



US00D935591S

(12) **United States Design Patent** (10) **Patent No.:** **US D935,591 S**  
**Xu** (45) **Date of Patent:** **\*\* Nov. 9, 2021**

(54) **CAR AIR PURIFIER**  
(71) Applicant: **Tongdi Xu**, Shenzhen (CN)  
(72) Inventor: **Tongdi Xu**, Shenzhen (CN)  
(73) Assignee: **Shenzhen Pioneer Technology co., Ltd.**, Shenzhen (CN)  
(\*\*) Term: **15 Years**

D886,272 S \* 6/2020 Yang ..... D23/364  
D886,975 S \* 6/2020 Yang ..... D23/364  
D888,919 S \* 6/2020 Riering-Czekalla ..... D23/364  
D888,923 S \* 6/2020 Zhong ..... D23/364  
D905,220 S \* 12/2020 Farone ..... D23/364  
D906,501 S \* 12/2020 Lim ..... D23/364  
D912,795 S \* 3/2021 Wang ..... D23/364  
D916,262 S \* 4/2021 Wang ..... D23/356  
D916,265 S \* 4/2021 Jung ..... D23/364  
D918,371 S \* 5/2021 Zeng ..... D23/364  
D919,071 S \* 5/2021 Zheng ..... D23/364

(21) Appl. No.: **29/732,980**  
(22) Filed: **Apr. 29, 2020**  
(51) **LOC (13) 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; 261/DIG. 17,  
261/DIG. 65, DIG. 88, DIG. 31  
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  
See application file for complete search history.

\* cited by examiner

*Primary Examiner* — David G Muller

(57) **CLAIM**

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

**DESCRIPTION**

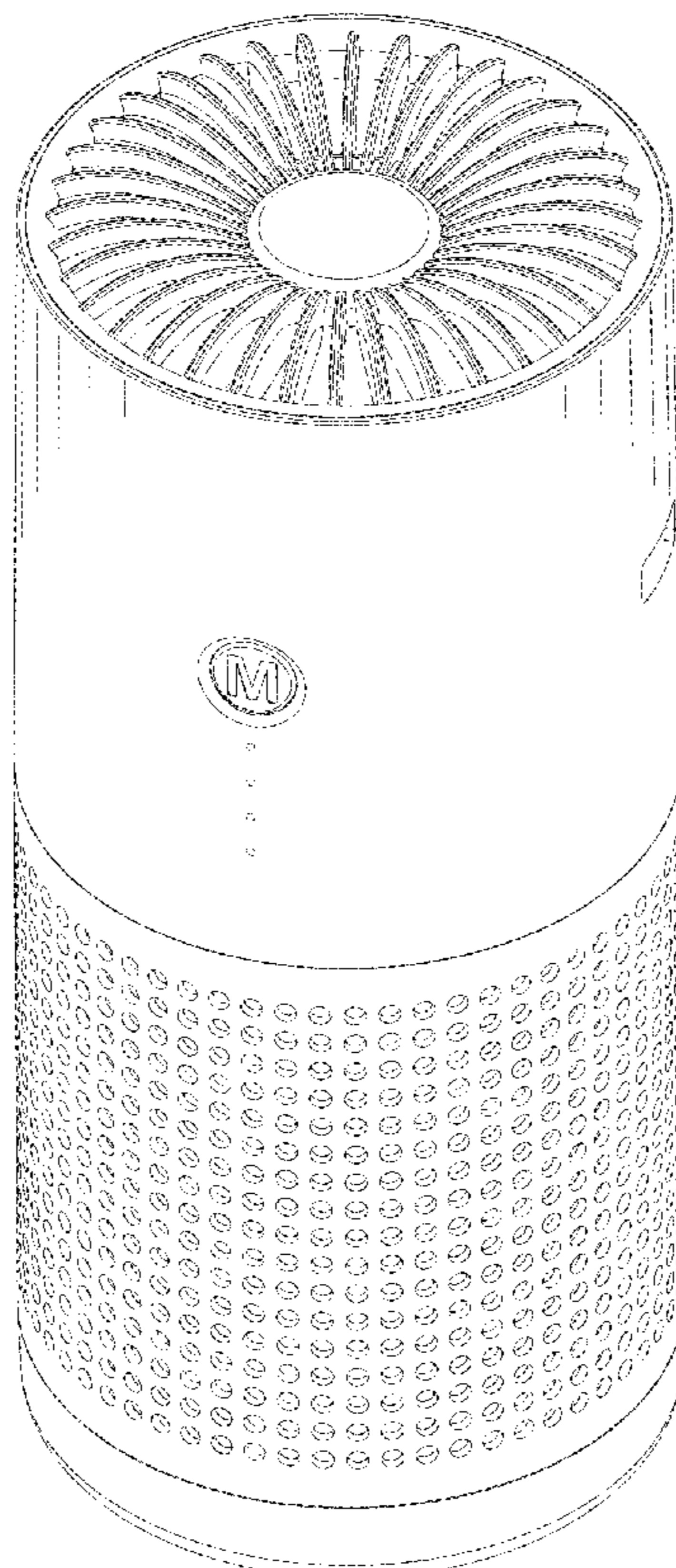
FIG. 1 is a front, top perspective view of the car air purifier showing my new design;  
FIG. 2 is a rear, bottom perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.  
The broken lines of the figures depict the portions of the car air purifier that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D865,149 S \* 10/2019 Lin ..... D23/364  
D882,056 S \* 4/2020 Baillie ..... D23/364

