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(12) **United States Design Patent** (10) **Patent No.:** **US D898,175 S**
Liu et al. (45) **Date of Patent:** **** Oct. 6, 2020**

(54) **HUMIDIFIER**
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D766,415 S * 9/2016 Kim D23/364
D773,027 S * 11/2016 Hu D23/365
D797,913 S * 9/2017 Asvaintra D23/351
D801,505 S * 10/2017 Yin D23/364
D815,720 S 4/2018 Hu
D874,626 S * 2/2020 Protet D23/356
D876,599 S * 2/2020 He D23/364
D877,873 S * 3/2020 Pan D23/364
D879,275 S * 3/2020 Mano D23/359
D886,269 S * 6/2020 Sakamoto D23/356
D888,920 S * 6/2020 Fujii D23/364
D888,921 S * 6/2020 Fujii D23/364
2019/0353362 A1 11/2019 Montagnino

* cited by examiner

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

Primary Examiner — David G Muller

(21) Appl. No.: **29/734,983**

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(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

D673,665 S * 1/2013 Langford D23/359
D729,919 S * 5/2015 Yeom D23/359

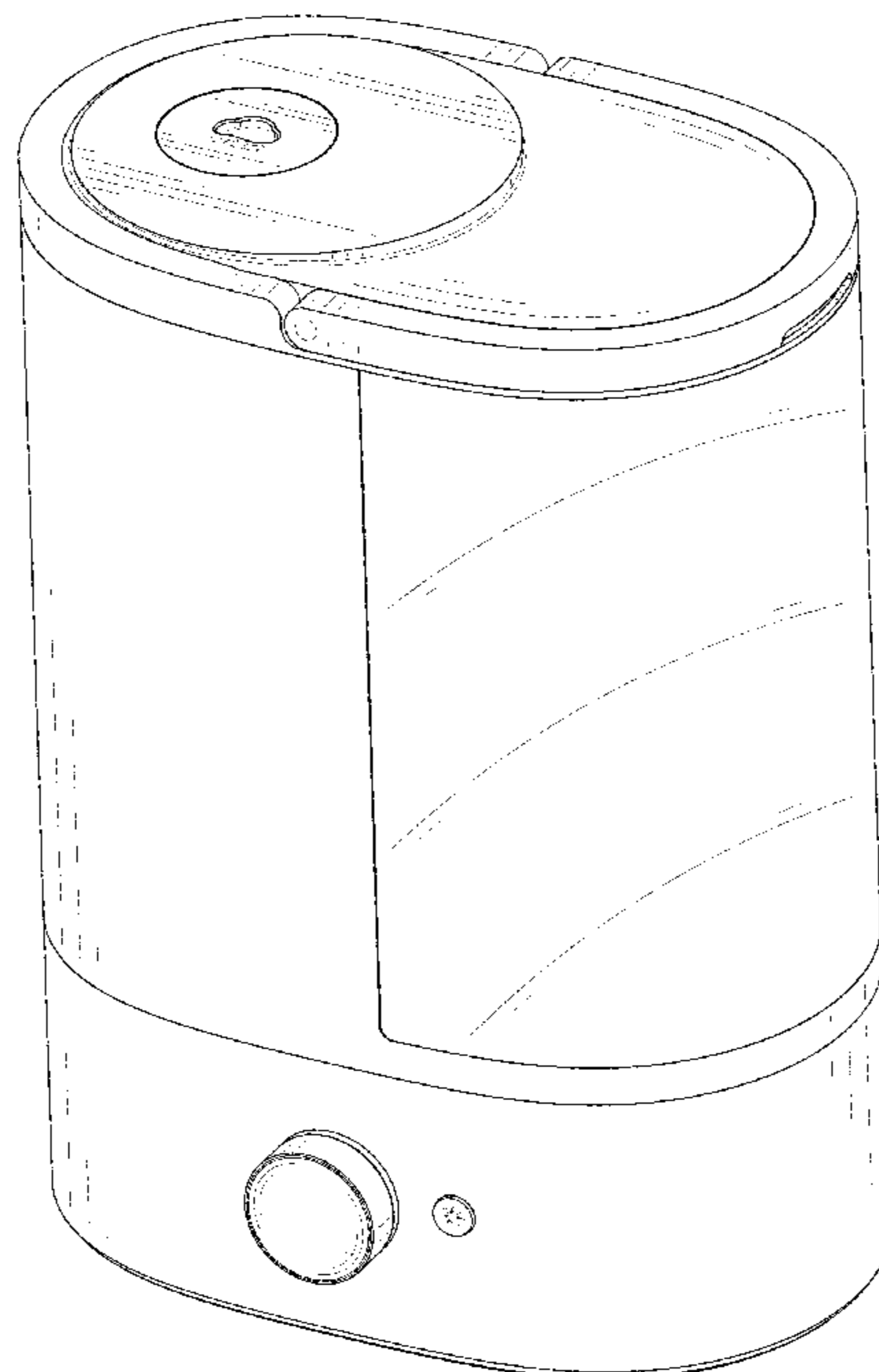
(57) **CLAIM**

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



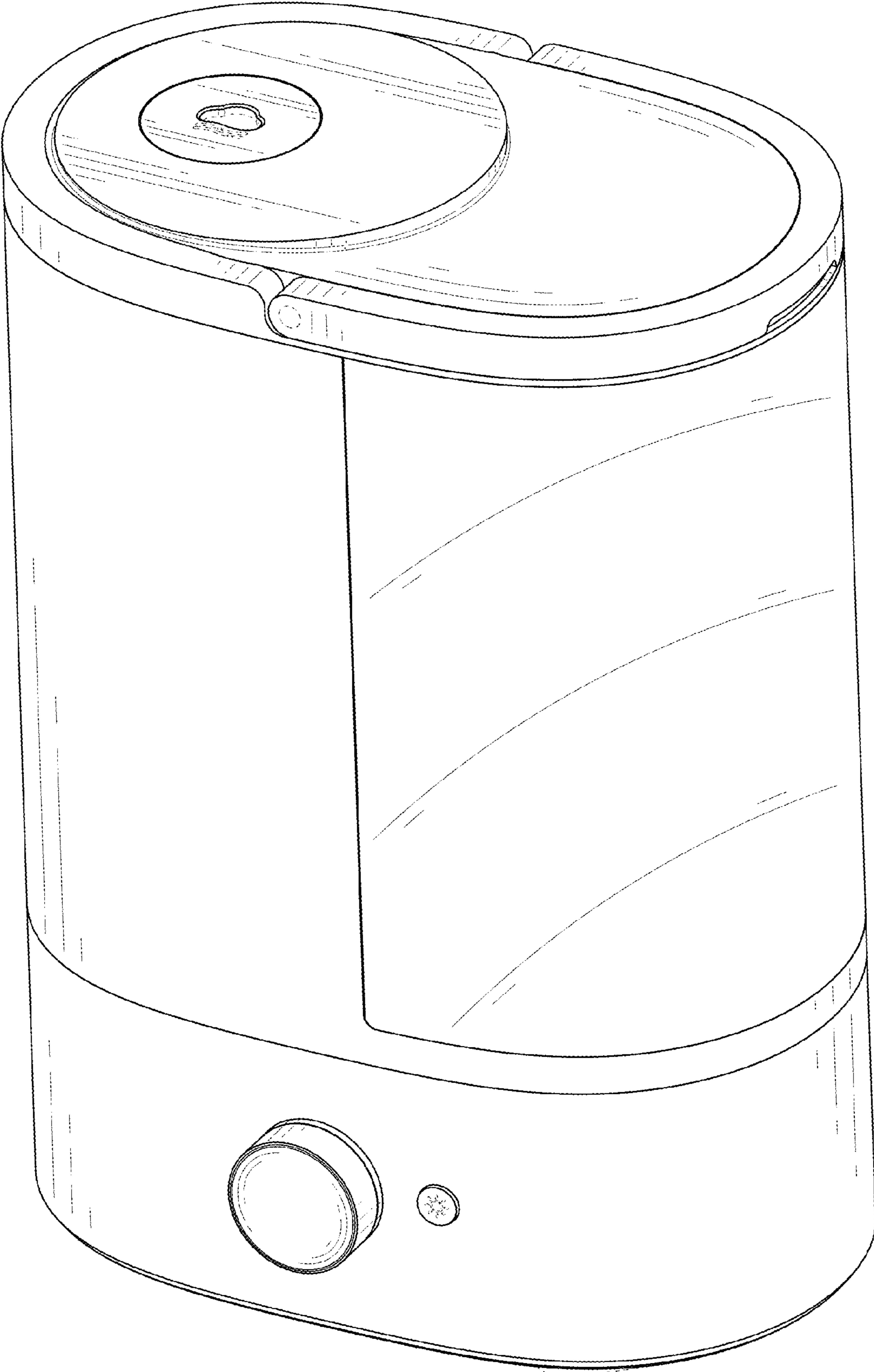


