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

(10) **Patent No.:** **US D957,608 S**  
(45) **Date of Patent:** **\*\* Jul. 12, 2022**

(54) **AIR PURIFIER**

(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)

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

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

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

(30) **Foreign Application Priority Data**

Jul. 25, 2019 (KR) ..... 30-2019-0035857

(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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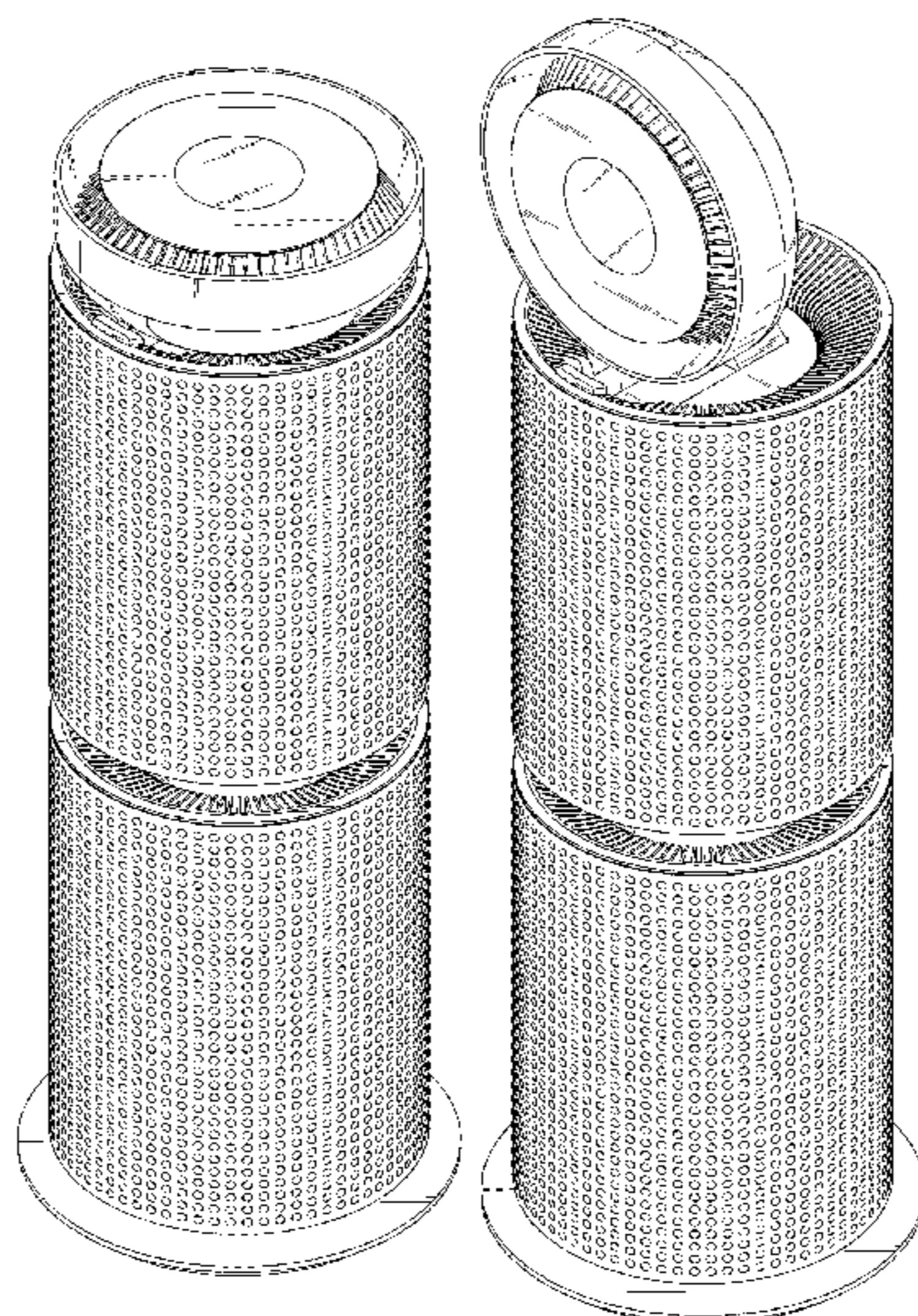
(57) **CLAIM**

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 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

