



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

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(54) **AIR PURIFIER**  
(71) Applicant: **Comefresh (Xiamen) Electronic Co., Ltd., Xiamen (CN)**

D972,697 S \* 12/2022 Zuo ..... D23/364  
D990,648 S \* 6/2023 Nikitas ..... D23/364  
D998,122 S \* 9/2023 Chen ..... D23/364  
D998,772 S \* 9/2023 Lu ..... D23/364  
2022/0136529 A1\* 5/2022 Seo ..... F24F 3/16  
415/208.2

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

(21) Appl. No.: **29/863,232**

(22) Filed: **Dec. 16, 2022**

(30) **Foreign Application Priority Data**

Aug. 1, 2022 (CN) ..... 202230497018.2

(51) **LOC (14) Cl.** ..... **23-04**

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

(58) **Field of Classification Search**  
USPC ..... D23/208–209, 246, 301, 313, 324,  
D23/332–333, 335–336, 350–356,  
D23/359–367, 370, 381–382  
CPC .. F24F 8/80; F24F 13/28; F24F 1/0071; F24F  
3/16; F24F 8/90  
See application file for complete search history.

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Levoit air purifier Jun. 9, 2022 found on Mar. 7, 2024 at: <https://www.amazon.co.uk/LEVOIT-Purifiers-Control-Particles-Allergies/dp/B09BJMY8HL/?th=1> (Year: 2022).\*

\* cited by examiner

*Primary Examiner* — Jennifer Rivard  
*Assistant Examiner* — Jonathan E Fiencke

(57) **CLAIM**

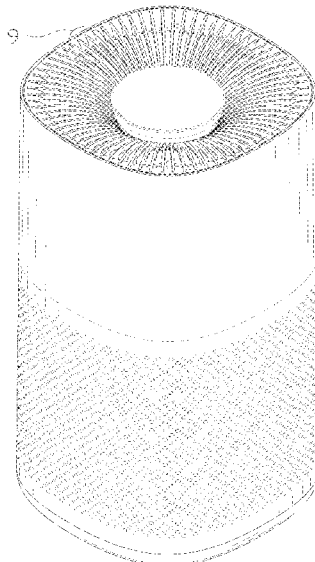
The ornamental design for an air purifier, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top perspective view of an air purifier, showing my new design;  
FIG. 2 is a rear and bottom perspective view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a right side elevation view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is an enlarged perspective view of detail “9” identified in FIG. 1.

The dashed lines in the figures illustrate portions of the air purifier that form no part of the claimed design. The dash dot dash lines in FIGS. 1 and 9 are for the purpose of illustrating the enlarged view indicators and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



