



US00D972102S

(12) **United States Design Patent** (10) **Patent No.:** **US D972,102 S**
Zhan (45) **Date of Patent:** **** Dec. 6, 2022**

(54) **AIR PURIFIER**
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(**) Term: **15 Years**

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(21) Appl. No.: **29/823,099**

Primary Examiner — David G Muller

(22) Filed: **Jan. 14, 2022**

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(51) **LOC (13) Cl.** **23-04**

(57) **CLAIM**

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

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

(58) **Field of Classification Search**
 USPC D23/355–366, 352, 369, 332, 333, 335,
 D23/336, 342, 351
 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.

DESCRIPTION

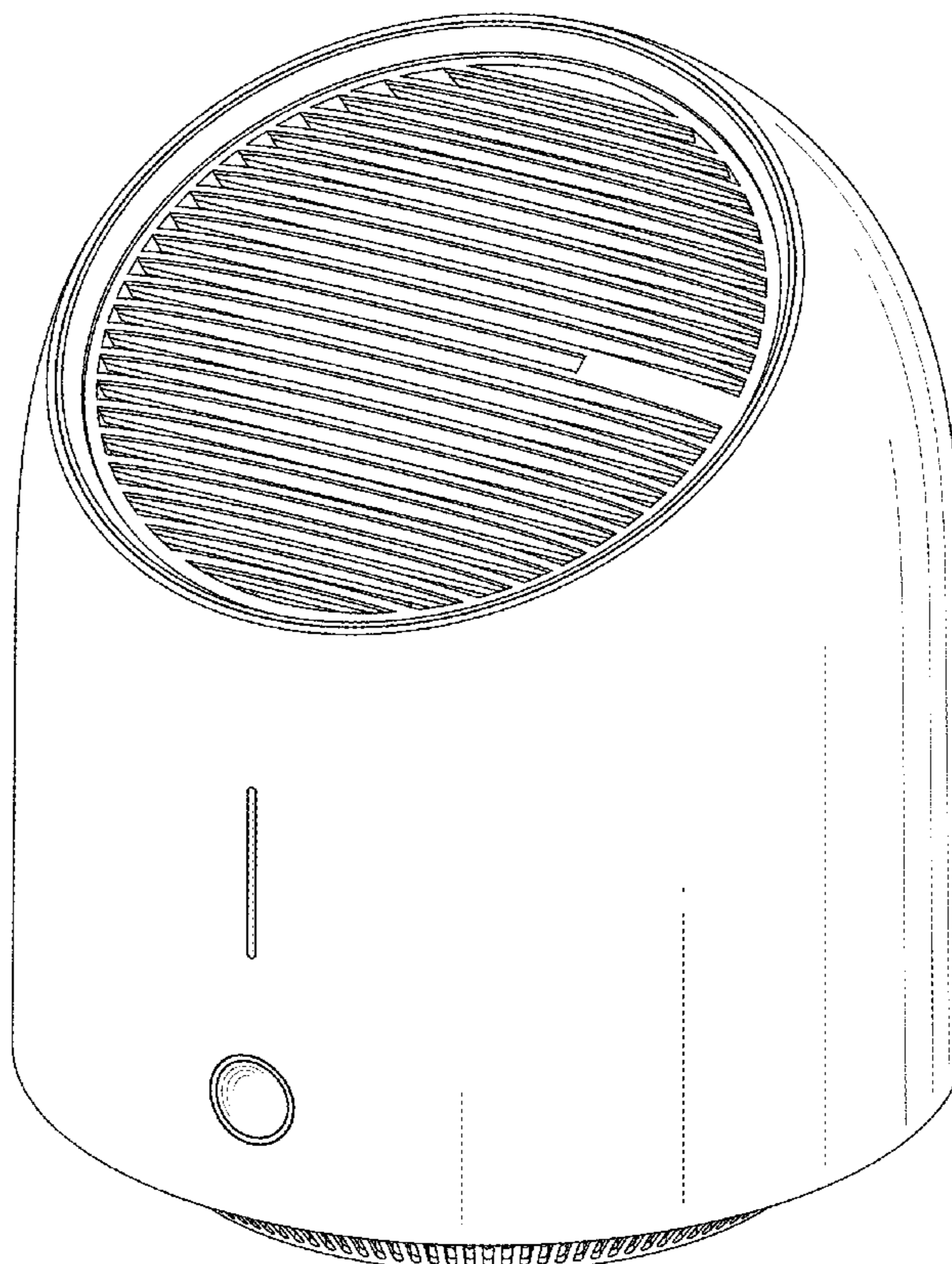
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FIG. 1 is a perspective view of an air purifier showing my new design;
 FIG. 2 is another perspective view thereof;
 FIG. 3 is a front view thereof;
 FIG. 4 is a rear view thereof;
 FIG. 5 is a left side view thereof;
 FIG. 6 is a right side view thereof;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

