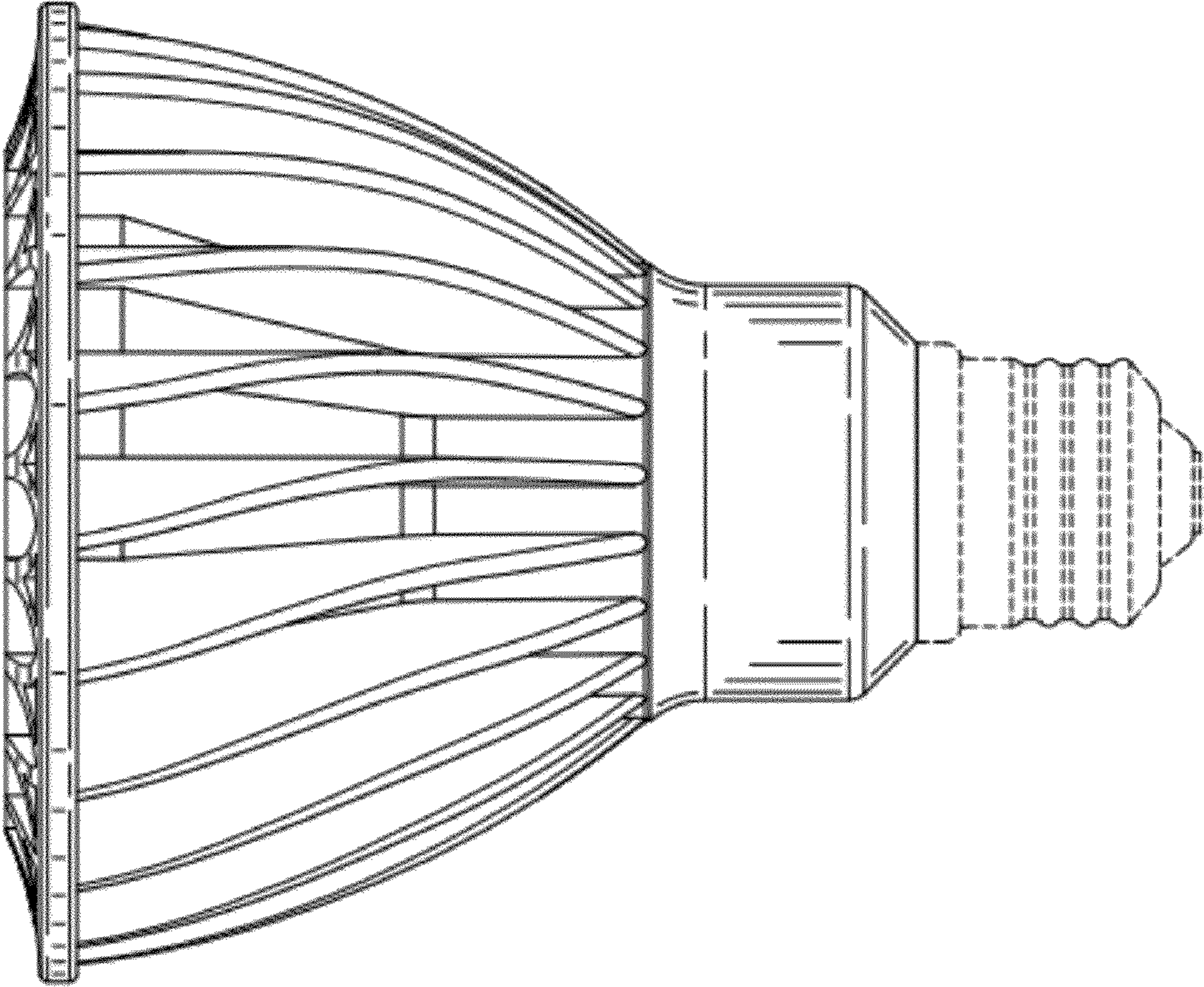


FIG-14

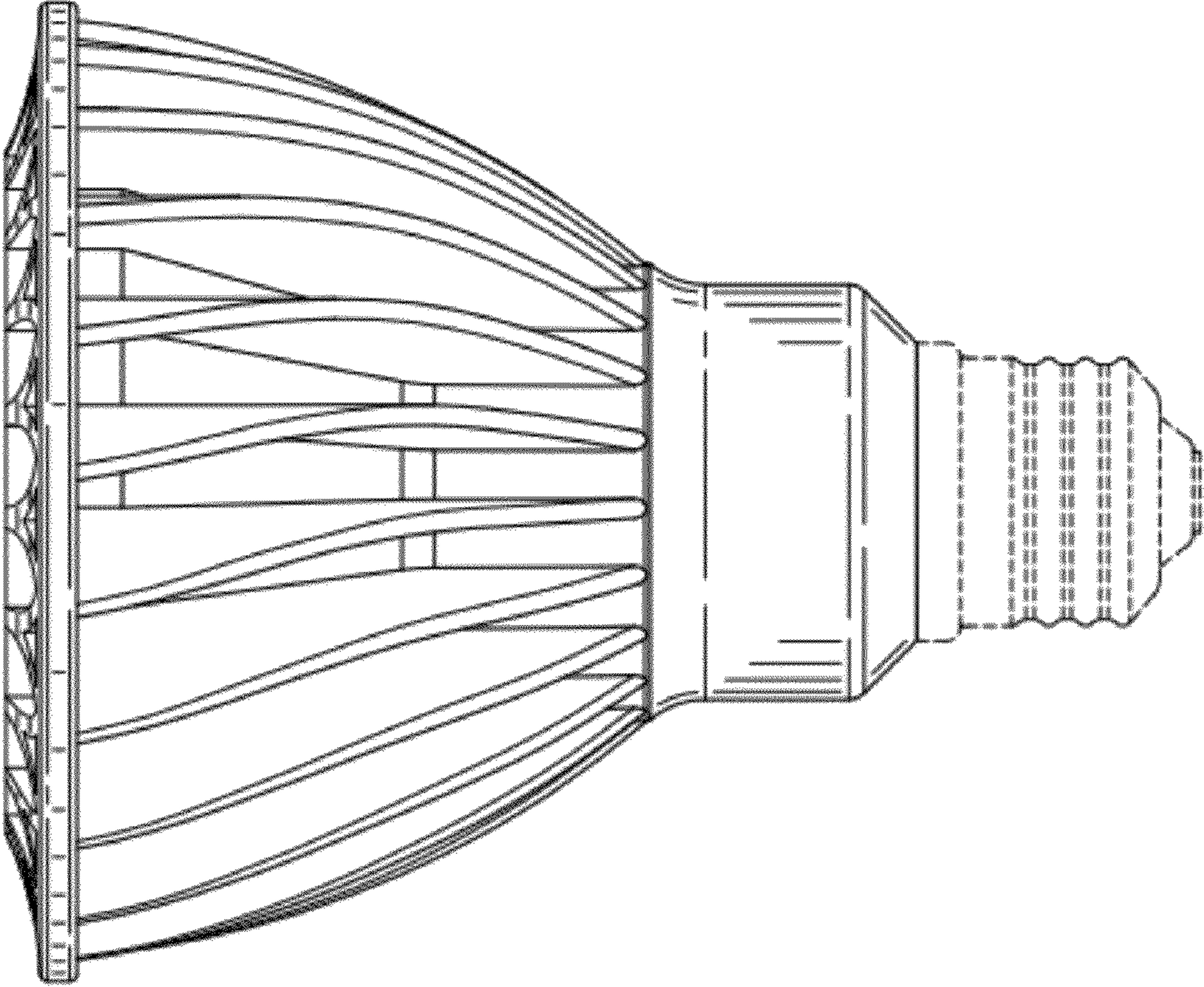


