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(12) **United States Design Patent**  
**Chen et al.**

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(54) **AIR PURIFIER**

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

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

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

(58) **Field of Classification Search**  
USPC ..... D23/314, 332, 333, 335, 336, 355, 356,  
D23/364, 365, 366, 378  
CPC .... F24F 1/0022; F24F 3/14; F24F 6/06; F24F  
8/80; B01D 46/00281; B01D 46/0043;  
A61L 2209/12; A61L 2209/14  
See application file for complete search history.

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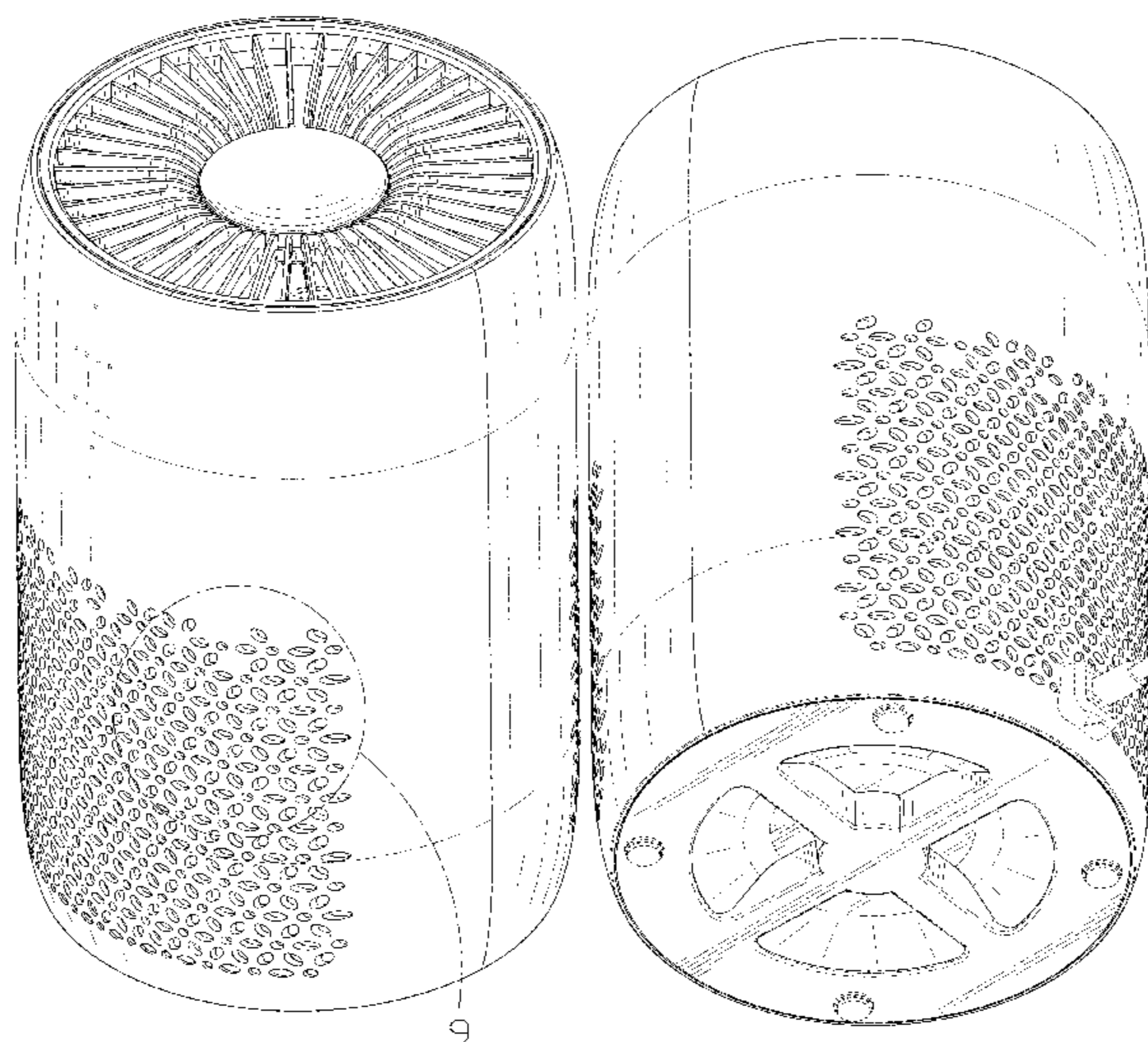
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of an air purifier showing our new design;  
FIG. 2 is a rear 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 detail view of portion 9 encircled by long dash-short dash broken lines in FIG. 1.  
The evenly spaced broken lines illustrate portions of the air purifier that form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



