



US00D935585S

(12) **United States Design Patent** (10) **Patent No.:** **US D935,585 S**  
**Tokoi** (45) **Date of Patent:** **\*\* Nov. 9, 2021**

(54) **HUMIDIFIER**  
(71) Applicant: **Iris Ohyama Inc.**, Sendai (JP)  
(72) Inventor: **Shohei Tokoi**, Kakuda (JP)  
(73) Assignee: **IRIS OHYAMA INC.**, Sendai (JP)  
(\*\*) Term: **15 Years**

D801,503 S \* 10/2017 Reed ..... D23/356  
D874,626 S \* 2/2020 Protet ..... D23/356  
D876,599 S \* 2/2020 He ..... D23/364  
D877,873 S \* 3/2020 Pan ..... D23/364  
D879,273 S \* 3/2020 Shih ..... D23/356  
D886,269 S \* 6/2020 Sakamoto ..... D23/356  
D888,921 S \* 6/2020 Fujii ..... D23/364  
D888,924 S \* 6/2020 Gobber ..... D23/366

(21) Appl. No.: **29/708,742**  
(22) Filed: **Oct. 9, 2019**  
(30) **Foreign Application Priority Data**

Apr. 22, 2019 (JP) ..... 2019-008945  
(51) **LOC (13) 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  
D448,461 S \* 9/2001 Toro ..... D23/335  
D449,099 S \* 10/2001 Juhlin ..... D23/355  
6,874,771 B2 \* 4/2005 Birdsell ..... F24F 6/10  
261/131  
D518,563 S \* 4/2006 Blateri ..... D23/335  
D729,919 S \* 5/2015 Yeom ..... D23/359

**OTHER PUBLICATIONS**

Iris Ohyama Inc., website publication, (Japan Patent Office Design Patent Department, publicly known reference No. HJ28034447).  
An Office Action mailed by the Japanese Patent Office dated Oct. 15, 2019, which corresponds to Japanese Design Application No. 2019-008945 and is related to Design U.S. Appl. No. 29/708,742; with partial English translation.

\* cited by examiner

*Primary Examiner* — David G Muller  
(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(57) **CLAIM**

