



US00D967367S

(12) **United States Design Patent** (10) **Patent No.:** **US D967,367 S**
Han et al. (45) **Date of Patent:** **** Oct. 18, 2022**

(54) **AIR PURIFIER**

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(57) **CLAIM**

We claim the ornamental design for an air purifier, as shown and described.

(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

DESCRIPTION

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

FIG. 1 is a perspective view of an air purifier showing the new design;

(21) Appl. No.: **29/721,778**

FIG. 2 is a front elevation view thereof;

(22) Filed: **Jan. 23, 2020**

FIG. 3 is a rear elevation view thereof;

(30) **Foreign Application Priority Data**

Jul. 25, 2019 (KR) 30-2019-0035874

FIG. 4 is a left-side elevation view thereof;

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

FIG. 5 is a right-side elevation view thereof;

(52) **U.S. Cl.**

USPC **D23/364**

FIG. 6 is a top plan view thereof;

(58) **Field of Classification Search**

USPC .. D7/536, 538, 553.8, 554.2, 602–604, 612; D9/428, 545, 738, 763–764, 767; D23/332–335, 337, 342, 352, 355–366, D23/369–370; D5/1–3, 56–63

FIG. 7 is a bottom plan view thereof;

CPC .. A61L 9/00; A61L 9/22; B01D 47/00; B01D 47/027; B01D 2259/4508; B03C 3/155;

FIG. 8 is a perspective view thereof showing the circulator part at an angle;

(Continued)

FIG. 9 is a front elevation view thereof;

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FIG. 10 is a rear elevation view thereof;

(Continued)

FIG. 11 is a left-side elevation view thereof;

FIG. 12 is a right-side elevation view thereof;

FIG. 13 is a top plan view thereof;

FIG. 14 is a bottom plan view thereof;

FIG. 15 is a perspective view thereof showing the circulator part at another angle;

FIG. 16 is a front elevation view thereof;

FIG. 17 is a rear elevation view thereof;

FIG. 18 is a left-side elevation view thereof;

FIG. 19 is a right-side elevation view thereof;

FIG. 20 is a top plan view thereof;

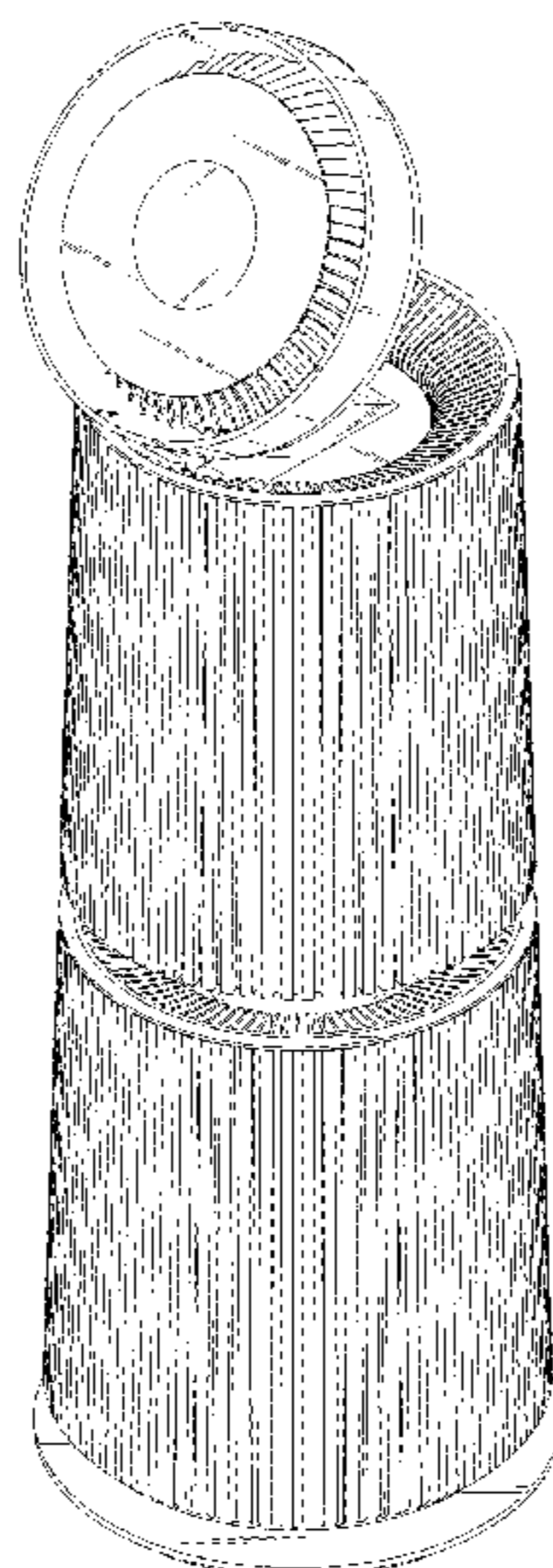
FIG. 21 is a bottom plan view thereof; and,

FIG. 22 is a partial perspective view thereof showing the air purifier in a state of use.

The evenly spaced broken lines and unshaded areas depict portions of the air purifier that form no part of the claimed design. The dot dash dot broken line in FIG. 22 denotes the boundary of the partial view and forms no part of the claimed design.

Primary Examiner — Karen S Acker

1 Claim, 22 Drawing Sheets



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(58) **Field of Classification Search**

CPC ... B03C 3/368; F24F 3/16; F24F 13/20; F24F 13/28

See application file for complete search history.