**1 Claim, 8 Drawing Sheets**



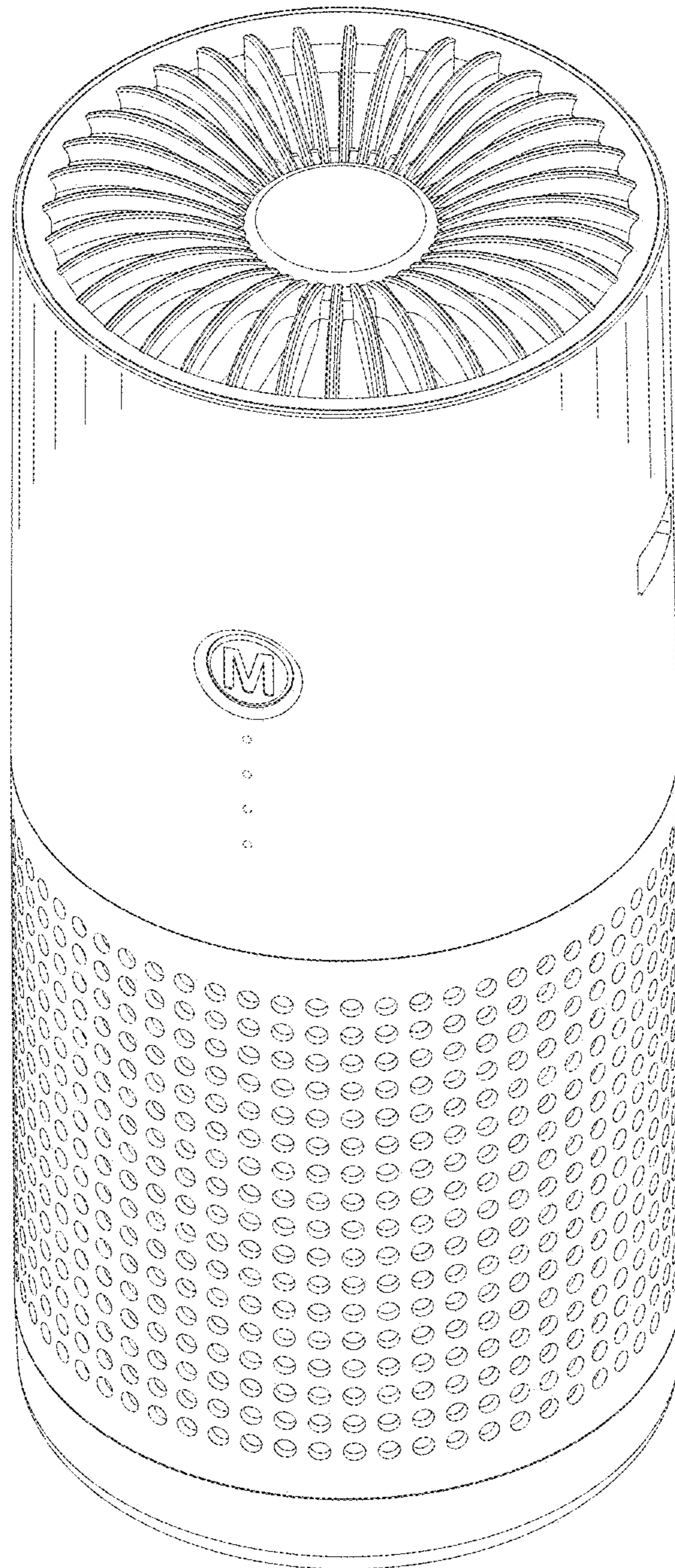


