



US00D645066S

(12) **United States Design Patent**
Sakae

(10) **Patent No.:** **US D645,066 S**

(45) **Date of Patent:** **** Sep. 13, 2011**

(54) **MOLD FOR FINNED TUBE**

(75) Inventor: **Akira Sakae**, Kobe (JP)

(73) Assignee: **Kobe Steel, Ltd.**, Kobe-shi (JP)

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

(21) Appl. No.: **29/379,790**

(22) Filed: **Nov. 24, 2010**

(30) **Foreign Application Priority Data**

May 24, 2010 (JP) 2010-012719

(51) **LOC (9) Cl.** **15-09**

(52) **U.S. Cl.** **D15/136**

(58) **Field of Classification Search** D15/135,
D15/136; 29/597; 72/283, 370.01, 370.17;
138/177

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,422,518	A *	1/1969	French	.....	72/77
4,216,575	A *	8/1980	Carnavos et al.	.....	29/597
4,872,255	A *	10/1989	Kogej et al.	.....	29/597
5,016,460	A *	5/1991	England et al.	.....	72/208
D372,486	S *	8/1996	Morris	.....	D15/140
6,644,358	B2 *	11/2003	Demarest et al.	.....	138/177

FOREIGN PATENT DOCUMENTS

JP	2001-47125	2/2001
JP	2001-79610	3/2001
JP	2005-7479	1/2005
JP	2008-36662	2/2008

* cited by examiner

Primary Examiner — Patricia Palasik

(74) *Attorney, Agent, or Firm* — Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P.

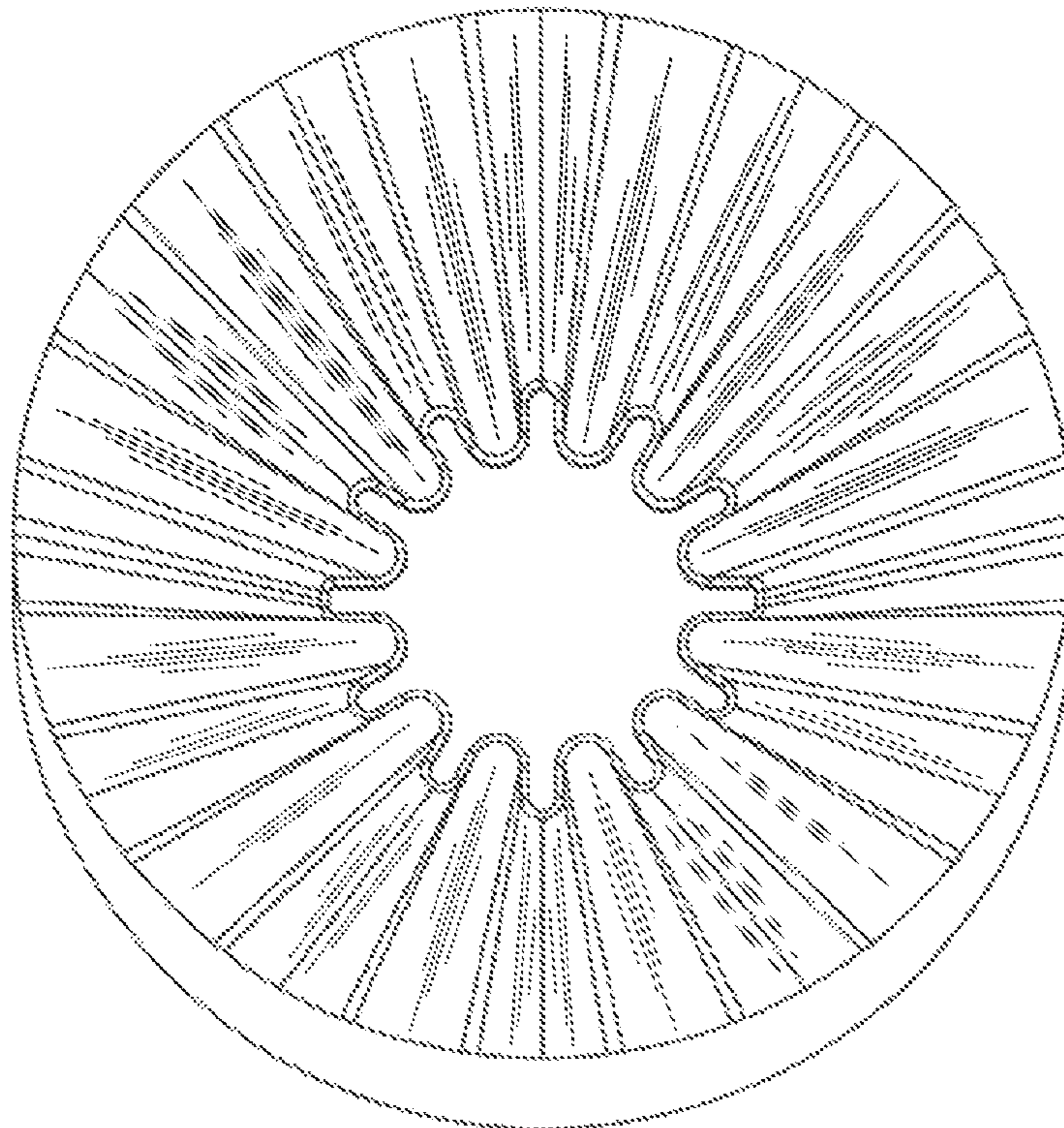
(57) **CLAIM**

The ornamental design for a mold for finned tube, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a mold for finned tube;
 FIG. 2 is a front view thereof, the opposite side being an identical image of the side shown herein;
 FIG. 3 is a left side view thereof, the opposite side being an identical image of the side shown herein;
 FIG. 4 is a top view thereof;
 FIG. 5 is a bottom view thereof;
 FIG. 6 is a cross-sectional view taken along line 6-6 of FIG. 2;
 FIG. 7 is a cross-sectional view taken along line 7-7 of FIG. 4;
 FIG. 8 is a cross-sectional view taken along line 8-8 of FIG. 4;
 and,
 FIG. 9 is a cross-sectional view taken along line 9-9 of FIG. 4.