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1 Claim, 8 Drawing Sheets



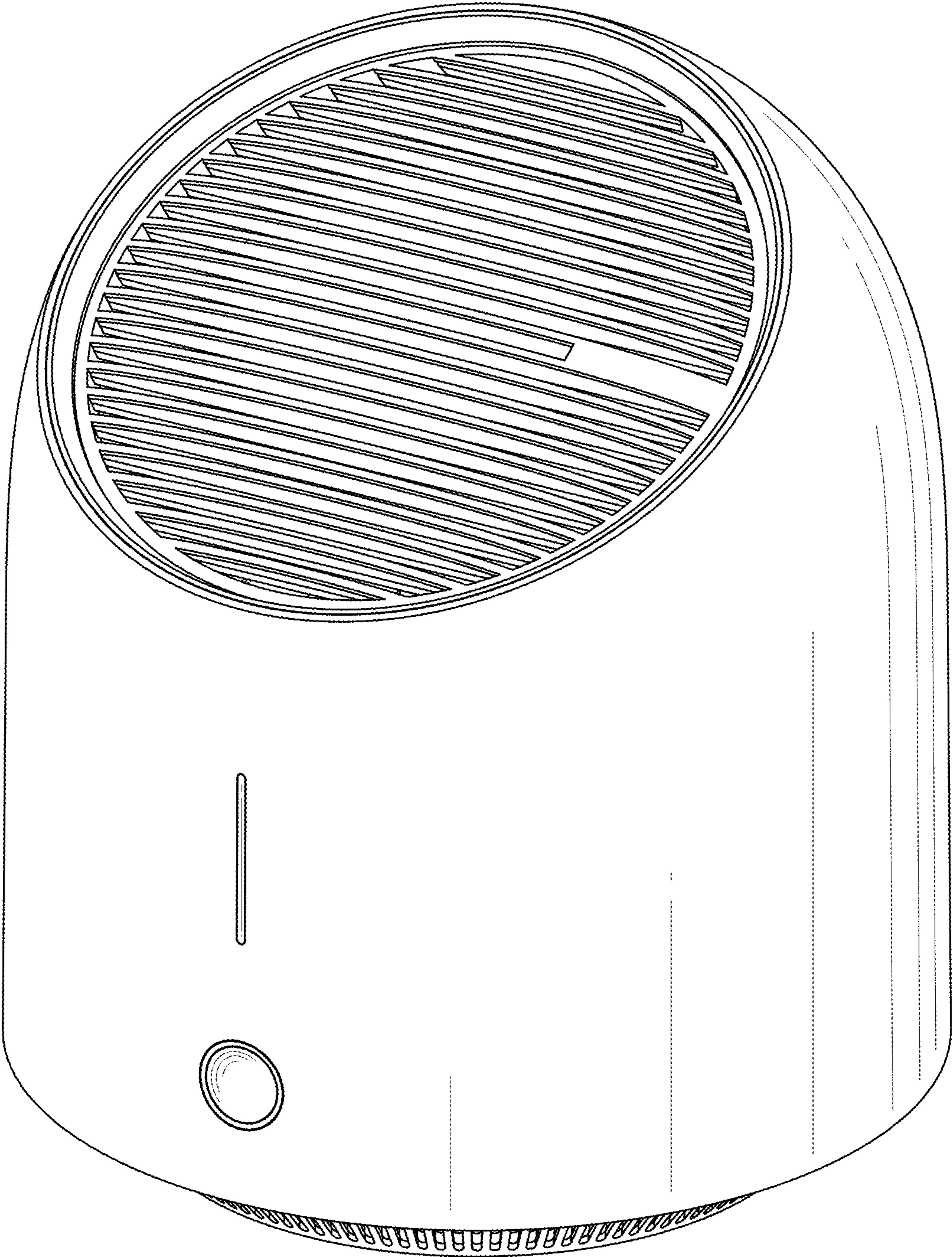


