

US00D639496S

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

(10) **Patent No.:** **US D639,496 S**
(45) **Date of Patent:** **** Jun. 7, 2011**

(54) **LENS FOR LIGHT EMITTING DIODE**

(75) Inventors: **Asuka Wada**, Kanagawa (JP); **Junichiro Yamamoto**, Kanagawa (JP)

(73) Assignees: **Toshiba Lighting & Technology Corporation**, Kanagawa (JP);
Kabushiki Kaisha Toshiba, Tokyo (JP)

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

(21) Appl. No.: **29/377,604**

(22) Filed: **Oct. 22, 2010**

(30) **Foreign Application Priority Data**

Apr. 27, 2010 (JP) 2010-010511

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

(52) **U.S. Cl.** **D26/120**

(58) **Field of Classification Search** D26/154,
D26/1, 2, 120, 124, 63, 118, 85, 140, 155,
D26/122, 88, 90, 76, 75, 93, 113, 119, 128,
D26/145; 362/405, 147, 297, 285, 346, 349,
362/18, 122; D23/366; 345/163, 156, 158;
D14/402, 405, 408, 409; D8/354, 356, 373,
D8/349, 380; D13/179, 180; D11/89, 90,
D11/121

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D98,308	S	*	1/1936	Floraday	.....	D26/36
2,878,425	A	*	3/1959	Kudoh	.....	315/284
D270,483	S	*	9/1983	Gardner et al.	.....	D26/63
D286,446	S	*	10/1986	Caroli et al.	.....	D26/123
D331,638	S	*	12/1992	Vamberszky et al.	.....	D26/118
D343,019	S	*	1/1994	Garrity	.....	D26/37
D392,407	S	*	3/1998	Johnson et al.	.....	D26/67
D457,677	S	*	5/2002	Landefeld et al.	.....	D26/67
D464,164	S	*	10/2002	Thompson	.....	D26/89

D468,051	S	*	12/2002	Gaskins et al.	.....	D26/123
6,509,840	B2	*	1/2003	Martineau	.....	340/815.45
D482,484	S	*	11/2003	Benghozi	.....	D26/85
D484,270	S	*	12/2003	Yiu	.....	D26/89
6,979,107	B1	*	12/2005	Benensohn	.....	362/374
D520,143	S	*	5/2006	Yoneda	.....	D24/209
D550,391	S	*	9/2007	Cesaro	.....	D26/89
D561,924	S	*	2/2008	Yiu	.....	D26/72
D574,104	S	*	7/2008	Sanoner	.....	D26/67
D578,231	S	*	10/2008	Huang	.....	D26/28
7,553,044	B2	*	6/2009	Wedell	.....	362/247
D598,583	S	*	8/2009	Levine	.....	D26/25
D599,921	S	*	9/2009	Rivardo et al.	.....	D26/24
7,588,358	B1	*	9/2009	Condon	.....	362/522
D607,600	S	*	1/2010	Keith	.....	D26/85

(Continued)

FOREIGN PATENT DOCUMENTS

JP D498826 12/1978

Primary Examiner — Cathron Brooks

Assistant Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — J.C. Patents

(57) **CLAIM**

The ornamental design for a lens for light emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a lens for light emitting diode showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a right side view thereof;