1 Claim, 5 Drawing Sheets



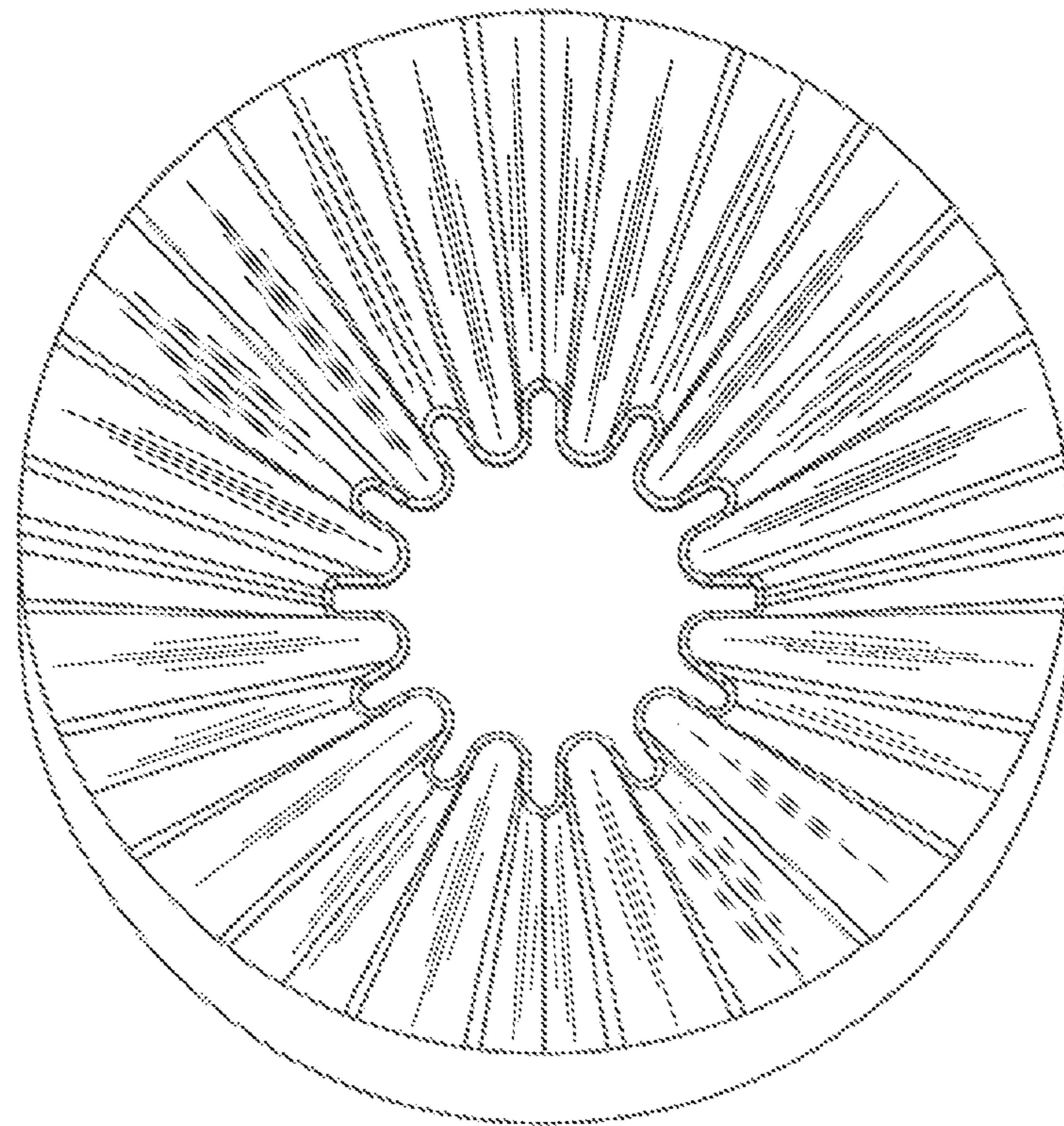


FIG. 1

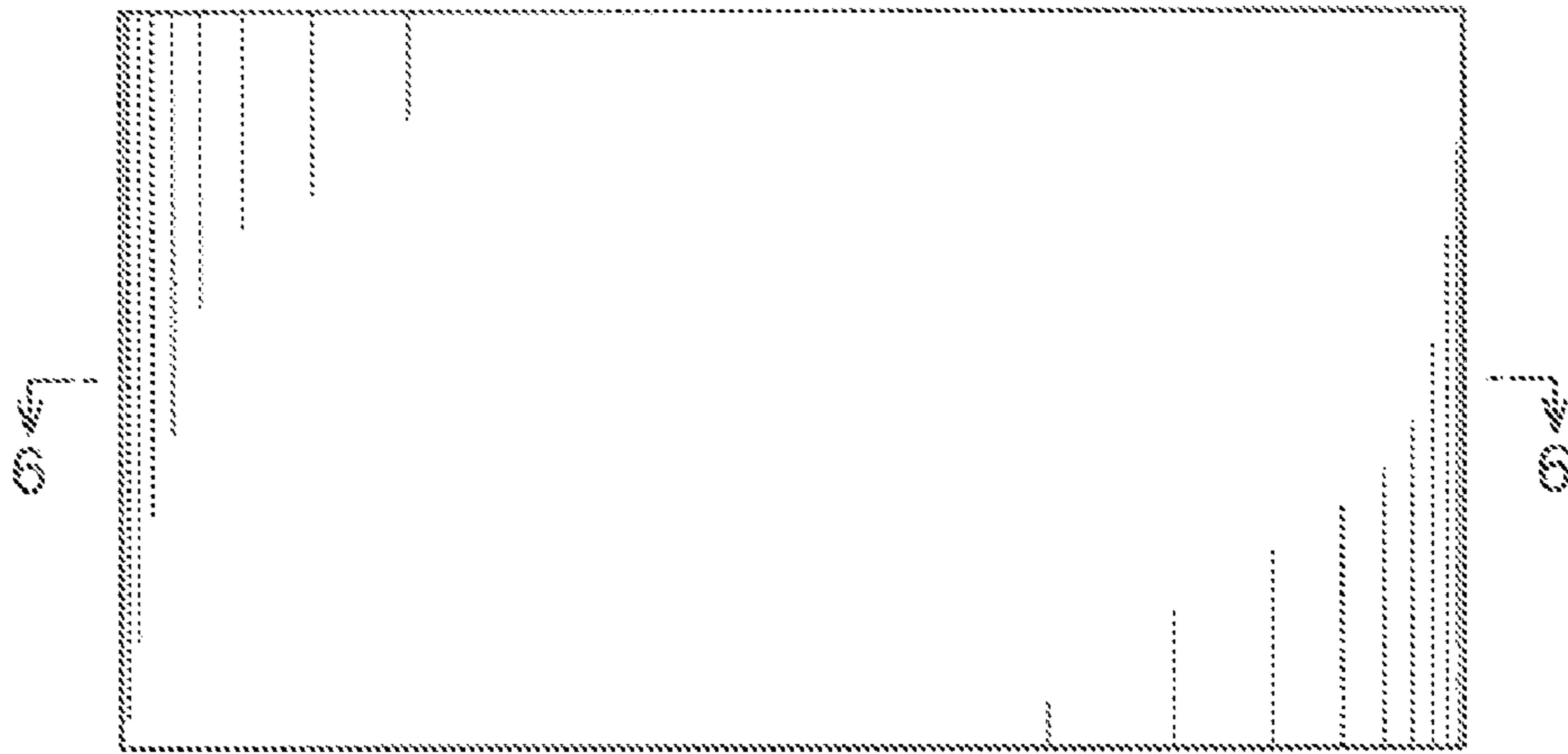


FIG. 2

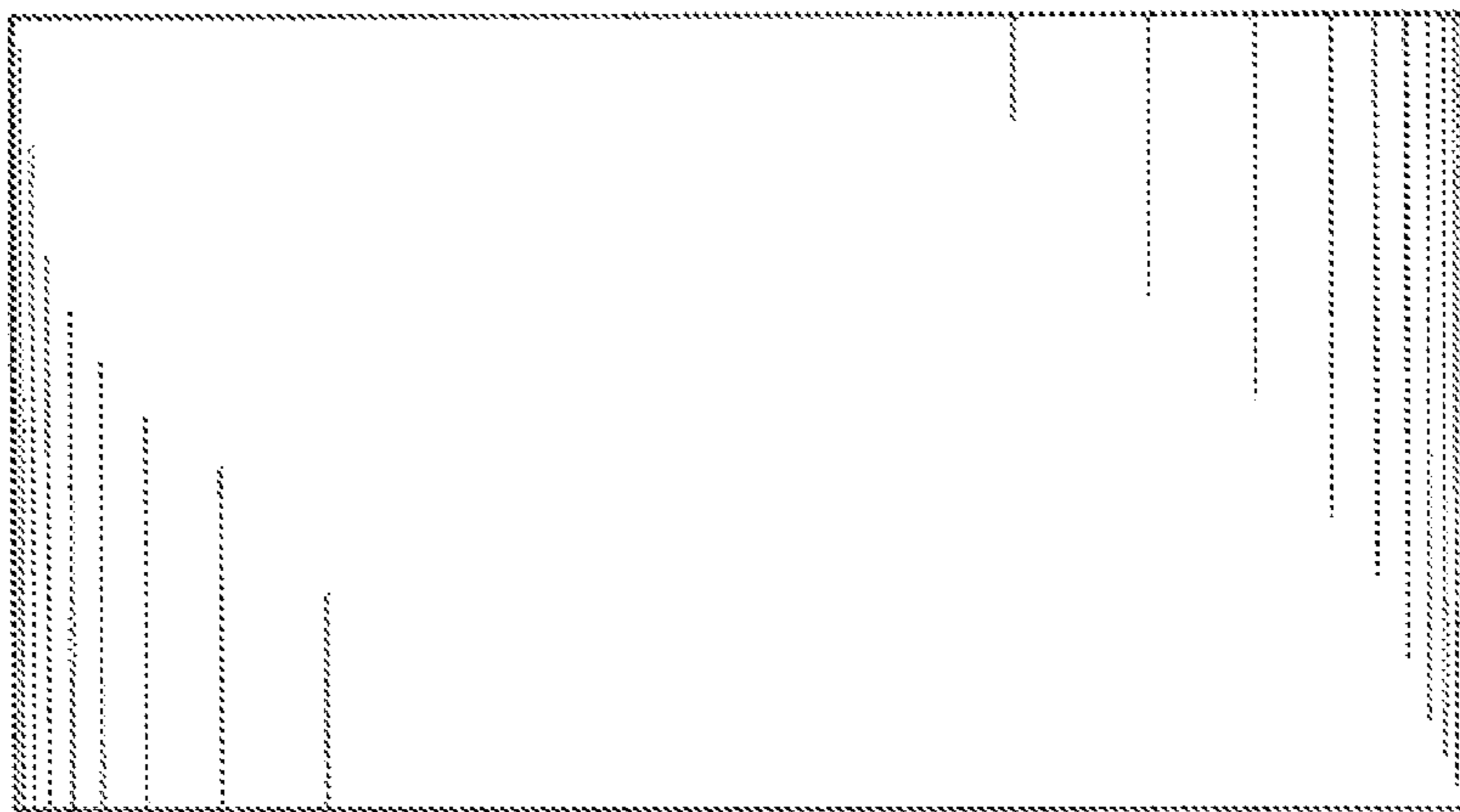


FIG. 3

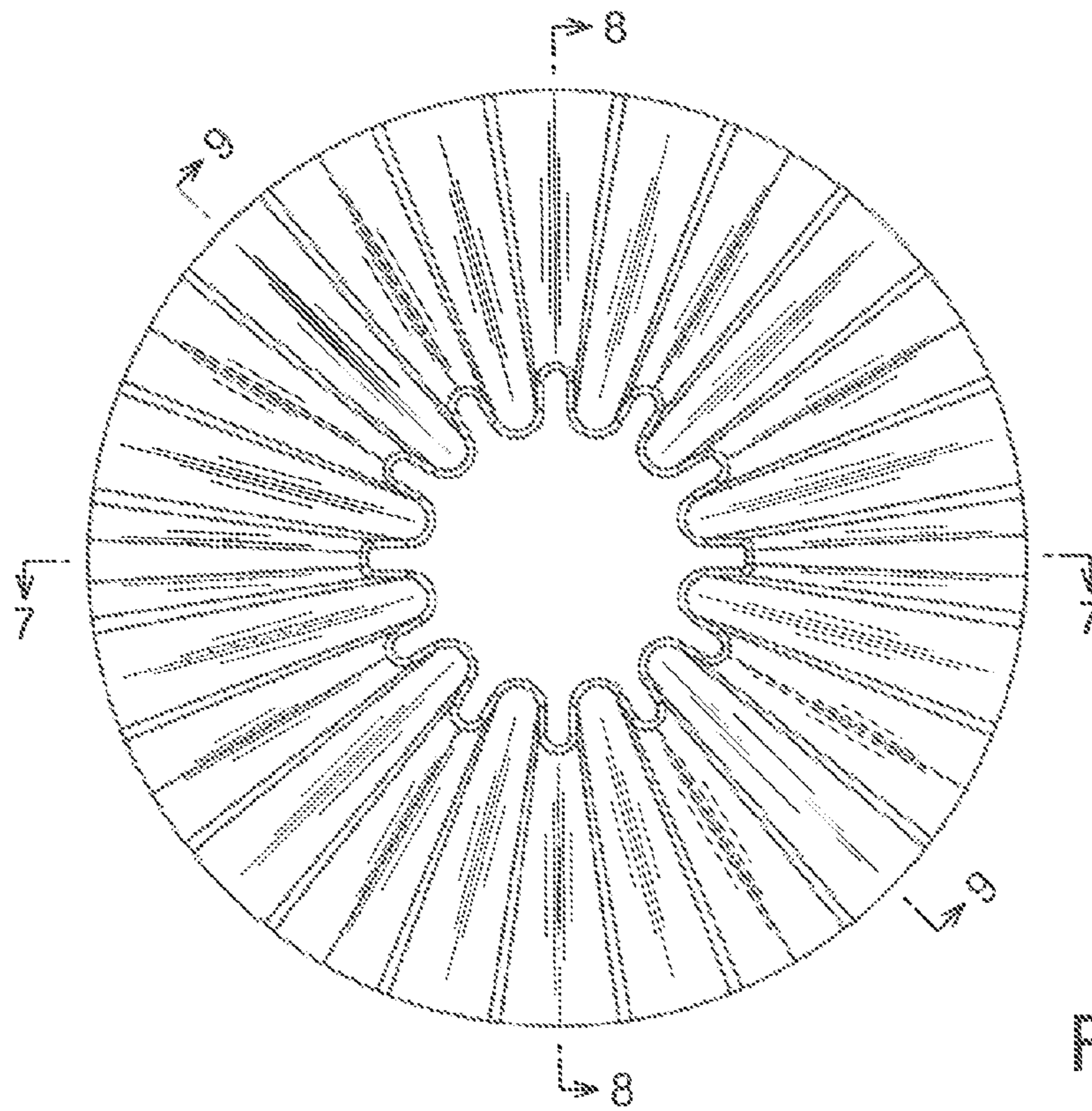


FIG. 4

