



US00D979025S

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

(10) **Patent No.:** **US D979,025 S**

(45) **Date of Patent:** **\*\* Feb. 21, 2023**

(54) **HUMIDIFIER**

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(73) Assignee: **Shenzhen Aspron Technology Company Limited**, Shenzhen (CN)

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

(21) Appl. No.: **29/778,972**

(22) Filed: **Apr. 15, 2021**

(30) **Foreign Application Priority Data**

Mar. 2, 2021 (CN) ..... 202130113222.5

(51) **LOC (14) 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  
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  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D374,480 S \* 10/1996 Micoley ..... D23/358  
D376,419 S \* 12/1996 Seaman ..... D23/358  
D393,703 S \* 4/1998 Gilbertson ..... D23/355

D402,744 S \* 12/1998 Zuege ..... D23/358  
D408,511 S \* 4/1999 Allen ..... D23/358  
D419,658 S \* 1/2000 Matchett ..... D23/358  
D425,975 S \* 5/2000 Wolfe ..... D23/358  
D595,827 S \* 7/2009 Satou ..... D23/364  
D886,269 S \* 6/2020 Sakamoto ..... D23/356  
D899,571 S \* 10/2020 Li ..... D23/359  
D948,017 S \* 4/2022 Chen ..... D23/364

\* cited by examiner

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of a humidifier showing my design.

FIG. 2 is a front elevation view of a humidifier in FIG. 1.

FIG. 3 is a rear elevation view of a humidifier in FIG. 1.

FIG. 4 is a left side elevation view of a humidifier in FIG. 1.

FIG. 5 is a right side elevation view of a humidifier in FIG. 1.

FIG. 6 is a top plan view of a humidifier in FIG. 1.

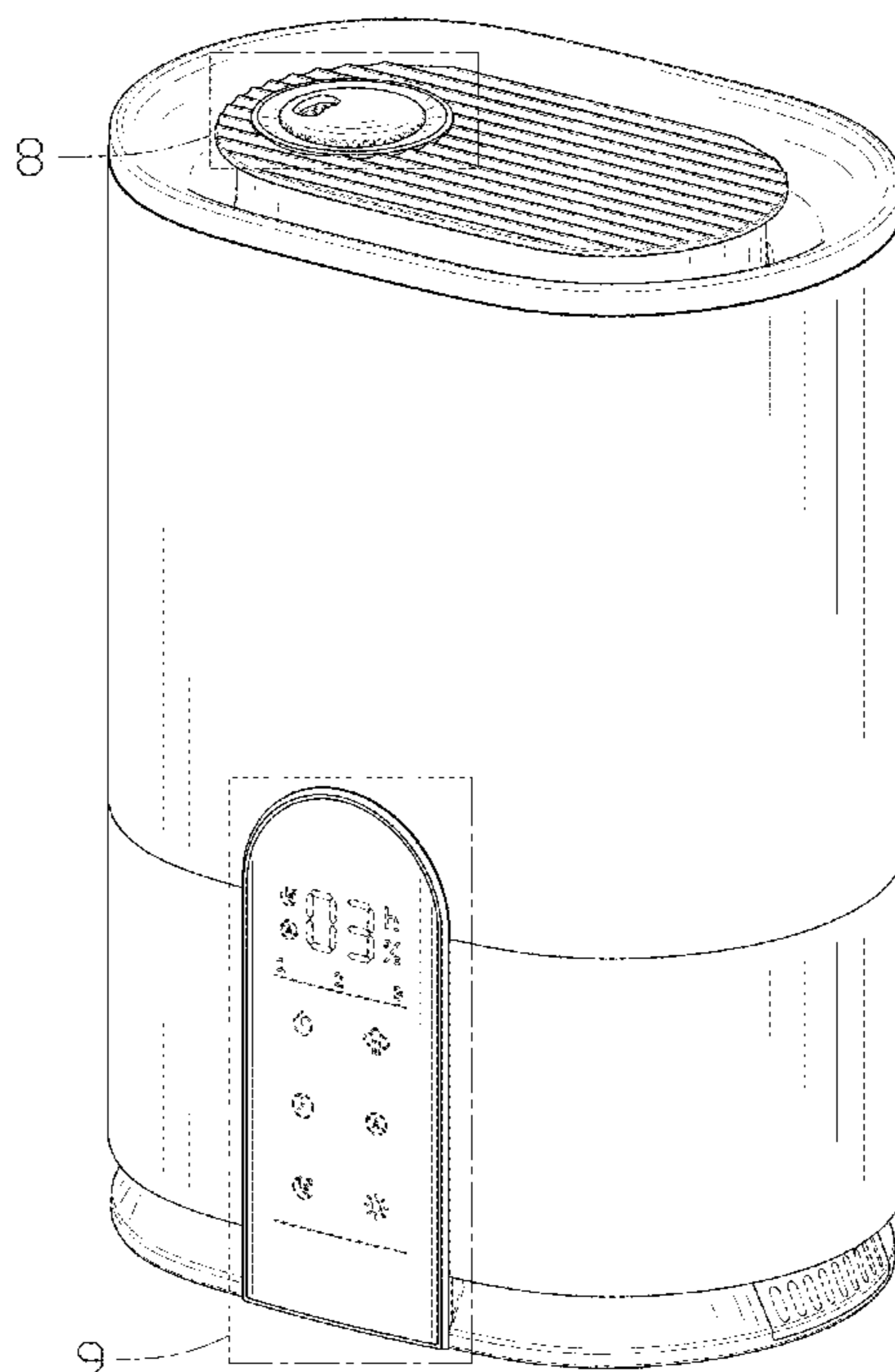
FIG. 7 is a bottom plan view of a humidifier in FIG. 1.

