



US00D900652S

(12) **United States Design Patent** (10) **Patent No.:** **US D900,652 S**  
**Zhou et al.** (45) **Date of Patent:** **\*\* Nov. 3, 2020**

(54) **AIR QUALITY MONITOR**

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(71) Applicant: **Carrier Corporation**, Palm Beach Gardens, FL (US)

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

(57) **CLAIM**

We claim, the ornamental design for an air quality monitor, as shown and described.

(21) Appl. No.: **29/669,994**

**DESCRIPTION**

(22) Filed: **Nov. 13, 2018**

(30) **Foreign Application Priority Data**

May 15, 2018 (CN) ..... 2018 3 0220972

(51) **LOC (12) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/53**

(58) **Field of Classification Search**  
USPC ..... D10/52, 53, 55, 56  
CPC ..... G01N 1/2273; G01N 2001/2276; G01N 2001/2279; G01N 7/00; G01N 7/02; G01N 7/04; G01N 7/06; G01N 7/08; G01N 7/10; G01N 7/12; G01N 7/14; G01N 7/16; G01N 7/18; G01N 7/20; G01N 7/22; G01N 1/22-1/2294; G01N 2001/2217-2201/2297; G01N 25/56;

(Continued)

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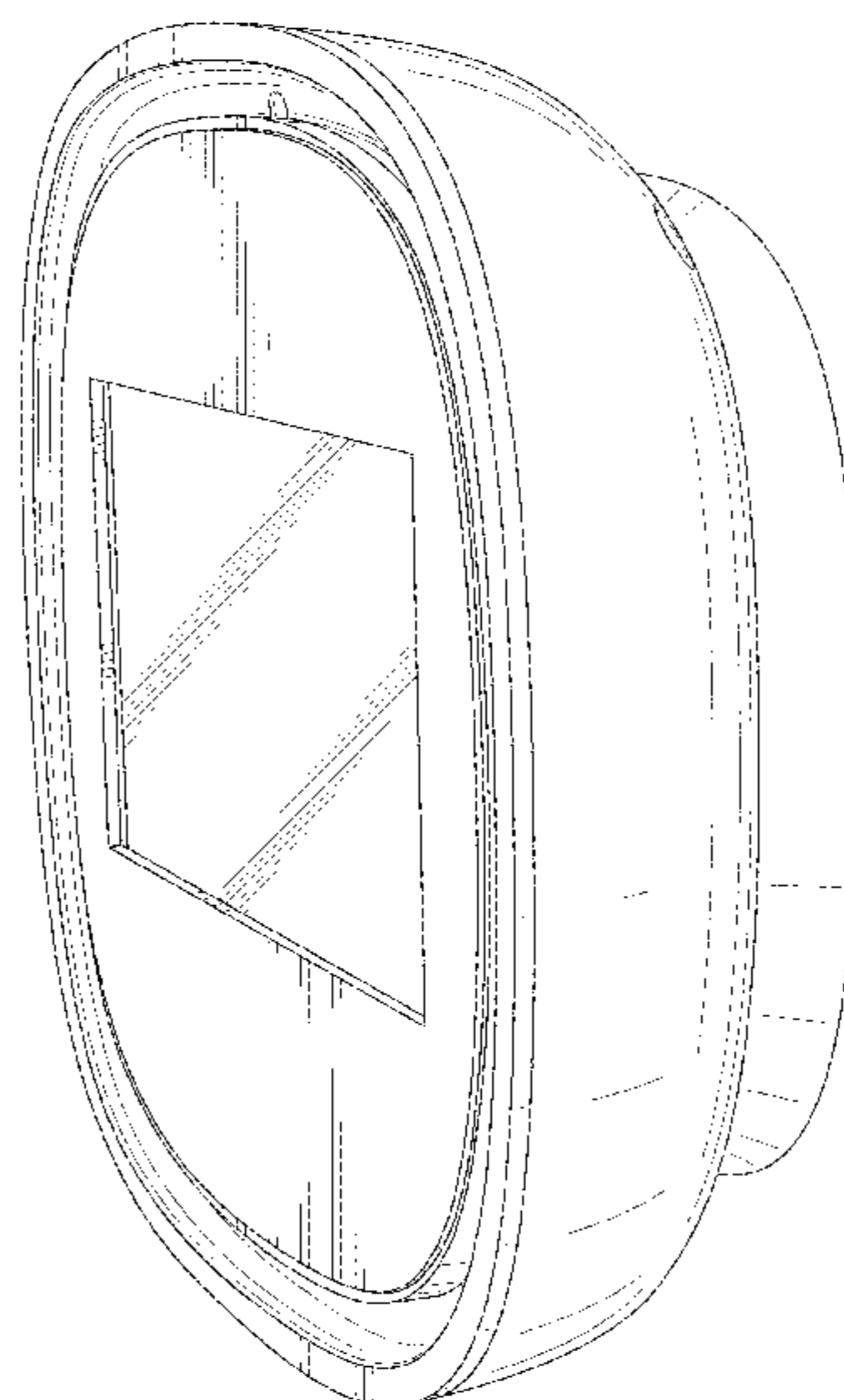
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(Continued)

FIG. 1 is a perspective view of an air quality monitor, showing our new design in a first embodiment;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a side view thereof;  
FIG. 5 is another side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a perspective view of an air quality monitor, showing our new design in a second embodiment;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a side view thereof;  
FIG. 12 is another side view thereof;  
FIG. 13 is a top view thereof;  
FIG. 14 is a bottom view thereof;  
FIG. 15 is a perspective view of an air quality monitor, showing our new design in a third embodiment;  
FIG. 16 is a front view thereof;  
FIG. 17 is a rear view thereof;  
FIG. 18 is a side view thereof;  
FIG. 19 is another side view thereof;  
FIG. 20 is a top view thereof; and,  
FIG. 21 is a bottom view thereof.

The broken-line disclosure in the views is generally understood to form no part of the claimed design.

**1 Claim, 16 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... G01N 27/122; G01N 33/004-33/0075;  
H04B 17/23

See application file for complete search history.

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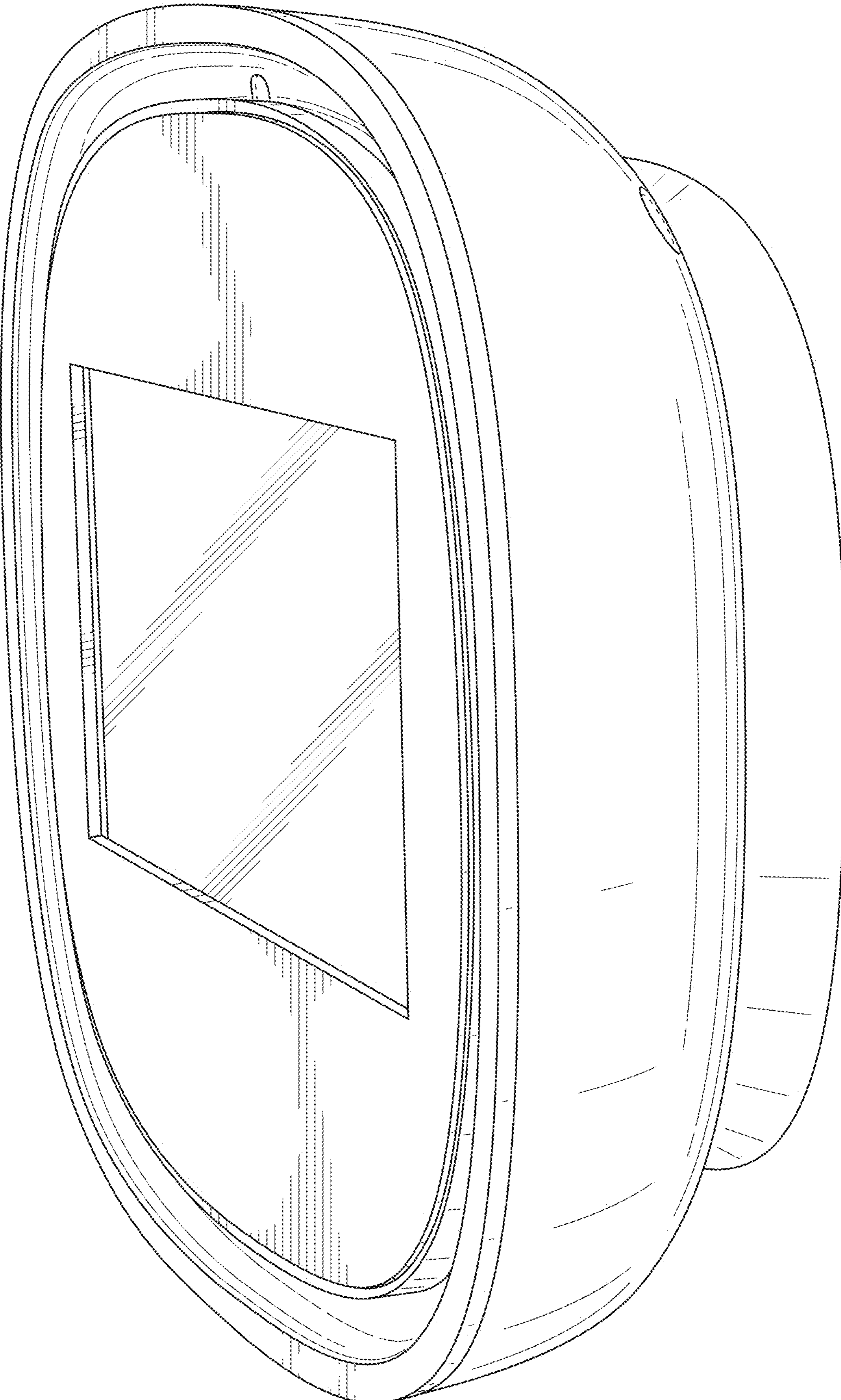