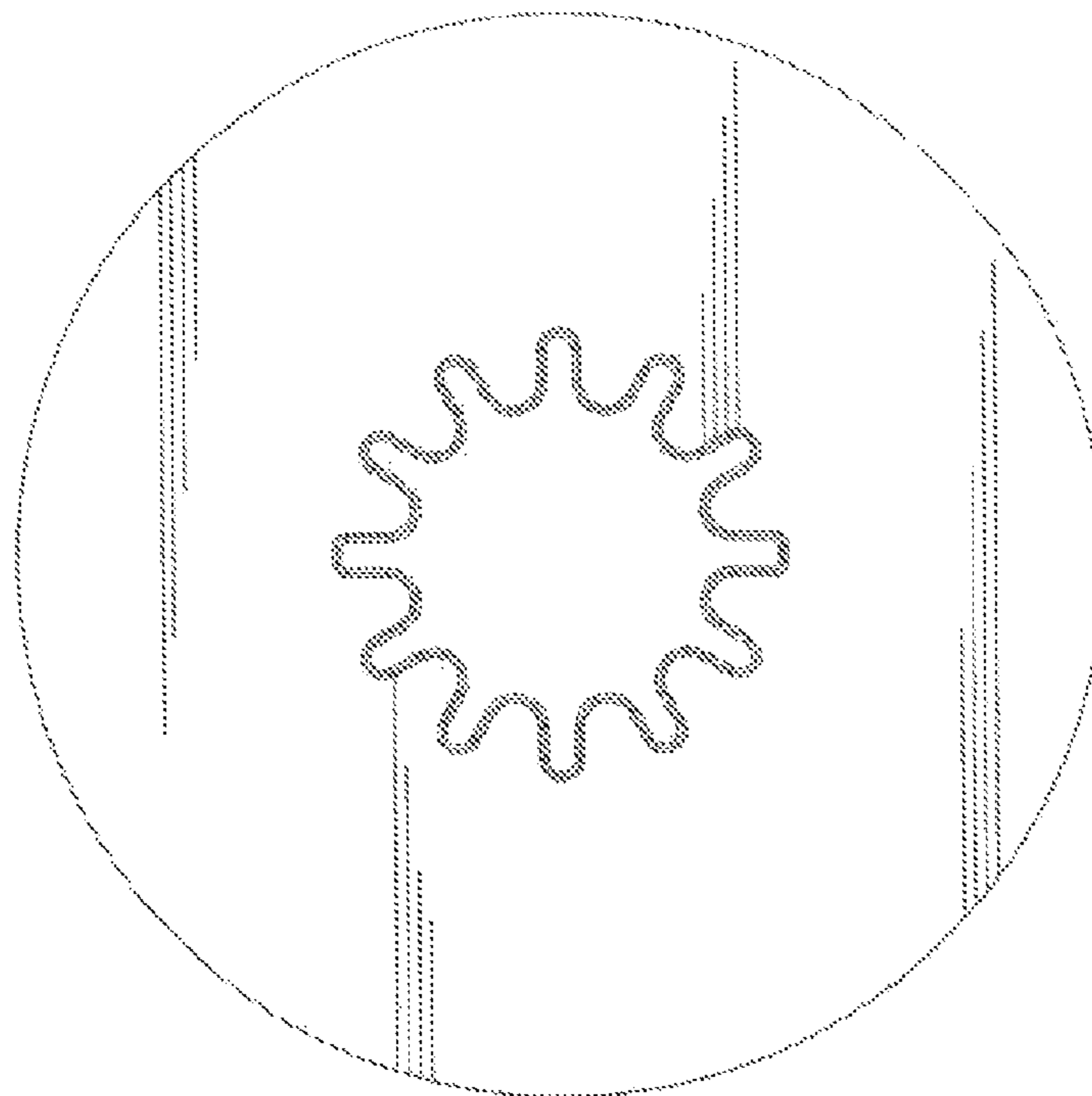


FIG. 5

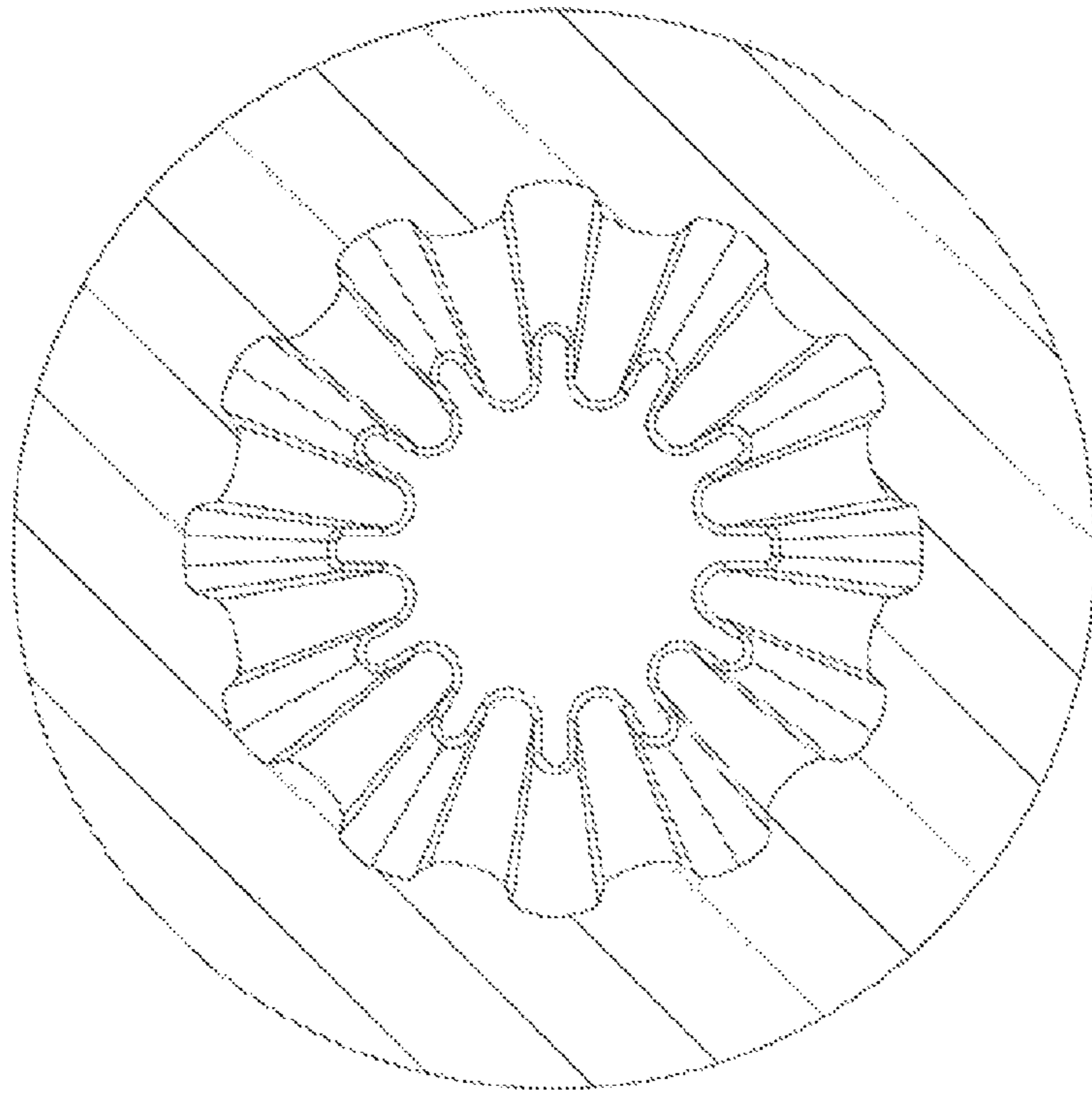


FIG. 6

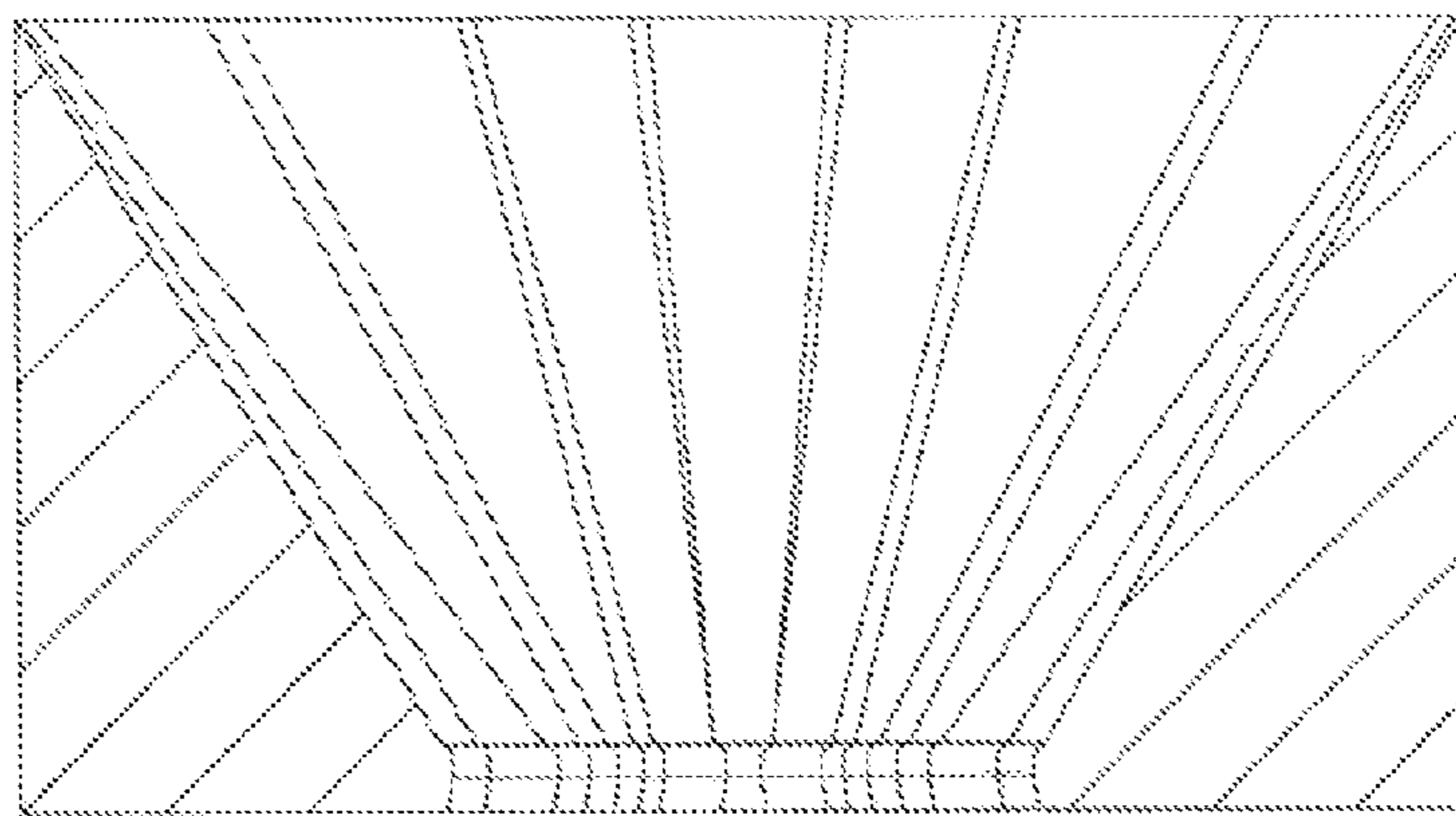


FIG. 7

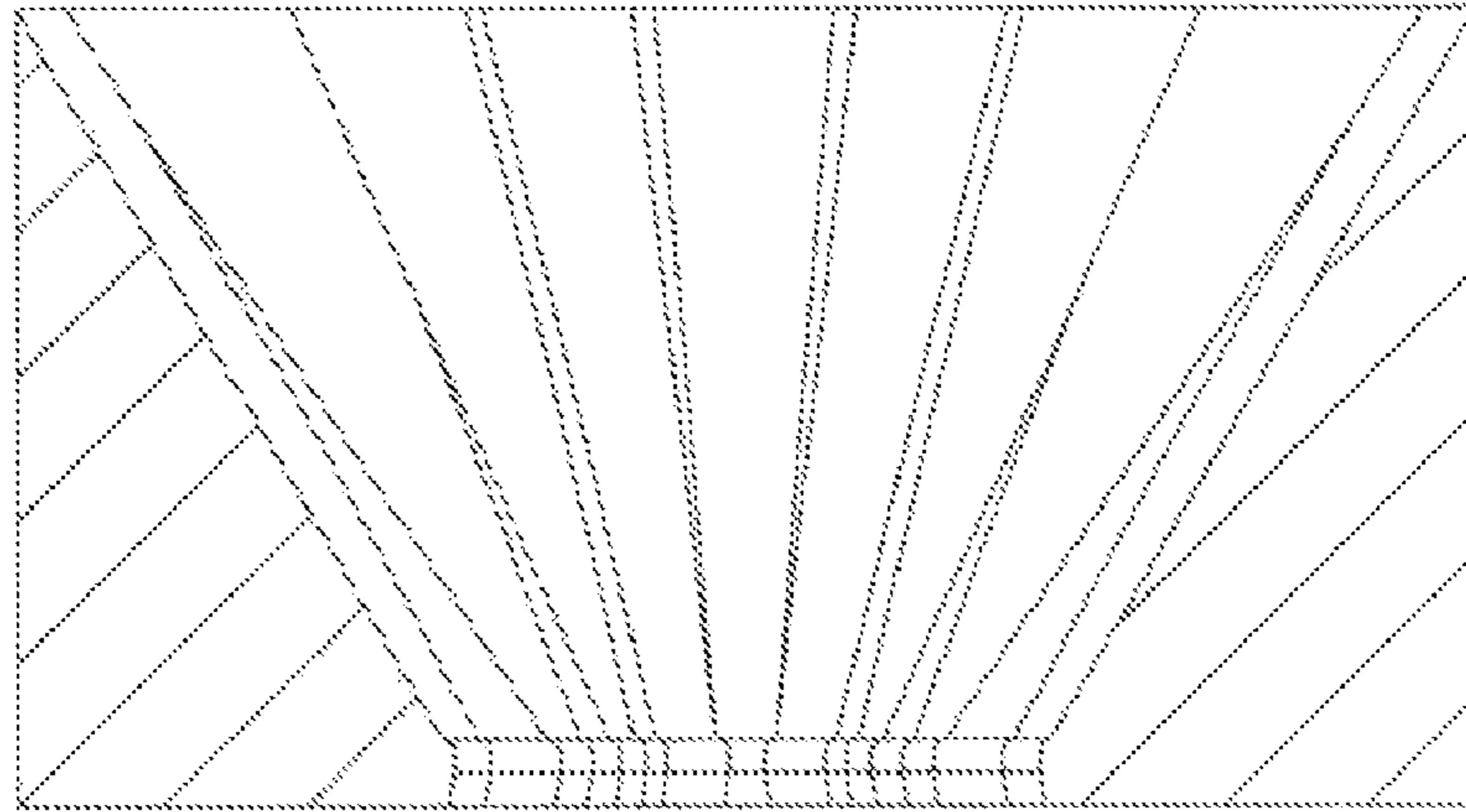


FIG. 8

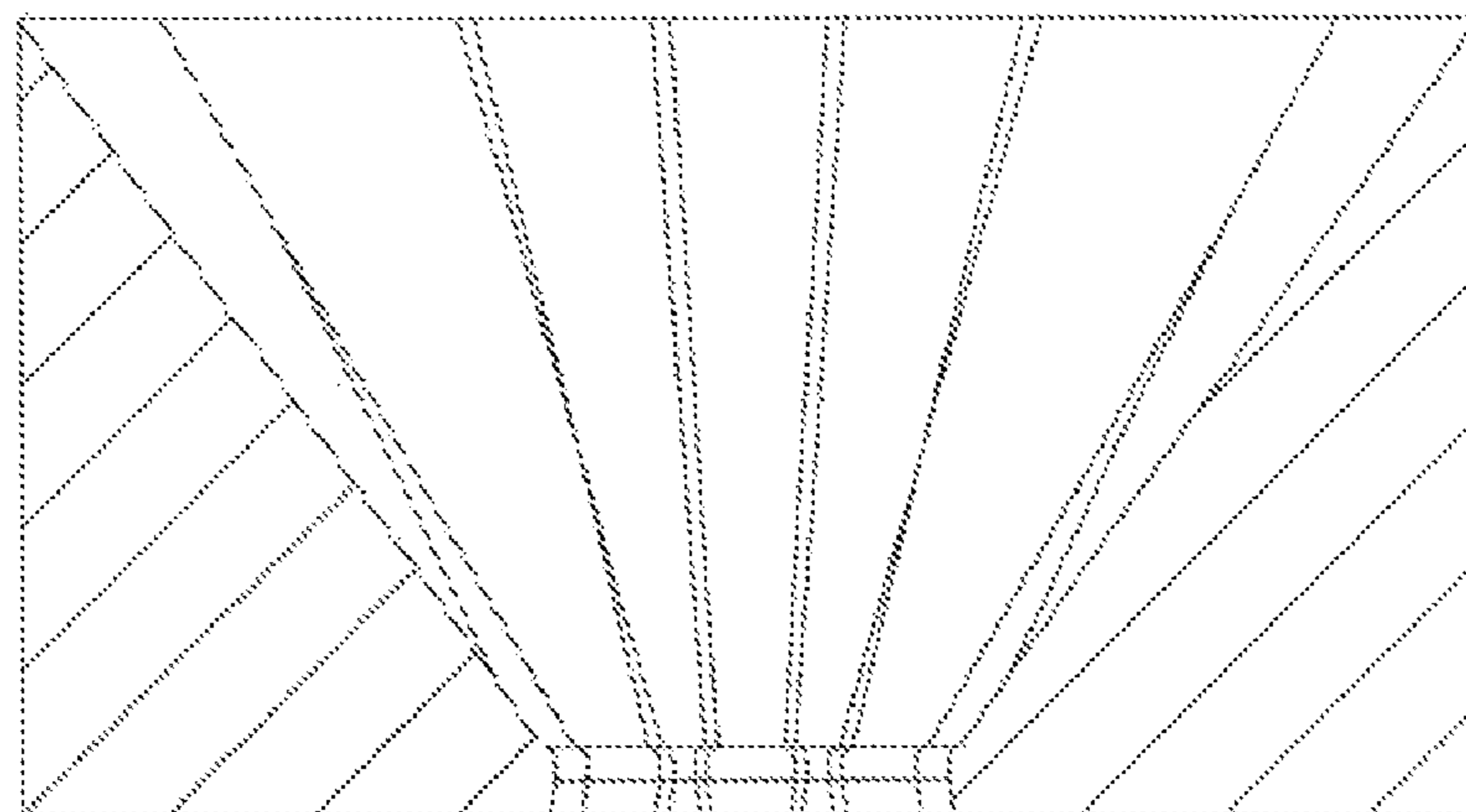


FIG. 9

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D645,066 S
APPLICATION NO. : 29/379790
DATED : September 13, 2011
INVENTOR(S) : Akira Sakae

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page and substitute therefore the attached title page.

