



US00D951412S

(12) **United States Design Patent** (10) **Patent No.:** **US D951,412 S**
Han et al. (45) **Date of Patent:** **** May 10, 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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(30) **Foreign Application Priority Data**

Jul. 25, 2019 (KR) 30-2019-0035866

(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;
(Continued)

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<https://www.amazon.com/LEVOIT-Purifier-Home-Allergies-Pets/dp/B07VVK39F7/?th=1> (Year: 2019).*

(Continued)

Primary Examiner — Karen S Acker

Assistant Examiner — Jonathan E Fiencke

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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 view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a perspective view of the air purifier showing a circulator angle at 55 degrees;

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 of the air purifier showing a circulator angle at 90 degrees;

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;

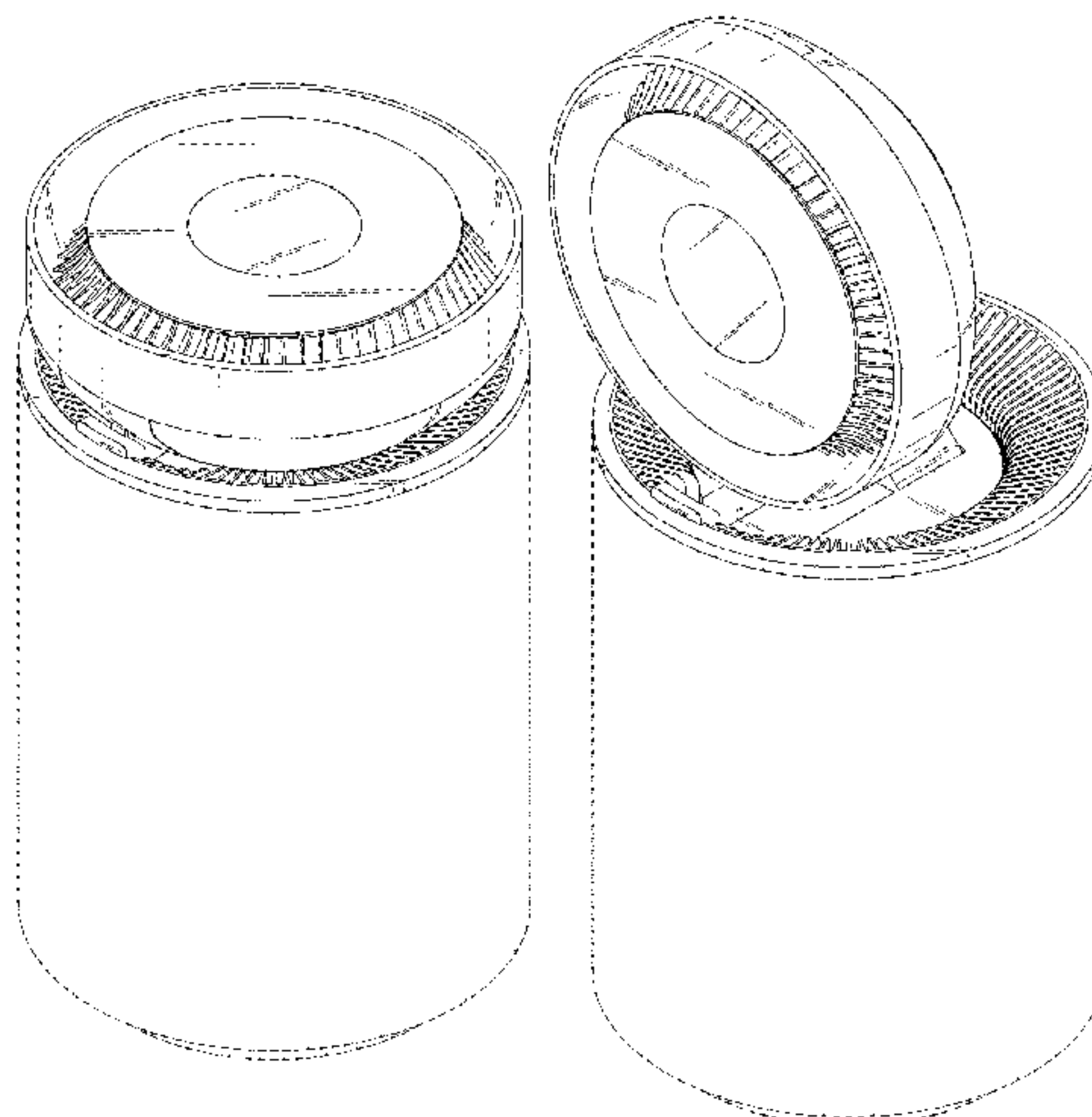
FIG. 19 is a right-side elevation view thereof;

FIG. 20 is a top plan view thereof;

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

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

(Continued)



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.

1 Claim, 22 Drawing Sheets

(58) Field of Classification Search

USPC D23/332–335, 337, 342, 352, 355–366, D23/369–370

CPC .. A61L 9/00; A61L 9/22; B01D 47/00; B01D 47/027; 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.

