



US00D634883S

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

(10) **Patent No.:** **US D634,883 S**
(45) **Date of Patent:** **** Mar. 22, 2011**

(54) **LENS FOR LED LAMP**

(75) Inventors: **Eunhwa Kim**, Uiwang (KR); **Dong Nyung Lim**, Anyang (KR)

(73) Assignee: **LG Innotek Co., Ltd.**, Seoul (KR)

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

(21) Appl. No.: **29/362,533**

(22) Filed: **May 27, 2010**

(30) **Foreign Application Priority Data**

Apr. 10, 2010 (KR) 30-2010-0015946

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

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

(58) **Field of Classification Search** D26/85,
D26/133, 134, 136, 122, 138, 118, 124, 69,
D26/68, 67, 71, 125, 149, 147, 156, 94, 73,
D26/32, 47, 57, 152, 74, 142, 2, 140, 60,
D26/51, 38, 135, 119; D8/71, 72, 395, 328;
D19/65, 90; 248/206.5, 389, 229.13, 229.15;
D32/8, 55, 58; 211/106, 119.01, 119.09,
211/85.15; 439/540.1; 362/183, 249.01–249.11,
362/356, 365, 523, 190, 191, 351, 352, 357,
362/358; D24/99, 327, 134, 227; D2/624;
24/316, 306, 339, 3.1, 3.11, 3.12; D6/557,
D6/462; 52/19, 28; 8/38; D14/511, 496

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D51,412 S * 10/1917 Gillinder D26/123
D99,105 S * 3/1936 Arenberg D26/124
2,454,332 A * 11/1948 Mitchell et al. 362/337
2,547,342 A * 4/1951 Nirdlinger 362/125
4,617,615 A * 10/1986 Eychaner 362/216
5,051,875 A * 9/1991 Johnson 362/101
D343,019 S * 1/1994 Garrity D26/37

5,725,303 A * 3/1998 Lin 362/376
6,019,493 A * 2/2000 Kuo et al. 362/335
D437,654 S * 2/2001 Chen D26/74
D468,044 S * 12/2002 Lam D26/72
6,609,816 B2 * 8/2003 Ansari et al. 362/294
D482,485 S * 11/2003 Benghozi D26/85
6,641,295 B1 * 11/2003 Hu 362/545
6,808,293 B2 * 10/2004 Watanabe et al. 362/244
D509,617 S * 9/2005 Benghozi D26/89
6,979,107 B1 * 12/2005 Benensohn 362/374
7,025,482 B2 * 4/2006 Yamashita et al. 362/511
7,153,000 B2 * 12/2006 Park et al. 362/268
7,347,590 B2 * 3/2008 Lee et al. 362/327
D574,095 S * 7/2008 Hill et al. D26/26
7,473,013 B2 * 1/2009 Shimada 362/327
7,513,656 B2 * 4/2009 Park et al. 362/333

(Continued)

