



US00D957609S

(12) **United States Design Patent** (10) **Patent No.:** **US D957,609 S**
Han et al. (45) **Date of Patent:** **** Jul. 12, 2022**

(54) **AIR PURIFIER**

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(KR)

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(KR)

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

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(30) **Foreign Application Priority Data**

Jul. 25, 2019 (KR) 30-2019-0035853

(51) **LOC (13) Cl.** **23-01**

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

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

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Assistant Examiner — Jonathan E Fiencke

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch
& Birch, LLP

(57) **CLAIM**

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

DESCRIPTION

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

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

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

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

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

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

FIG. 9 is a front elevation view thereof;

FIG. 10 is a rear elevation view thereof;

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;

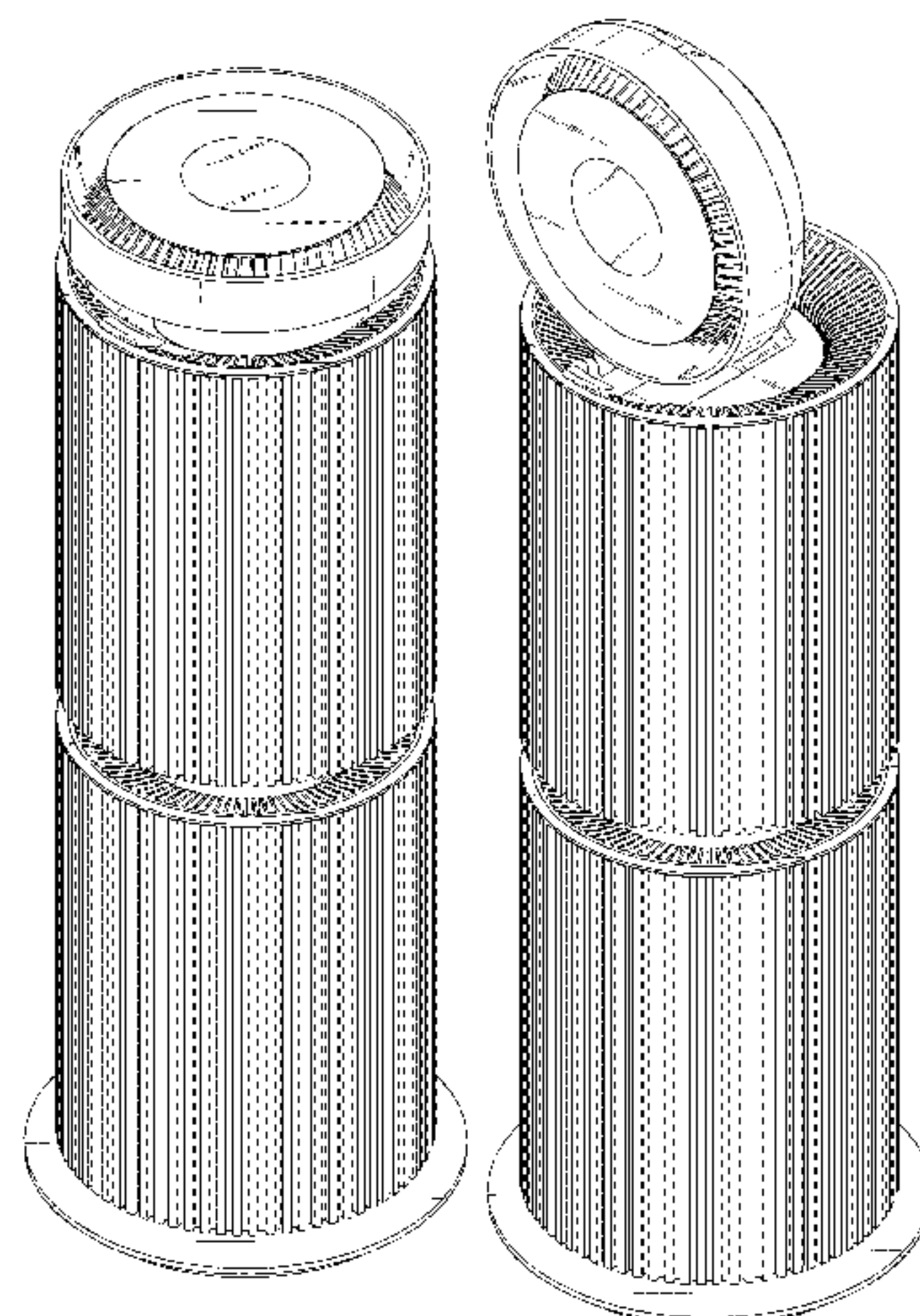
FIG. 20 is a top plan view thereof;

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.