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* cited by examiner

FIG. 1

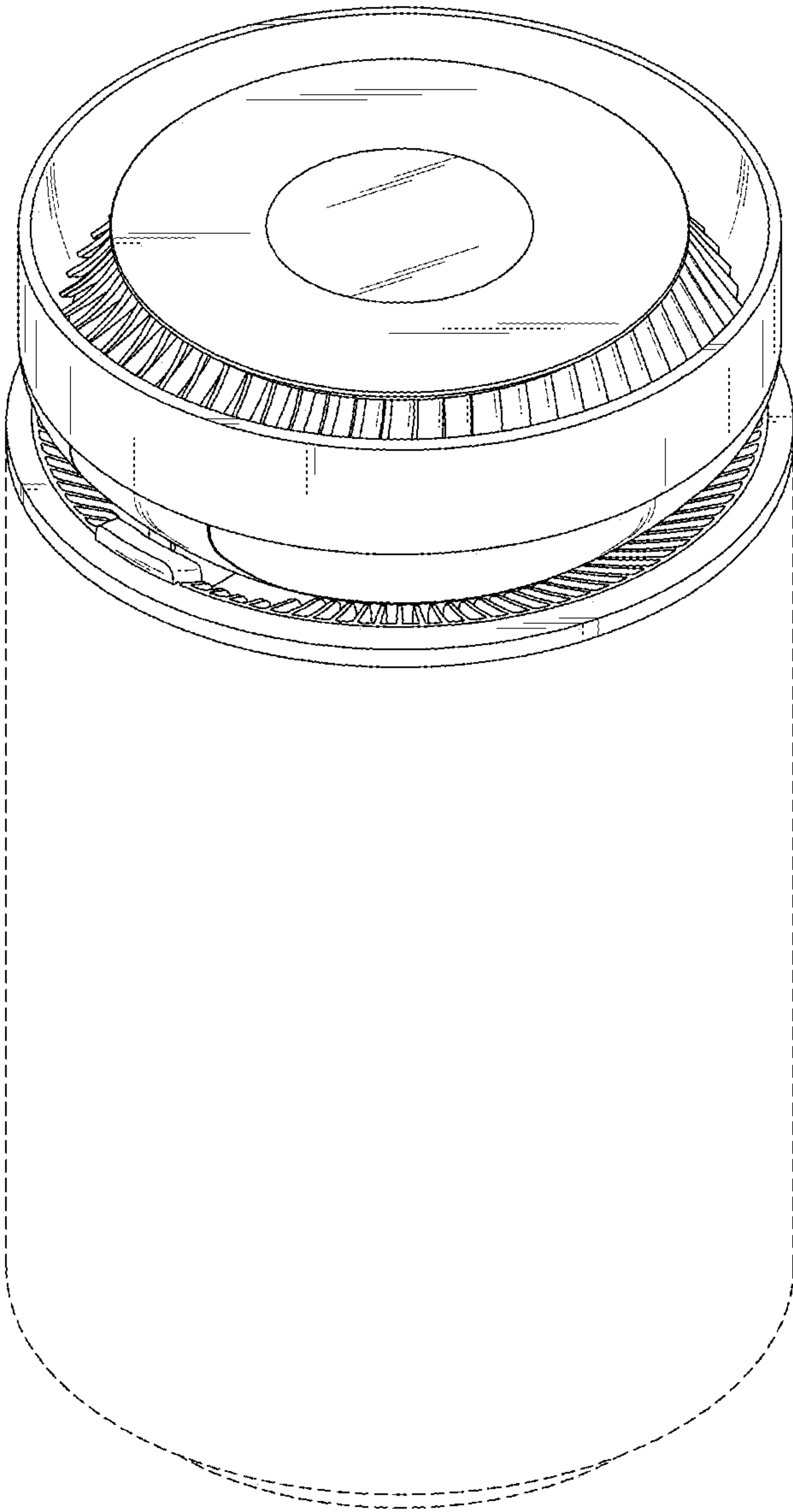


FIG. 2

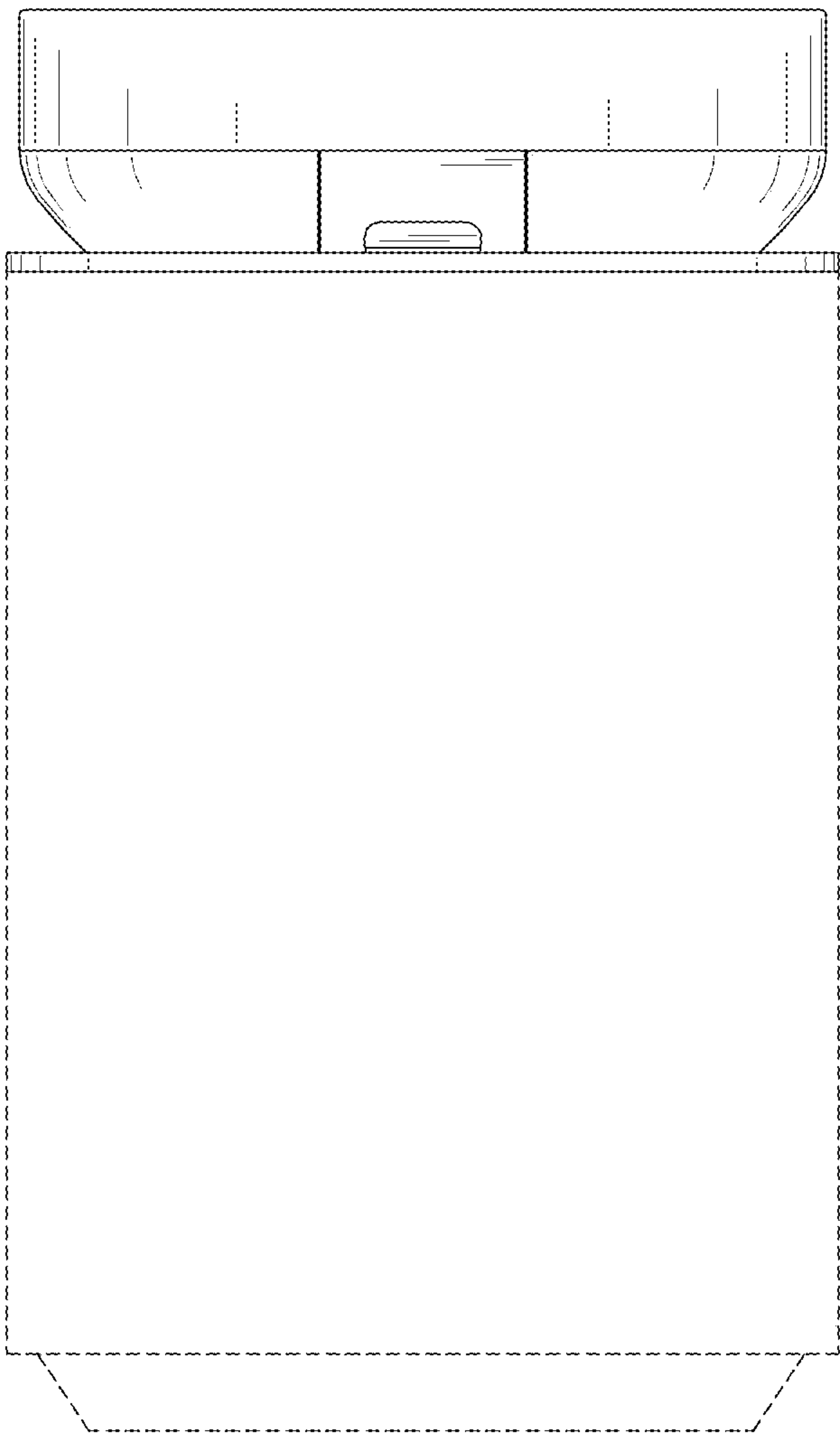


