



US00D835766S

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

(10) **Patent No.:** **US D835,766 S**

(45) **Date of Patent:** **** Dec. 11, 2018**

(54) **AIR PURIFIER**

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

(21) Appl. No.: **29/631,000**

(22) Filed: **Dec. 26, 2017**

(30) **Foreign Application Priority Data**

Nov. 10, 2017 (CN) 2017 3 0551580

(51) **LOC (11) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/364**

(58) **Field of Classification Search**
USPC D23/355-366, 352, 369, 332, 333, 335, D23/336, 342, 351; 422/120, 122; 55/356, 473, 504; 96/97; D14/188, 170, D14/172; 261/DIG. 17, DIG. 65, 261/DIG. 88, DIG. 31; D18/34.6
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D 47/027; B01D 2221/02; B01D 2259/4508; B03C 3/155; B03C 3/368; F24F 3/16; F24F 13/20; F24F 13/28; F24F 3/1405; F24F 3/1603; F24F 13/222
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D226,914 S * 5/1973 Hoyle D23/352
D274,353 S * 6/1984 Hoyle D23/352

D355,962 S * 2/1995 Chiu D23/364
D539,882 S * 4/2007 Li D23/352
D574,072 S * 7/2008 Carlson D23/364
D659,819 S * 5/2012 Edwards D24/110
D682,406 S * 5/2013 Yeom D23/356
8,496,737 B2 * 7/2013 Kim B01D 53/72
55/318
D691,253 S * 10/2013 Chen D23/366
D705,410 S * 5/2014 Terao D23/364
D716,427 S * 10/2014 Lim D23/364
D716,432 S * 10/2014 Viala A61L 9/03
D23/366
D755,942 S * 5/2016 Kim D23/364
D768,834 S * 10/2016 Schuller D23/366
D788,897 S * 6/2017 Lee D23/356
D794,170 S * 8/2017 Lopez D23/332
D798,430 S * 9/2017 Nord D23/364
D799,016 S * 10/2017 Su D23/364
D801,505 S * 10/2017 Yin D23/364
D804,002 S * 11/2017 Huang D23/364

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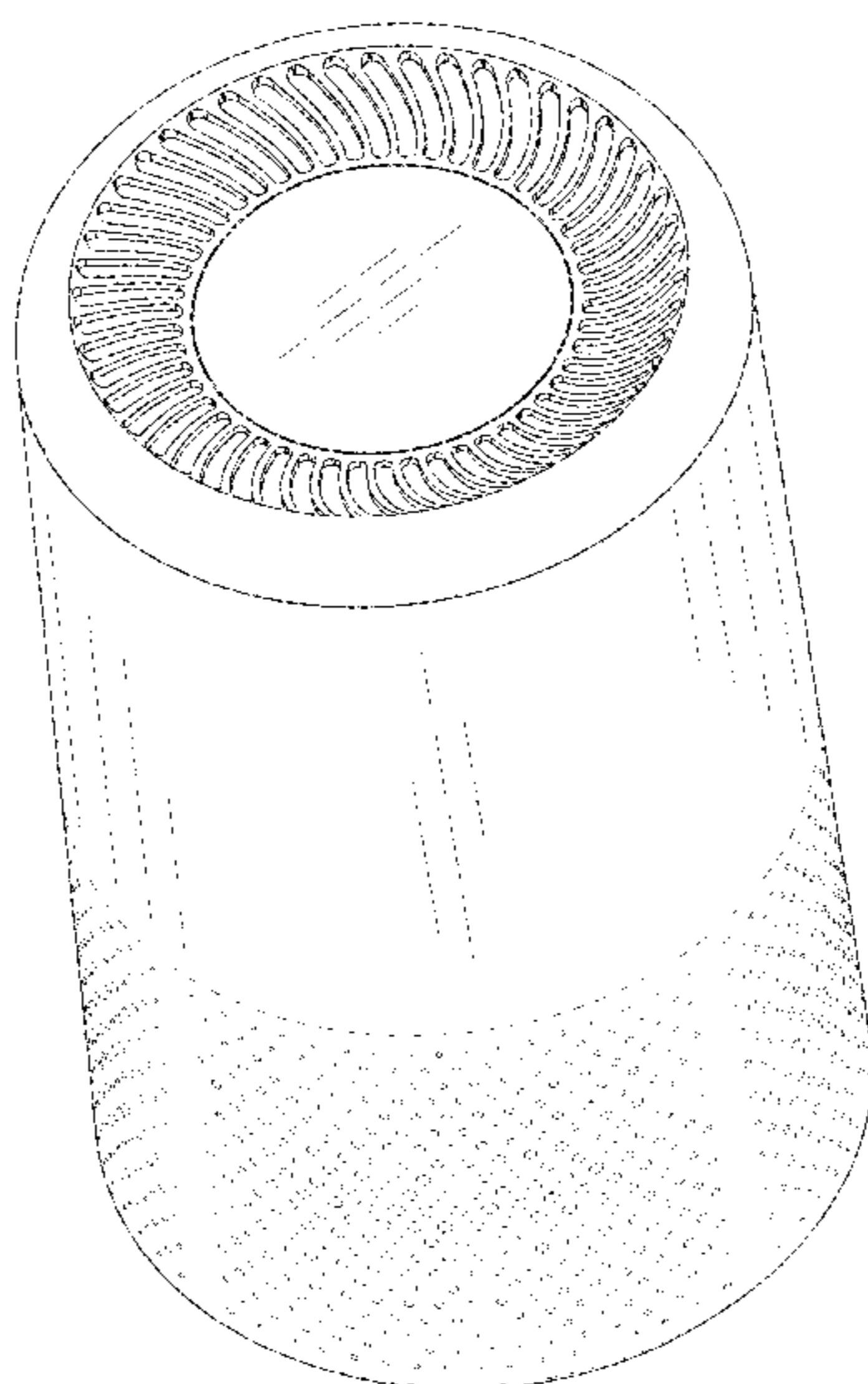
(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an air purifier showing my new design;
FIG. 2 is a front elevational view thereof, the rear elevational, left side elevational, and right side elevational views being identical thereto;
FIG. 3 is a top plan view thereof; and,
FIG. 4 is a bottom plan view thereof.
The broken lines illustrate portions of the air purifier which form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D805,622	S	*	12/2017	Lee	.....	D23/364
D810,905	S	*	2/2018	Yoon	.....	D23/364
D818,097	S	*	5/2018	Cho	.....	D23/364
D818,098	S	*	5/2018	Cho	.....	D23/364
D818,099	S	*	5/2018	Cho	.....	D23/364
2017/0138616	A1	*	5/2017	Wang	.....	F24F 1/02