1 Claim, 22 Drawing Sheets



(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

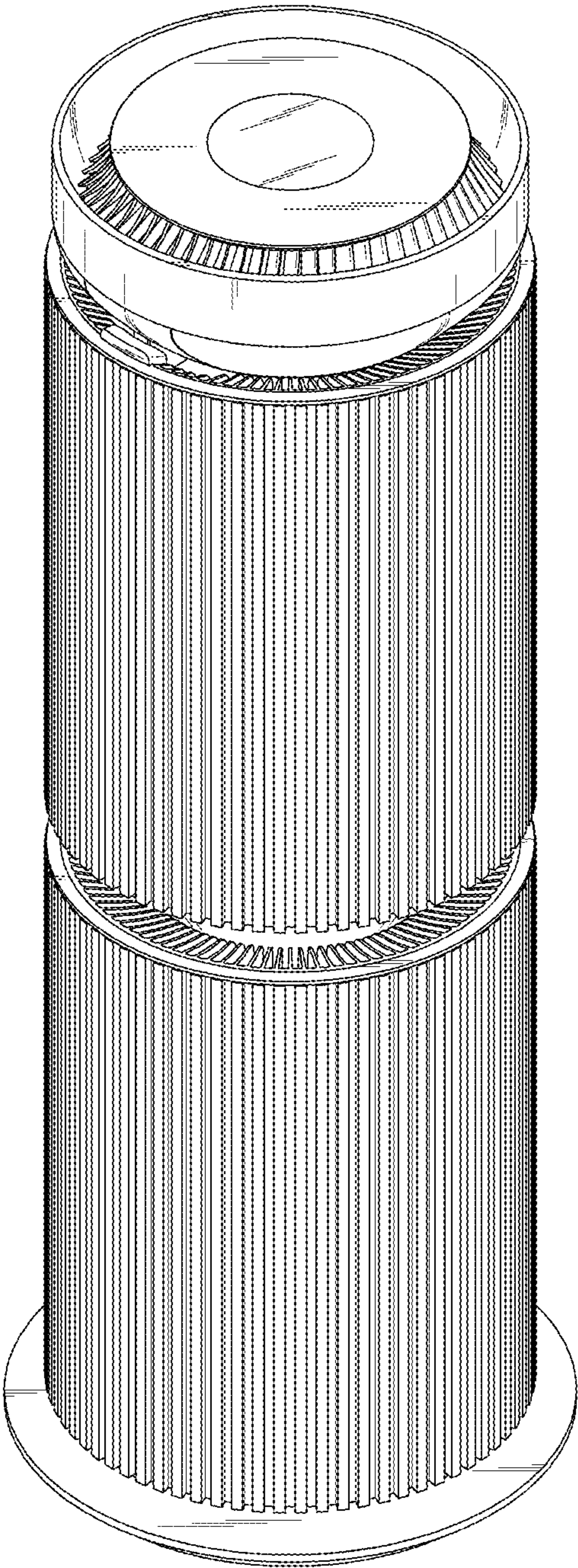


FIG. 2

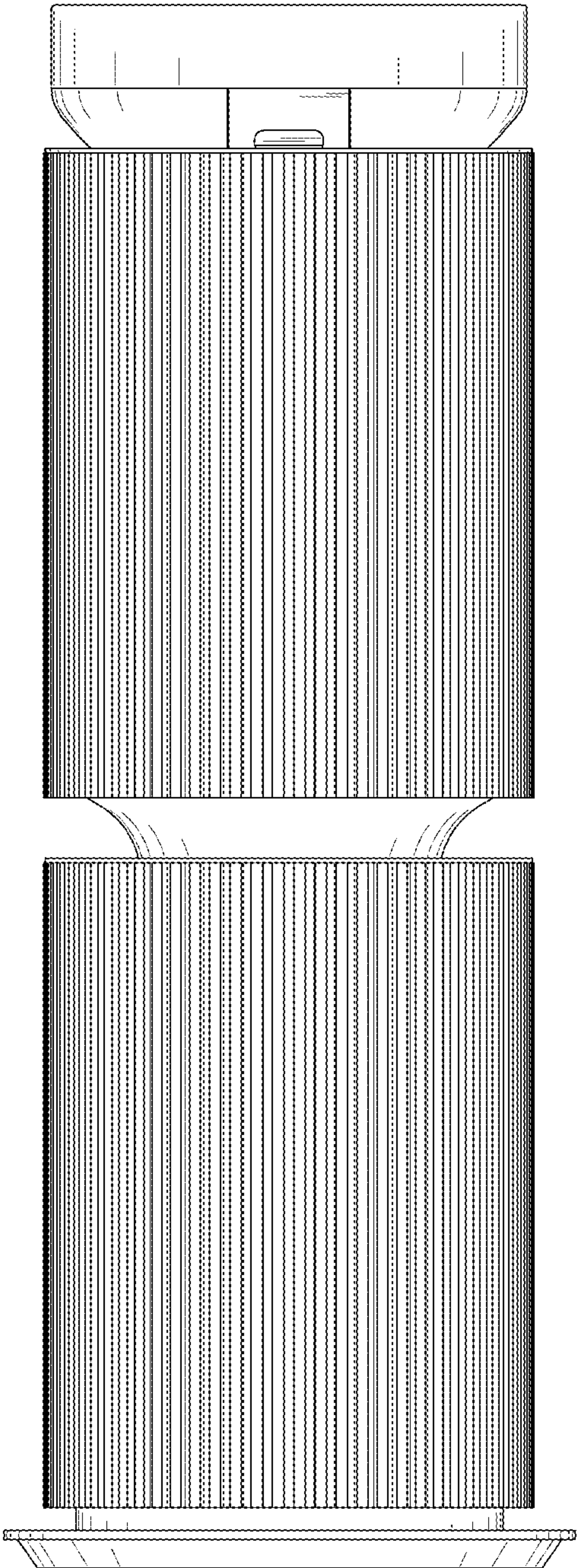