Primary Examiner — Cathron C Brooks

Assistant Examiner — Kevin K Rudzinski

(74) *Attorney, Agent, or Firm* — Park, Kim & Suh, LLC

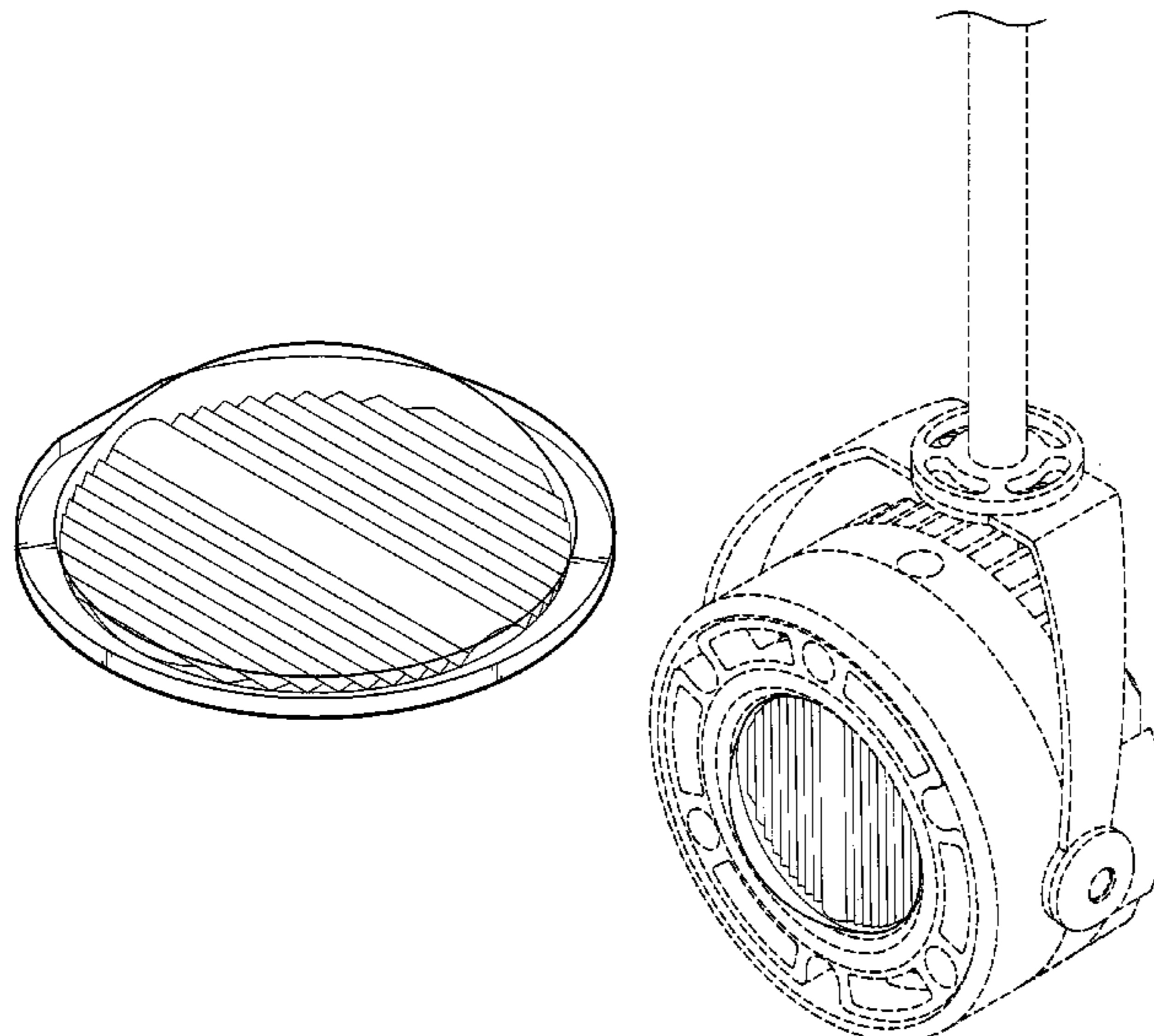
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a lens for an LED lamp showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof, a right side view being a mirror image of the left side view;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a cross-sectional view taken along line 7—7 in FIG. 5; and,
FIG. 8 is a perspective view showing the lens in an environment of use with an LED lamp.
The broken lines shown in the figures illustrate environmental structures and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