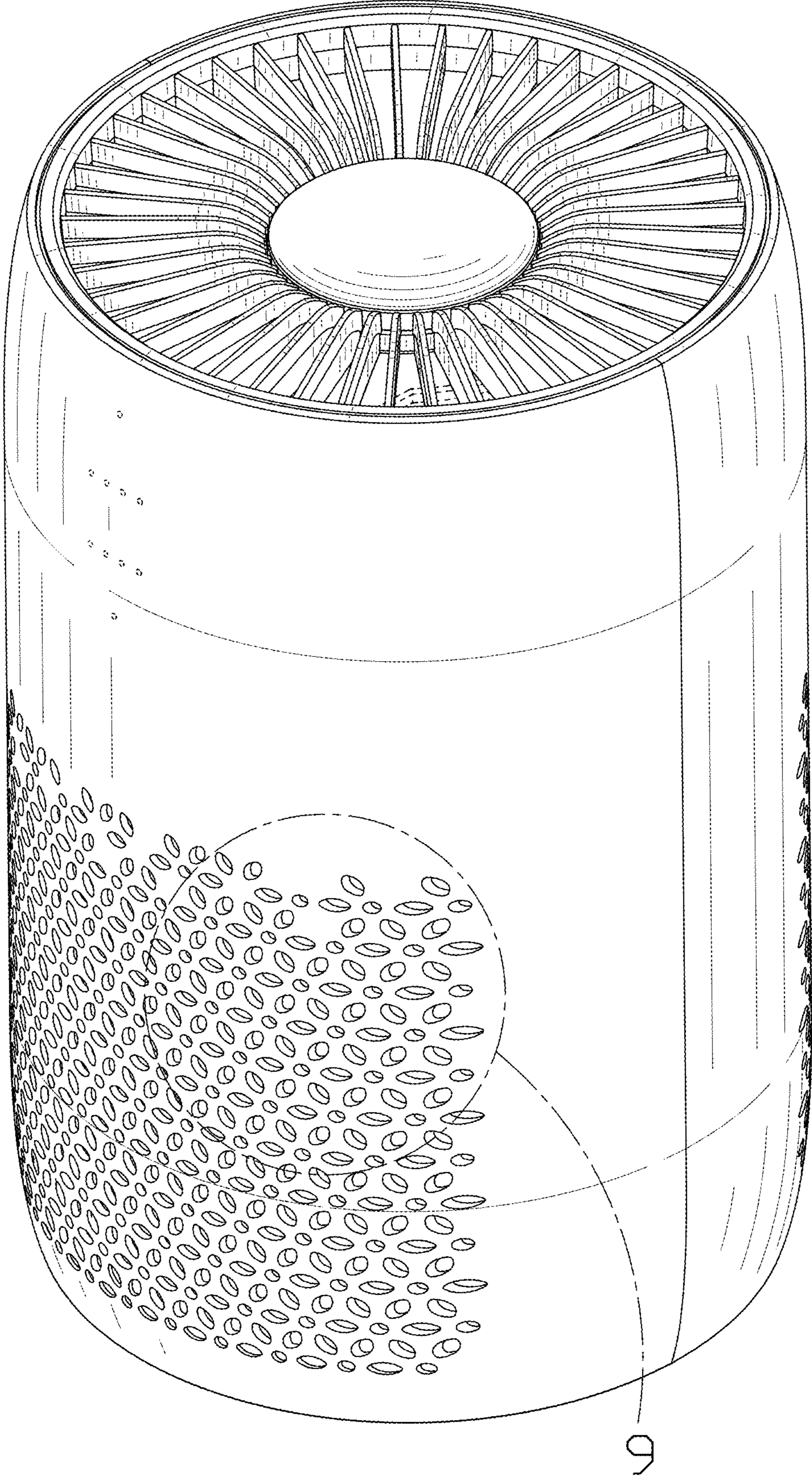


FIG. 1