FIG. 1

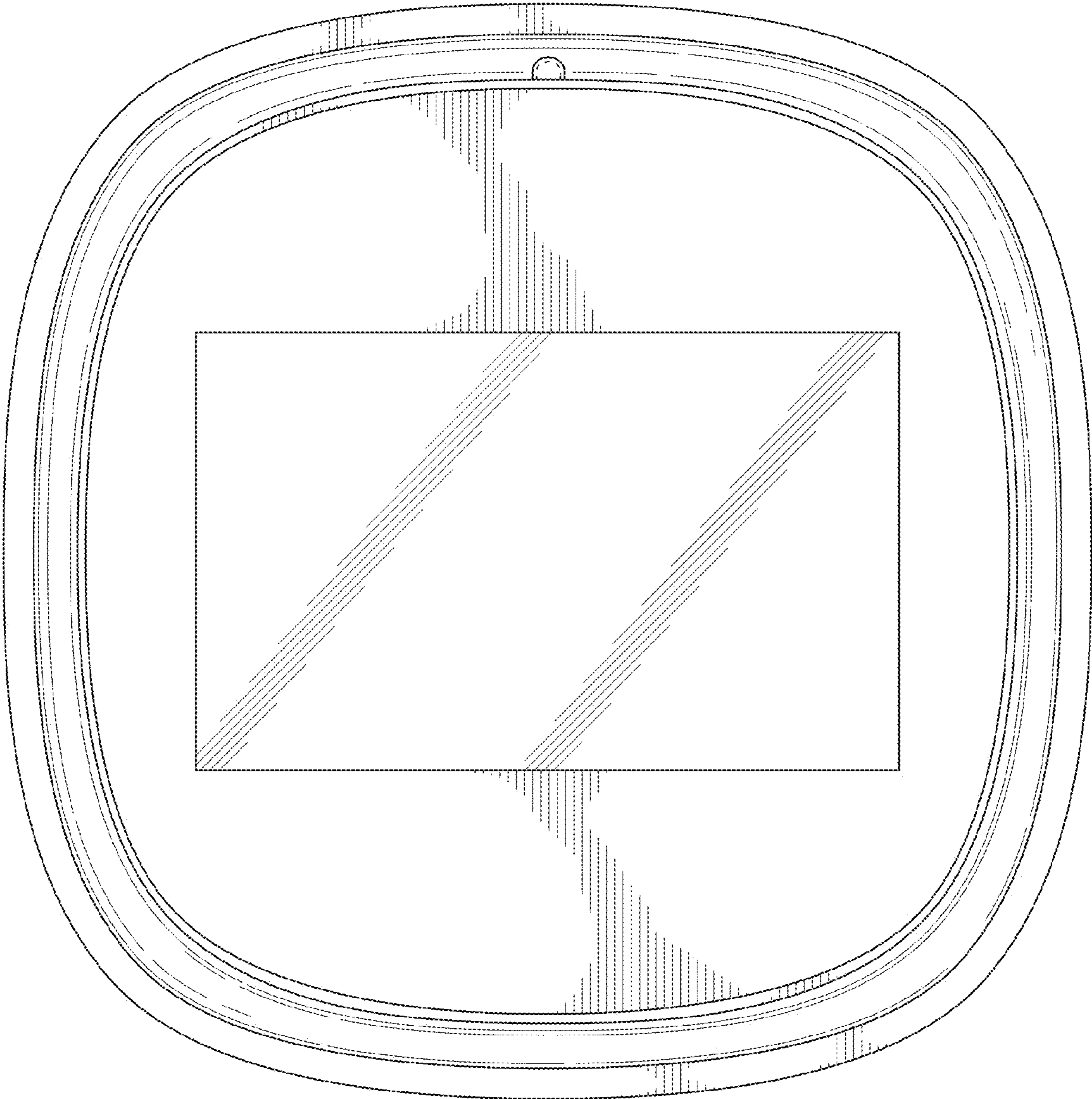


FIG. 2

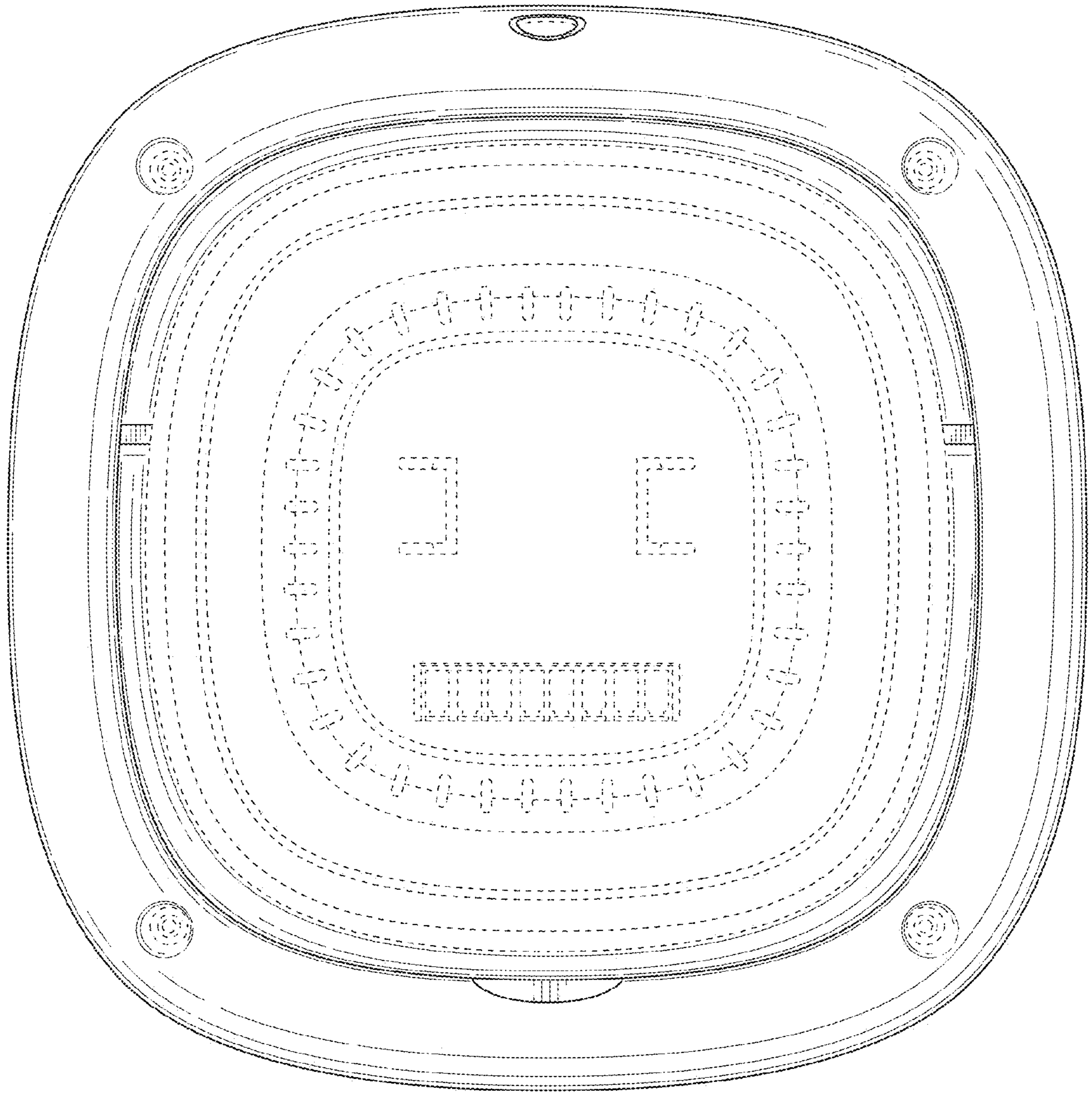


FIG. 3

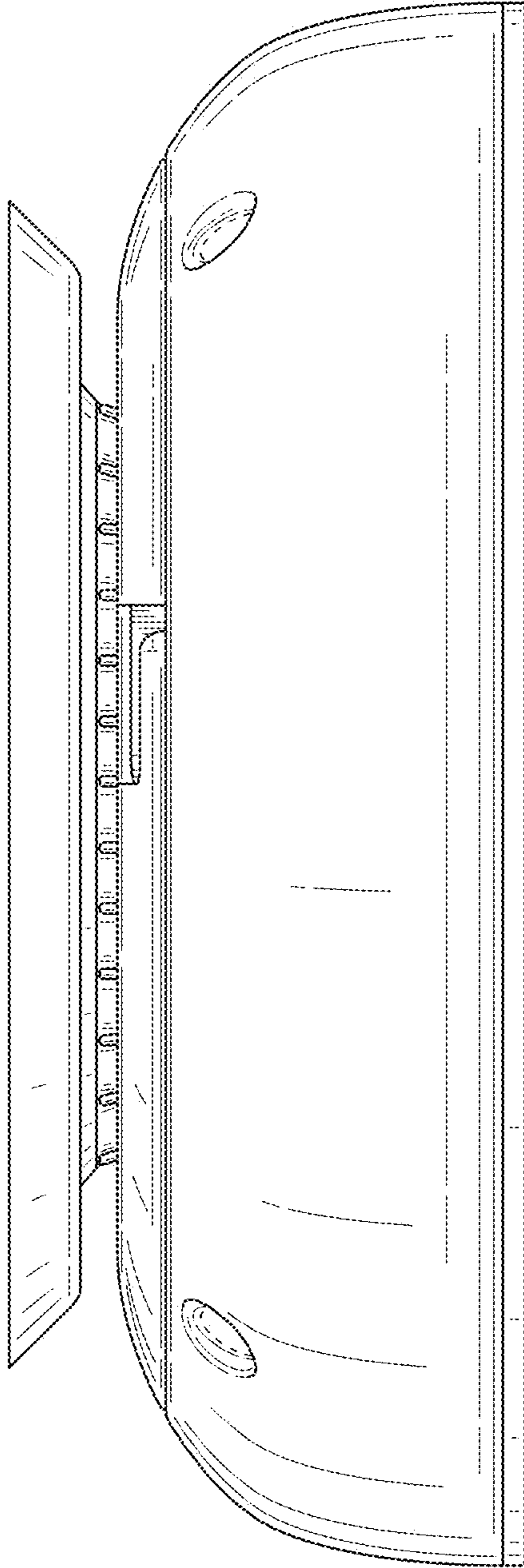