FIG. 1

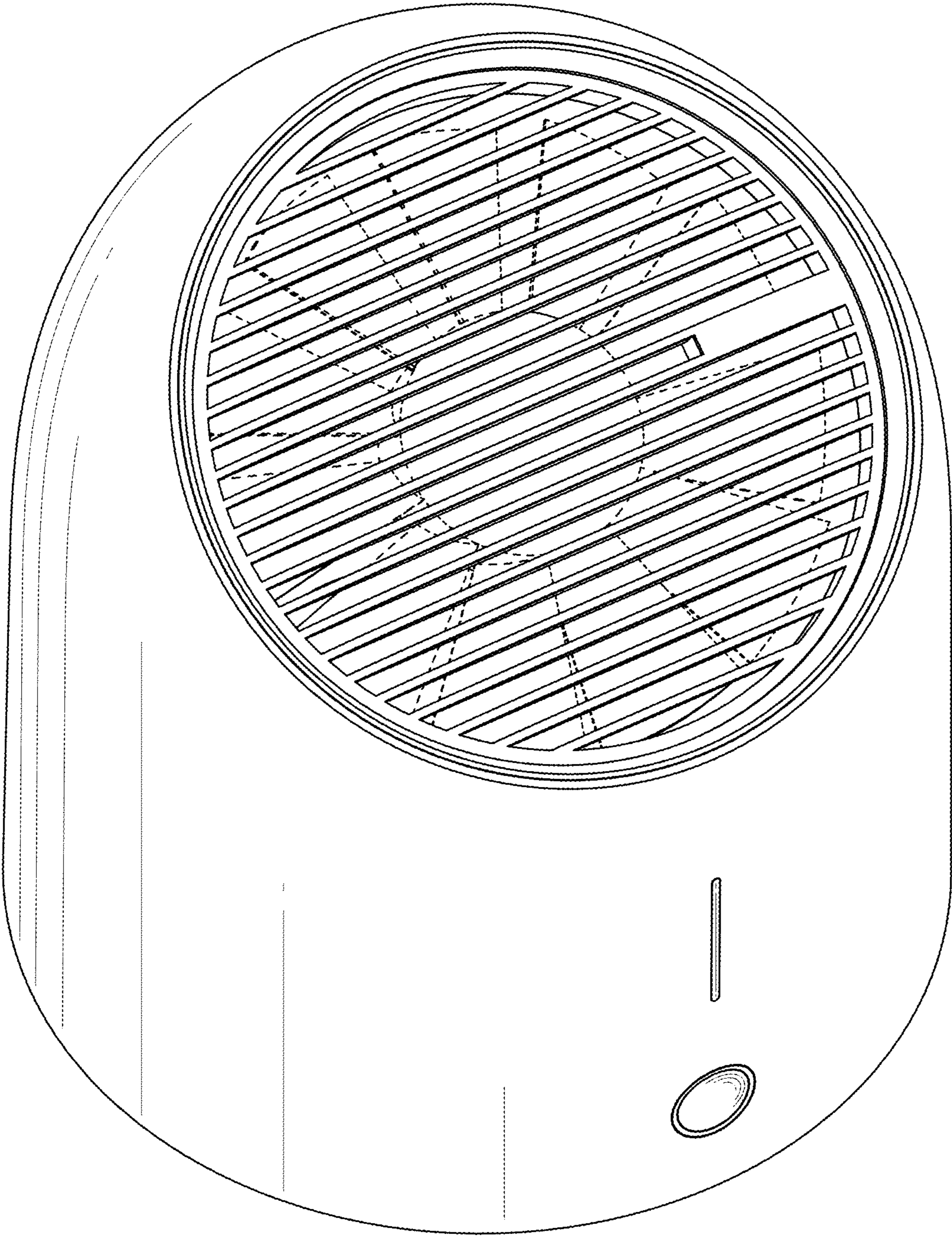


FIG. 2



FIG. 3