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

**DESCRIPTION**

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

**1 Claim, 8 Drawing Sheets**

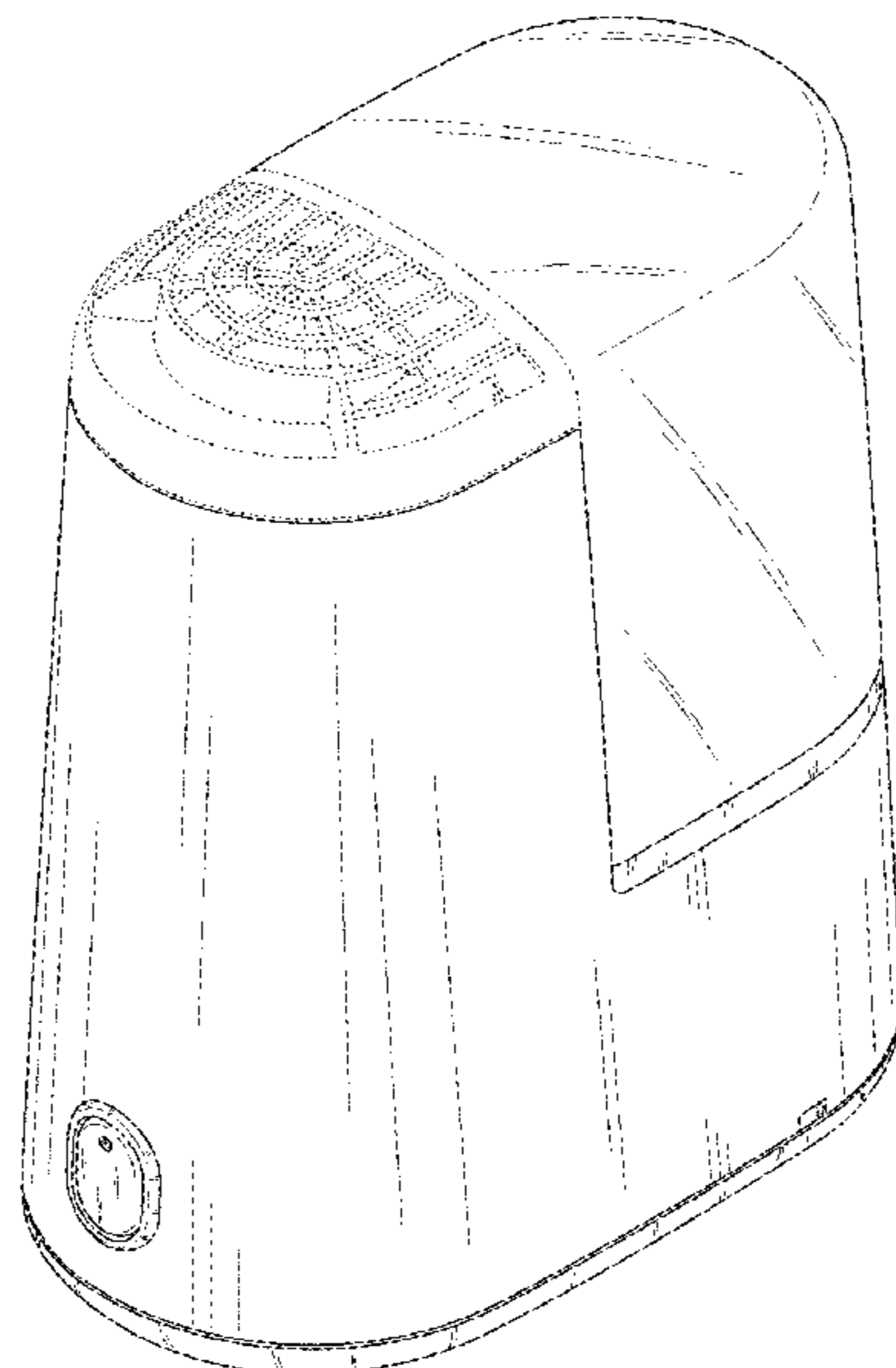


FIG.1

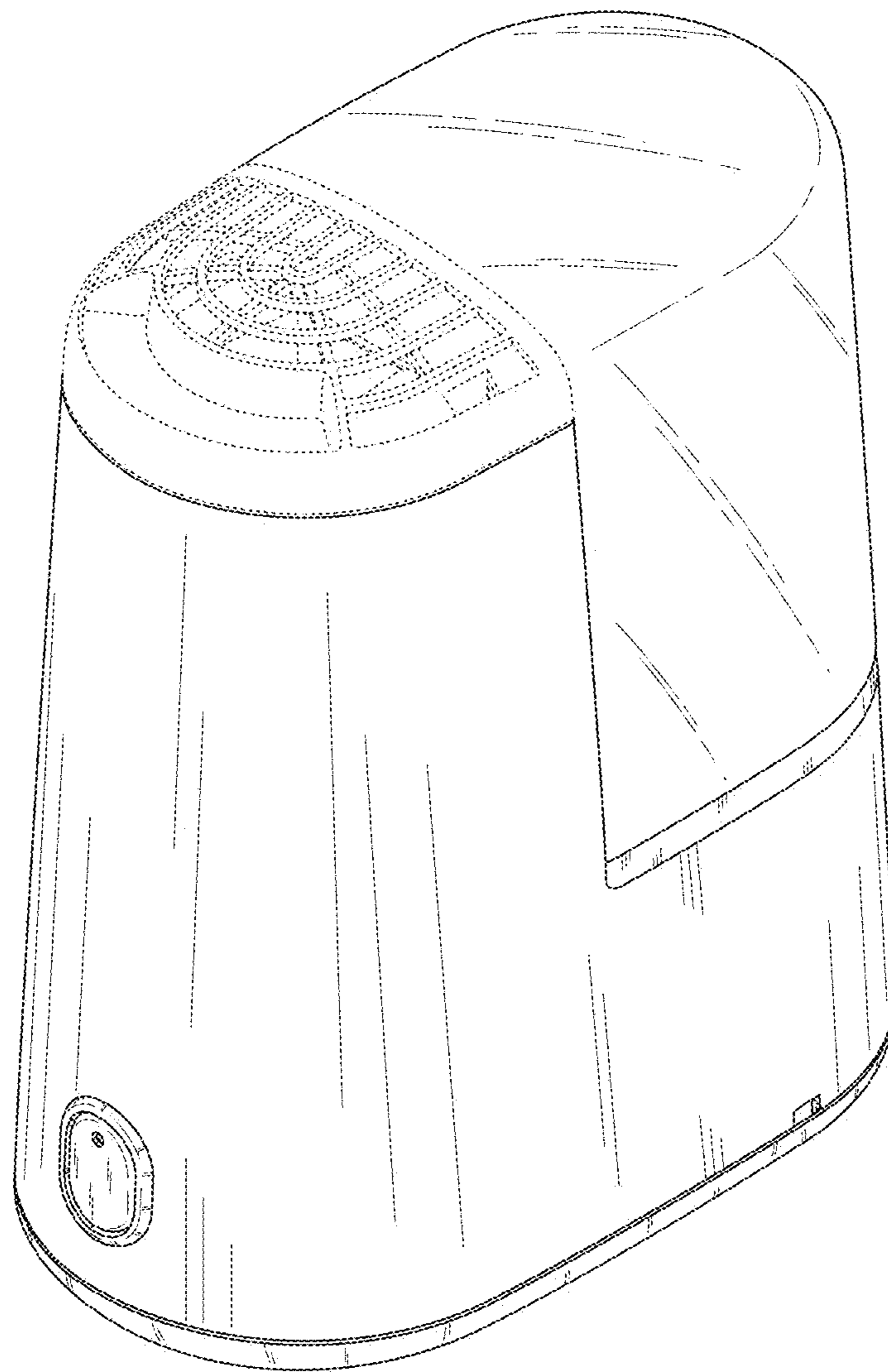