FIG-13

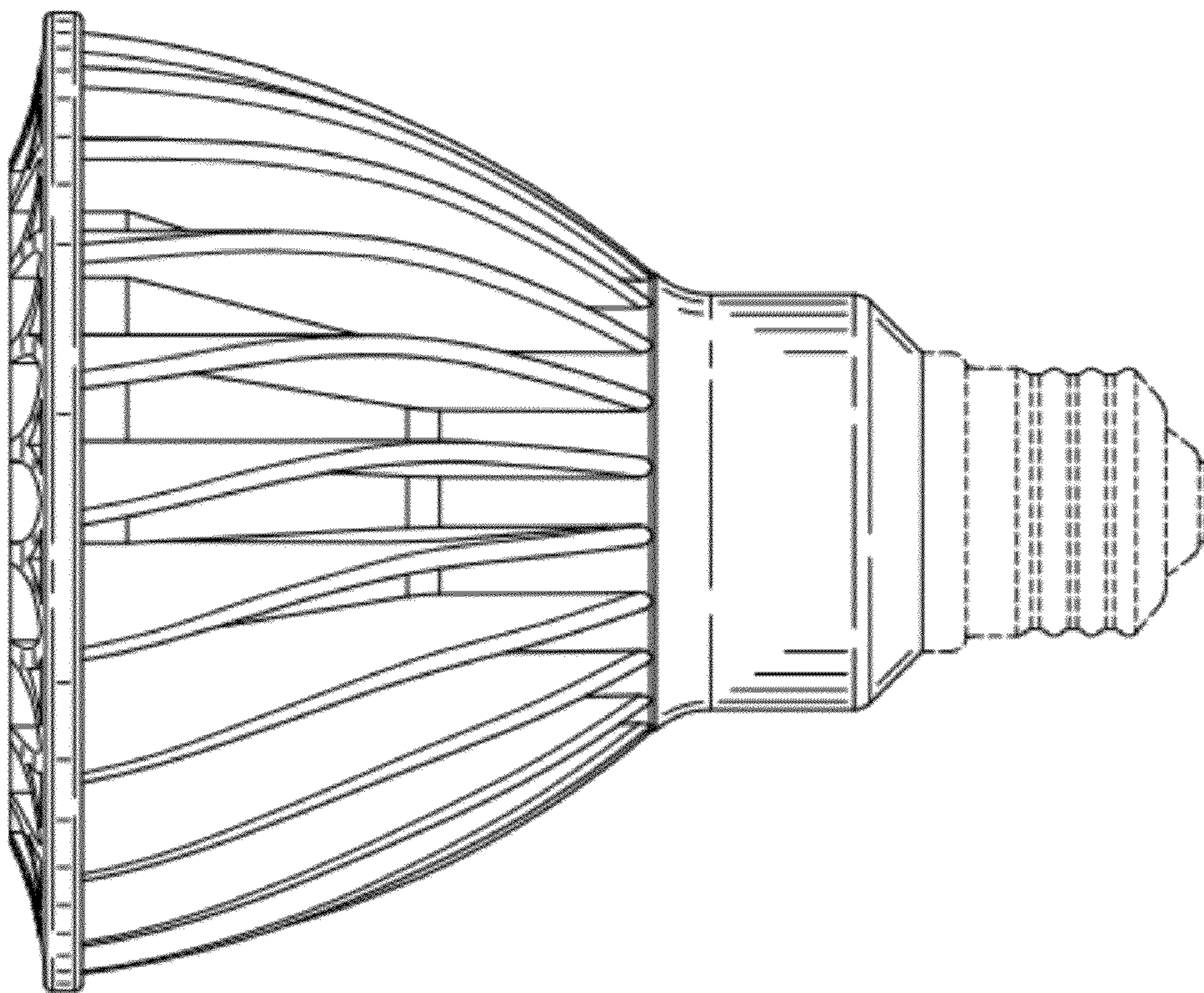


FIG-16