FIG. 1

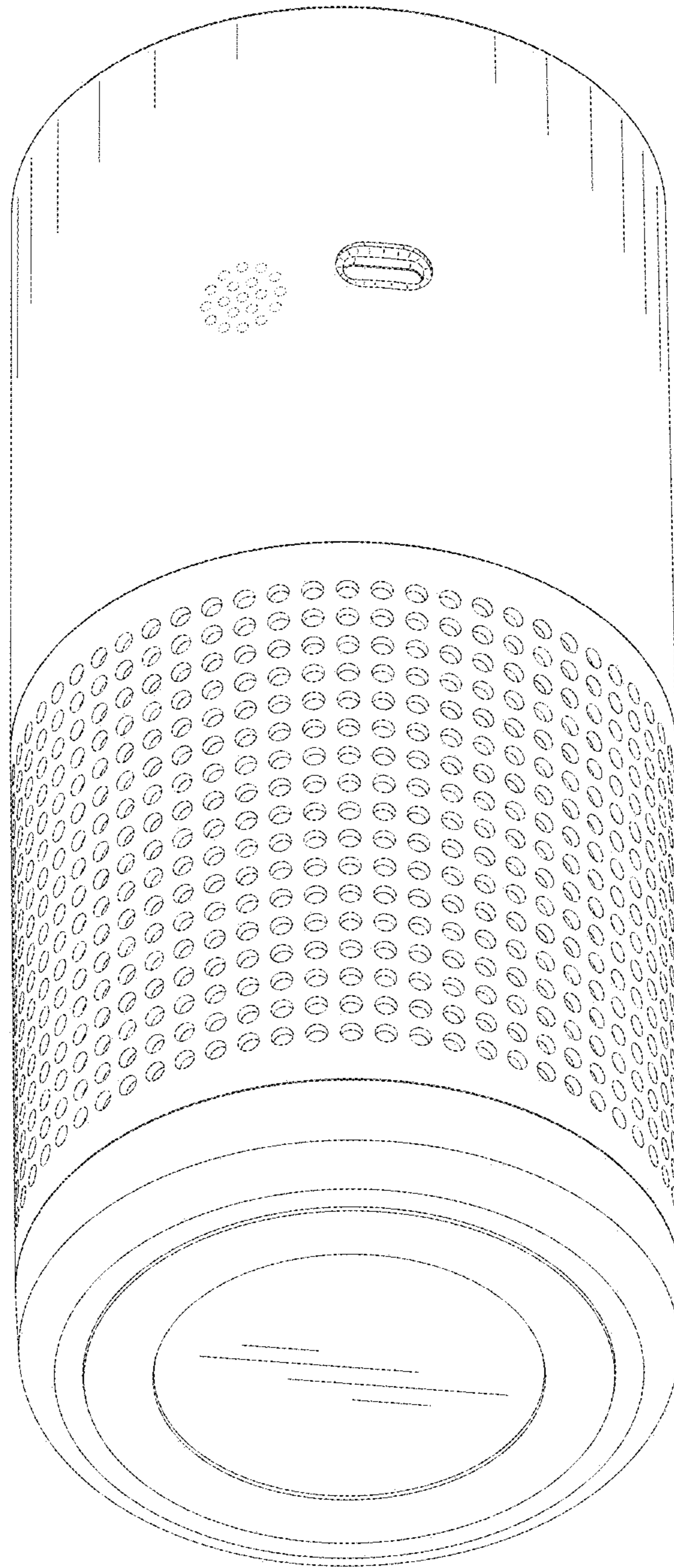