FIG. 4

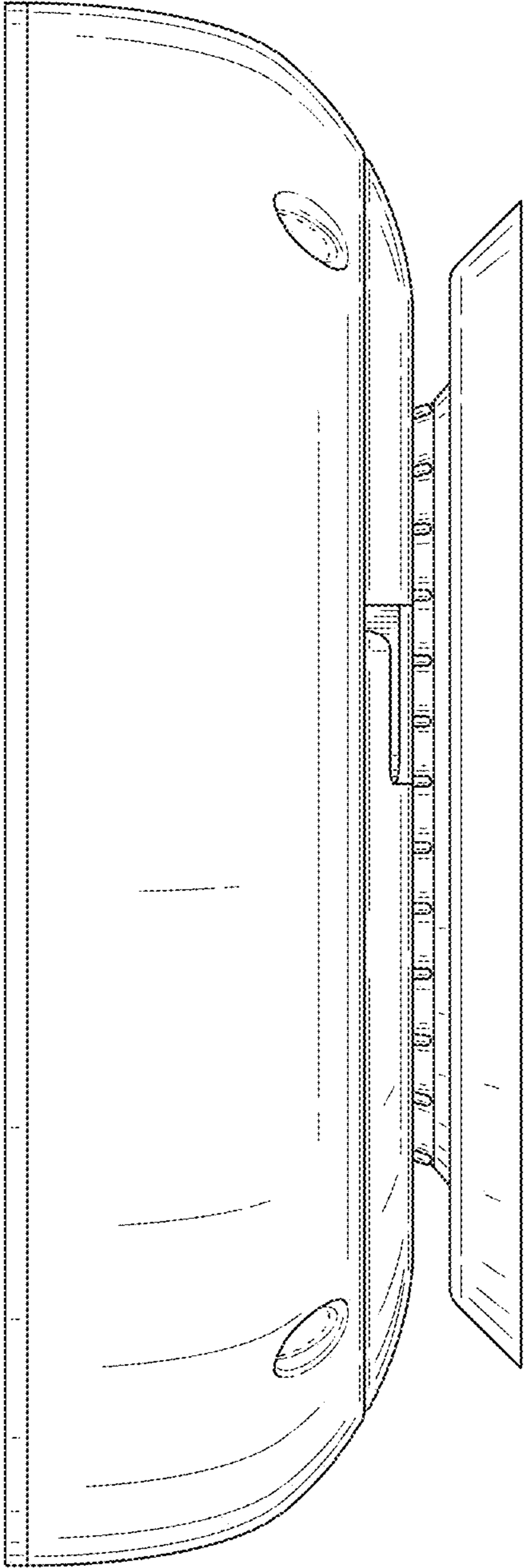


FIG. 5

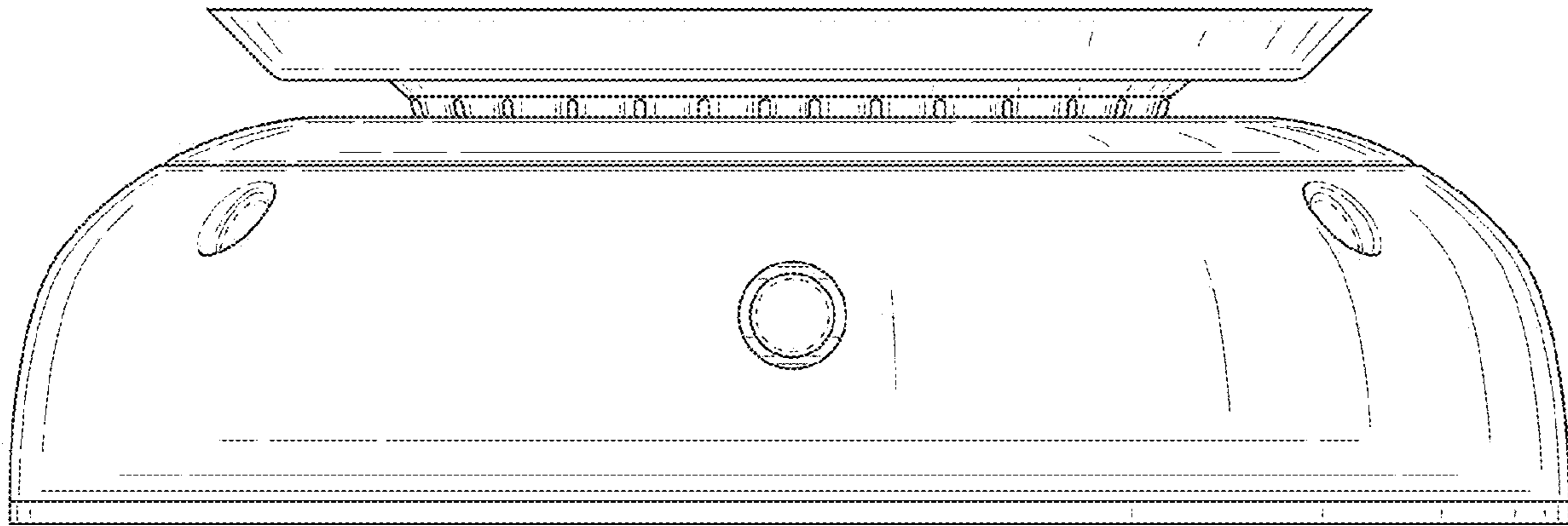


FIG. 6

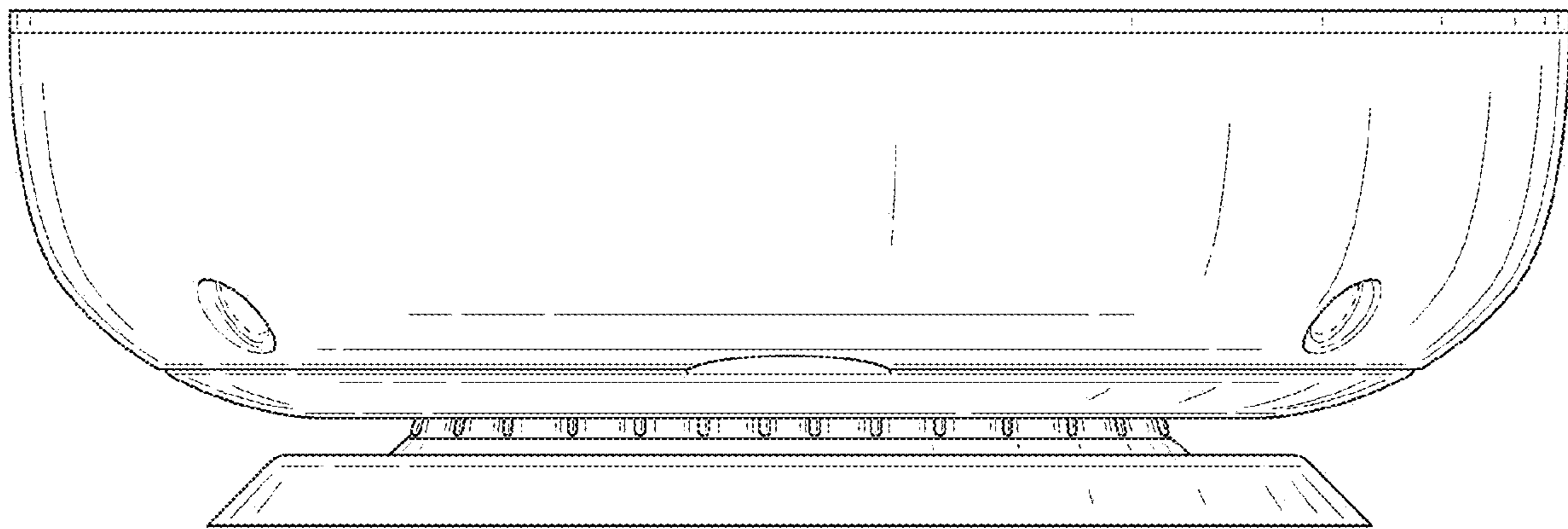