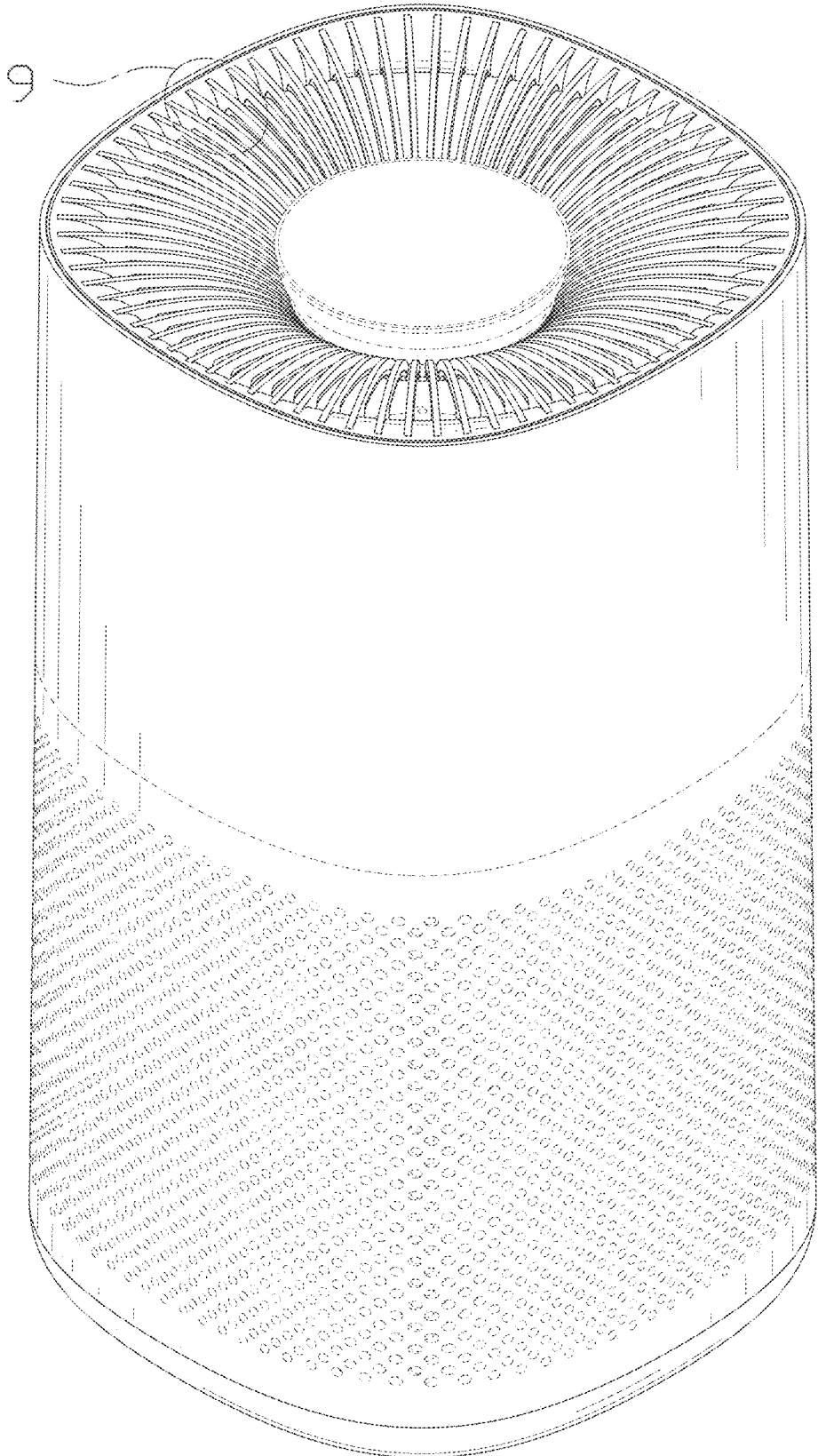


FIG. 1