FIG.2

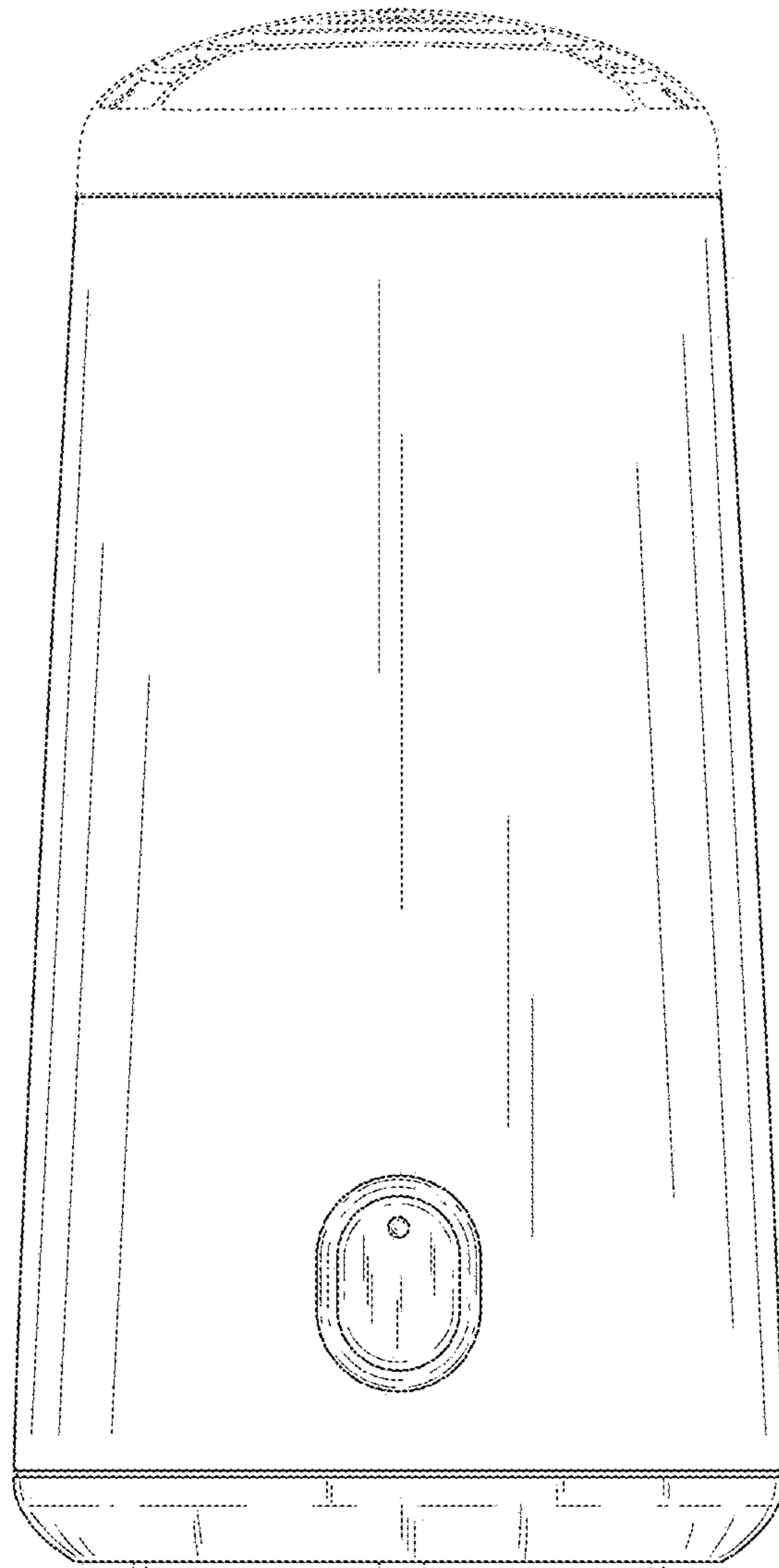


FIG.3