FIG. 7

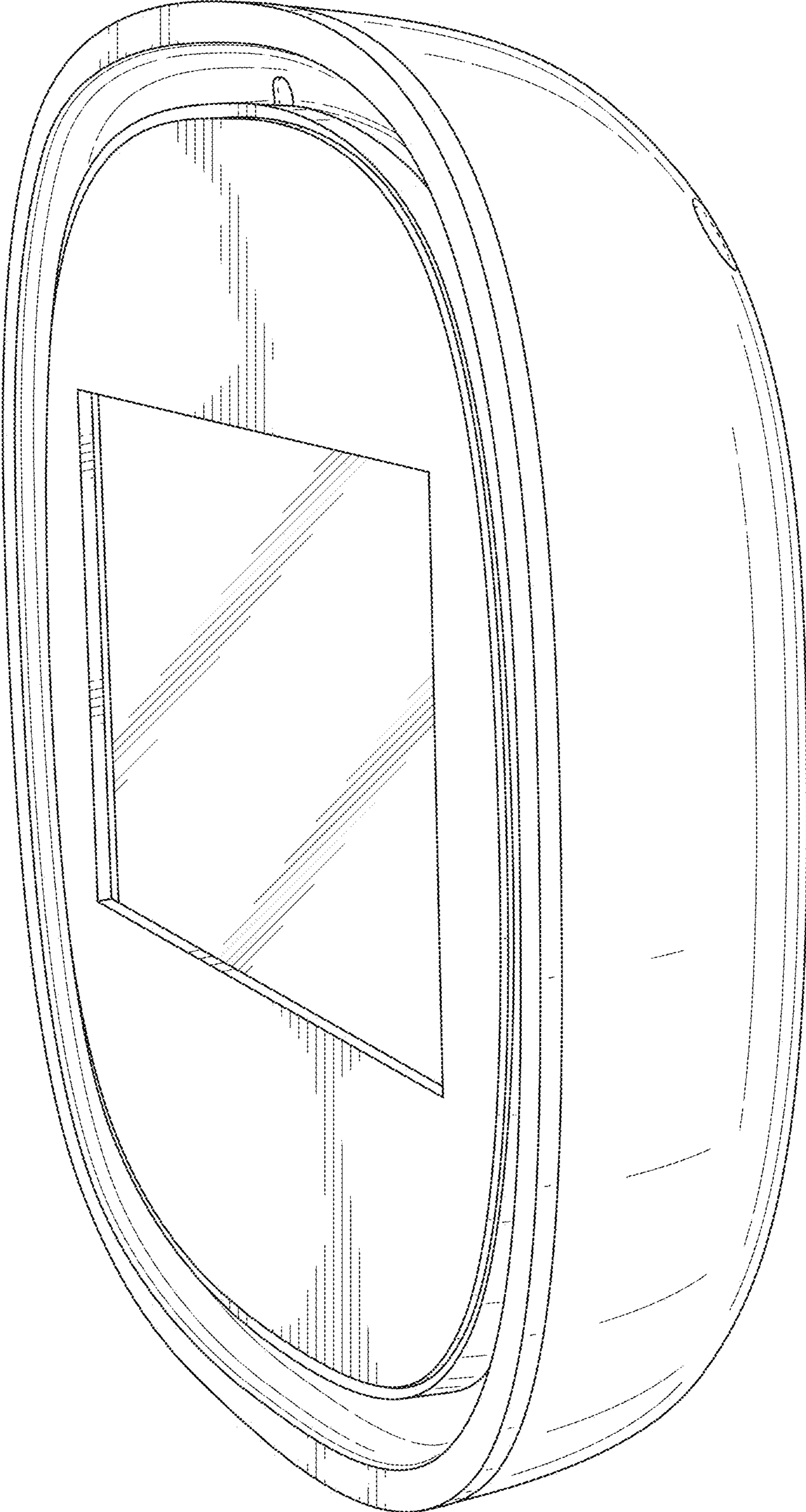


FIG. 8



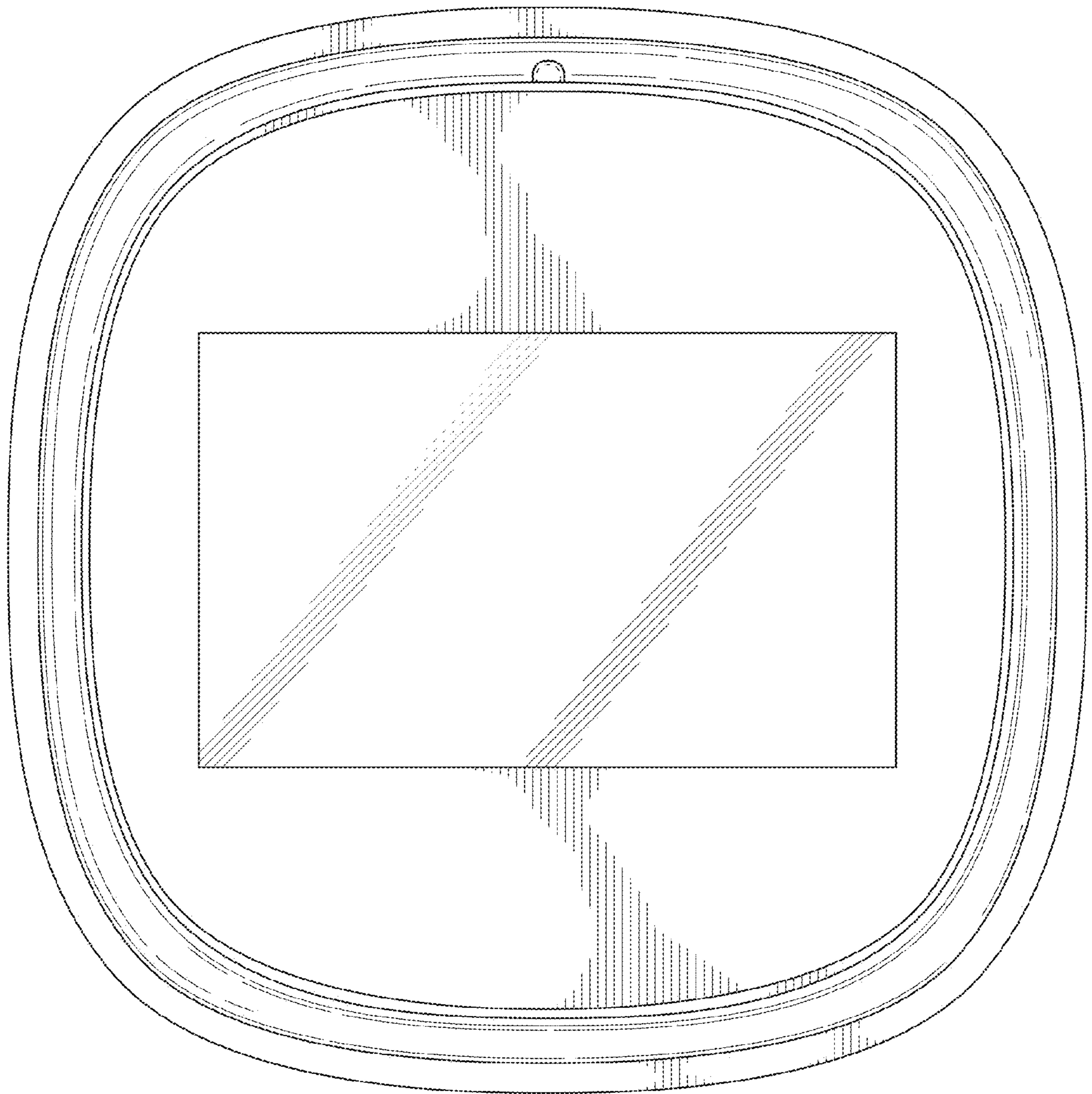


FIG. 9

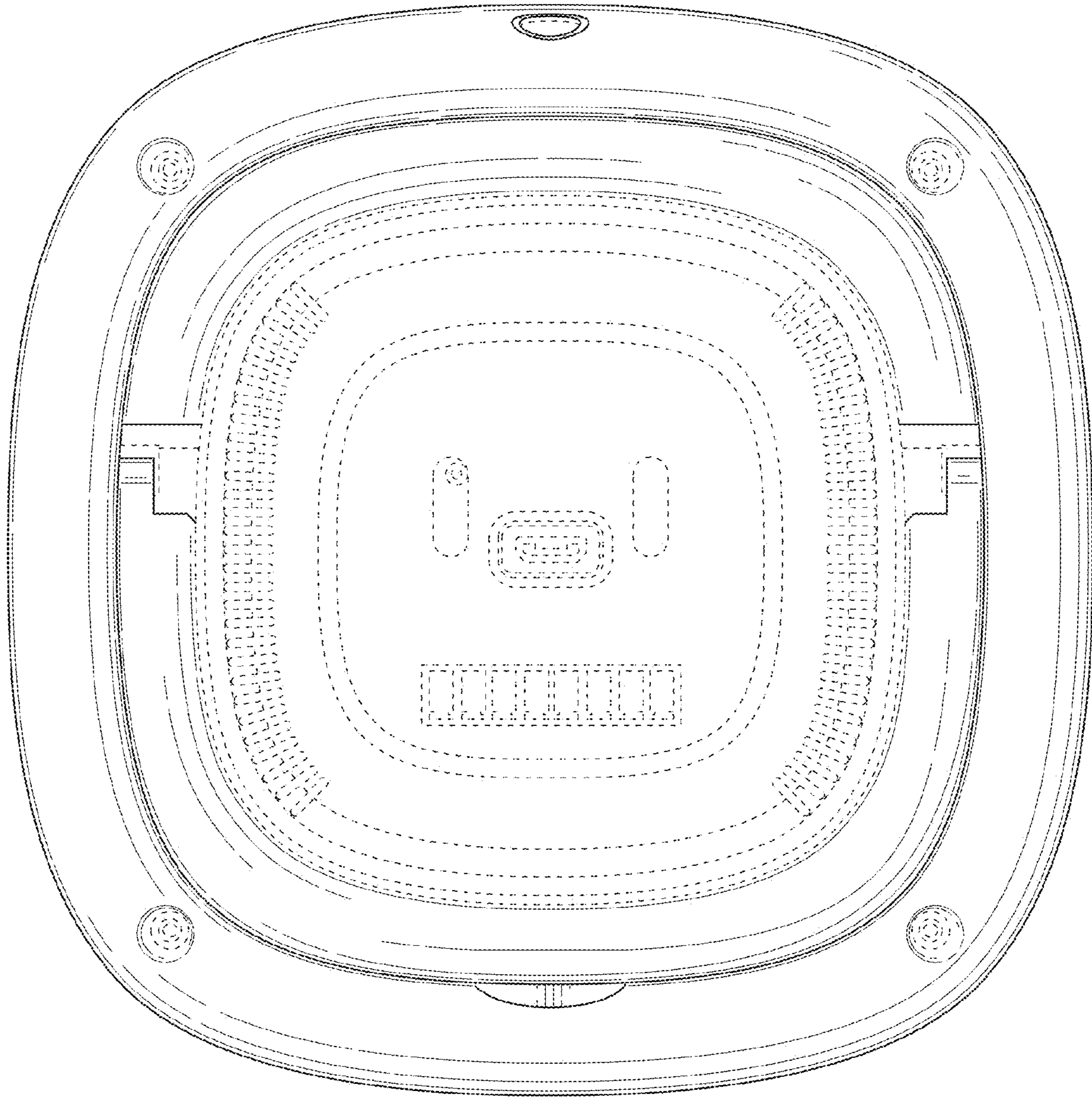