FIG. 1

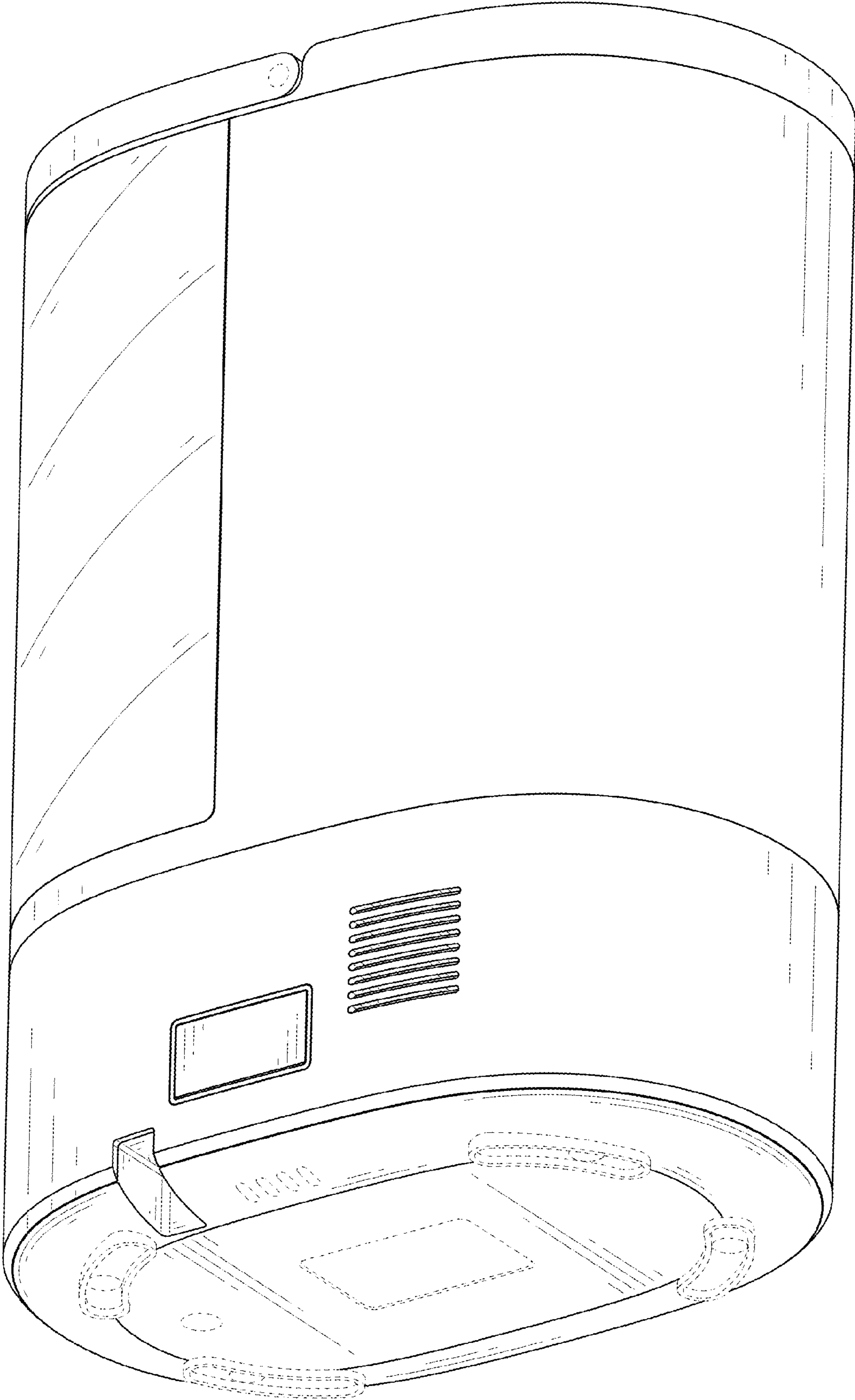


FIG. 2

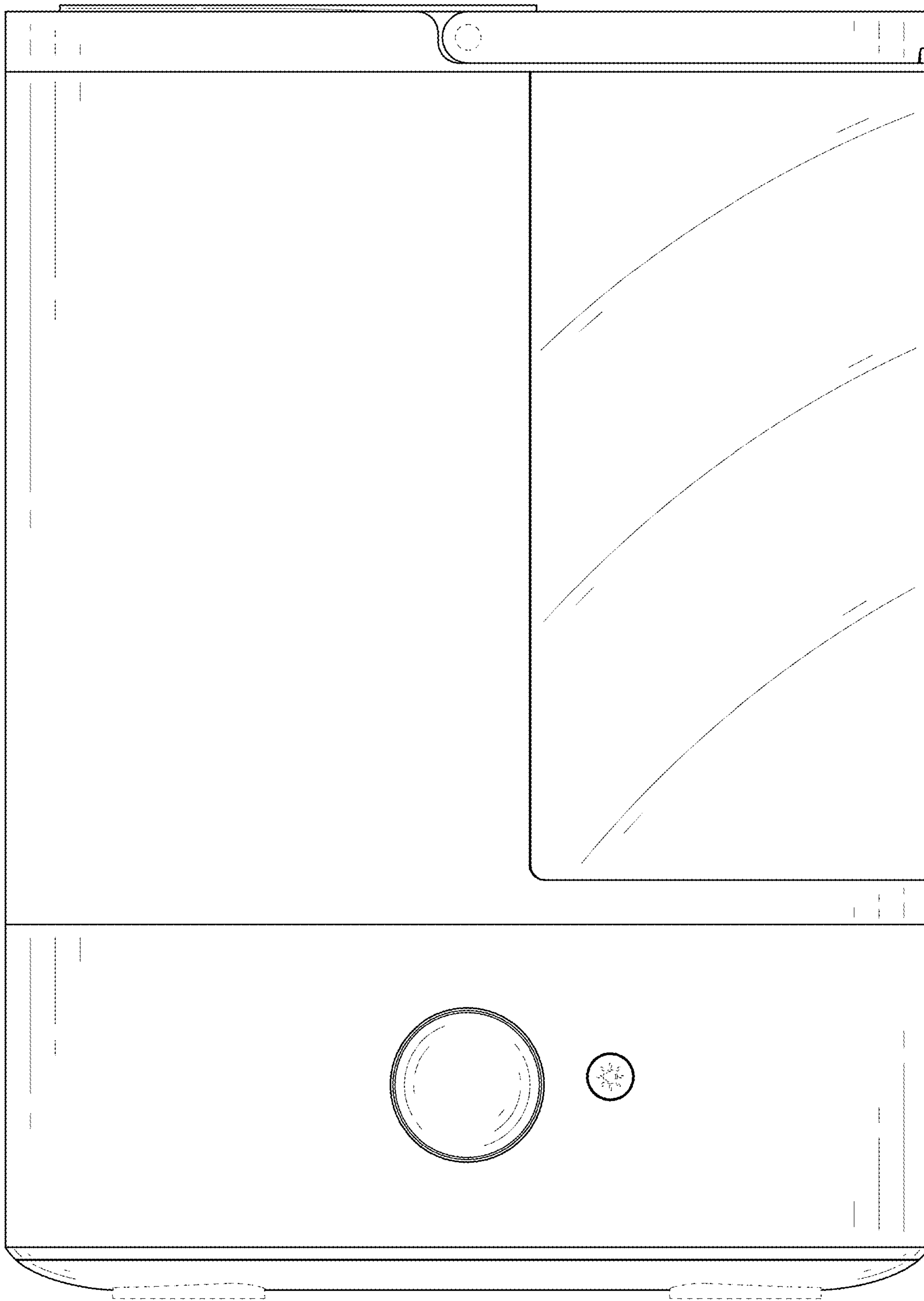


FIG. 3

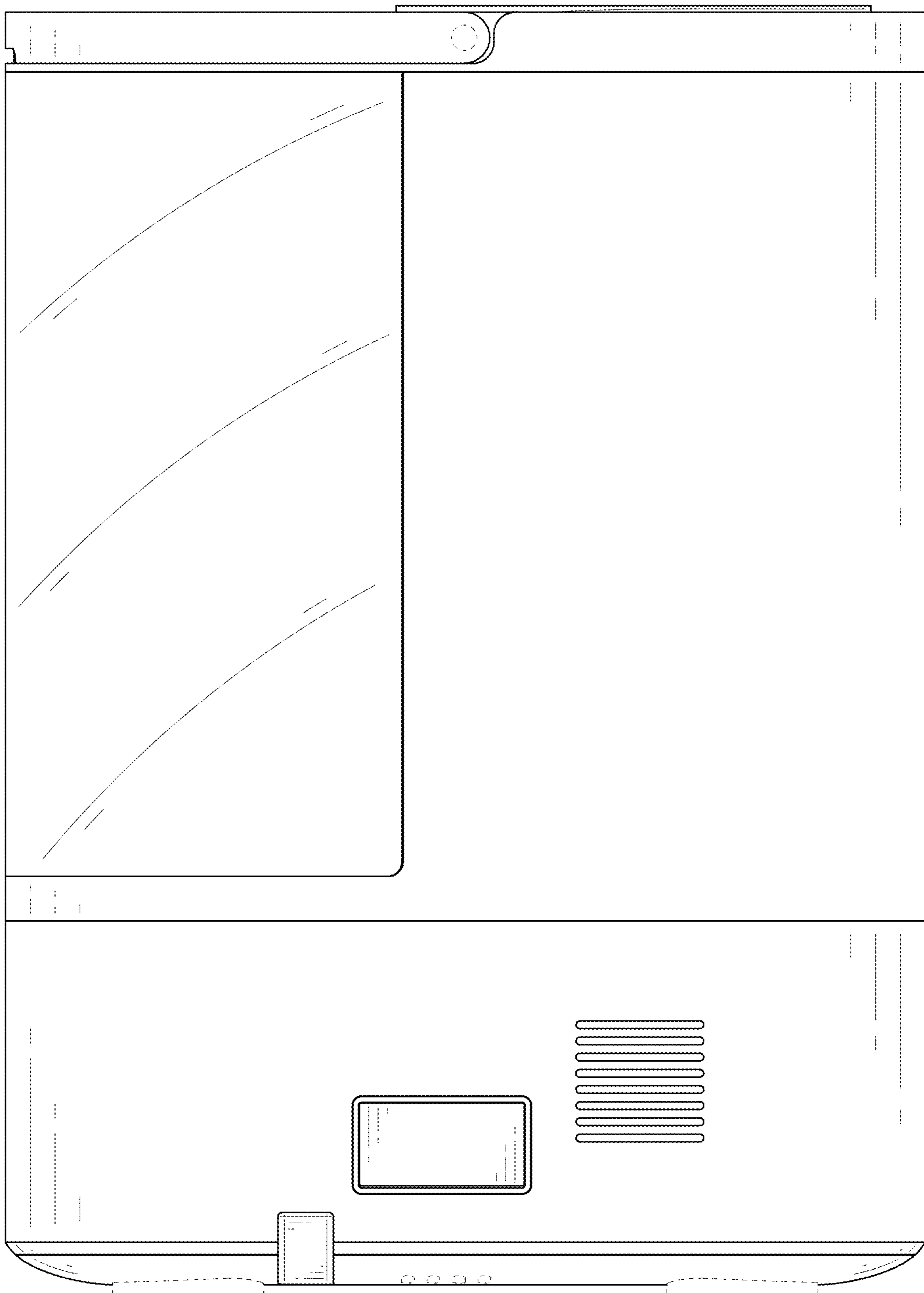


FIG. 4

