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(12) **United States Design Patent** (10) **Patent No.:** **US D837,379 S**  
**Holley et al.** (45) **Date of Patent:** **\*\* Jan. 1, 2019**

(54) **VALVE MEMBRANE**  
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D382,943 S 8/1997 Doughty et al.  
6,371,117 B1 4/2002 Lindqvist et al.  
D470,226 S 2/2003 Herbert  
D585,968 S 2/2009 Elkins et al.  
D636,059 S 4/2011 Shorey et al.  
D688,372 S 8/2013 Matheny  
D694,408 S 11/2013 Matheny  
D701,944 S 4/2014 Kahn  
D718,862 S 12/2014 Matheny  
D739,499 S 9/2015 Shorey et al.  
D765,854 S 9/2016 Blain et al.

(Continued)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/649,491**

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**Related U.S. Application Data**

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(51) **LOC (11) Cl.** ..... **24-03**

(52) **U.S. Cl.**  
USPC ..... **D24/155**

(58) **Field of Classification Search**  
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137/859, 15.18, 2, 852, 511, 516.11, 244;  
D23/233, 249, 248, 259; 446/46;  
473/588; D24/155, 141; 606/194  
CPC ..... F16K 99/0015; F16K 2099/008; F16K  
31/0672; F16K 7/17; F16K 99/0001;  
F16K 27/0236; F16K 24/04; F16K 17/28  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,190,045 A 2/1980 Bartels  
D268,048 S 2/1983 Ueda  
4,454,893 A 6/1984 Orchard  
D290,640 S 6/1987 Andersson  
D316,292 S 4/1991 Baker  
5,201,492 A 4/1993 Beauvir  
5,535,987 A 7/1996 Wlodarczyk

**OTHER PUBLICATIONS**

International Search Report for International Application No. PCT/AU2017/050445, dated Aug. 22, 2017.

(Continued)

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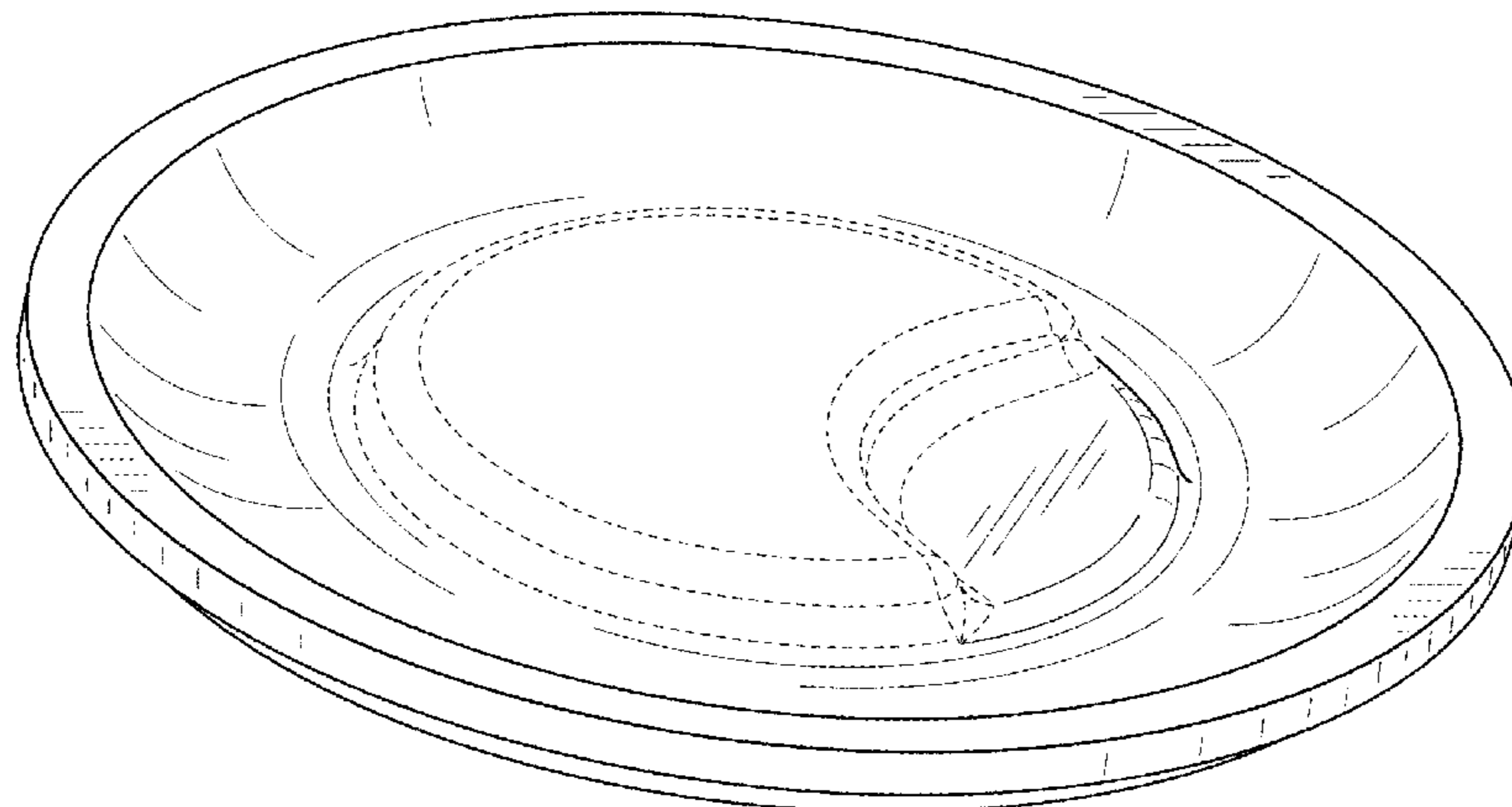
(57) **CLAIM**