FIG. 10

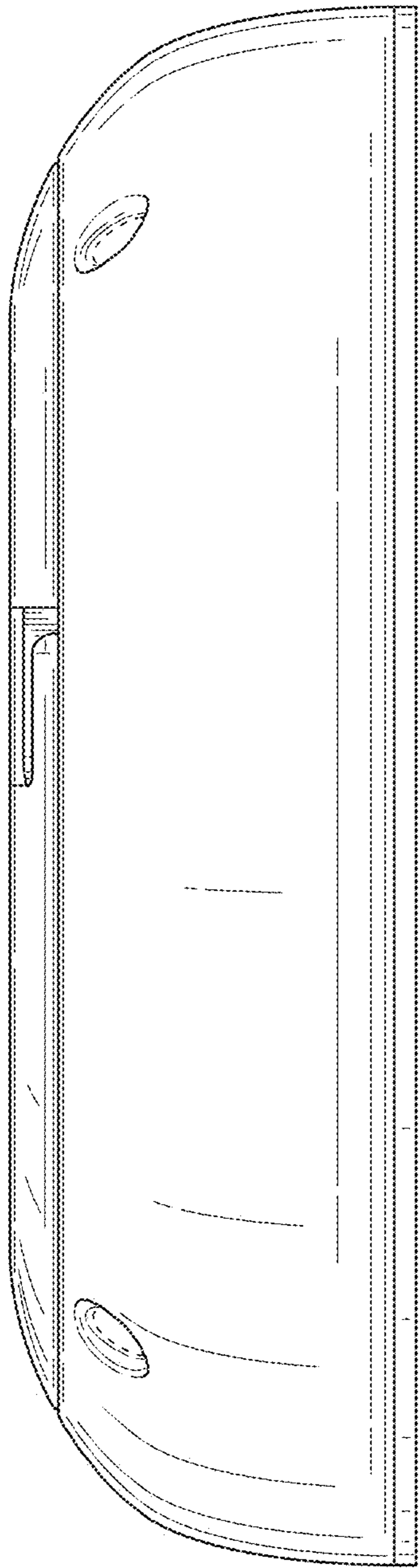


FIG. 11

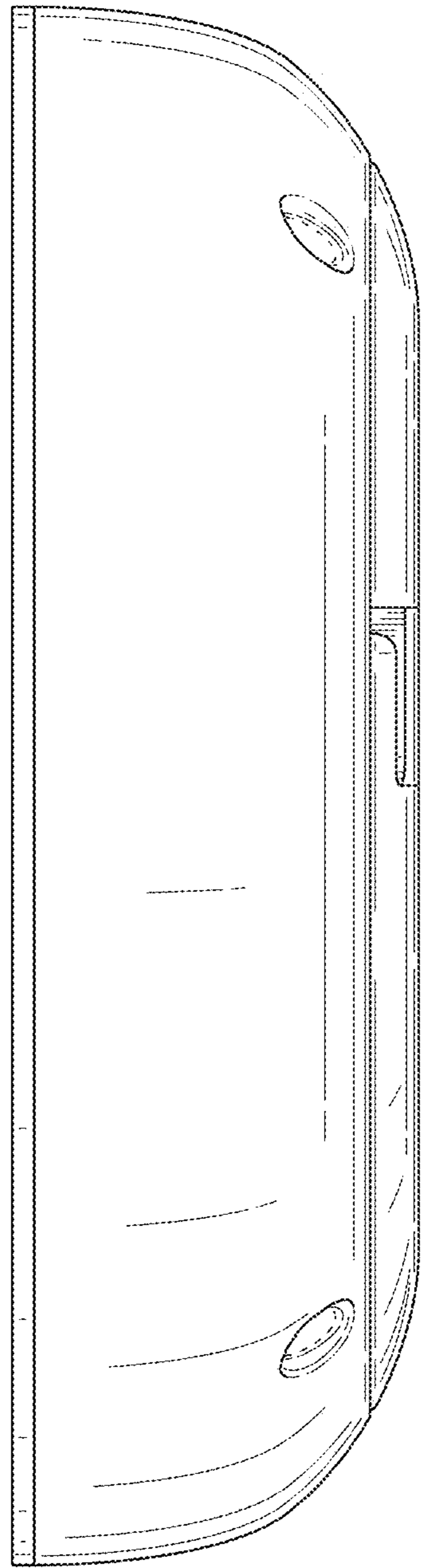


FIG. 12