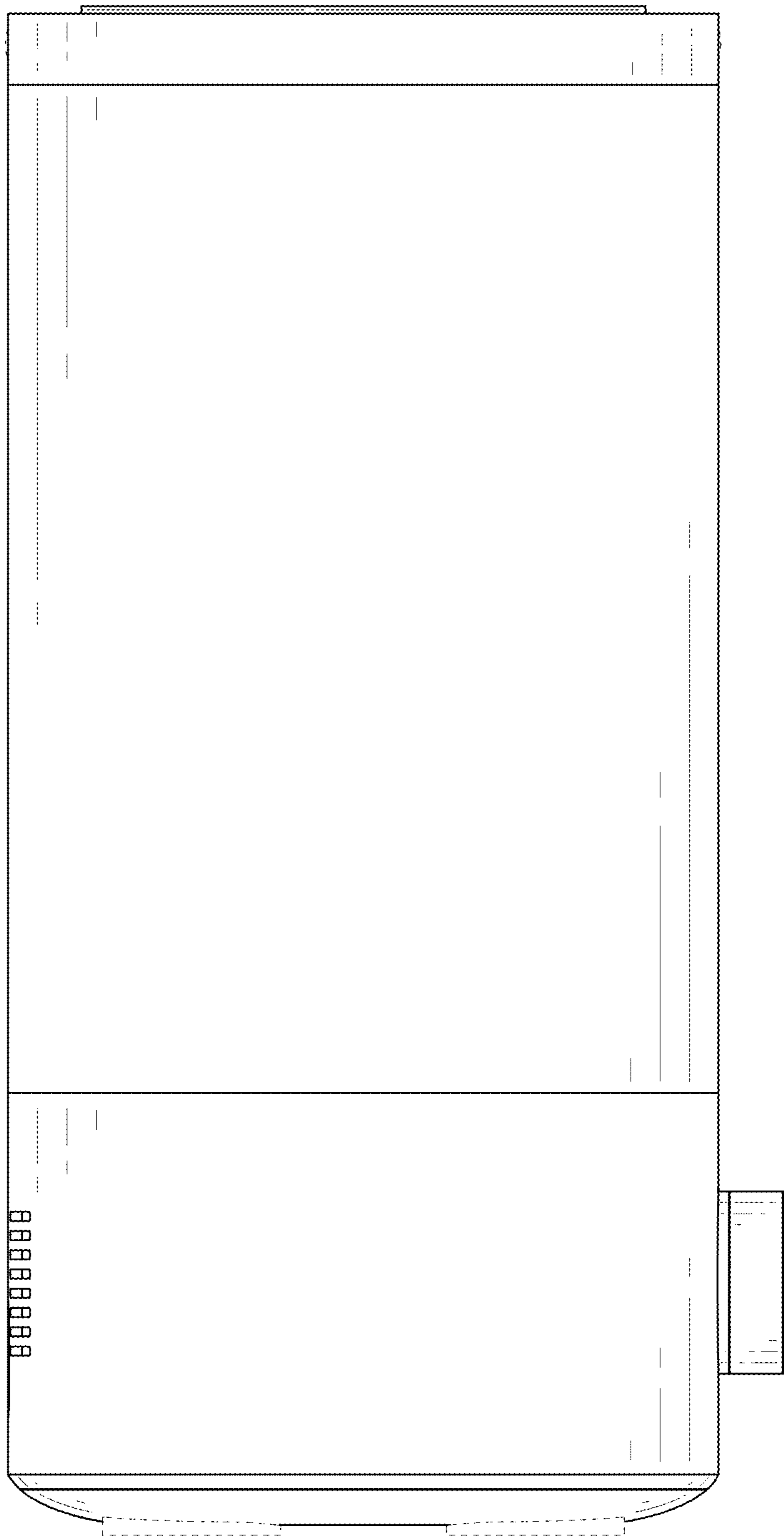


FIG. 5

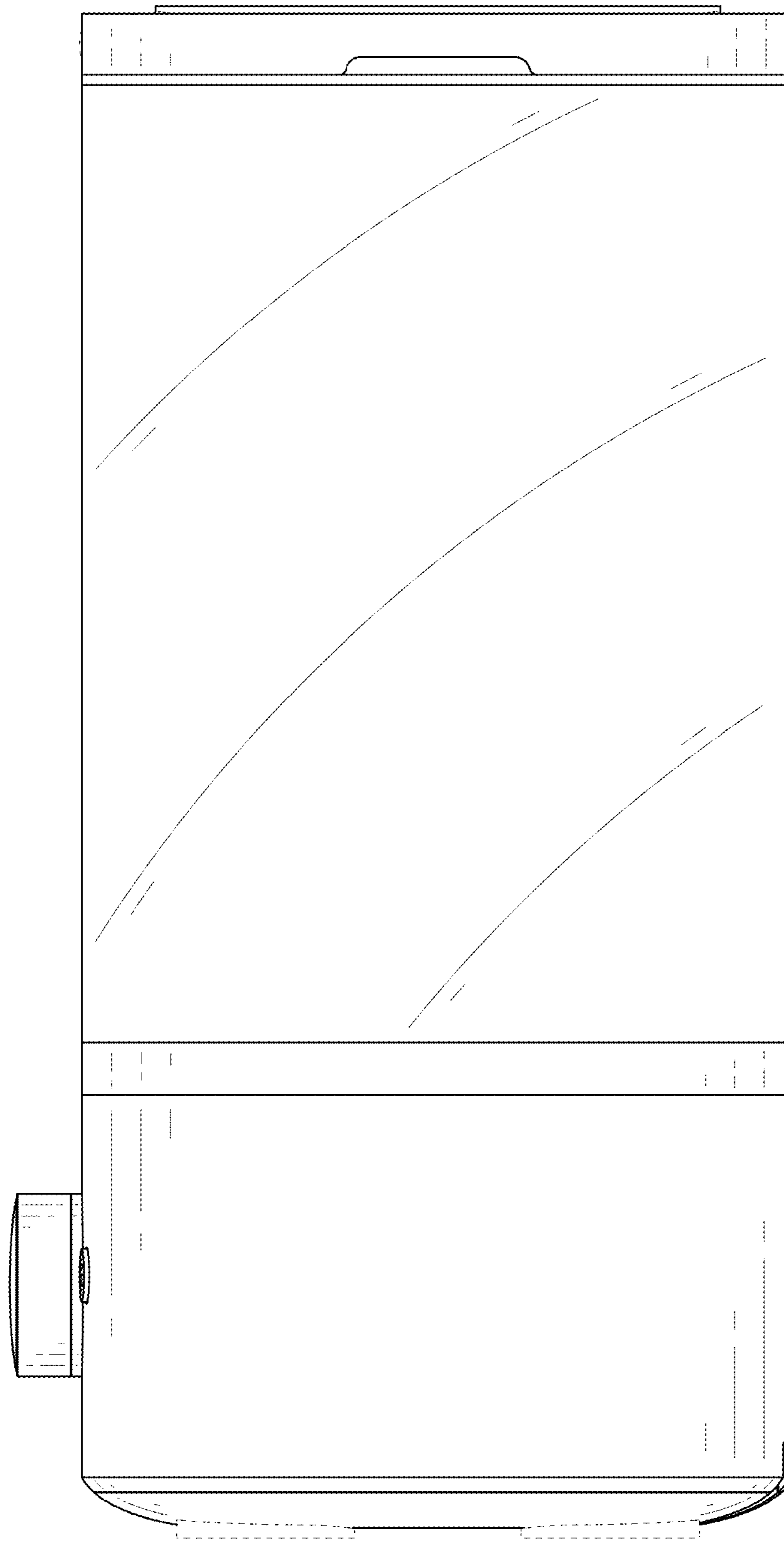


FIG. 6

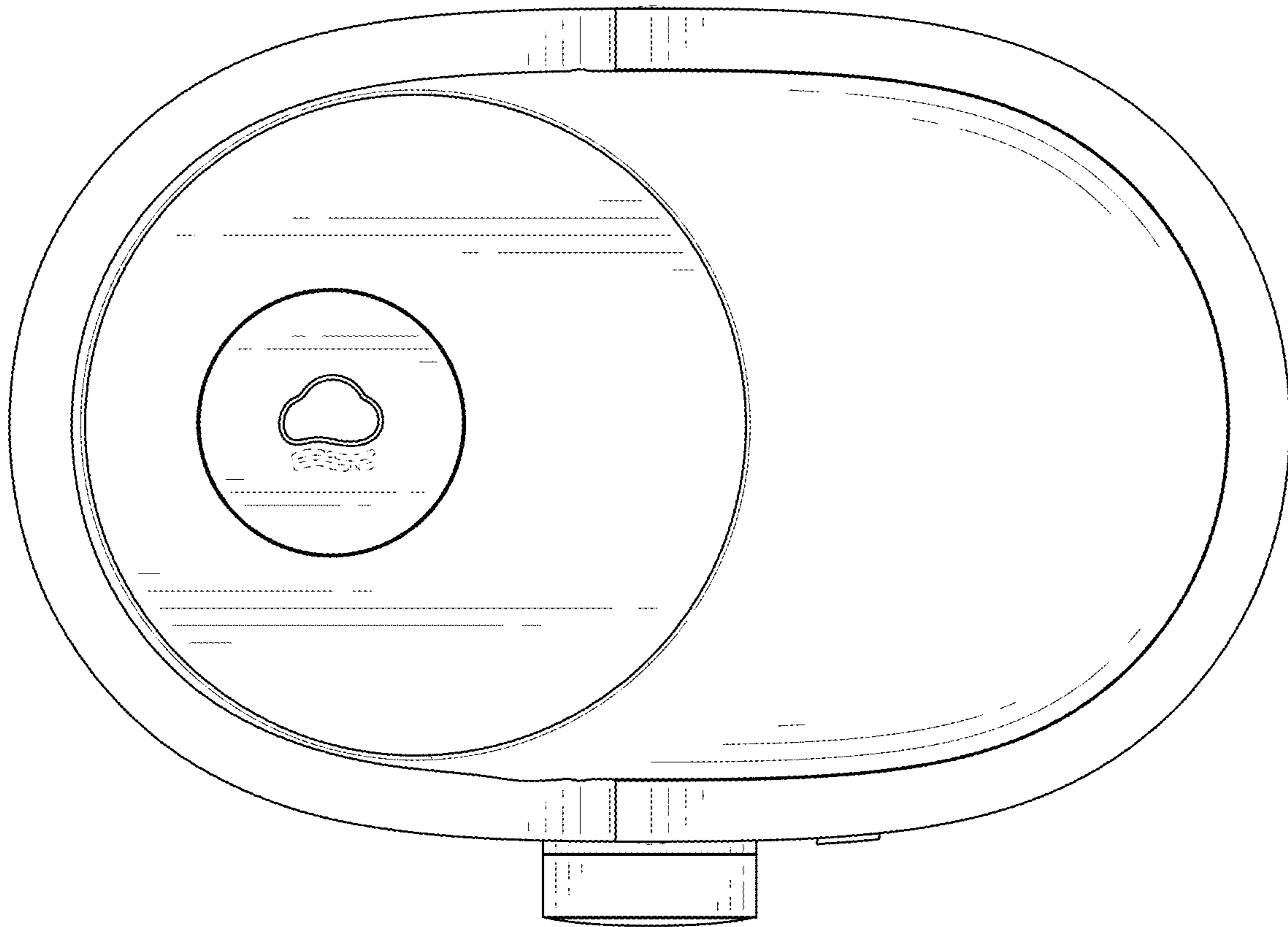


FIG. 7

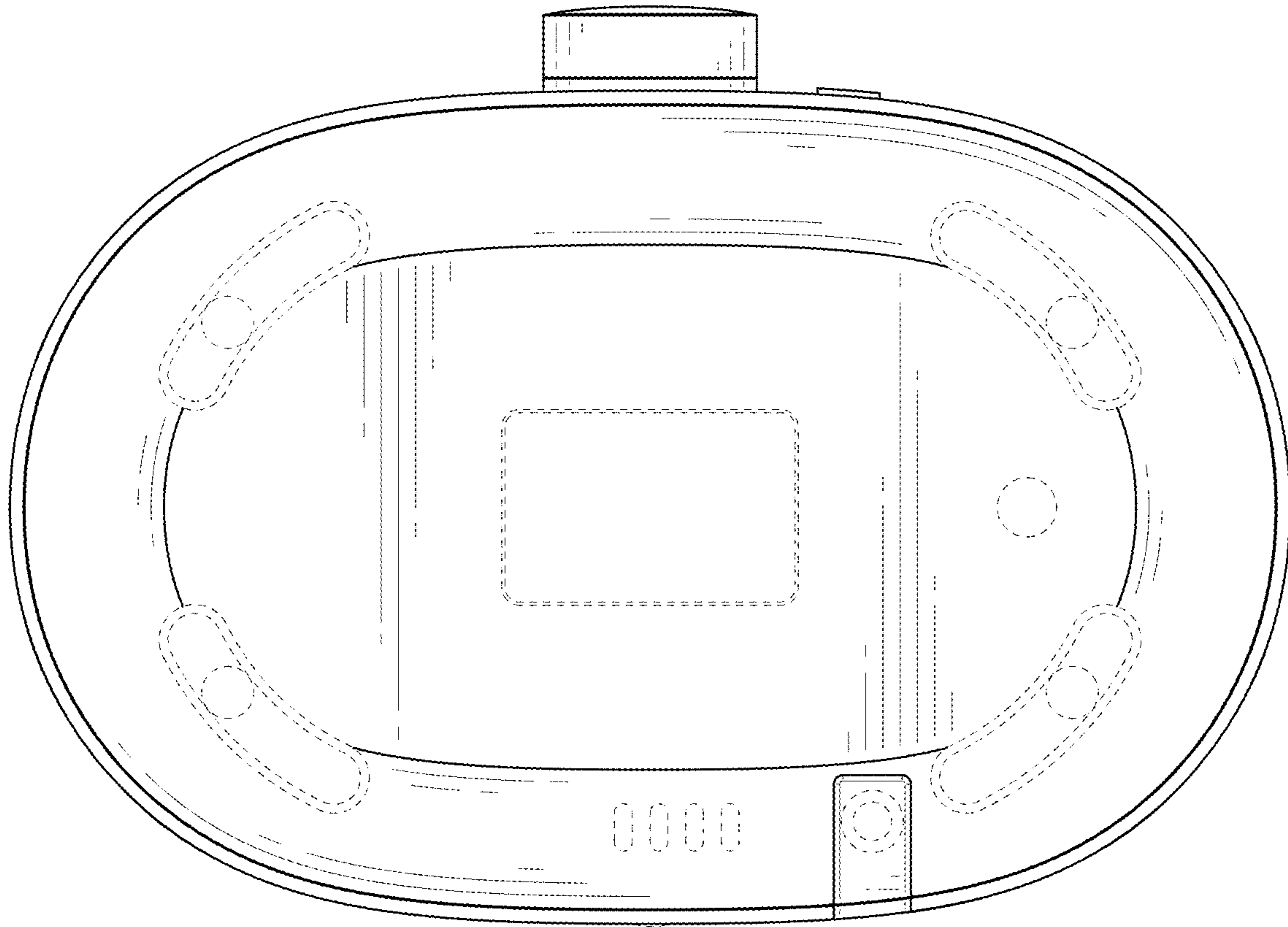


FIG. 8