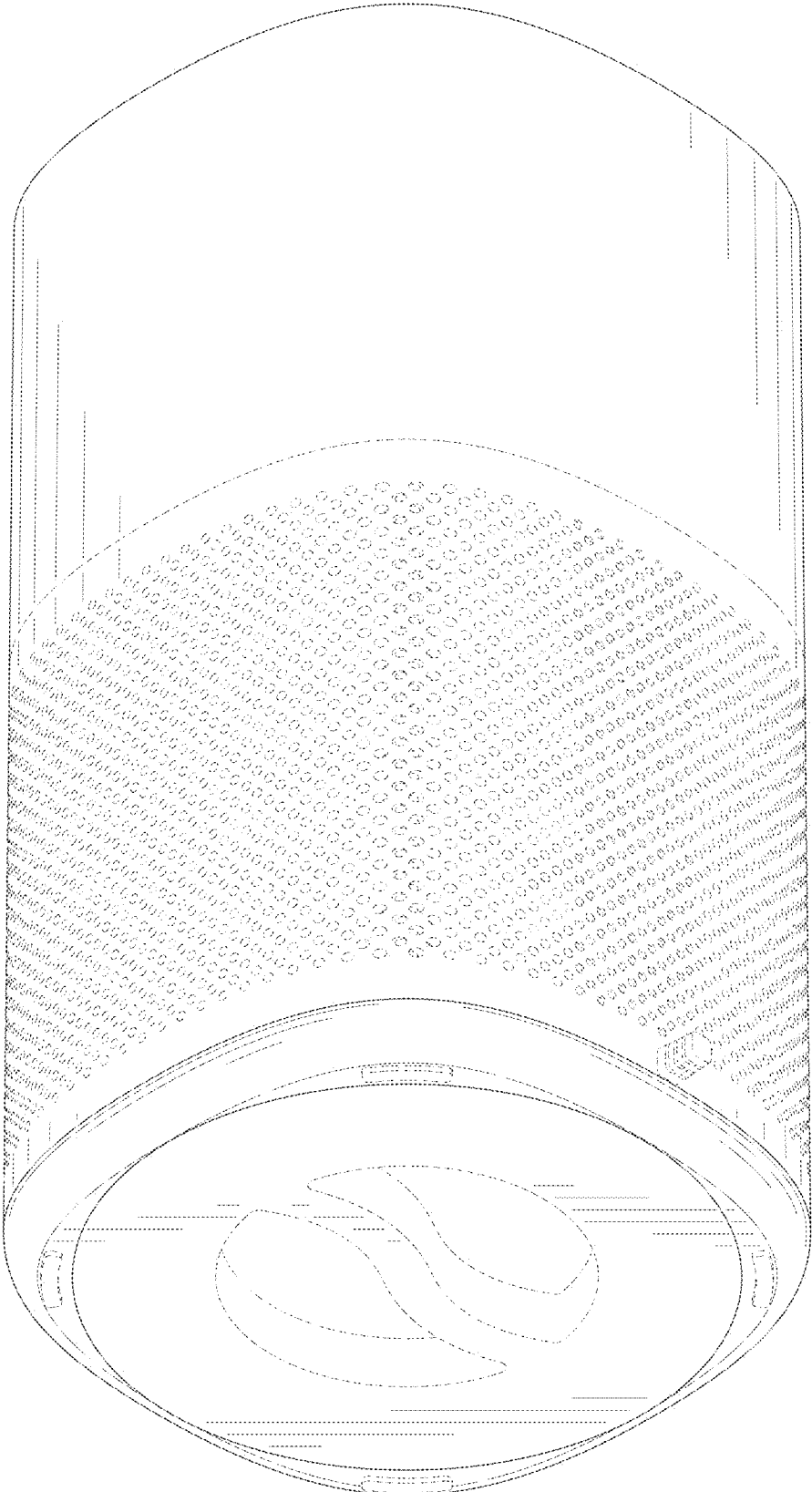


FIG. 2

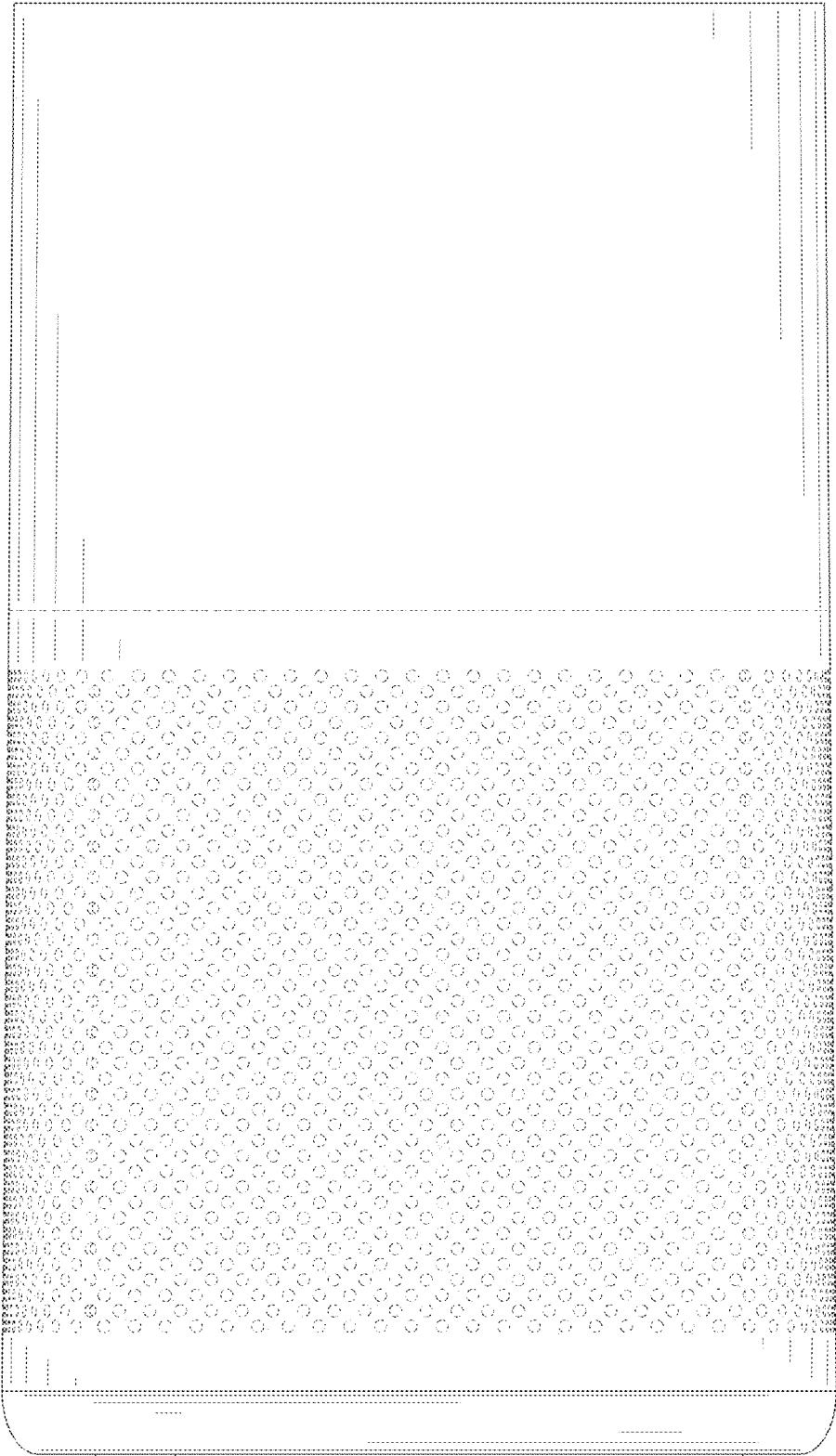