* cited by examiner

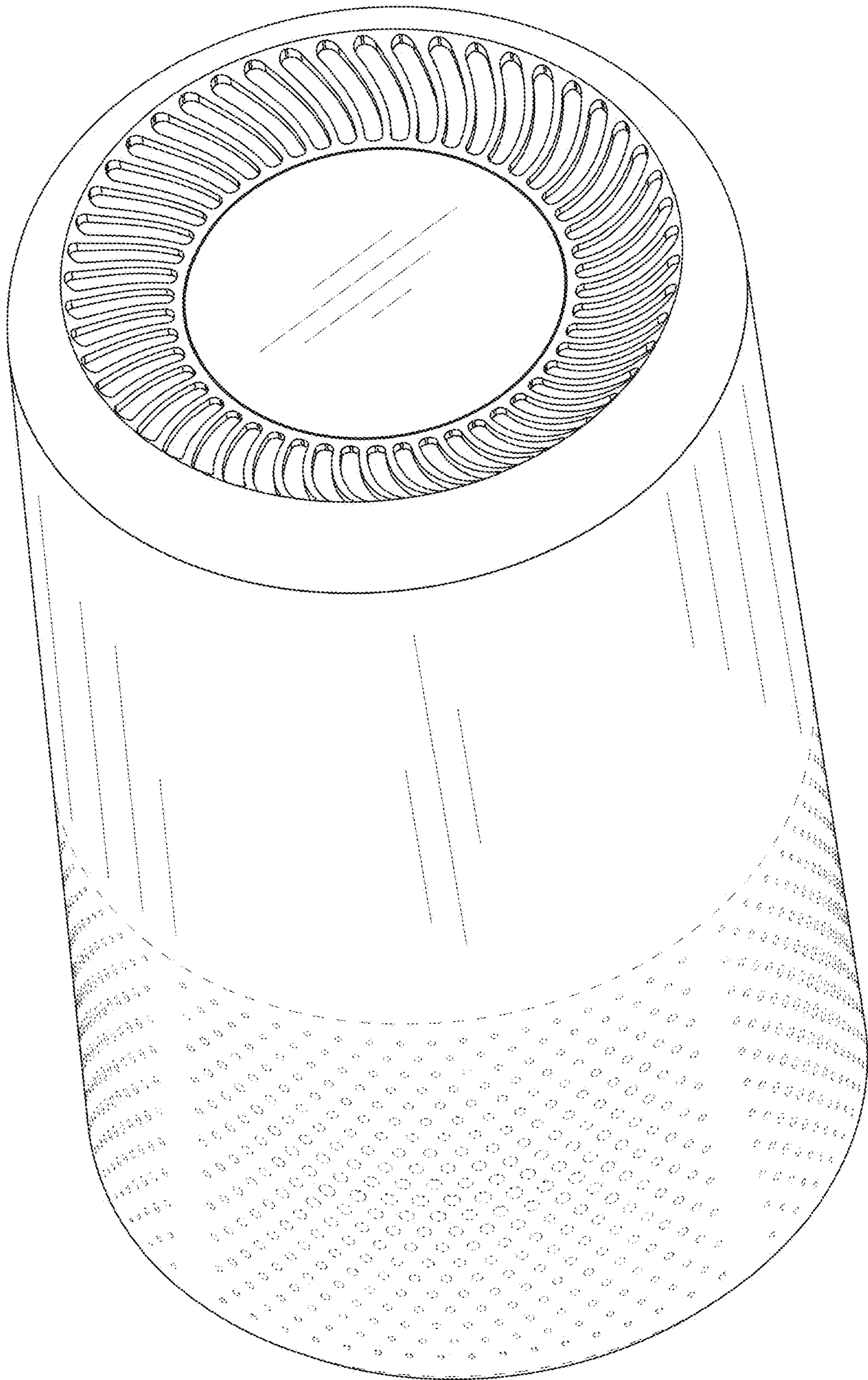