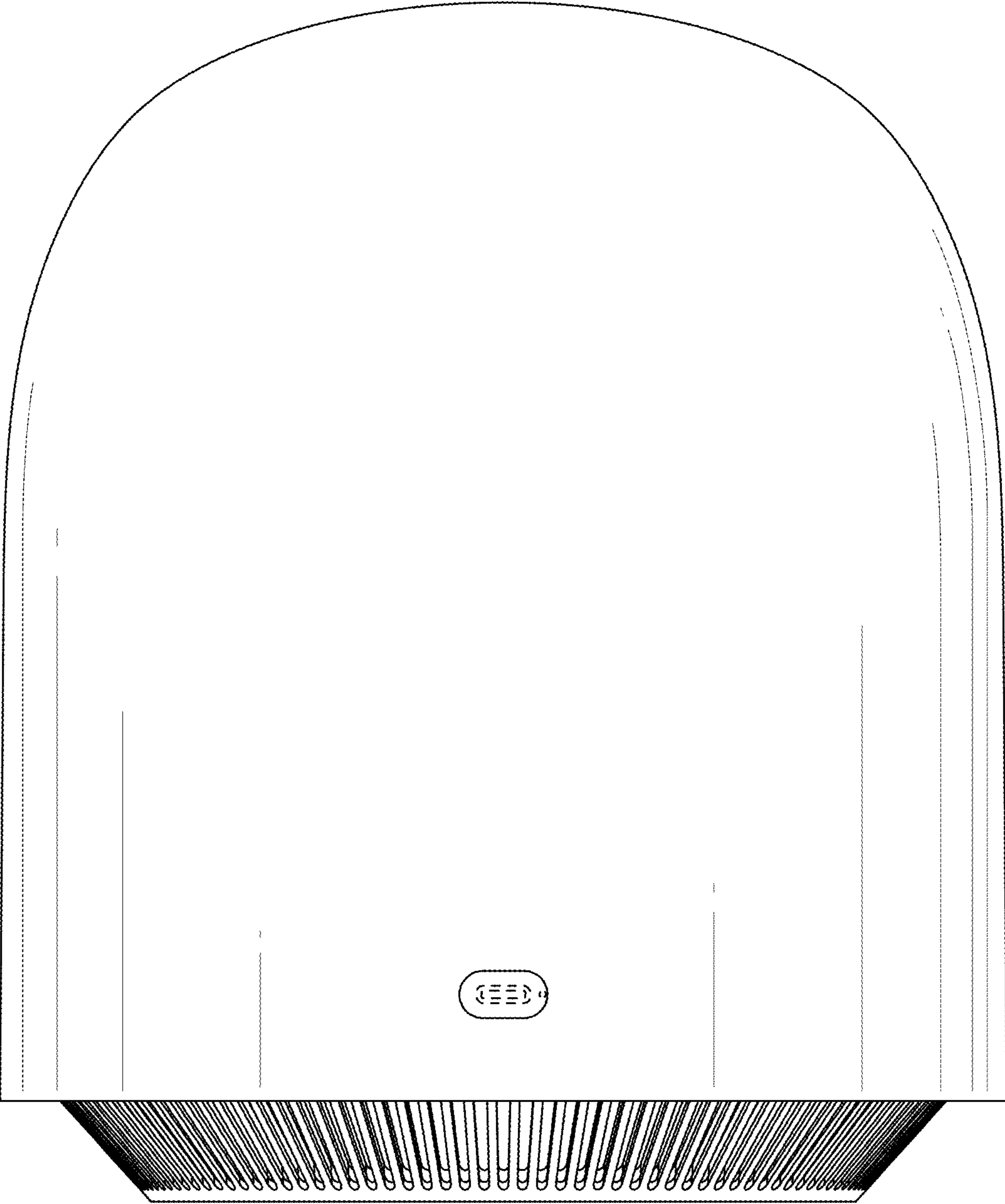


FIG. 4

