



US00D879274S

(12) **United States Design Patent**
Hu

(10) **Patent No.:** **US D879,274 S**
(45) **Date of Patent:** **** Mar. 24, 2020**

(54) **HUMIDIFIER**
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(**) Term: **15 Years**

(21) Appl. No.: **29/711,595**

(22) Filed: **Oct. 31, 2019**

(51) **LOC (12) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/356**

(58) **Field of Classification Search**
USPC D23/355–366, 352, 369, 332, 333, 335, D23/336, 342, 351; 422/120, 122; 55/356, 473, 504; 96/97; 261/DIG. 17, 261/DIG. 65, DIG. 88, DIG. 31
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; F24F 2001/0096
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D513,797 S 1/2006 Wang
D643,099 S * 8/2011 Bates D23/365

D645,949 S * 9/2011 Brandenburg D23/366
D681,791 S * 5/2013 Jorgensen D23/366
D700,692 S * 3/2014 Engelhardt D23/360
8,758,680 B2 * 6/2014 Hishida A61L 9/122
422/5
D807,998 S 1/2018 Kim et al.
D816,200 S 4/2018 Hu
D826,388 S 8/2018 Bomatter et al.
D828,527 S 9/2018 Xu
D849,218 S * 5/2019 Liang D23/356
D850,596 S * 6/2019 Wu D23/366
D854,134 S * 7/2019 Jessup D23/364
D856,501 S * 8/2019 Netkin D23/366
D864,367 S * 10/2019 Chen D23/356
D864,368 S * 10/2019 Chen D23/356
D865,149 S * 10/2019 Lin D23/364
D872,846 S * 1/2020 Jessup D23/364