FIG. 3

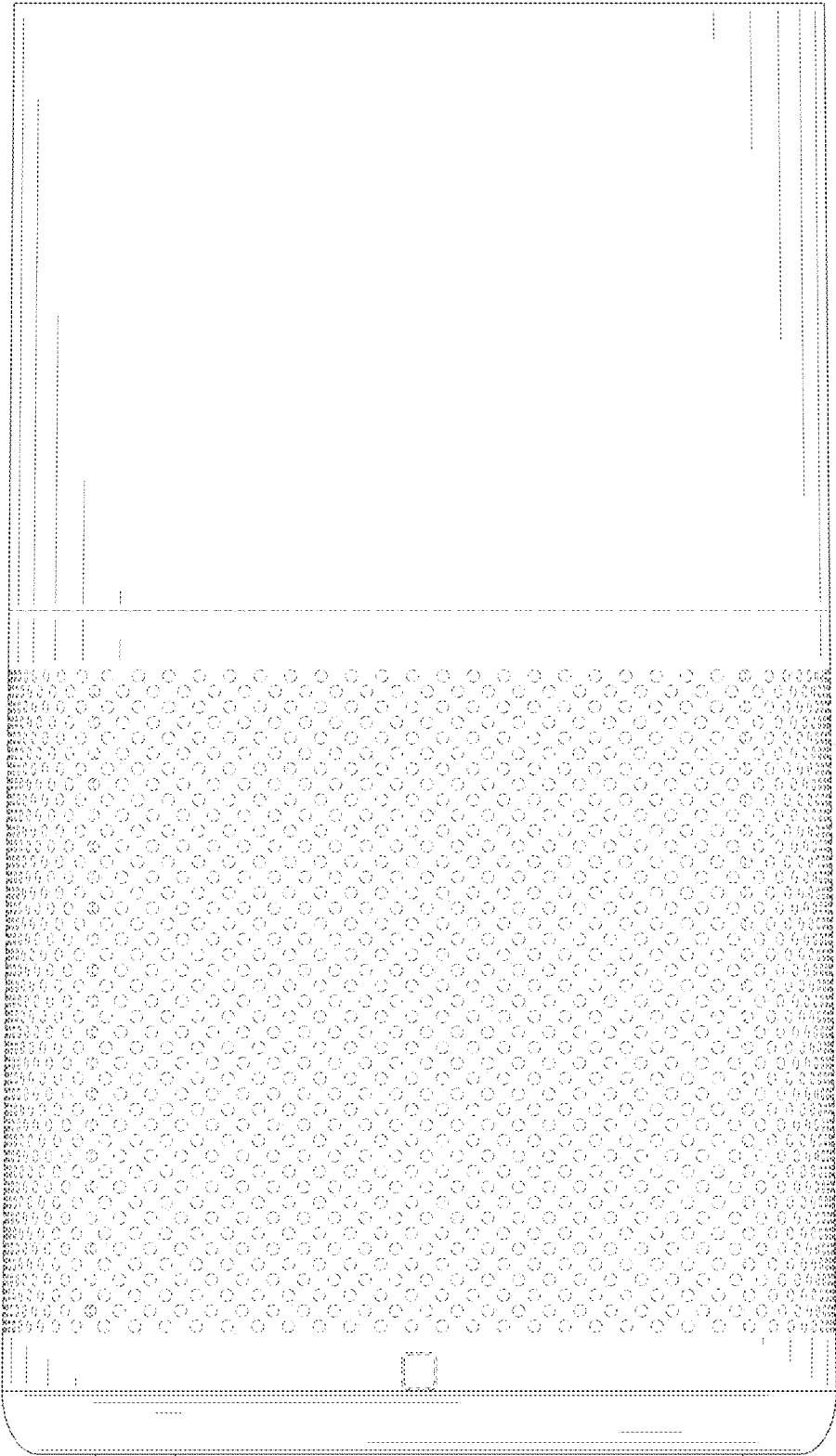