FIG. 3

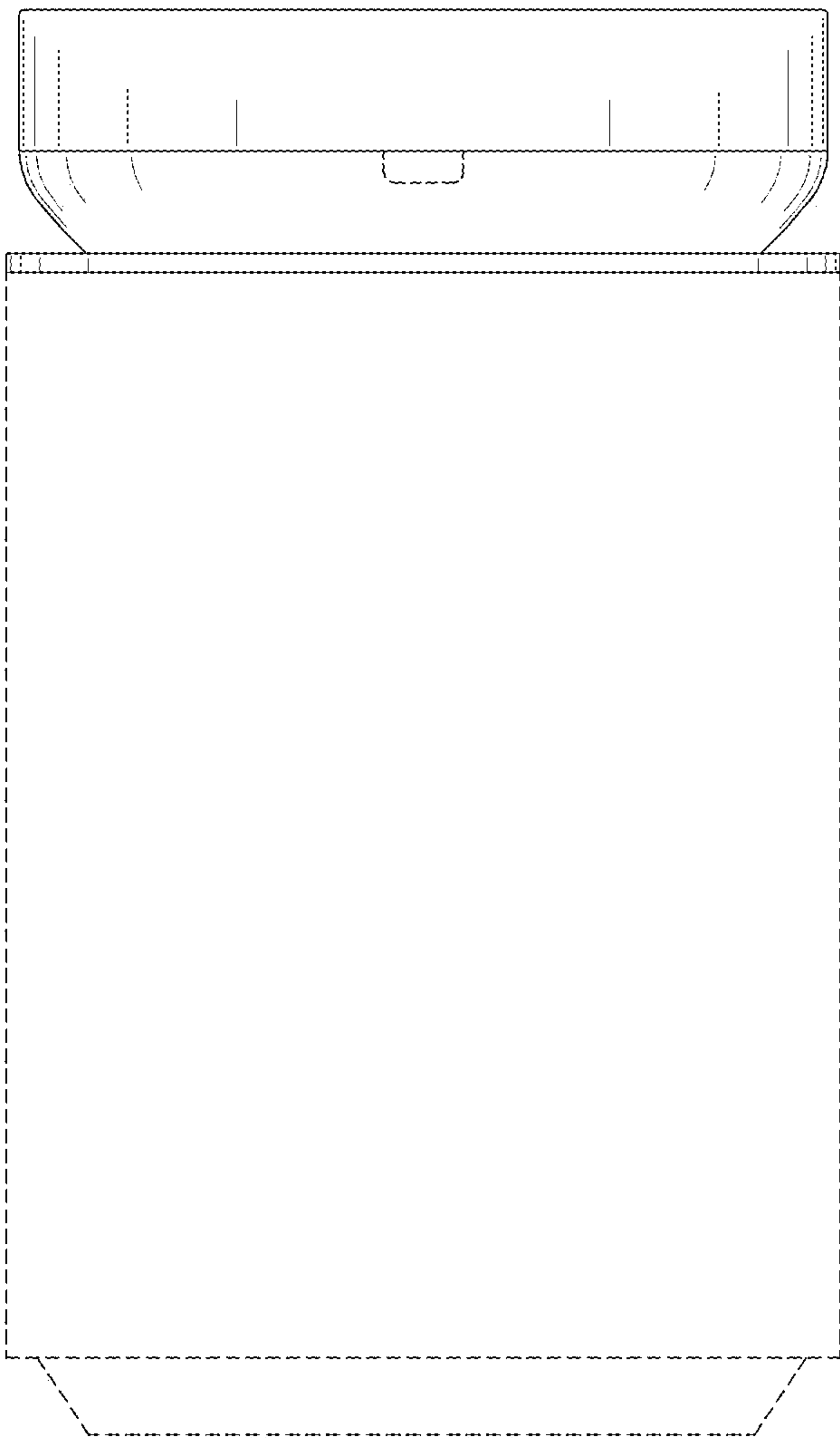


FIG. 4

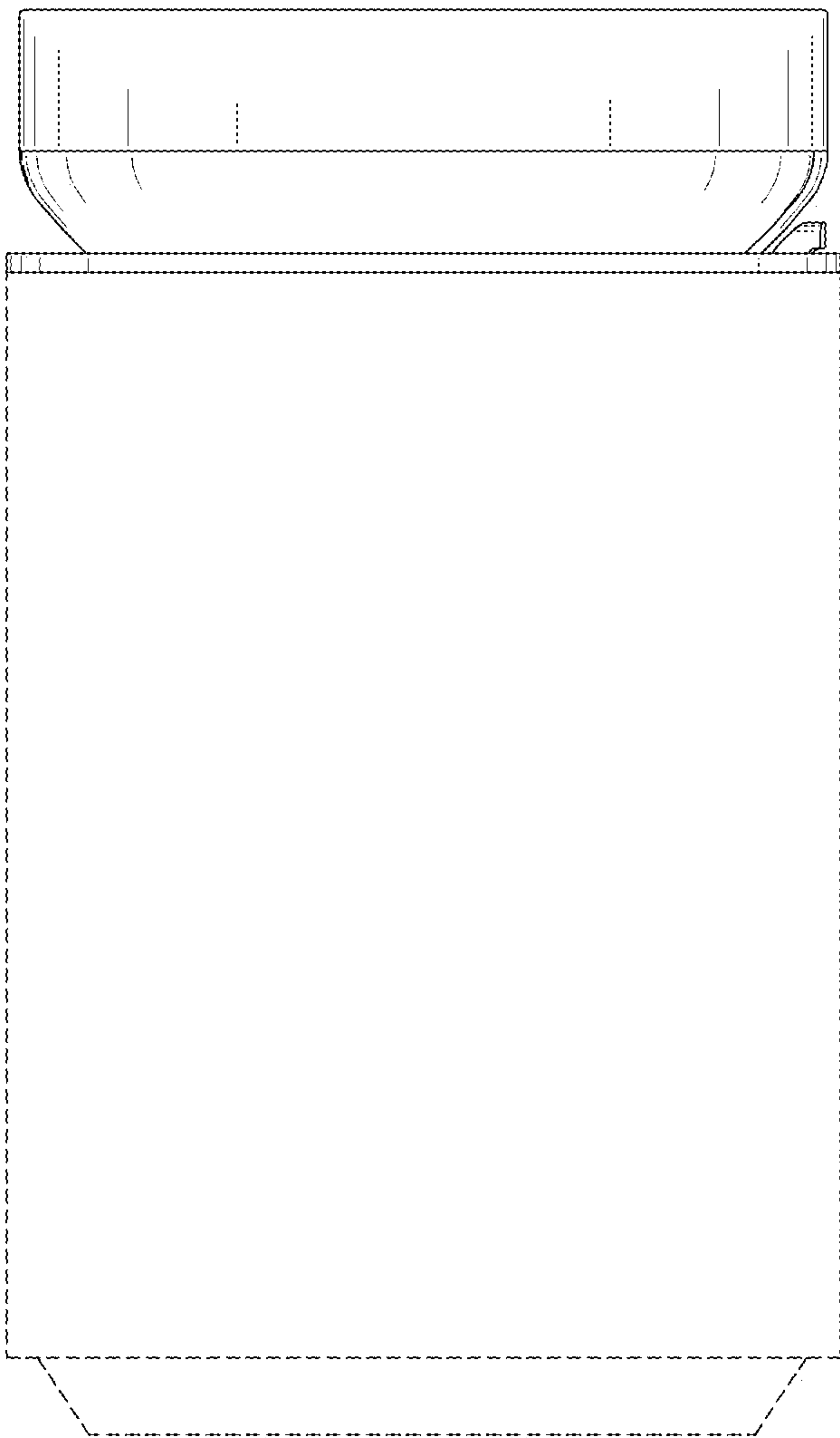


FIG. 5

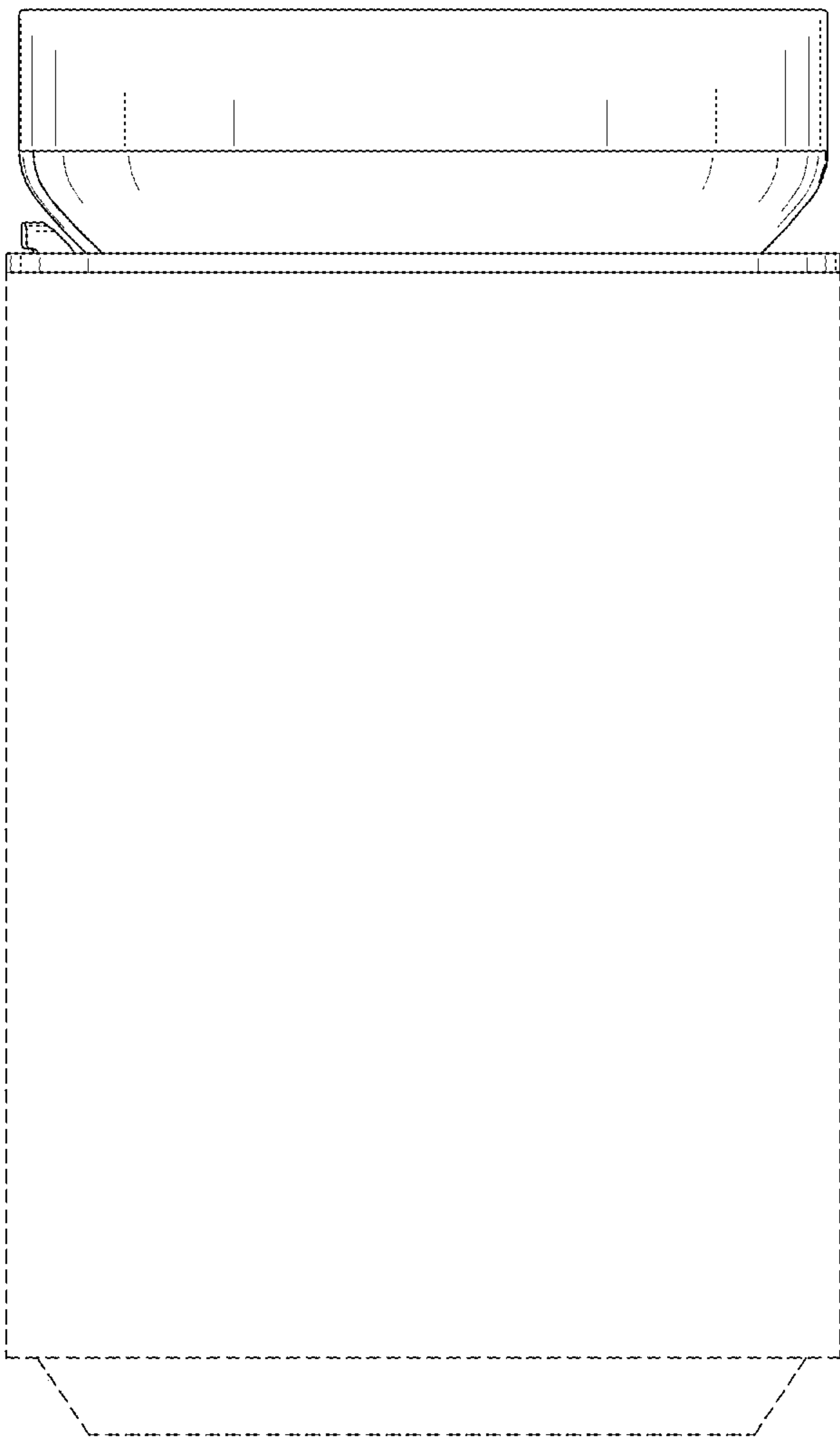


FIG. 6