FIG. 1

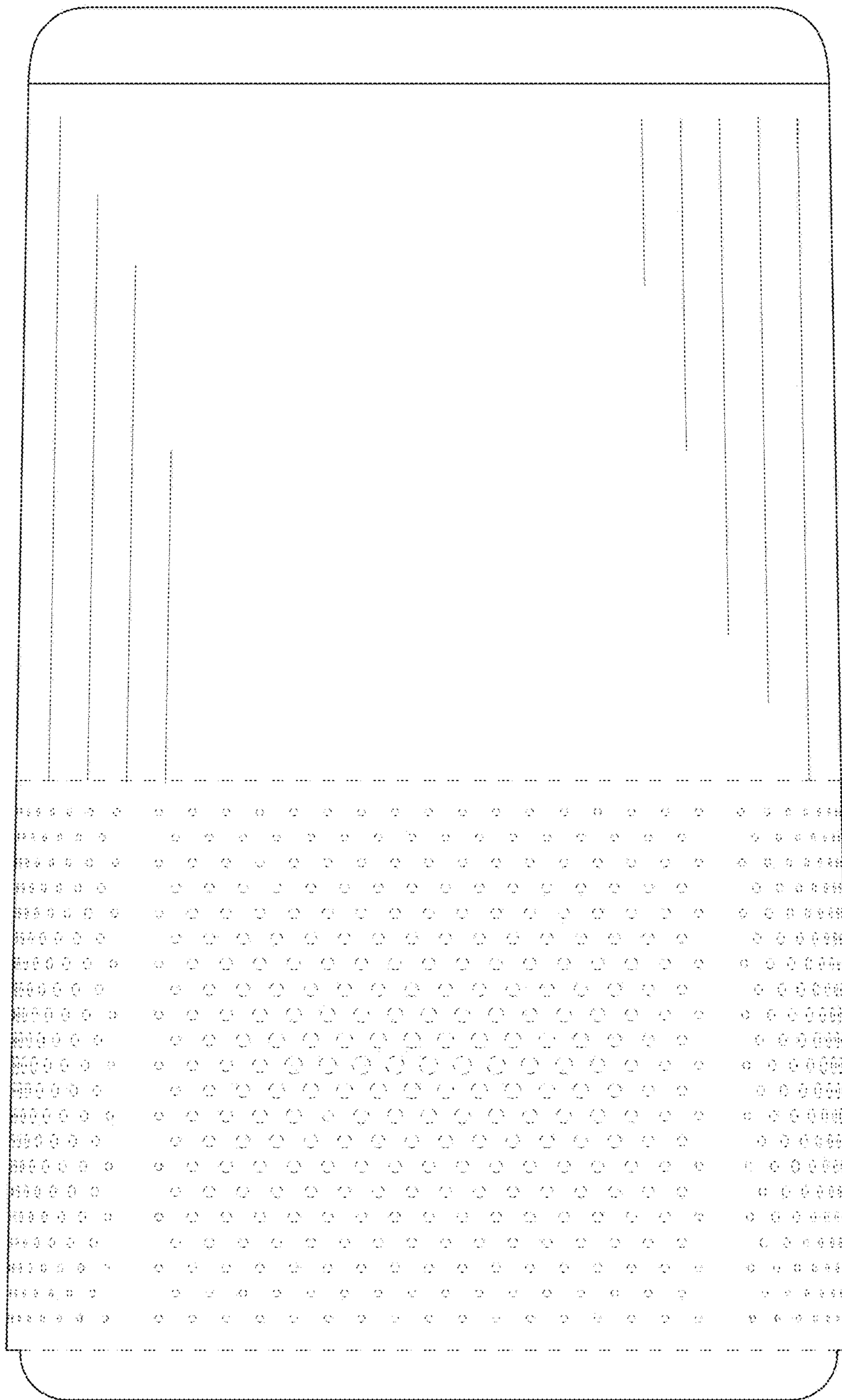