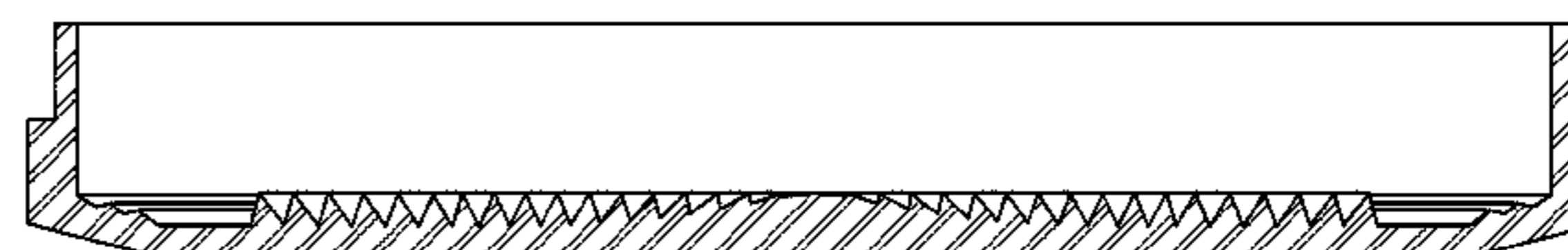
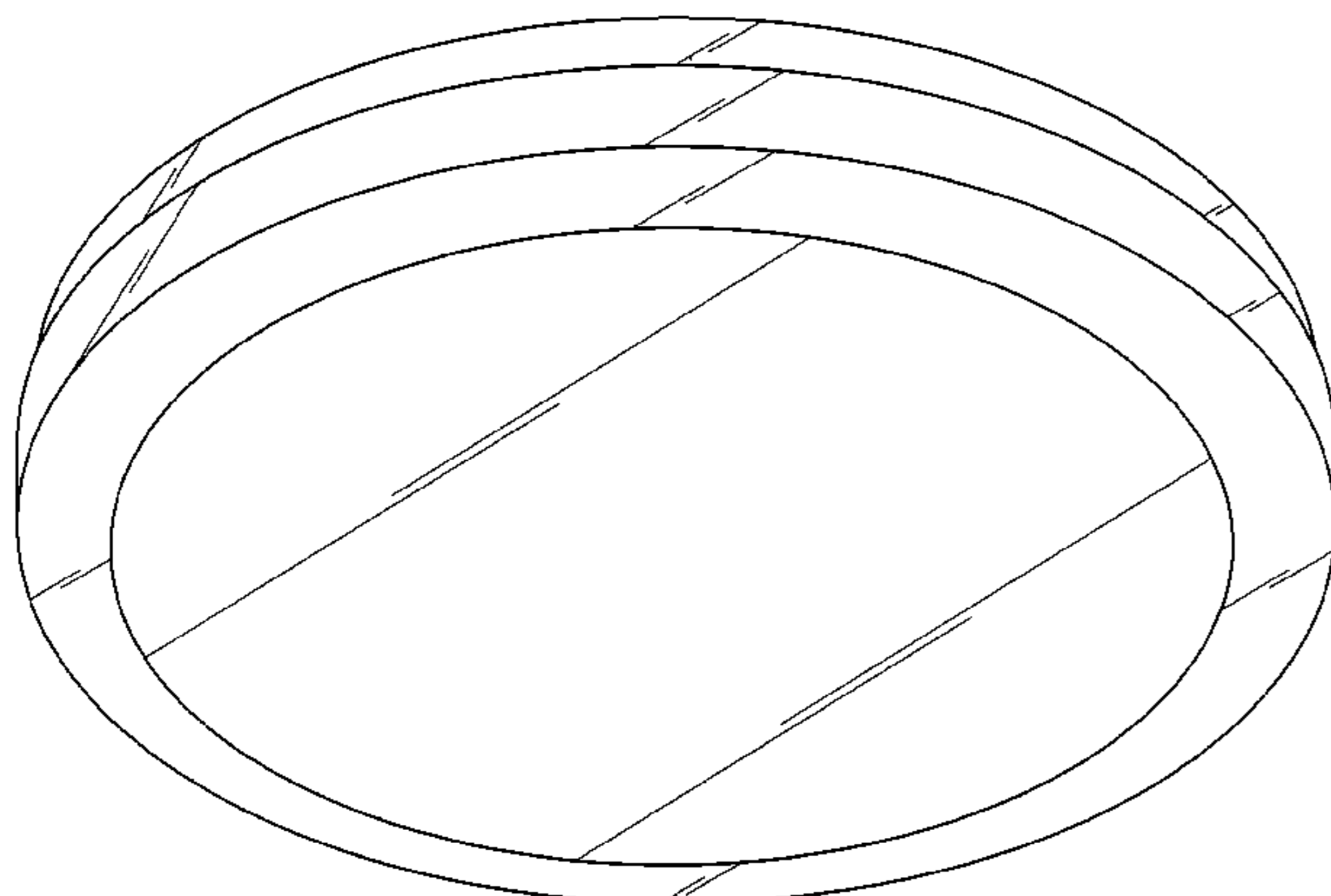
FIG. 4 is a top view thereof;

FIG. 5 is a bottom view thereof; and,

FIG. 6 is a cross-sectional view taken along line 6—6 in FIG. 3.