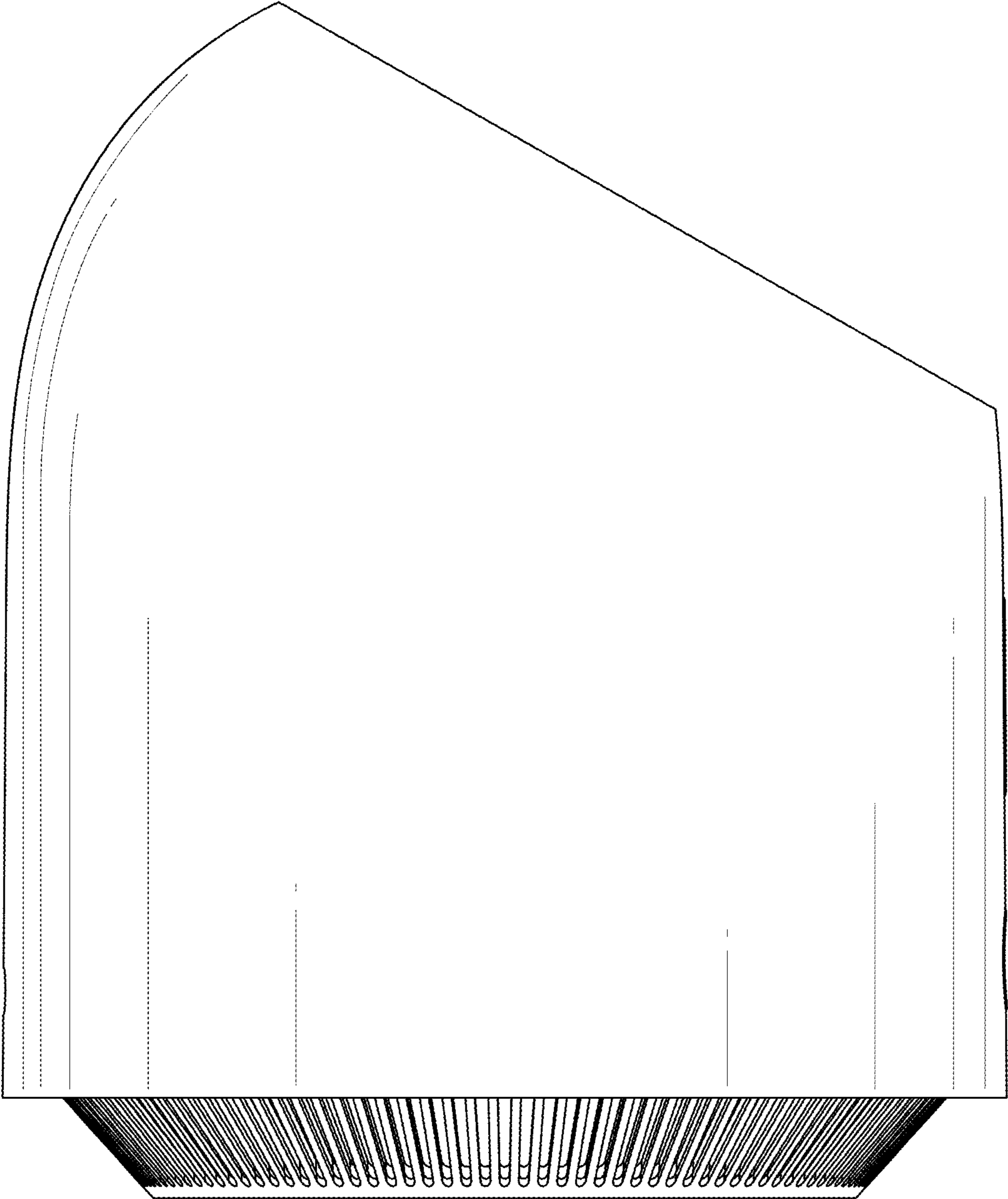


FIG. 5

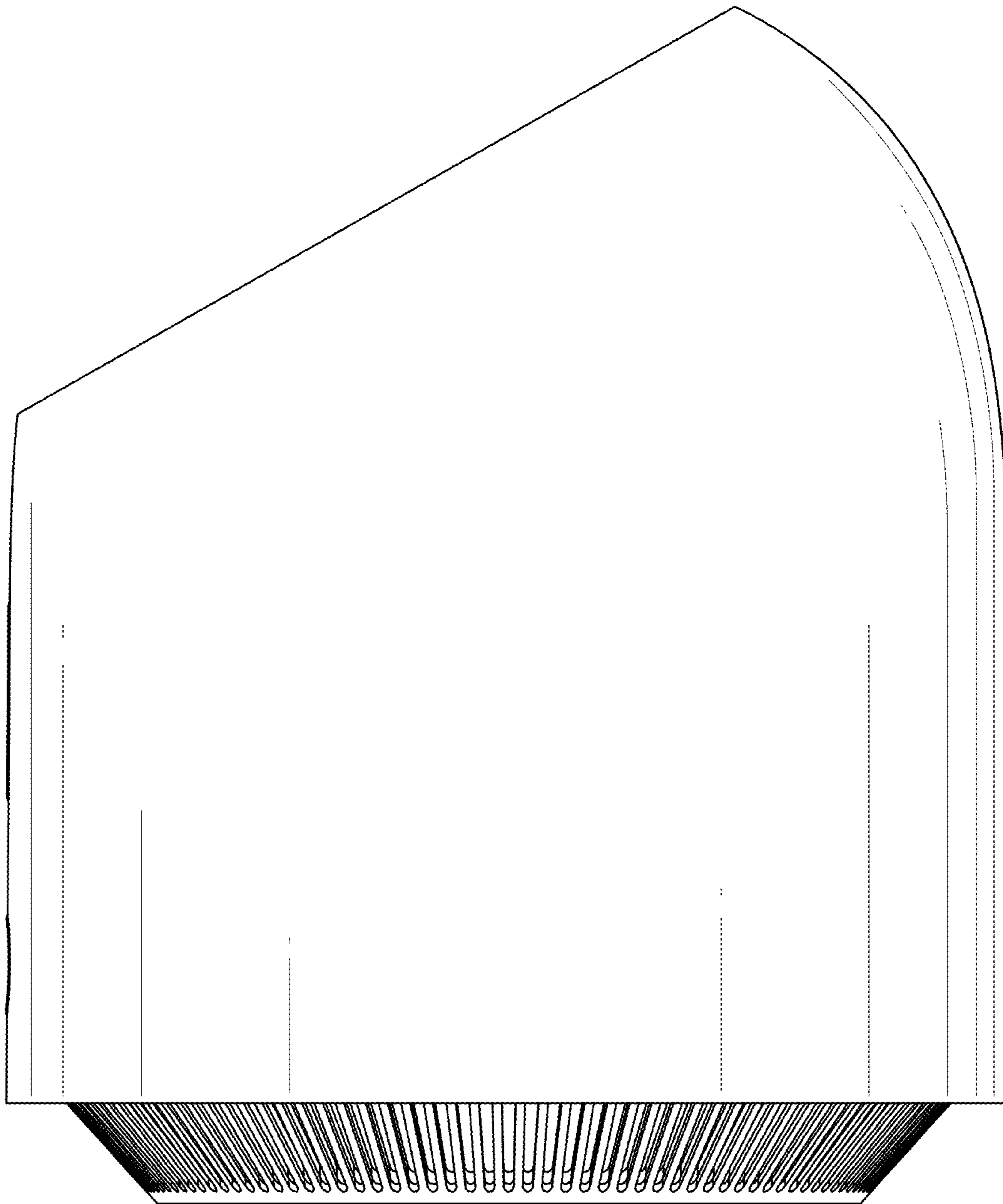