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FIG. 1

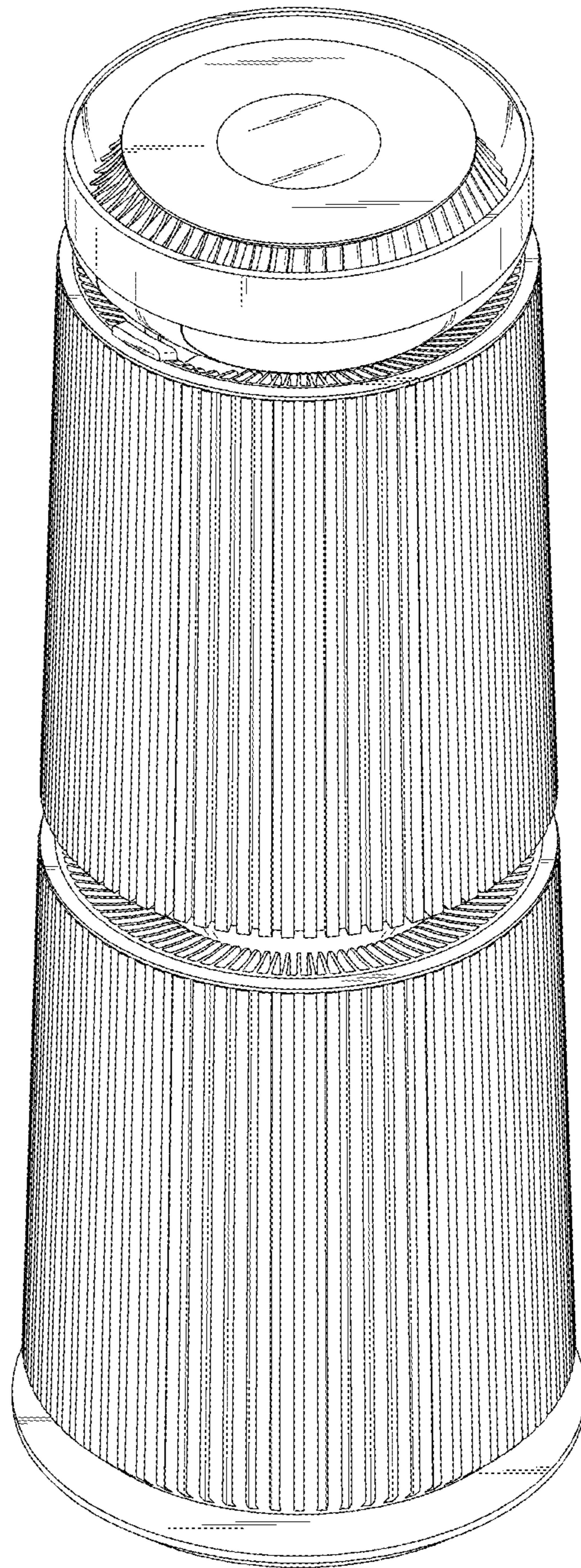


FIG. 2

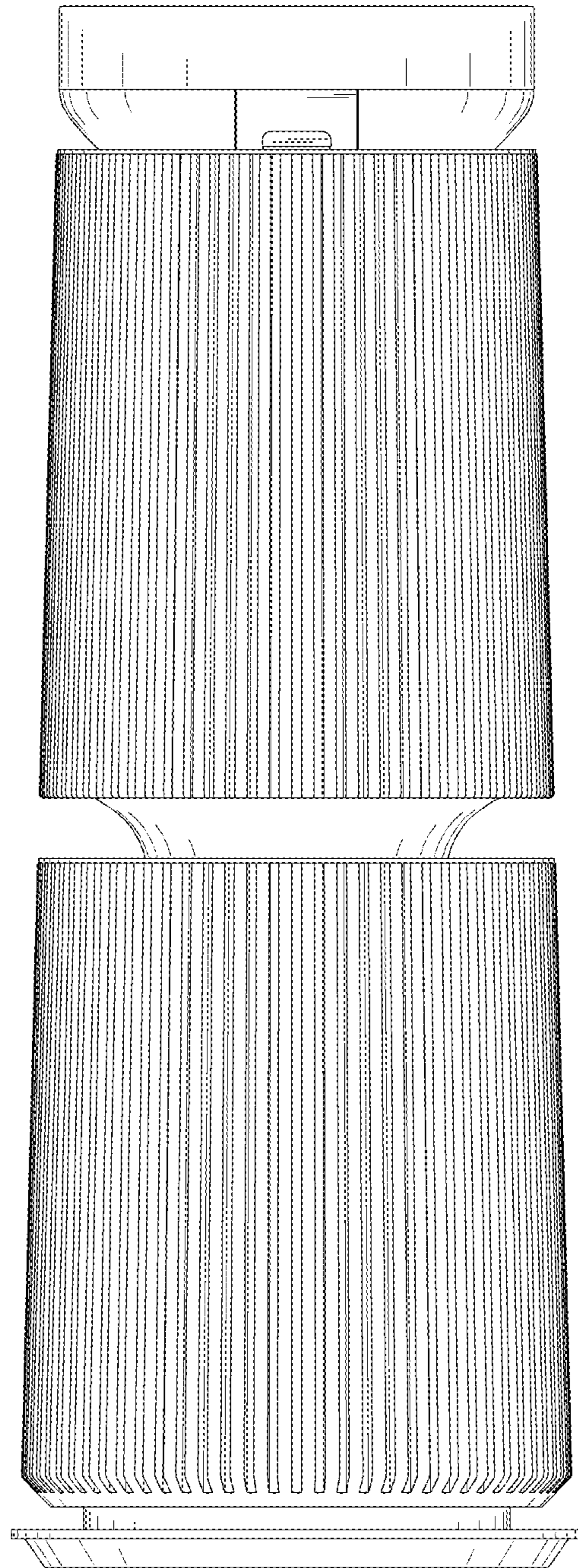


FIG. 3