FIG. 2

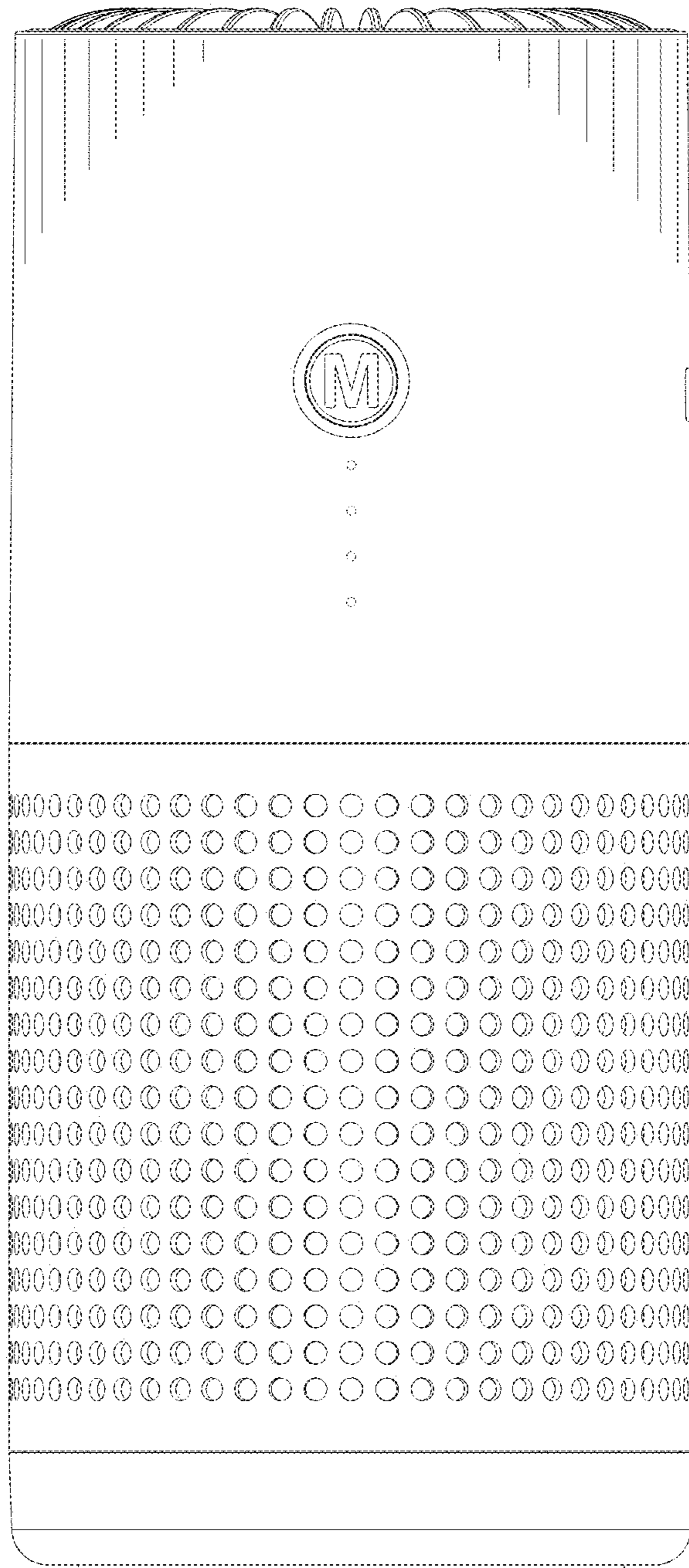


FIG. 3