Title page, after Item (22) please insert the following:

--(30) Foreign Application Priority Data
May 24, 2010 (JP) D2010-012719--.

The low resolution drawings published in the Letters Patent should be replaced with the high resolution drawings filed herewith. The drawings filed herewith are identical to those used in the Letters Patent, and thus do not add new matter.

Signed and Sealed this
Eighth Day of May, 2012



David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Design Patent**
Sakae

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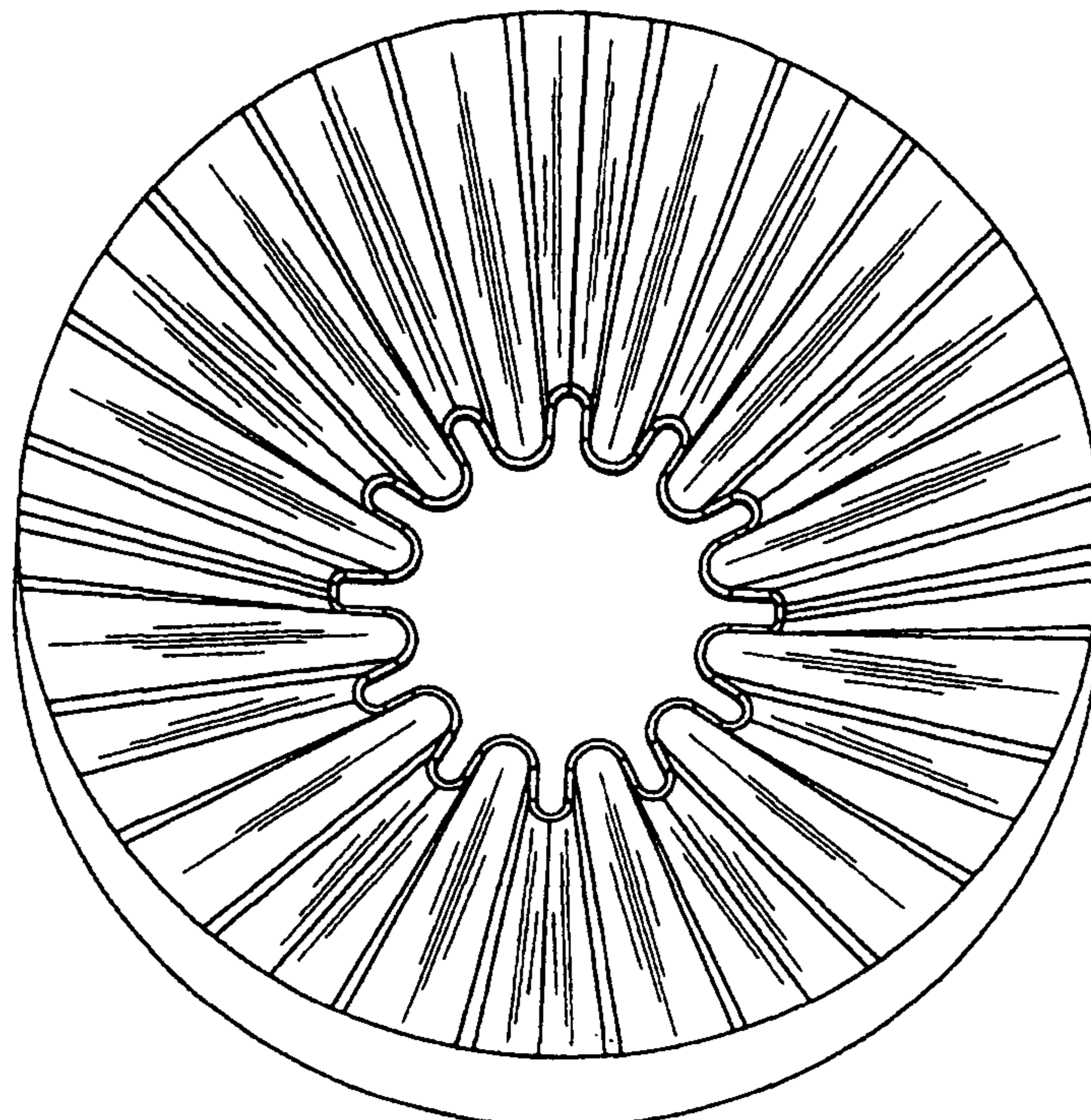
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1 Claim, 5 Drawing Sheets