FIG. 2

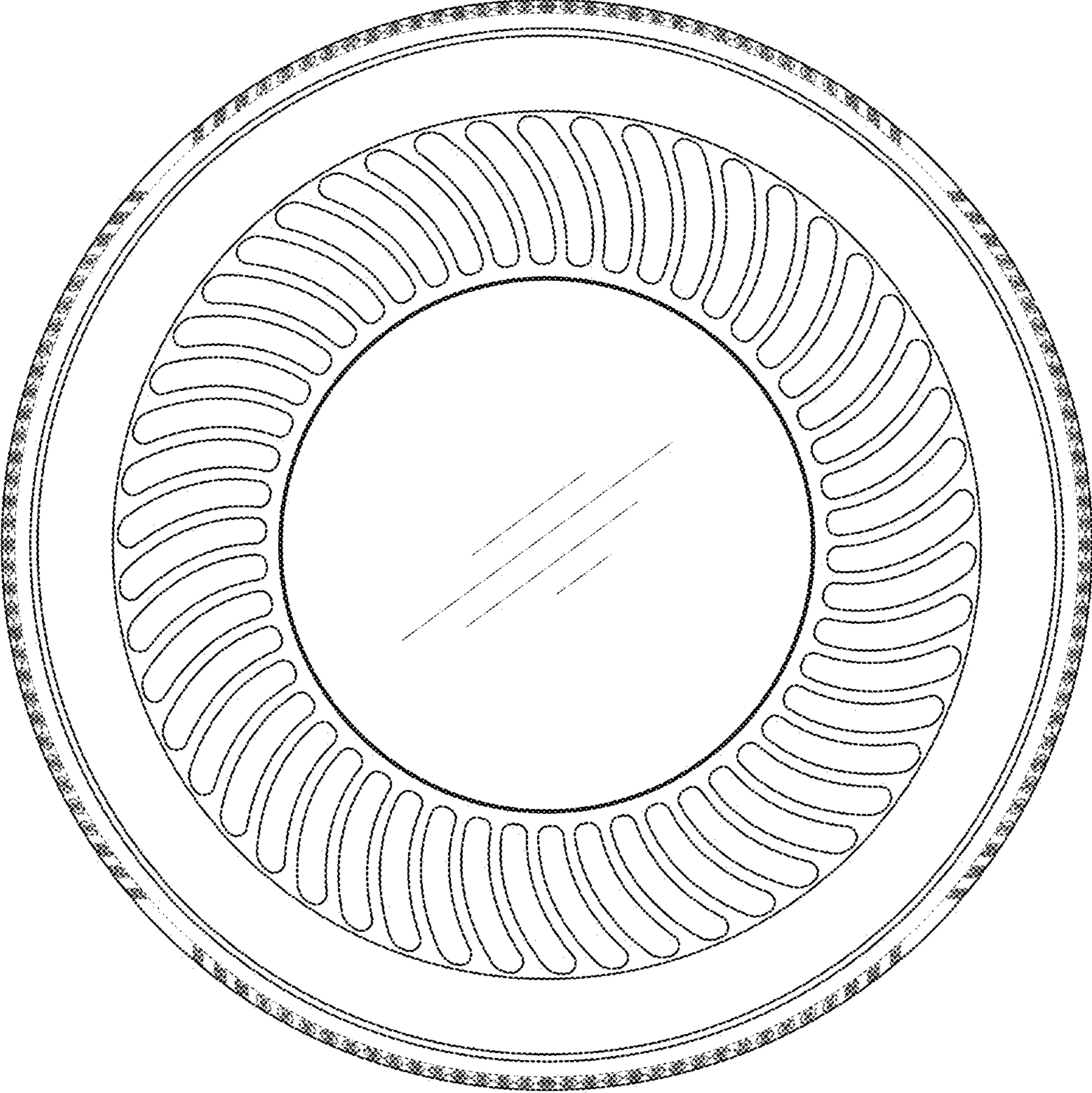