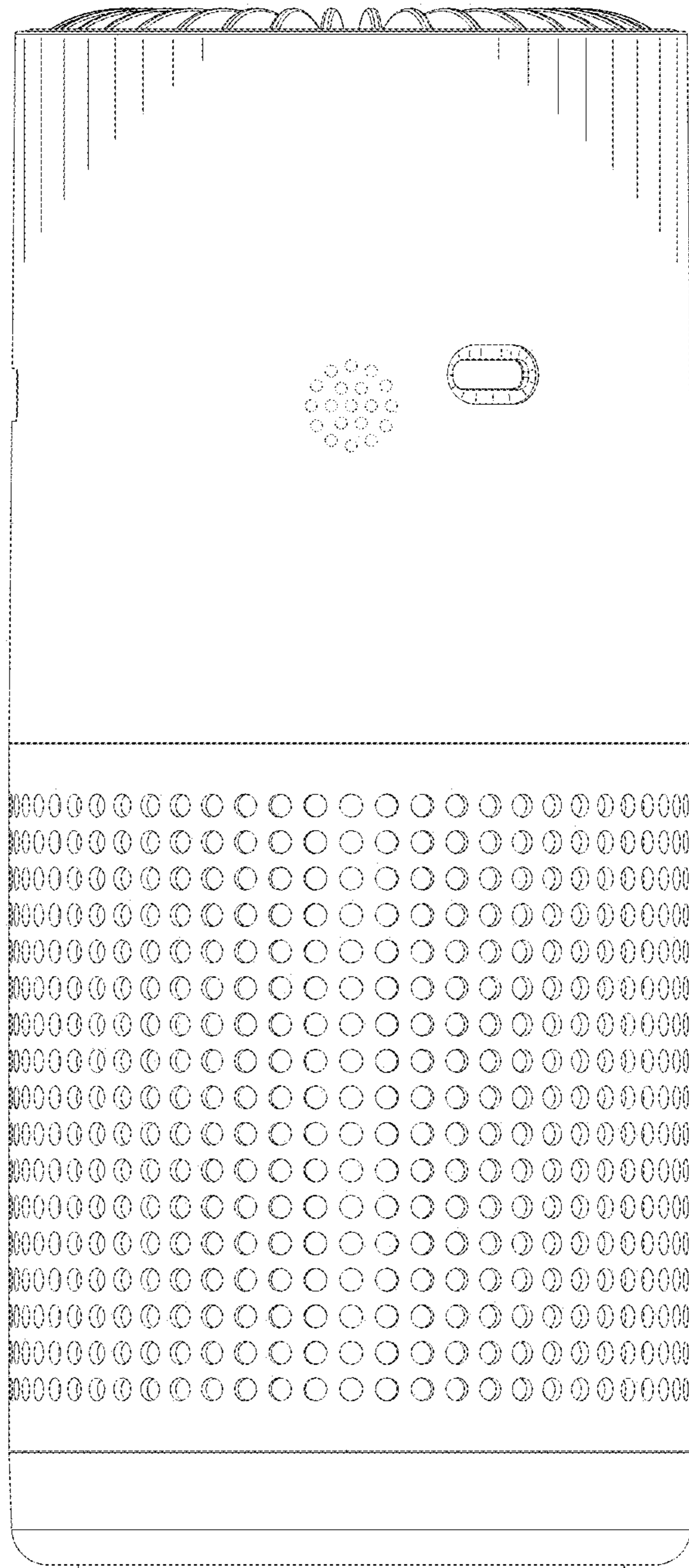


FIG. 4