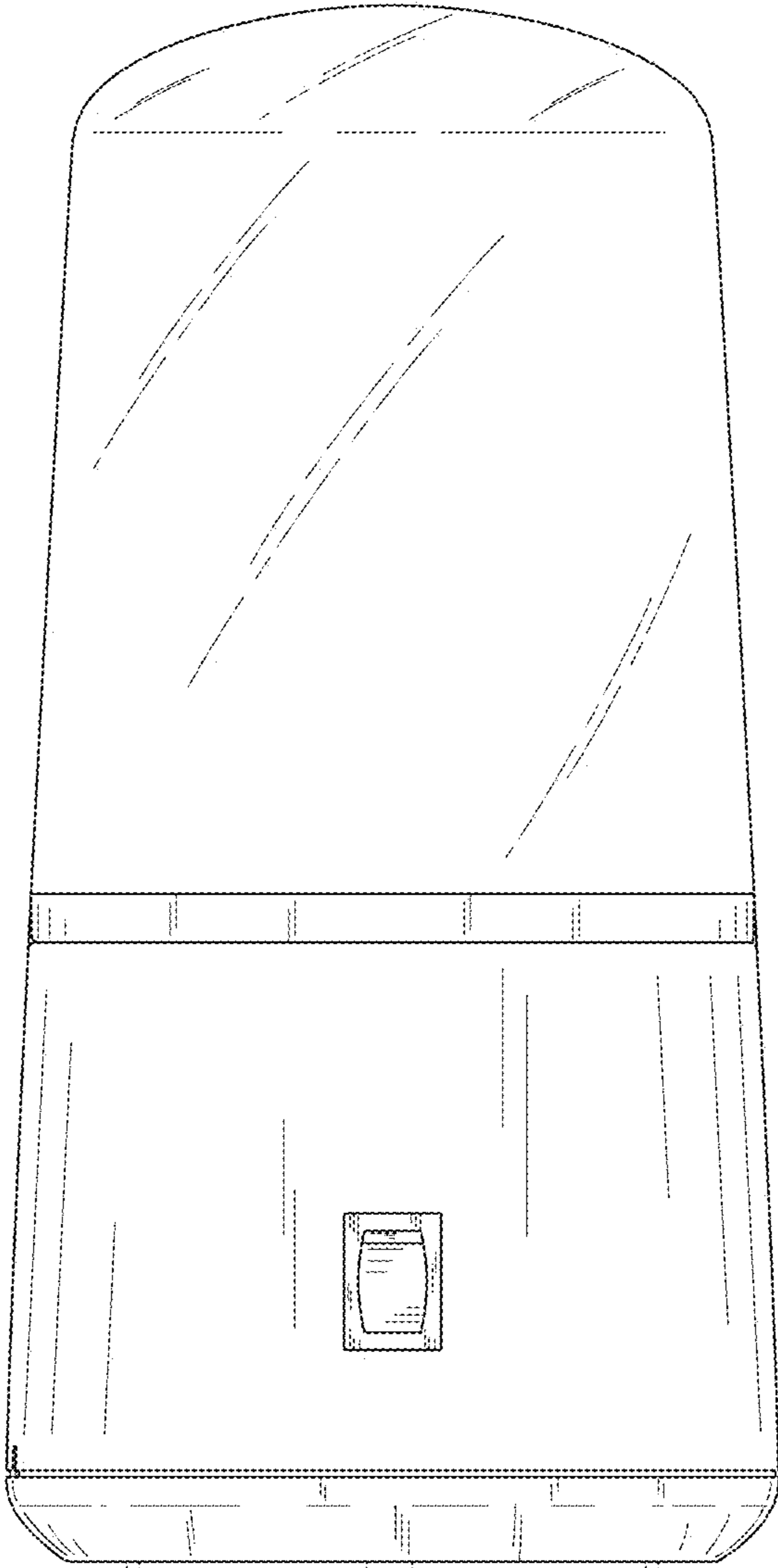


FIG.4

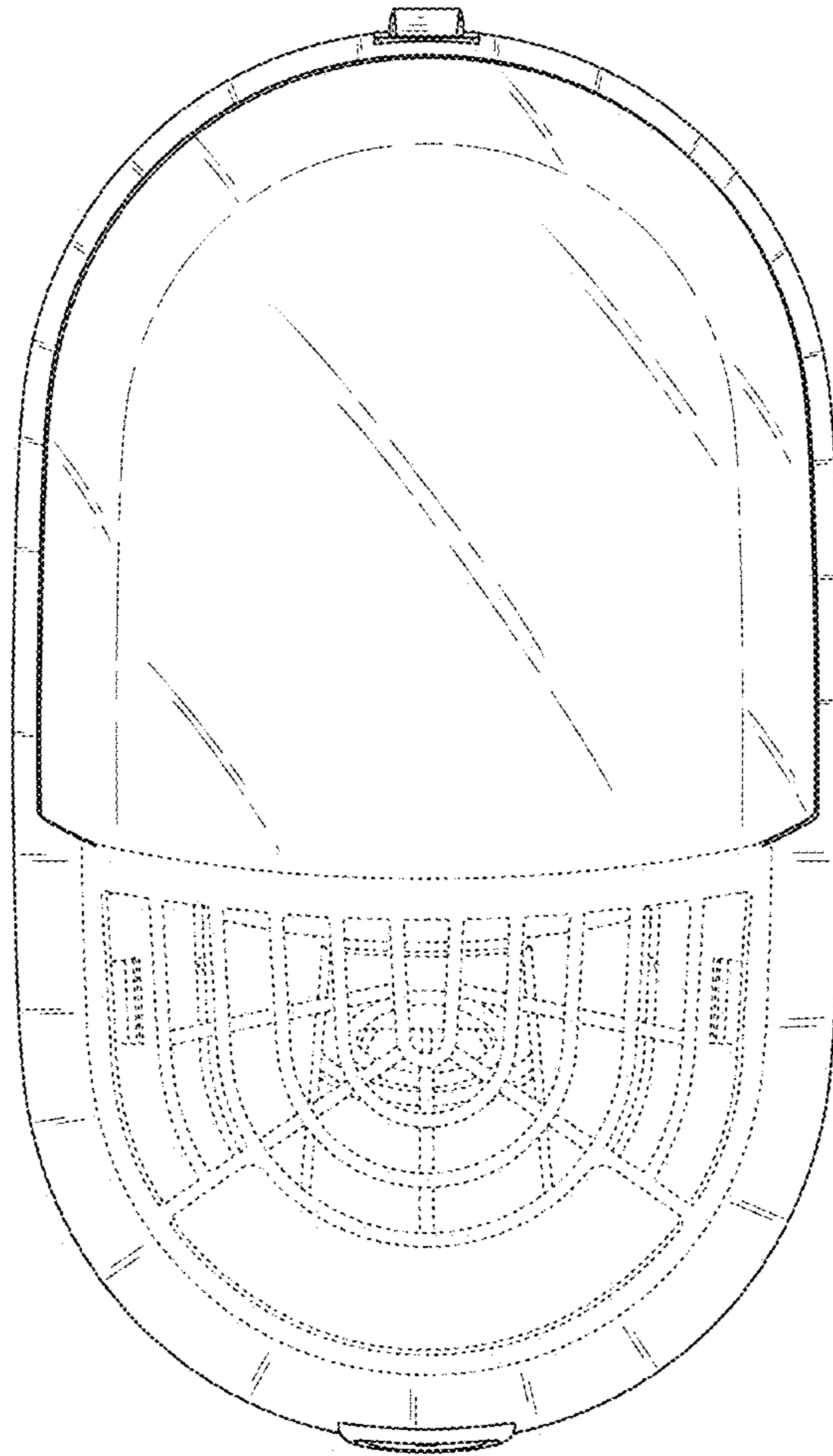