FIG. 3

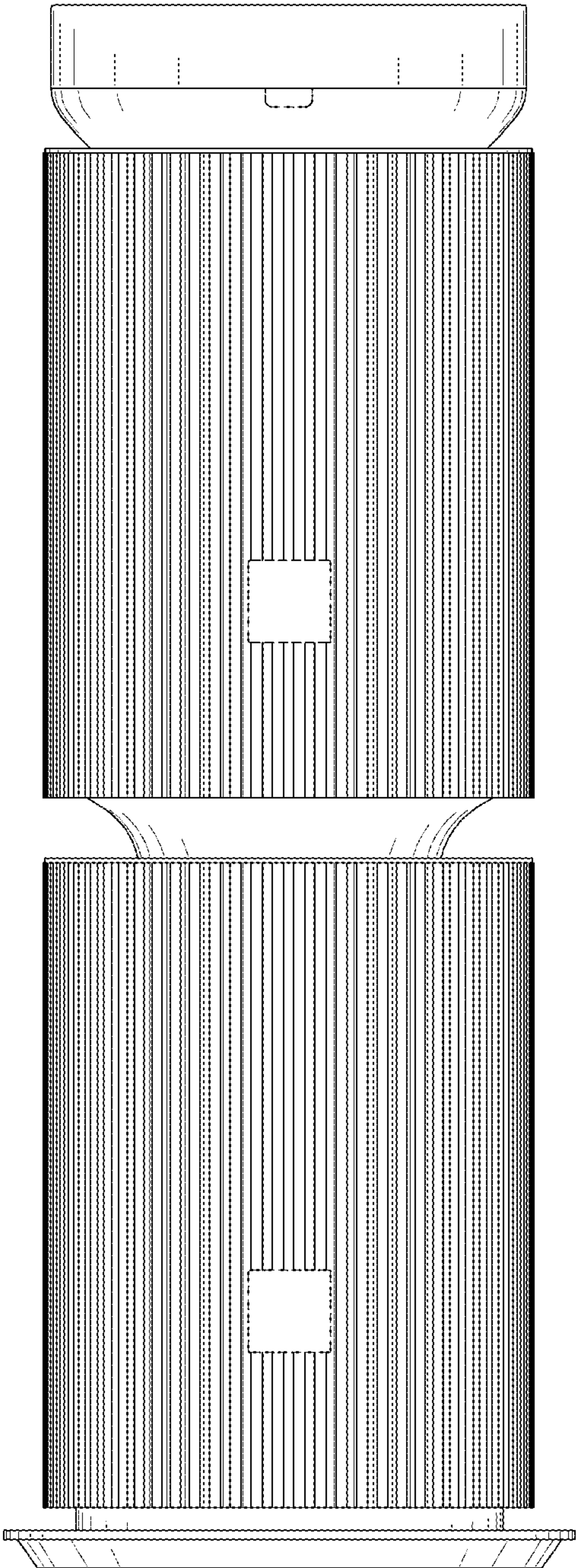


FIG. 4

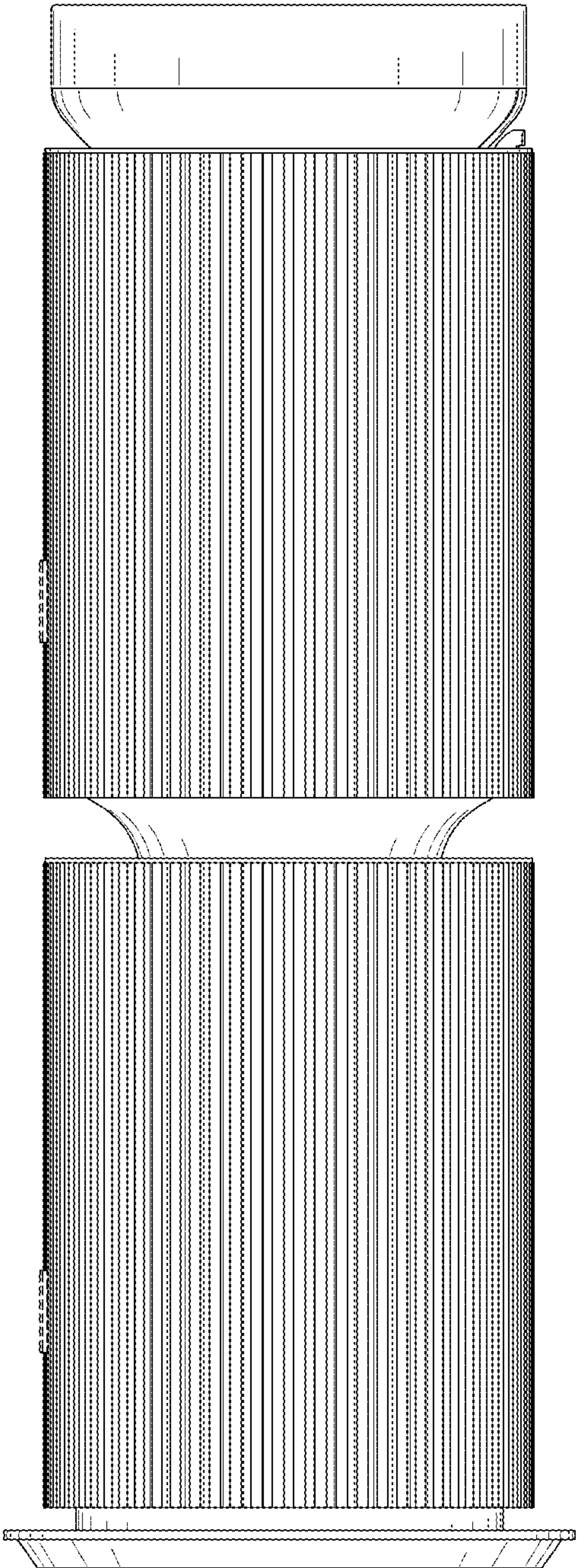


FIG. 5

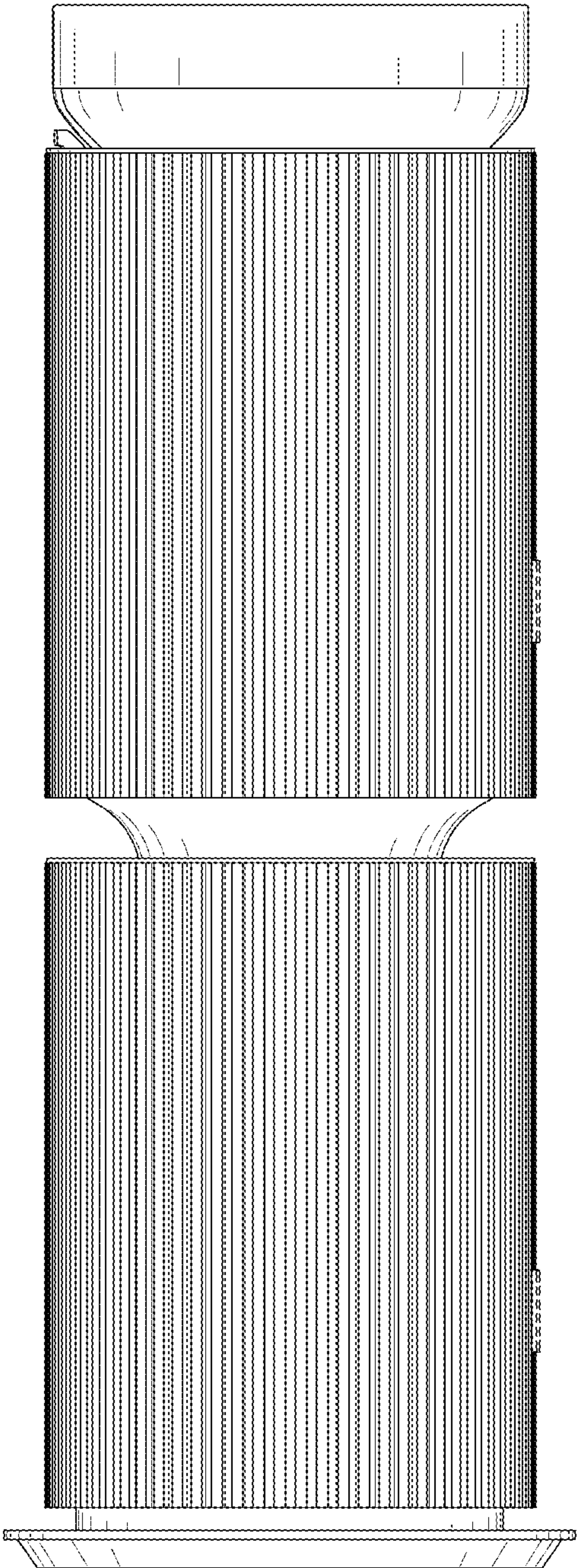