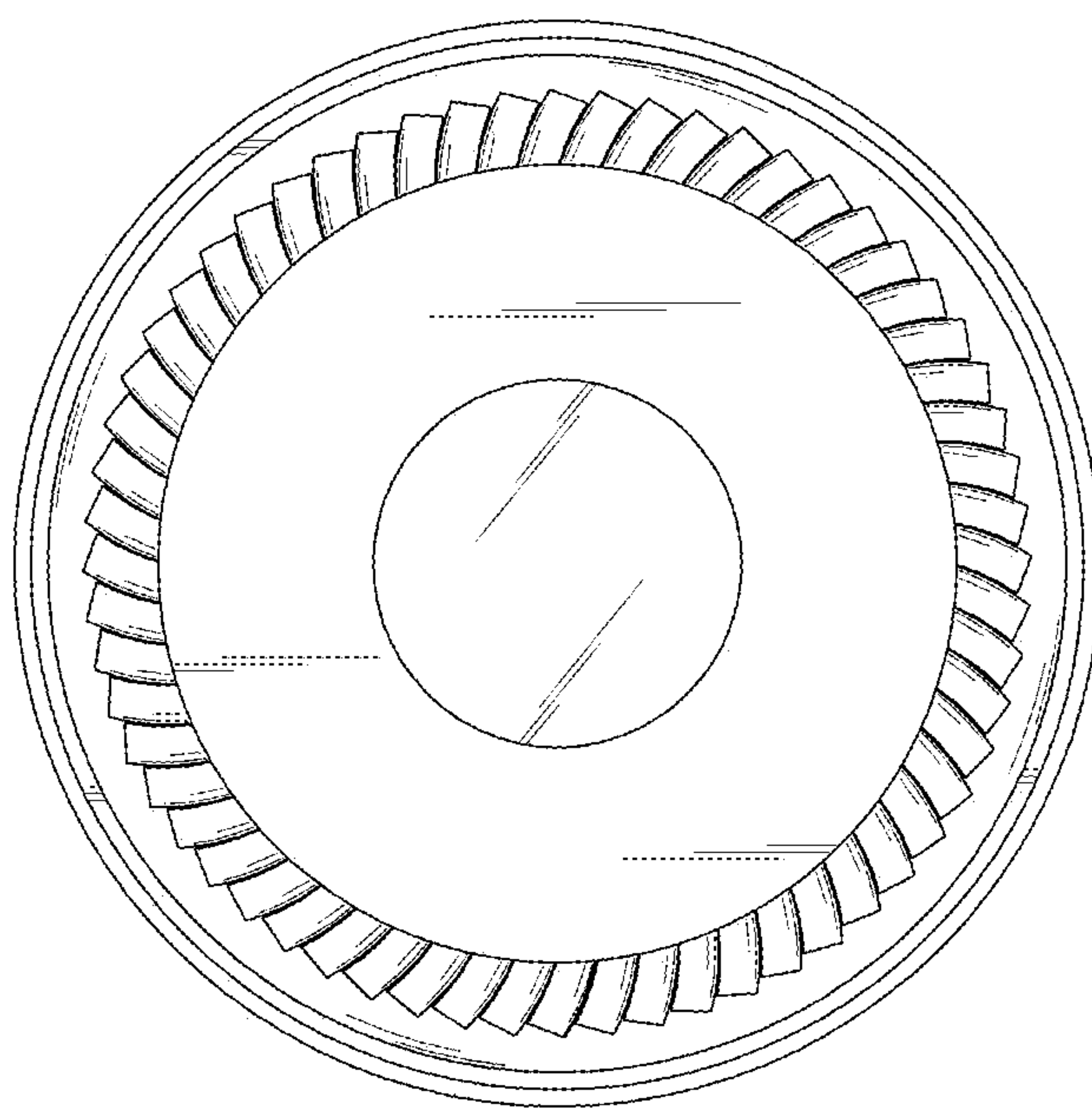


FIG. 7

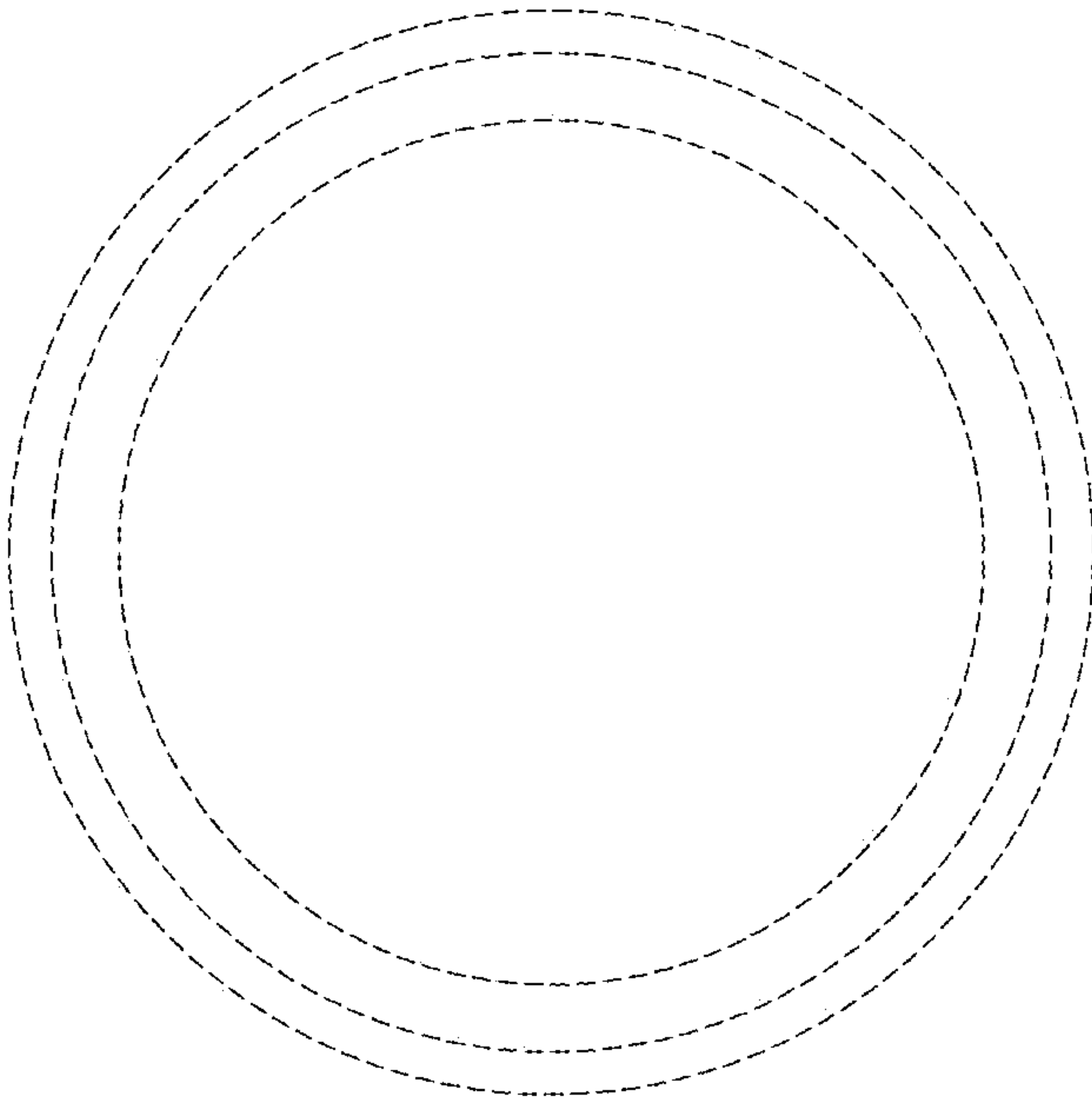


FIG. 8

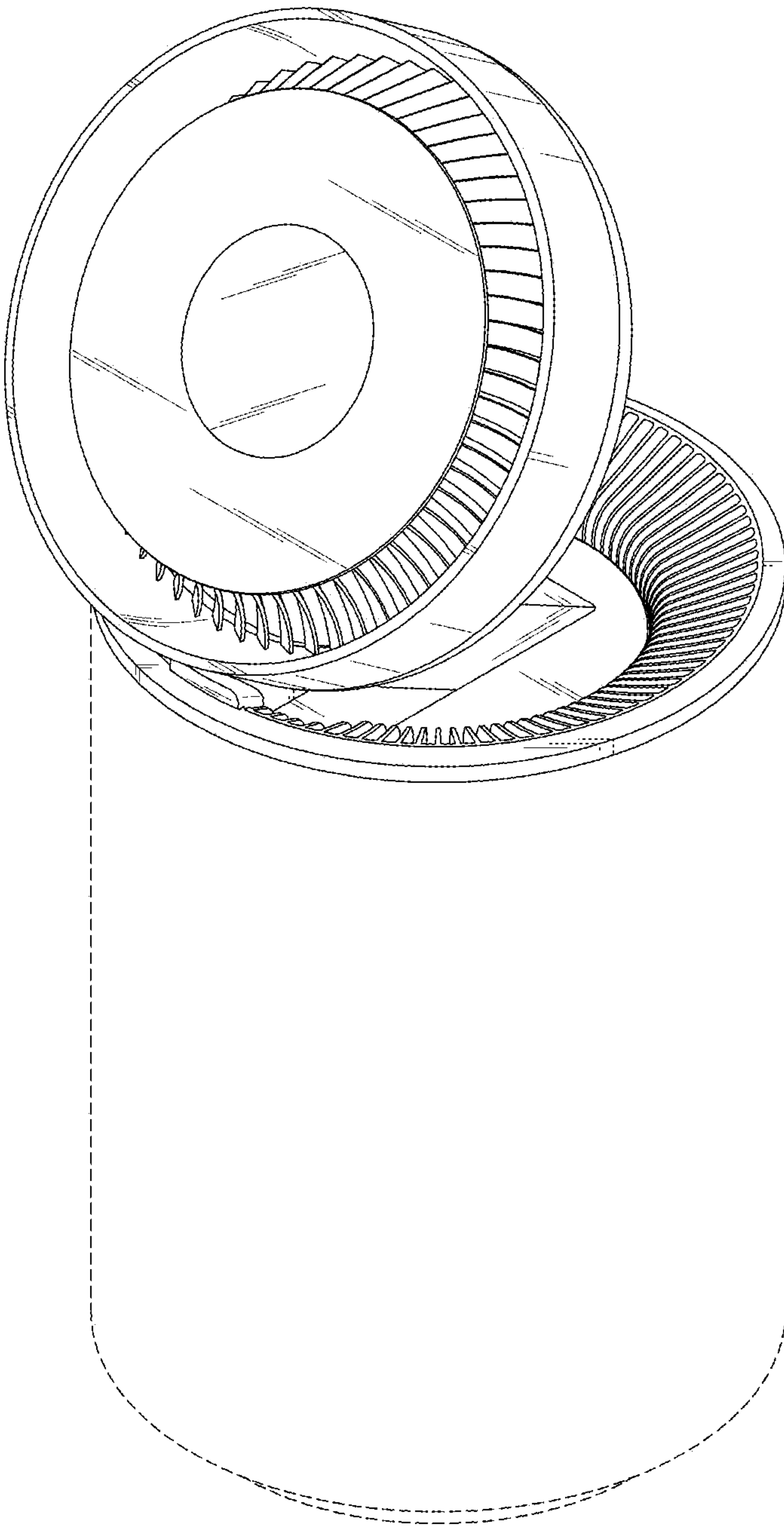


FIG. 9