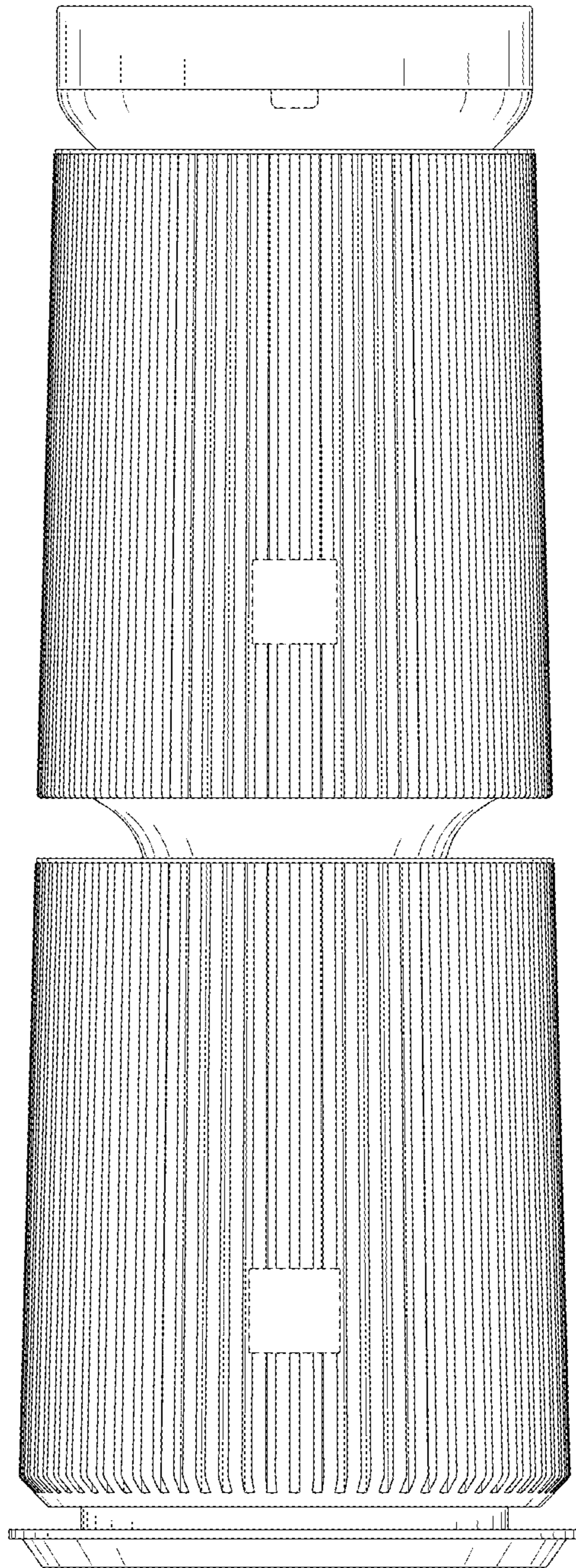


FIG. 4

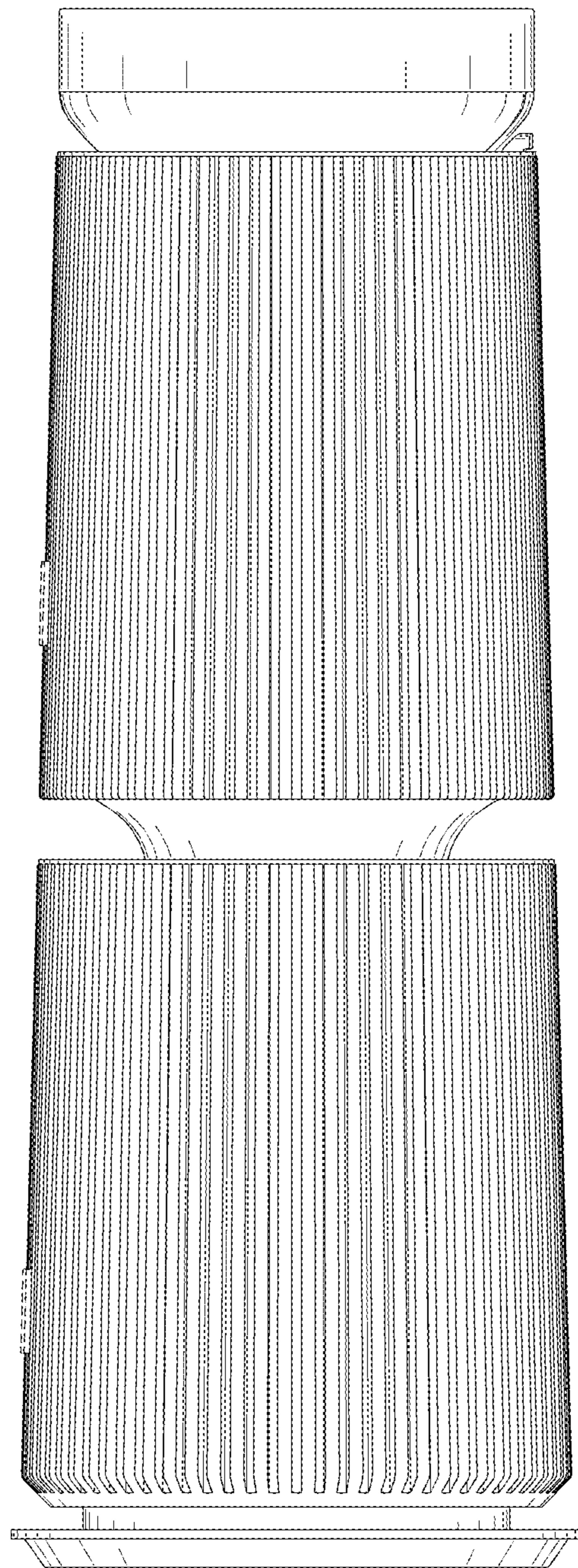


FIG. 5

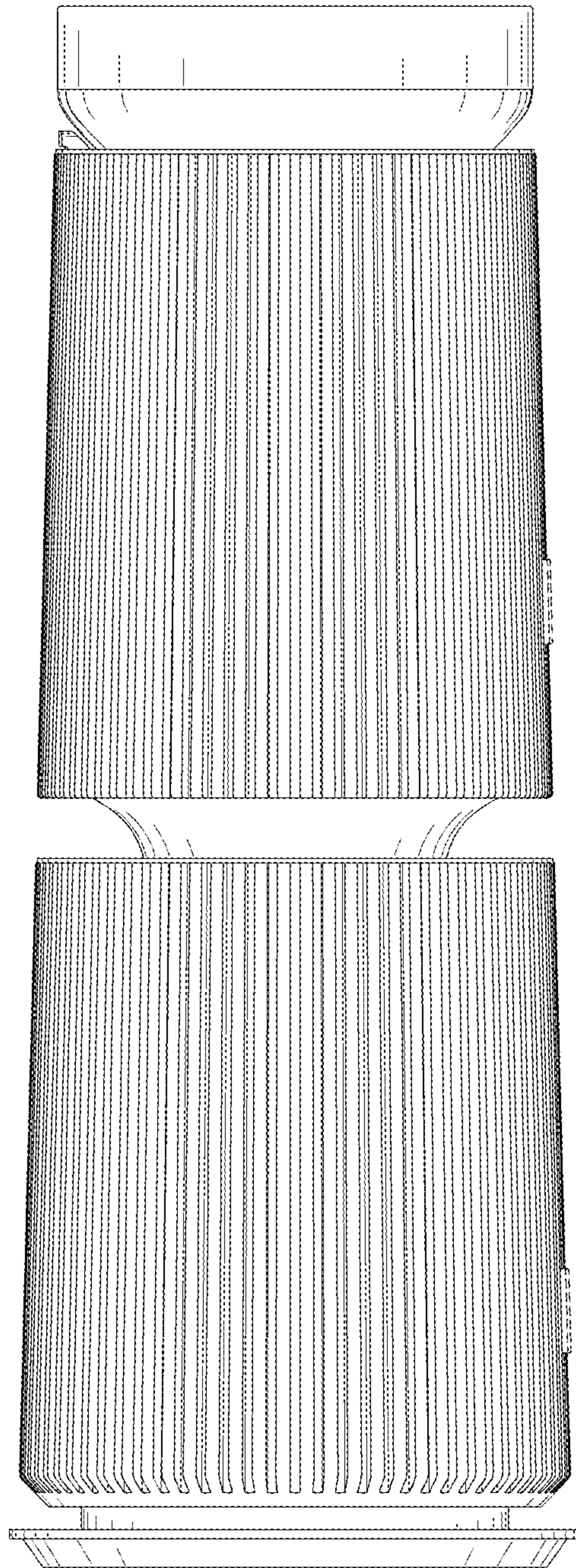


FIG. 6

