



US00D835766S

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

(10) **Patent No.:** **US D835,766 S**  
(45) **Date of Patent:** **\*\* Dec. 11, 2018**

(54) **AIR PURIFIER**

(71) Applicant: **XIAMEN AIRPPLE ELECTRONIC INDUSTRY CO., LTD.**, Xiamen Fity, Fujian (CN)

(72) Inventor: **Jueyuan Chen**, Xiamen (CN)

(73) Assignee: **XIAMEN AIRPPLE ELECTRONIC INDUSTRY CO., LTD.**, Xiamen, Fujian (CN)

(\*\*) 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

(Continued)

*Primary Examiner* — David Muller

*Assistant Examiner* — Nathan Johnston

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

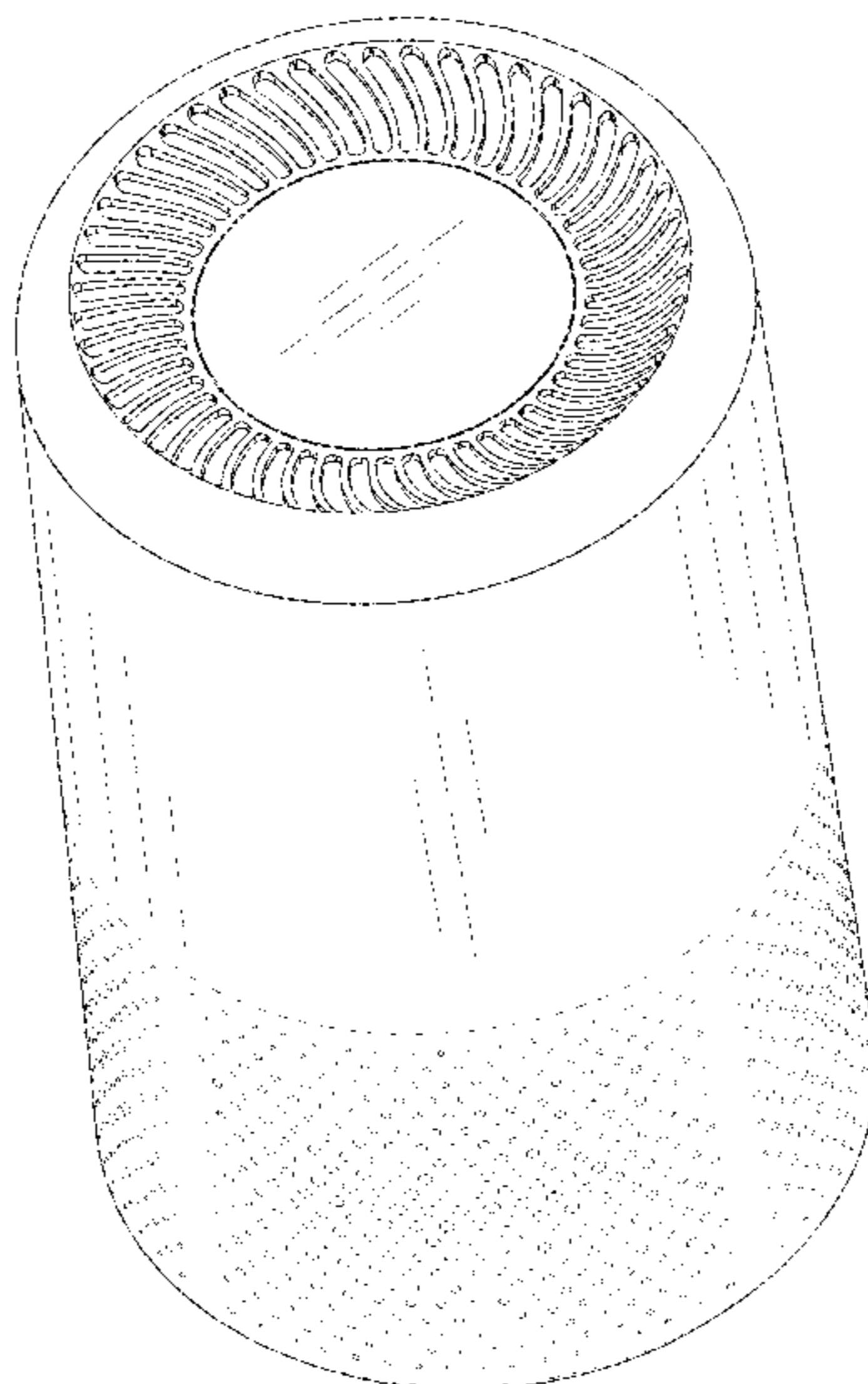
(57) **CLAIM**

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