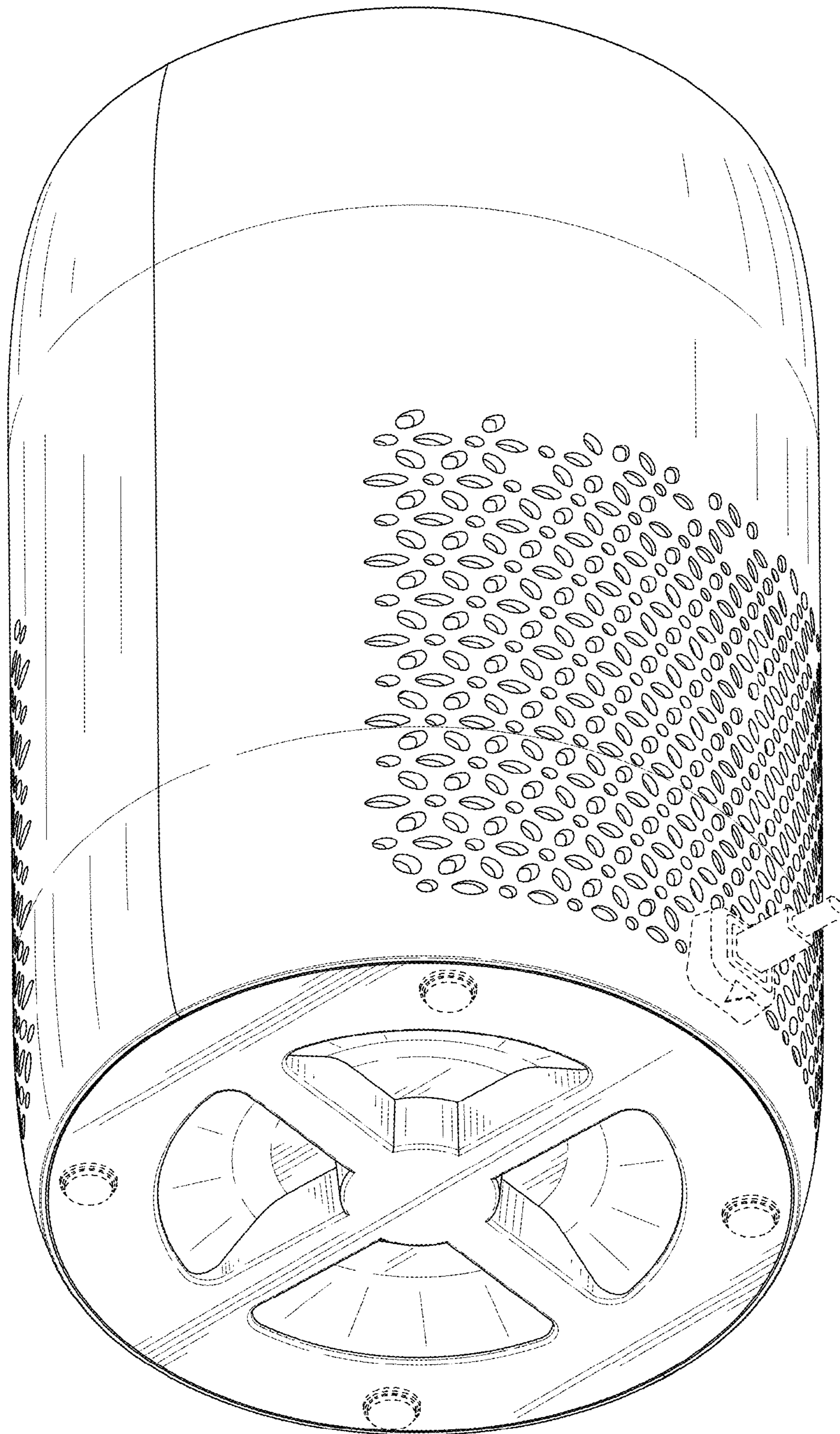


FIG. 2

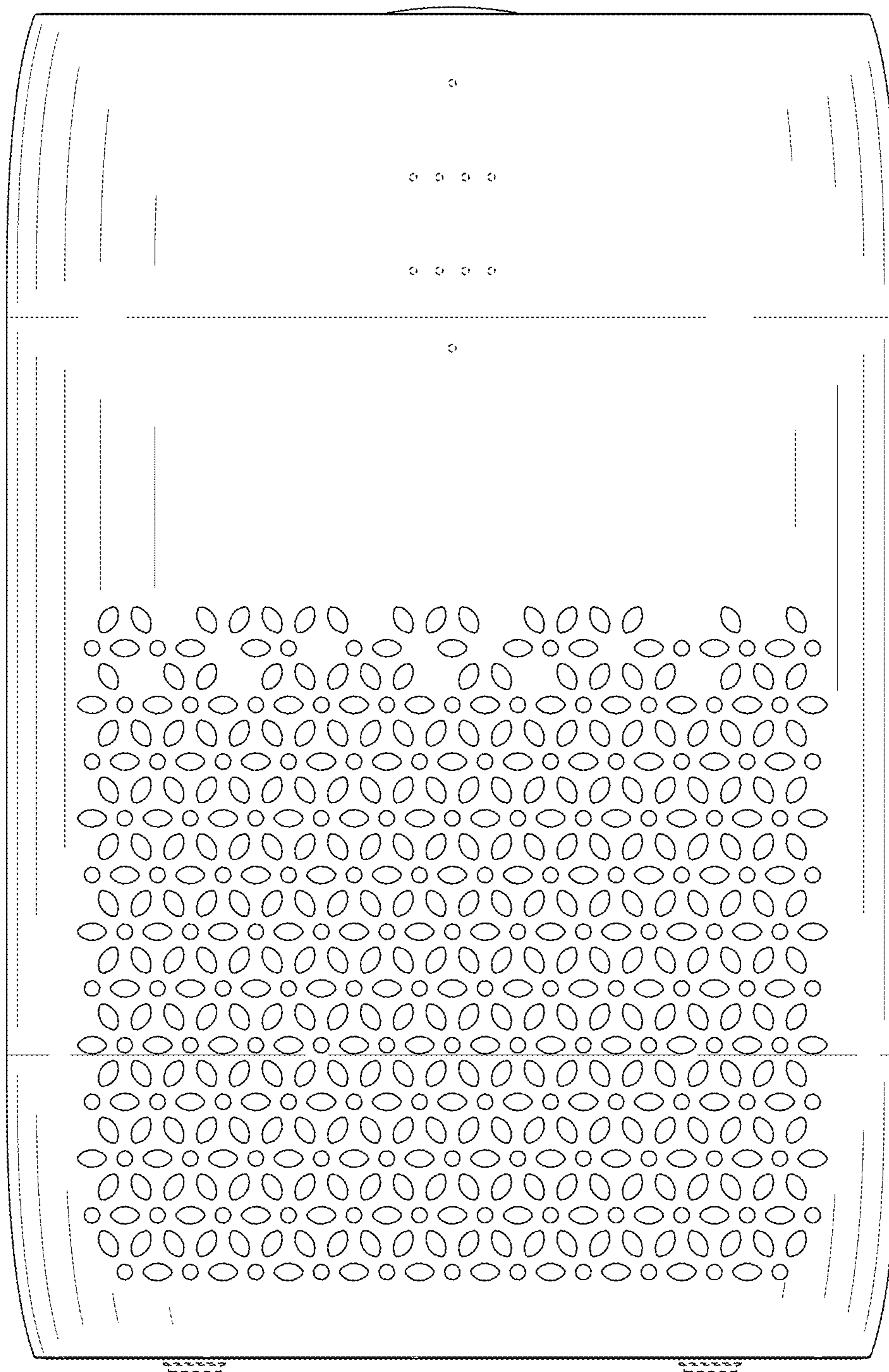