* cited by examiner

Primary Examiner — David G Muller

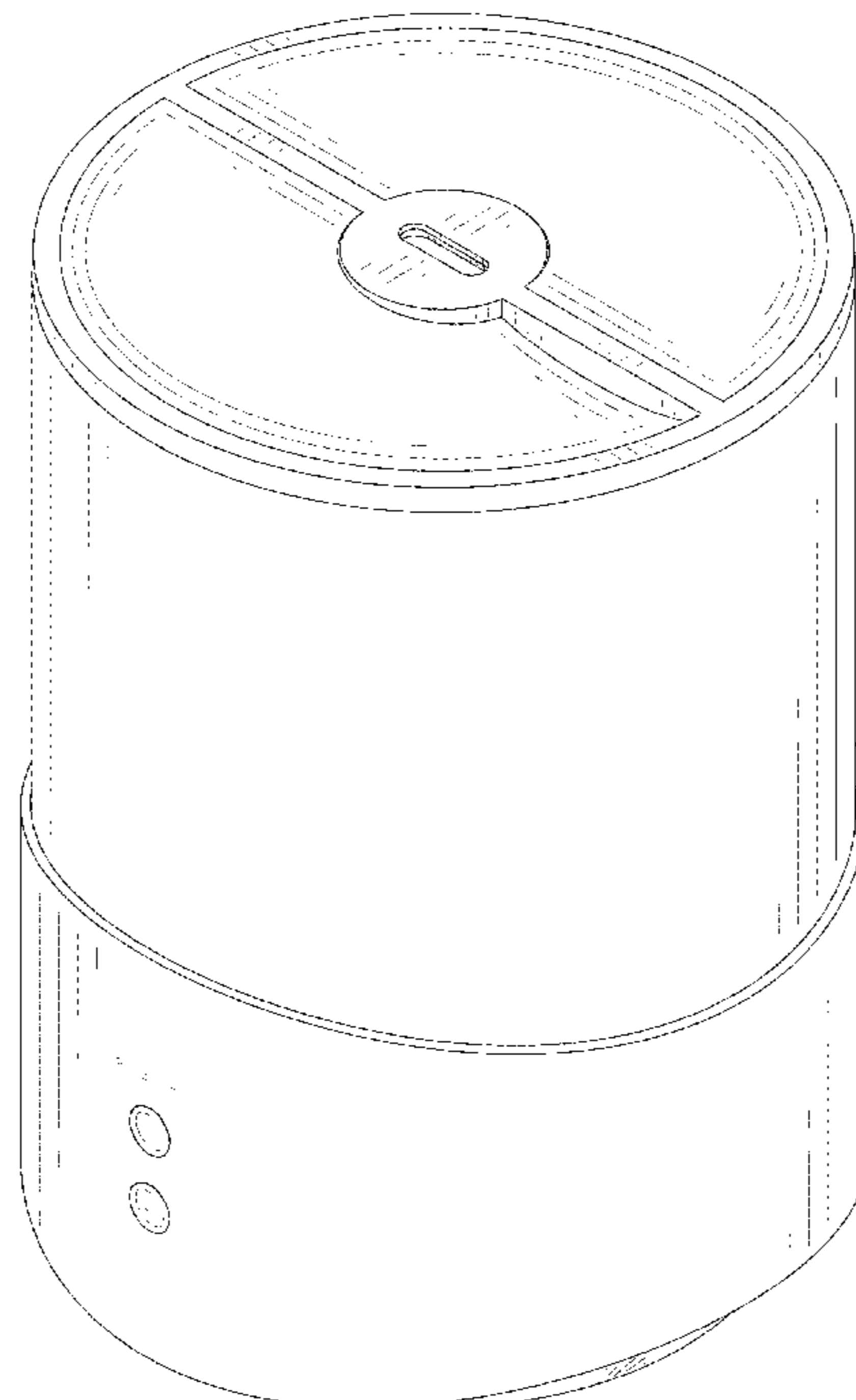
(57) **CLAIM**

The ornamental design for a humidifier, as shown and described.