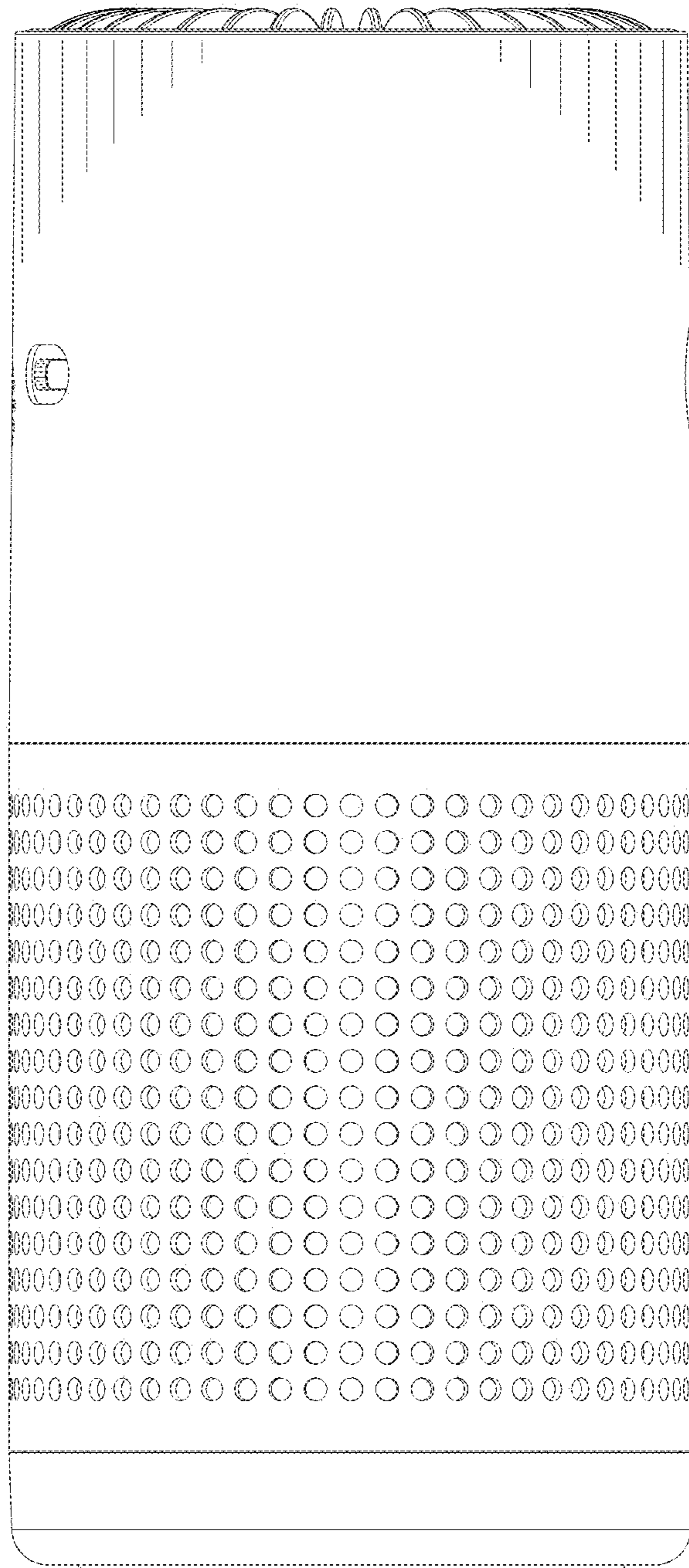


FIG. 5

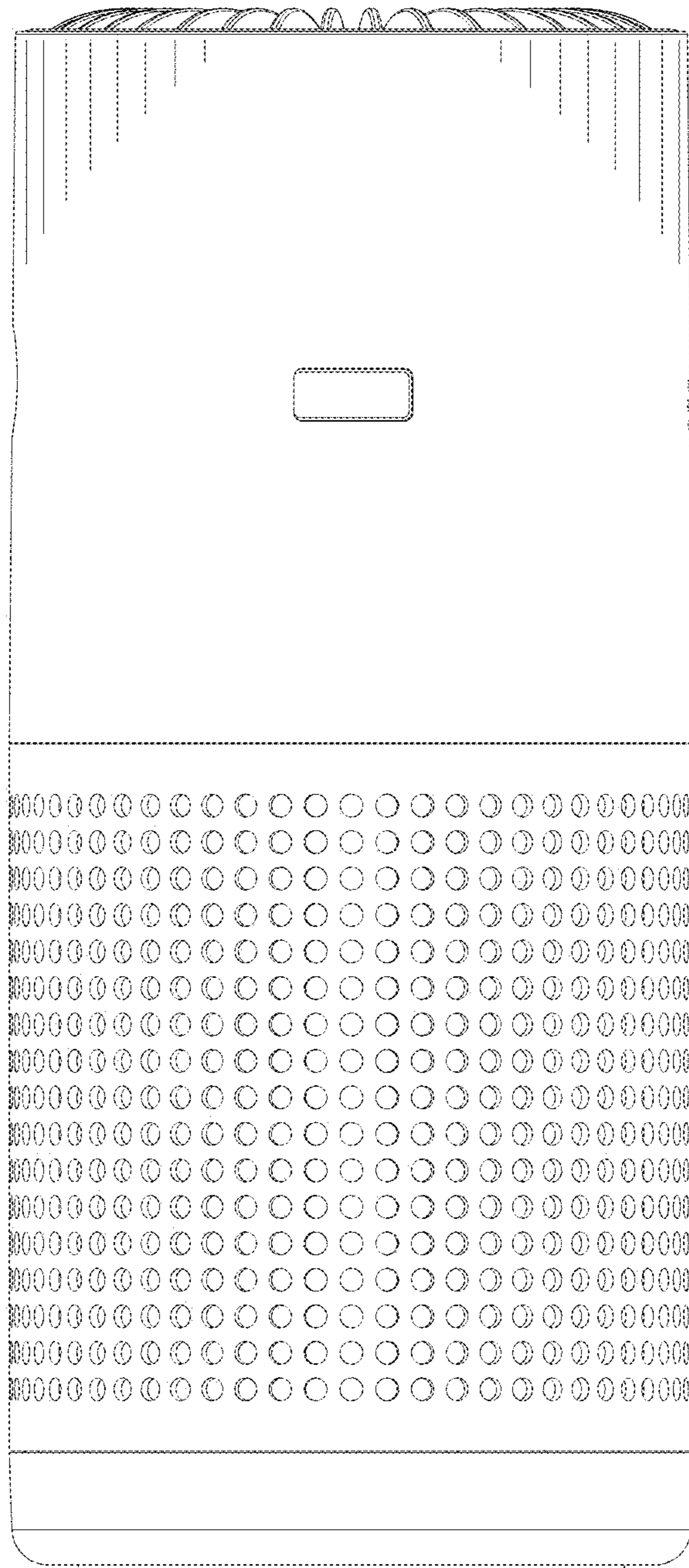