A left side view and a rear view of the lens for light emitting diode are omitted since the left side view and the rear view are respectively identical to the right side view and the front view.

1 Claim, 5 Drawing Sheets



US D639,496 S

Page 2

U.S. PATENT DOCUMENTS										
D608,938	S	*	1/2010	Schmitt et al.	D26/149	2003/0151925	A1*	8/2003	Crunk	362/545
D614,321	S	*	4/2010	Yang	D26/2	2004/0114363	A1*	6/2004	Crunk	362/222
D616,129	S	*	5/2010	Sanoner	D26/67	2006/0176703	A1*	8/2006	Cayton et al.	362/350
D618,848	S	*	6/2010	Campagna	D26/124	2006/0250789	A1*	11/2006	Coushaine	362/157
D620,191	S	*	7/2010	Feigenbaum	D26/142	2007/0121317	A1*	5/2007	Huang et al.	362/183

* cited by examiner

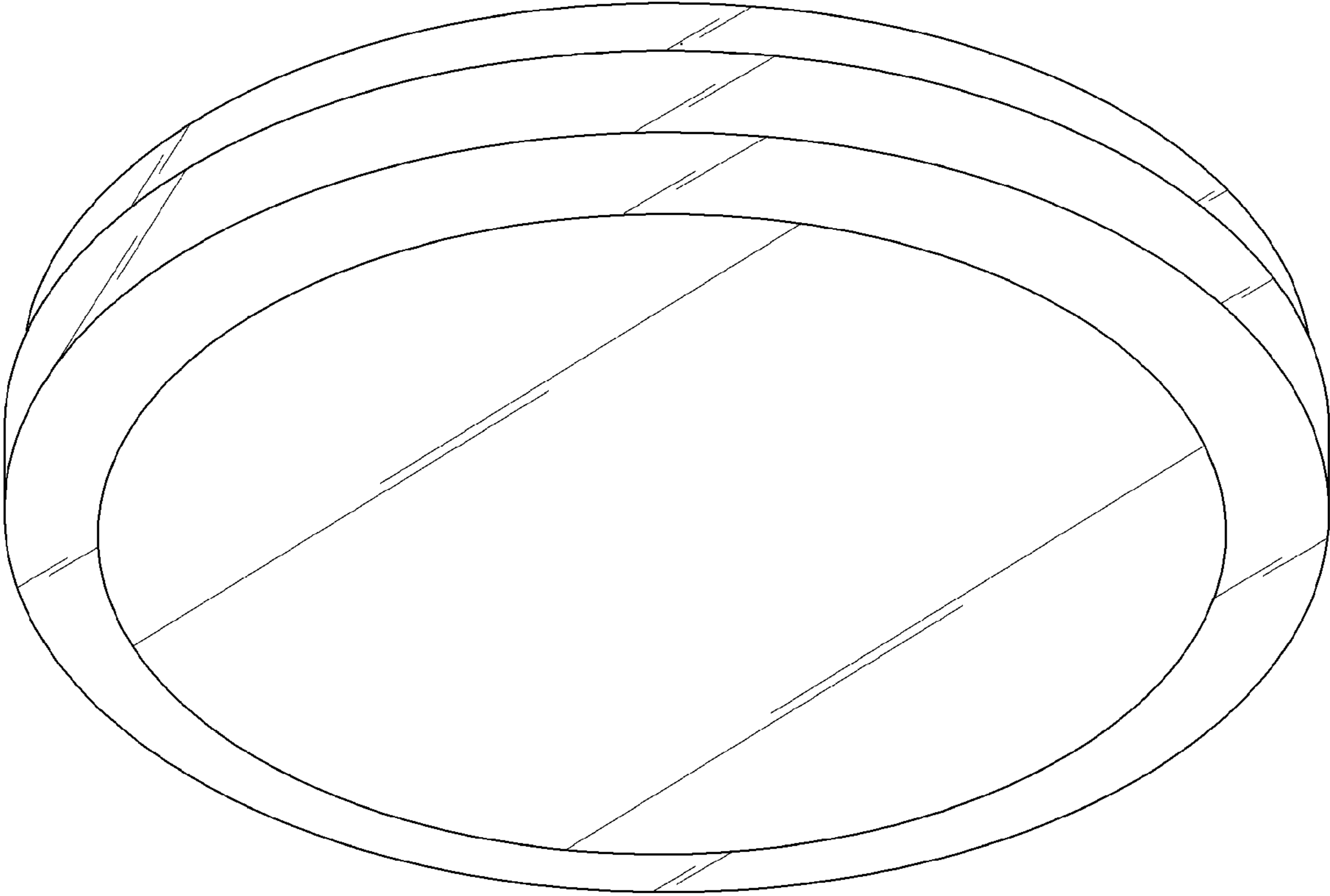


FIG. 1

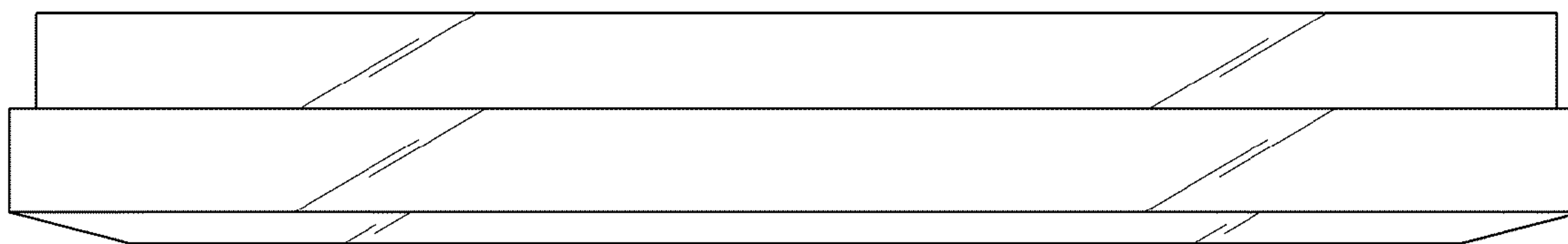


FIG. 2

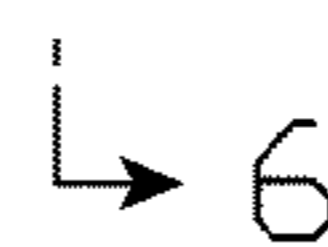
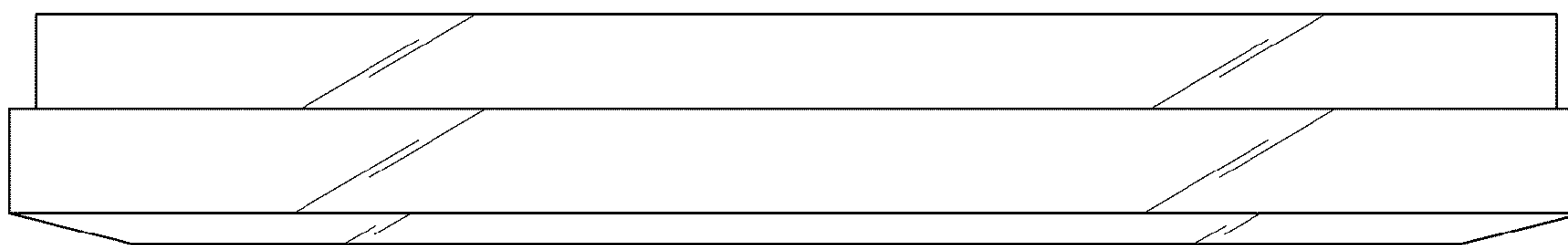
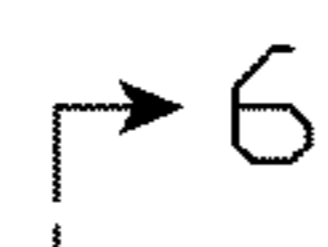