DESCRIPTION

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

1 Claim, 8 Drawing Sheets



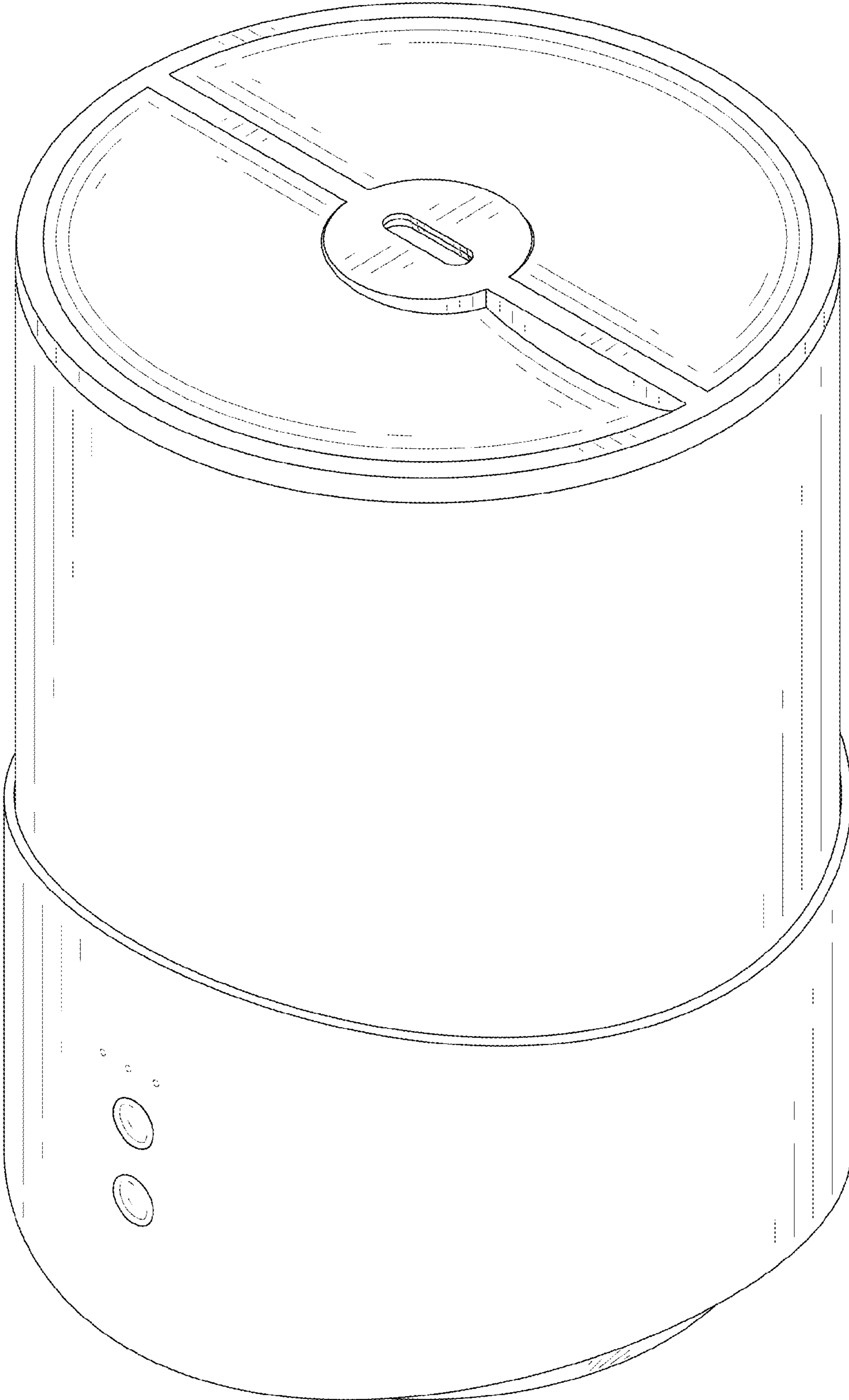


FIG. 1