FIG. 6

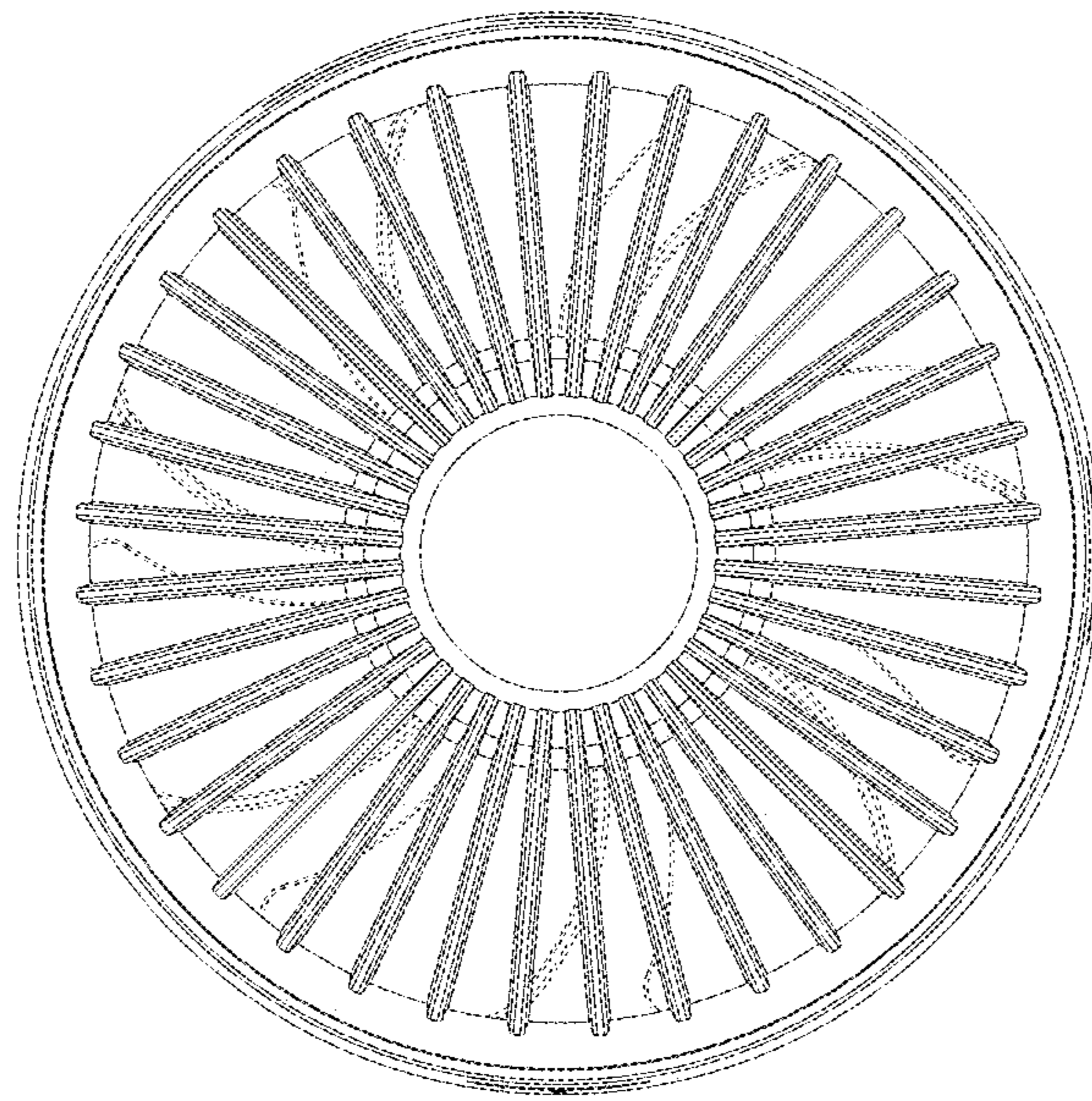