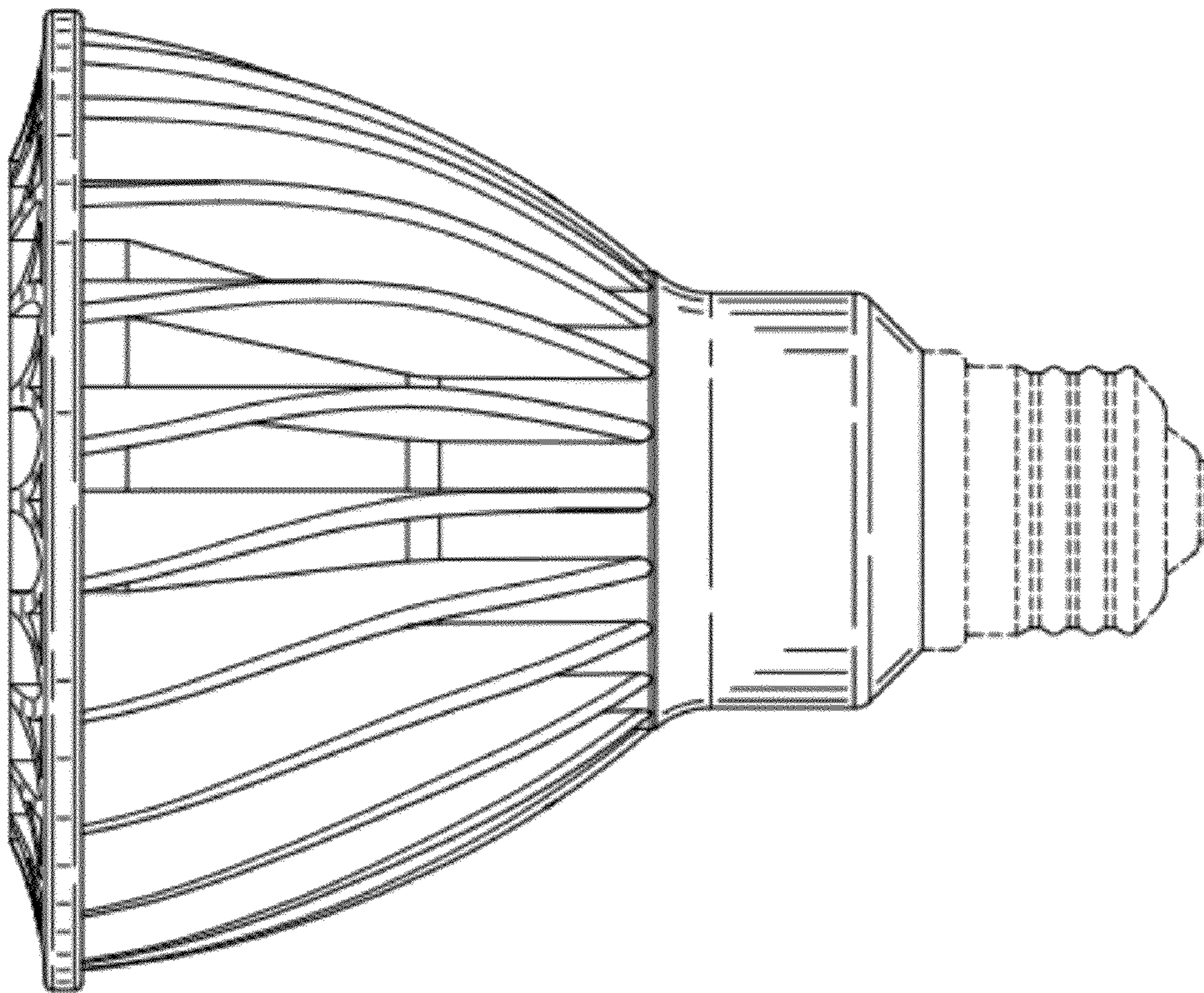


FIG-15

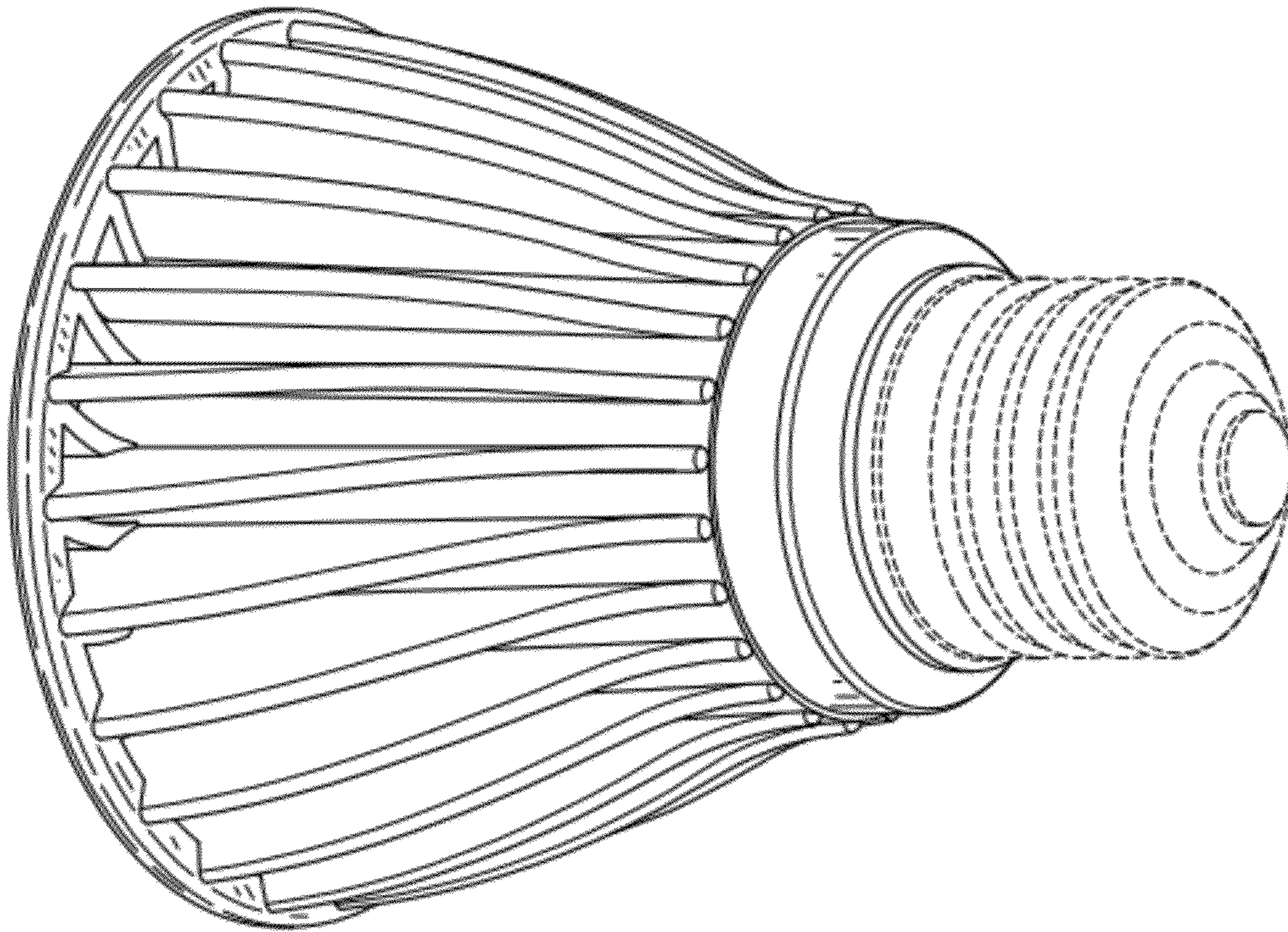