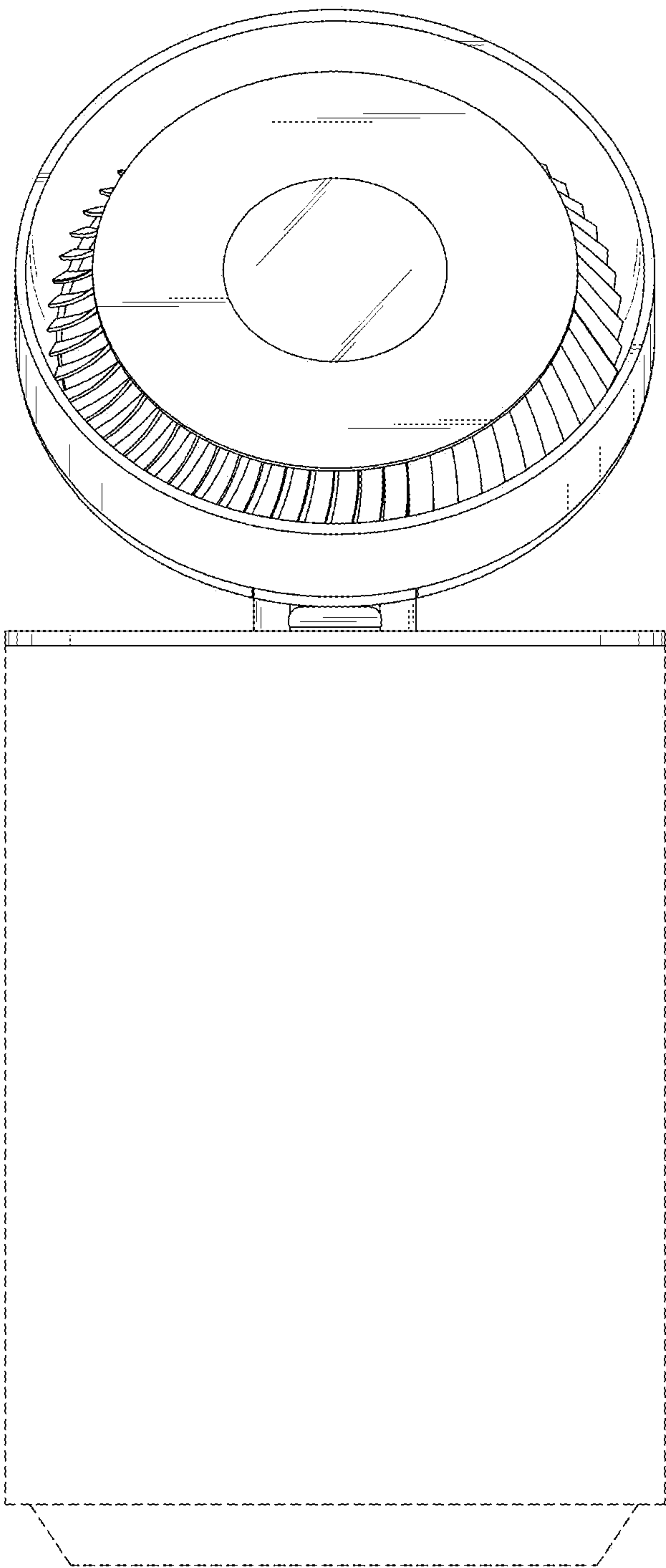


FIG. 10

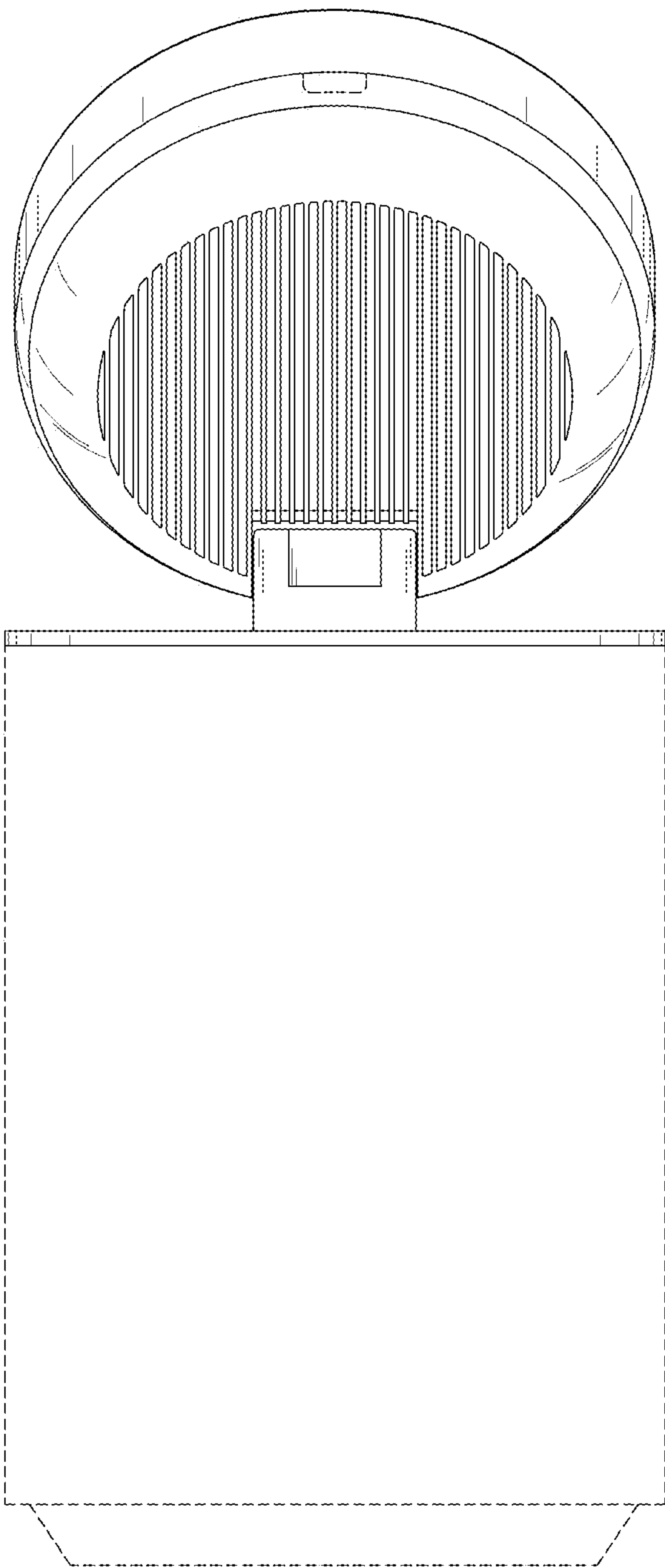


FIG. 11

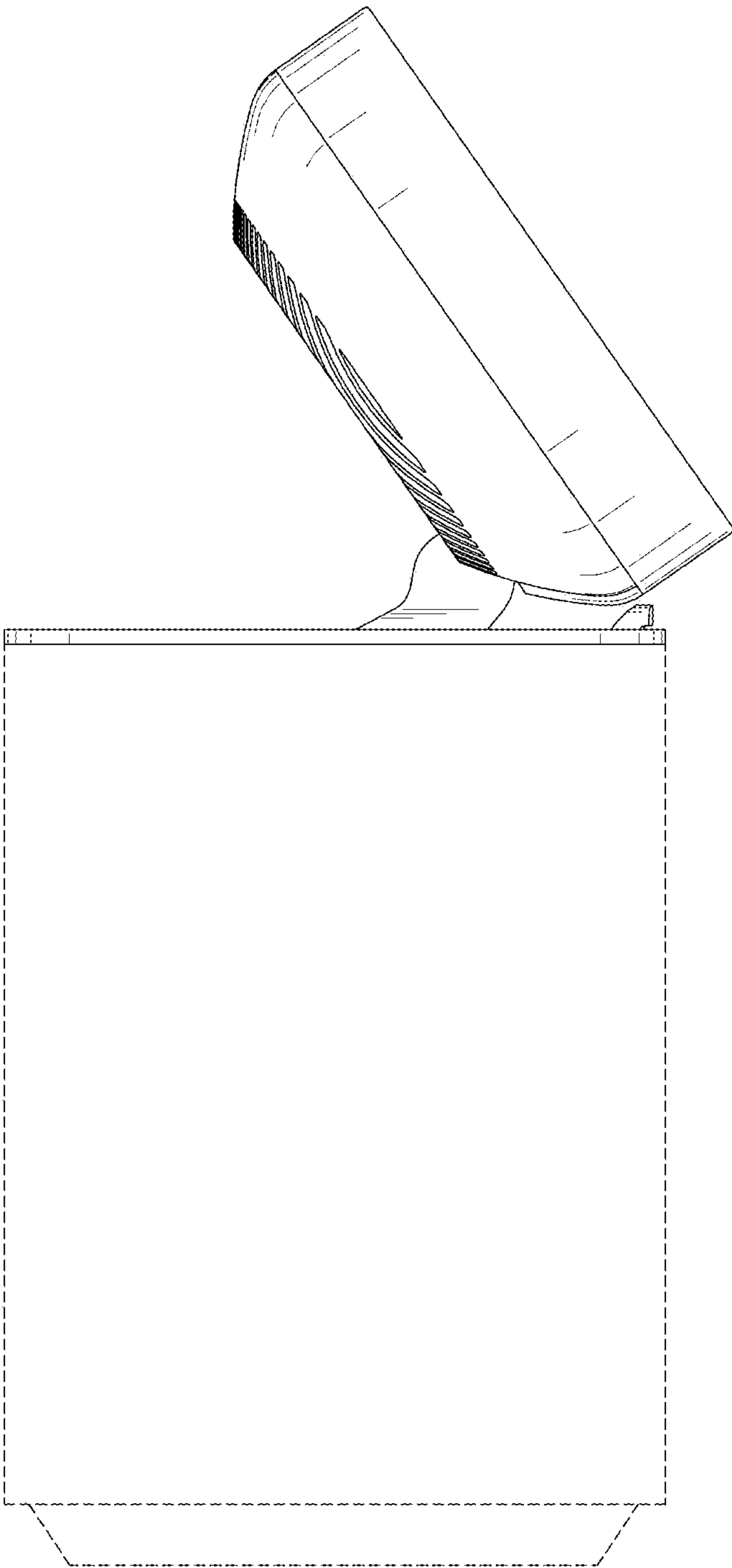


FIG. 12