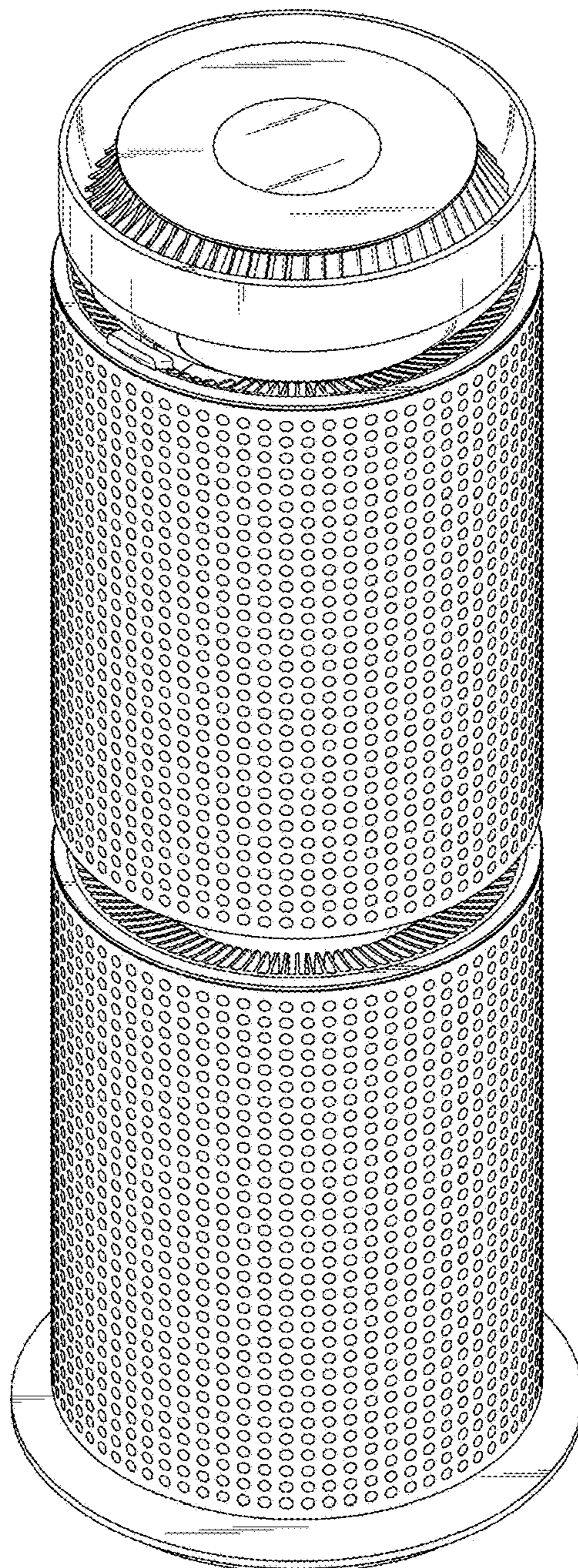


FIG. 2

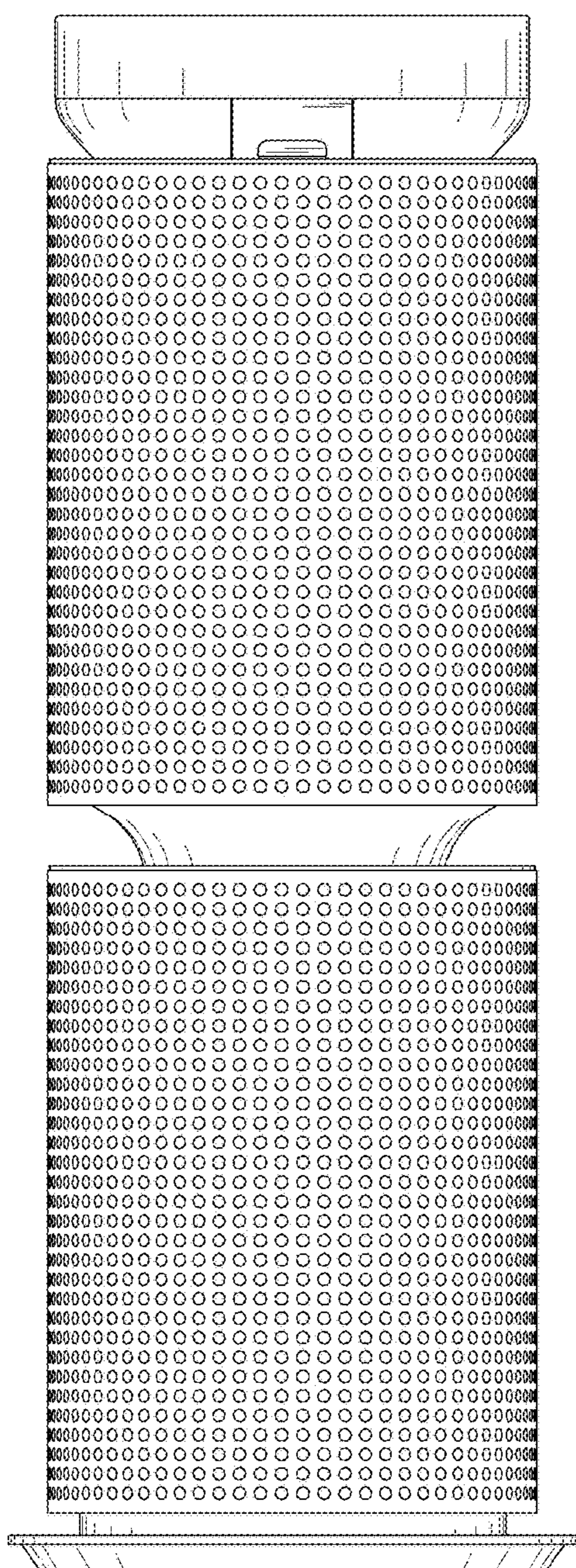




FIG. 3

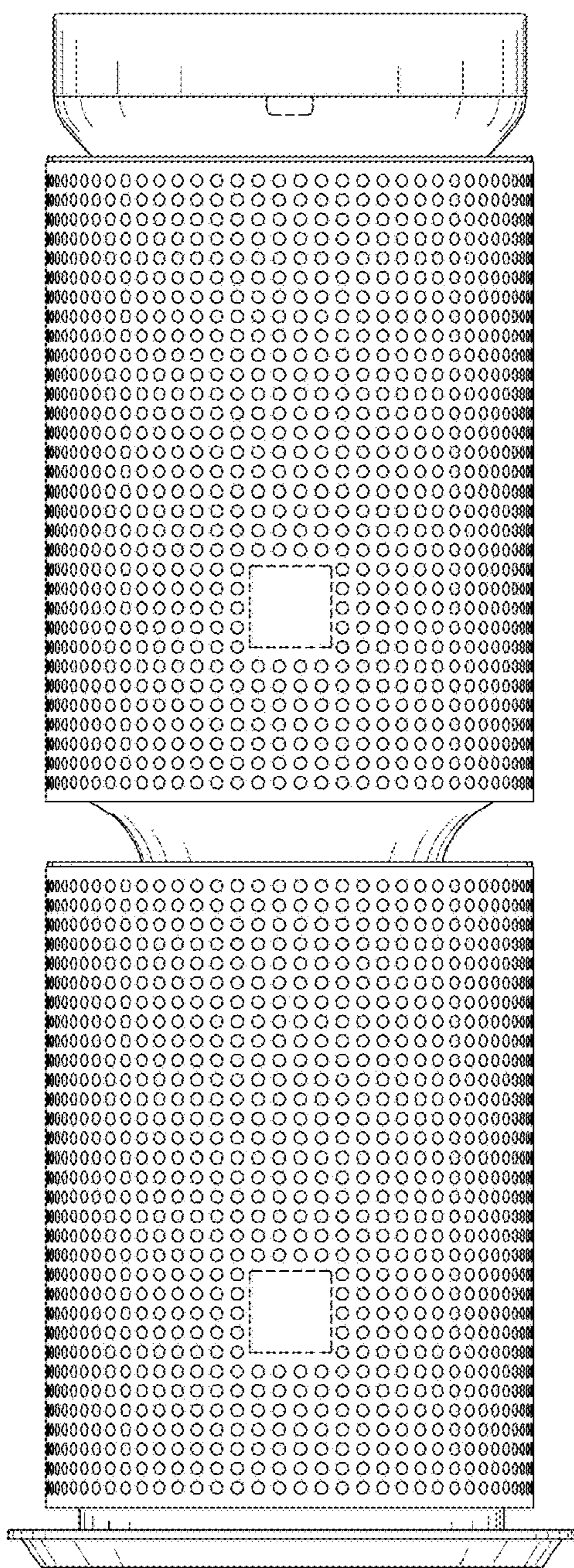


FIG. 4