FIG-18

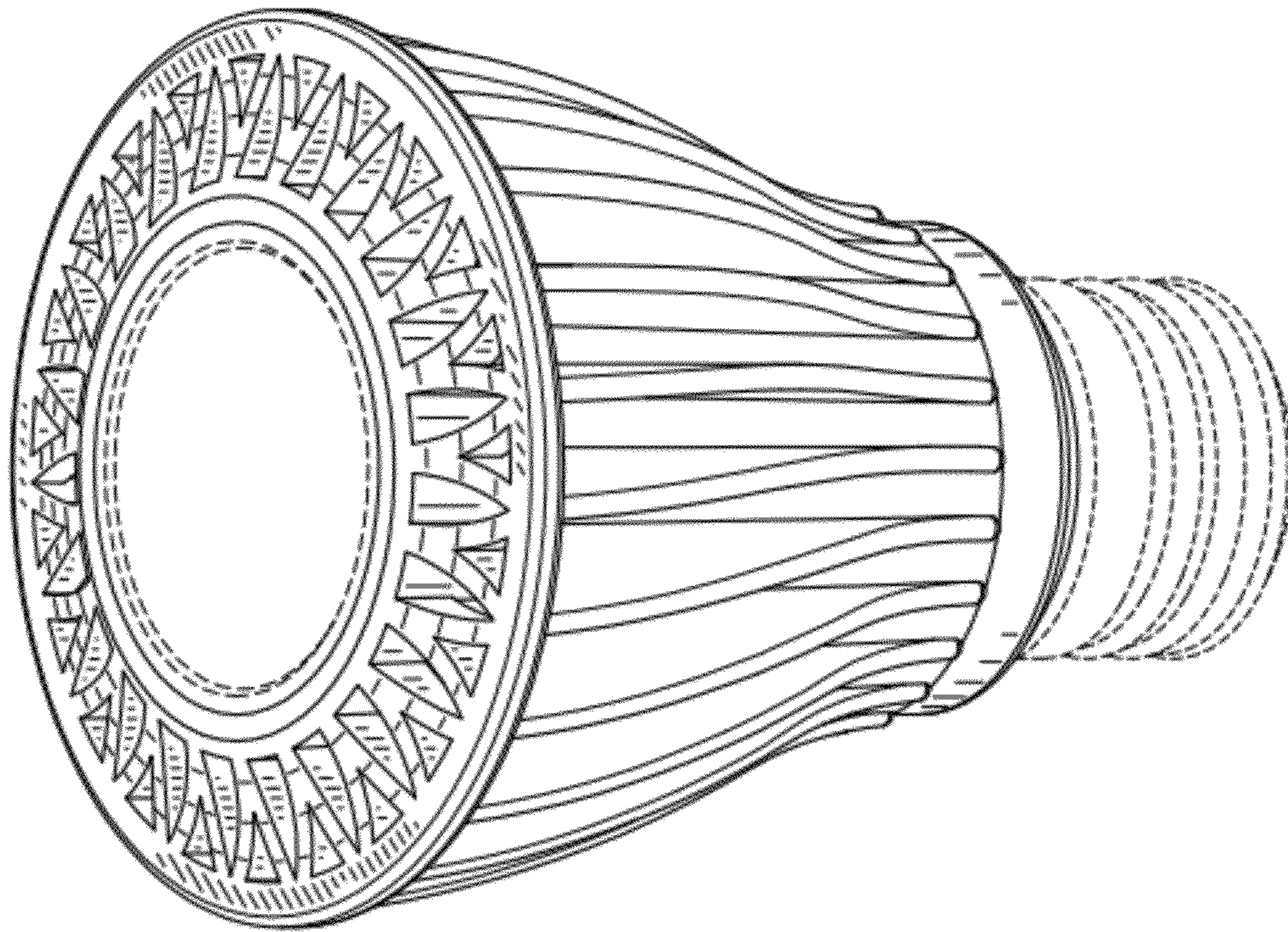


FIG-17