FIG. 6

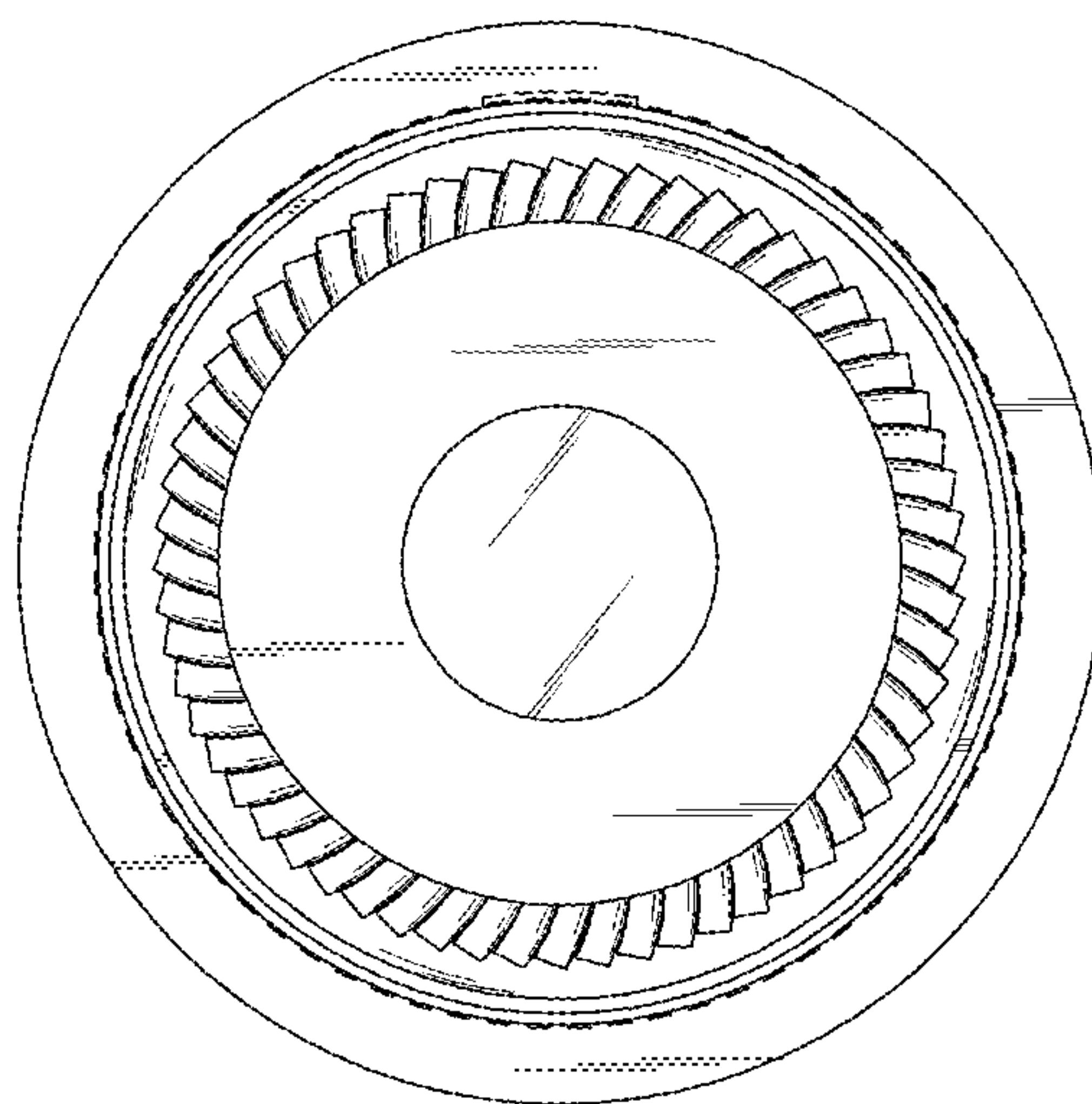


FIG. 7

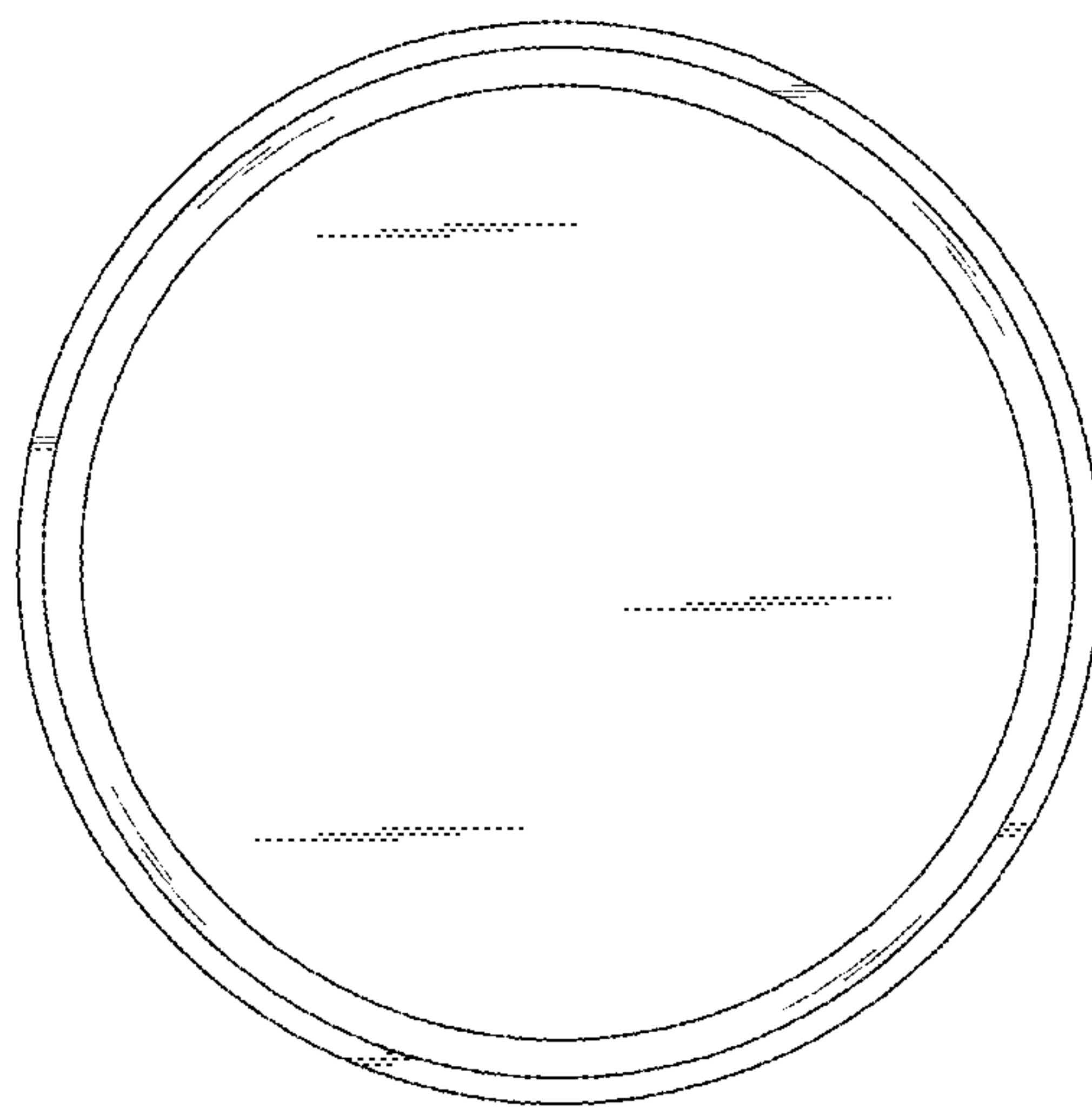


FIG. 8

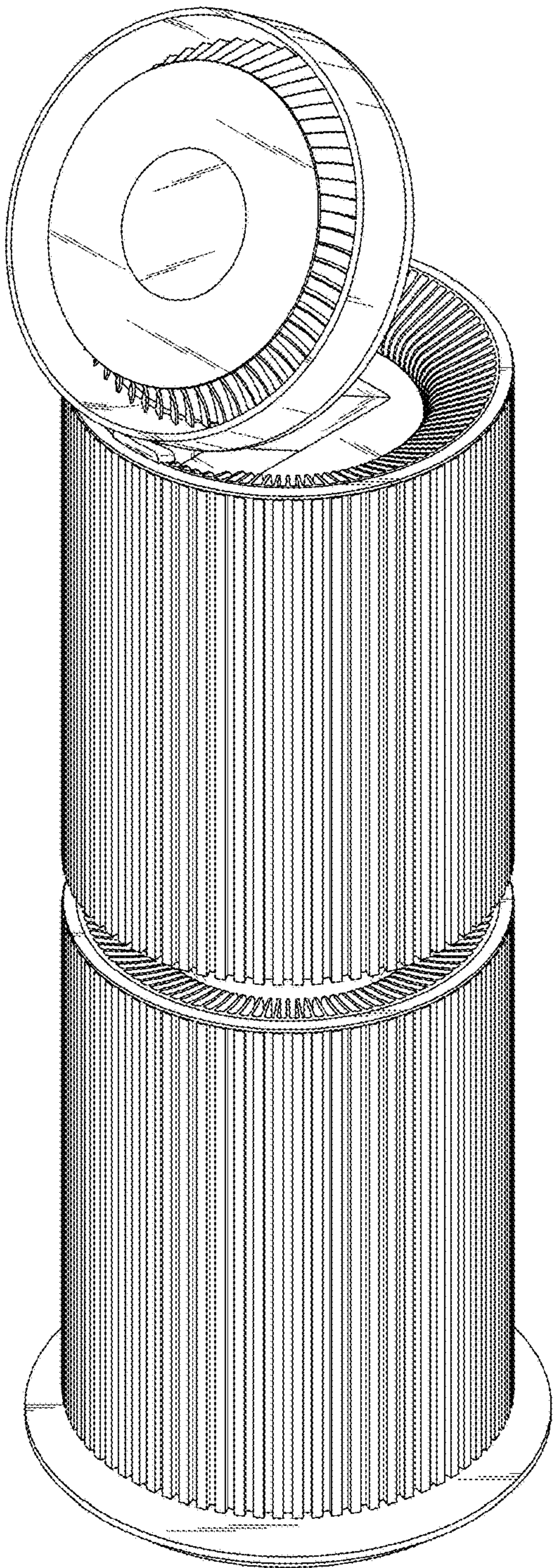


FIG. 9