FIG. 3

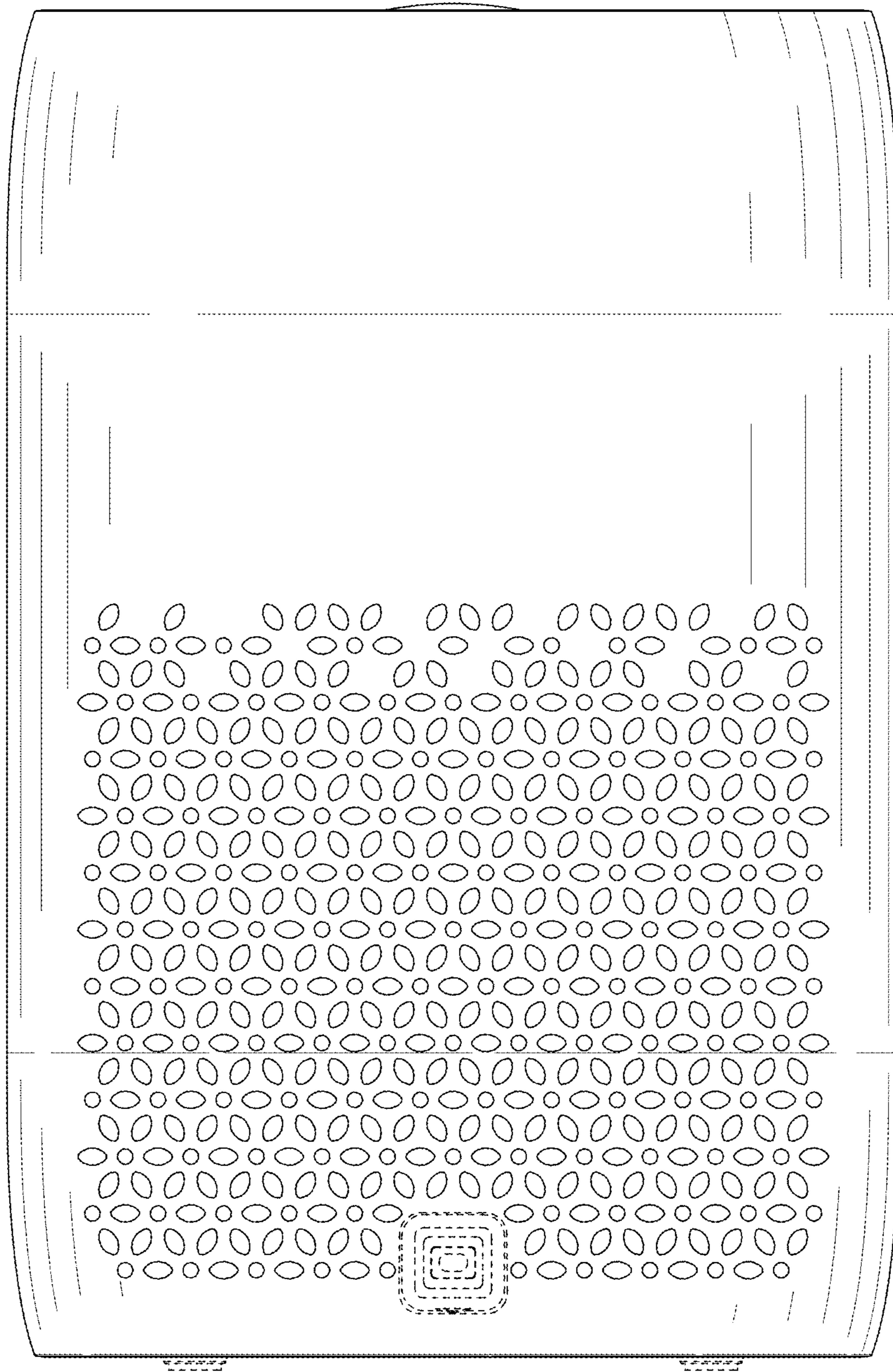