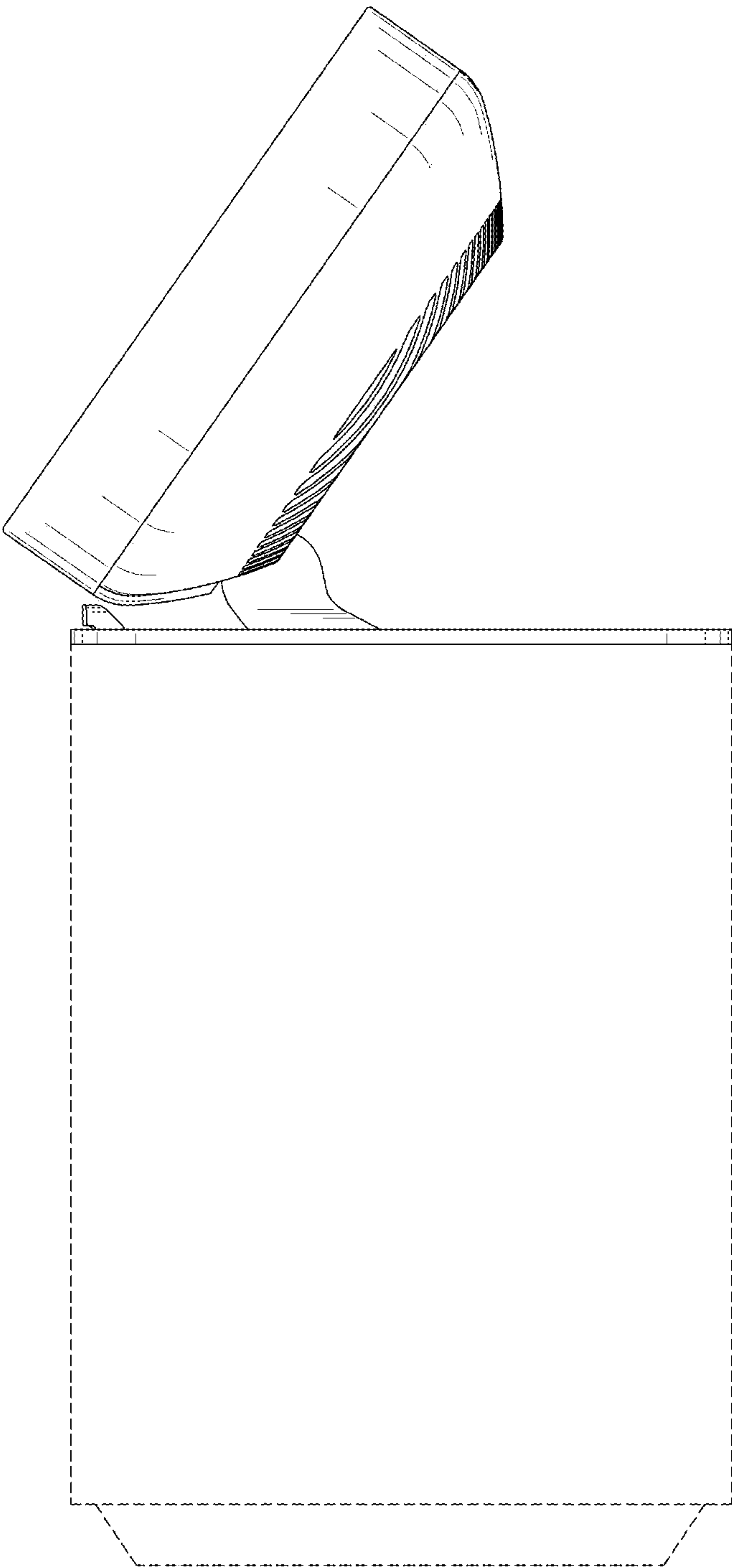


FIG. 13

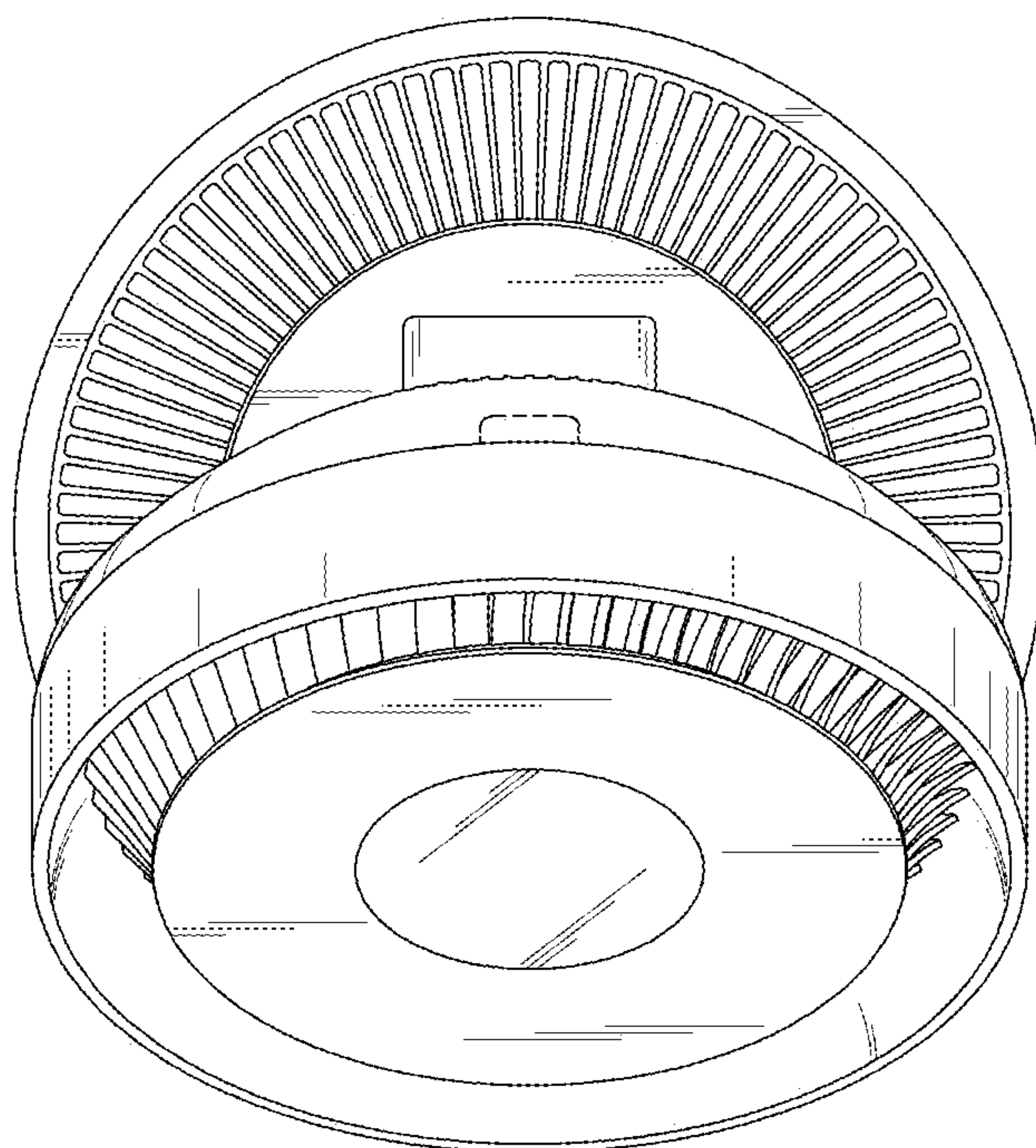


FIG. 14

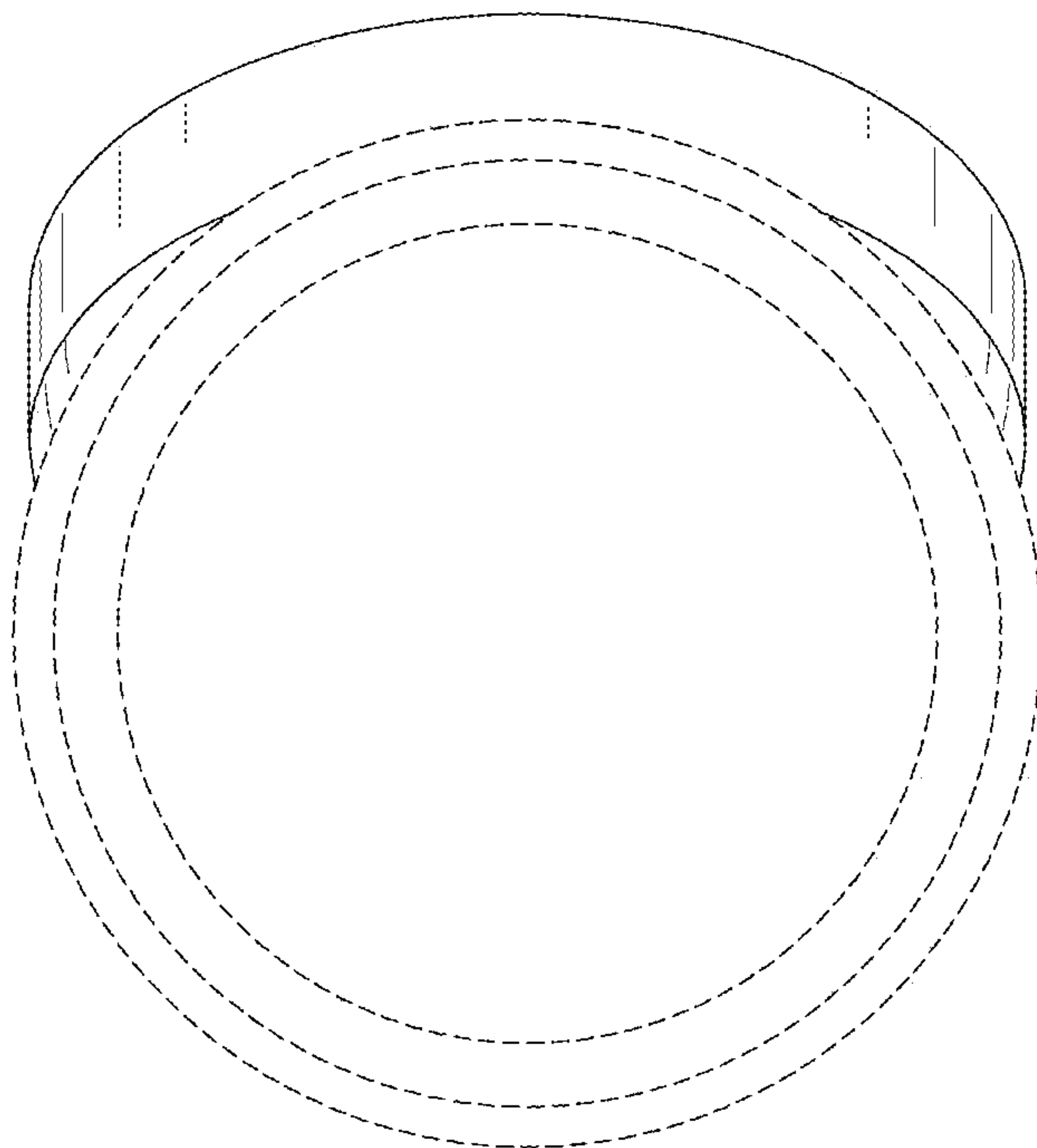


FIG. 15

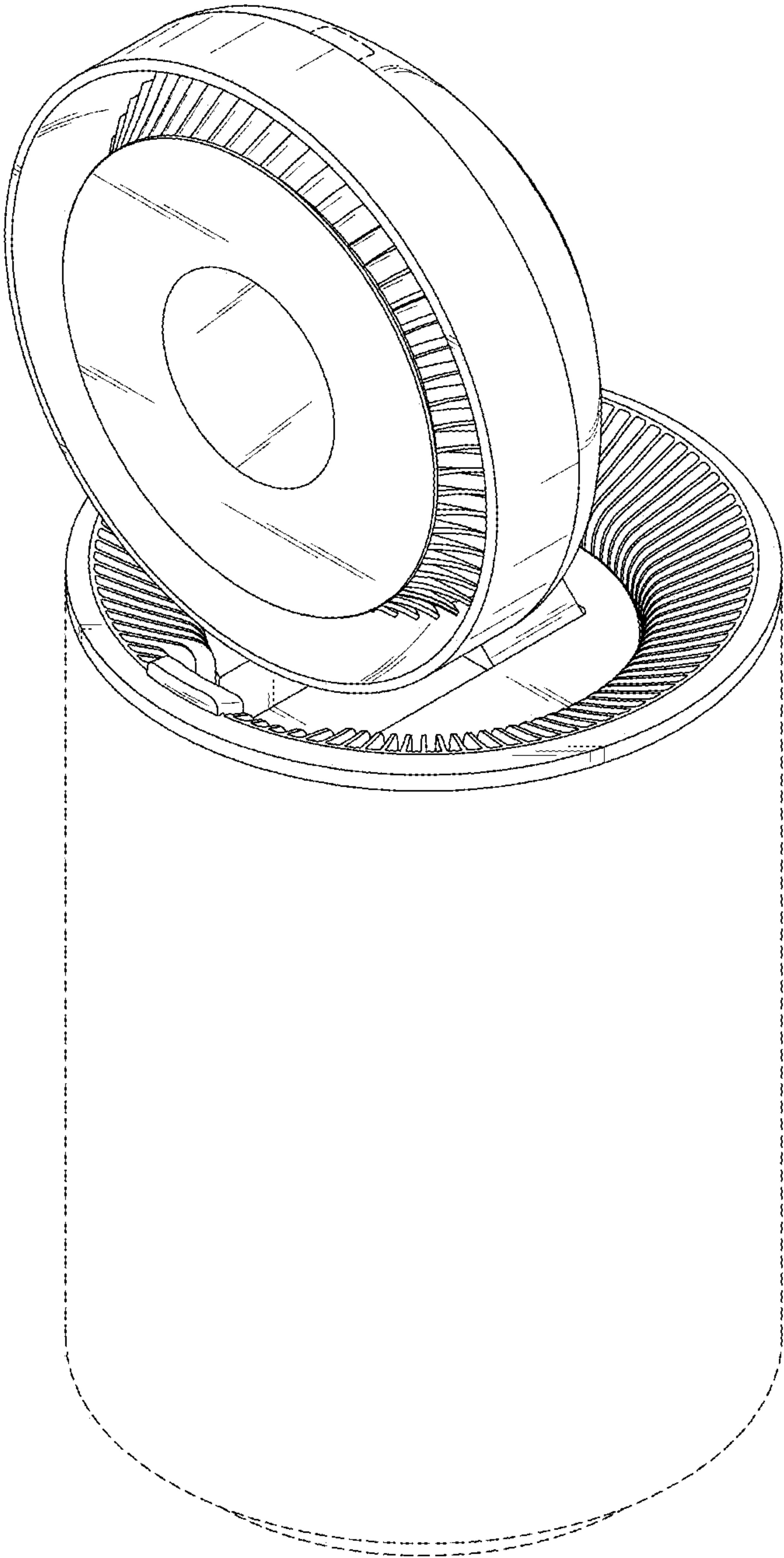