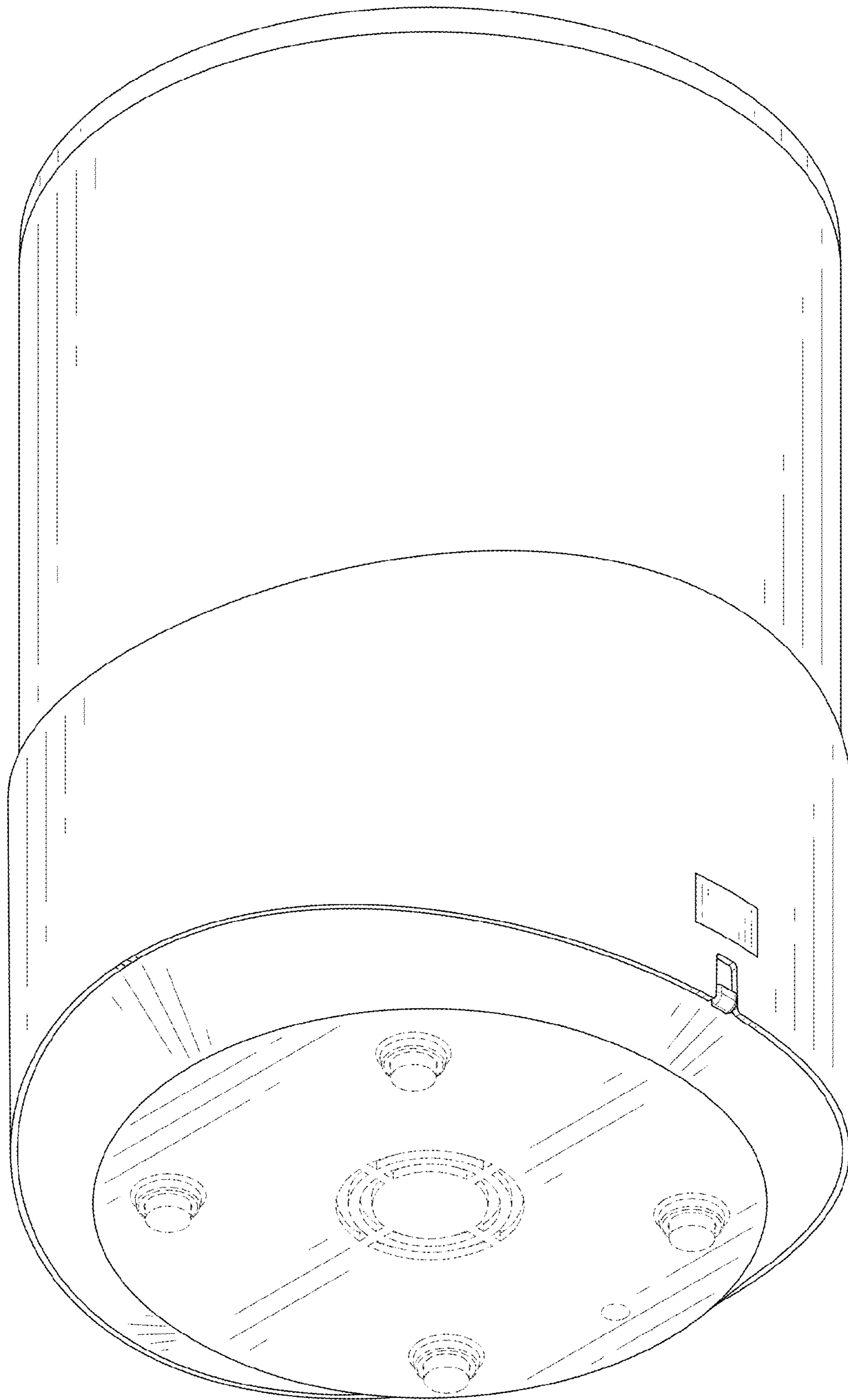


FIG. 2

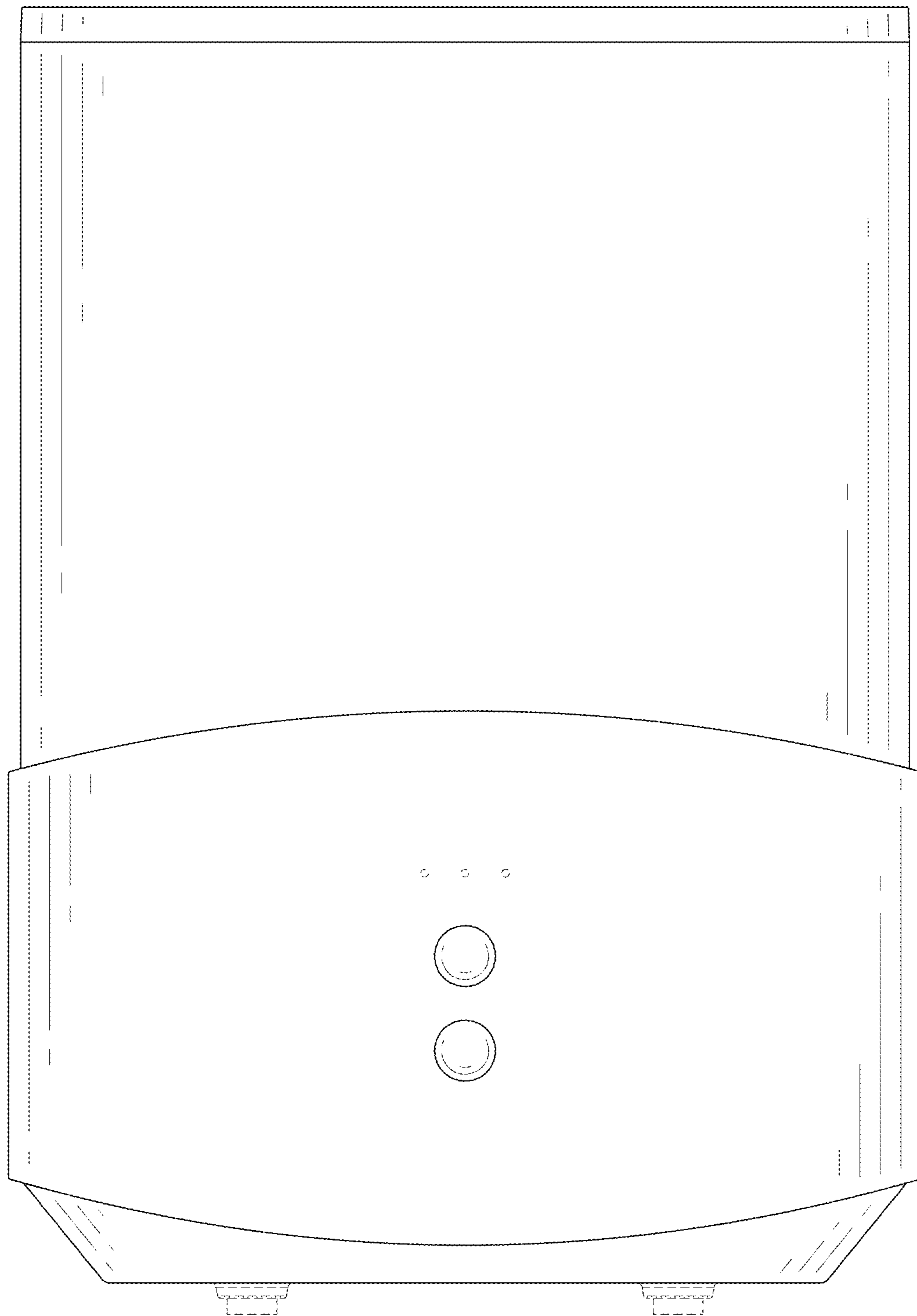


FIG. 3