FIG. 4

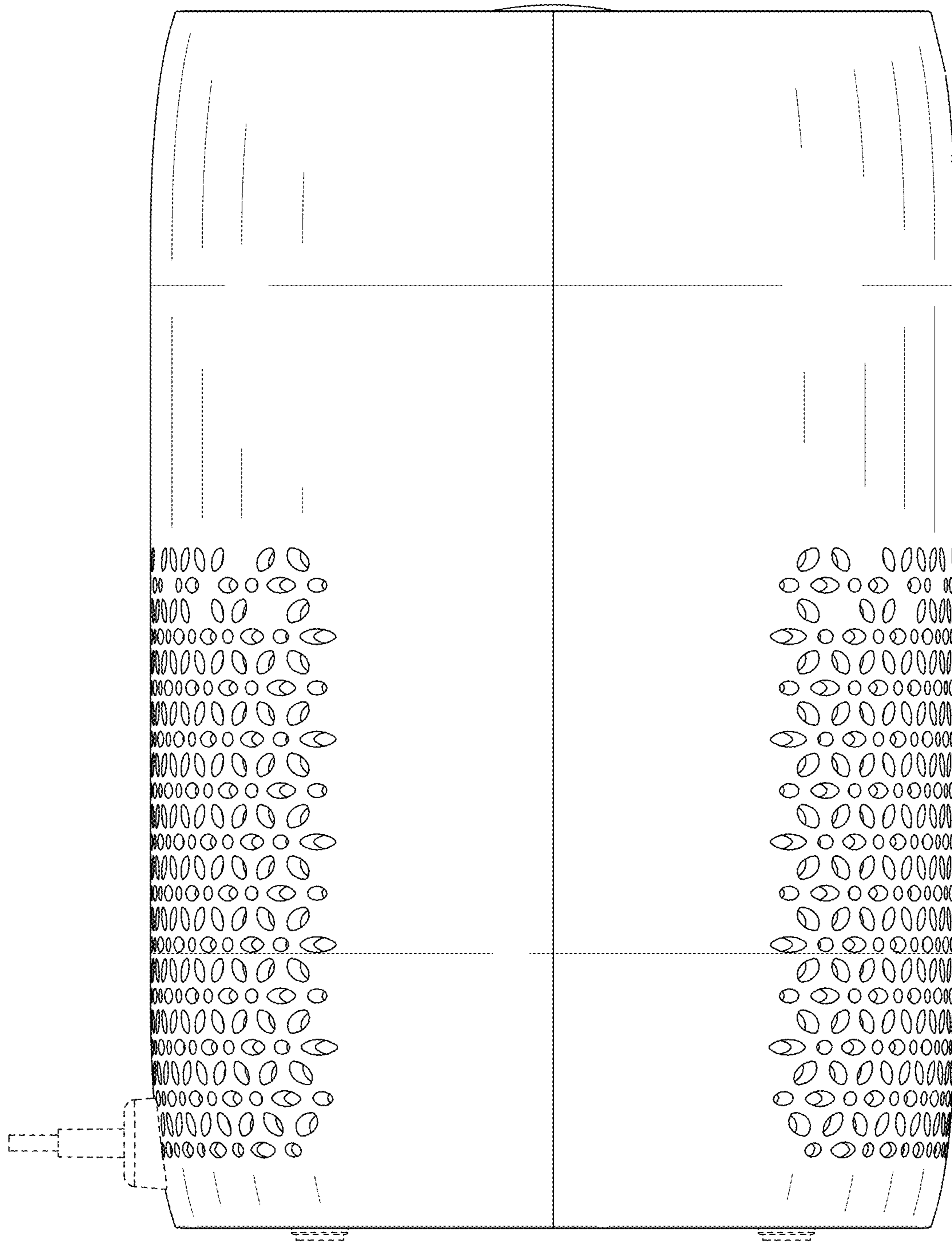


FIG. 5