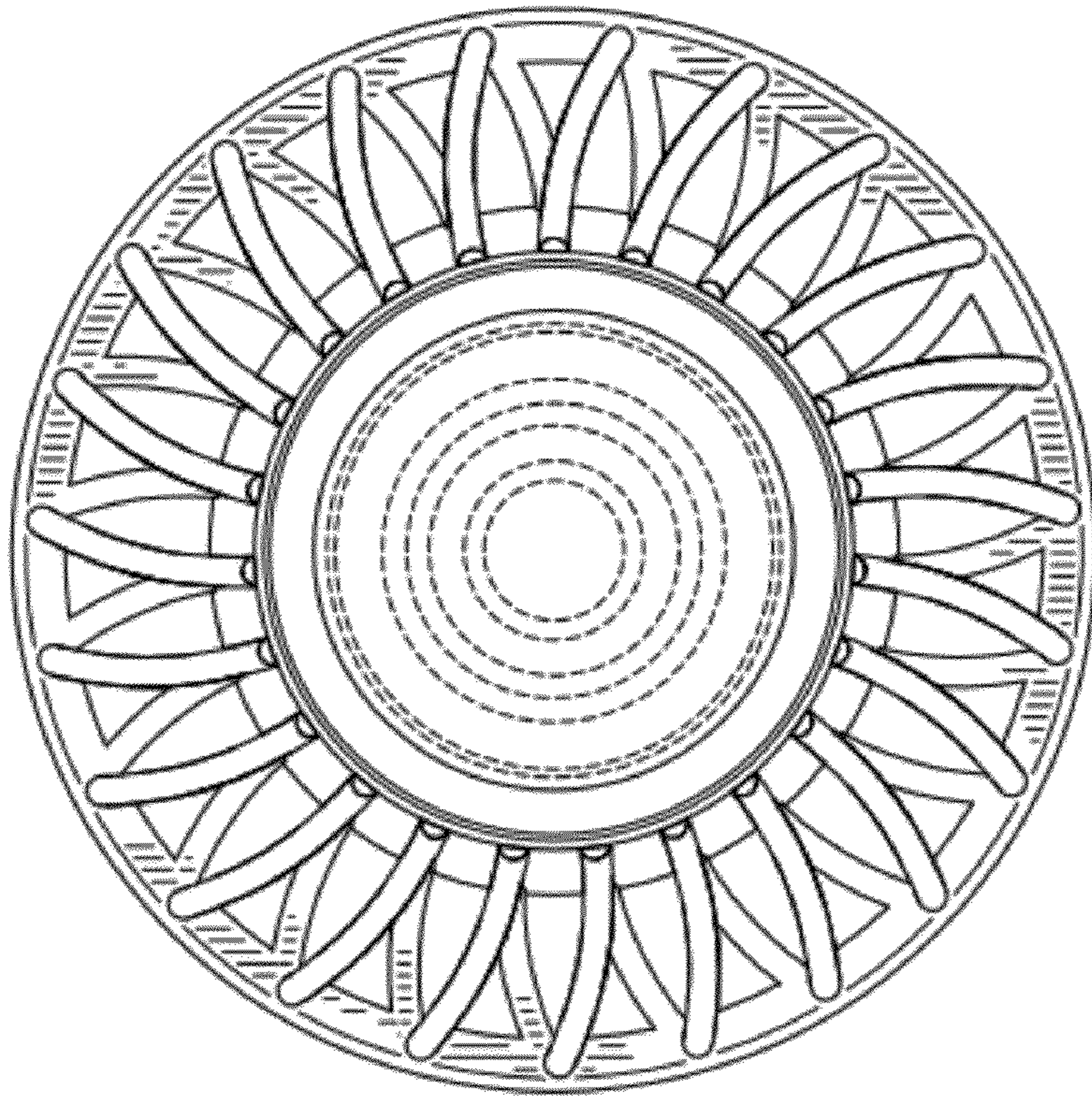


FIG-20

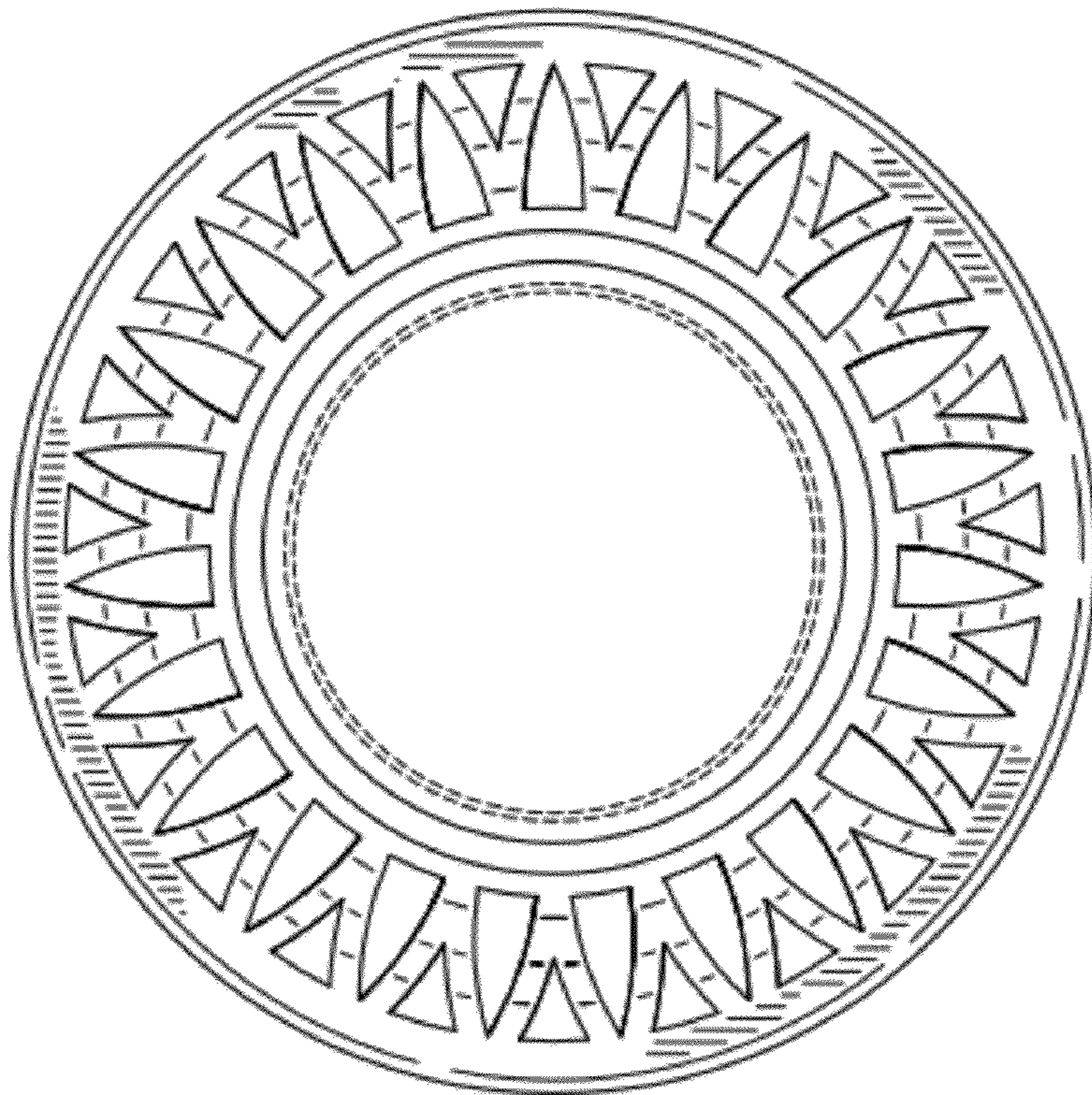