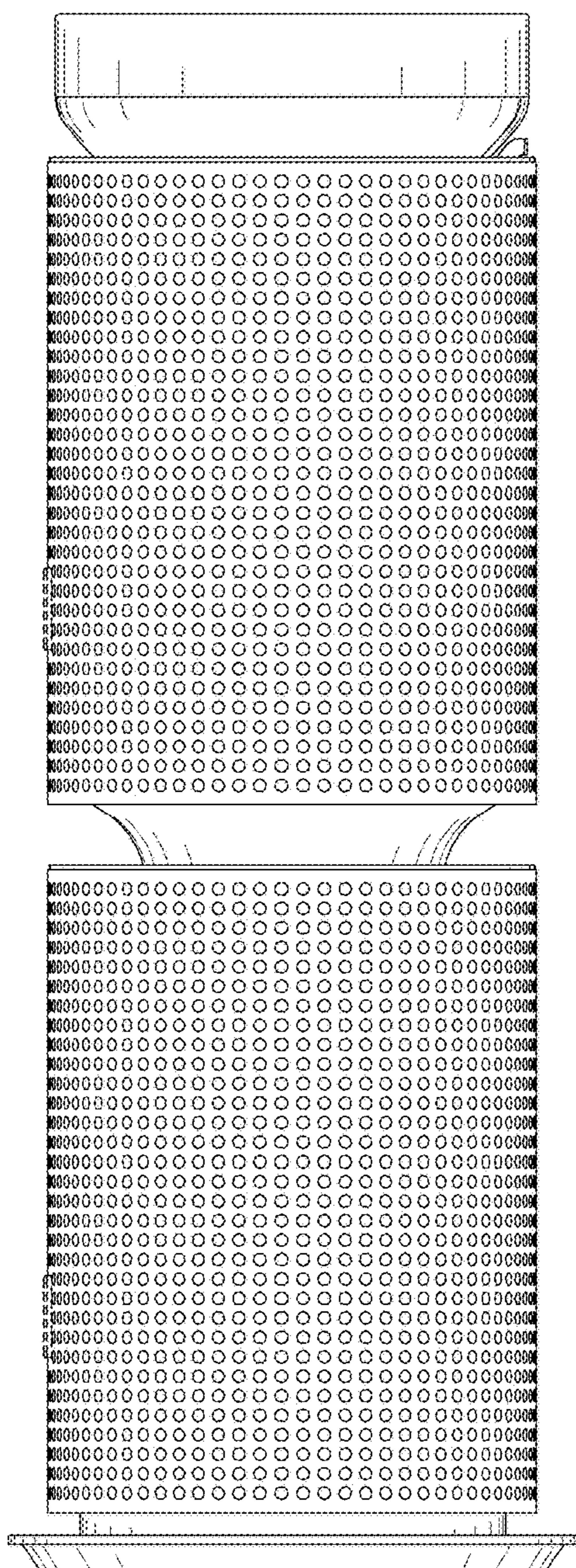




FIG. 5

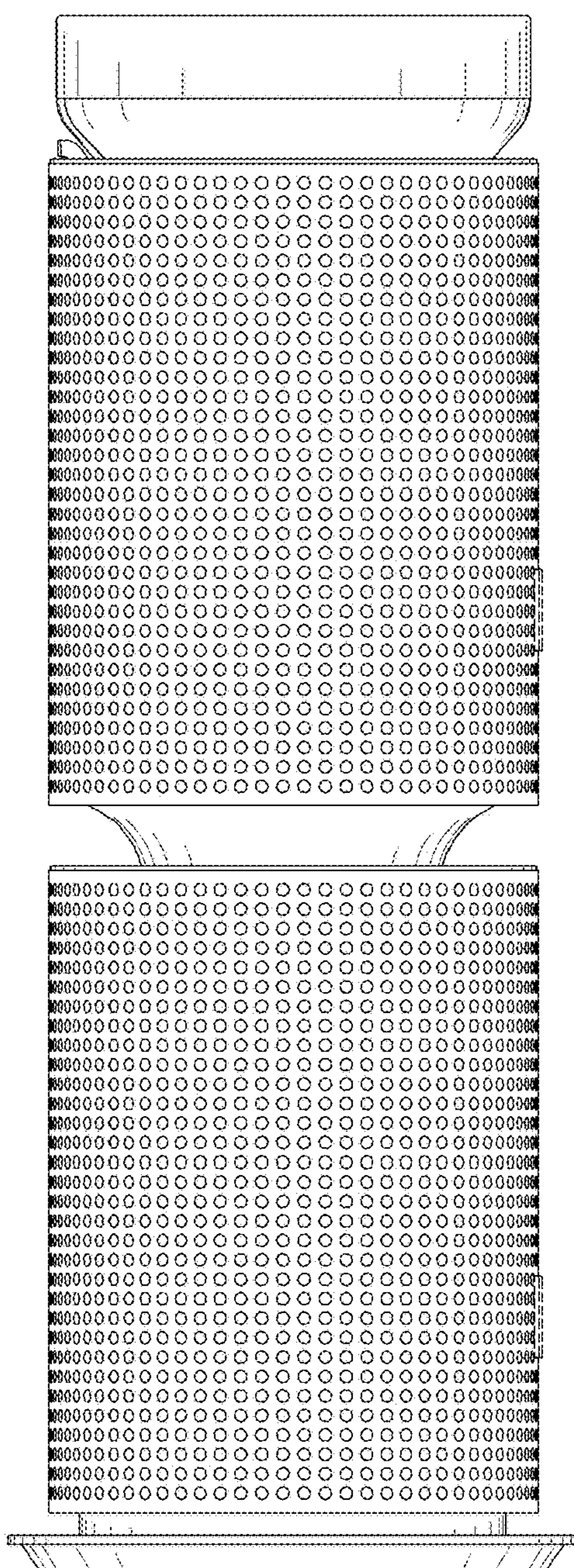


FIG. 6

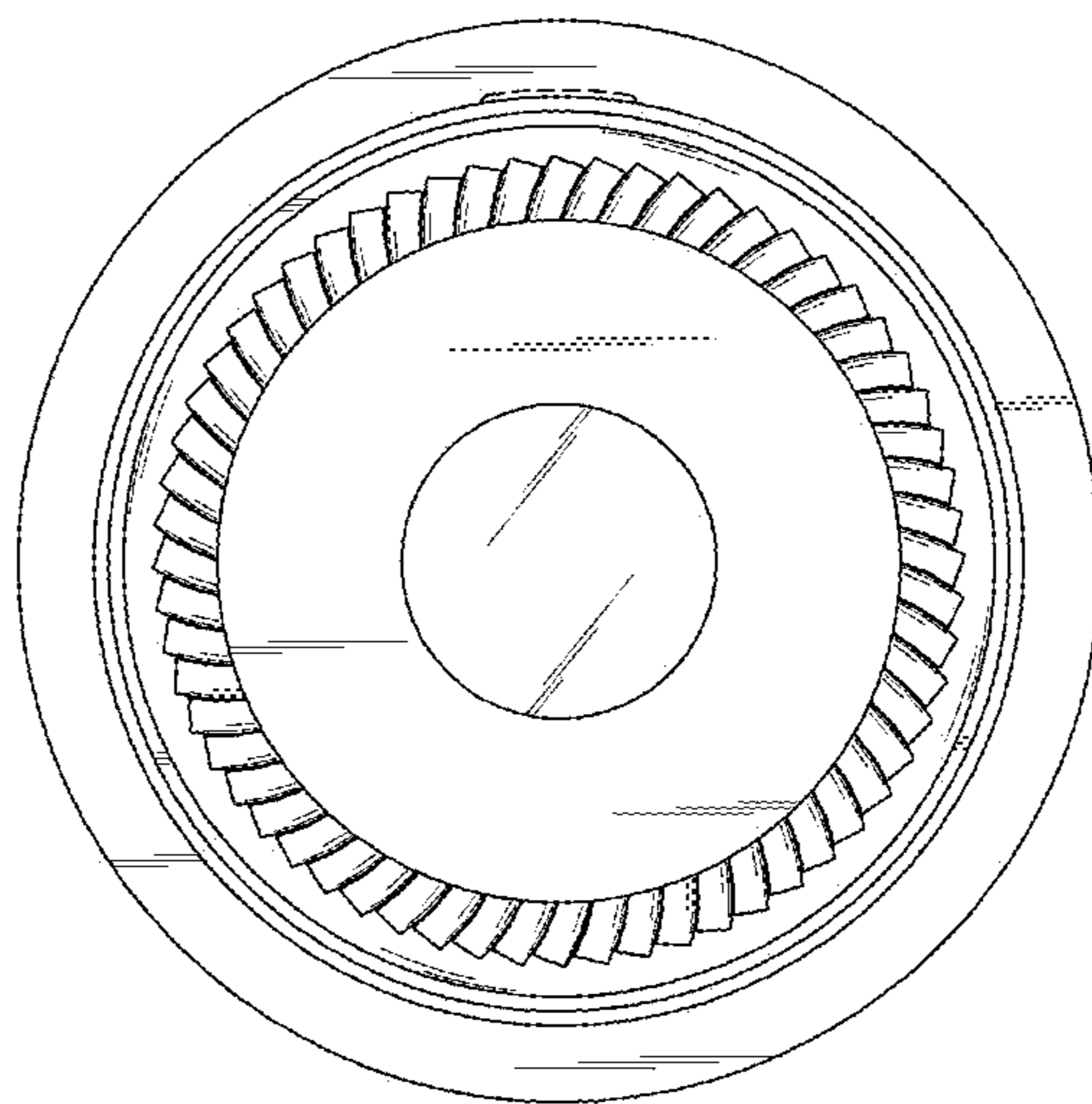




FIG. 7