FIG.5

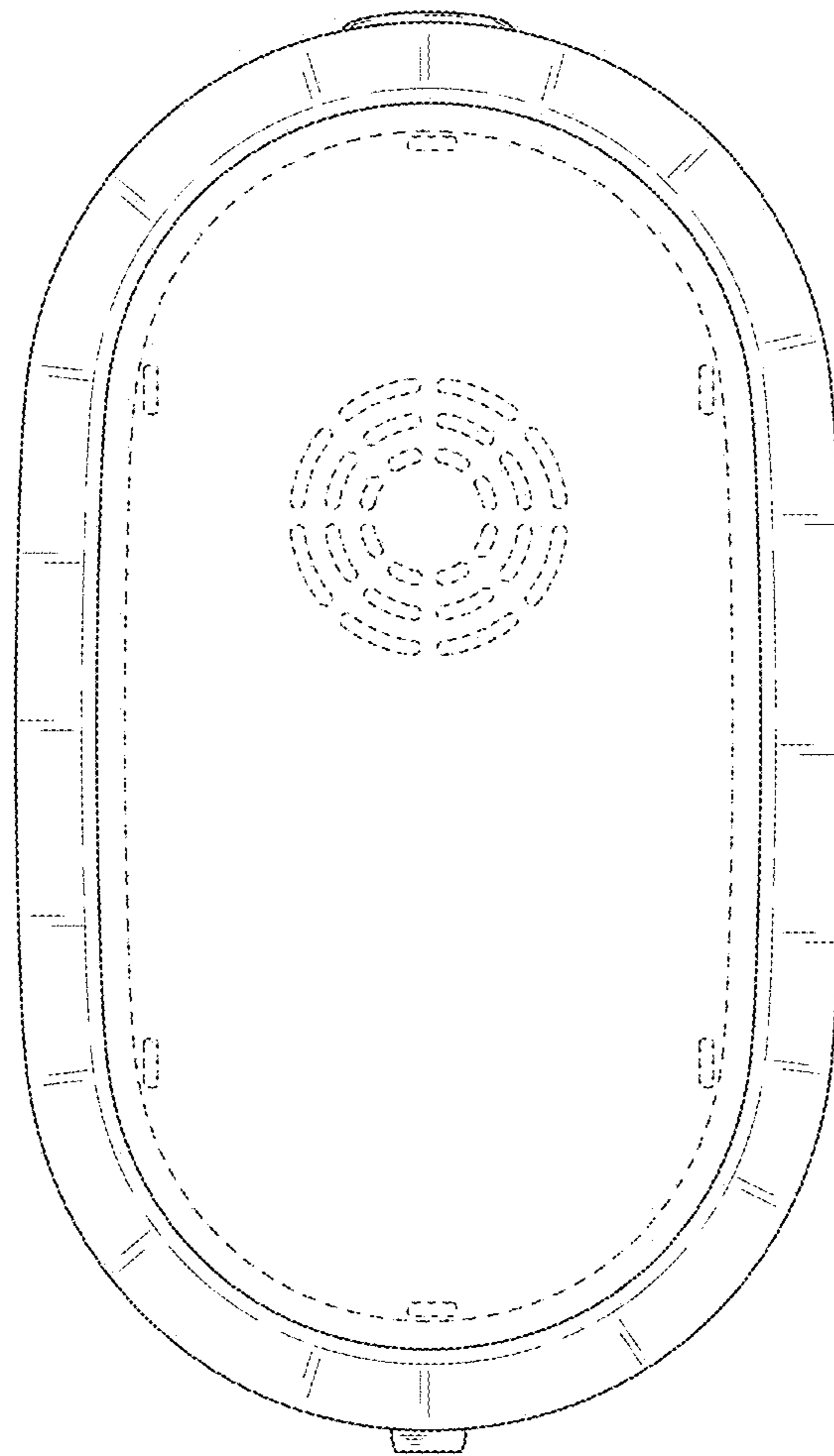


FIG.6

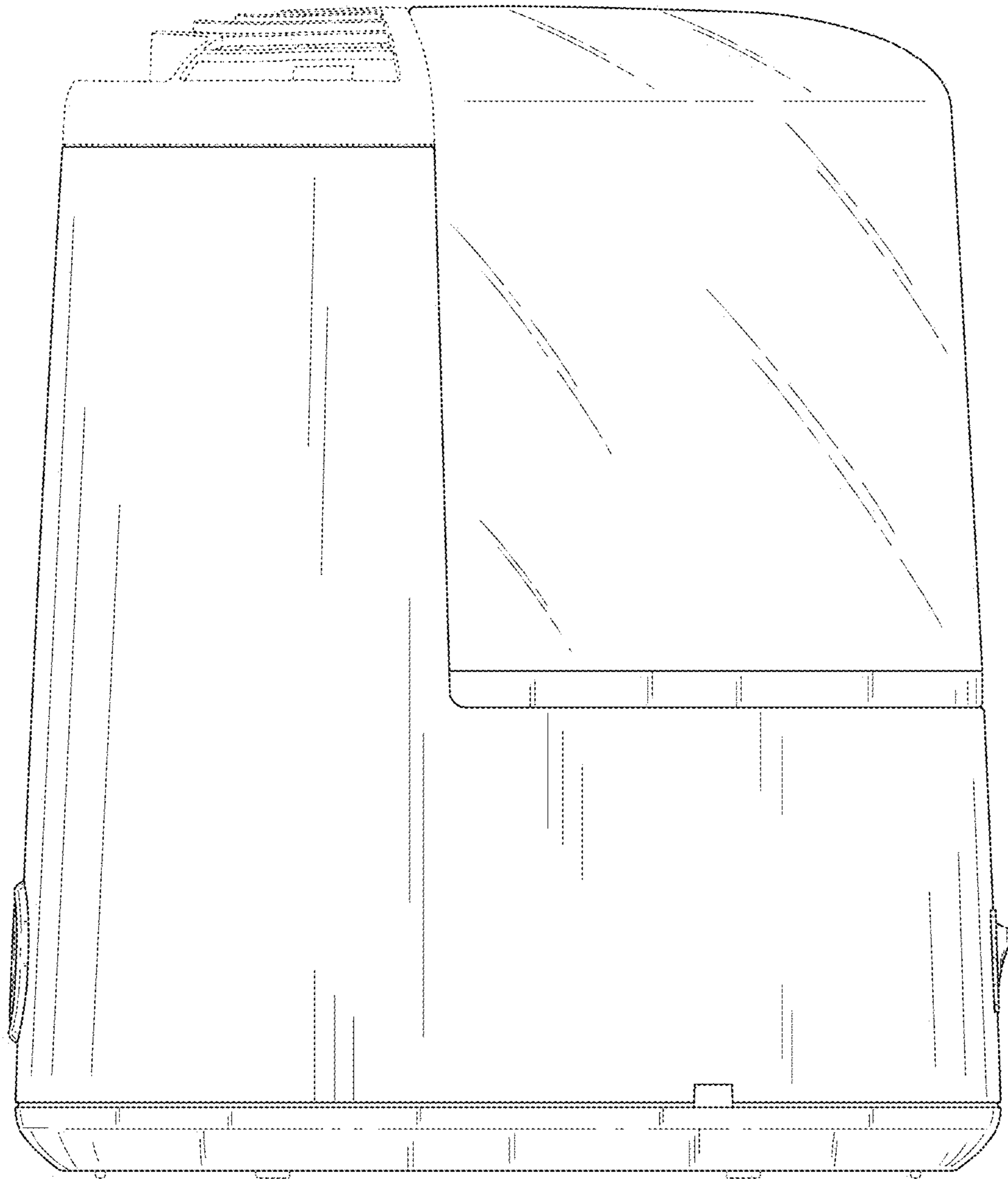