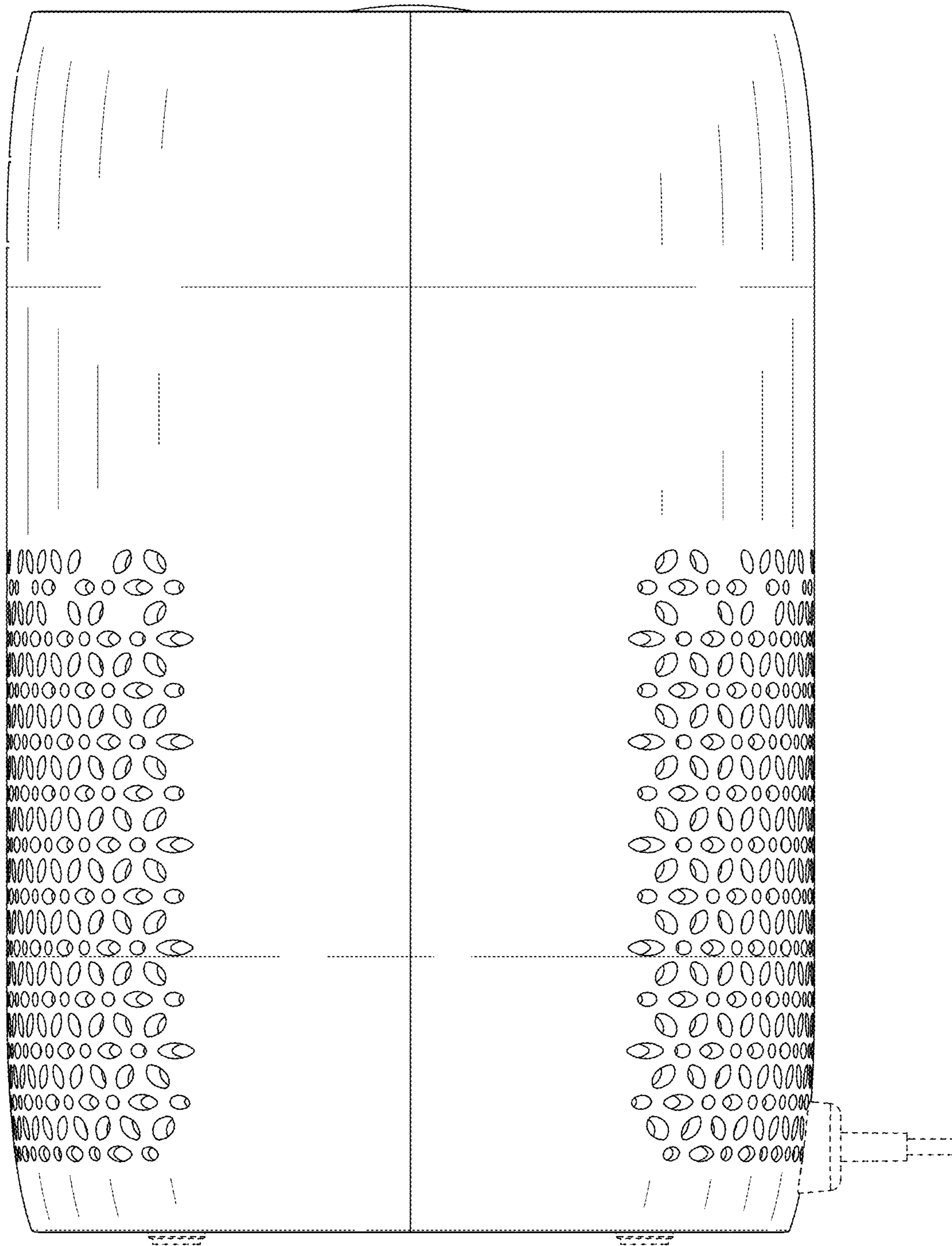


FIG. 6

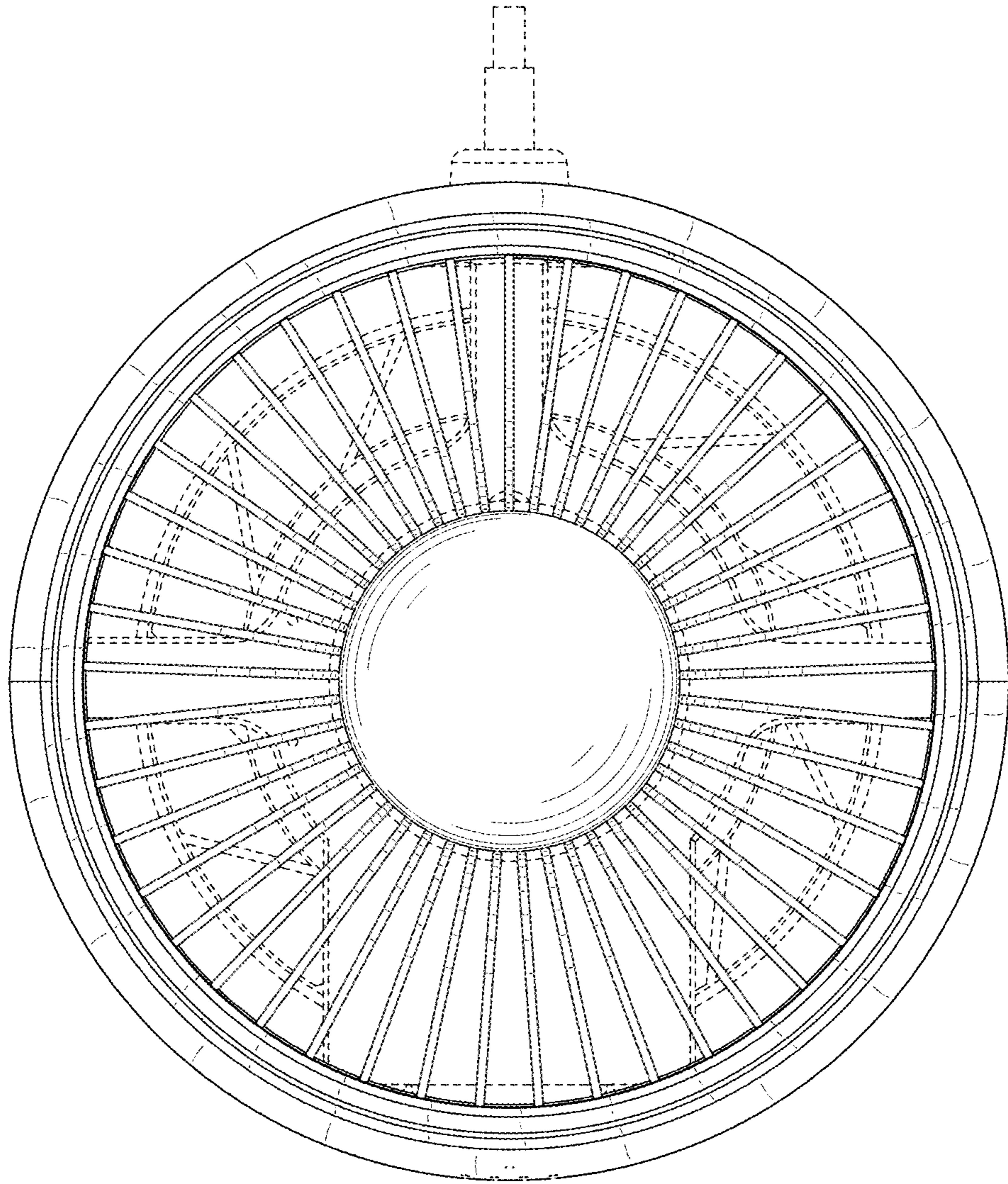