US D634,883 S

Page 2

U.S. PATENT DOCUMENTS

D592,615	S *	5/2009	Imai et al.	D13/180	2006/0067086	A1 *	3/2006	Hsu	362/544
7,553,040	B2 *	6/2009	Boothe et al.	362/101	2006/0238881	A1 *	10/2006	Park et al.	359/642
7,594,740	B2 *	9/2009	Popovich et al.	362/373	2007/0070530	A1 *	3/2007	Seo et al.	359/819
7,618,163	B2 *	11/2009	Wilcox	362/336	2007/0236952	A1 *	10/2007	Chinniah et al.	362/538
7,733,580	B2 *	6/2010	Ieda et al.	359/742	2008/0203412	A1 *	8/2008	Shyu et al.	257/98
2004/0105171	A1 *	6/2004	Minano et al.	359/728	2008/0247188	A1 *	10/2008	Woodward	362/554
2005/0024744	A1 *	2/2005	Falicoff et al.	359/737	2008/0297918	A1 *	12/2008	Park et al.	359/709

* cited by examiner

FIG. 1

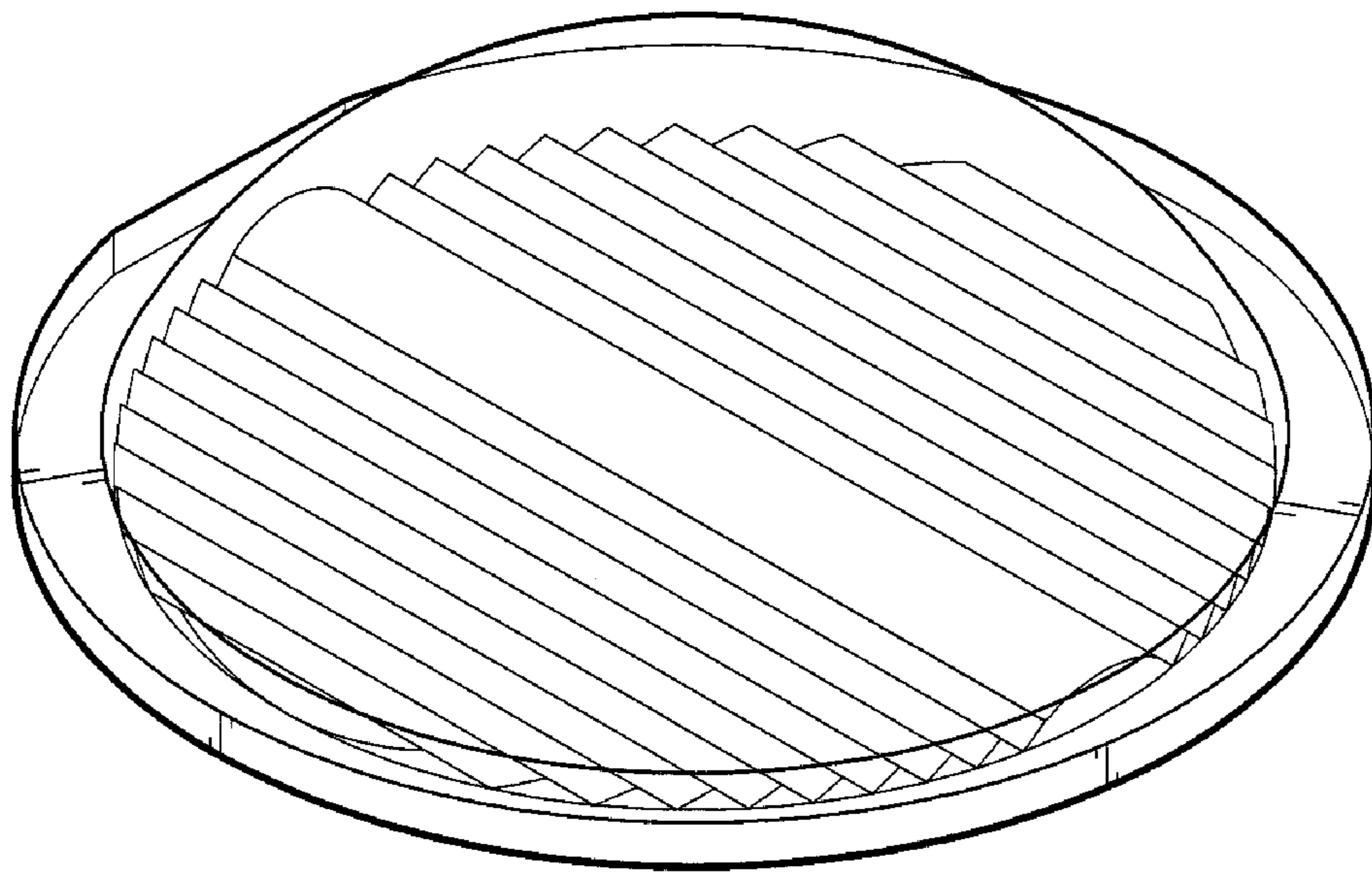


FIG. 2

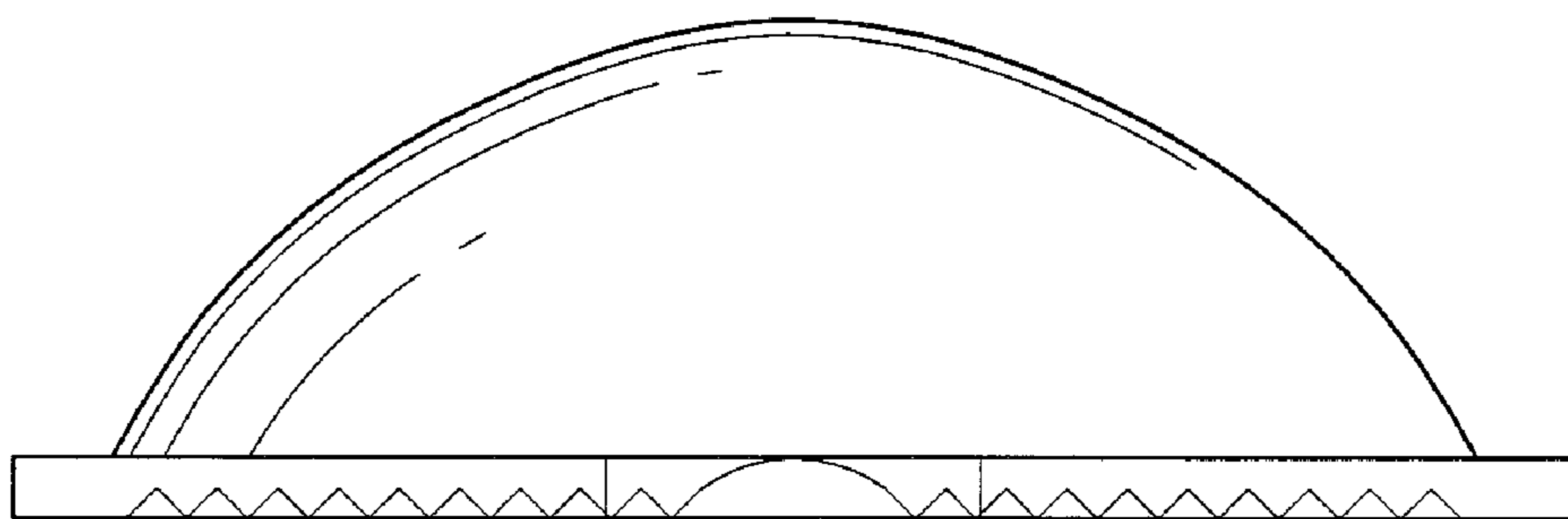


FIG. 3

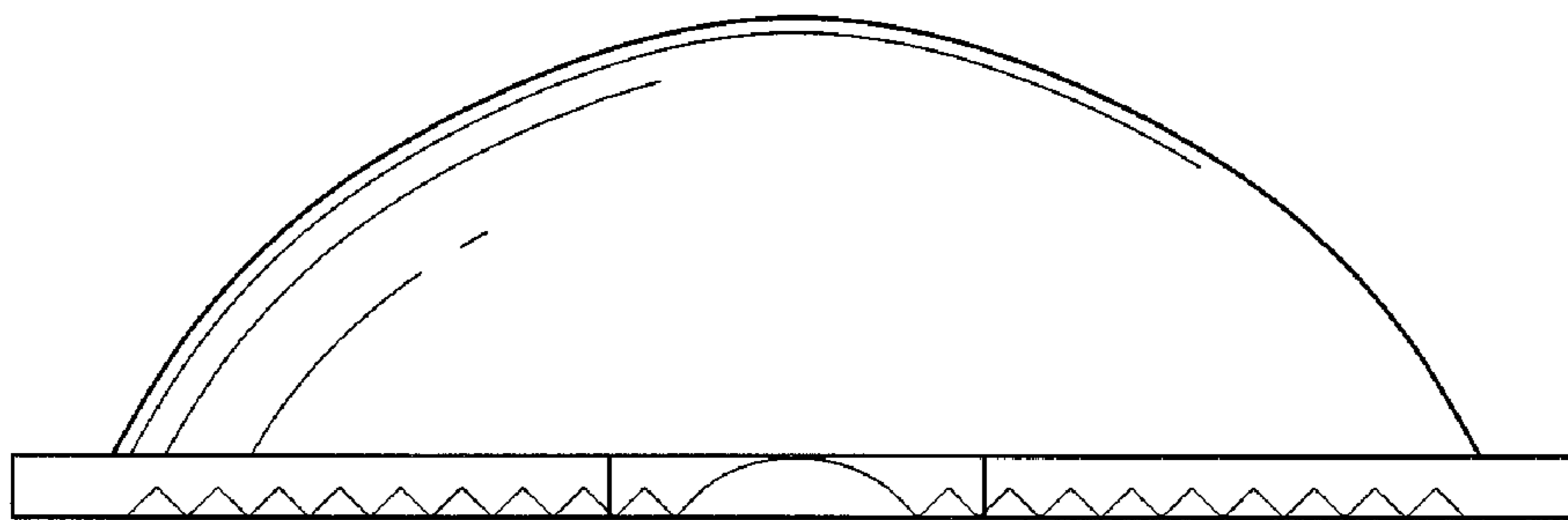


FIG. 4

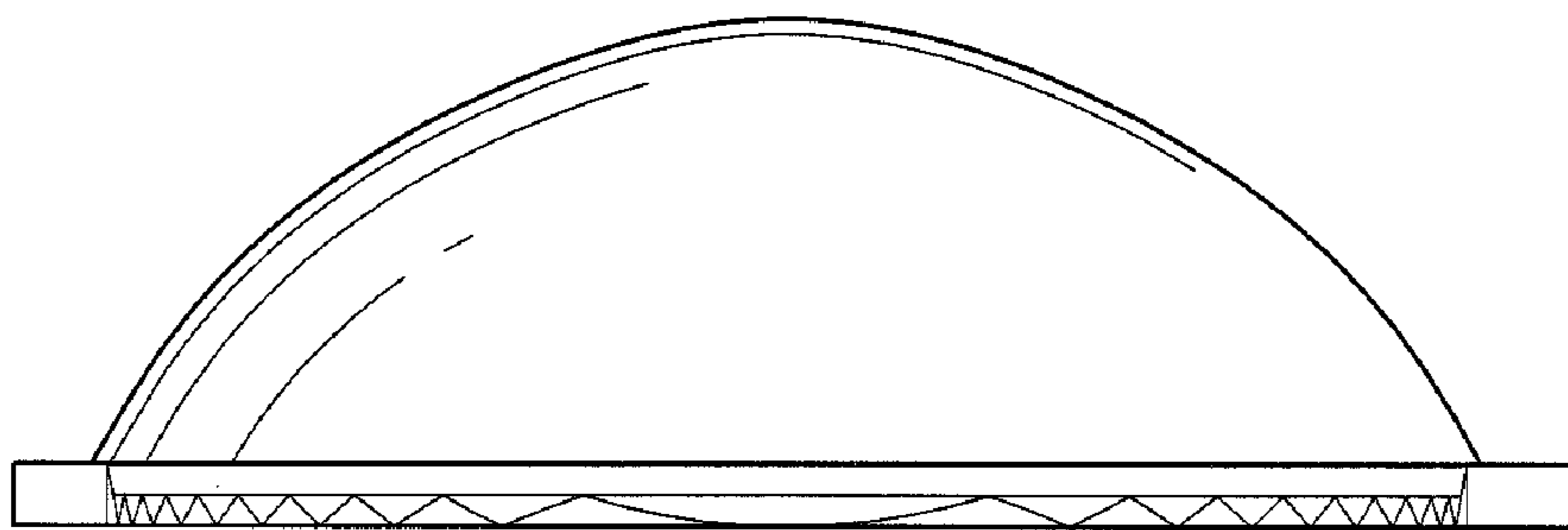