FIG-19

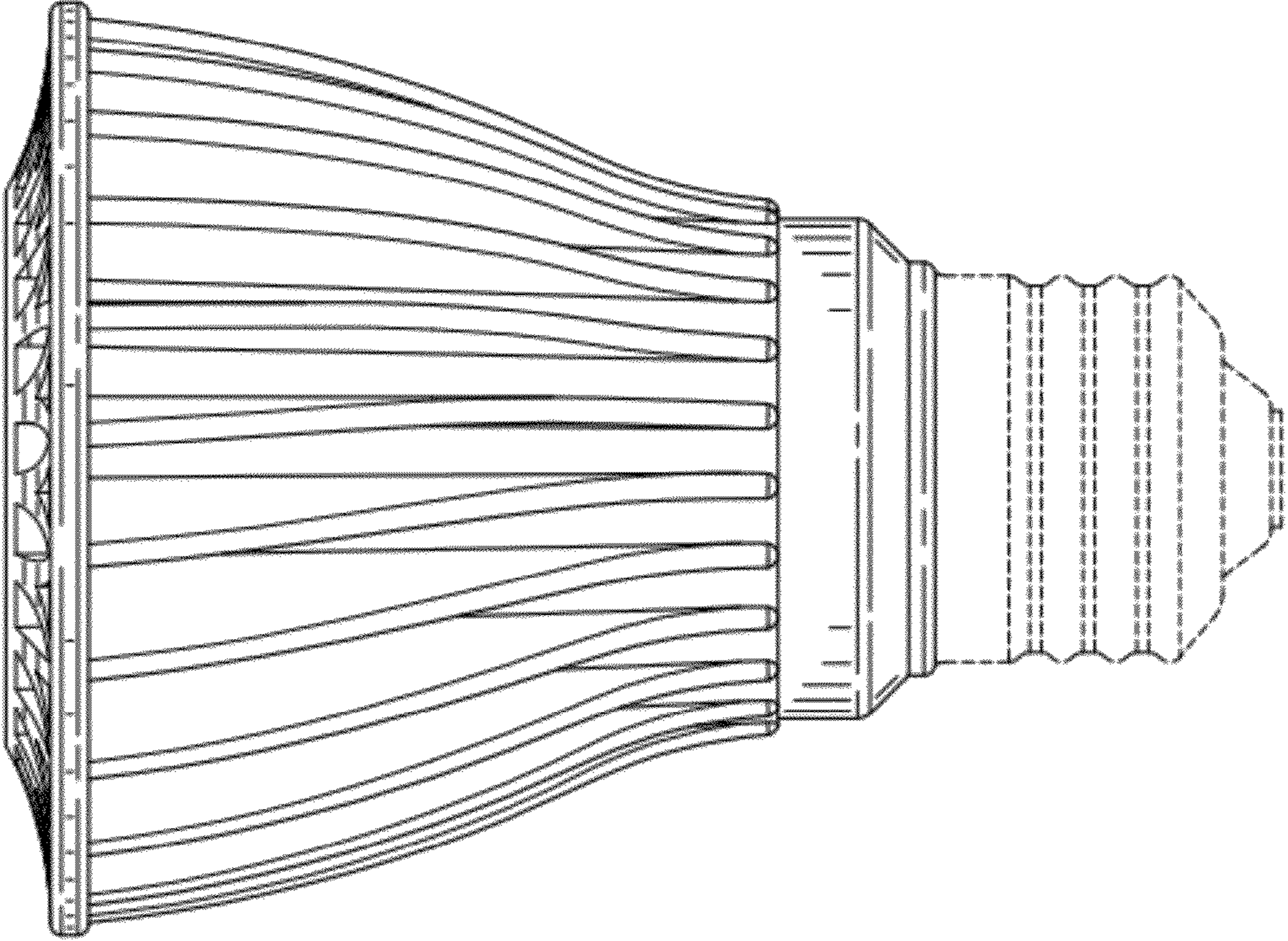


FIG-22