FIG. 4

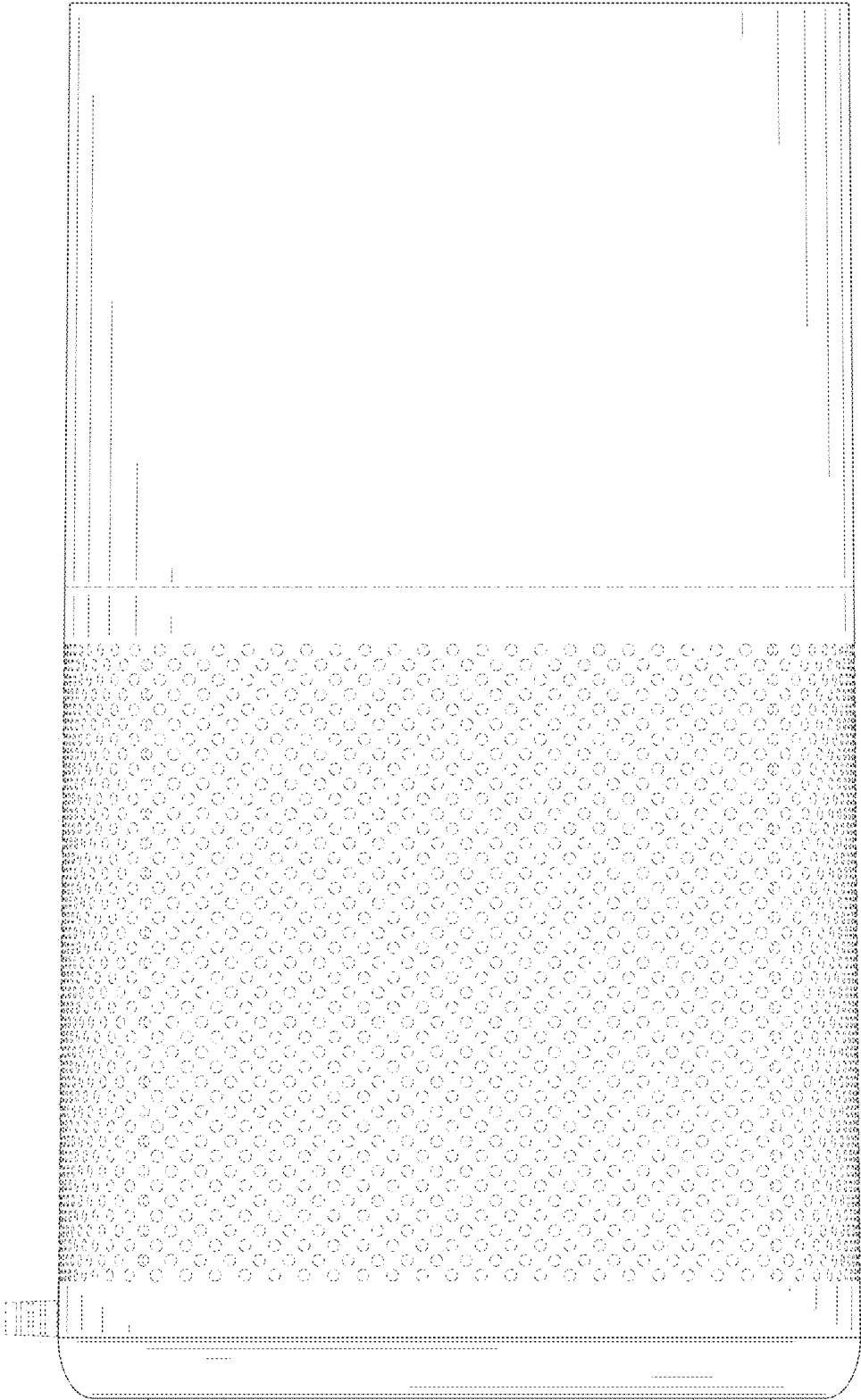


FIG. 5