FIG. 8 is an enlarged view of a portion of the humidifier labeled 8 in FIG. 1; and,

FIG. 9 is an enlarged view of a portion of the humidifier labeled 9 in FIG. 1.

The broken lines in the drawings are employed to show unclaimed portions of the humidifier, and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



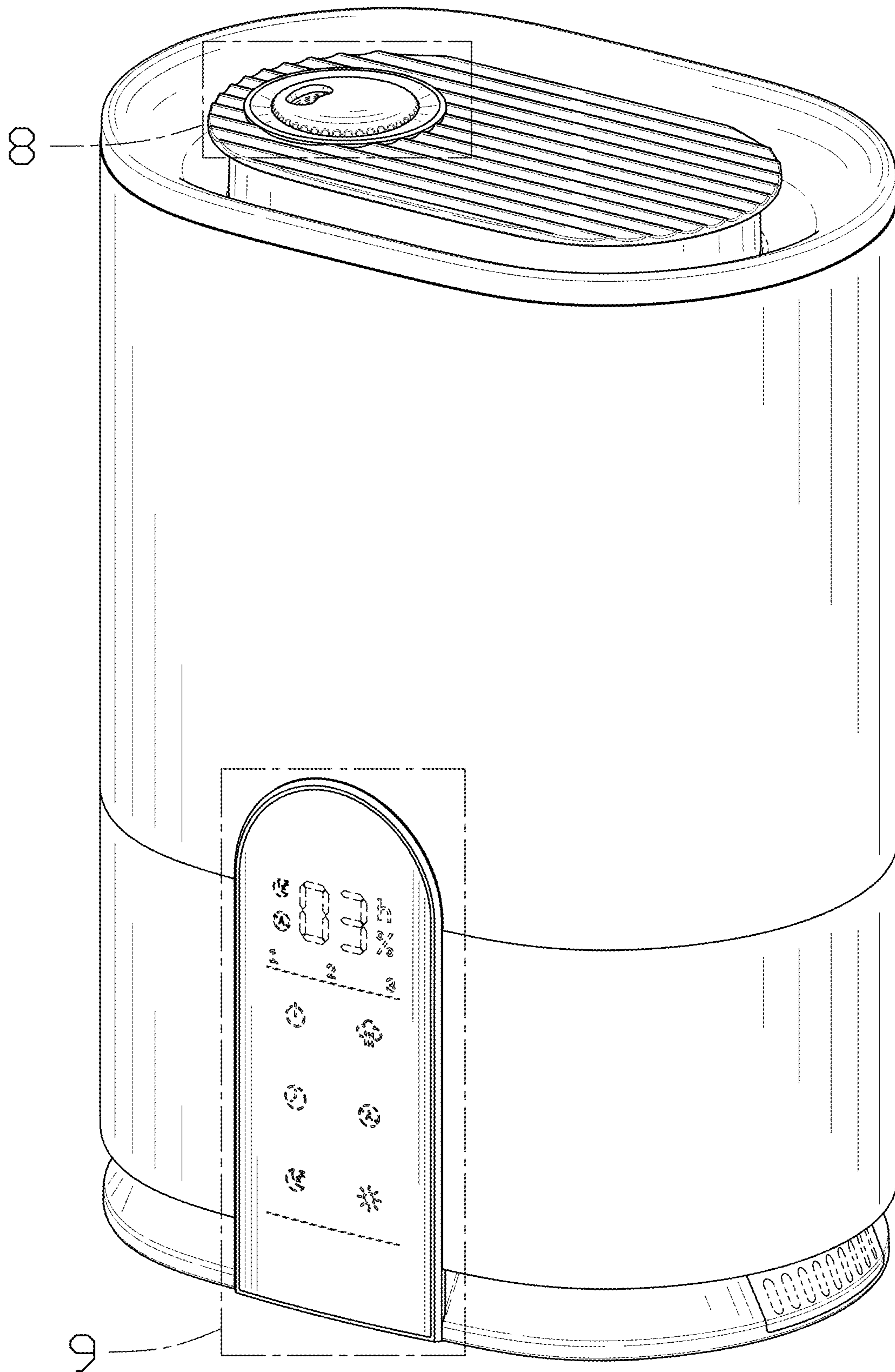


FIG. 1

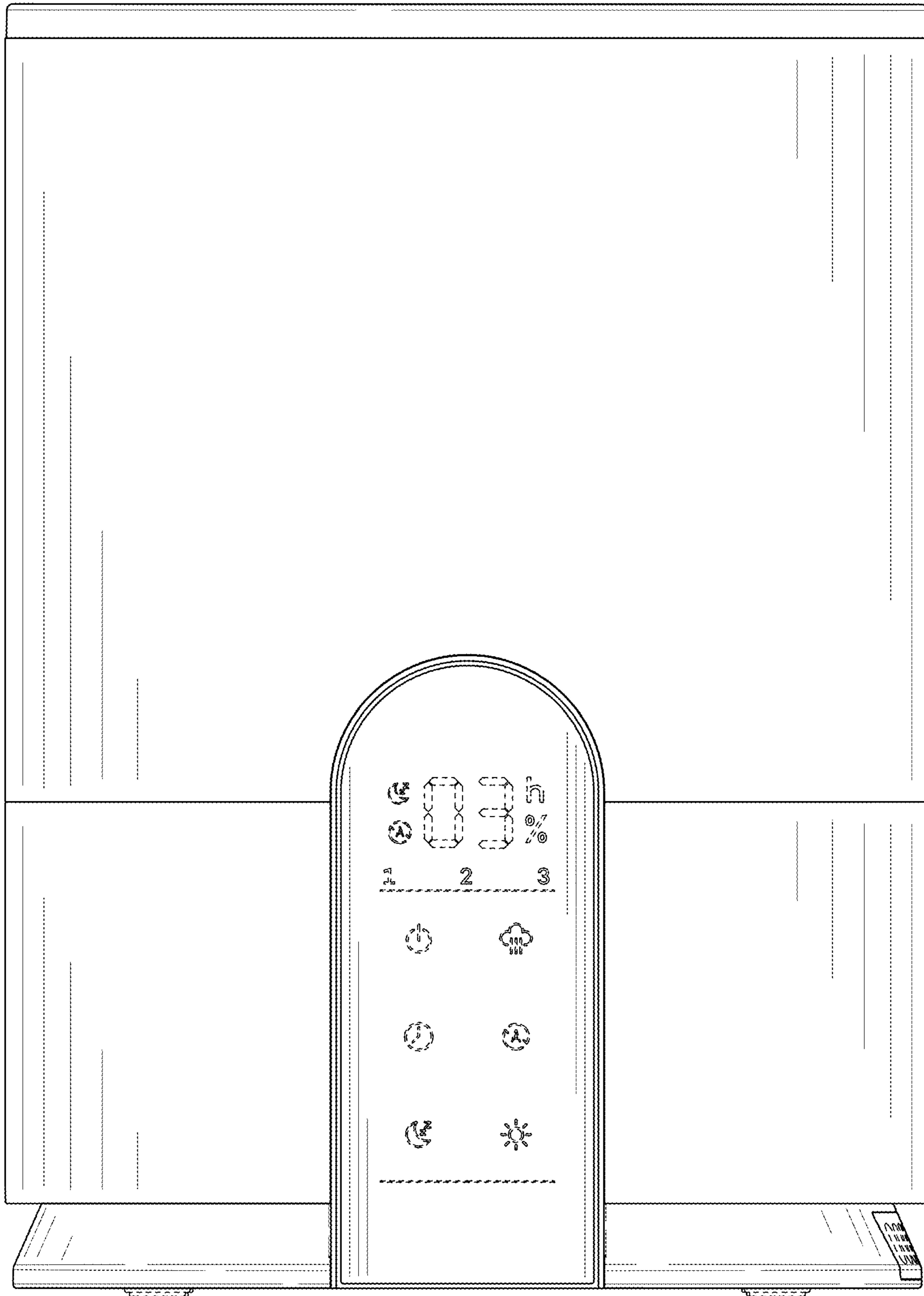


FIG. 2

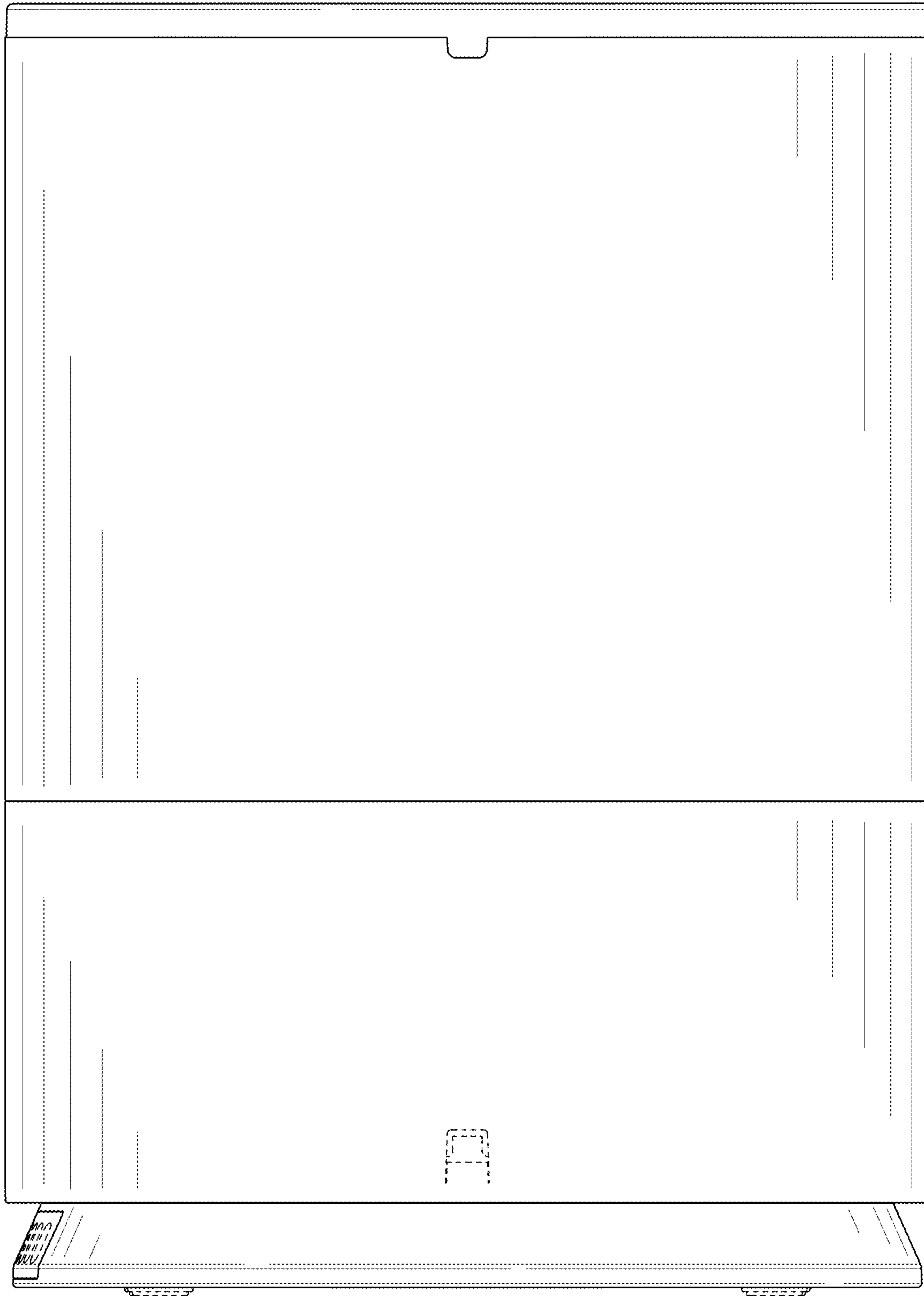