The ornamental design for a valve membrane, as shown and described.

**DESCRIPTION**

FIG. 1 is a front top perspective view of a valve membrane according to our design;  
FIG. 2 is a front bottom perspective view thereof;  
FIG. 3 is a front elevational view thereof, the rear elevational view being a mirror image thereof;  
FIG. 4 is a right side elevational view thereof, the left side elevational view being a mirror image thereof;  
FIG. 5 is a top plan view thereof; and,  
FIG. 6 is a bottom plan view thereof.  
The broken lines shown in the drawings are for the purpose of illustrating environmental structure and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D783,167	S	4/2017	Falkenberg
D785,766	S	5/2017	Sato
D790,062	S	6/2017	Blain et al.
D790,705	S	6/2017	Matheny et al.
2015/0038046	A1	2/2015	Lindberg
2017/0284244	A1	10/2017	Bock et al.
2017/0319977	A1	11/2017	Barone

OTHER PUBLICATIONS

Prosthetic Valve. "Prosthetic Heart Valves". [www.circ.ahajournals.org](http://www.circ.ahajournals.org). Web, Mar. 5, 2018, Shown in p. 1 (2018).

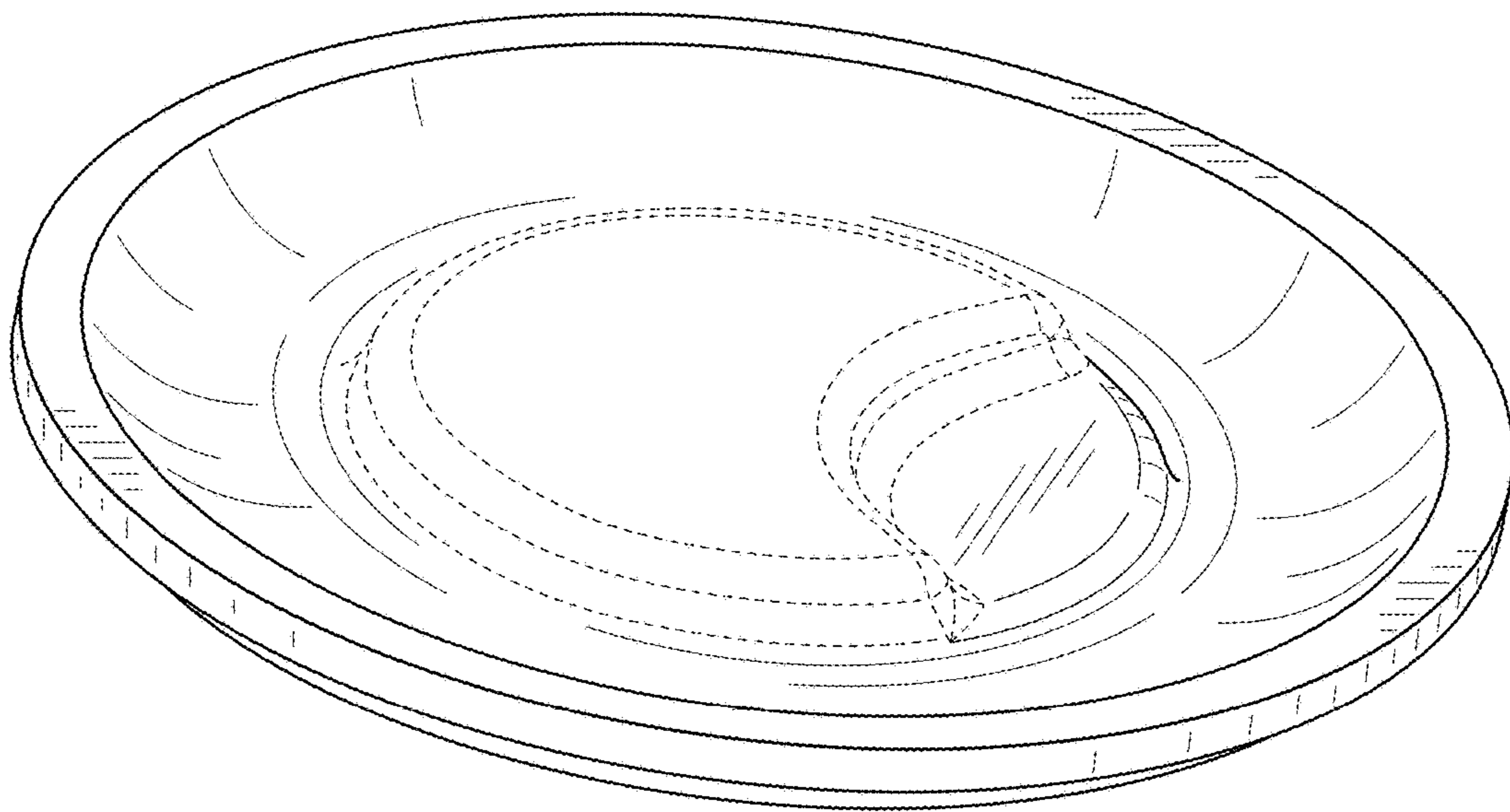