FIG. 16

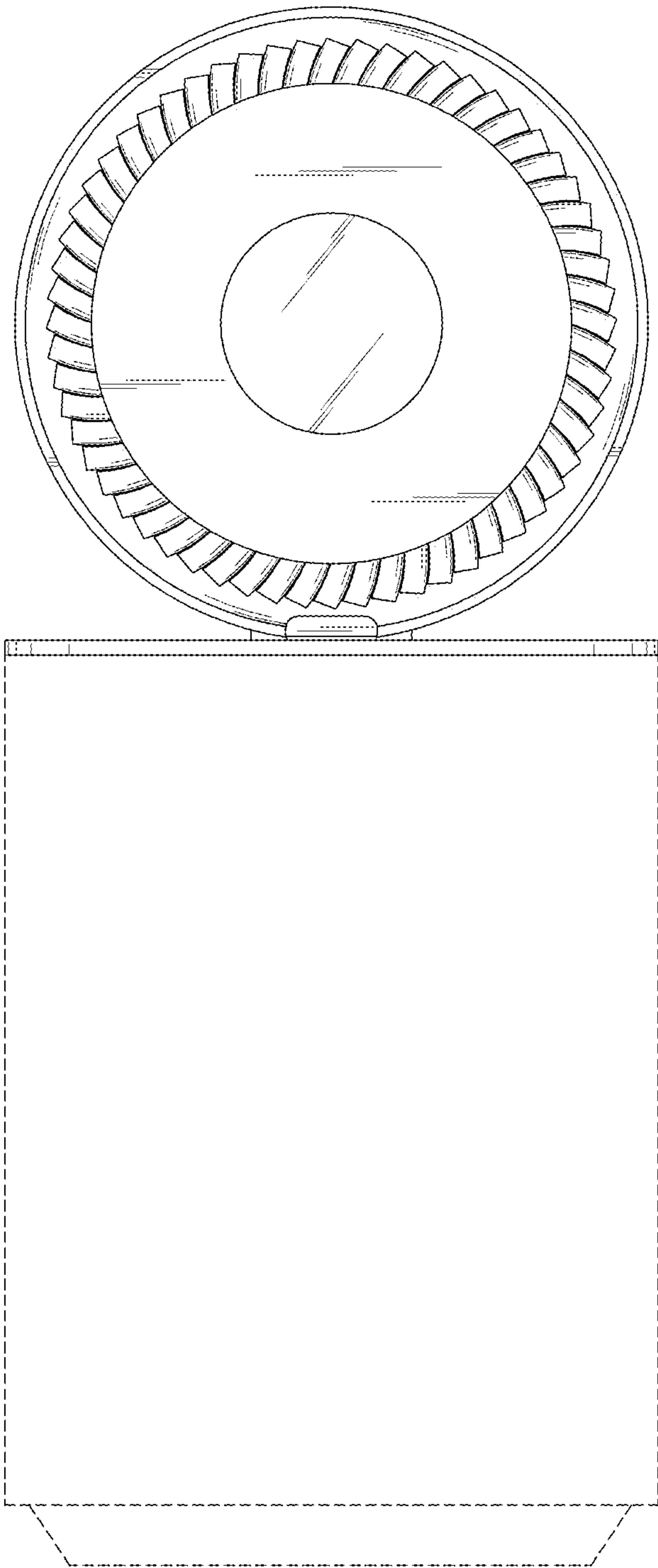


FIG. 17

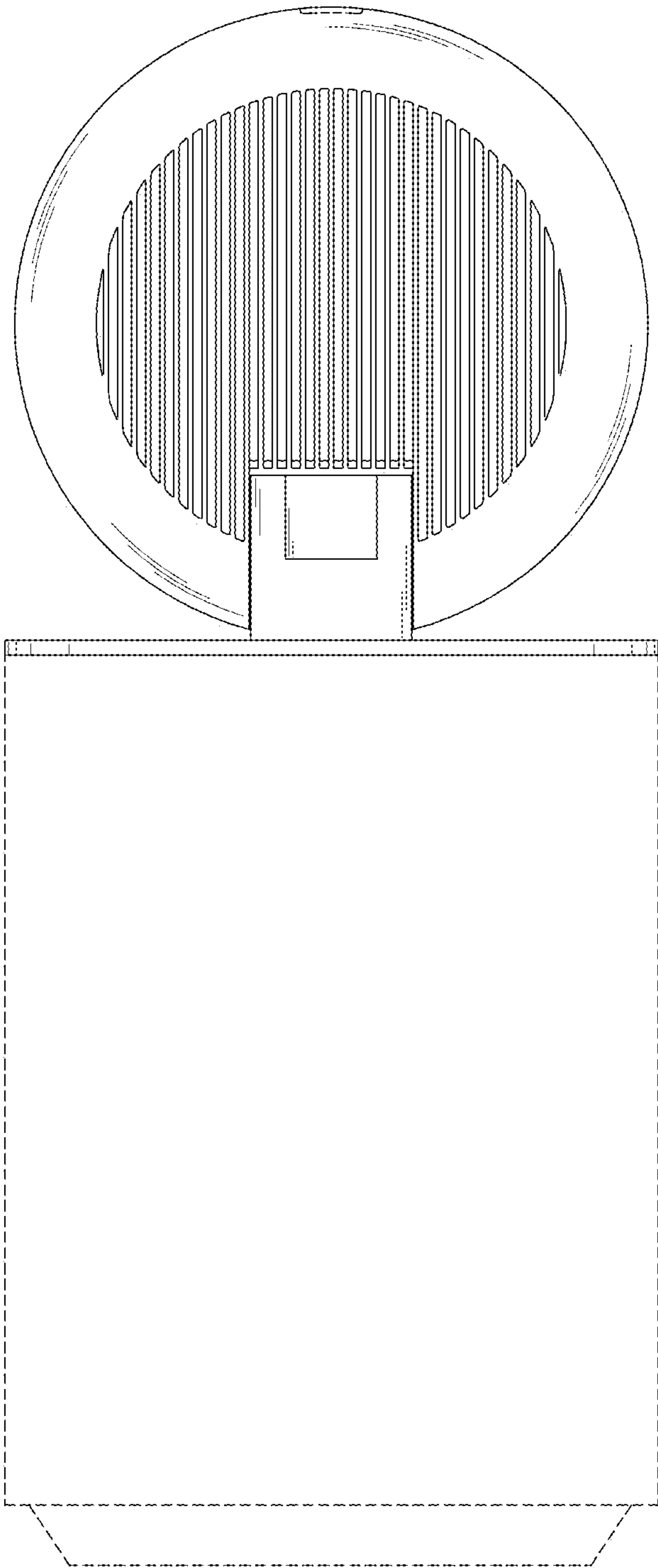


FIG. 18

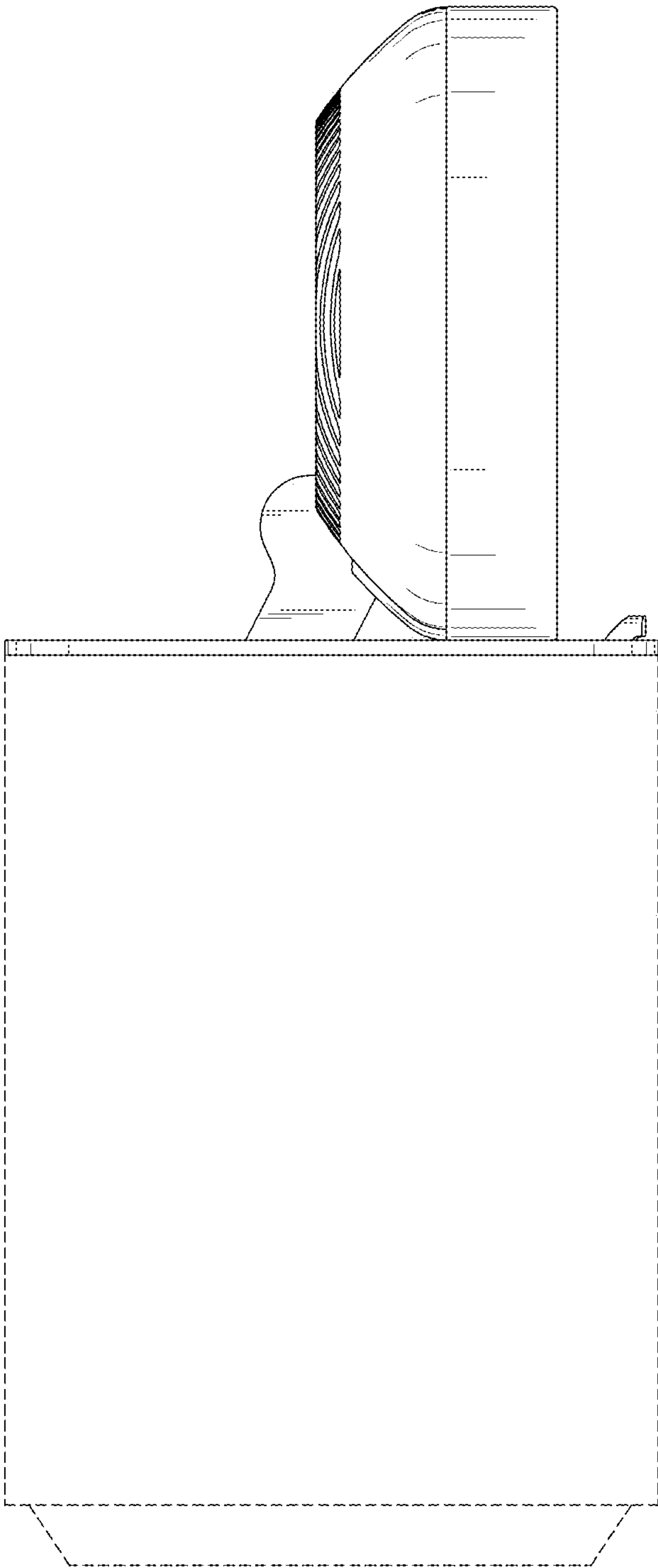