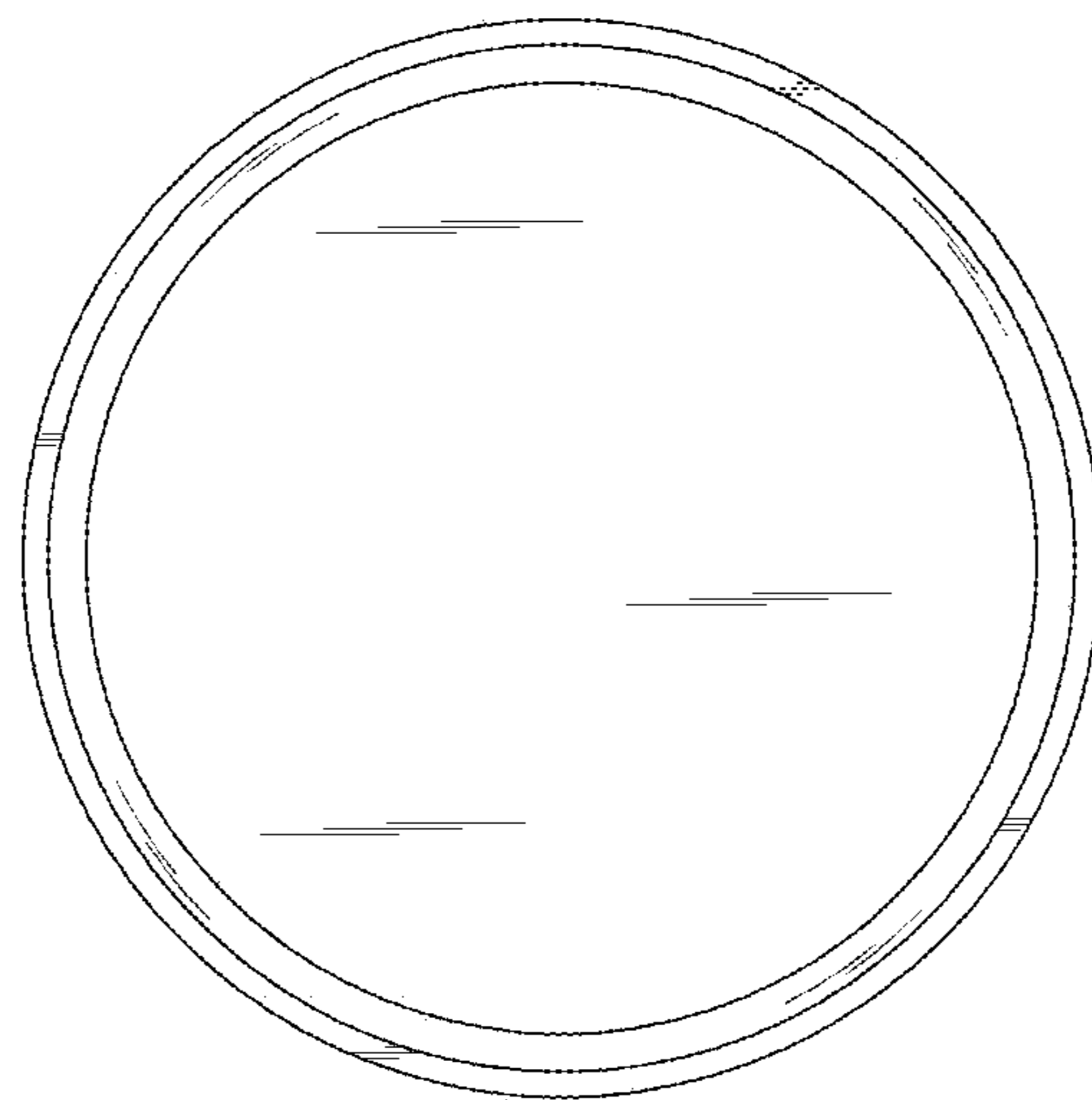


FIG. 8

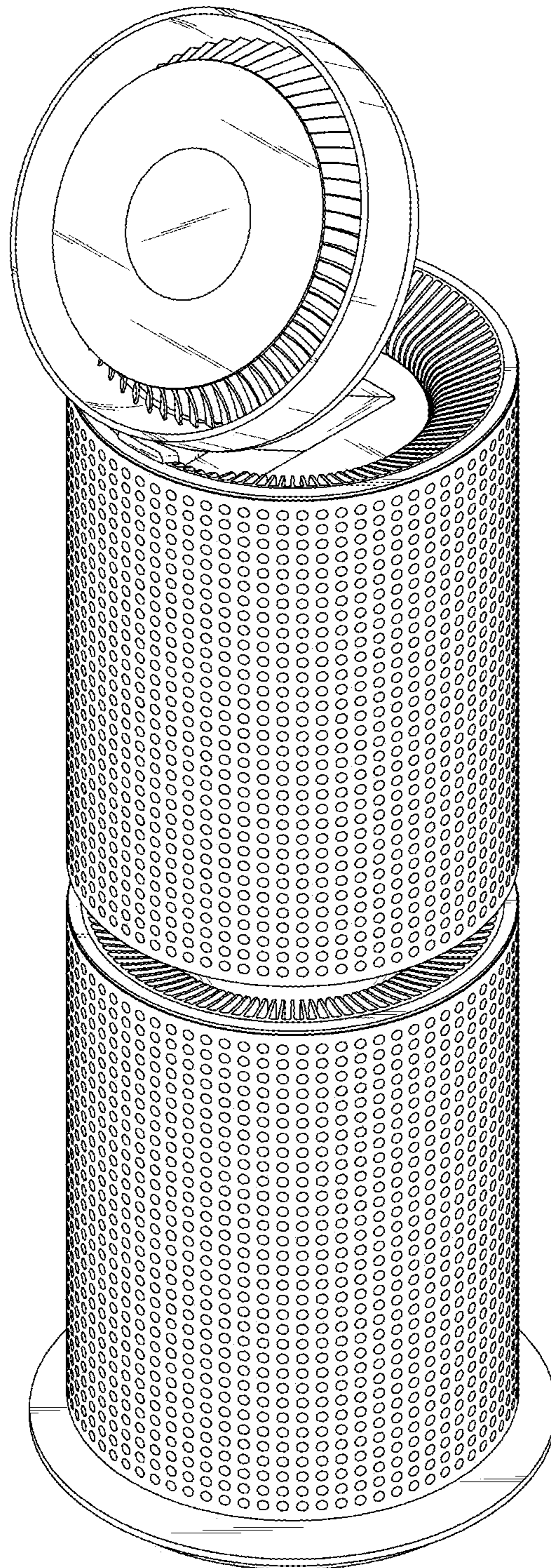




FIG. 9

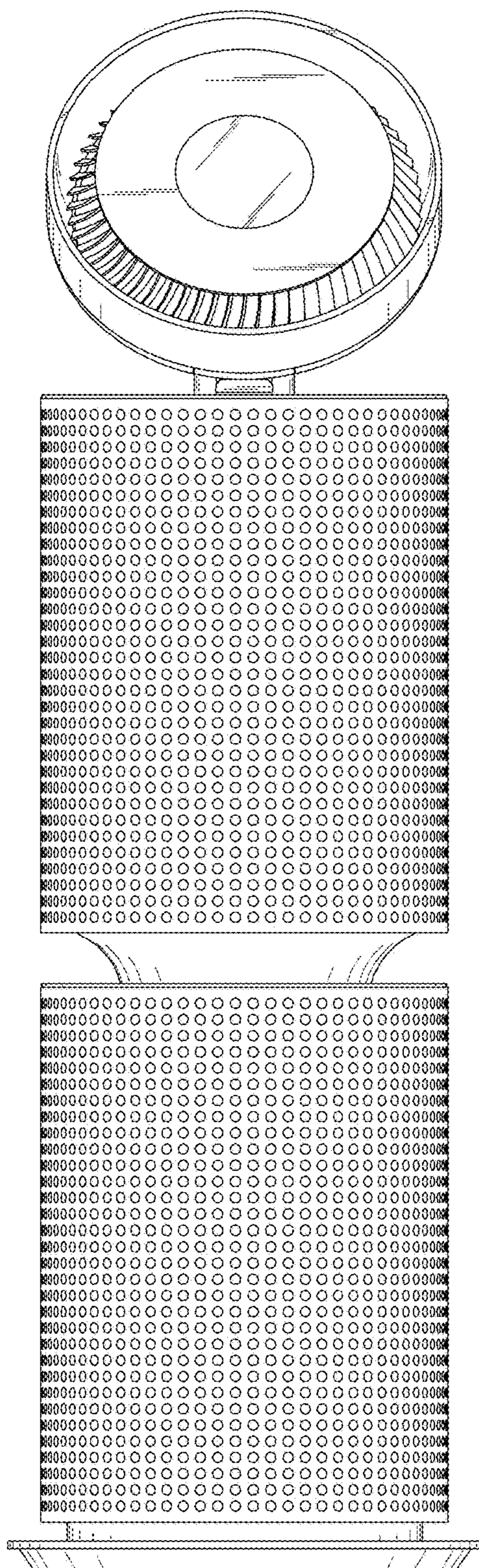


FIG. 10