FIG. 7



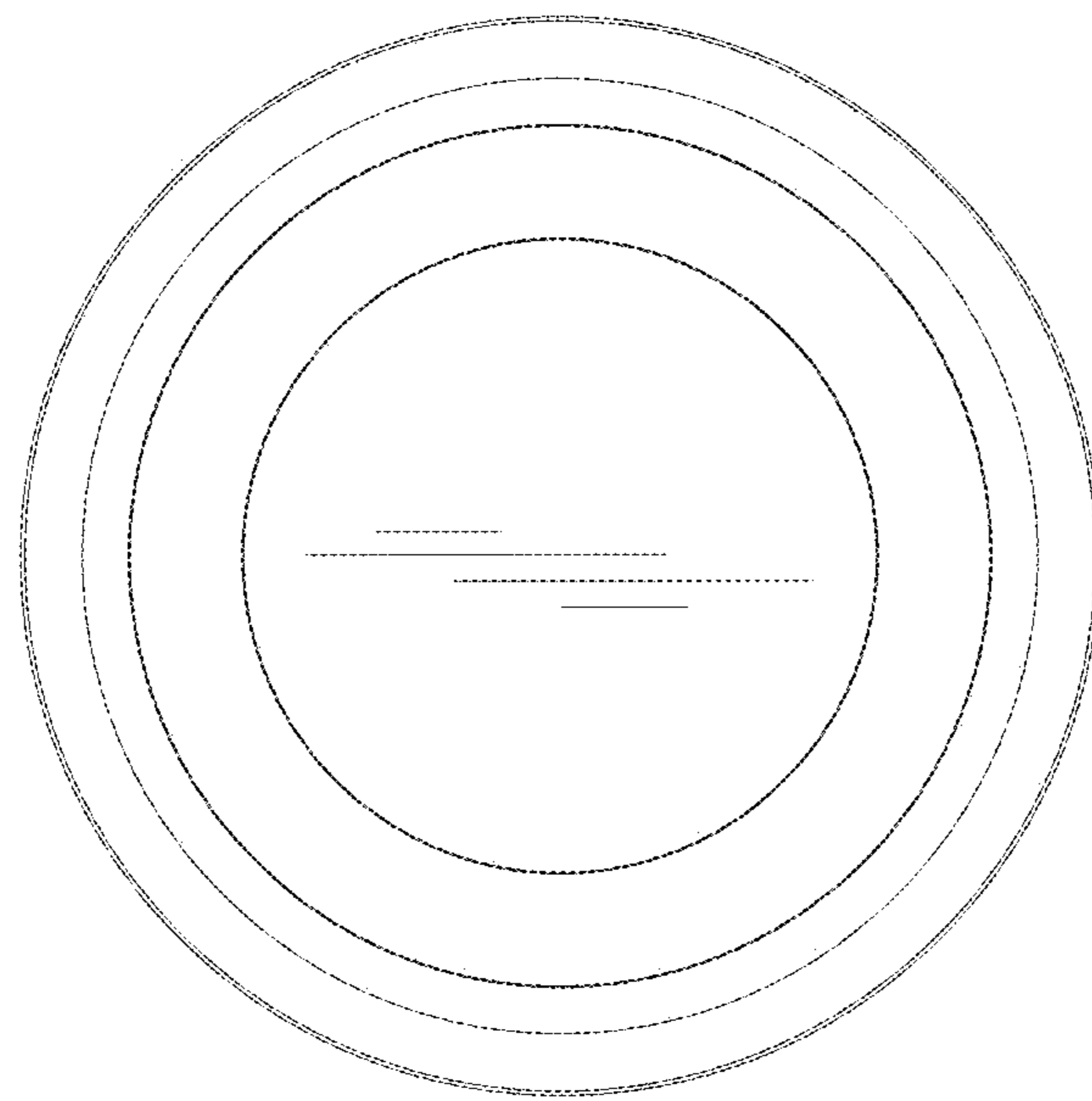


FIG. 8