FIG. 1

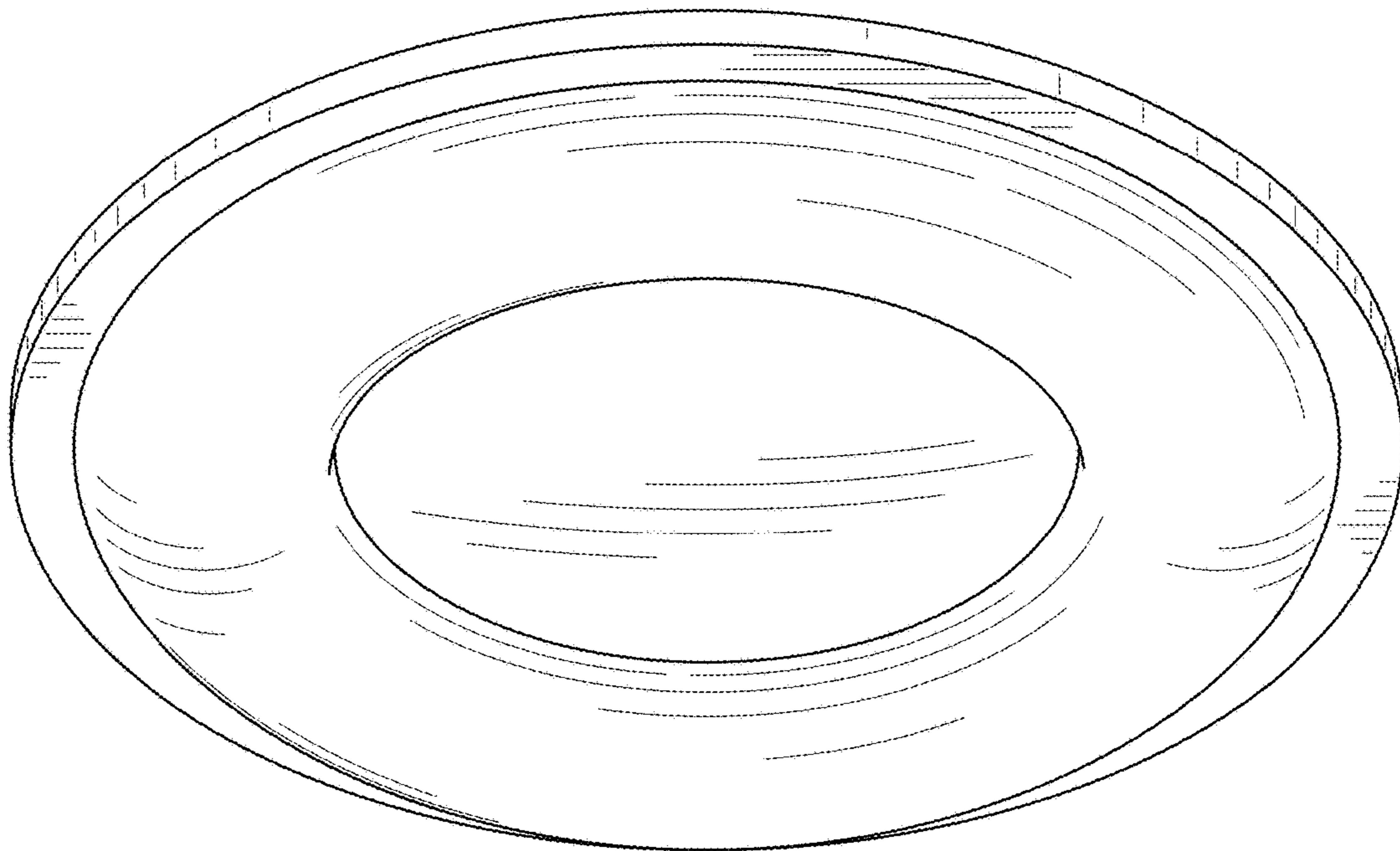


FIG. 2

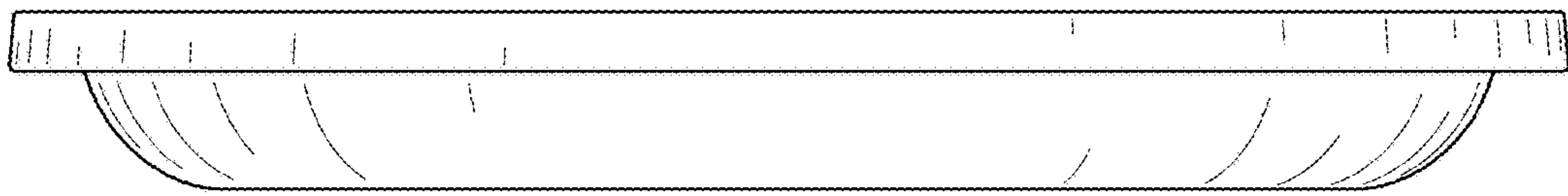


FIG. 3

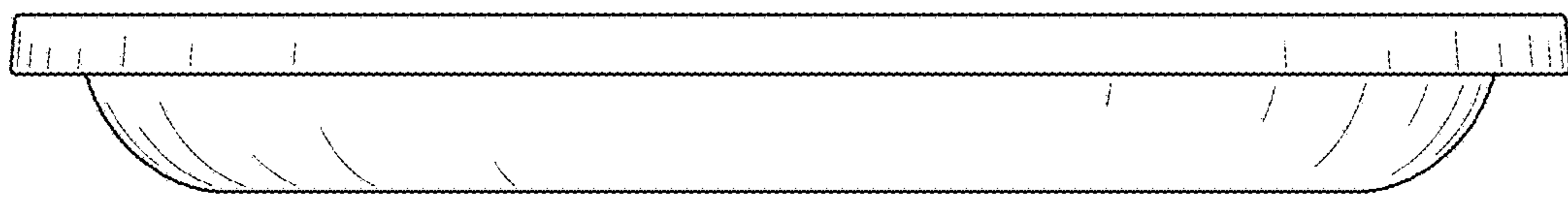


FIG. 4

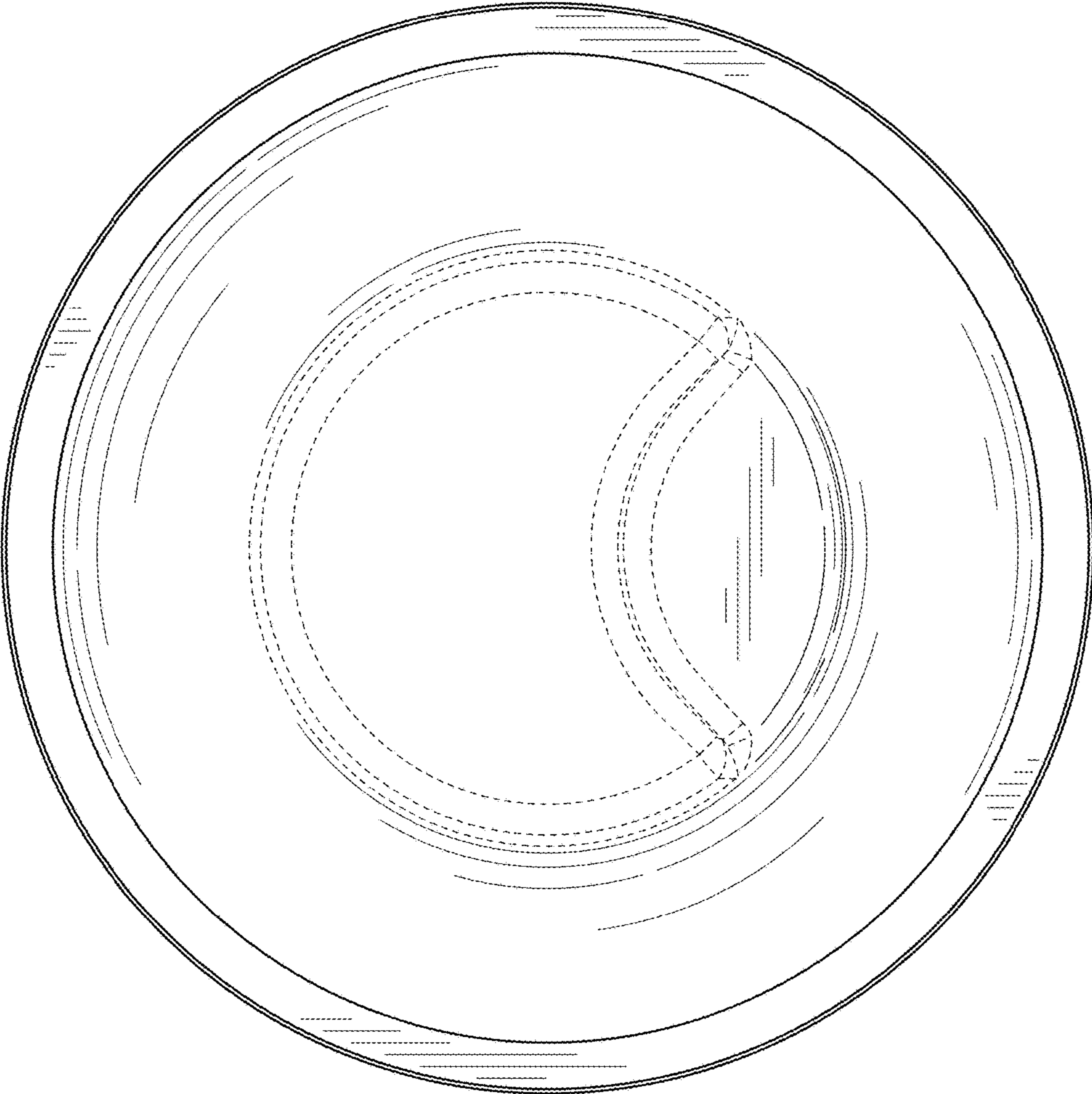


FIG. 5

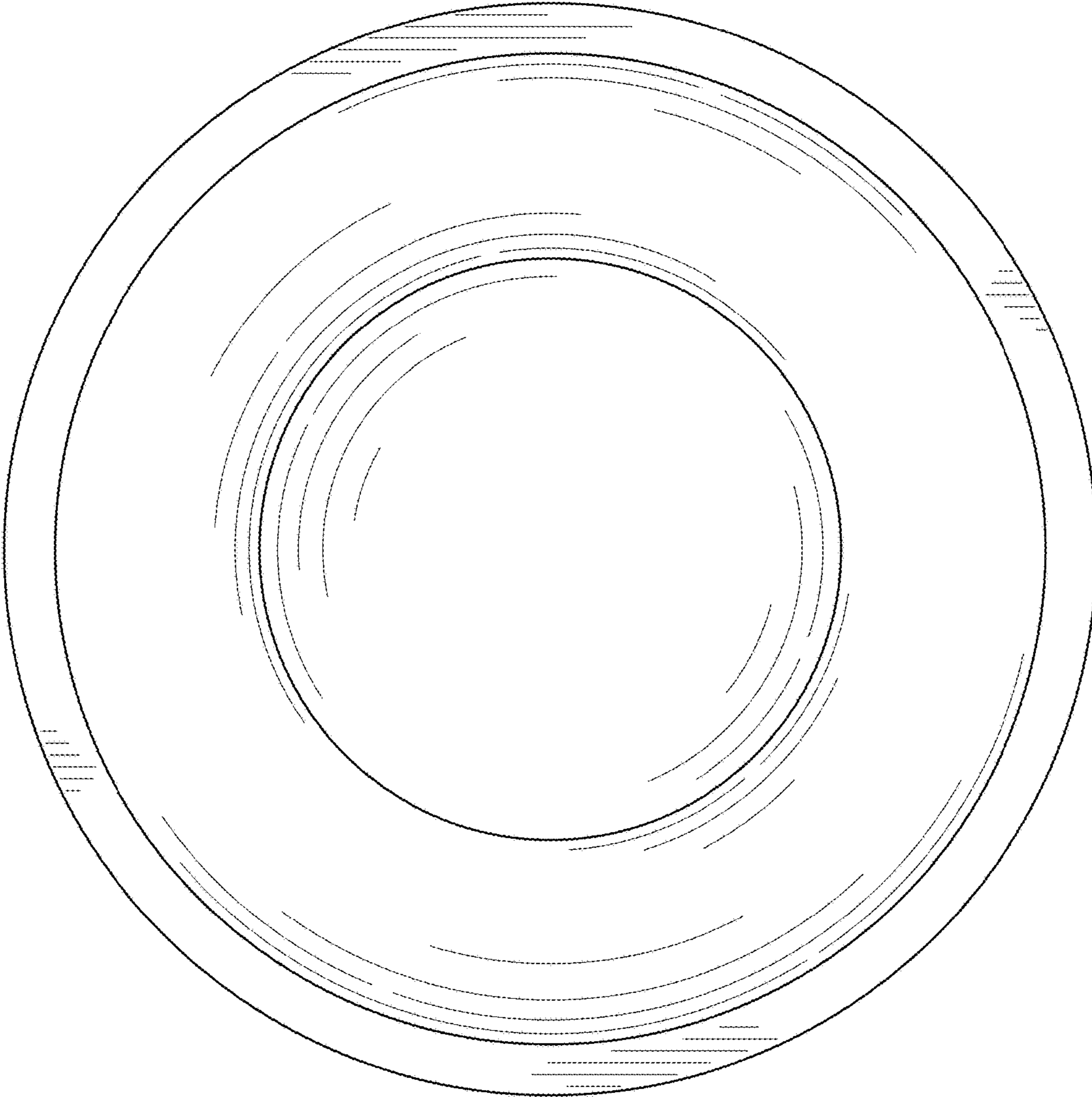


FIG. 6