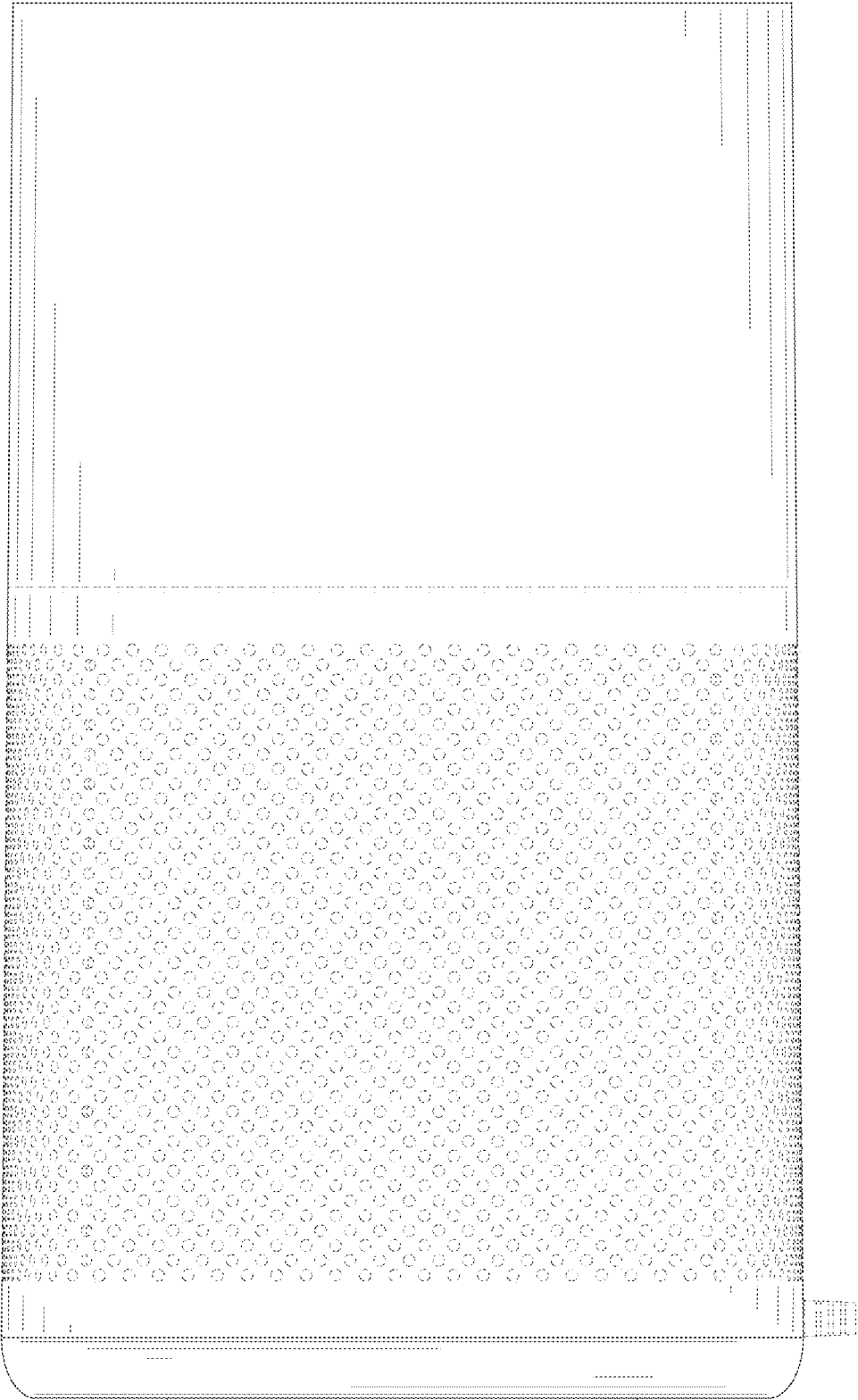


FIG. 6

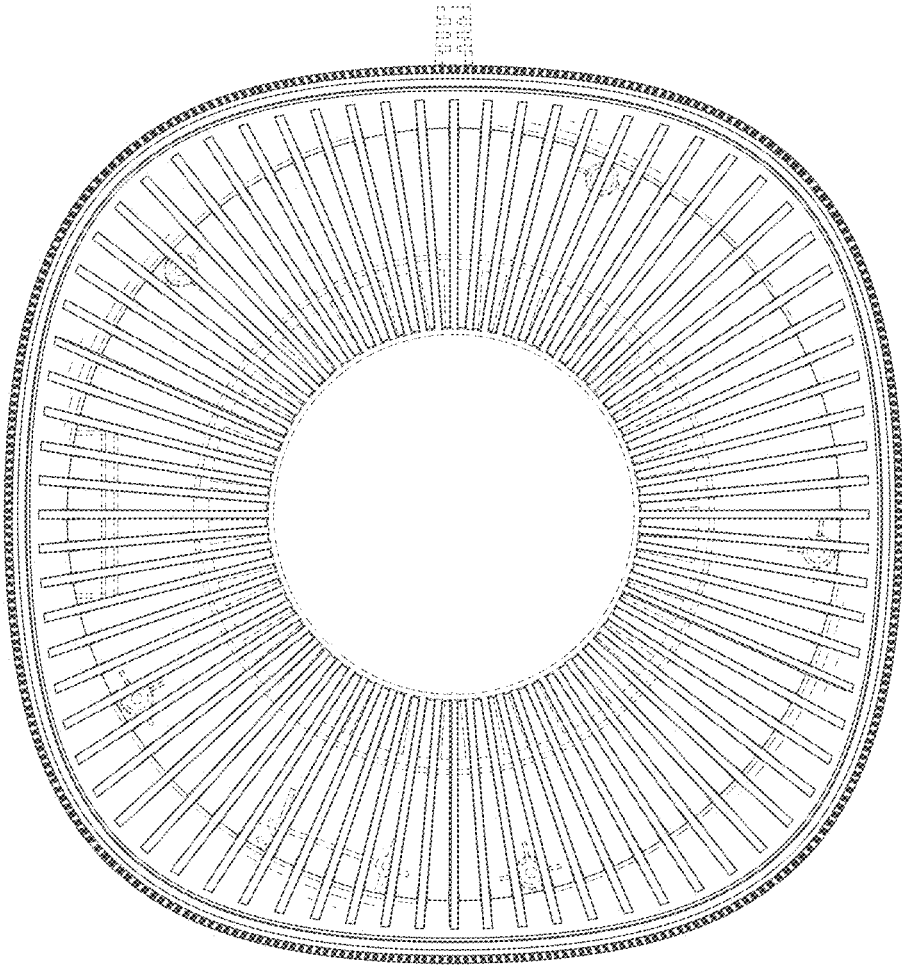