FIG. 19

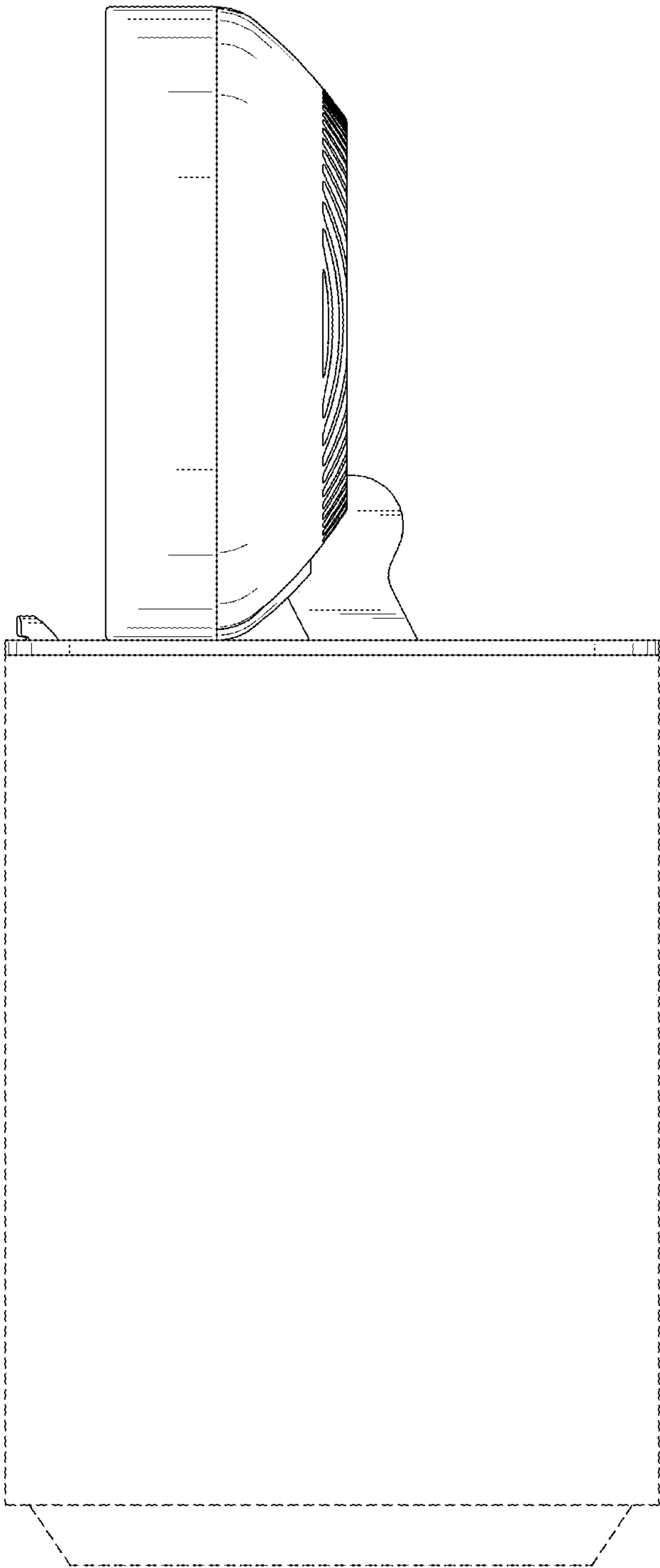


FIG. 20

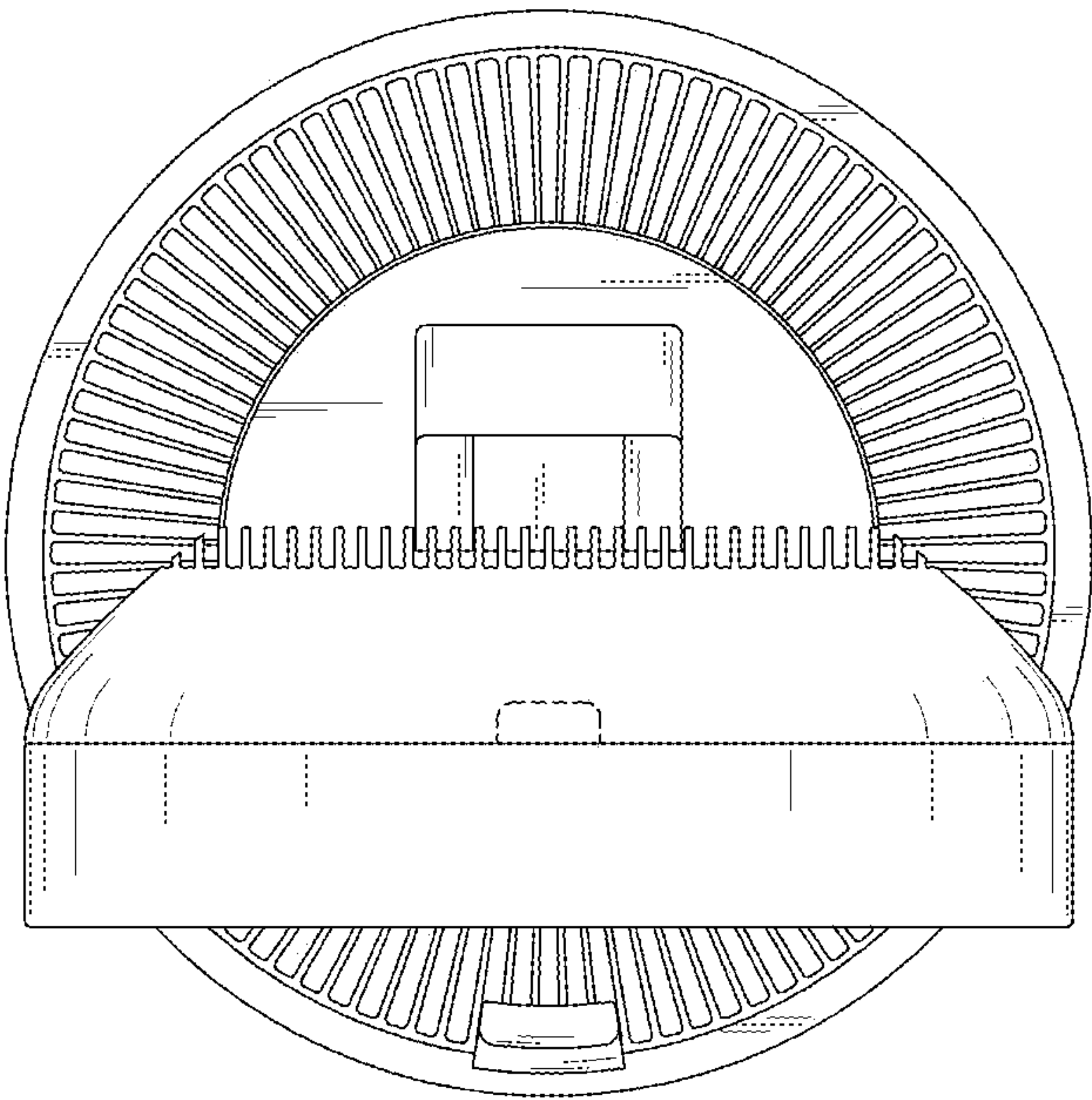


FIG. 21

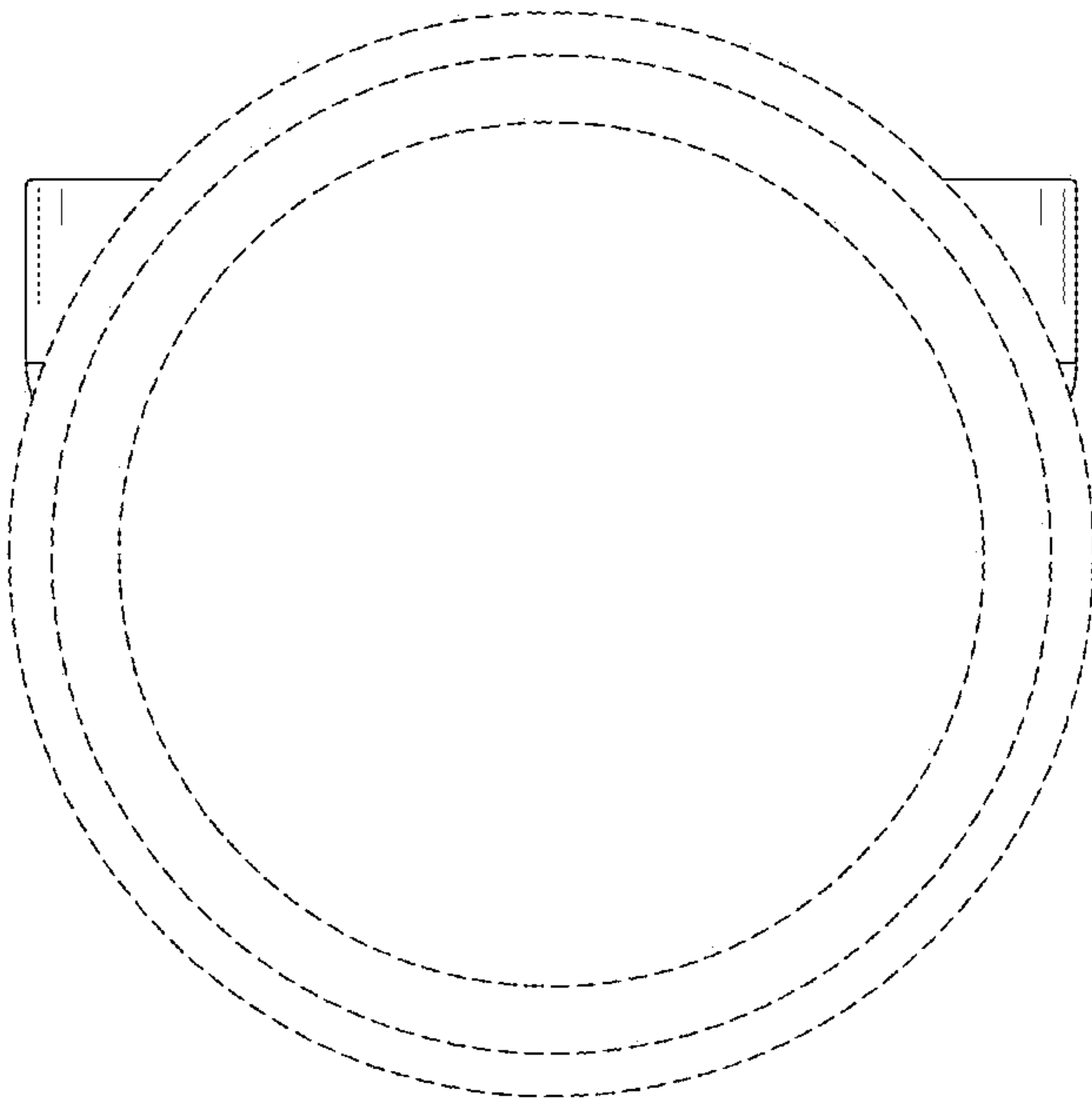


FIG. 22