FIG.7

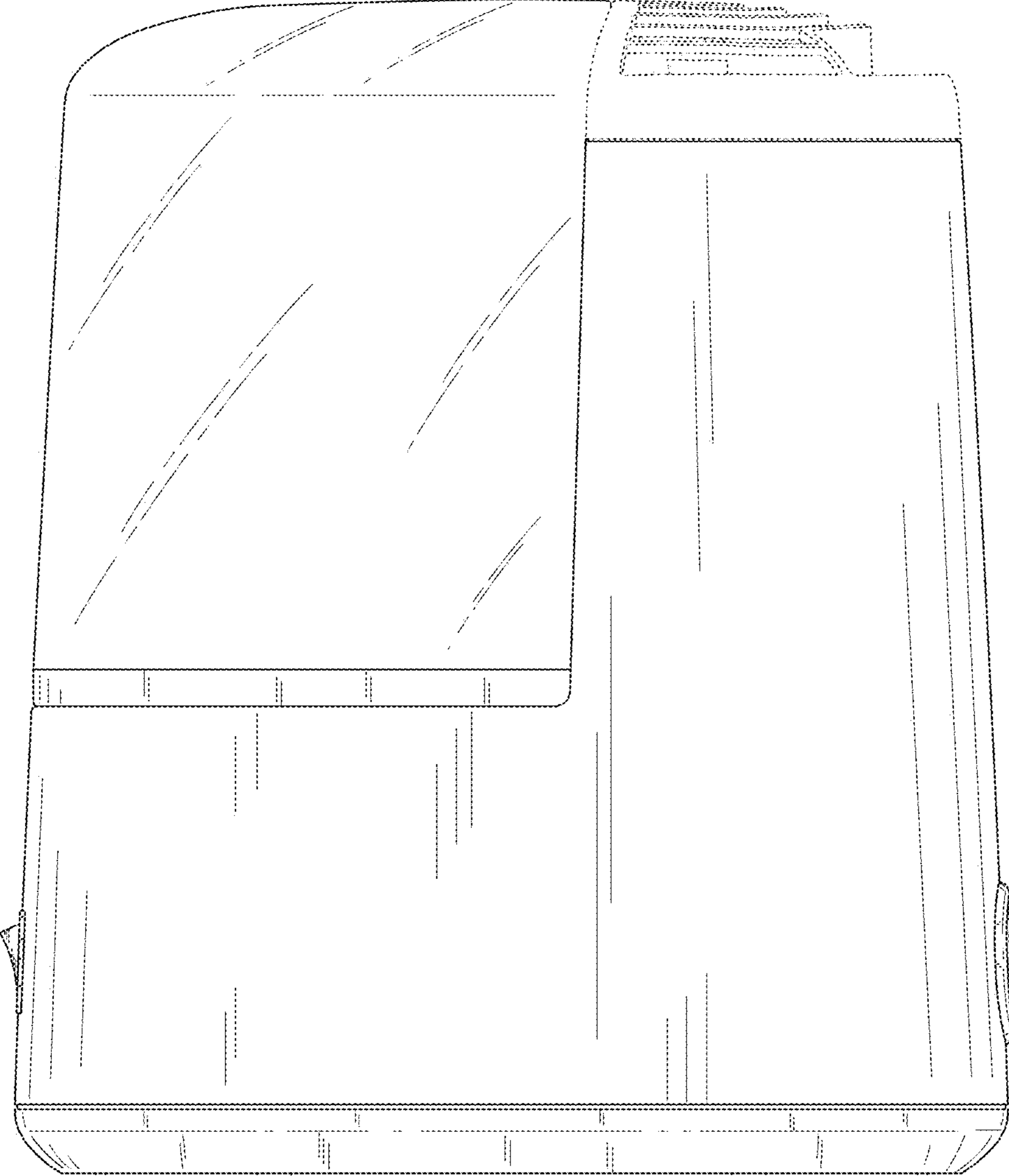




FIG.8