FIG. 3

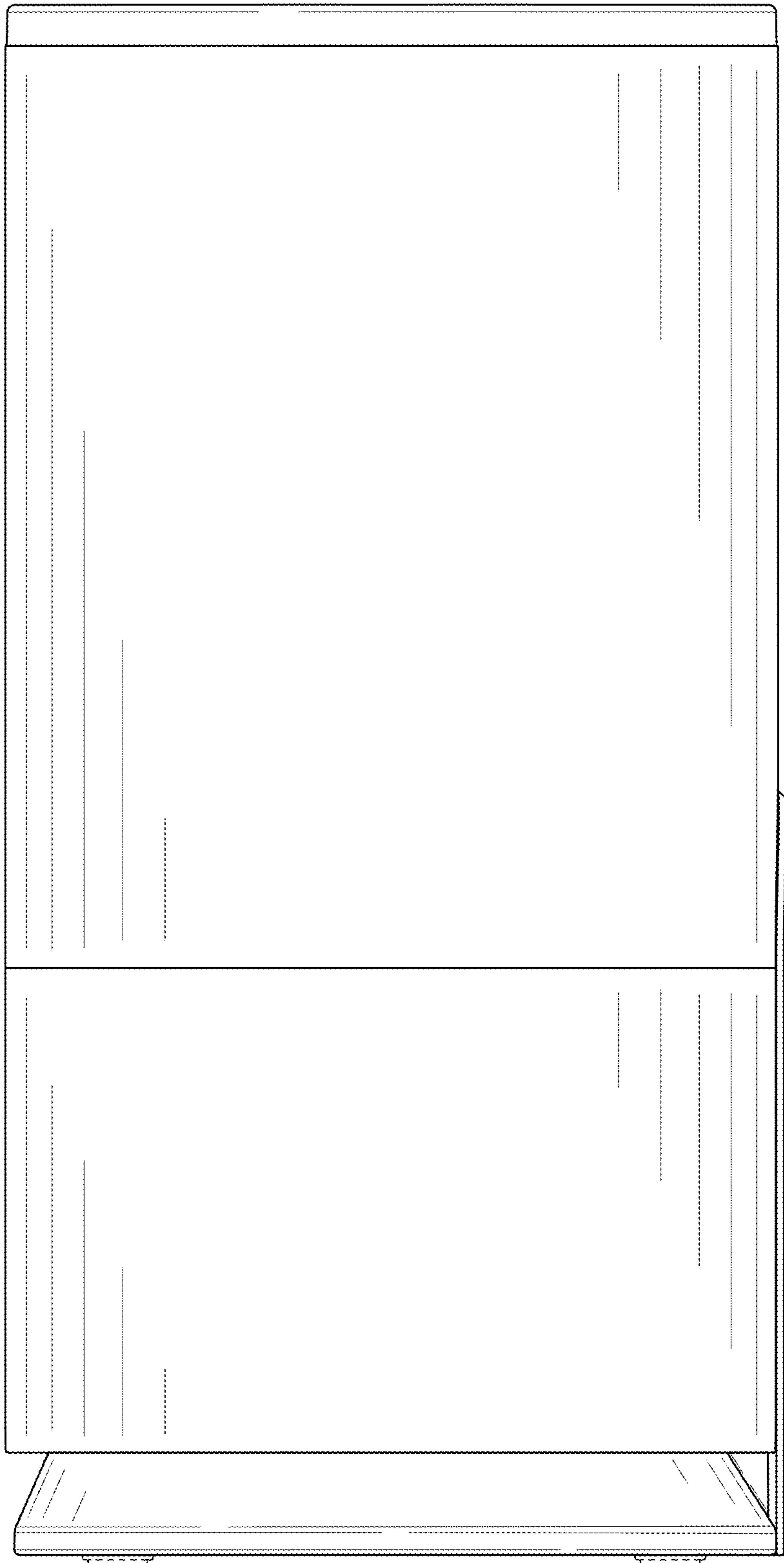


FIG. 4

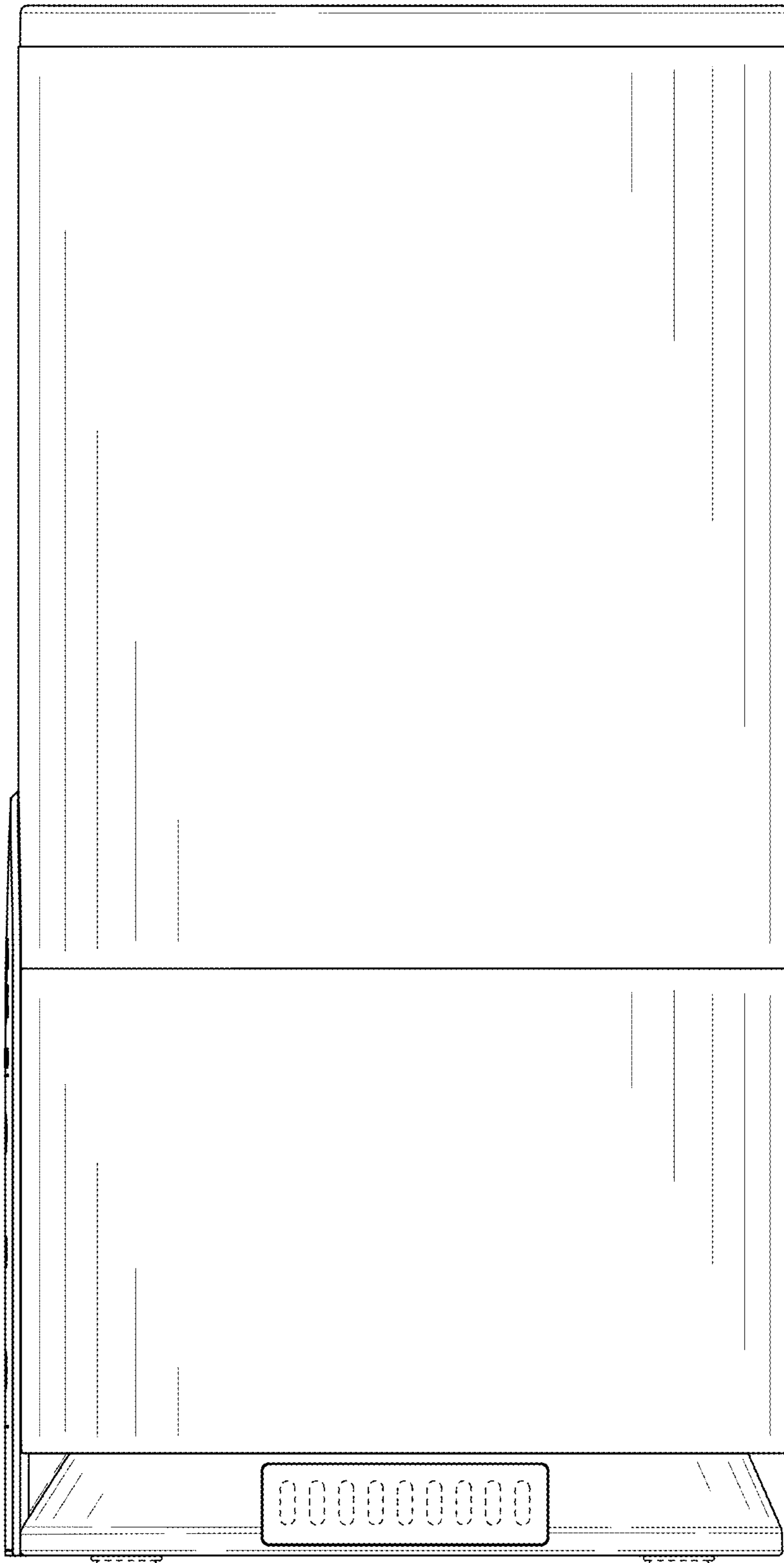