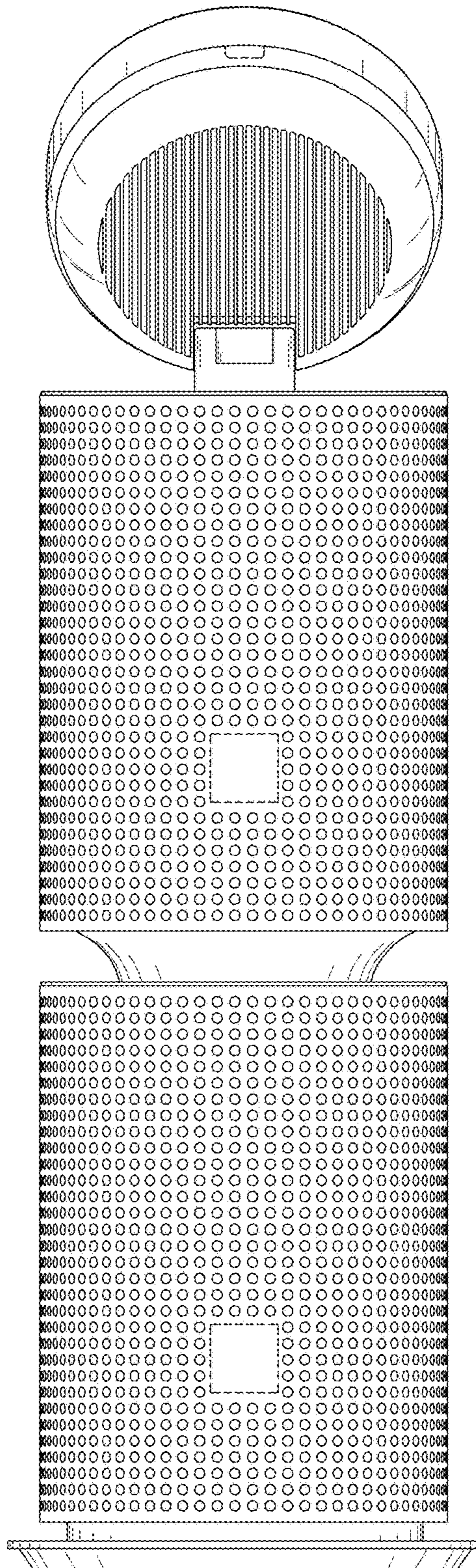




FIG. 11

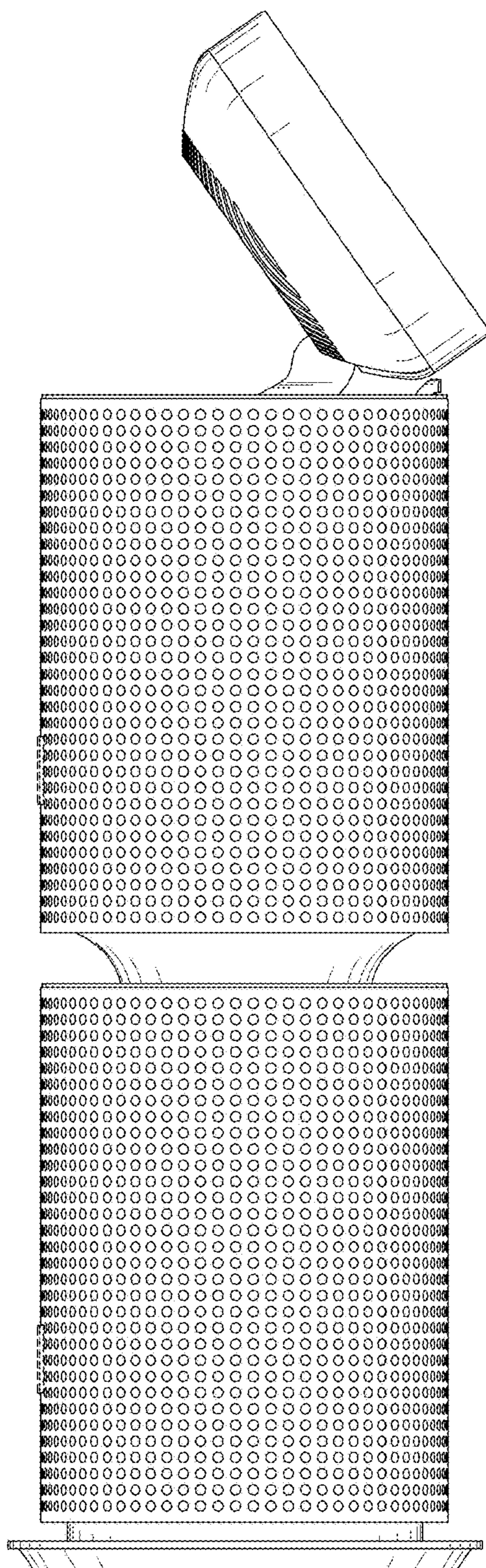


FIG. 12

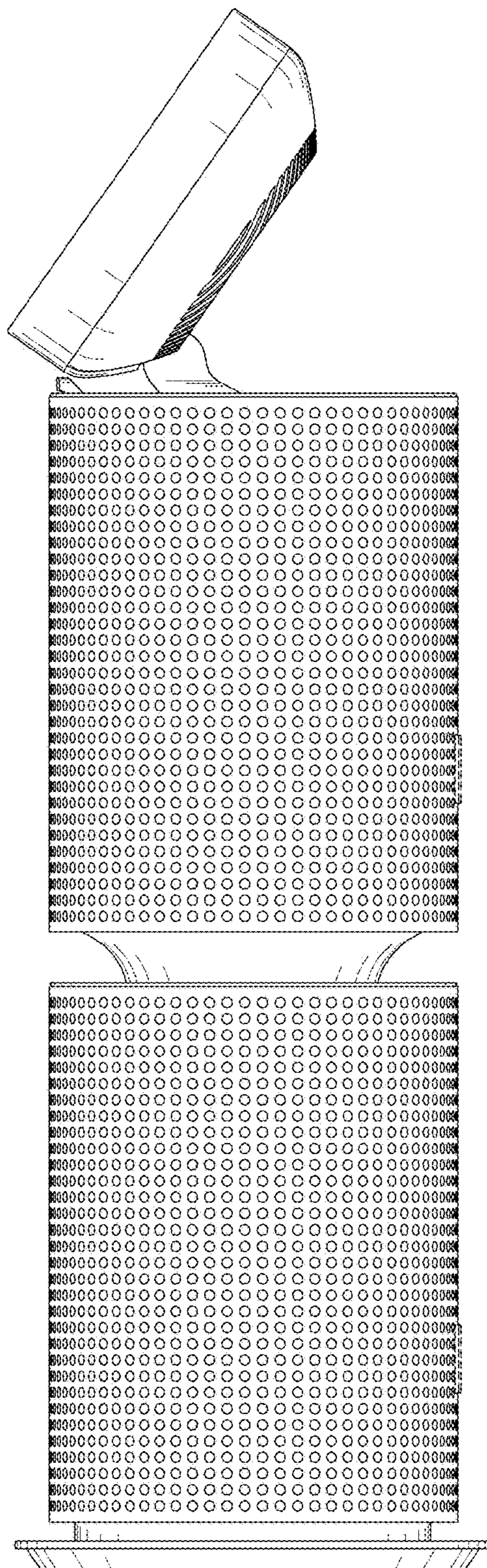




FIG. 13