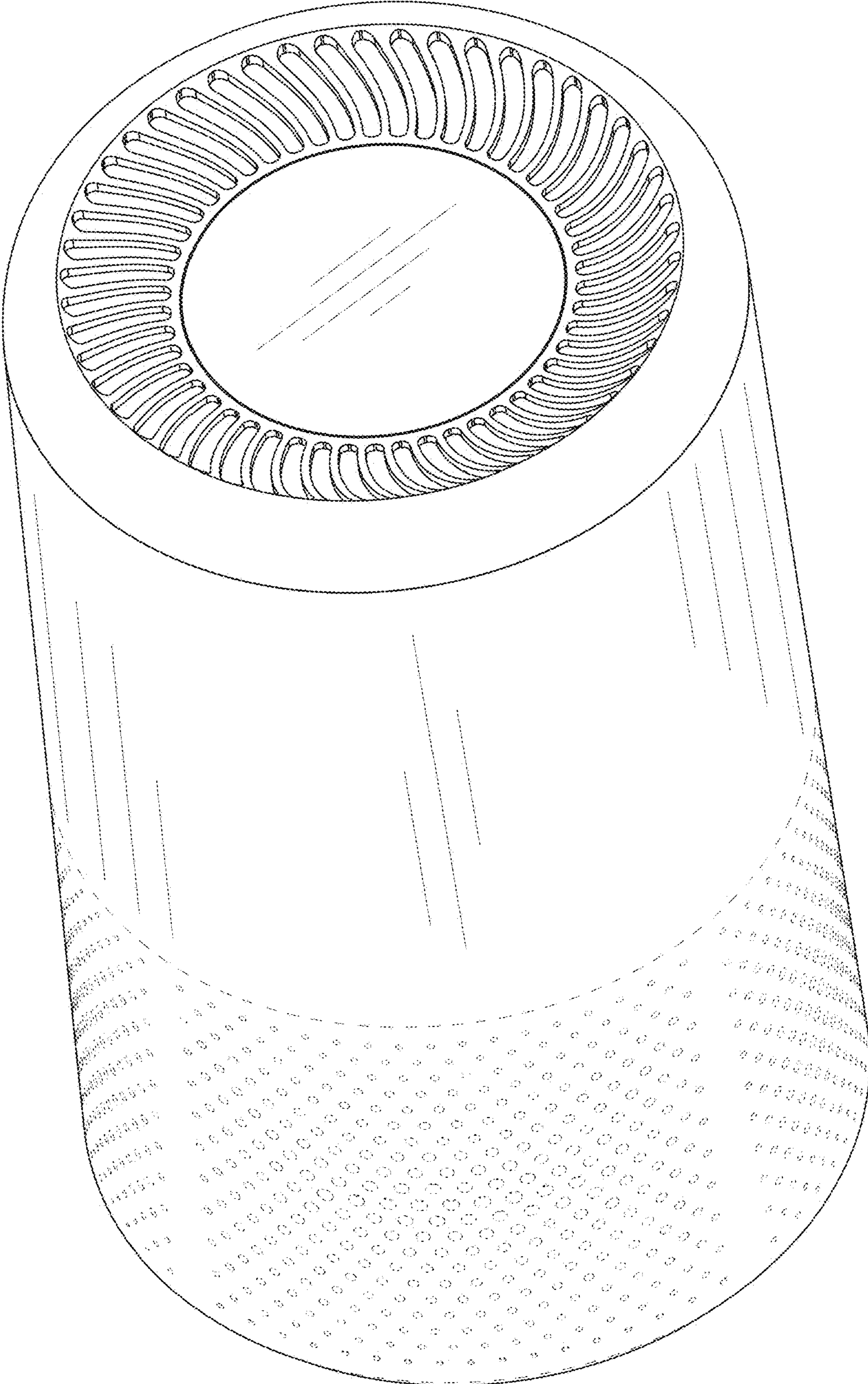


FIG. 1

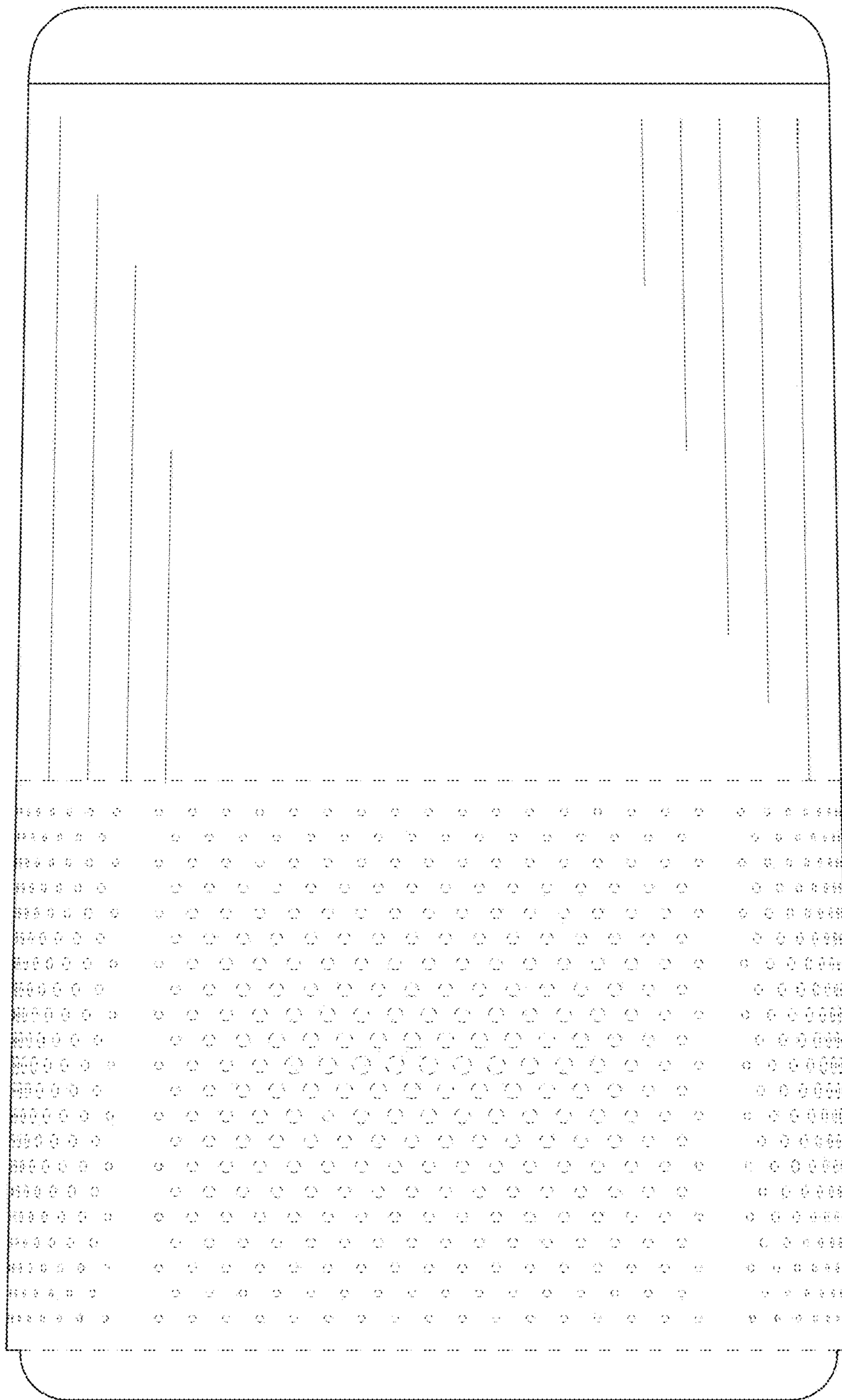


FIG. 2



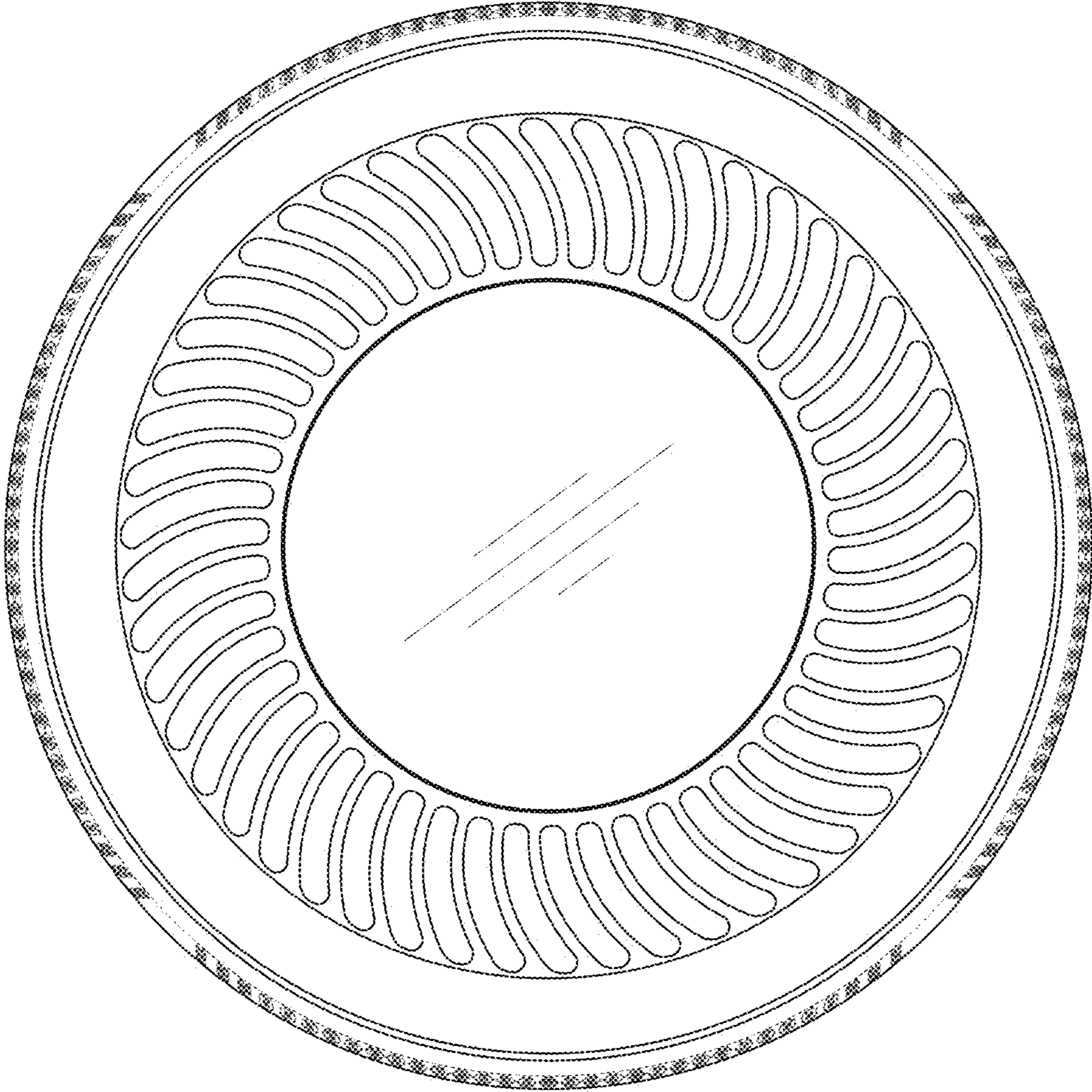


FIG. 3

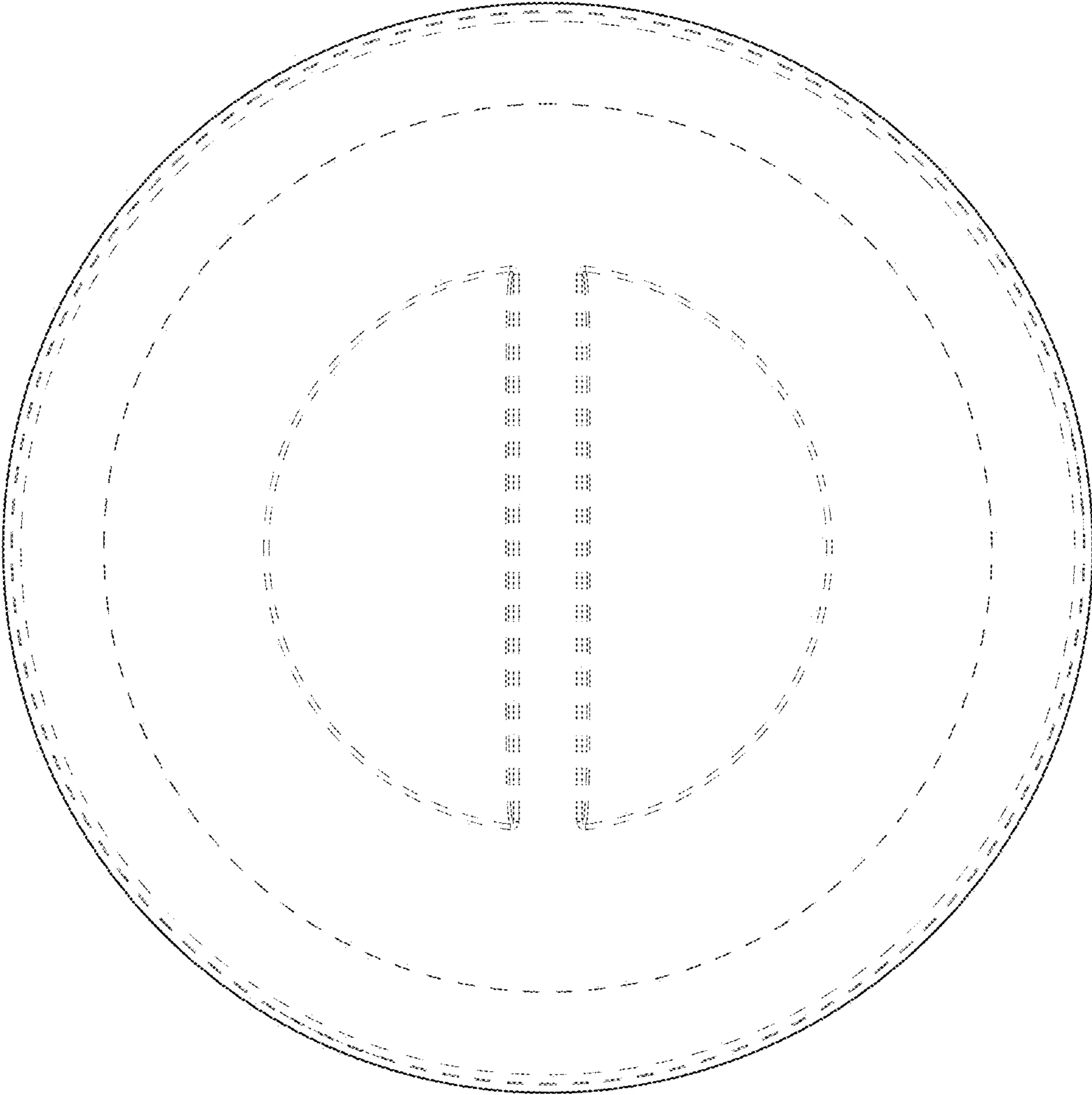


FIG. 4