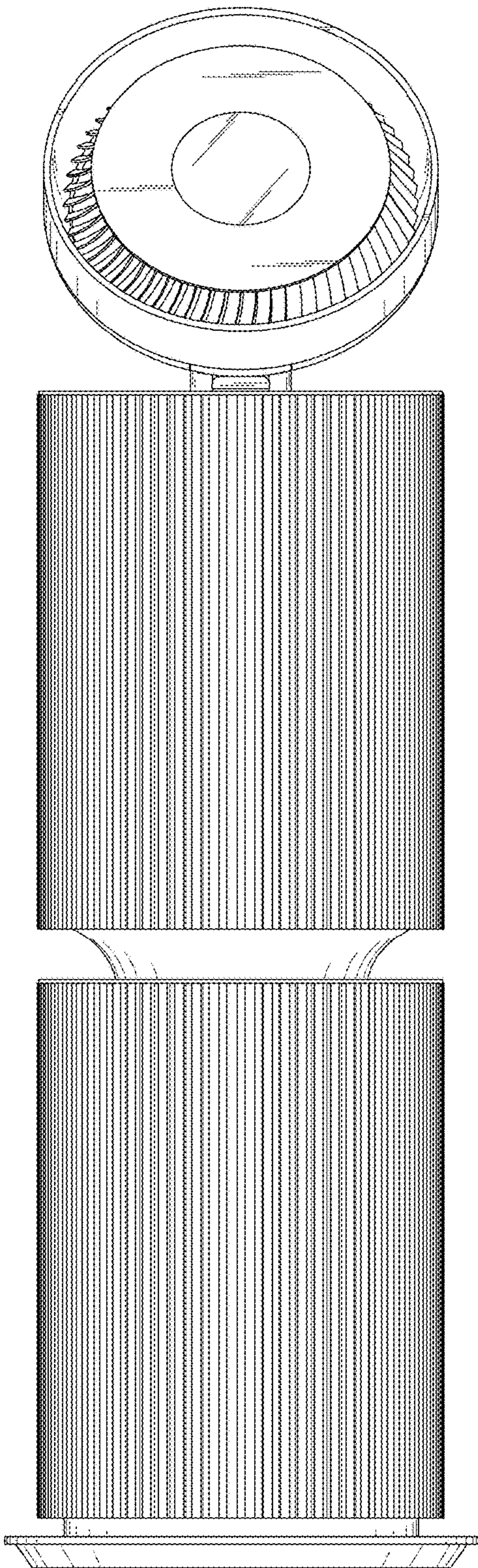


FIG. 10

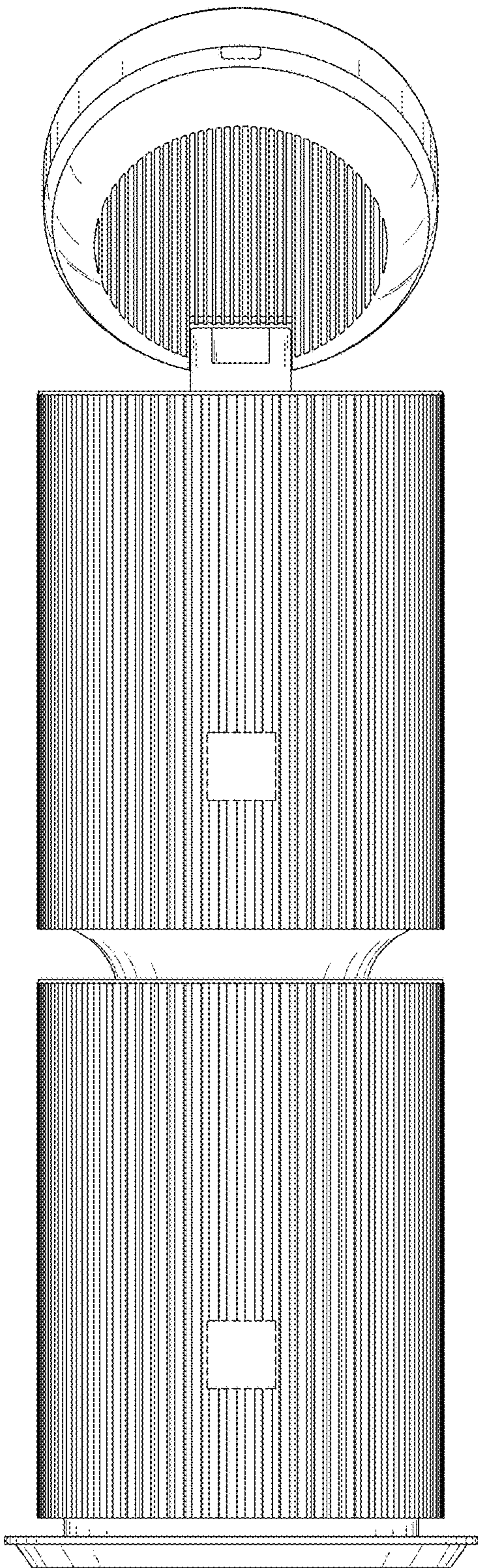


FIG. 11

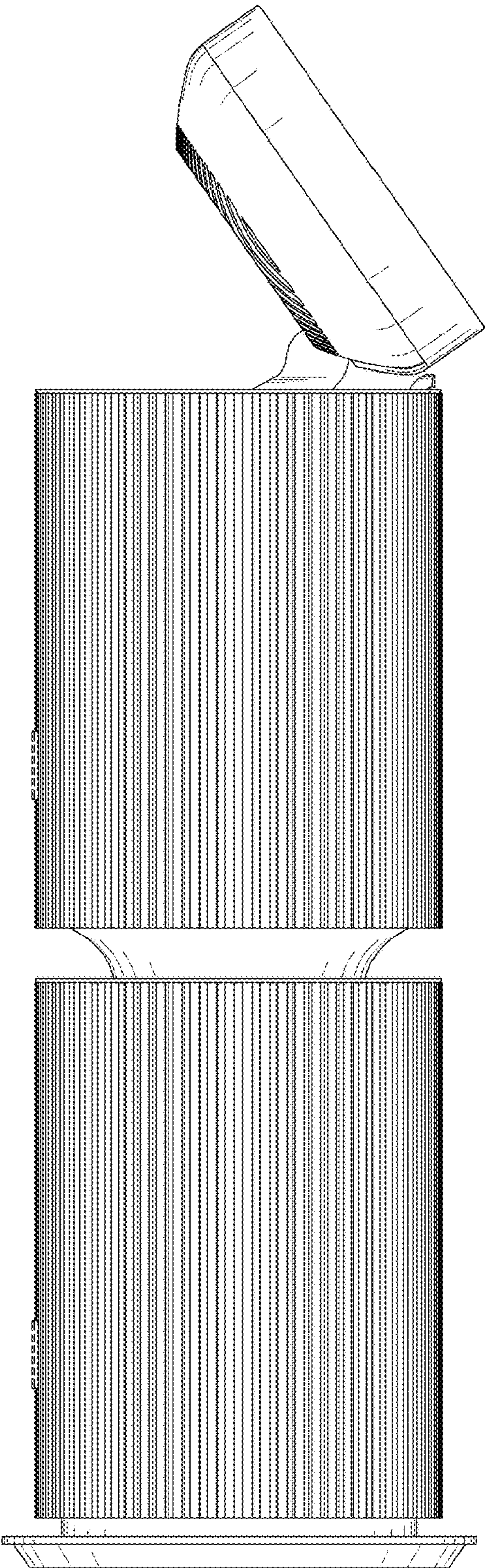


FIG. 12