FIG. 6

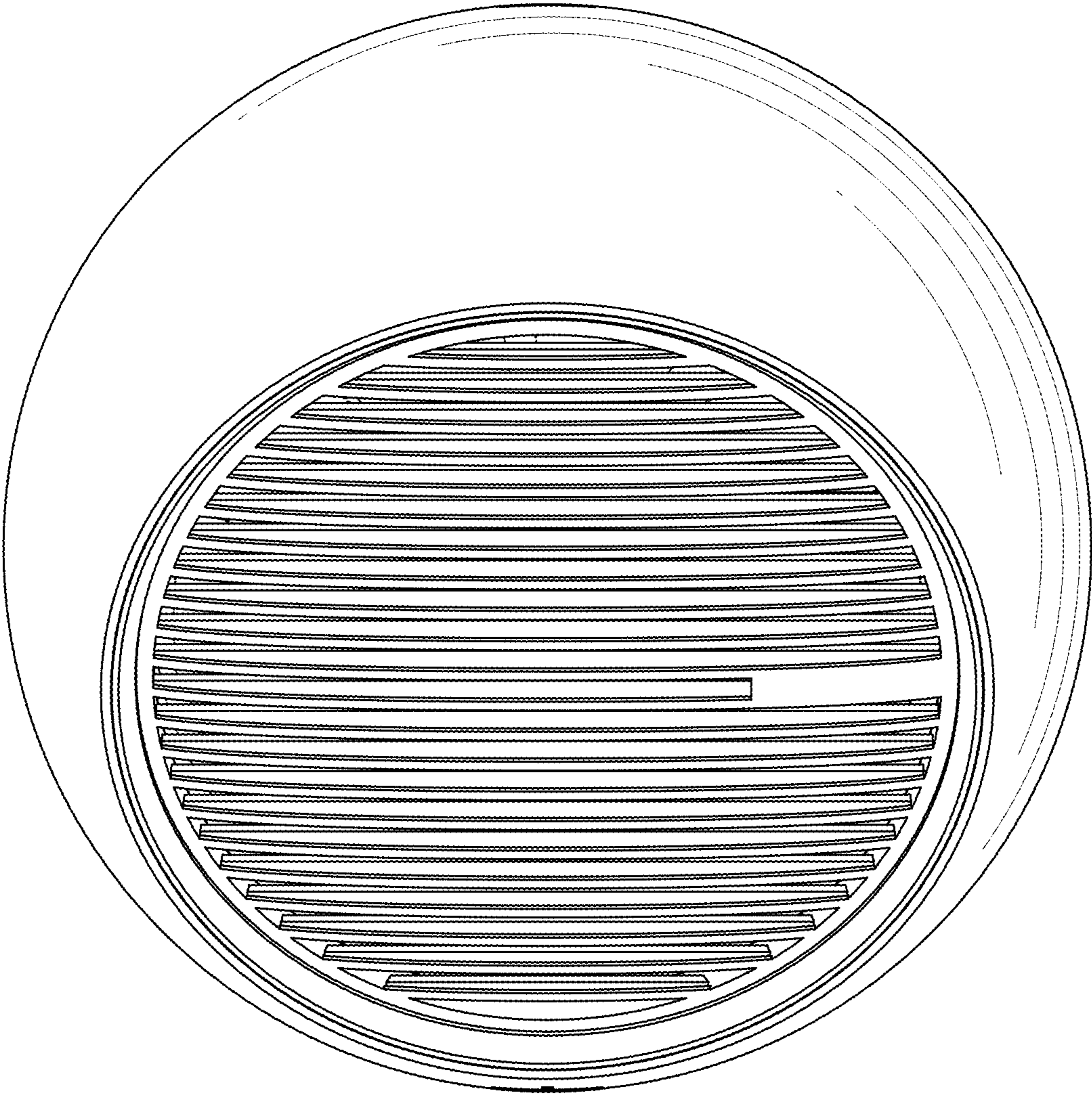