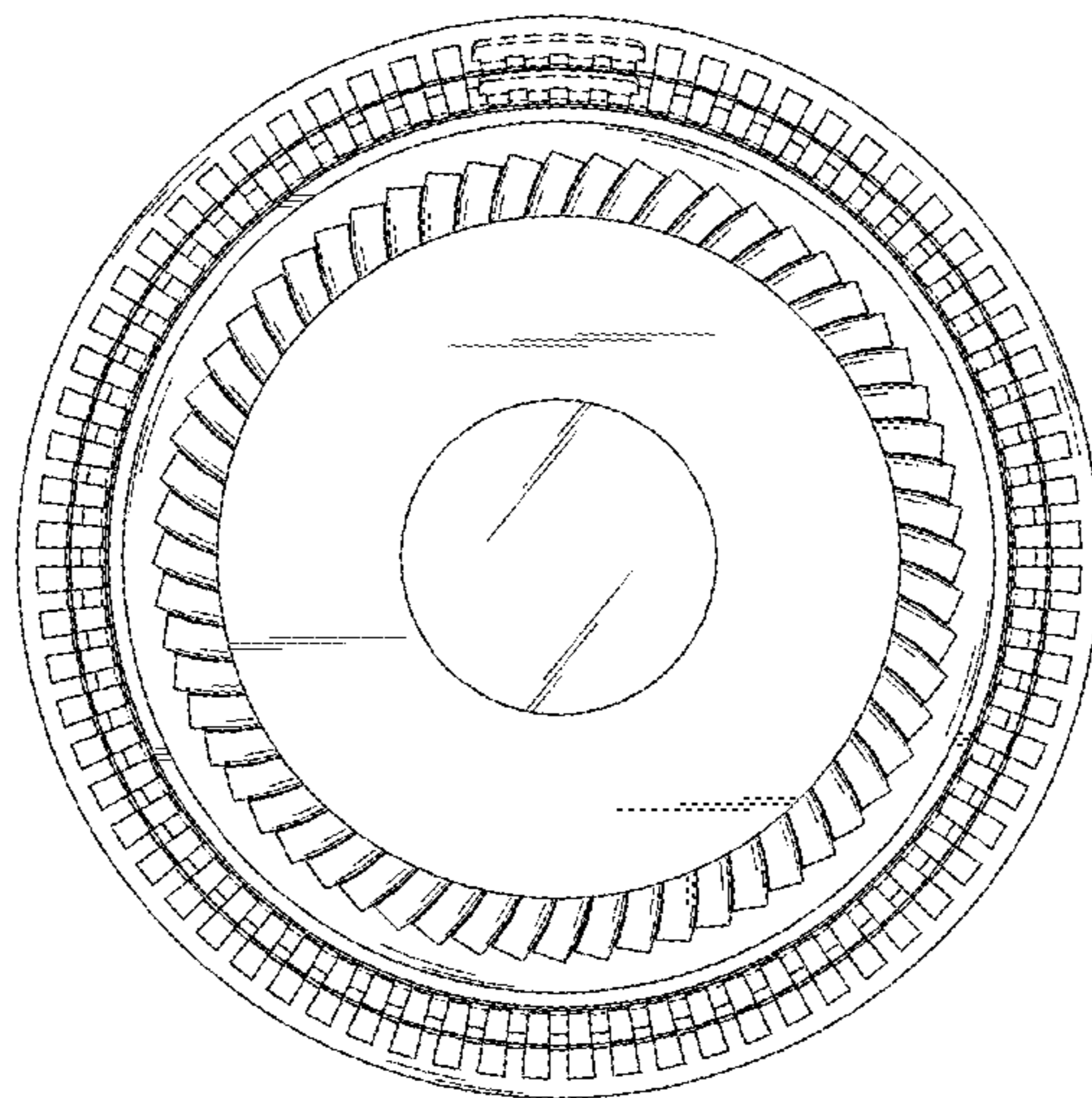


FIG. 7

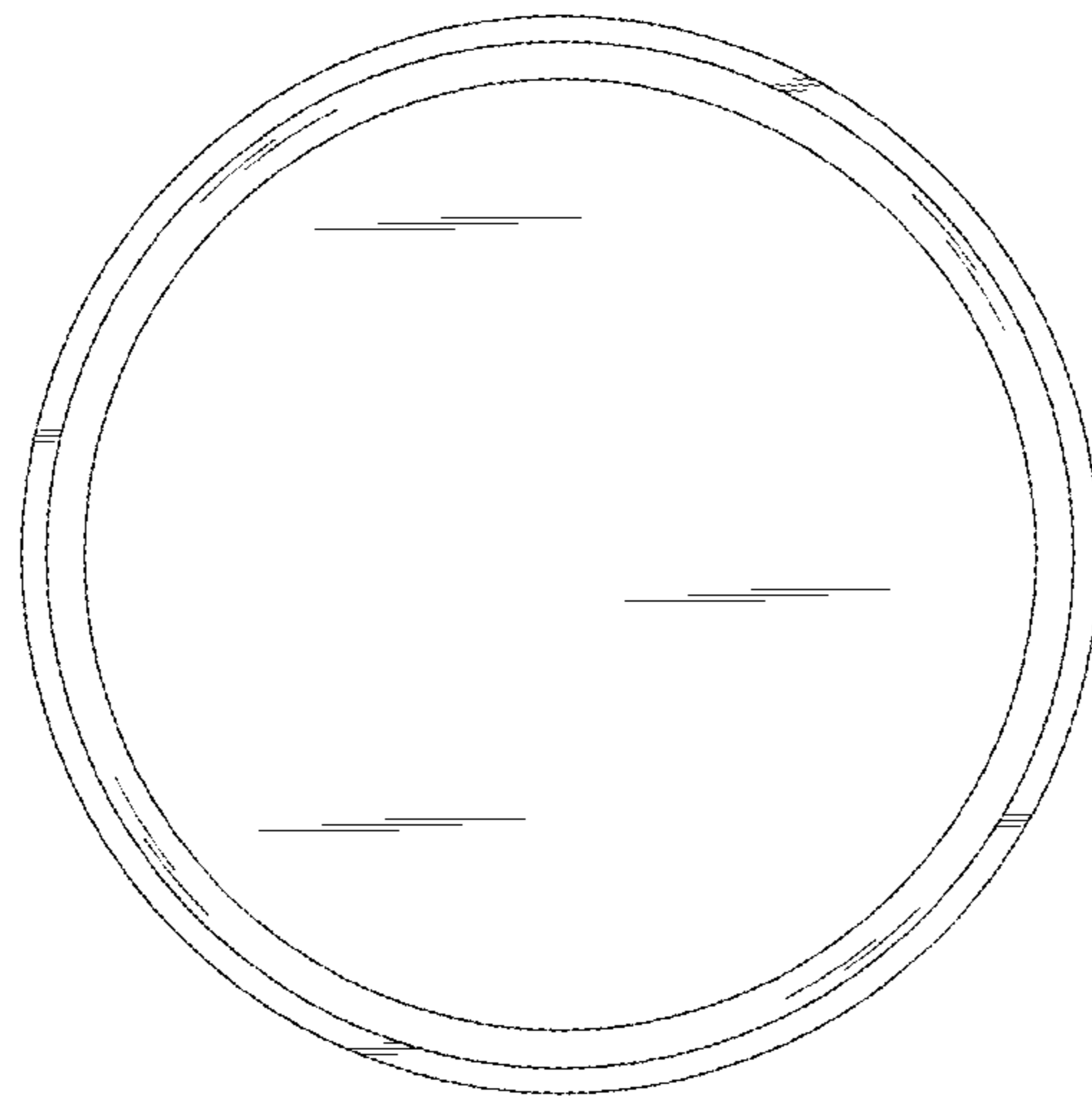


FIG. 8

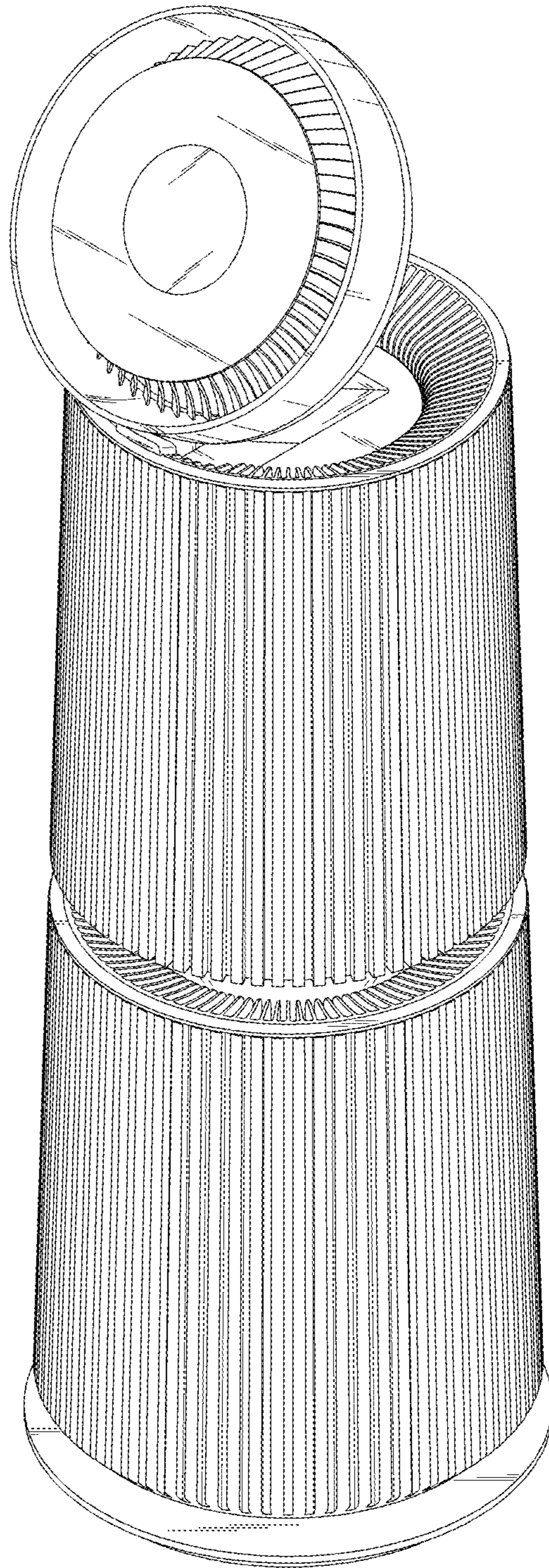


FIG. 9

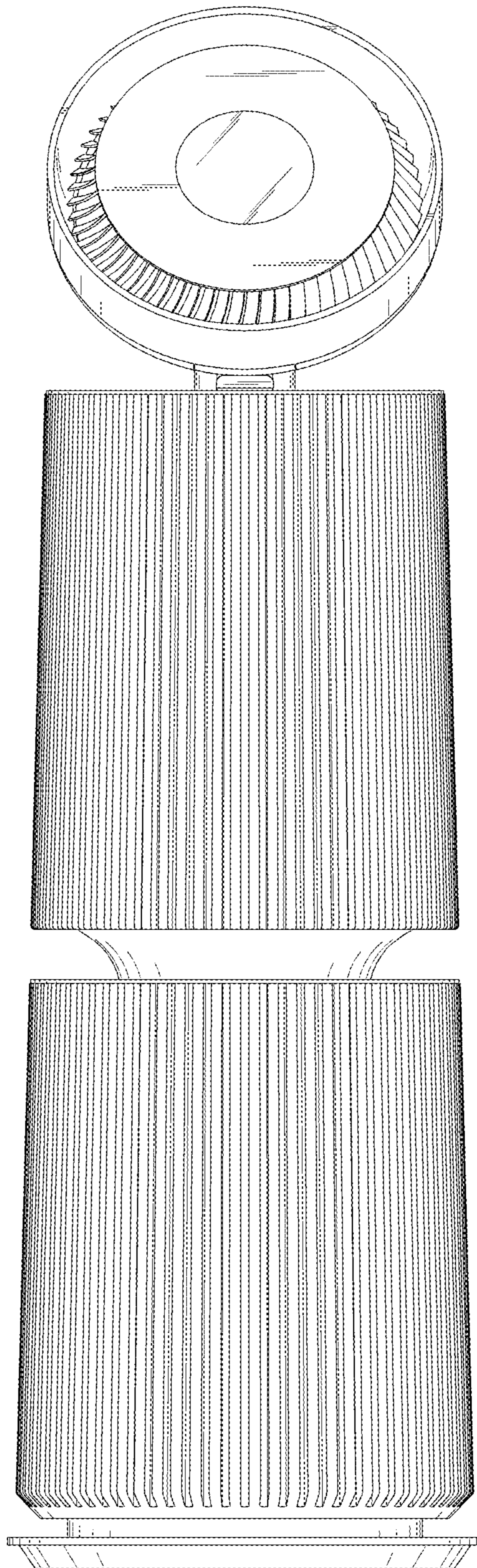