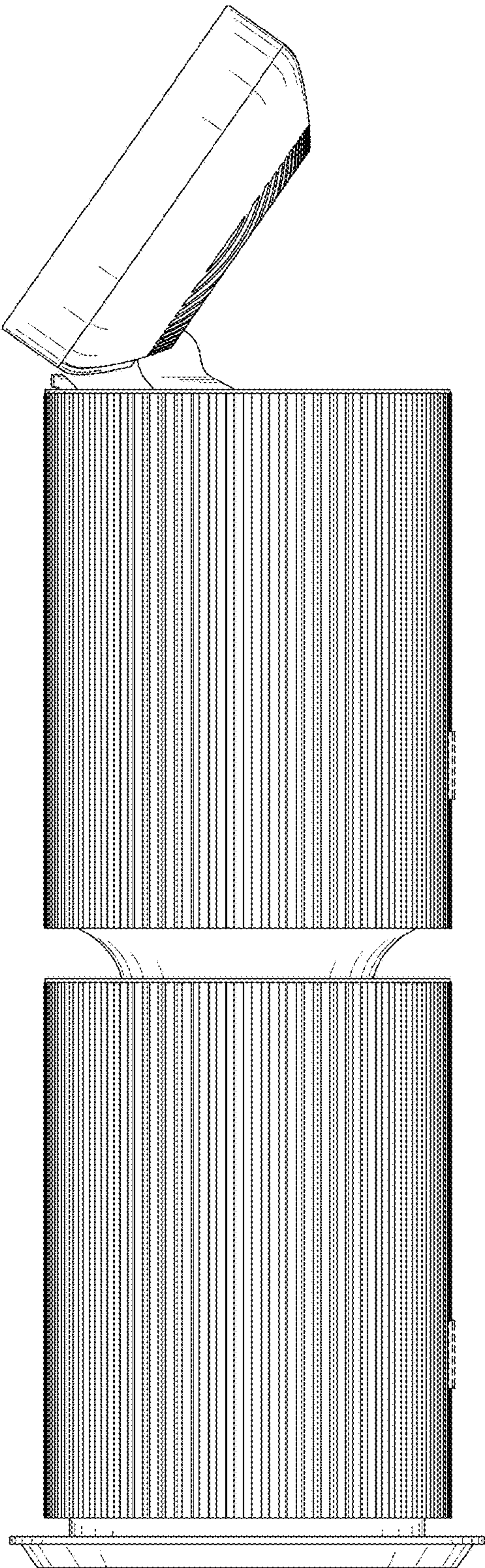


FIG. 13

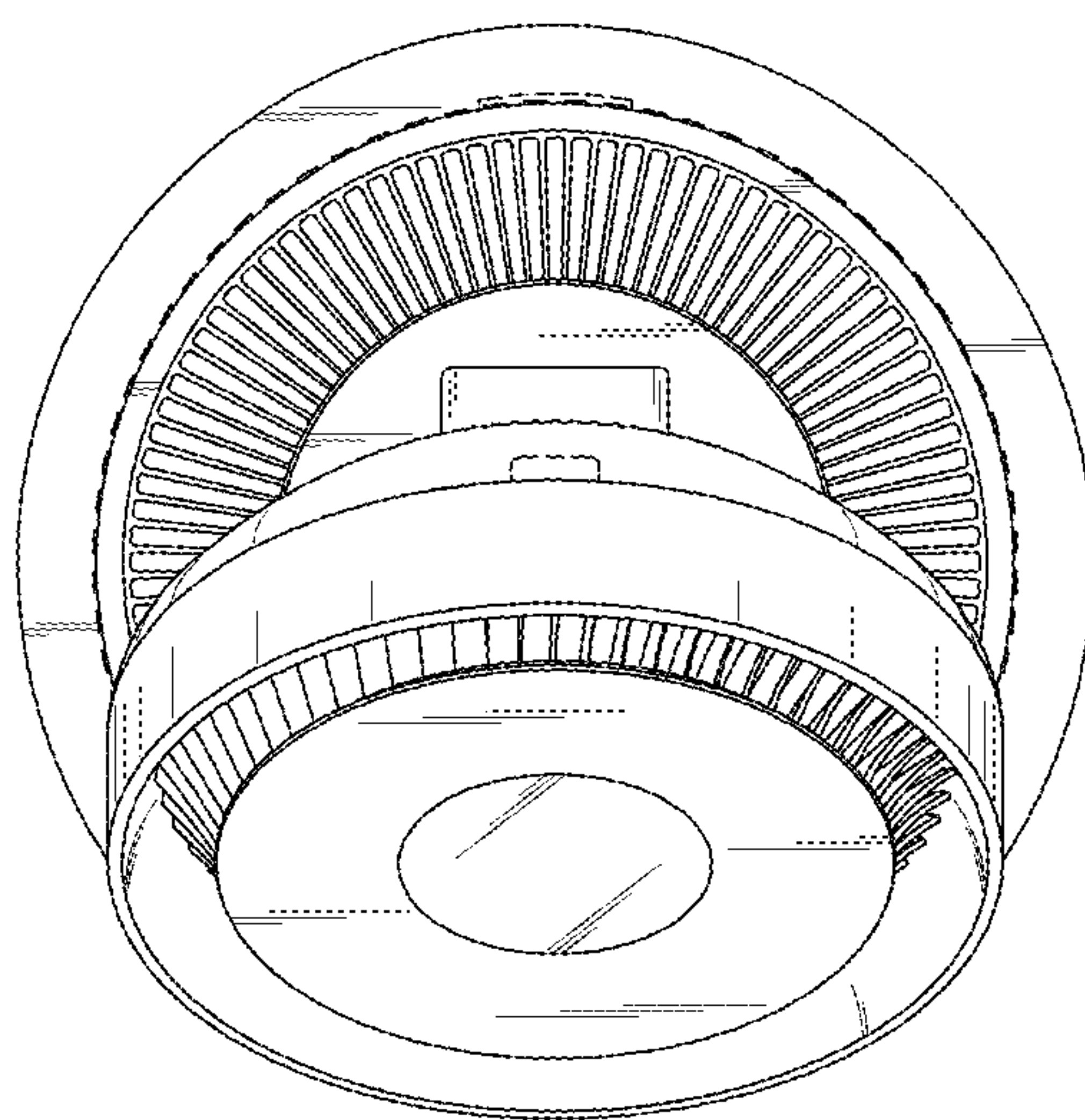


FIG. 14

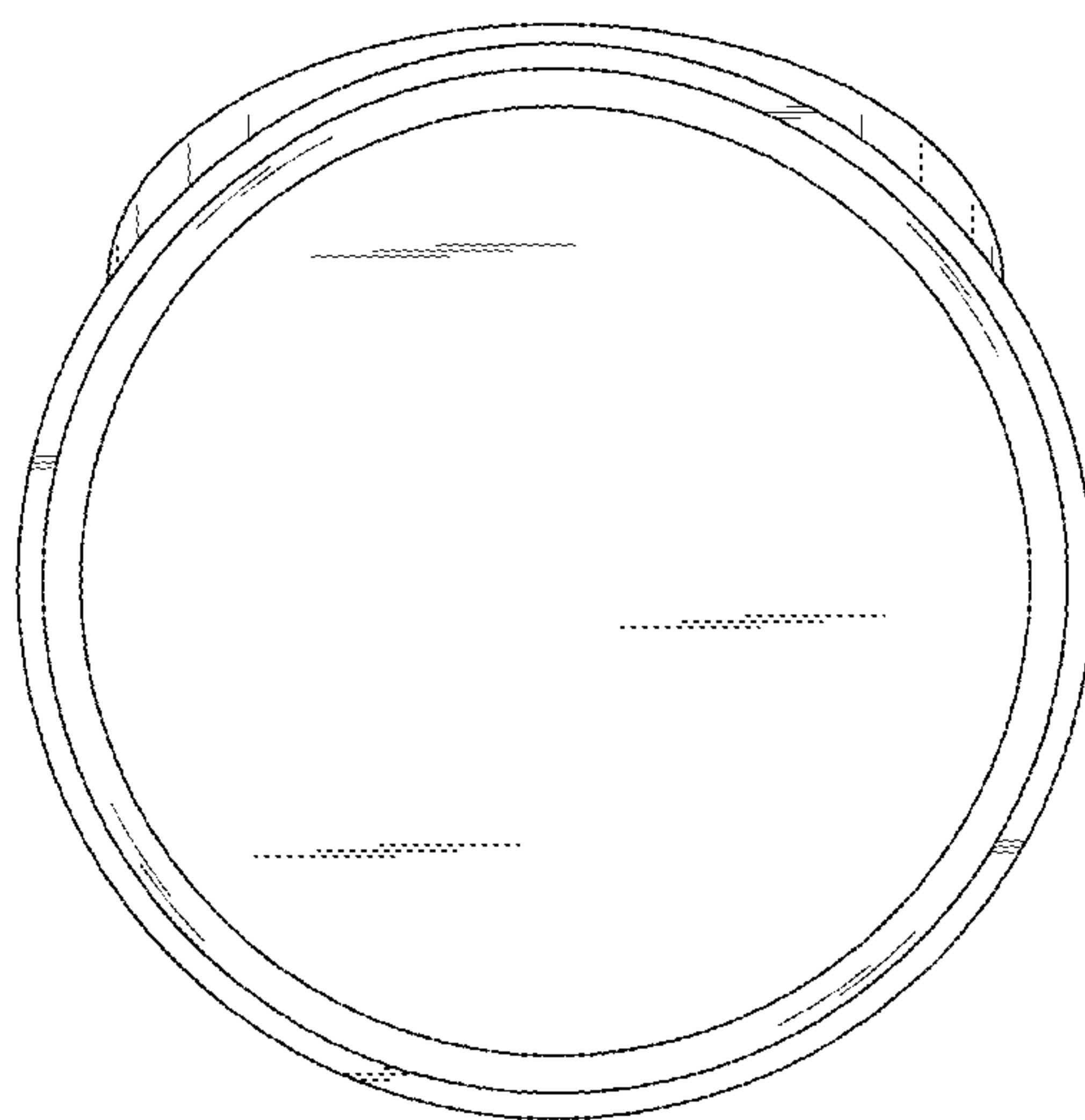


FIG. 15

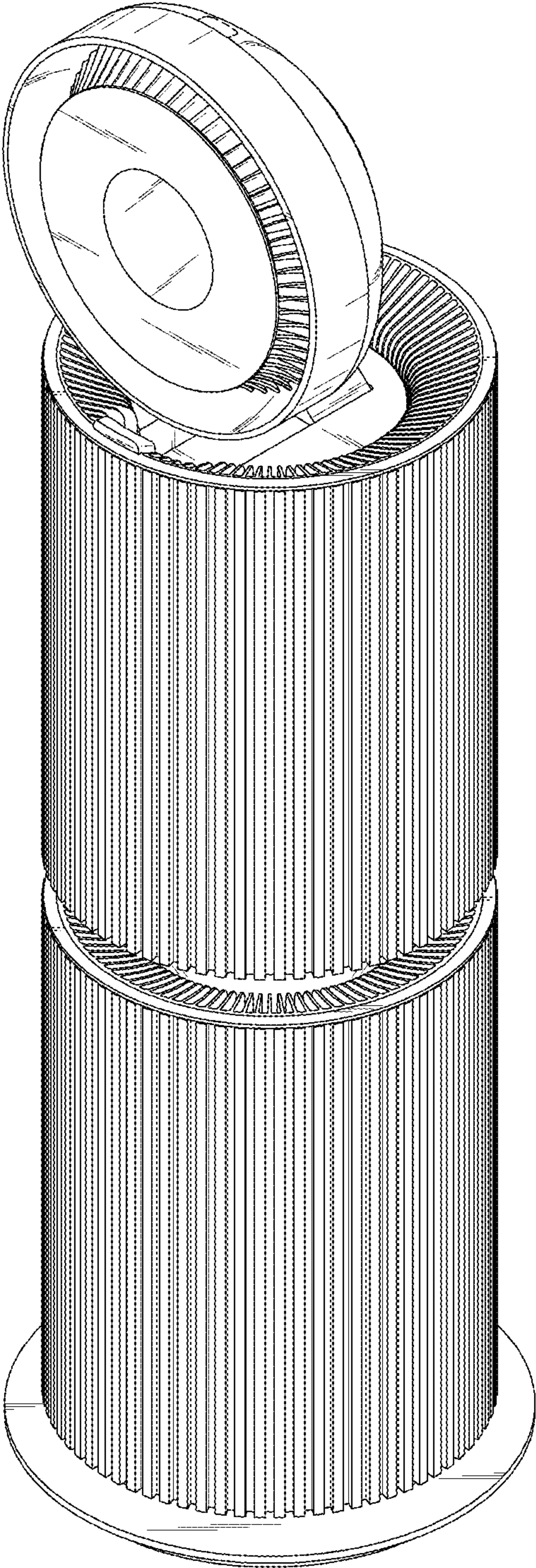