FIG. 7



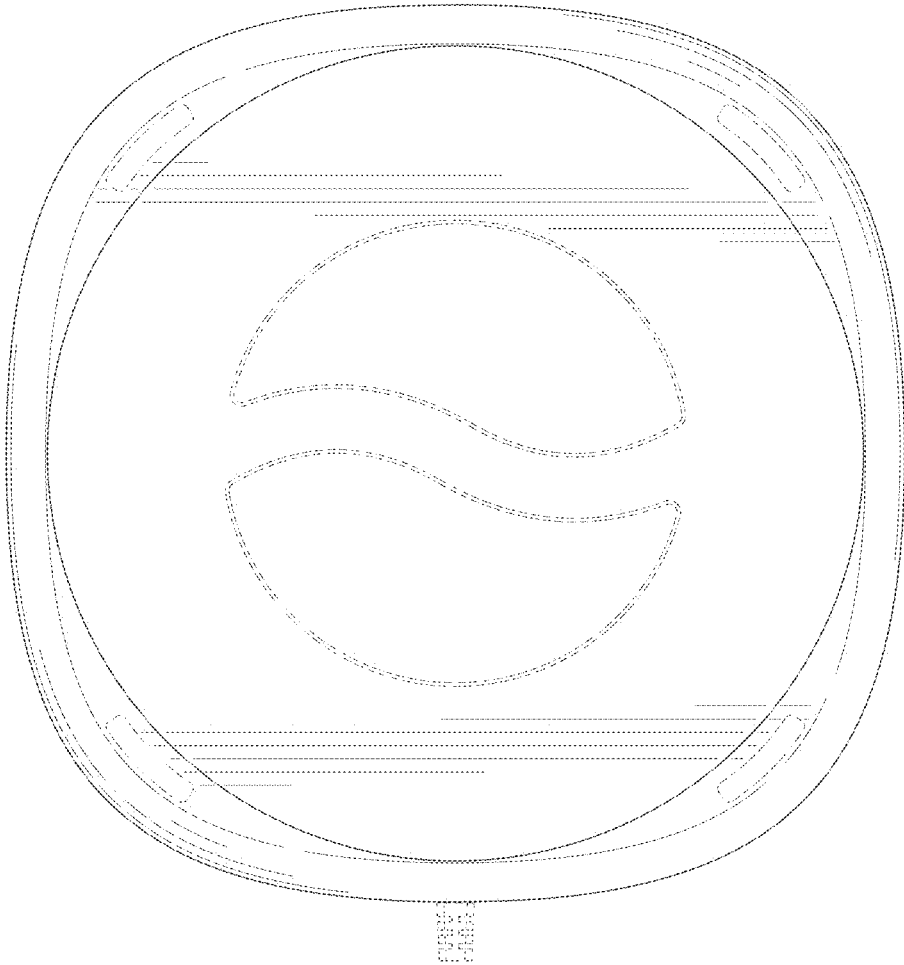