FIG. 10

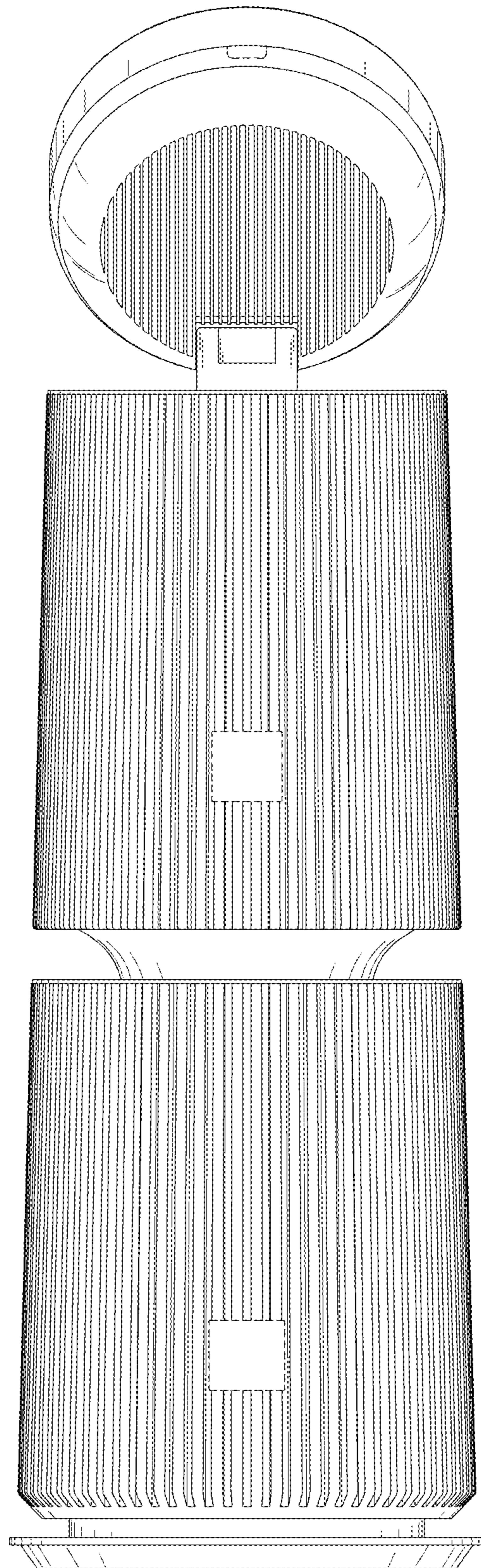


FIG. 11

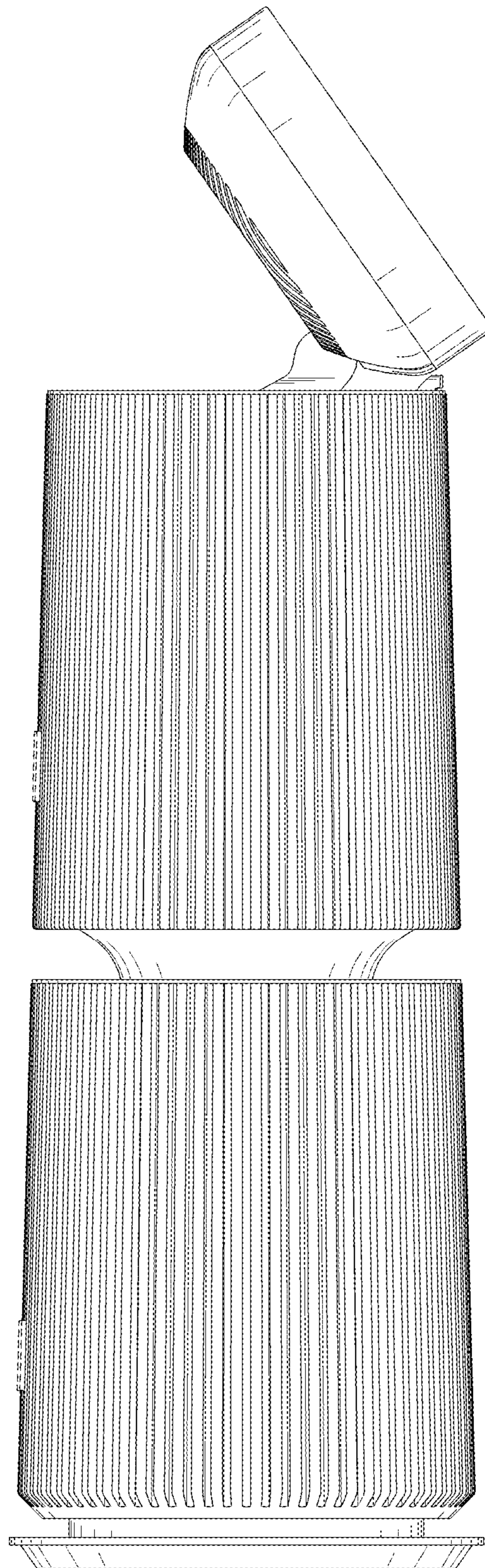


FIG. 12

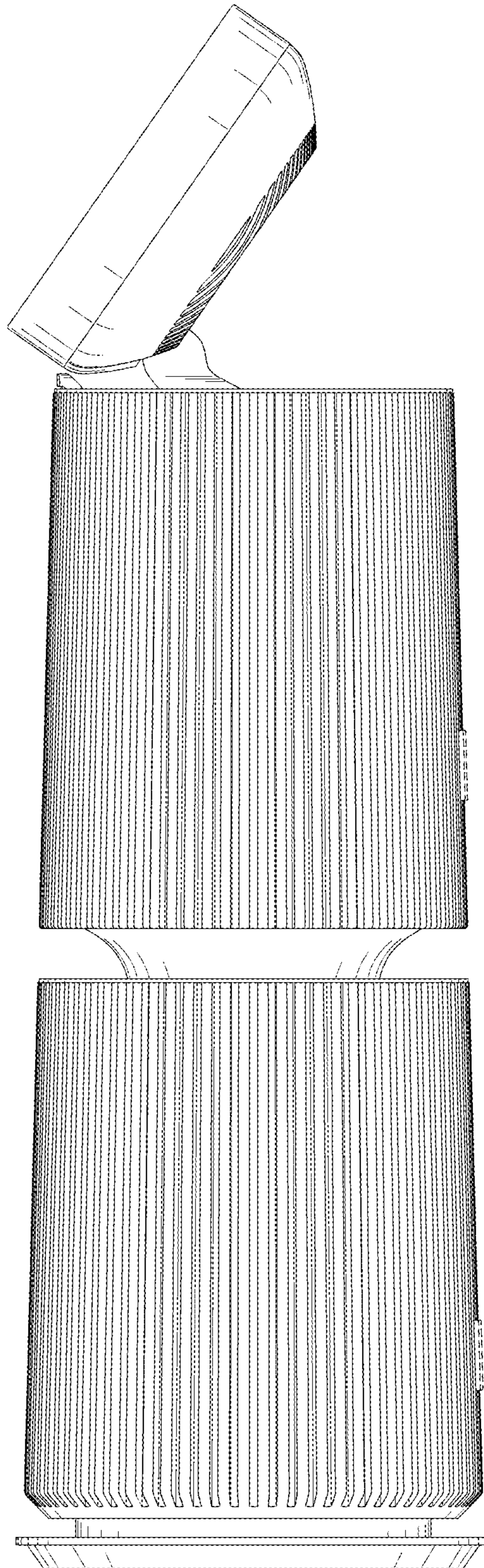