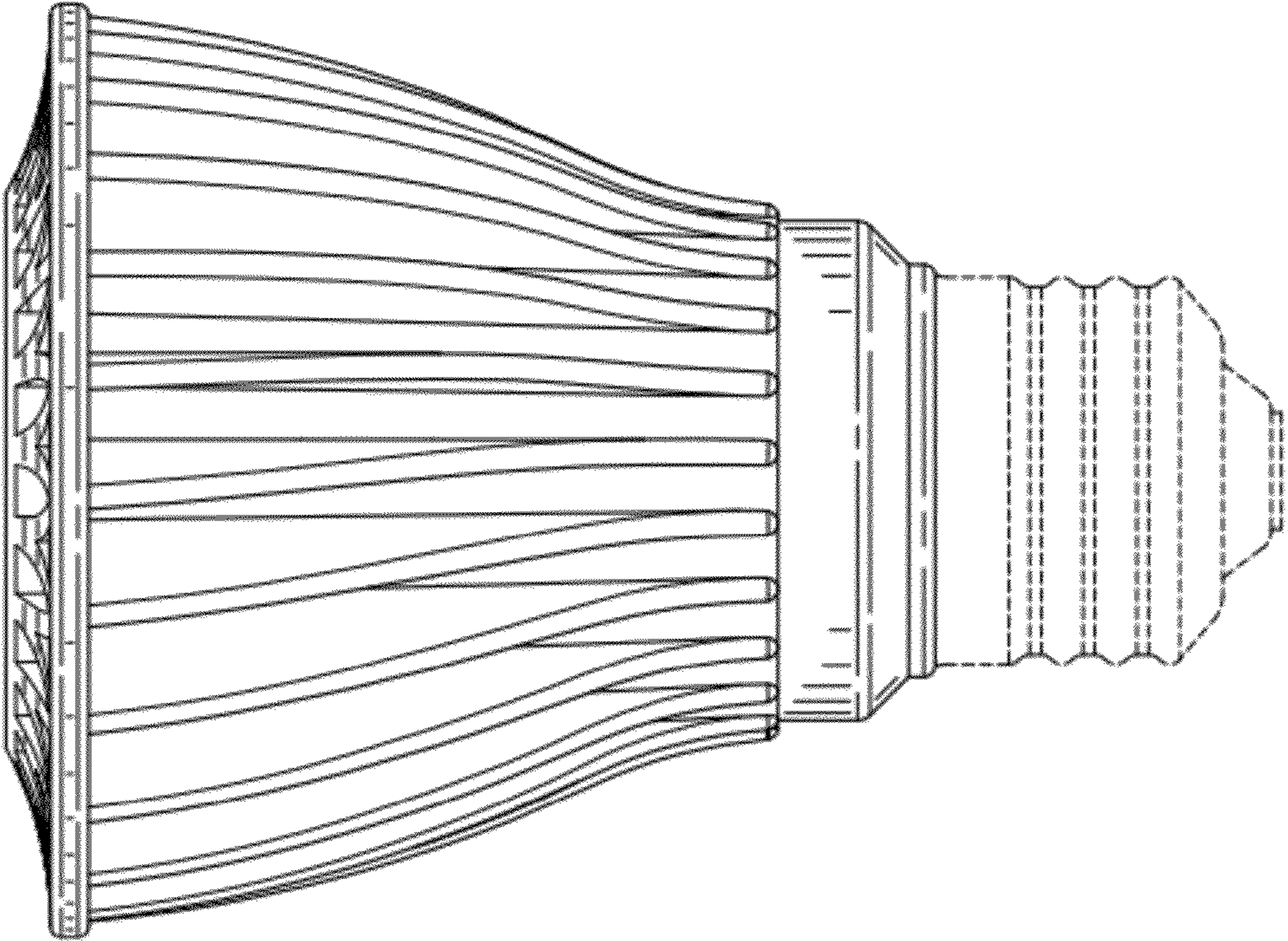


FIG-21

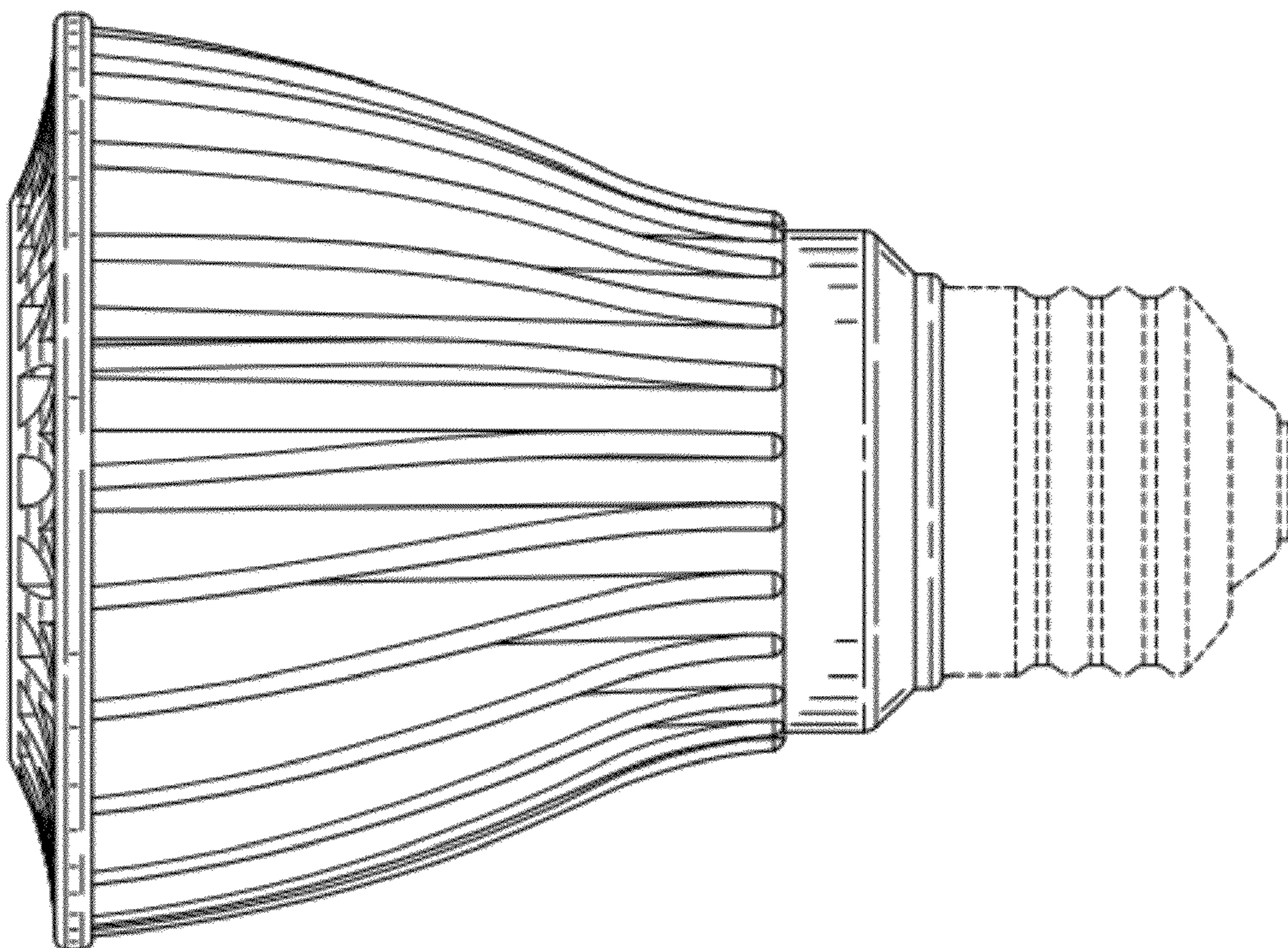