FIG. 3

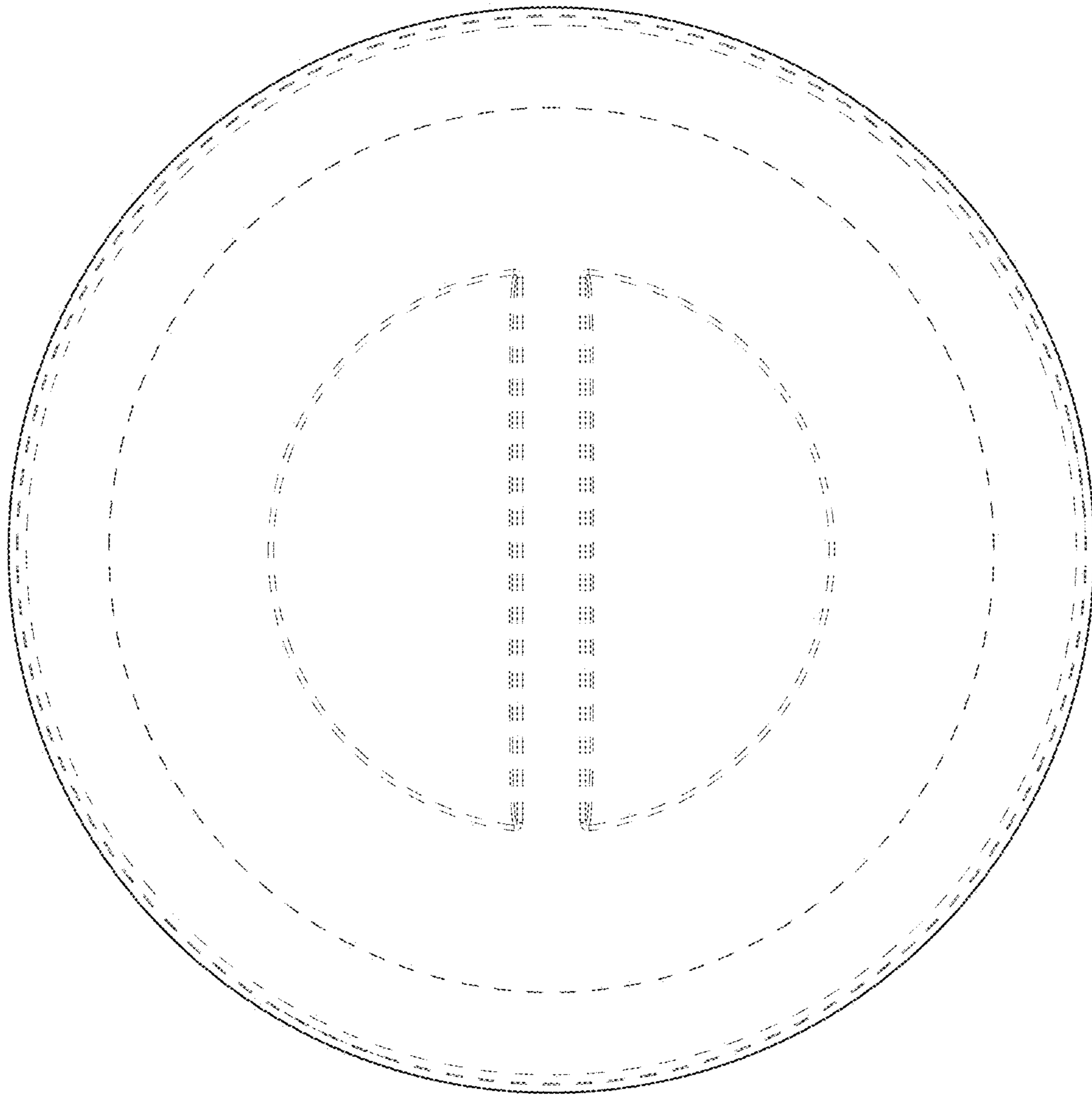


FIG. 4