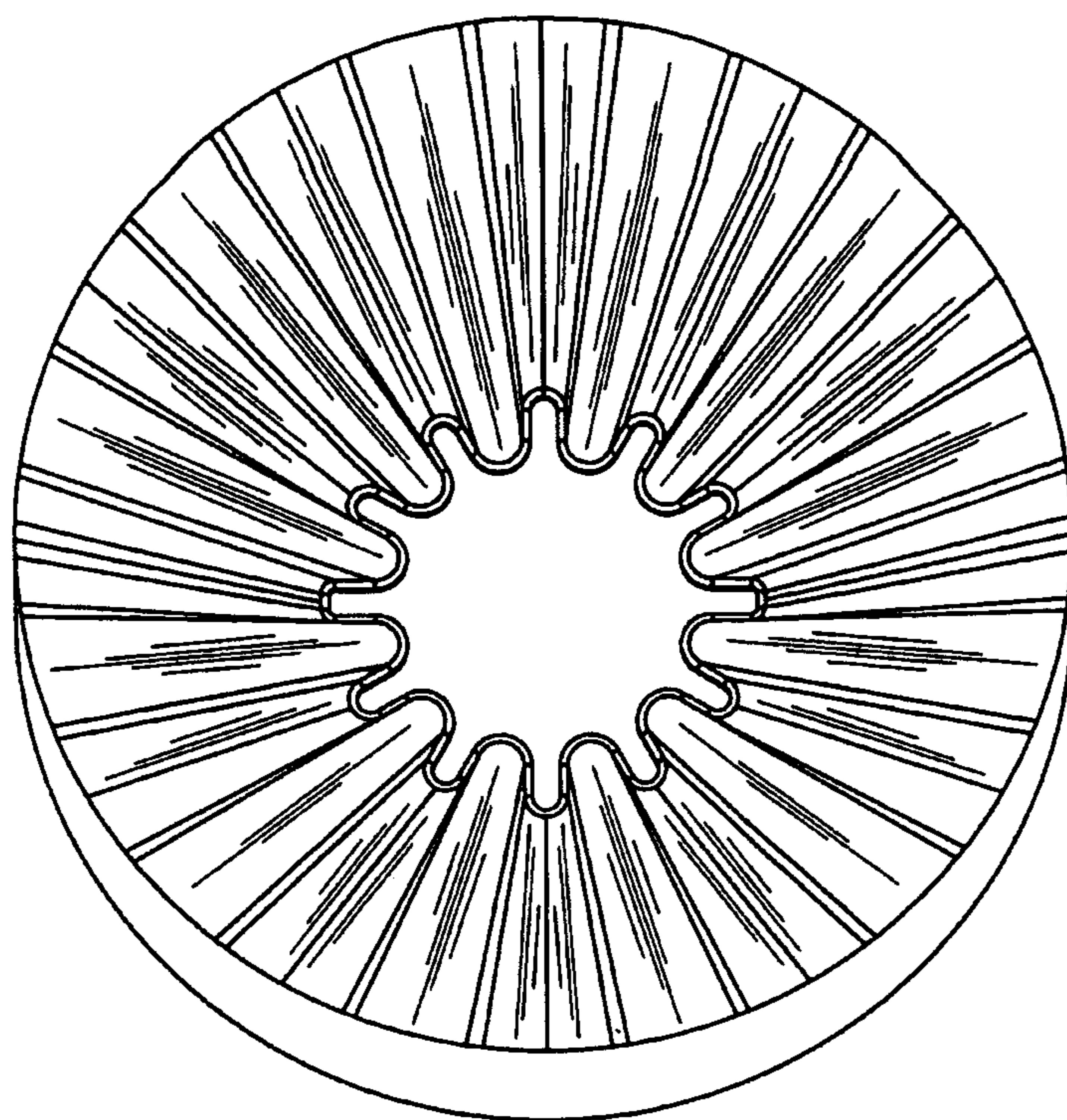


FIG.1

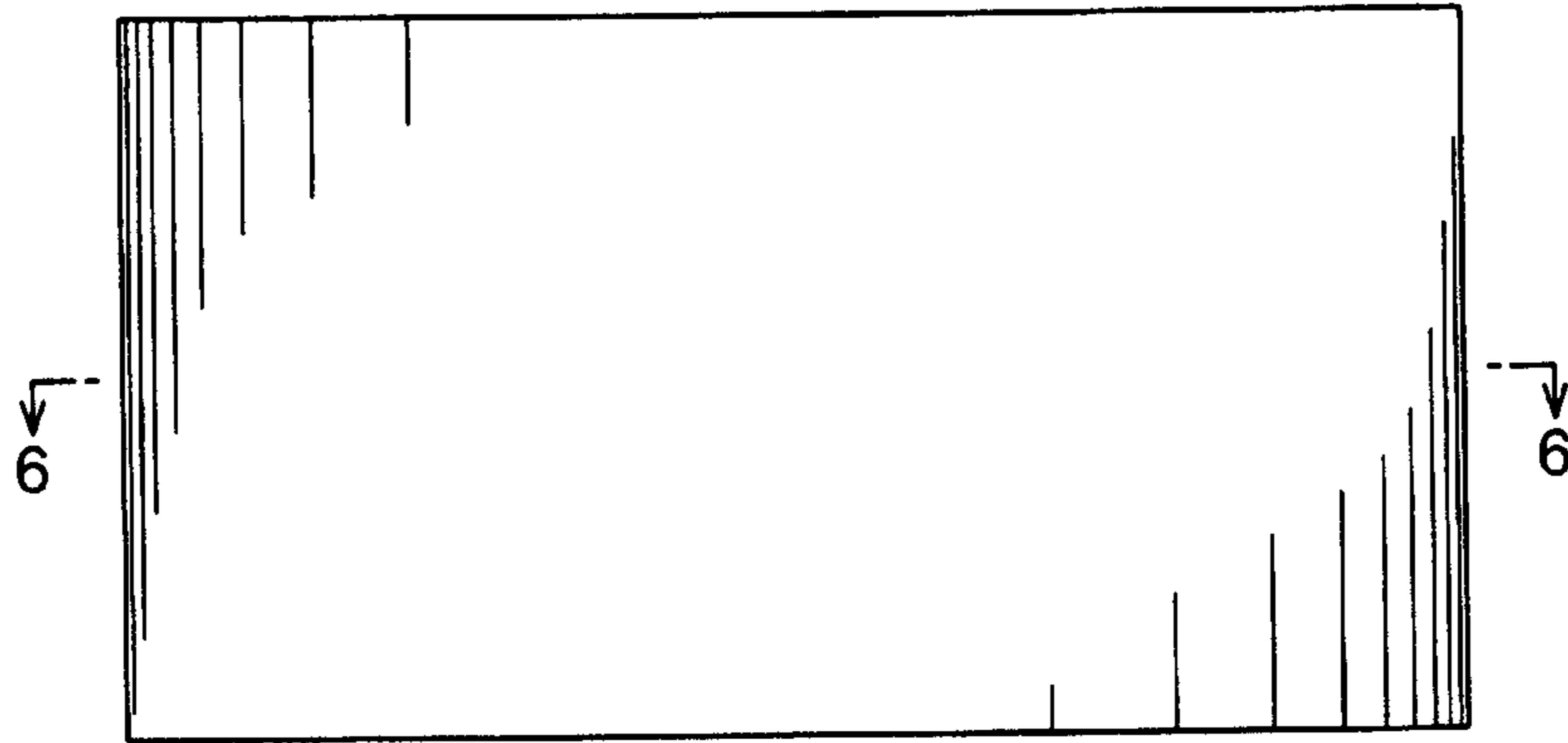


FIG.2

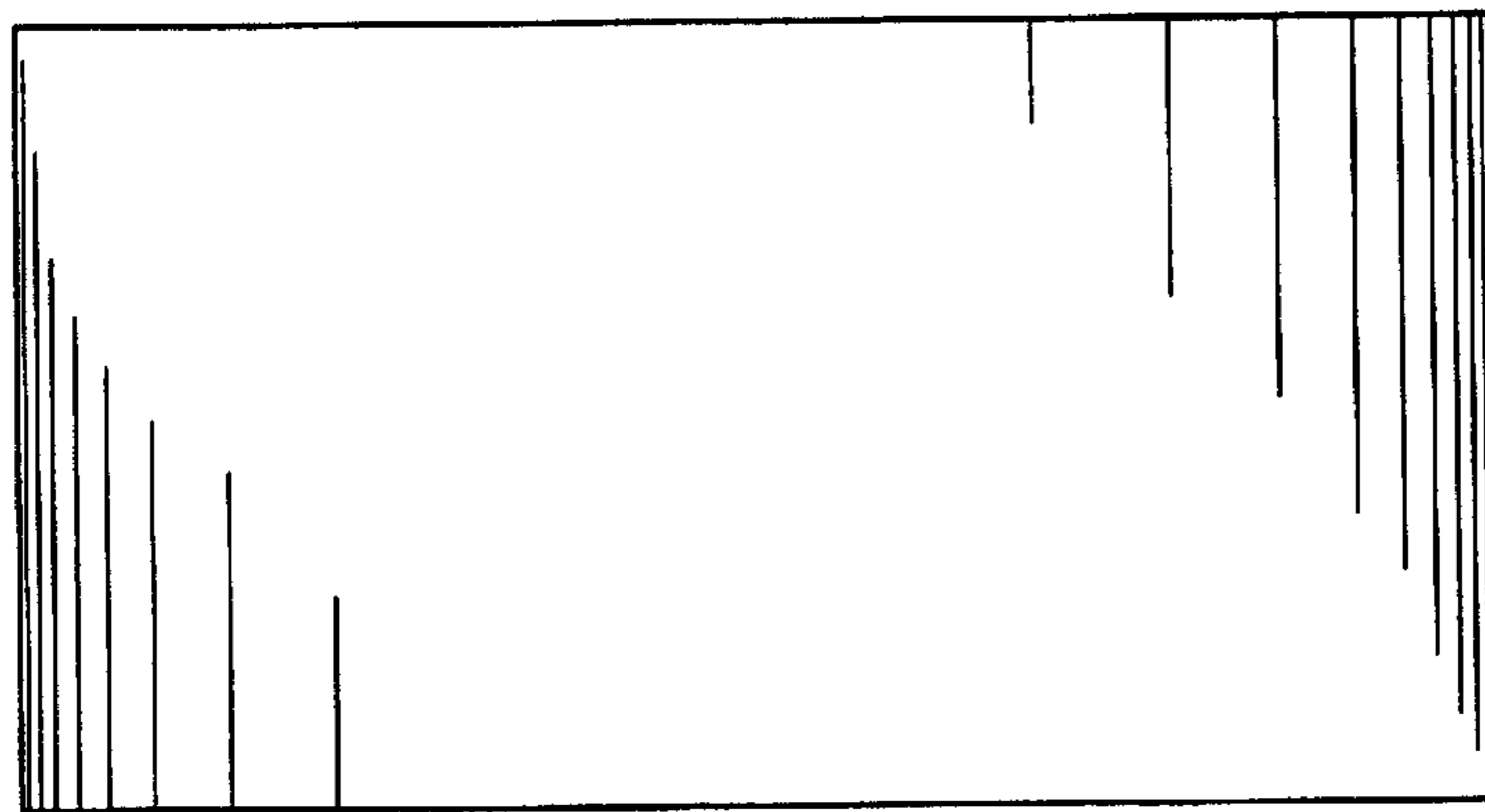


FIG.3