FIG. 5

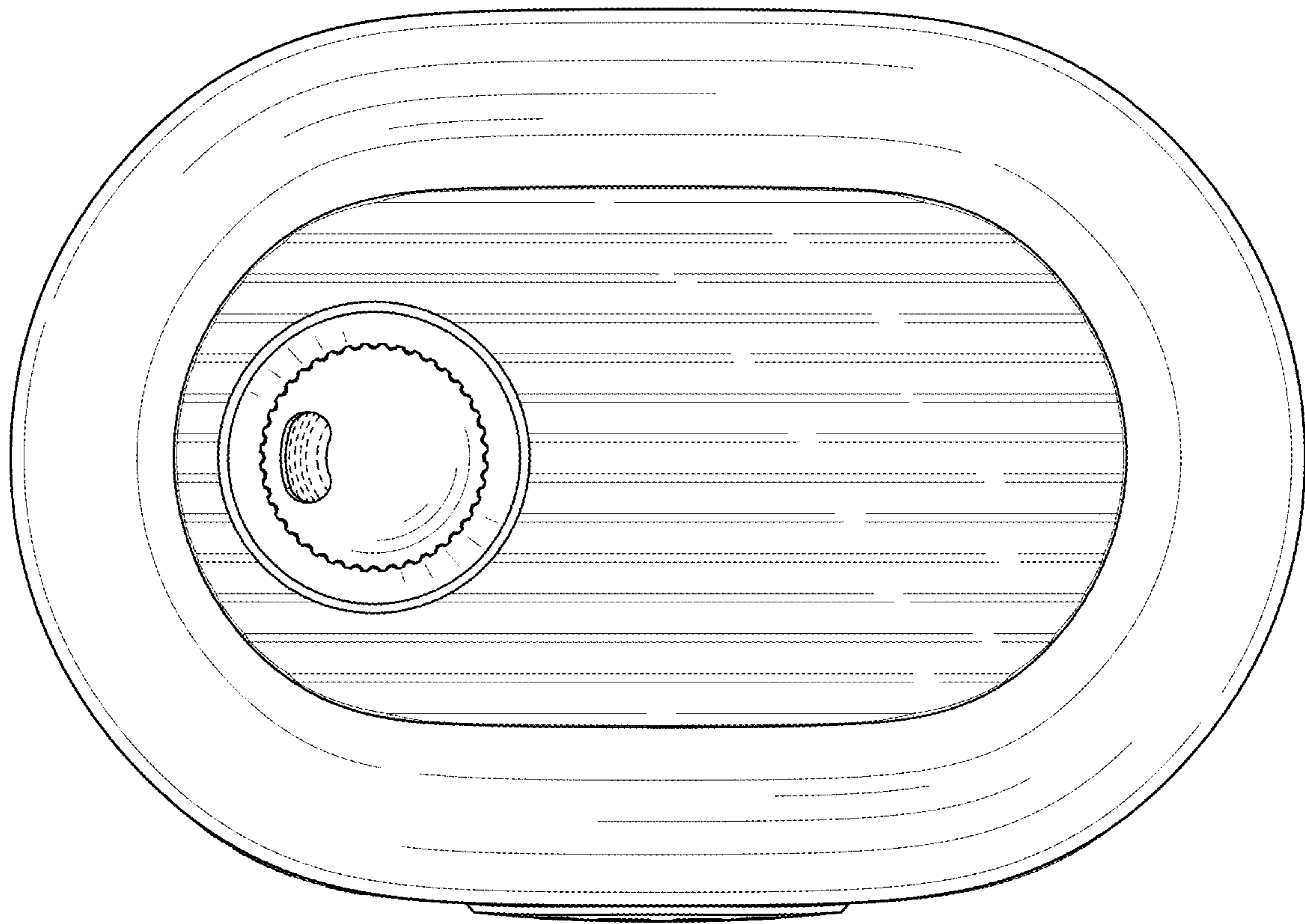


FIG. 6

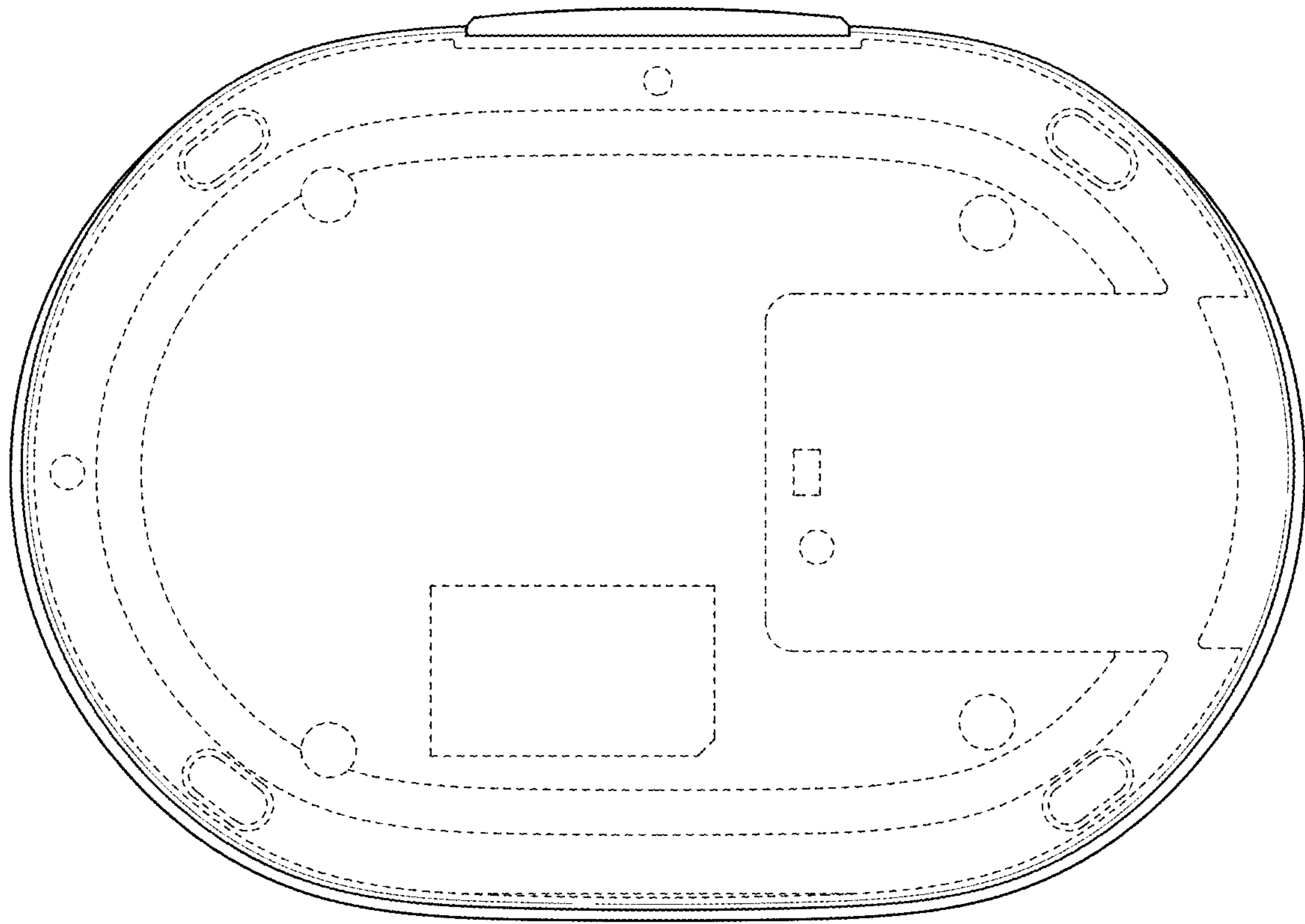