FIG. 7

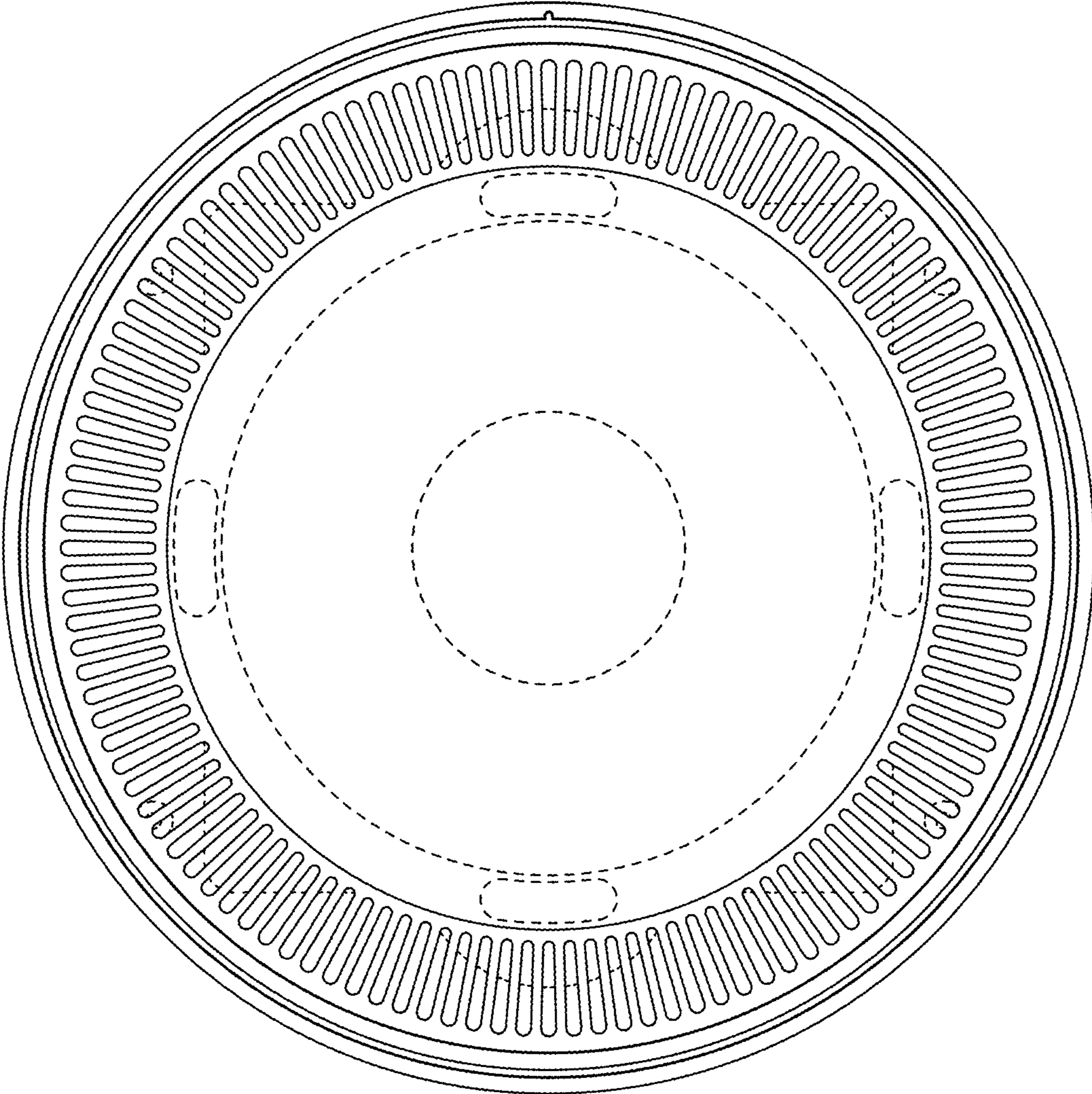


FIG. 8