FIG. 16

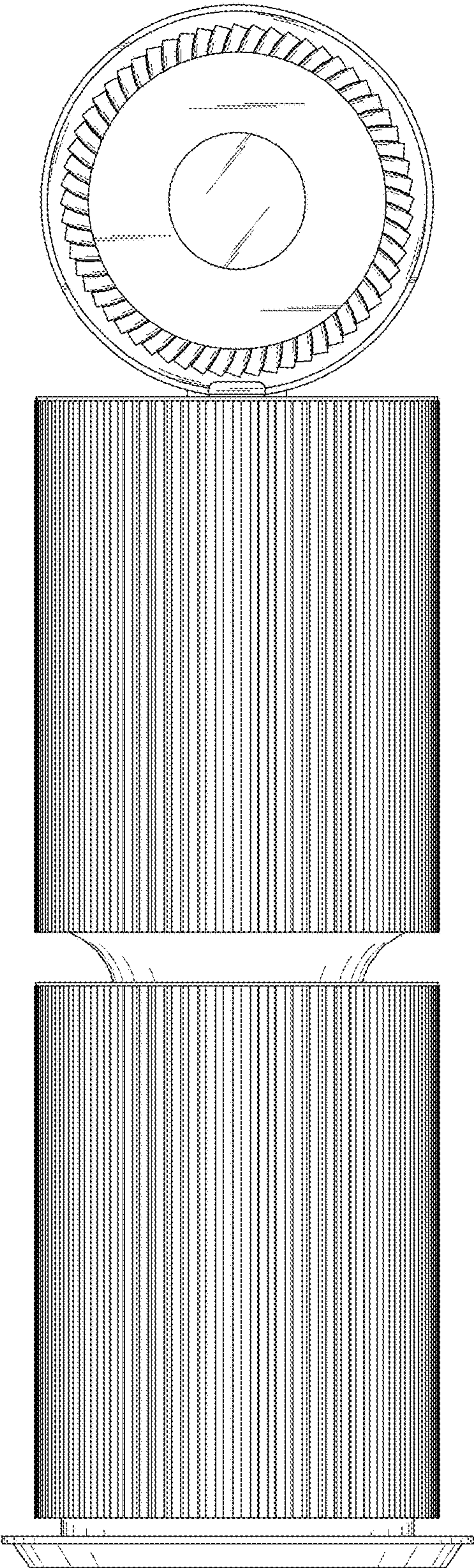


FIG. 17

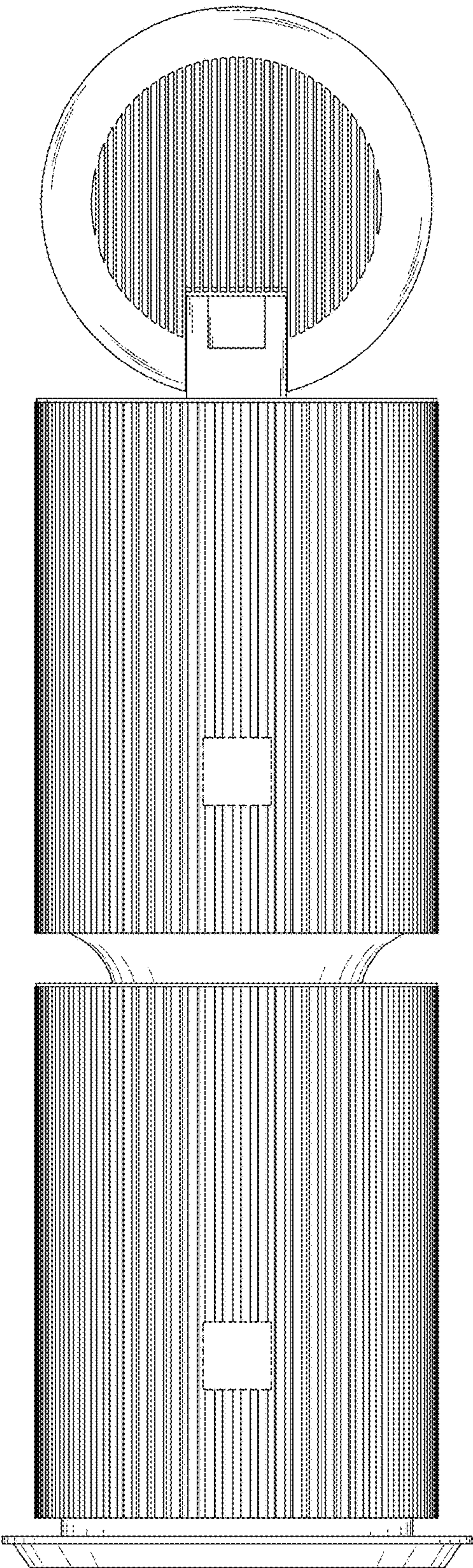


FIG. 18

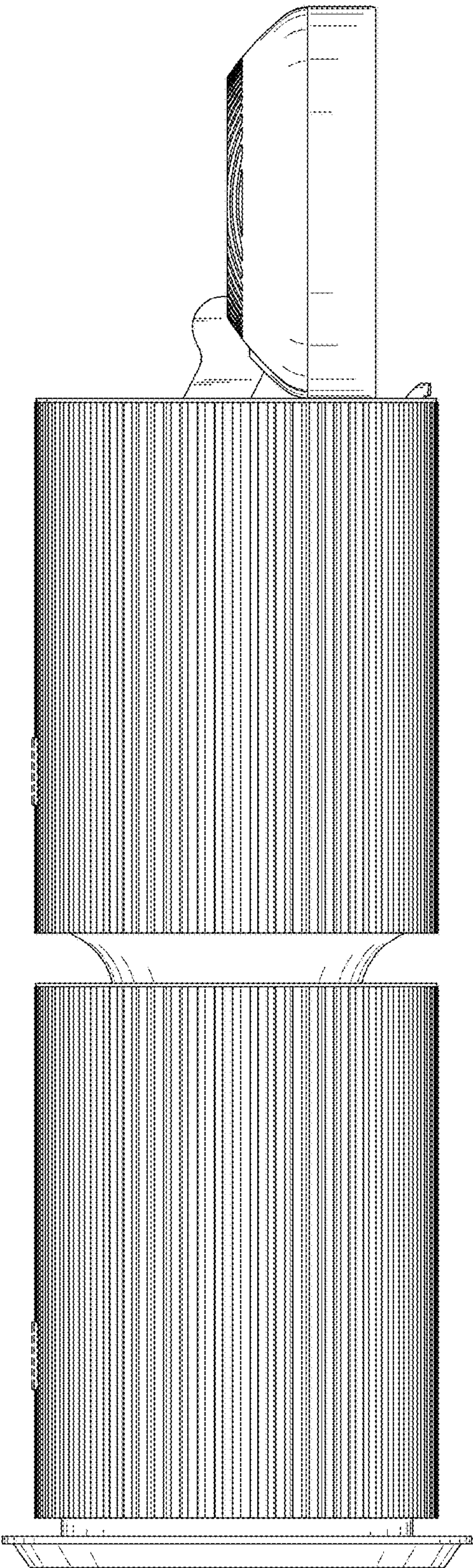