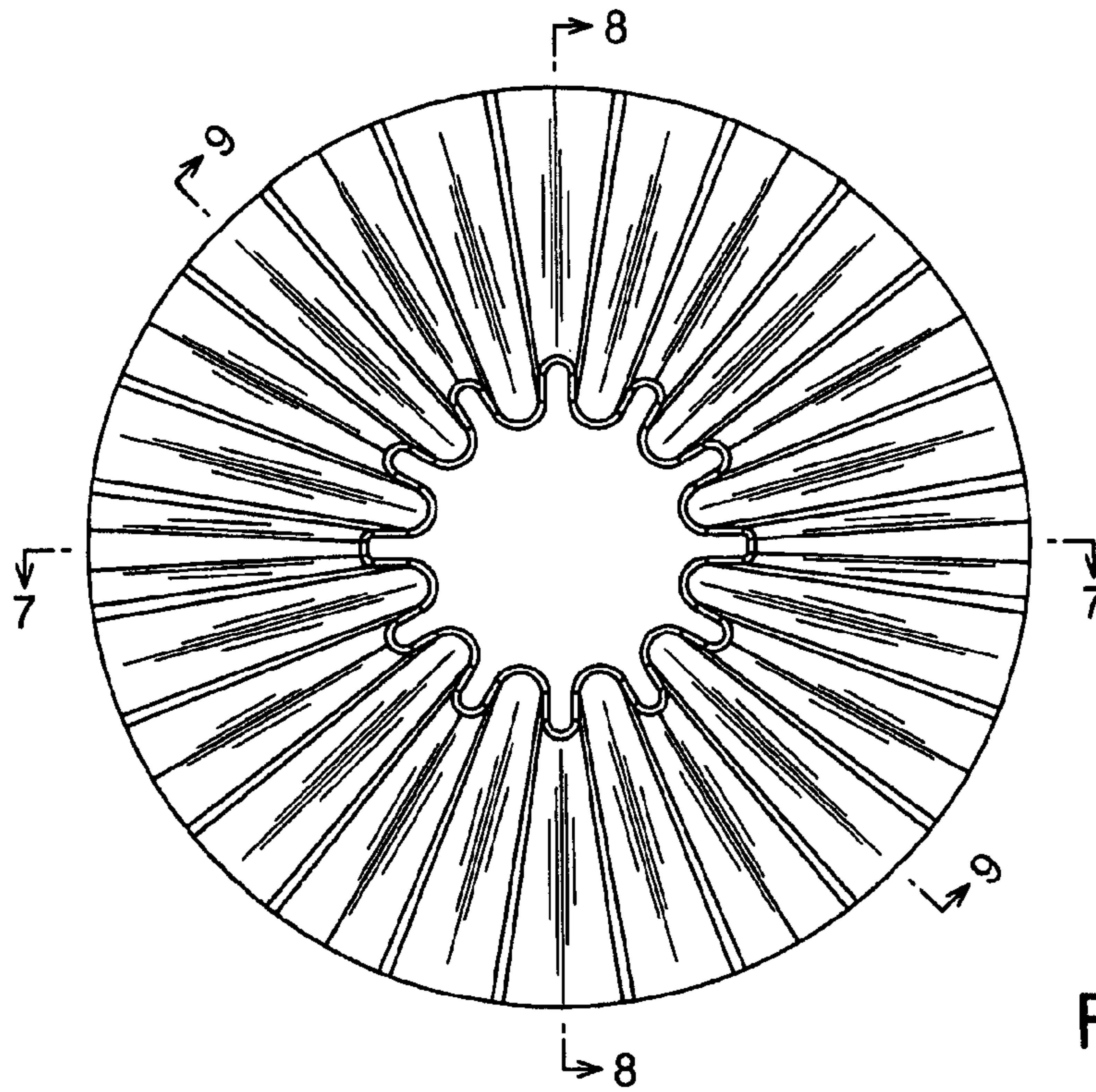


FIG. 4

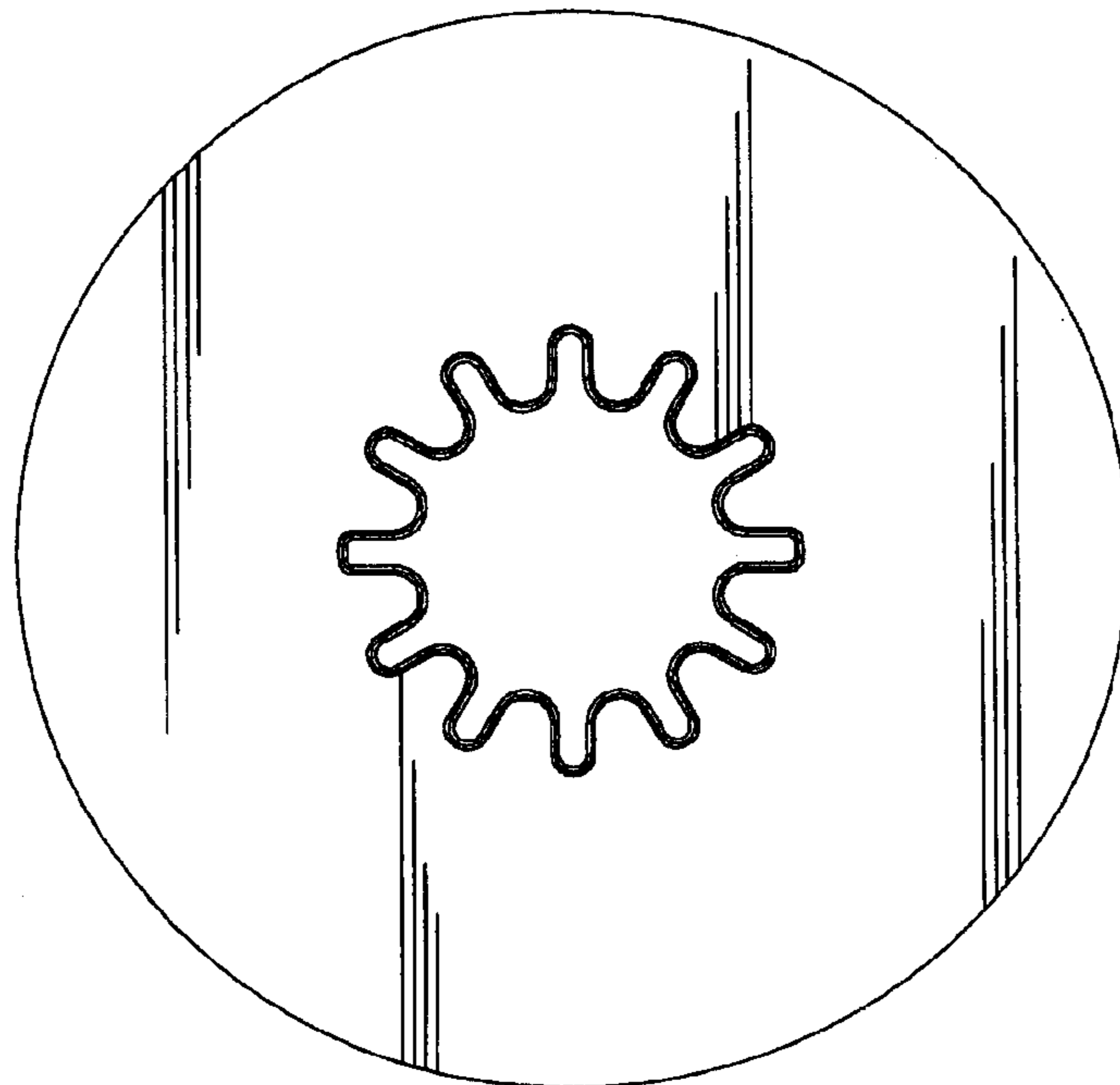


FIG. 5

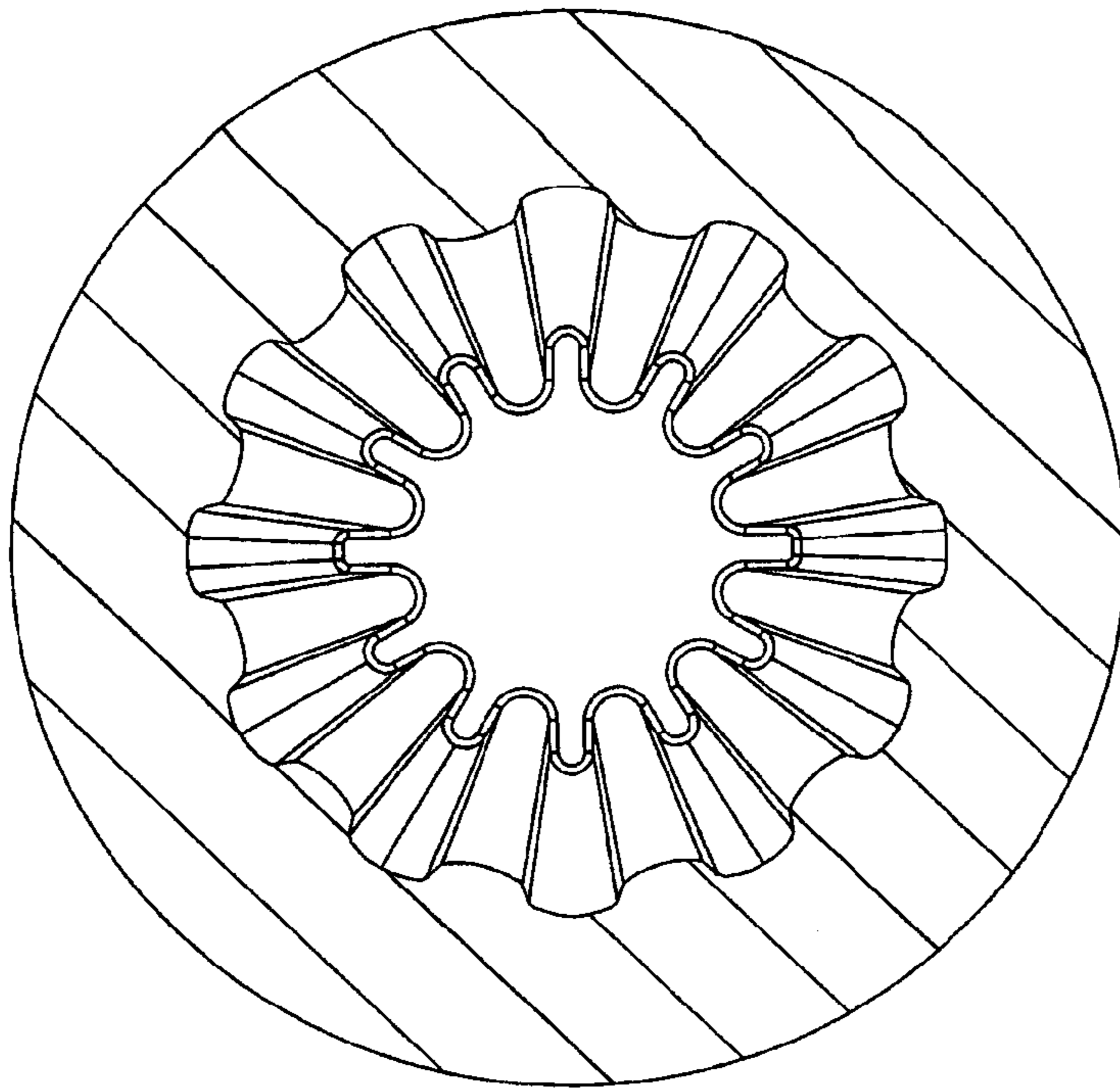


FIG. 6