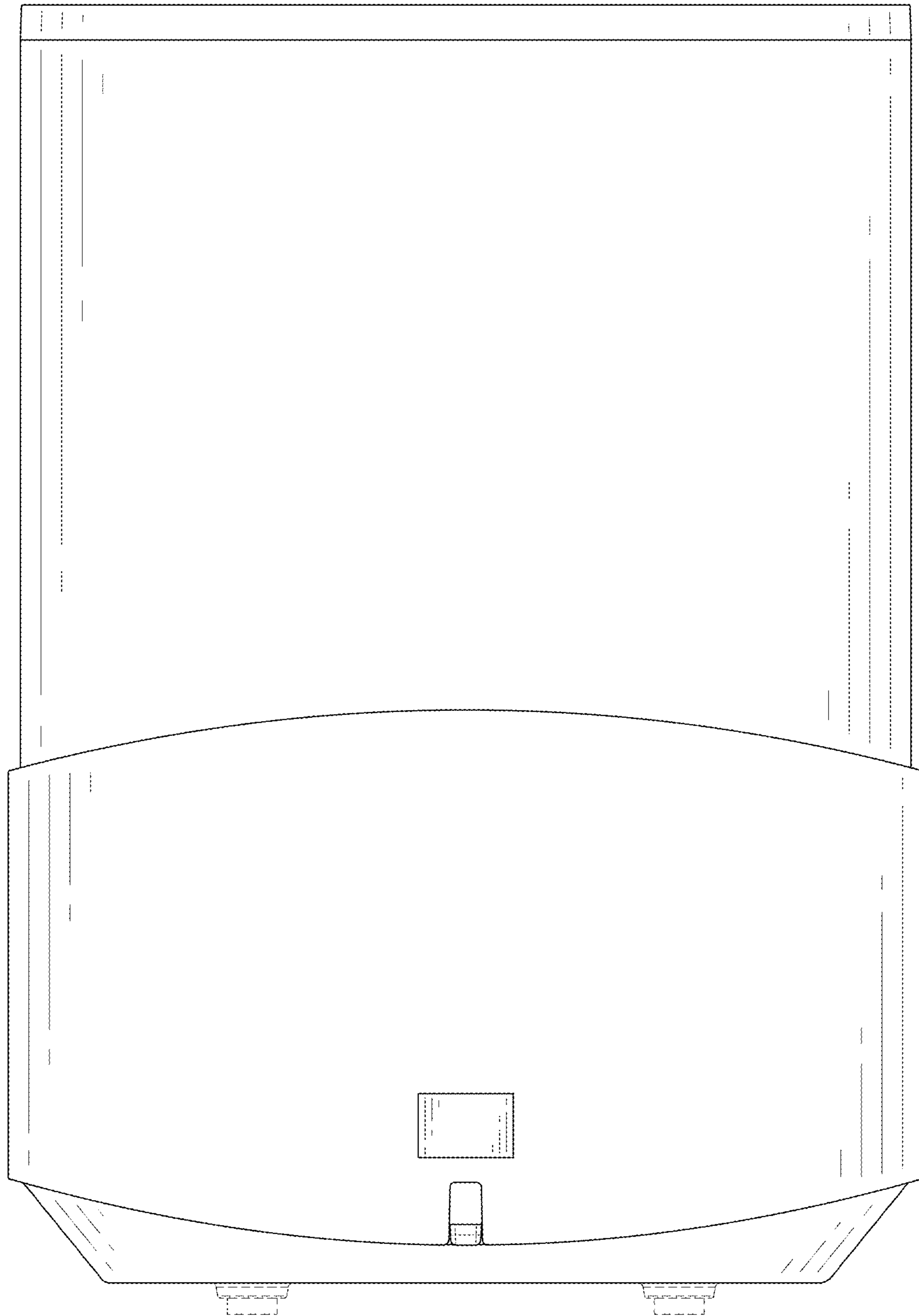


FIG. 4

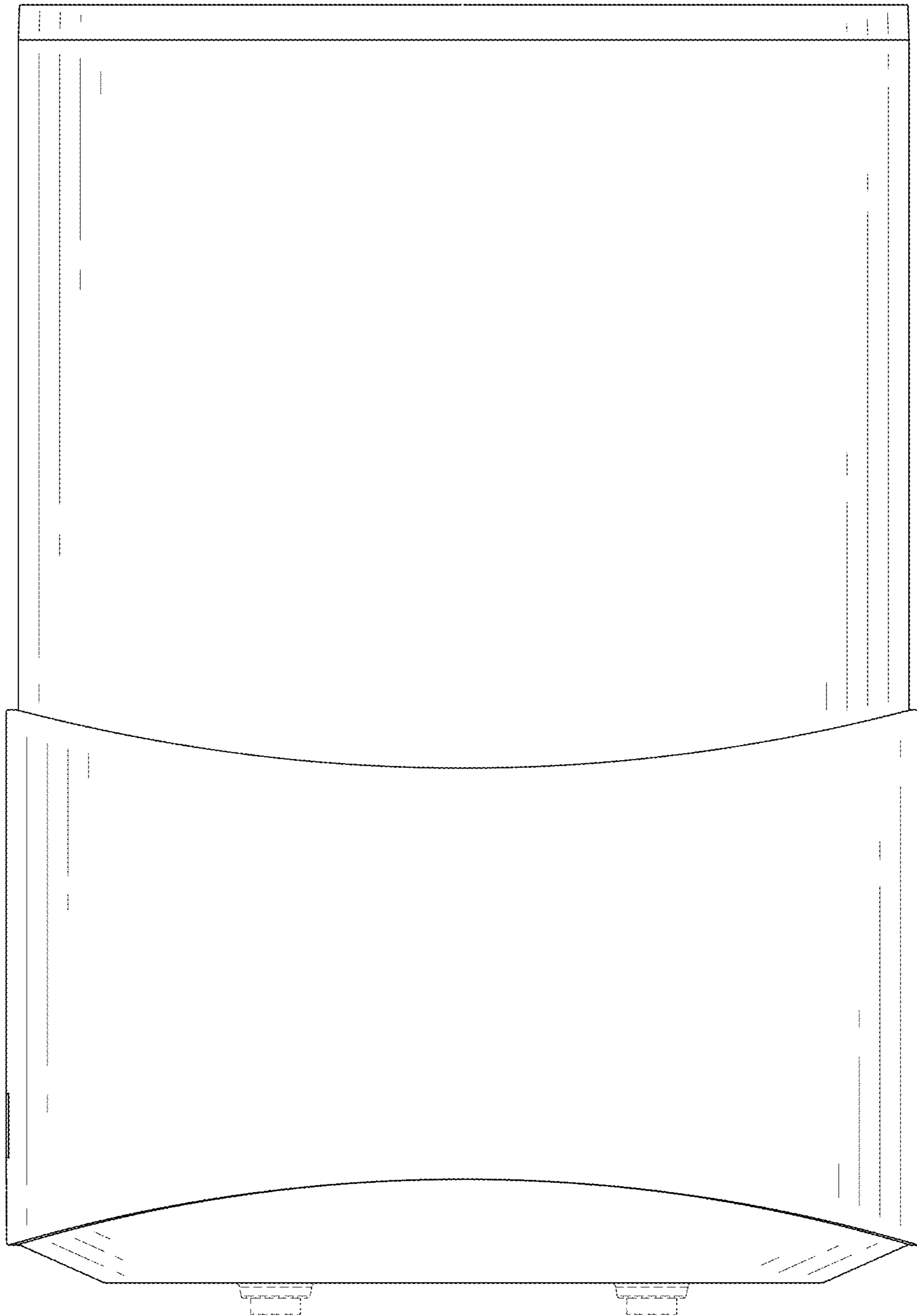