FIG. 3

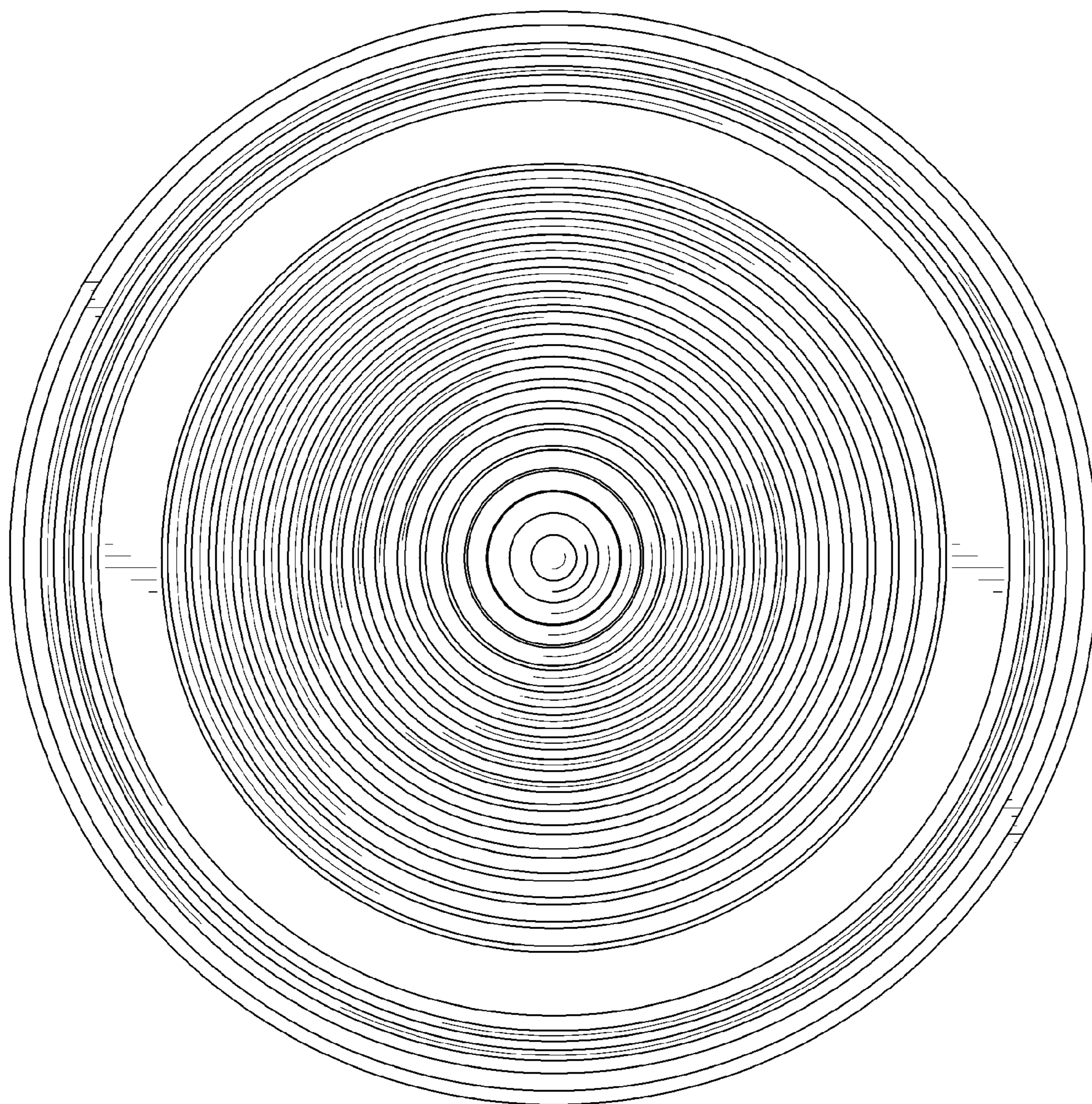


FIG. 4

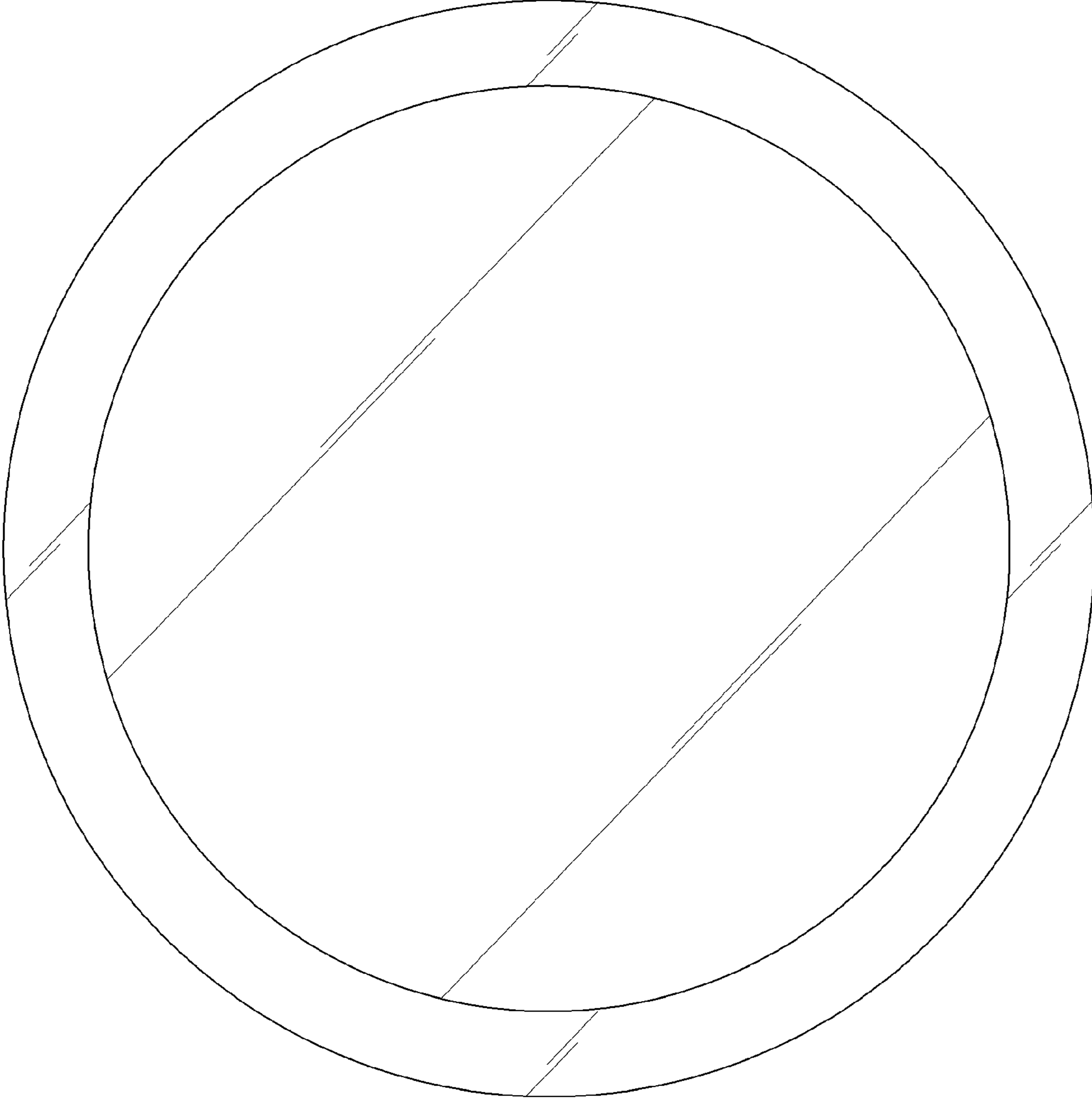