FIG. 19

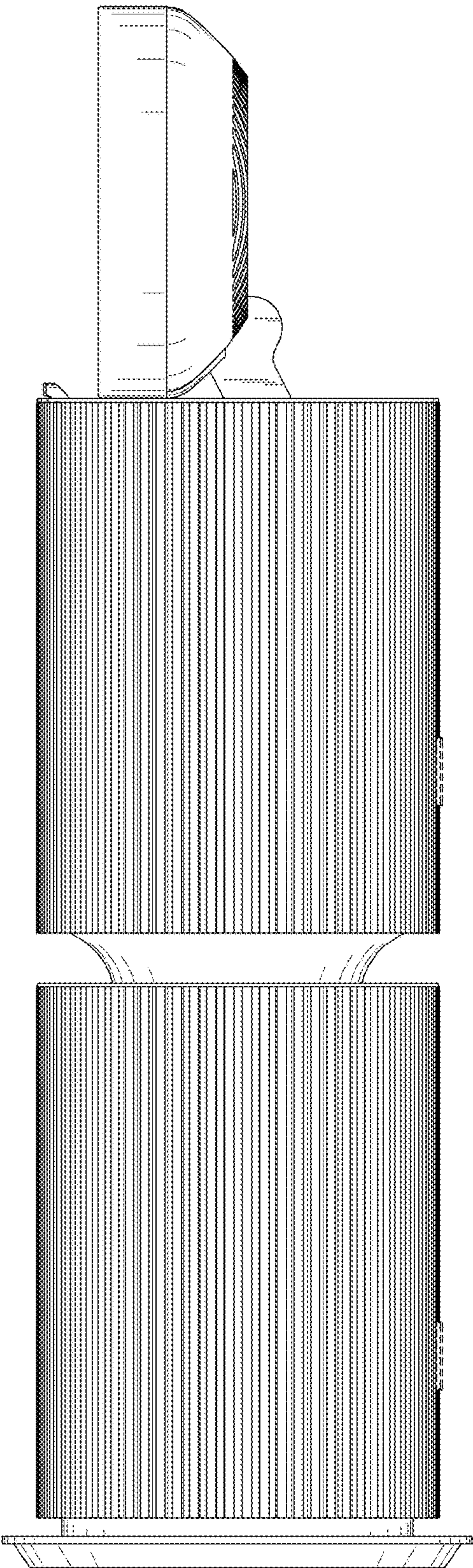


FIG. 20

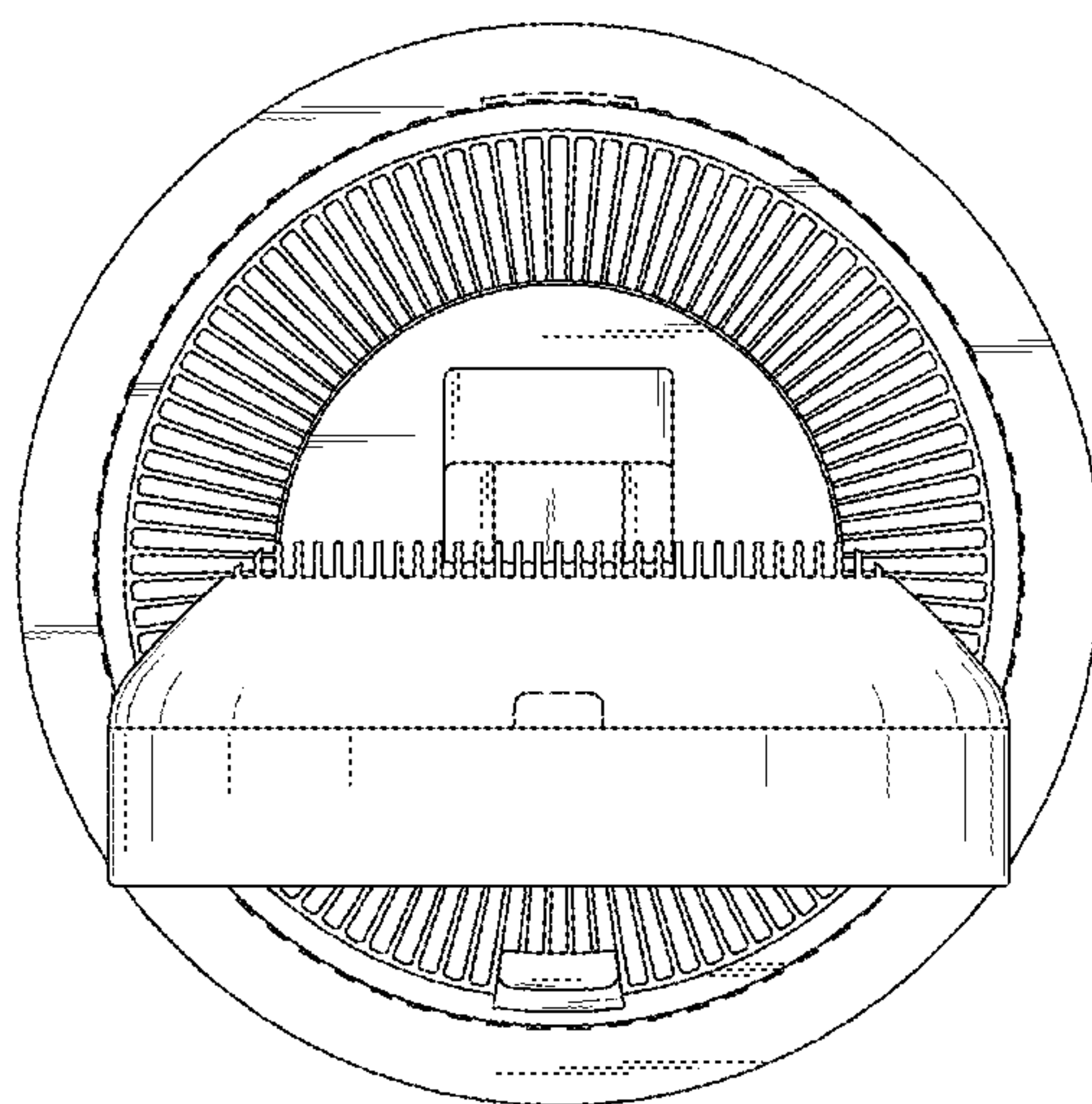


FIG. 21

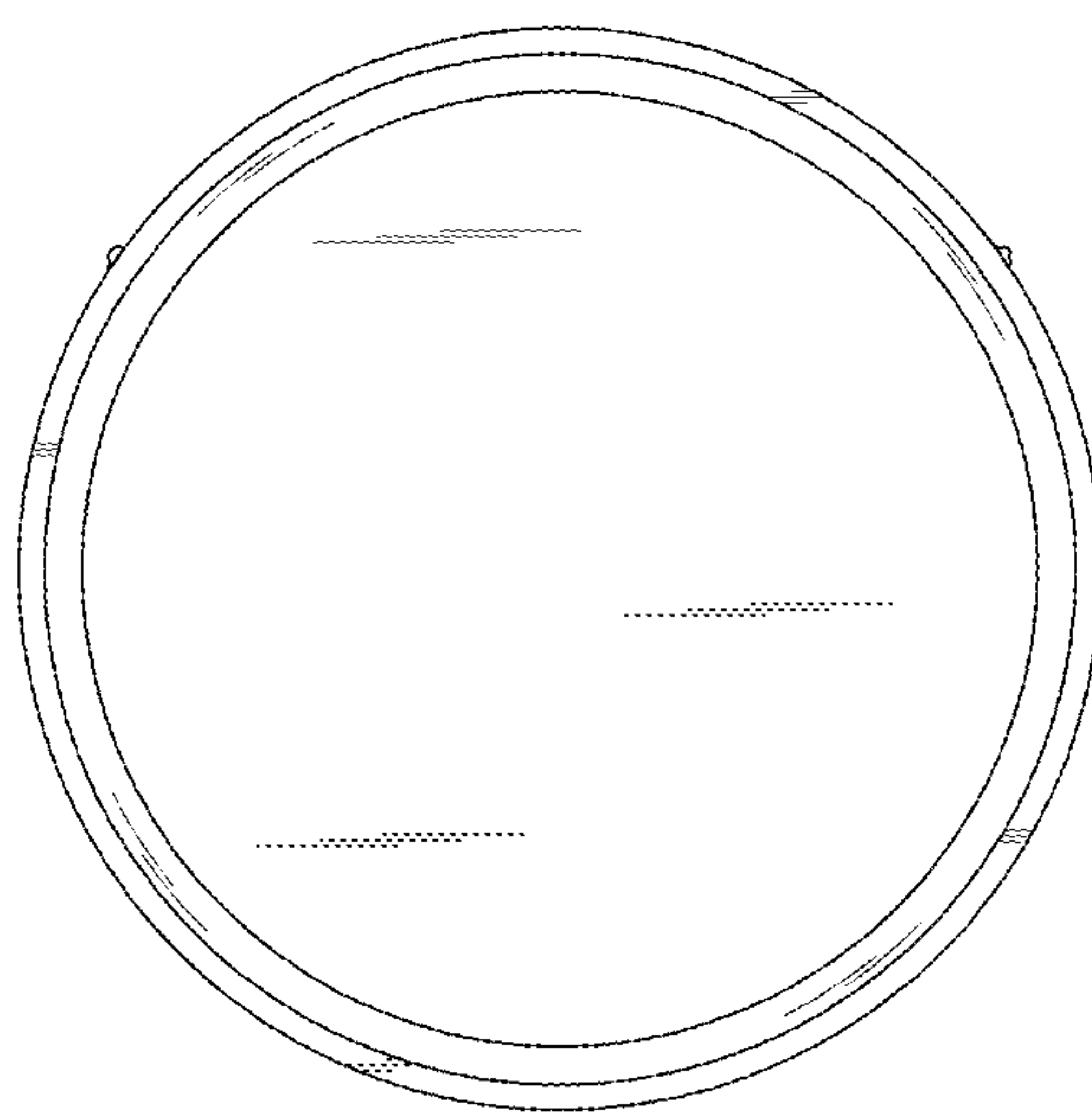


FIG. 22