FIG. 13

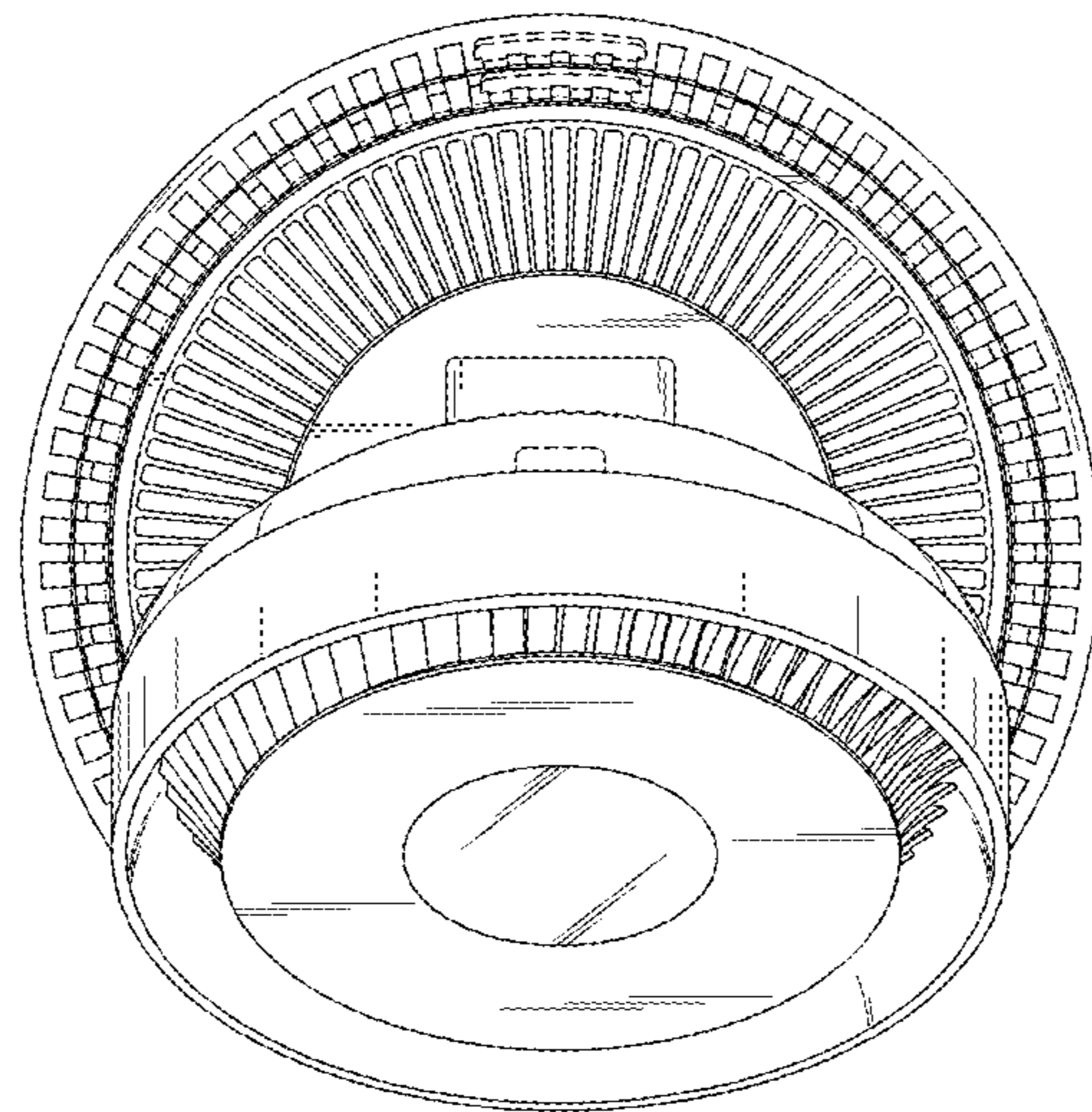


FIG. 14

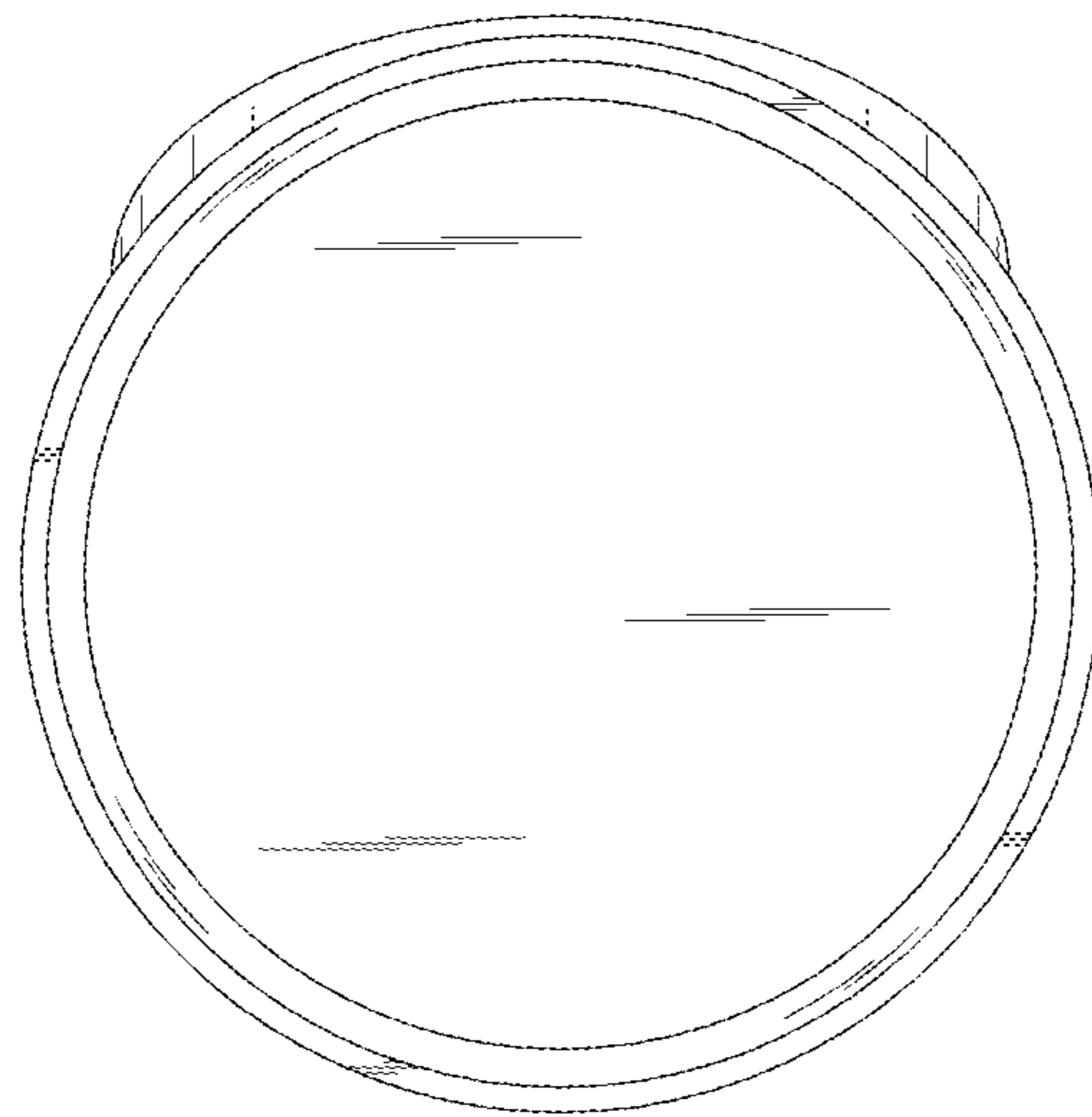


FIG. 15

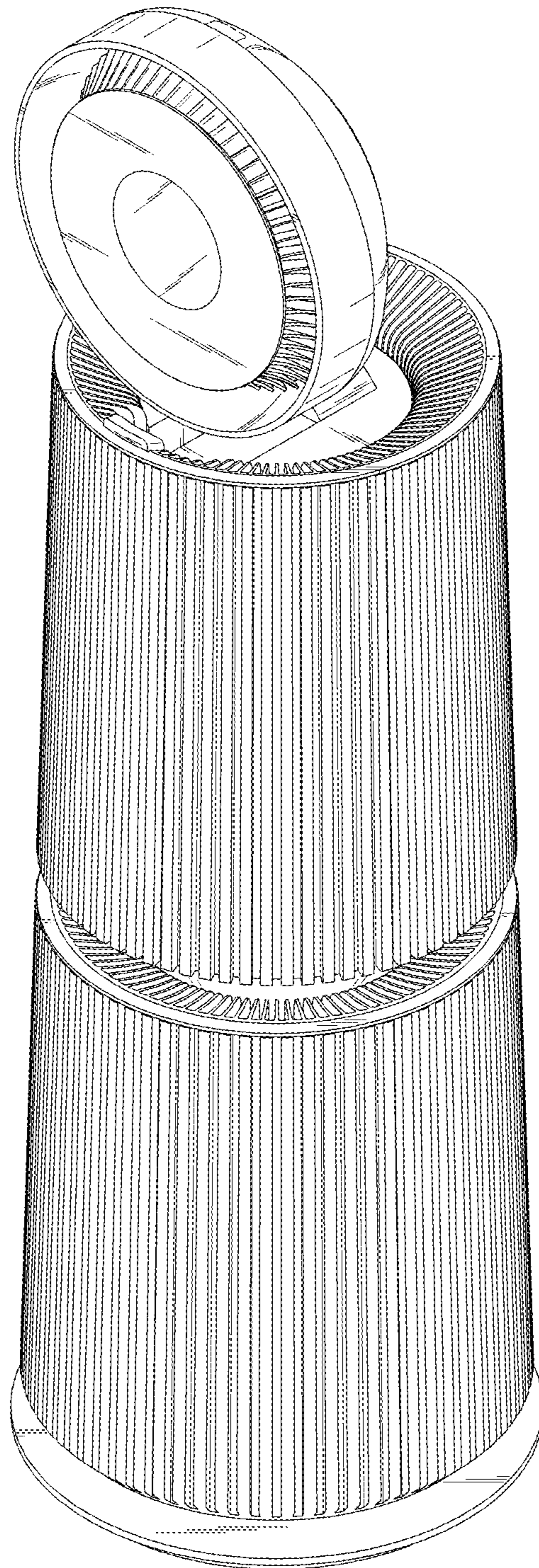