FIG. 7



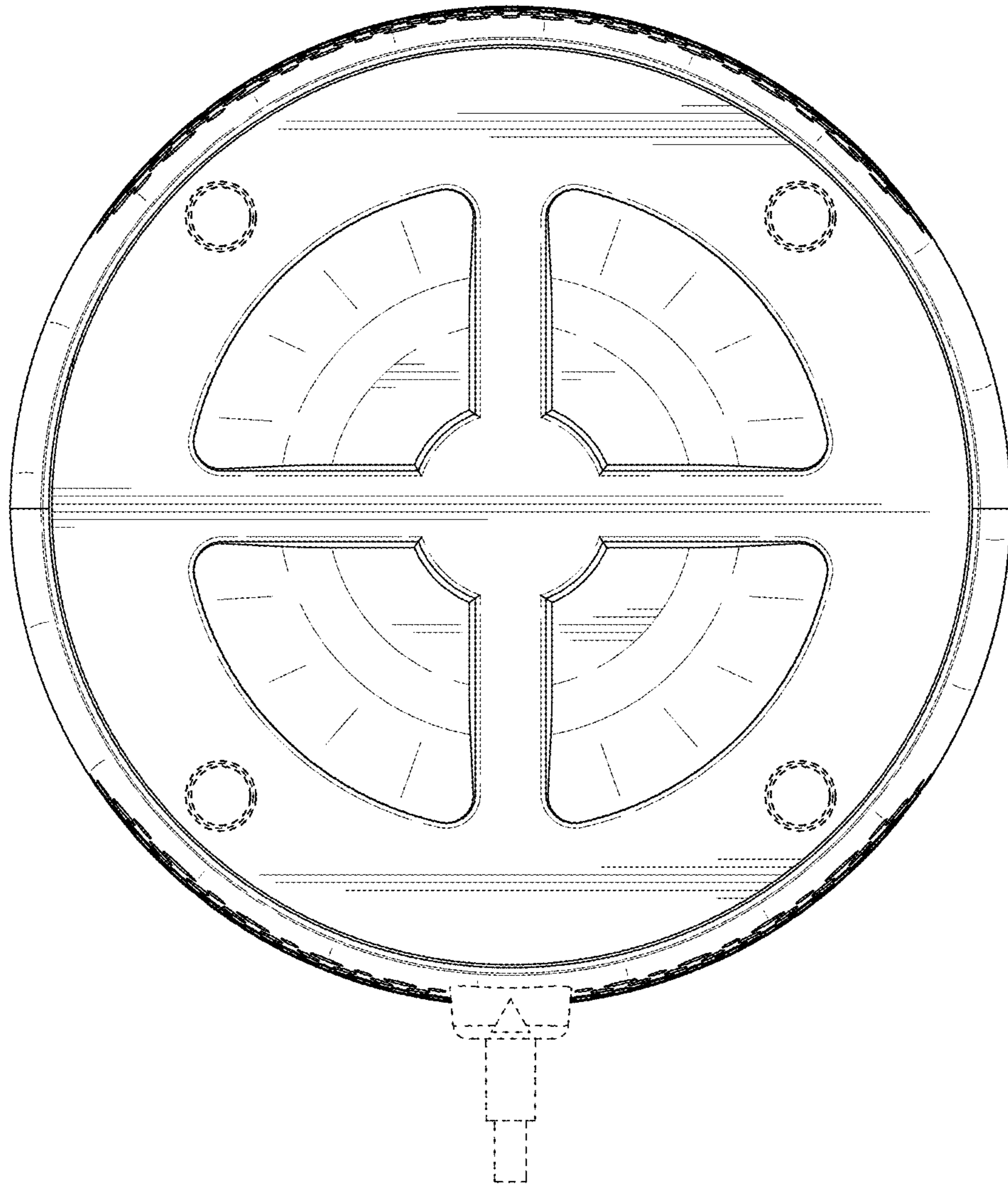