FIG. 5

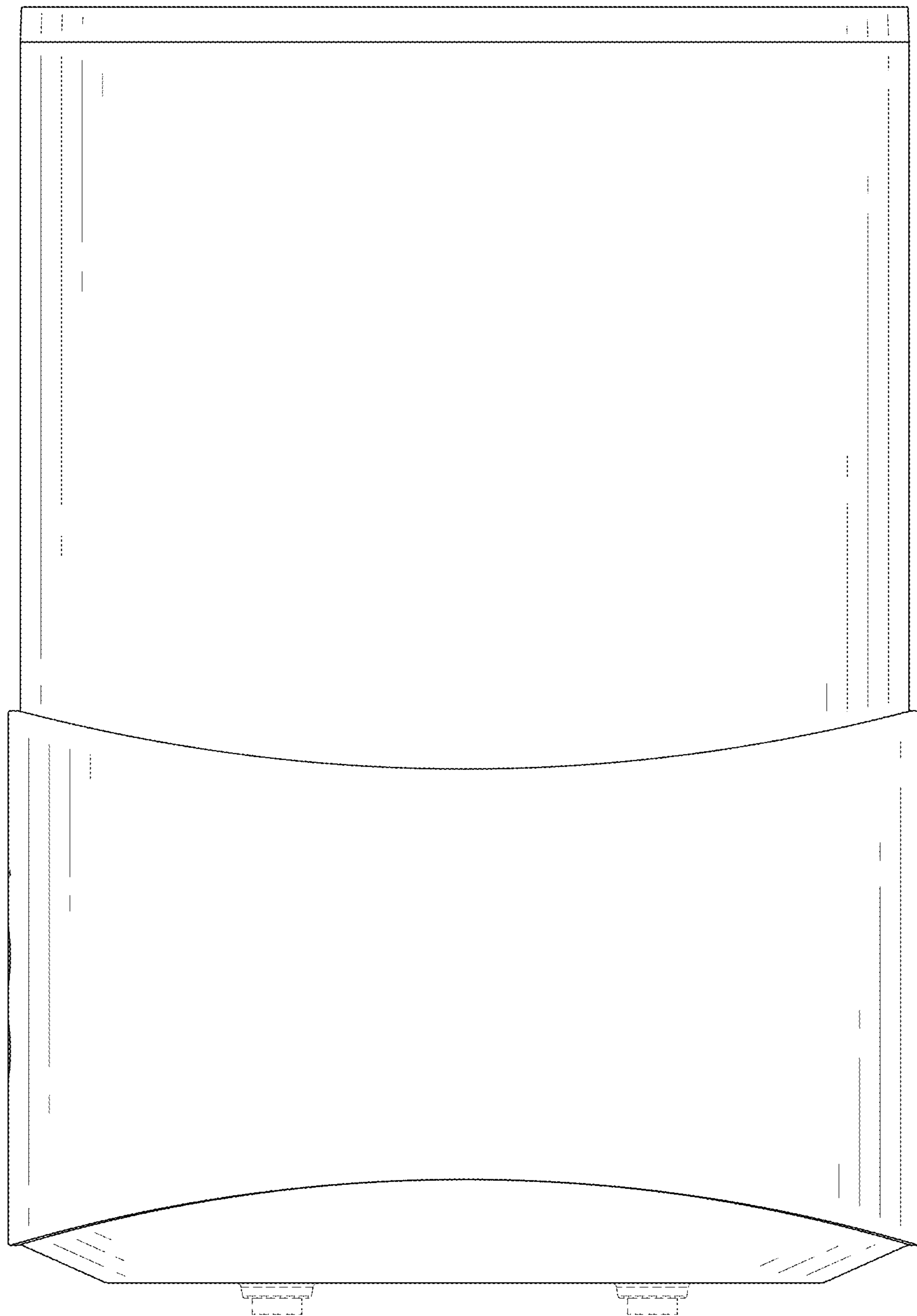


FIG. 6