FIG. 16

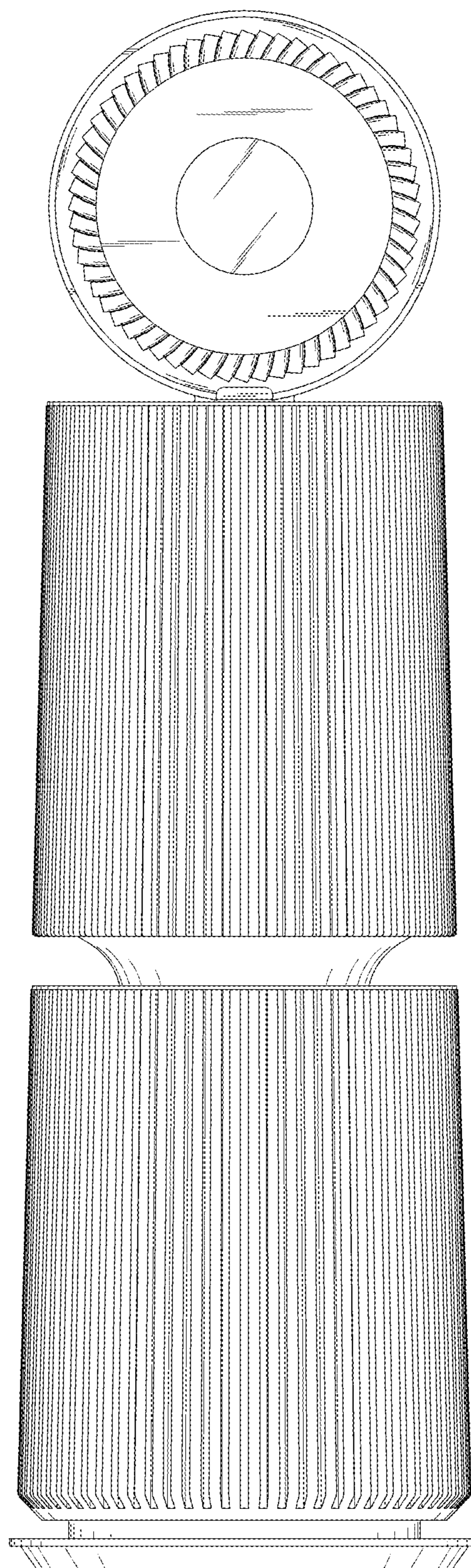


FIG. 17

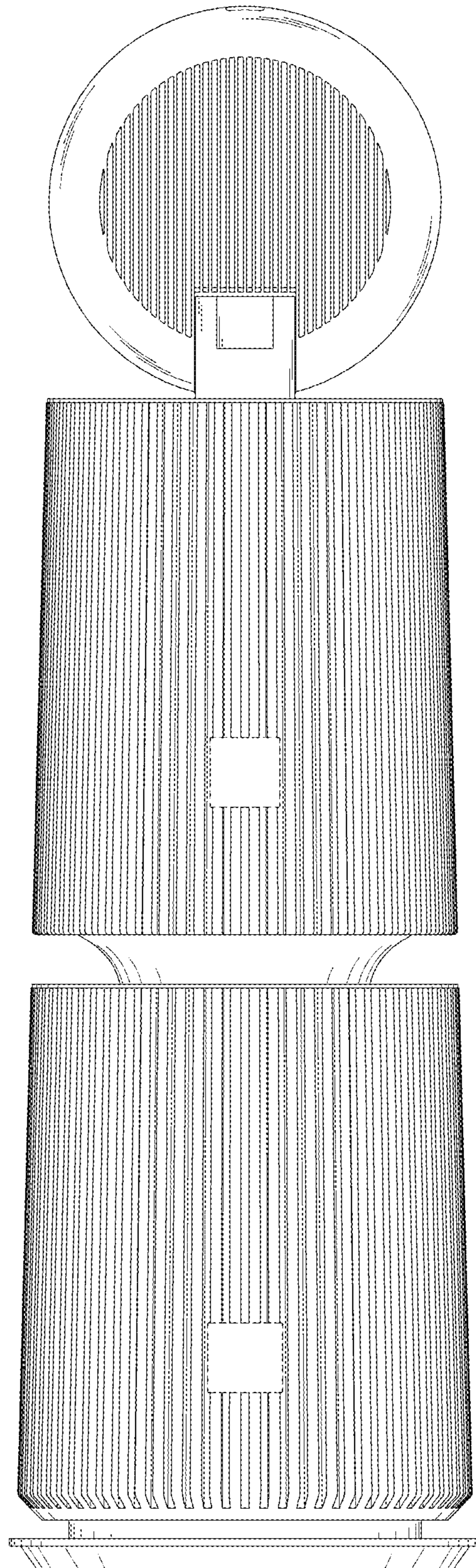


FIG. 18

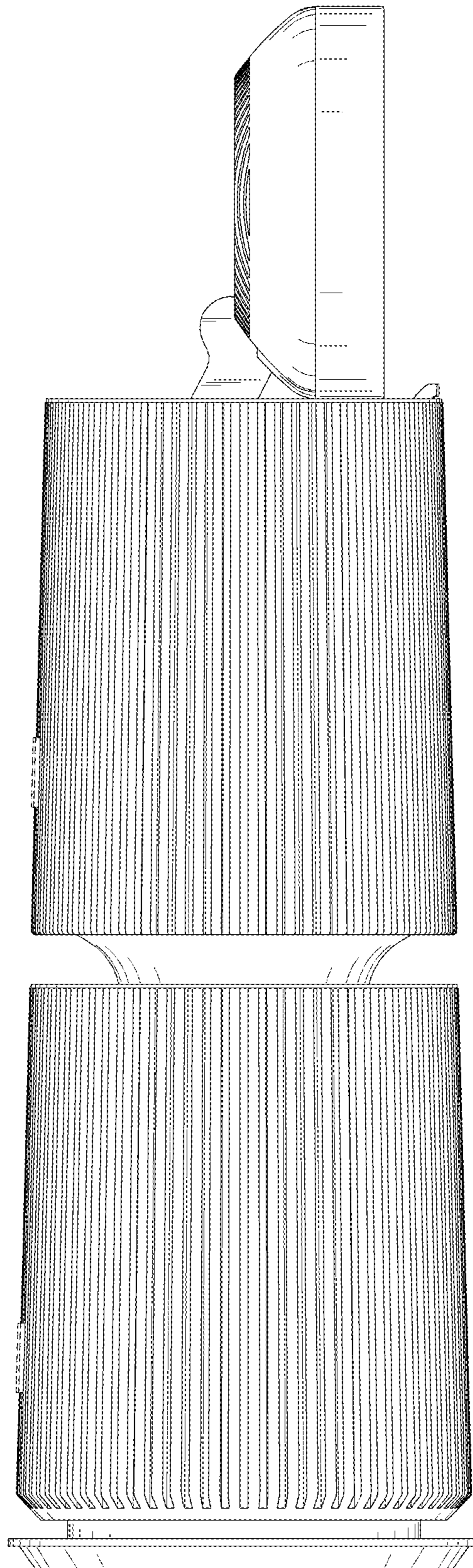