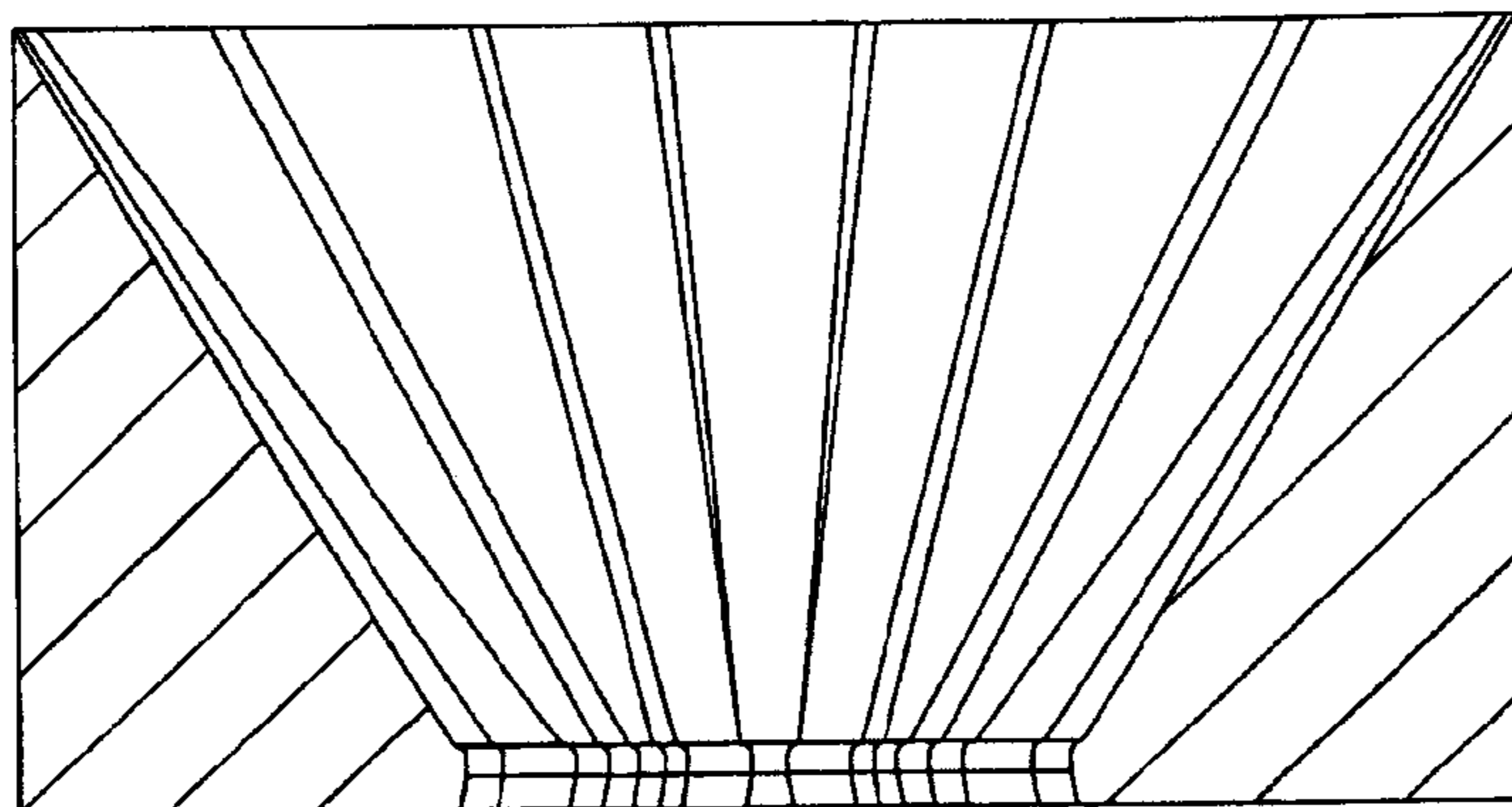


FIG. 7

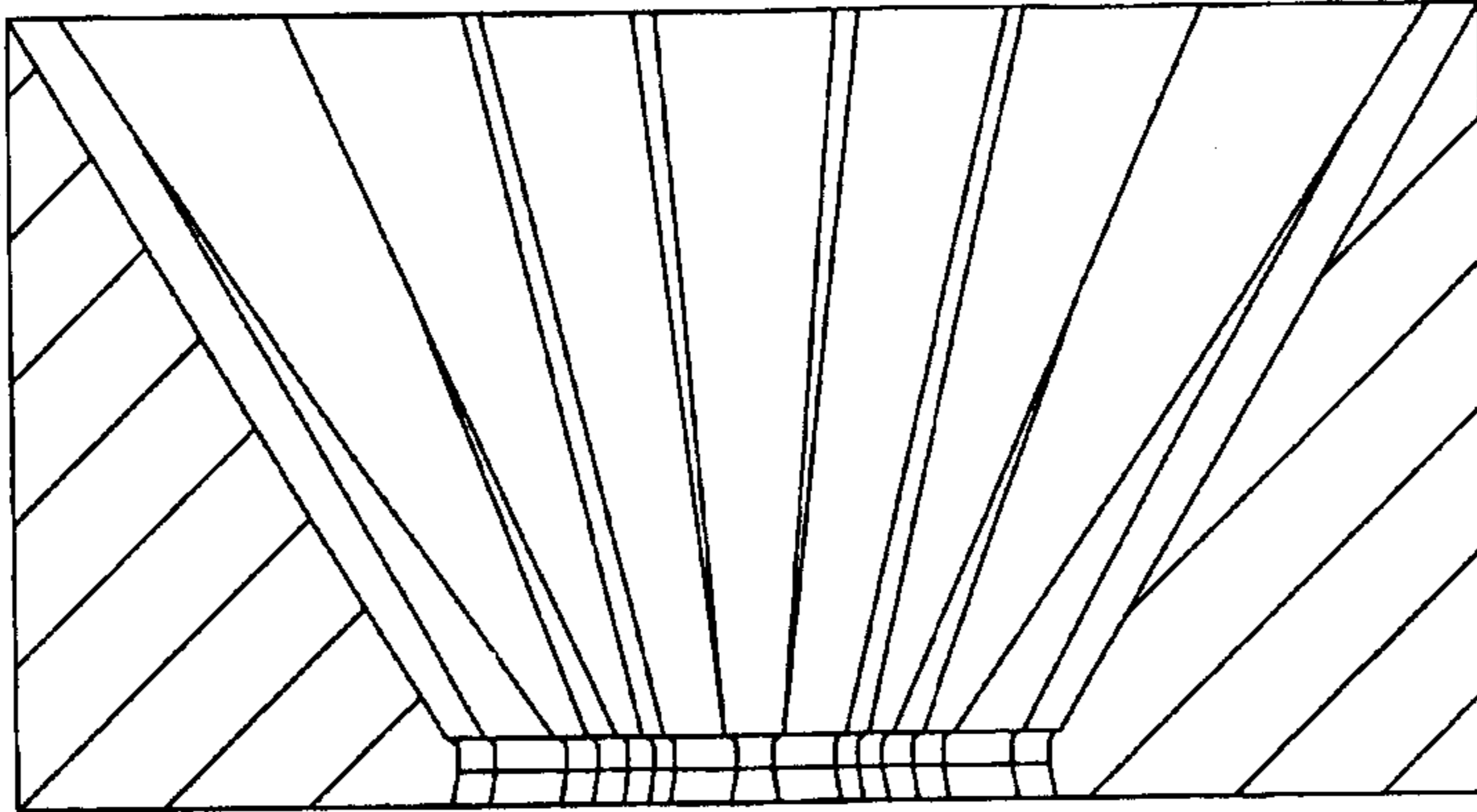


FIG. 8

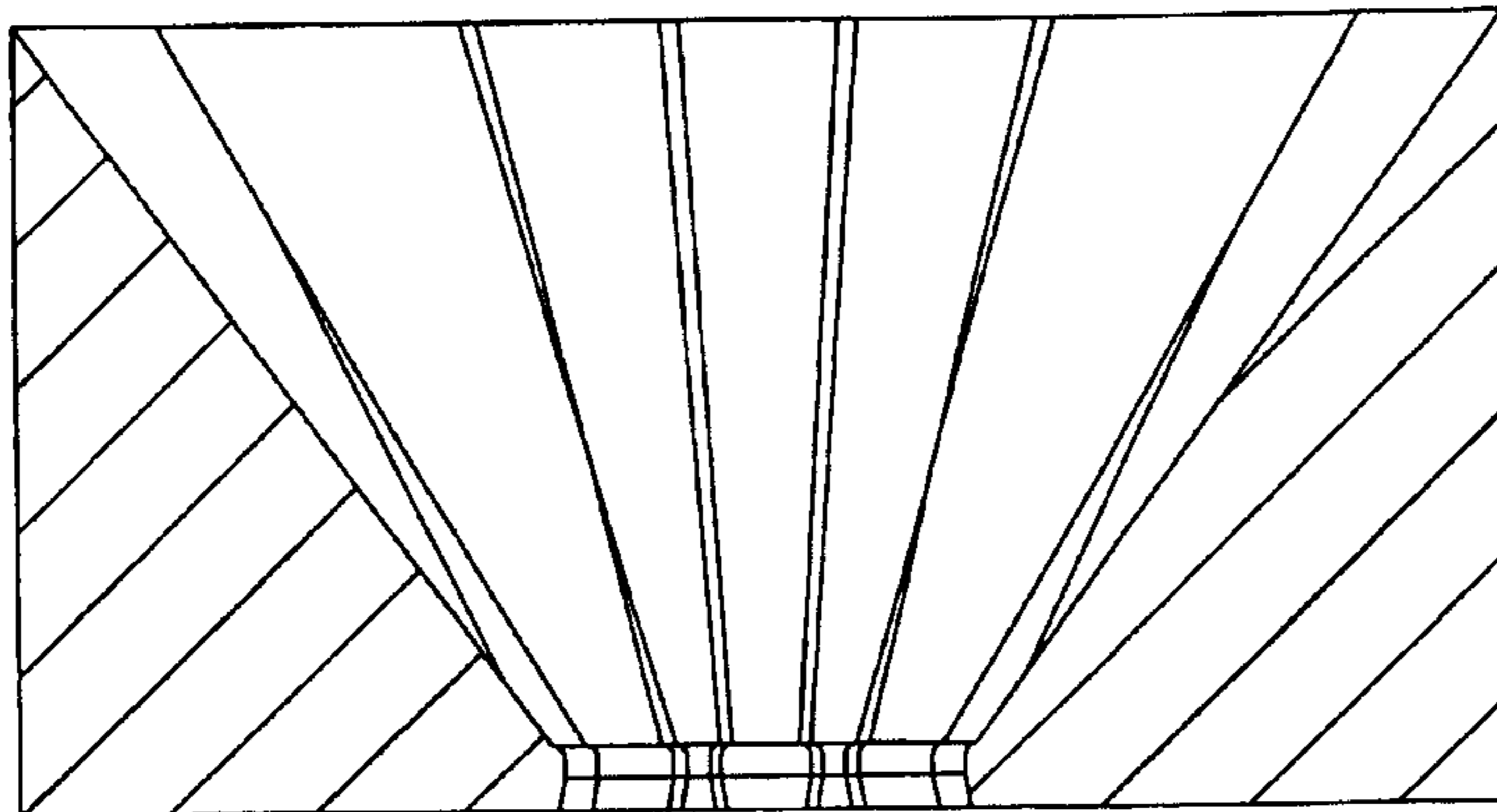


FIG. 9