FIG. 8

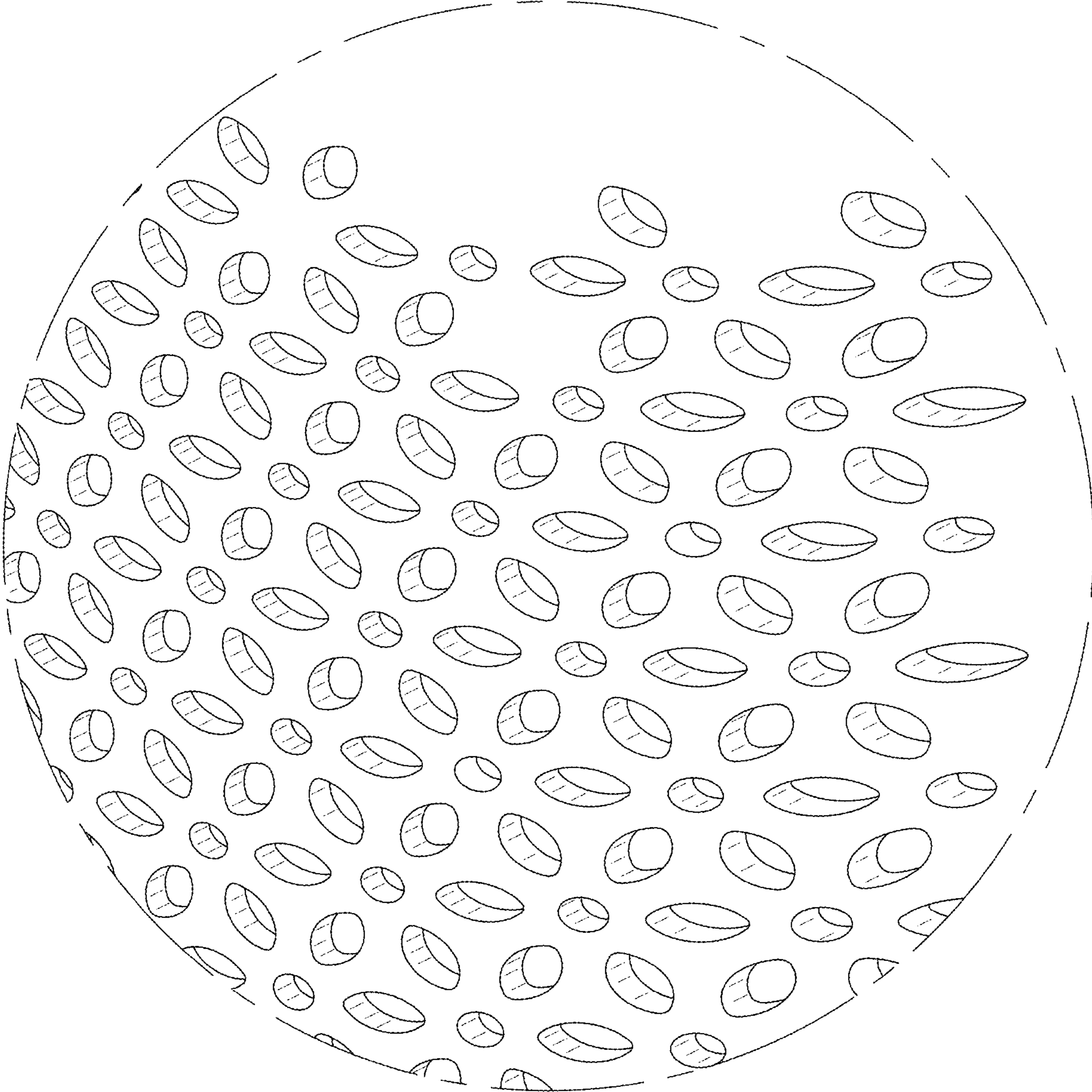


FIG. 9