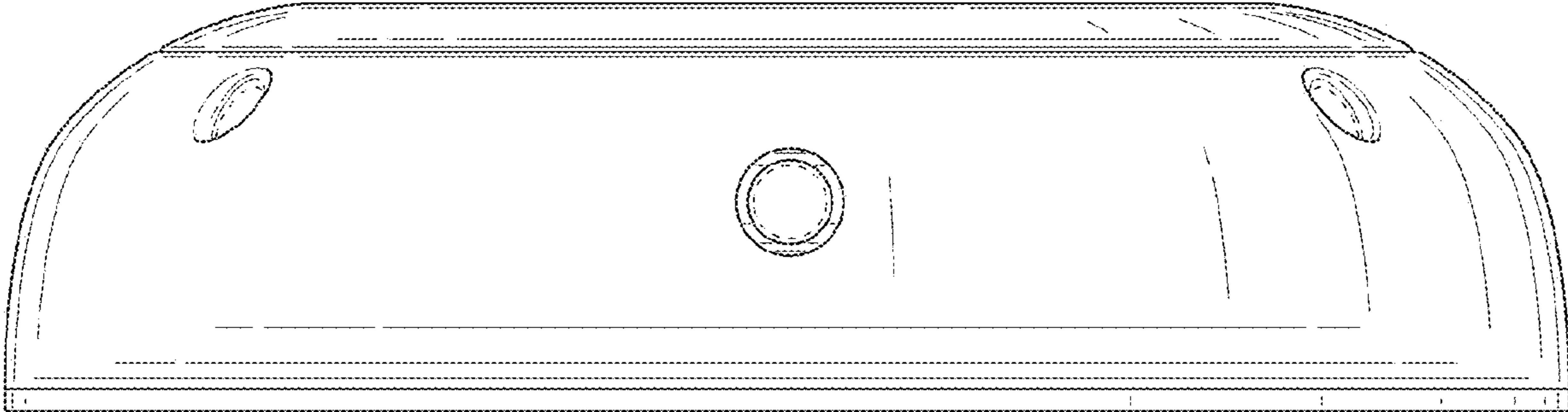


FIG. 13

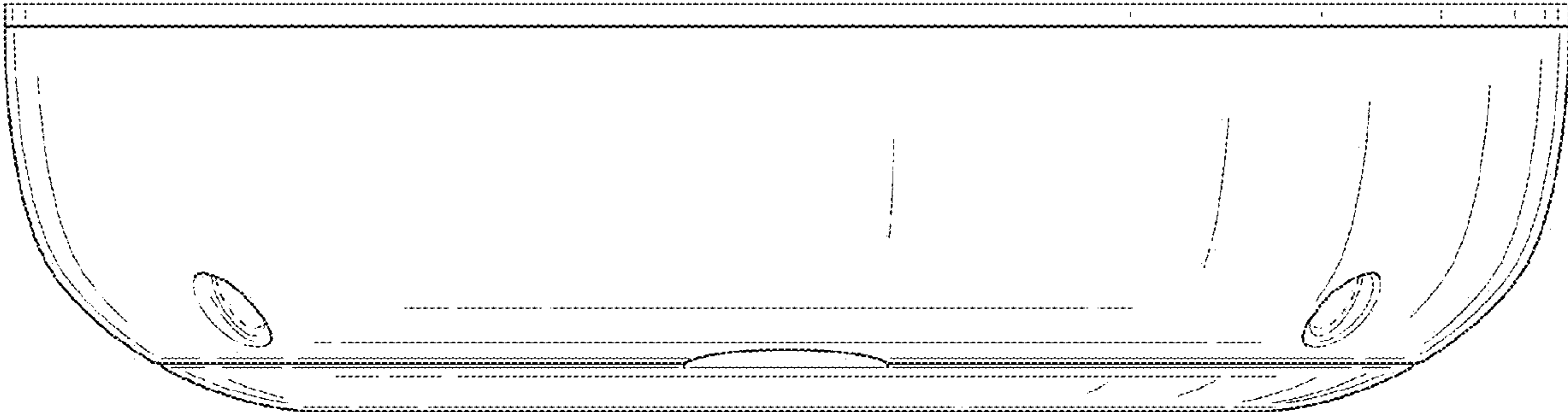


FIG. 14

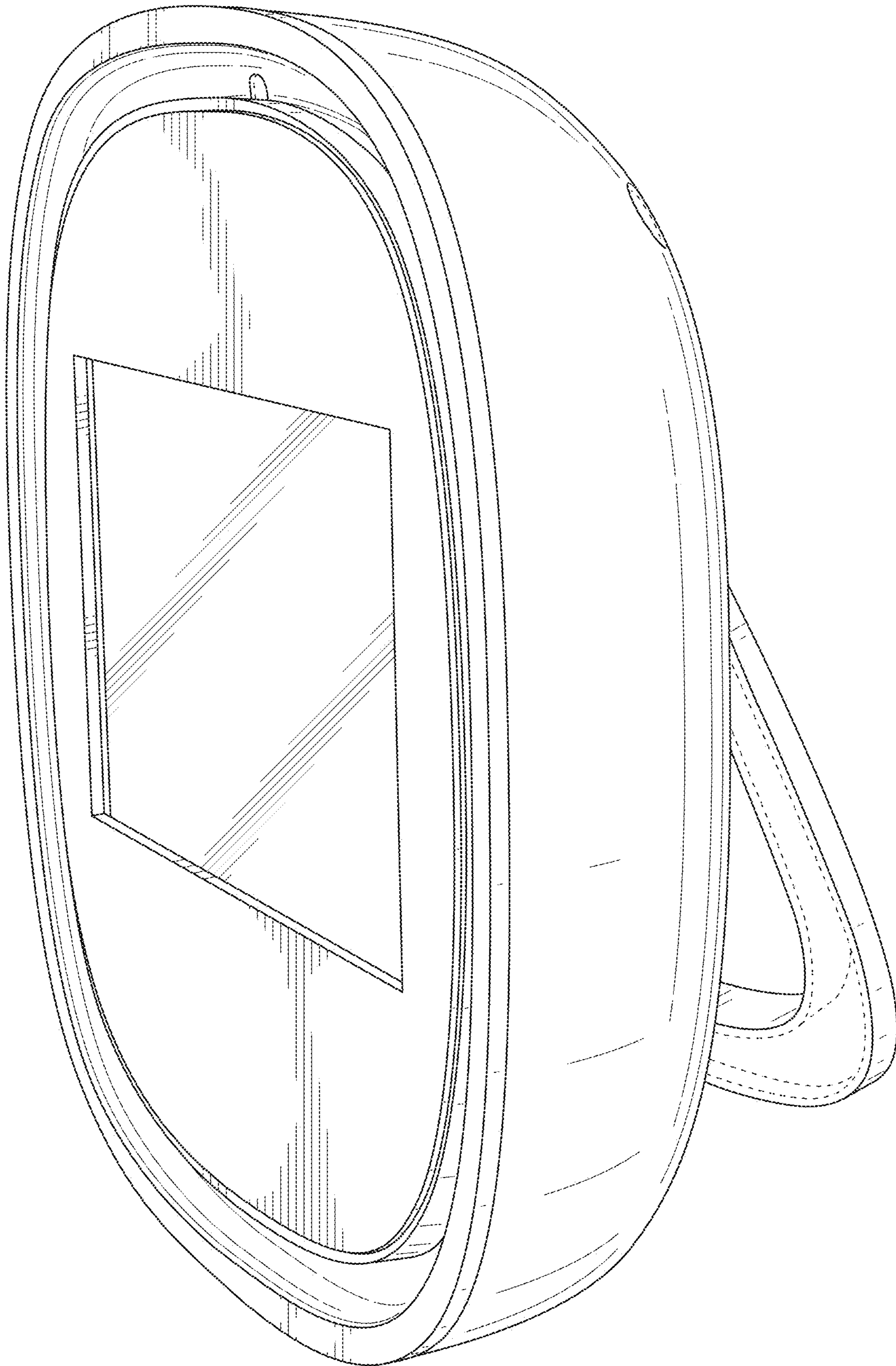


FIG. 15