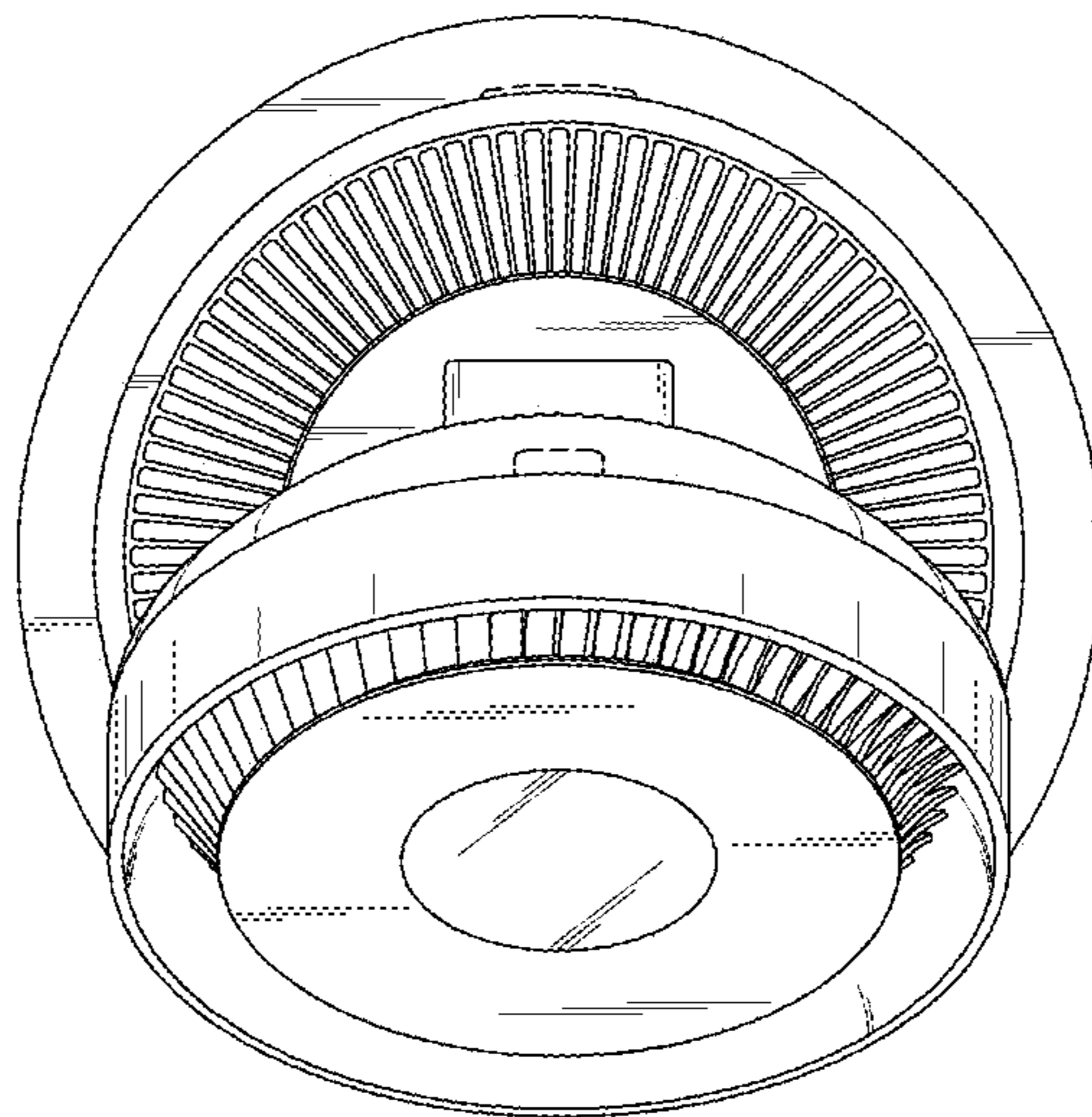


FIG. 14

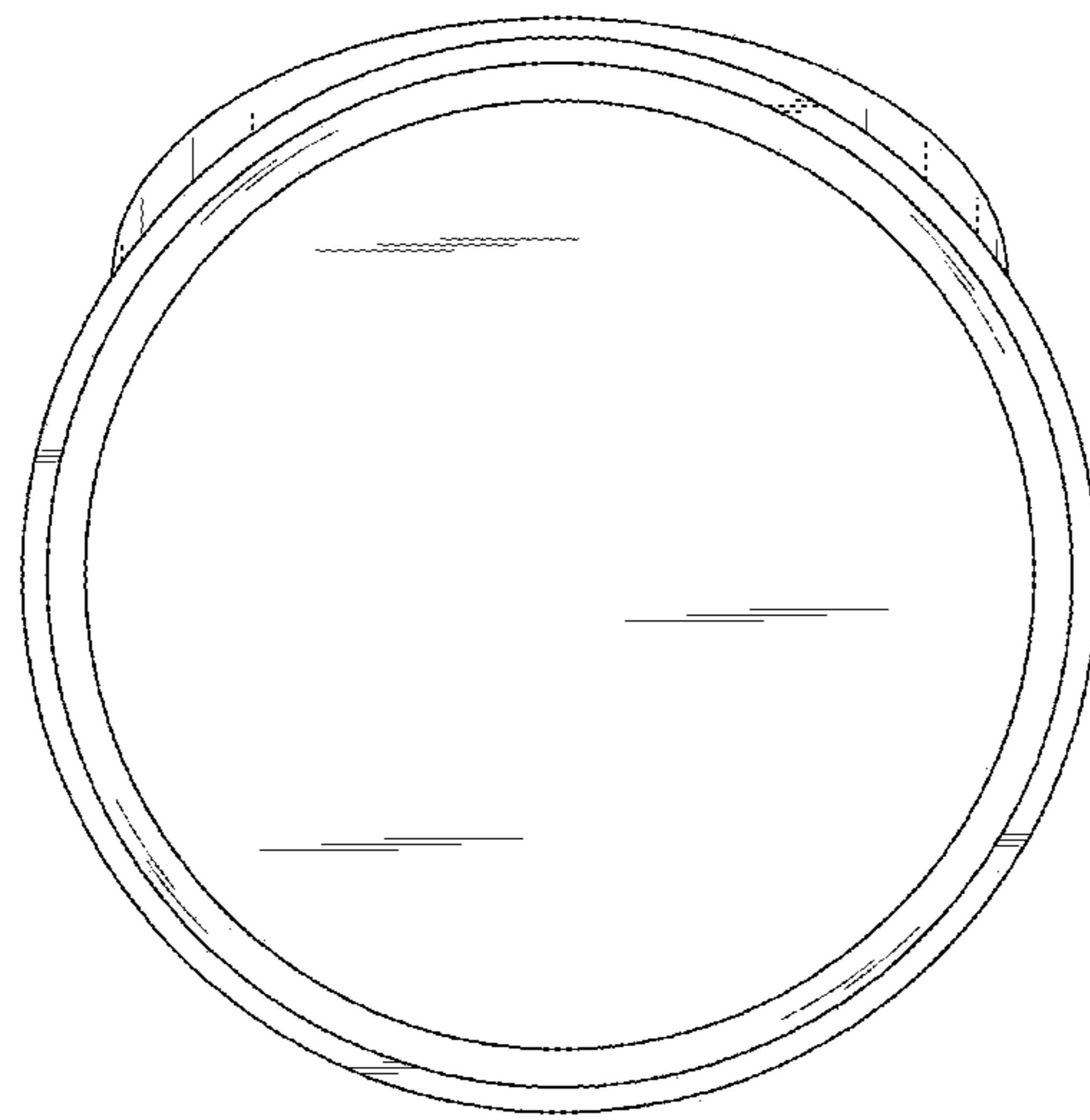




FIG. 15

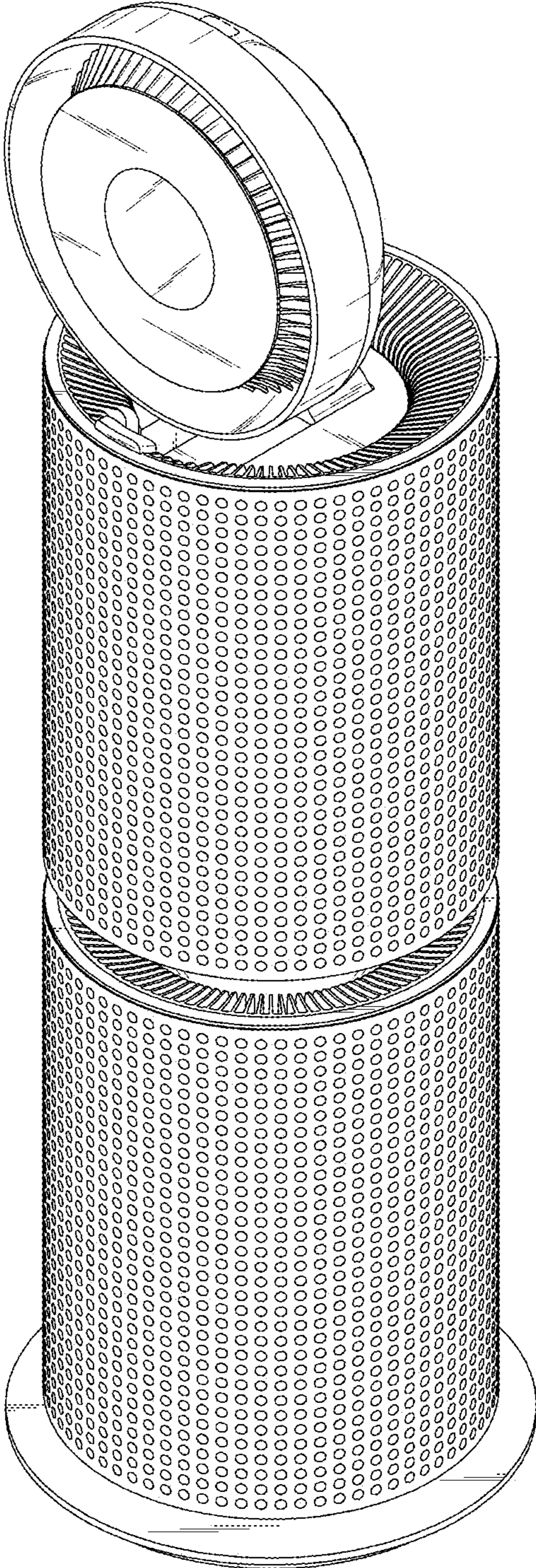


FIG. 16