FIG. 5

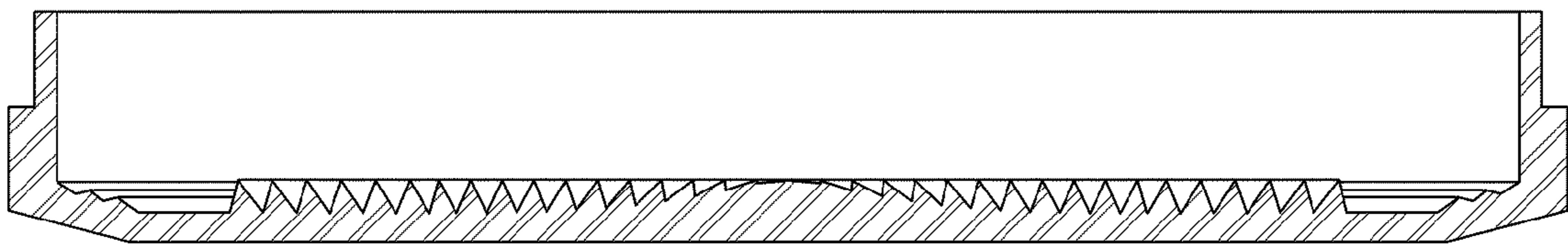


FIG. 6