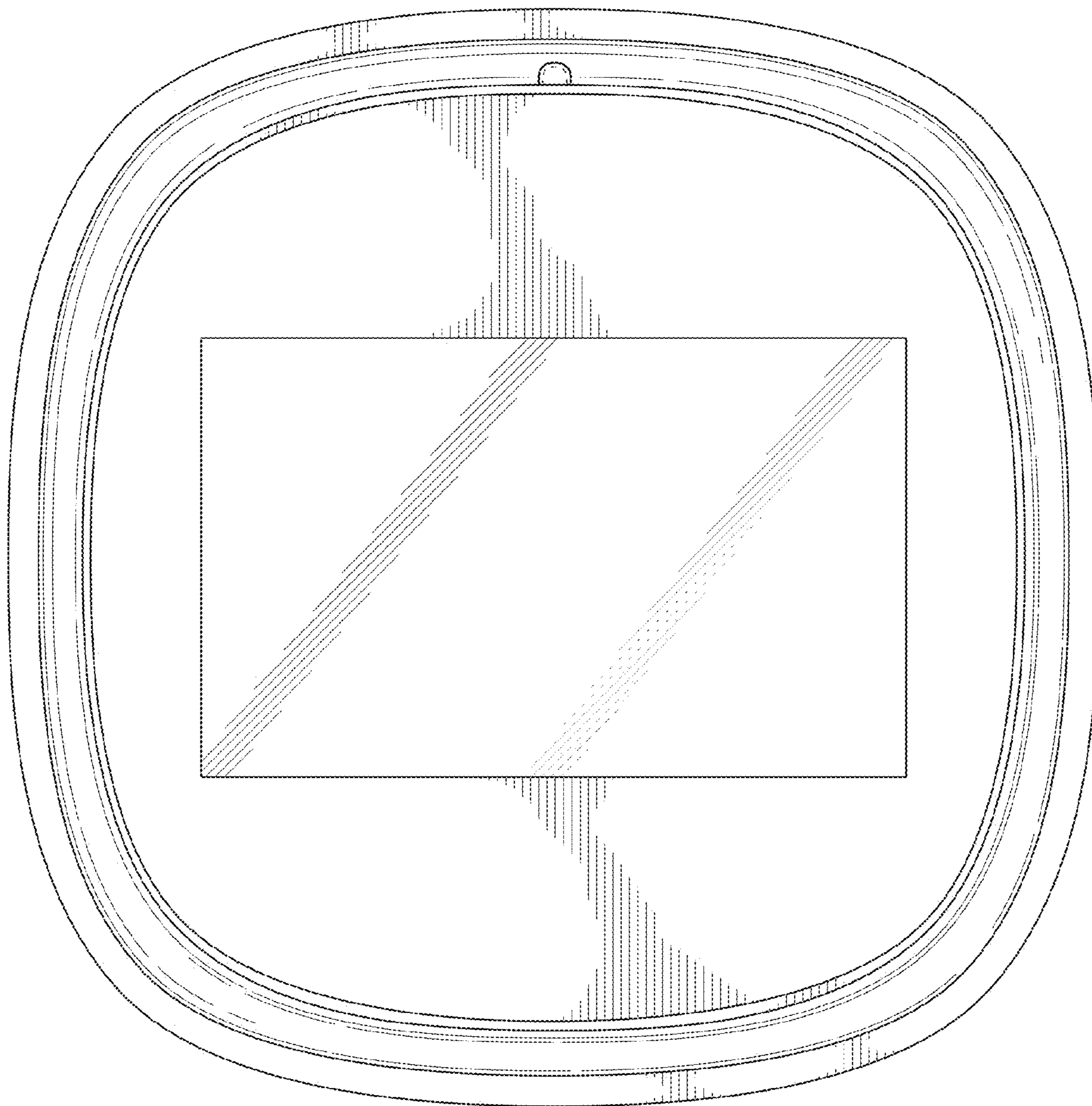


FIG. 16

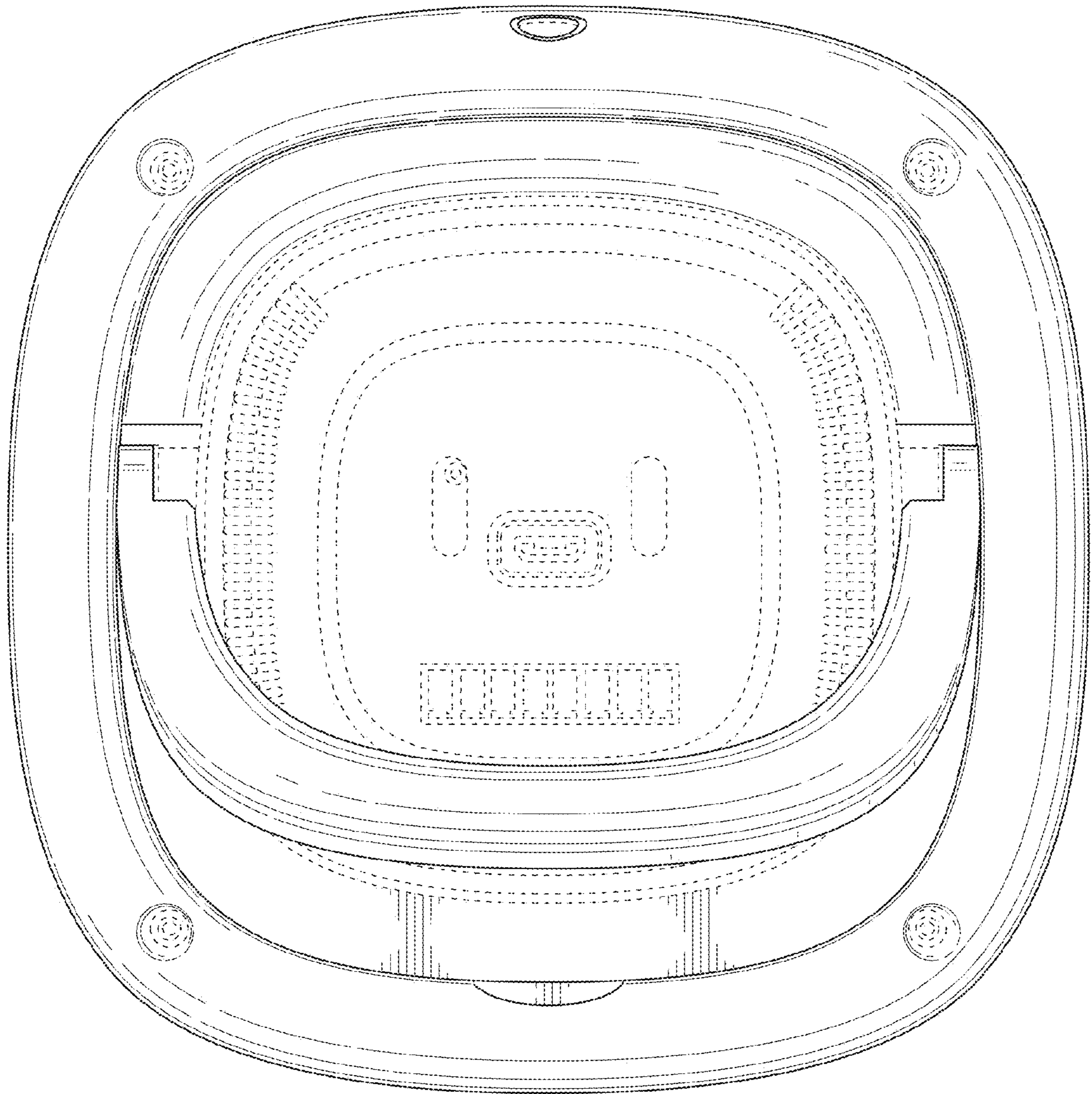


FIG. 17

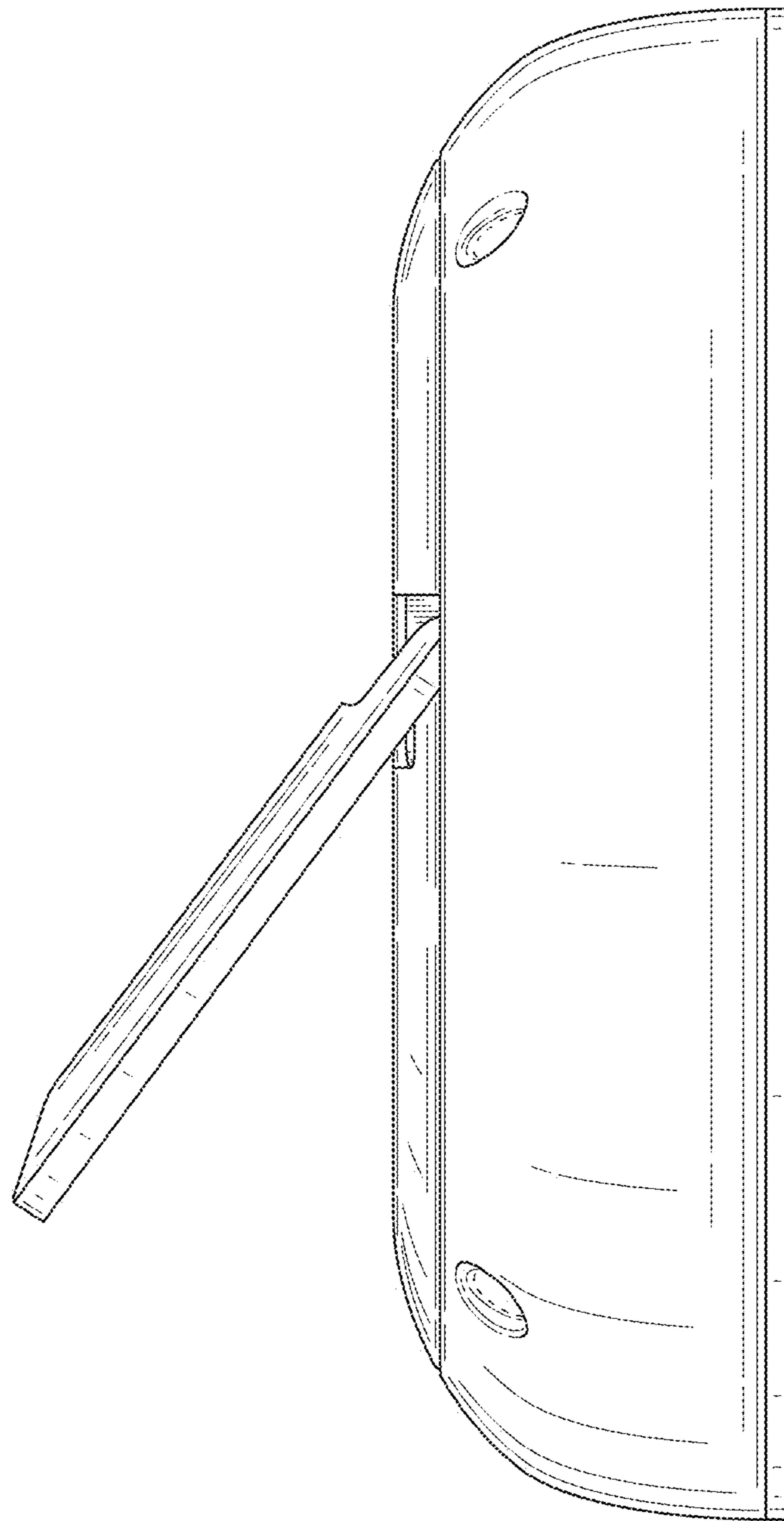


FIG. 18