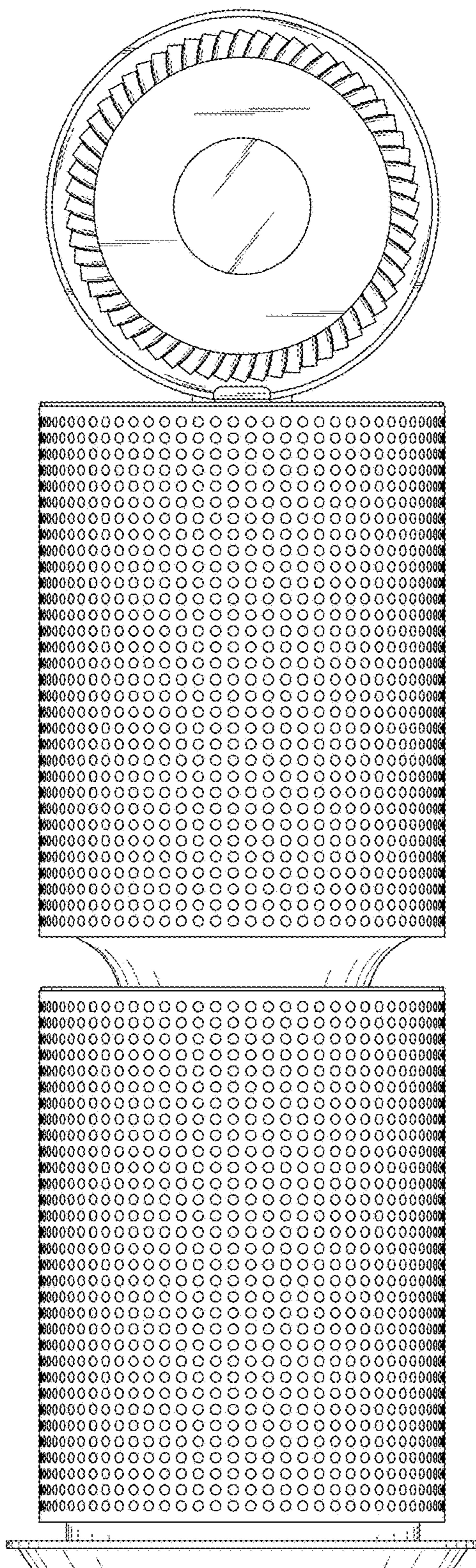




FIG. 17

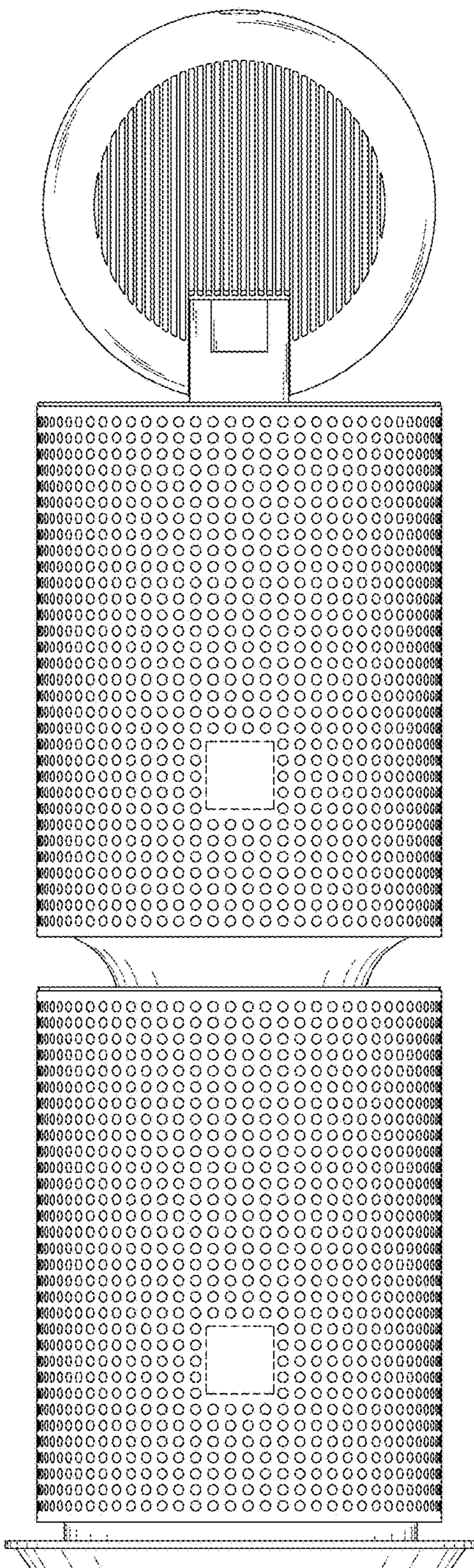


FIG. 18

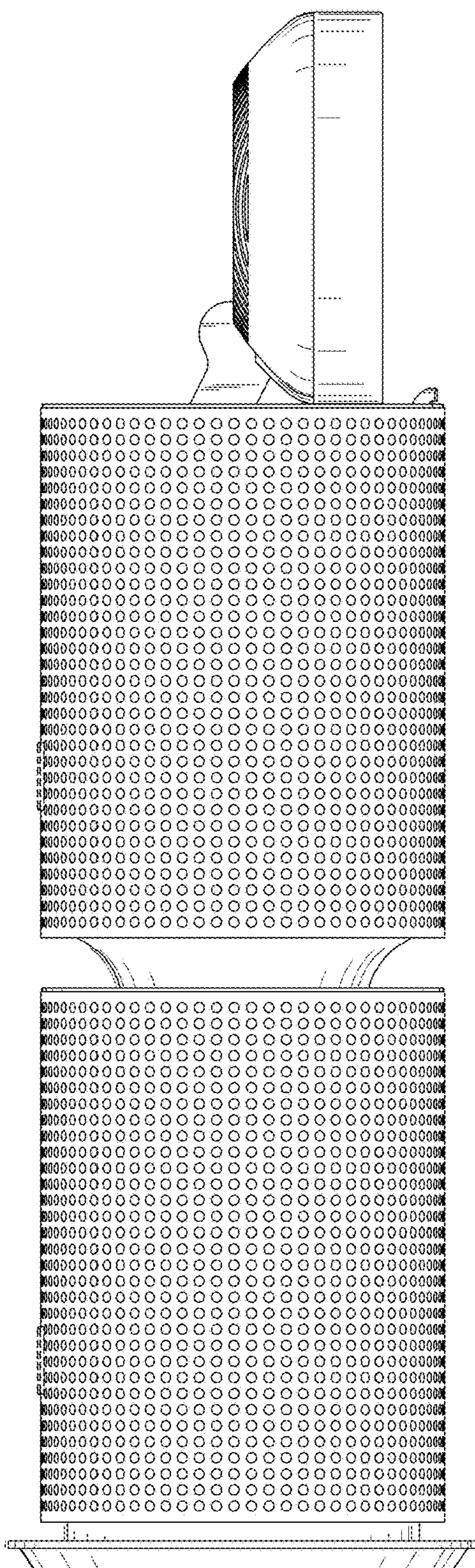




FIG. 19