FIG. 8

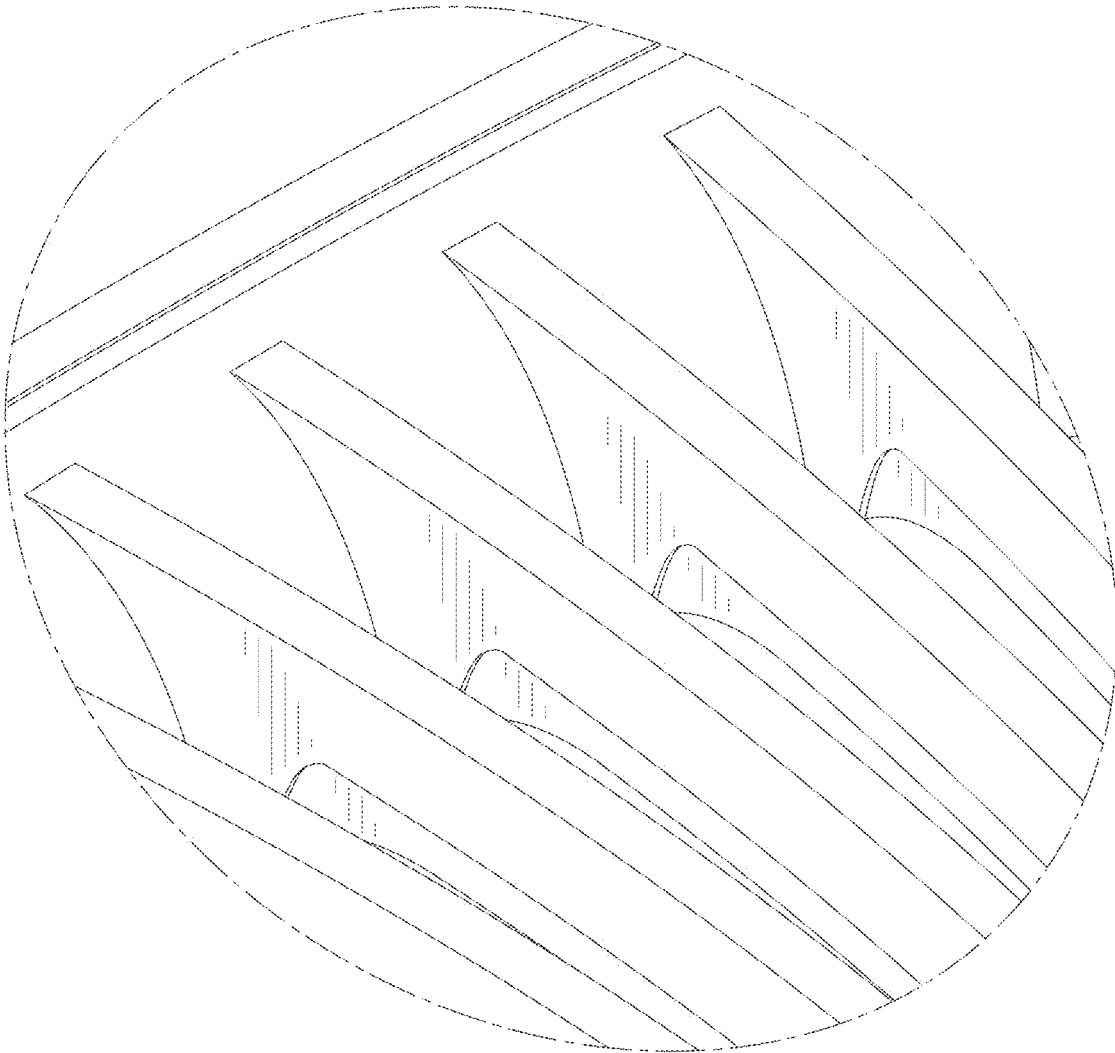


FIG. 9