FIG. 19

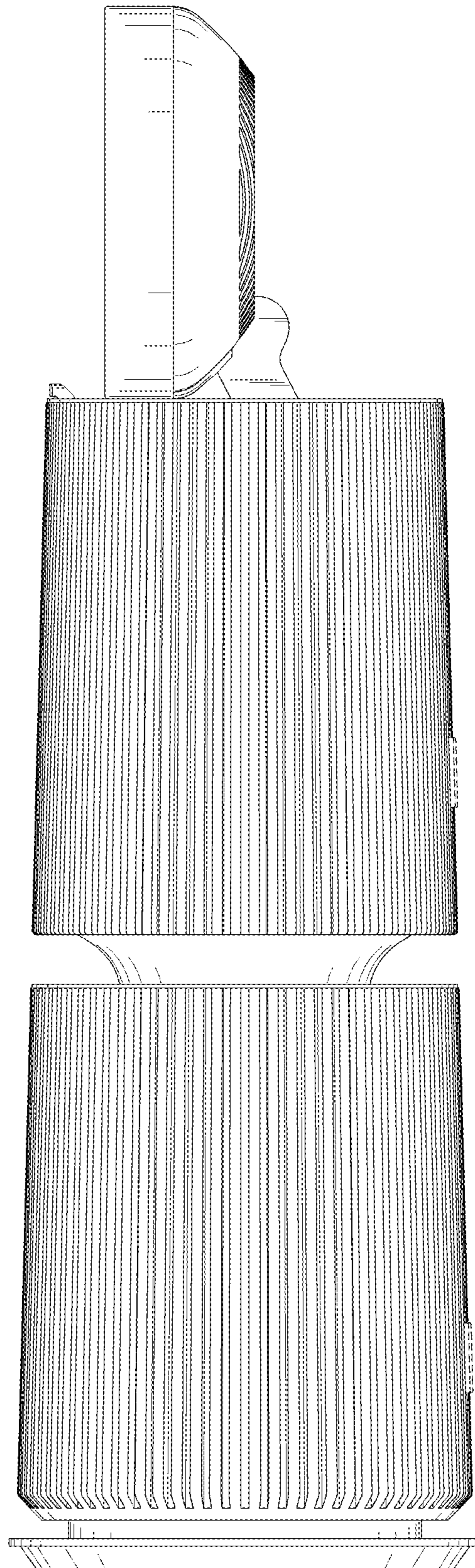


FIG. 20

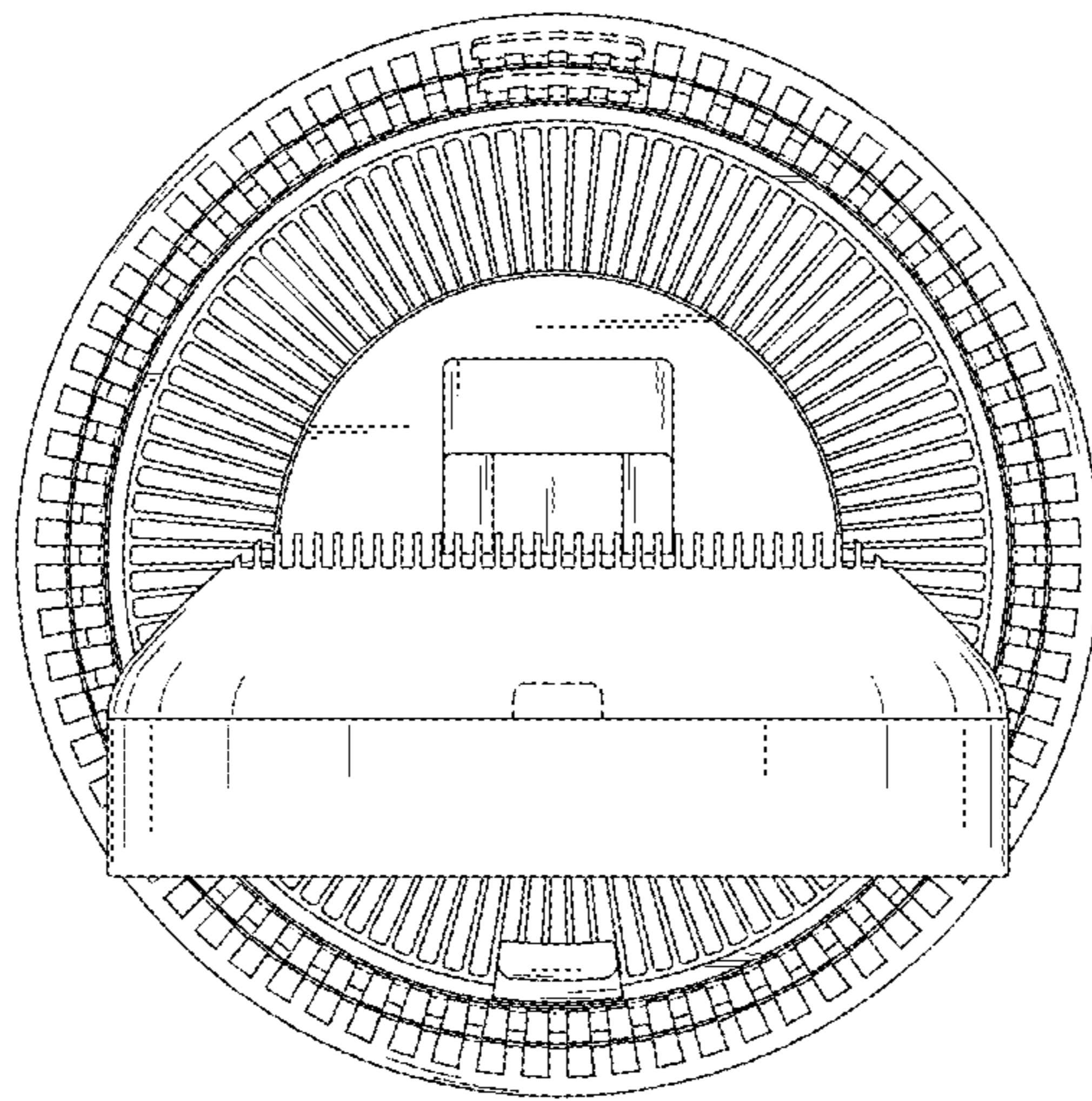


FIG. 21

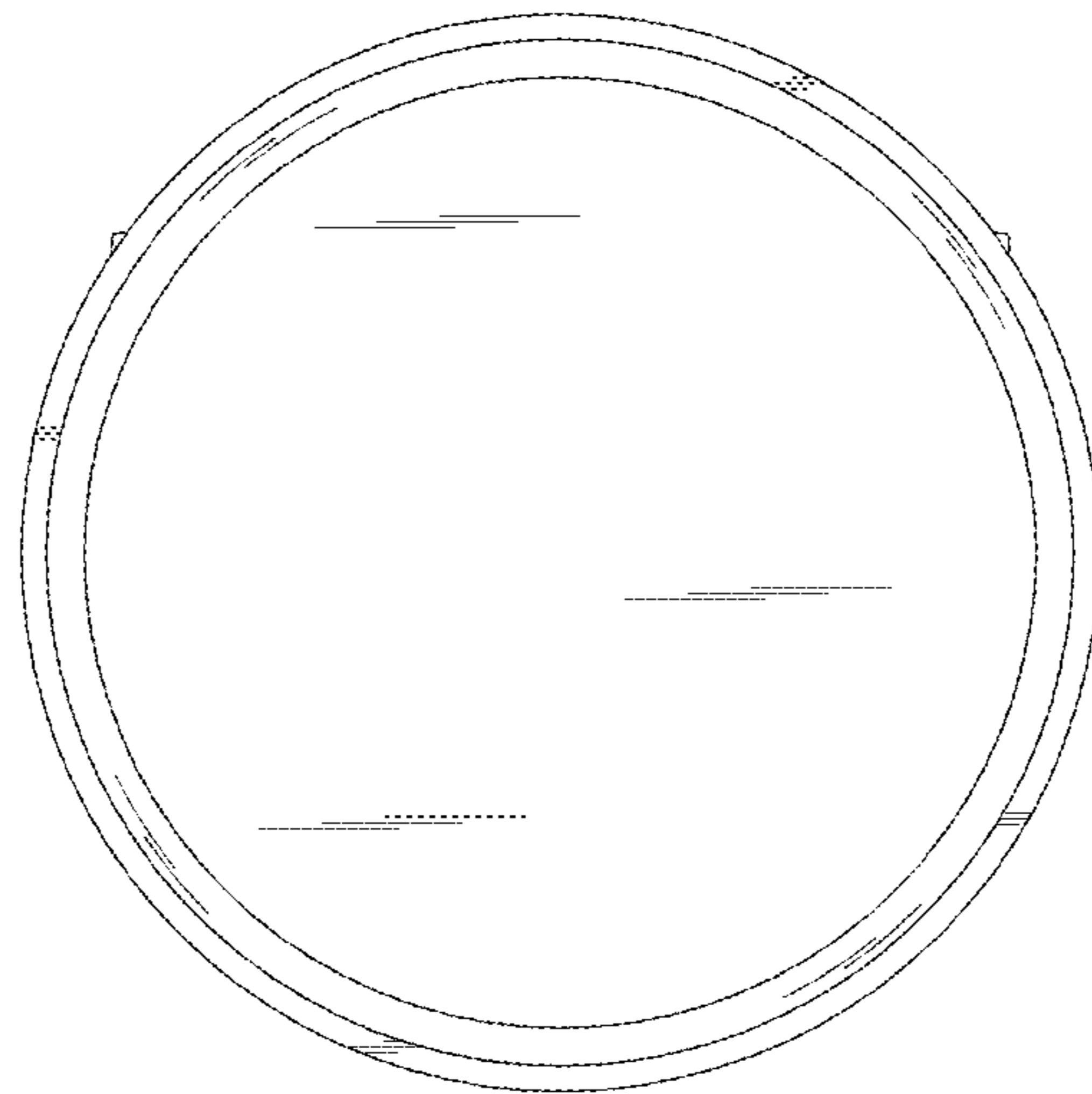


FIG. 22