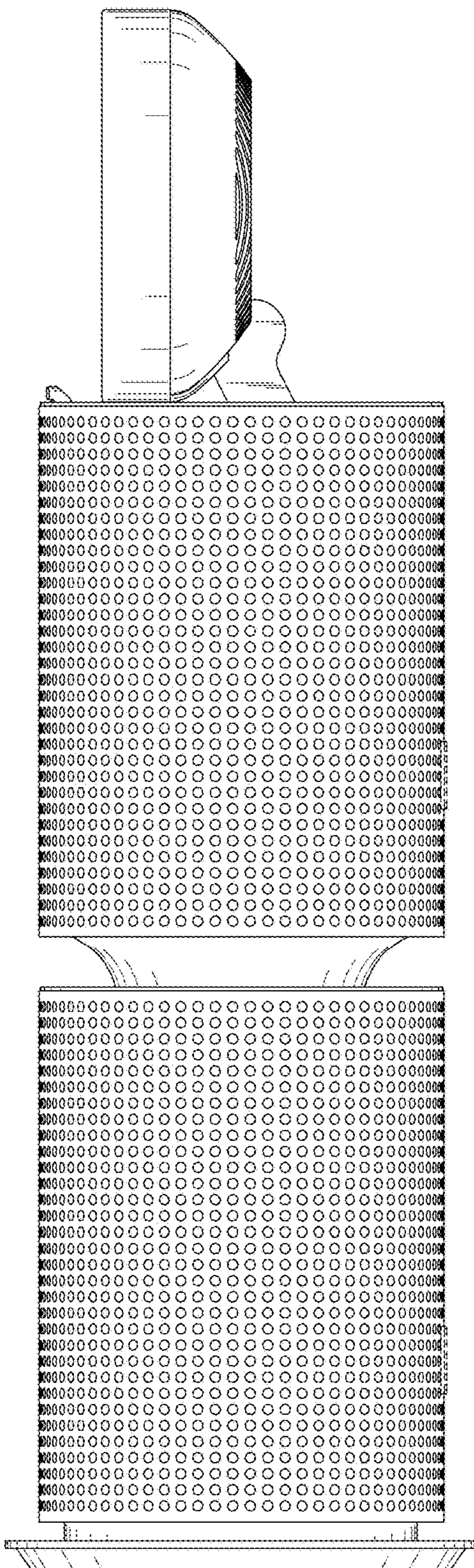


FIG. 20

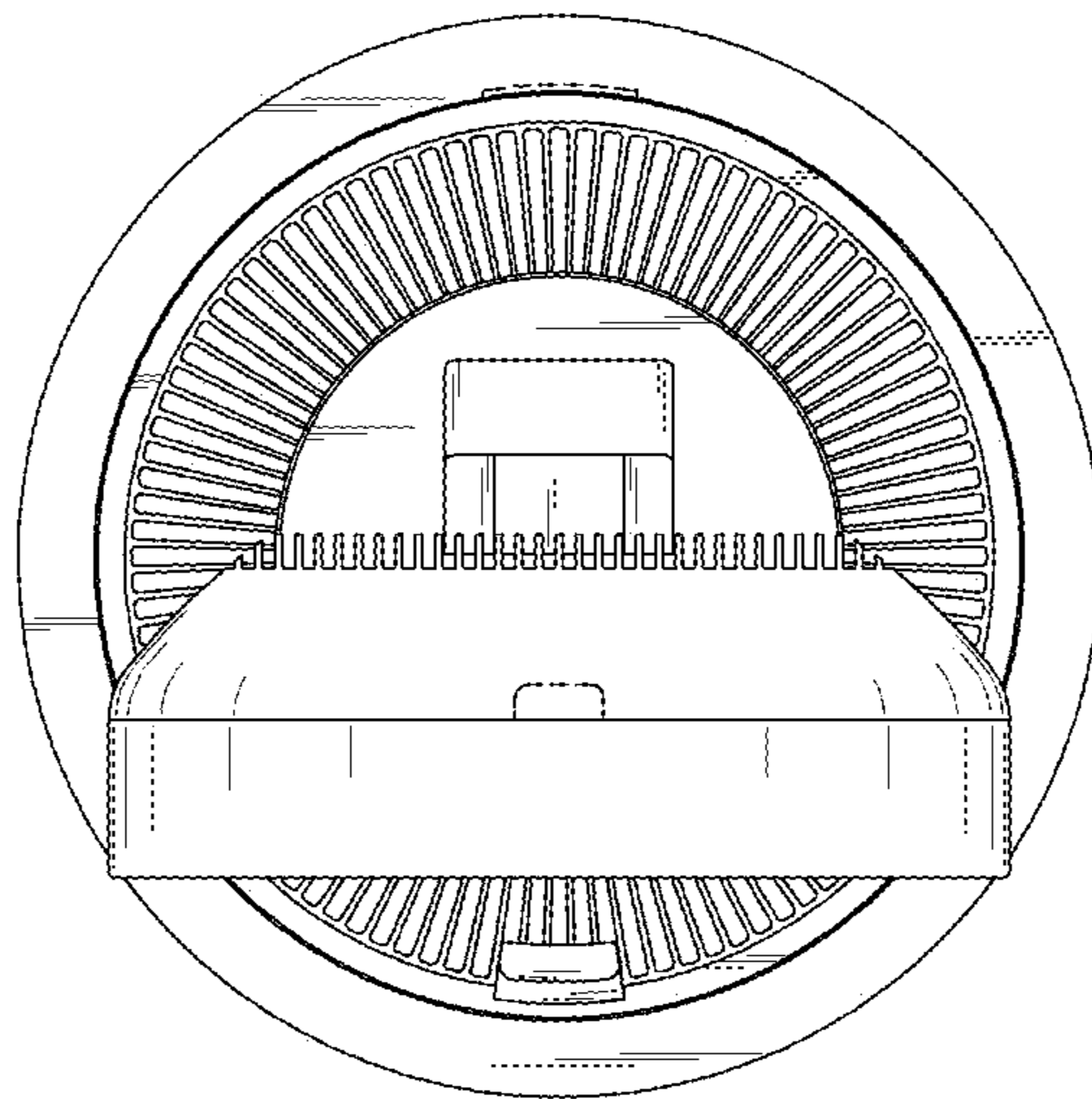




FIG. 21

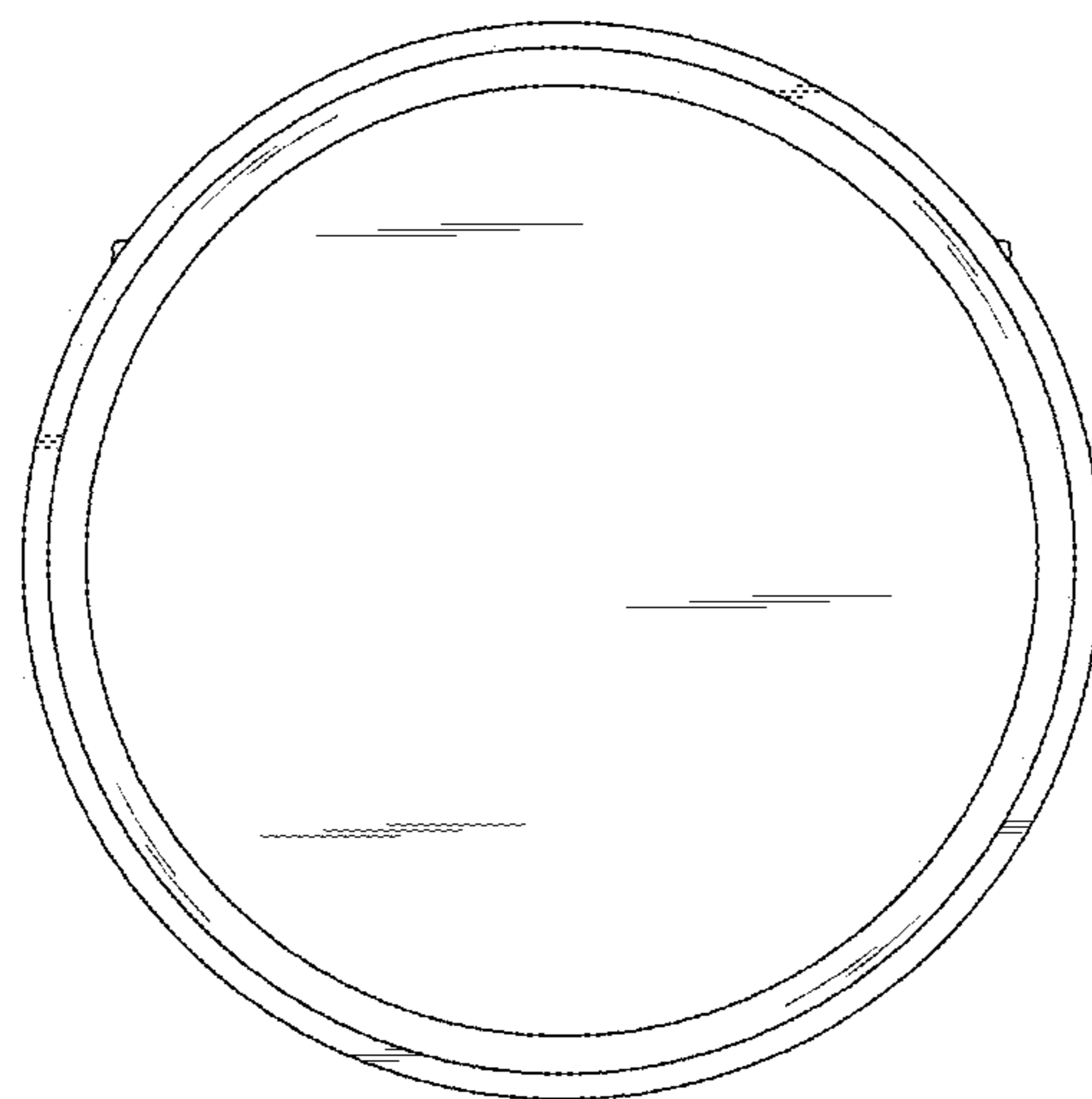


FIG. 22