FIG-24

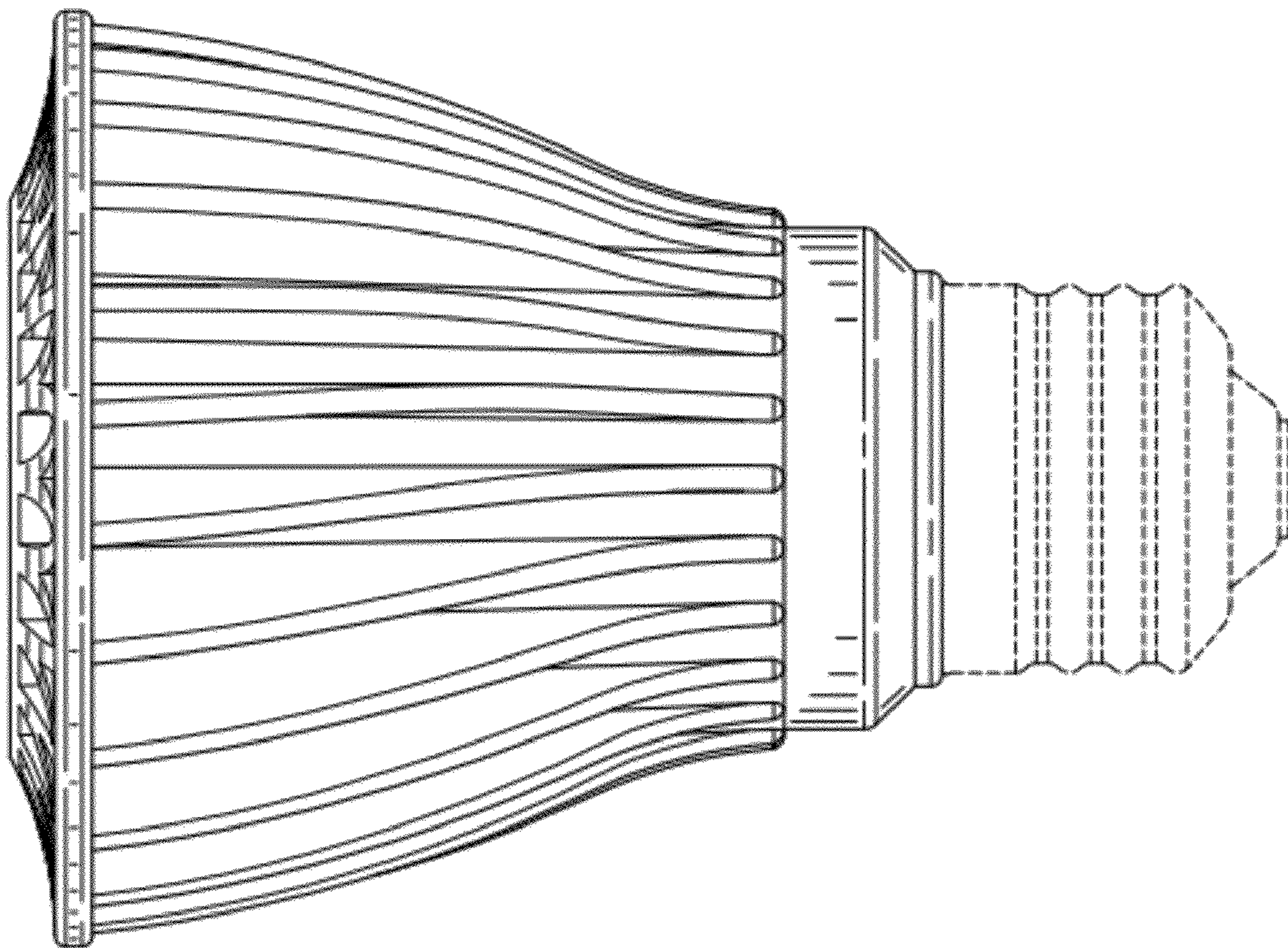


FIG-23