FIG. 7



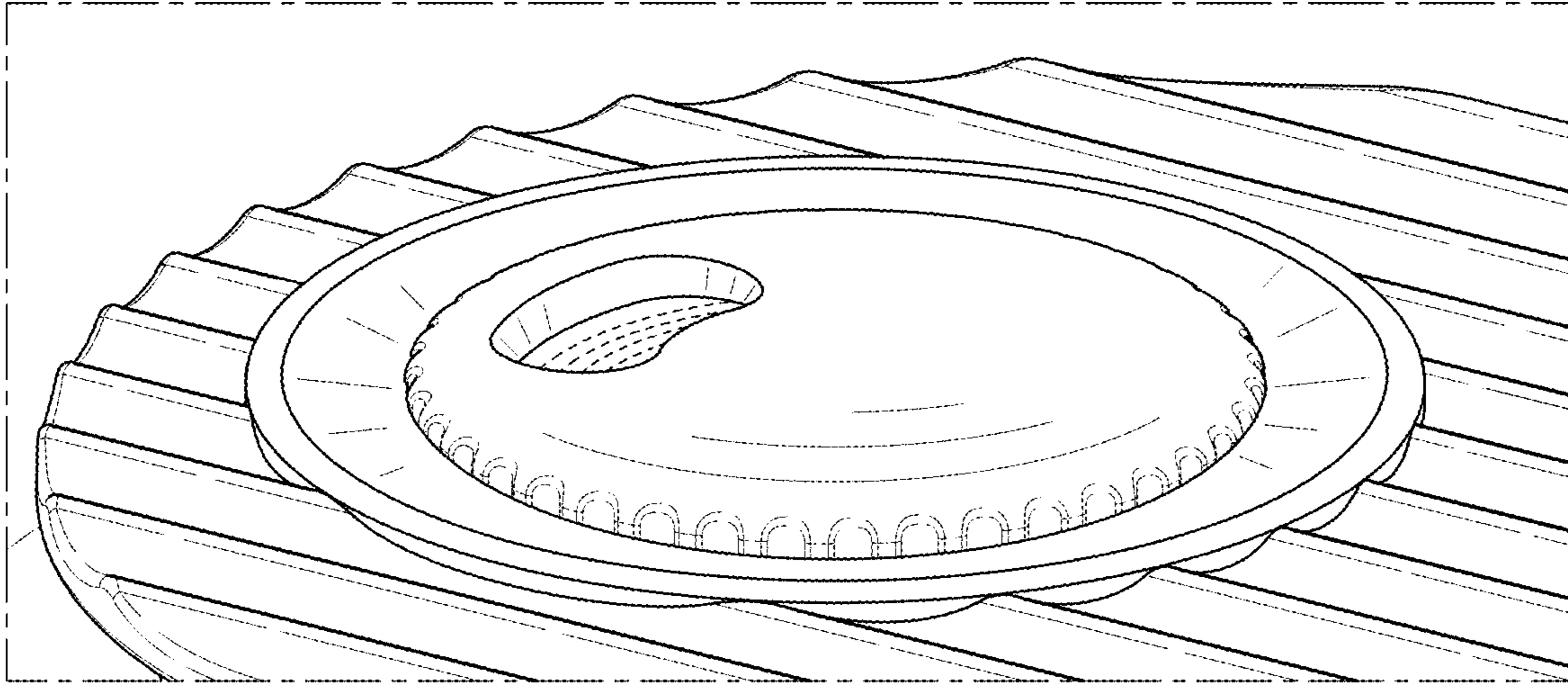


FIG. 8

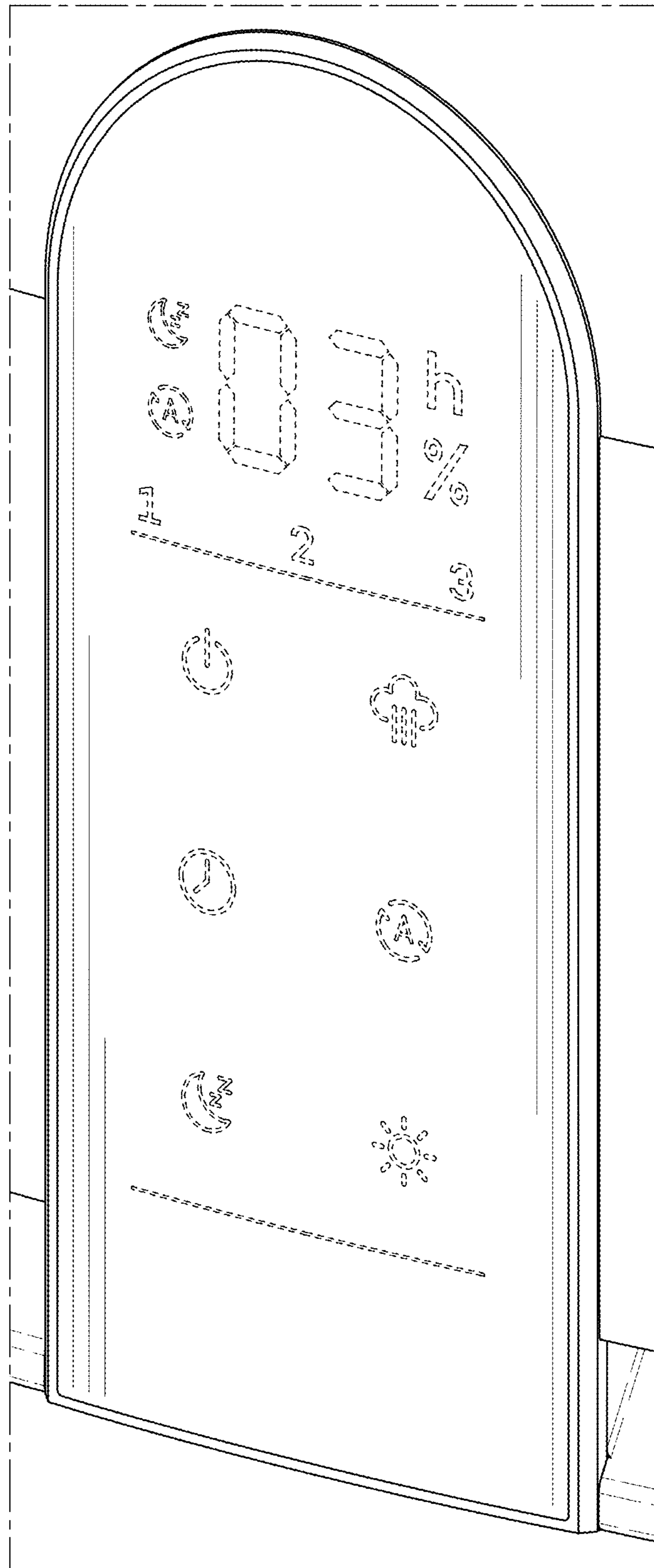


FIG. 9