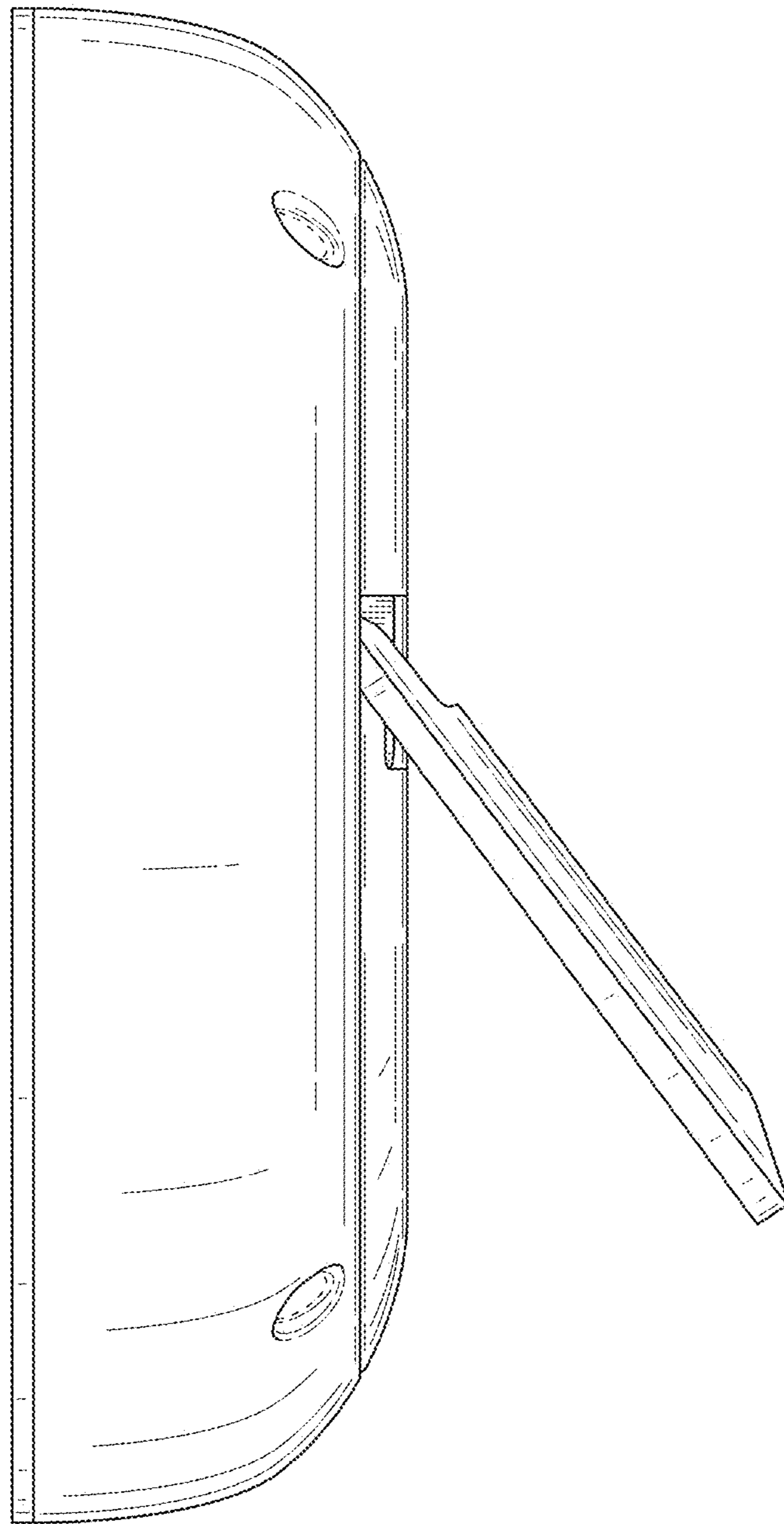


FIG. 19

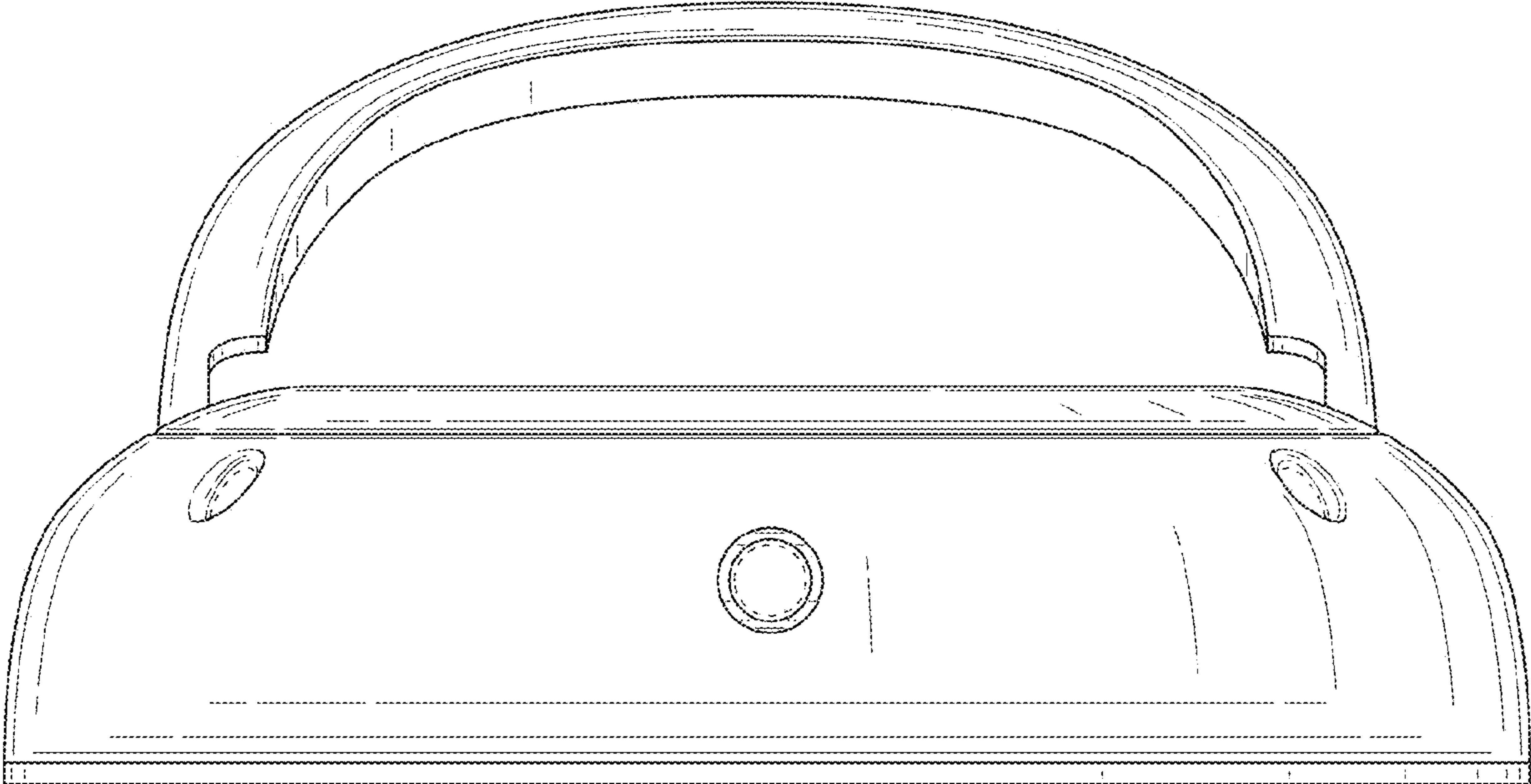


FIG. 20

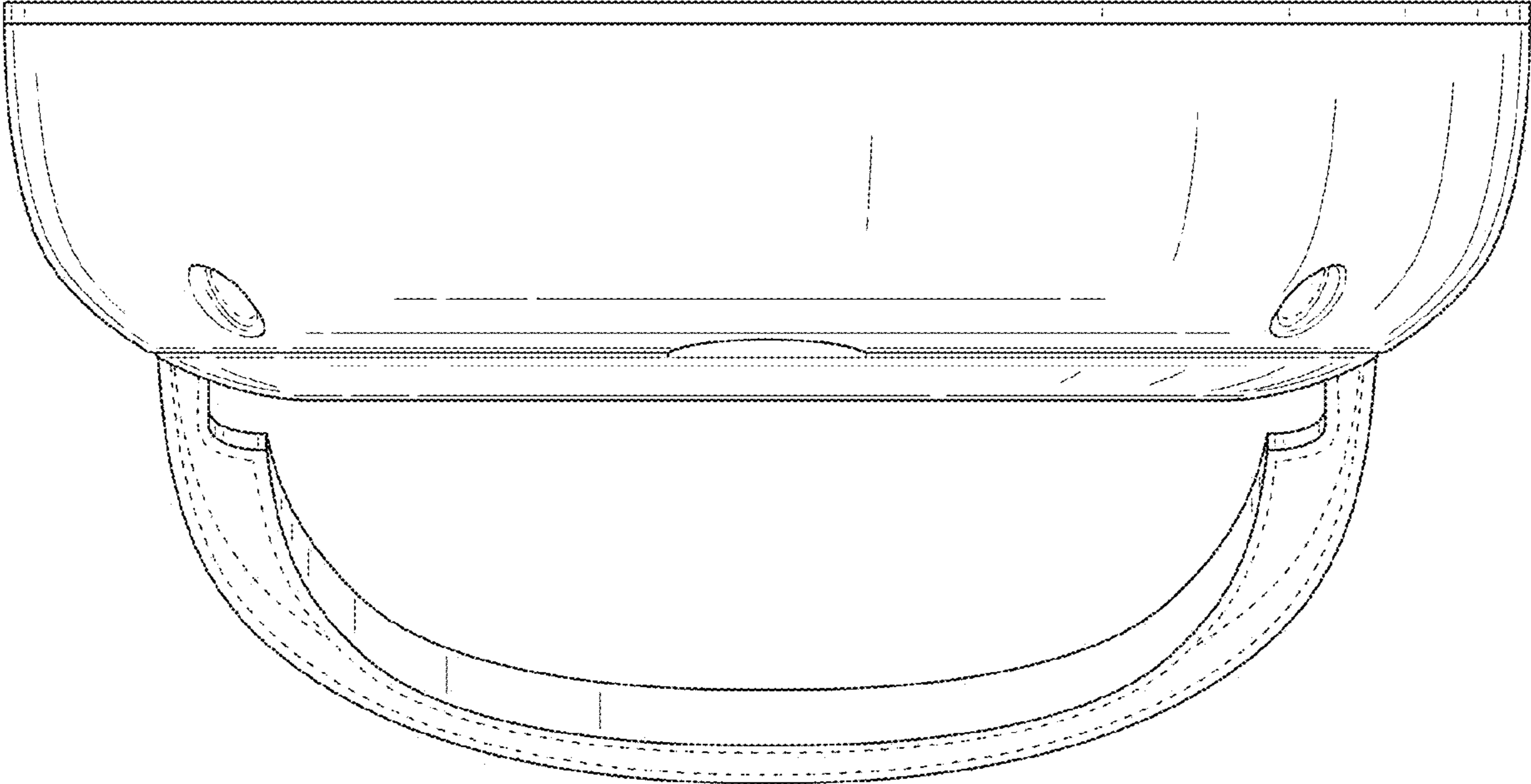


FIG. 21