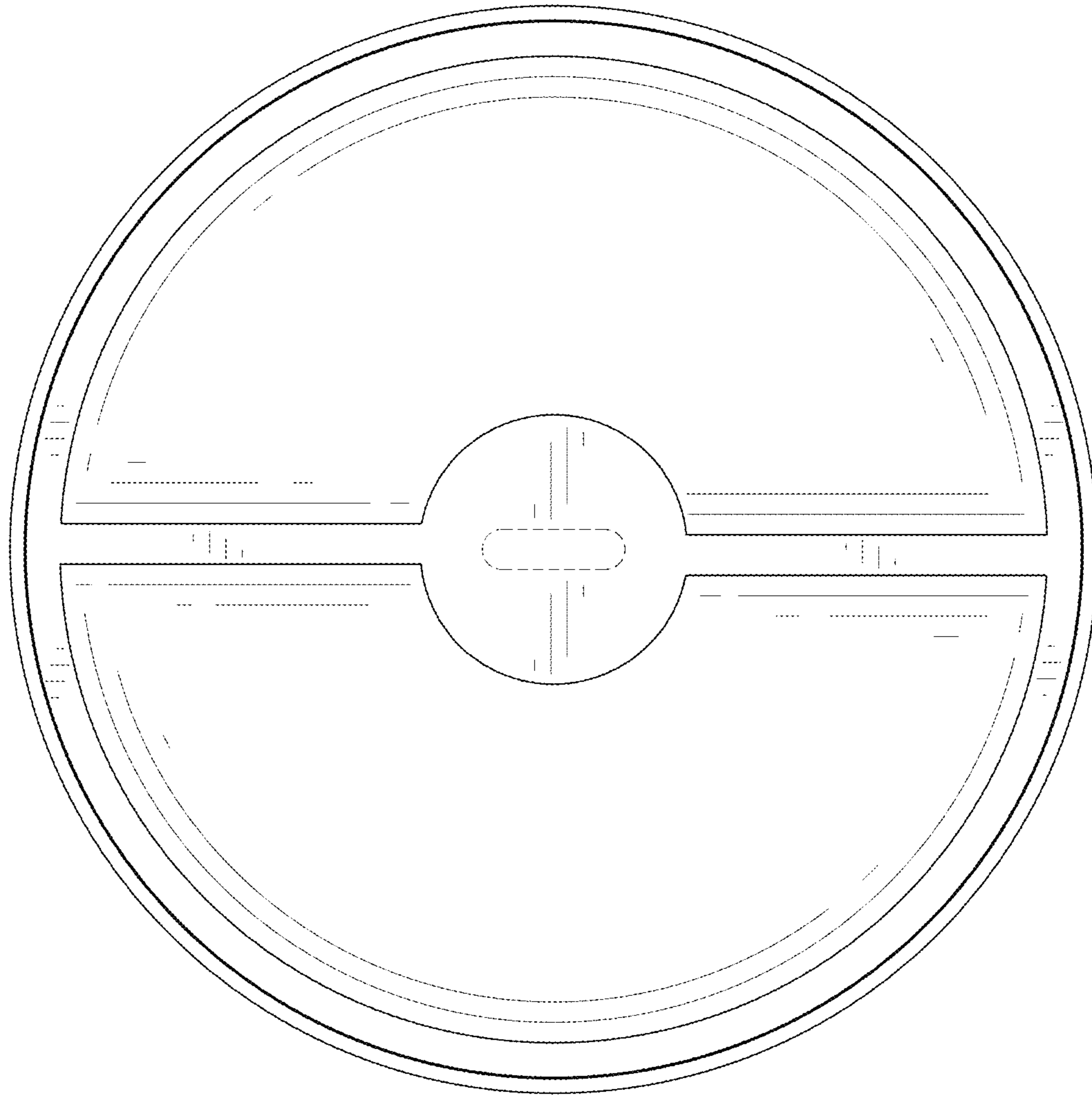


FIG. 7

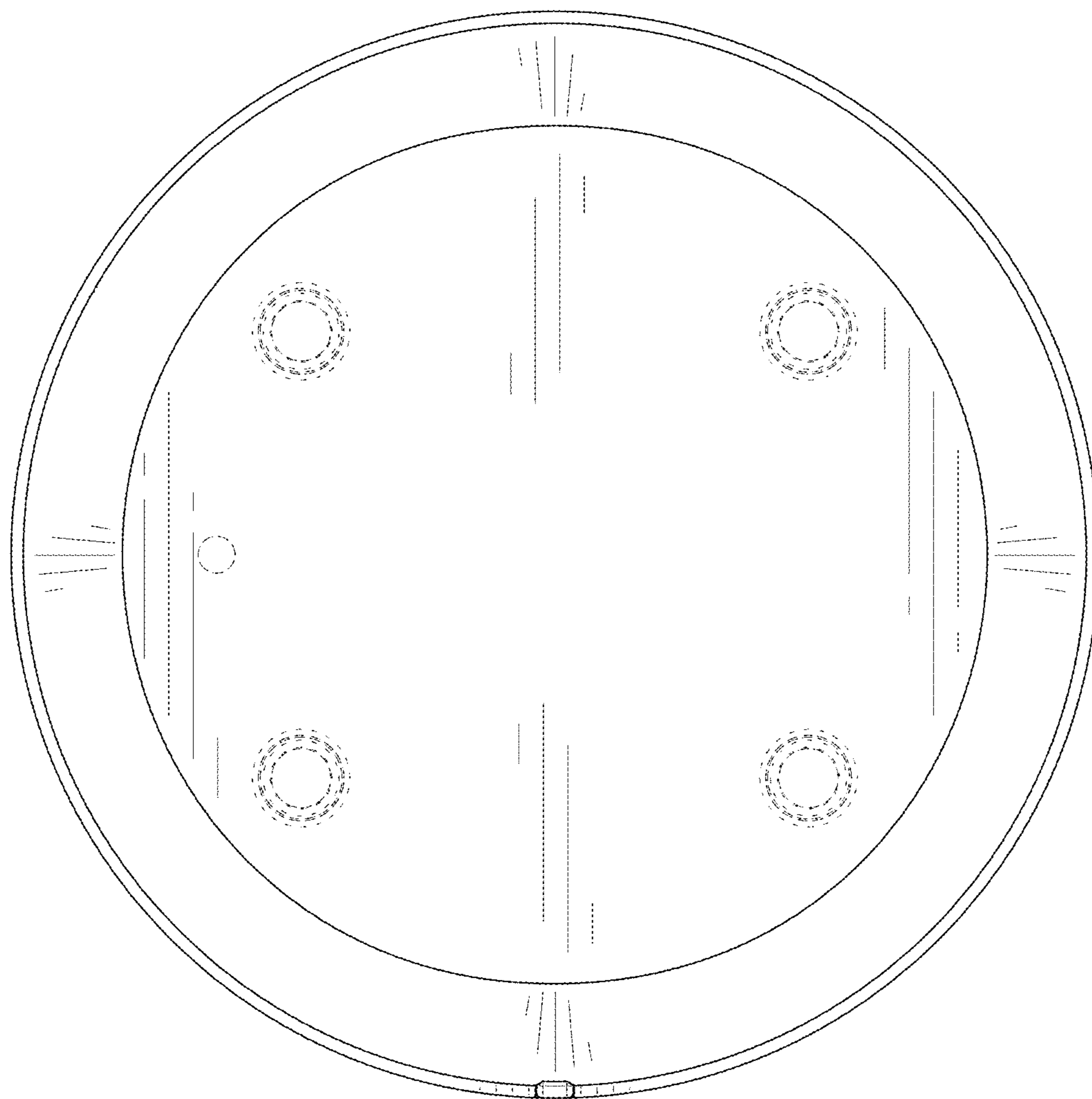


FIG. 8