FIG. 5

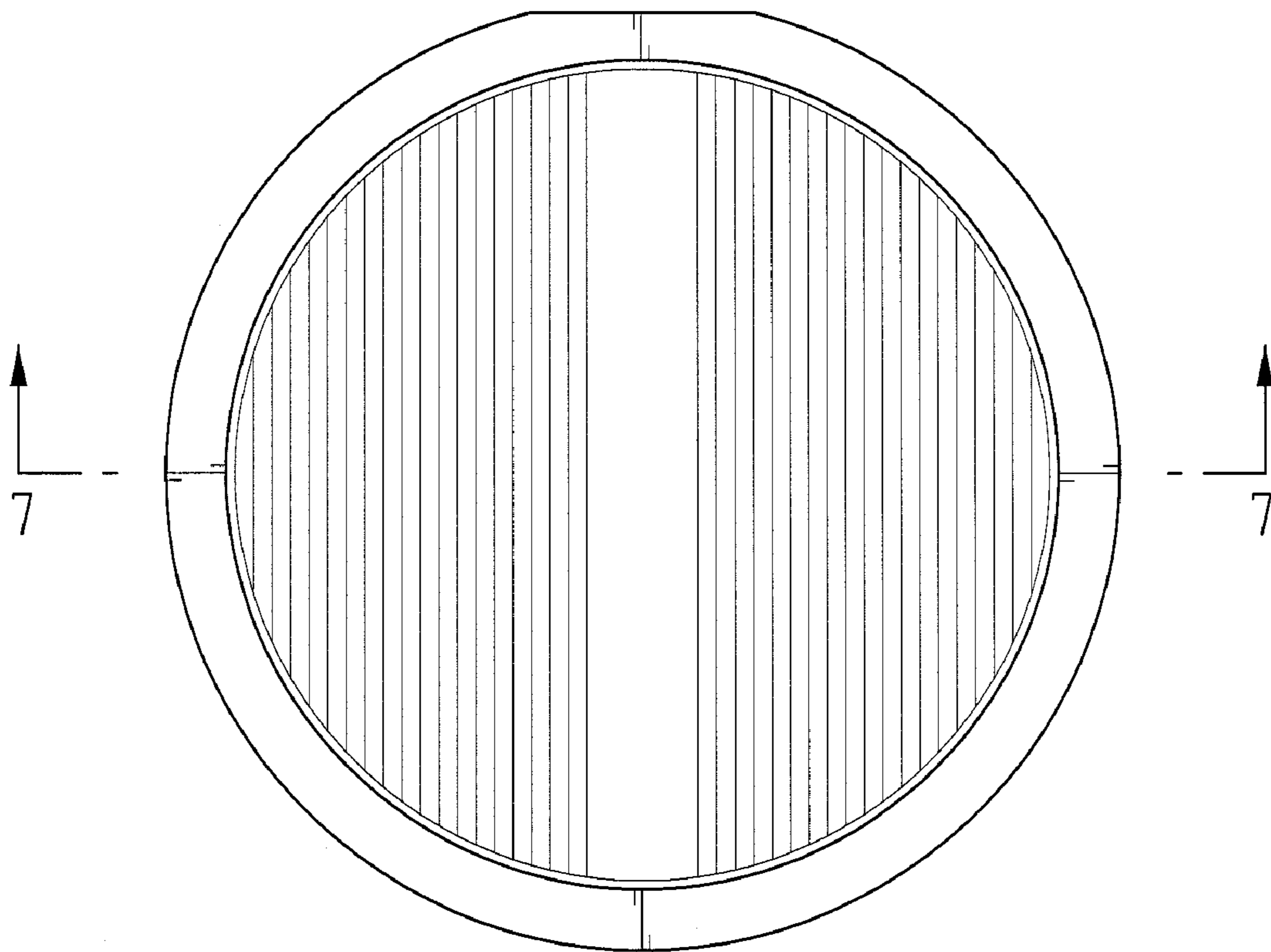


FIG. 6

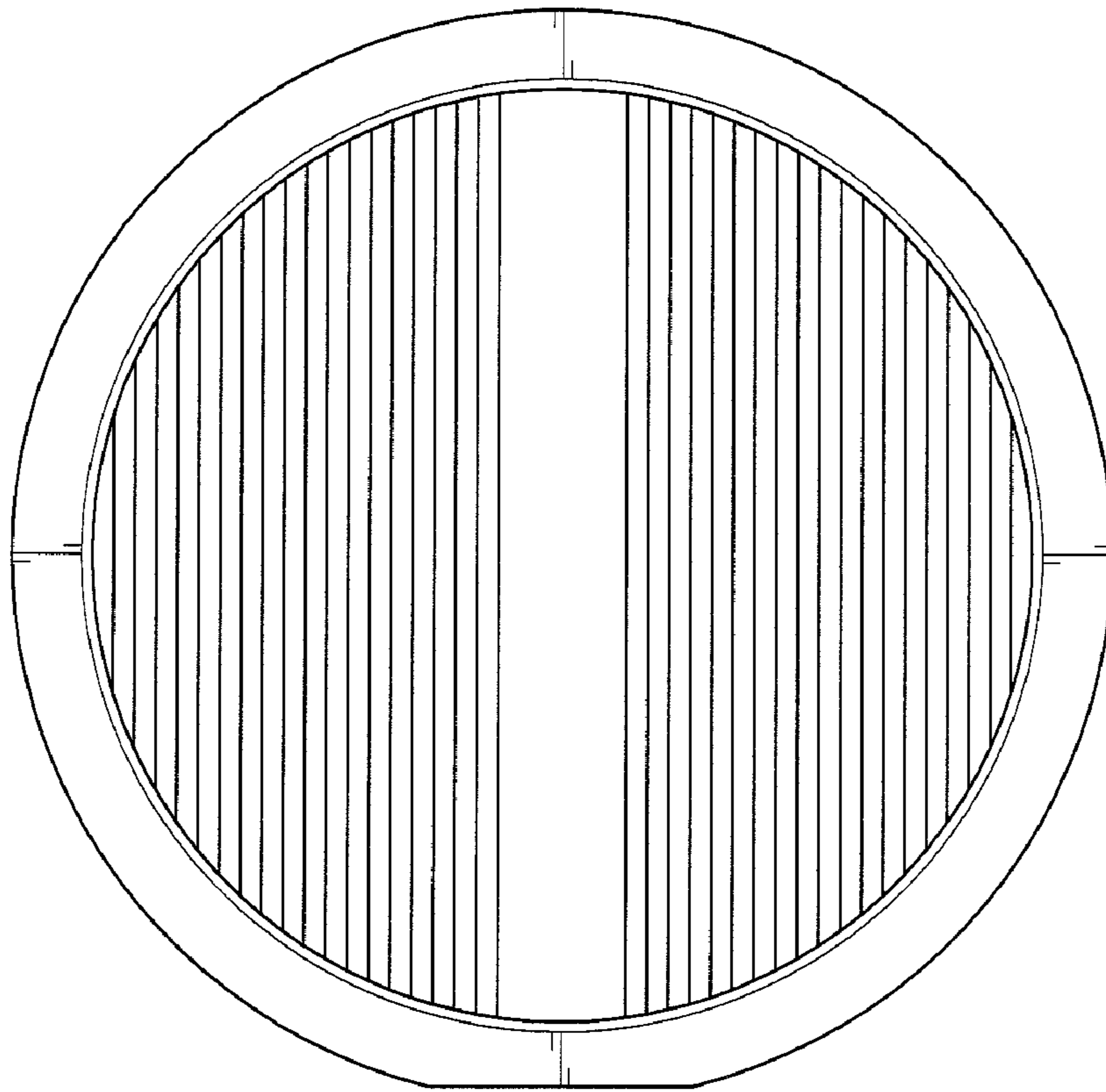


FIG. 7

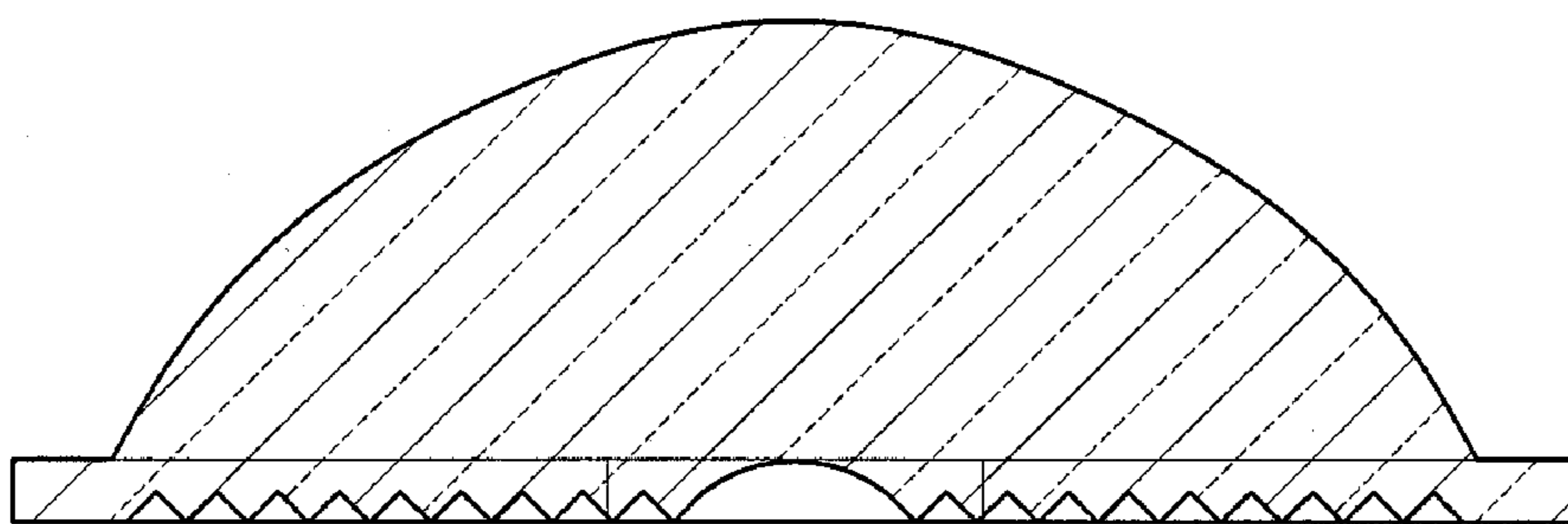


FIG. 8

