



US0D1122129S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,122,129 S**  
**Yee et al.** (45) **Date of Patent:** **\*\* Apr. 14, 2026**

(54) **AIR QUALITY SENSOR**

D1,064,859 S \* 3/2025 Xie ..... D10/53  
2019/0265132 A1\* 8/2019 Mou ..... G01N 33/0009  
2020/0173971 A1\* 6/2020 Mou ..... H04L 67/55

(71) Applicant: **Honeywell International Inc.,**  
Charlotte, NC (US)

FOREIGN PATENT DOCUMENTS

(72) Inventors: **Daniel James Yee,** Charlotte, NC (US);  
**Rahul Avasthi,** Allen, TX (US)

CN 306983975 \* 12/2021  
CN 208073367 \* 6/2023  
GB 6170858 \* 12/2021

(73) Assignee: **HONEYWELL INTERNATIONAL**  
**INC.,** Charlotte, NC (US)

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/900,272**

Senva AQ2W-BC2VPARP, zotsupply.com, No date, [site visited:  
Jun. 11, 2025], Available from URL: <https://zotsupply.com/Senva-AQ2W-BC2VPARP> (Year: 2025).\*

(22) Filed: **Aug. 18, 2023**

(Continued)

(51) **LOC (15) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/78**

(58) **Field of Classification Search**  
USPC ..... D10/75, 103, 70, 78, 46, 74, 81, 96, 99,  
D10/100, 102, 61, 65, 52, 53  
CPC ..... G01N 33/004; G01N 33/2025; G01N  
33/225; G01N 33/0047; G01N 33/0075;  
G01N 33/0016; G01N 1/2273; G08B  
21/14; G01R 19/15; G01R 19/00; G01R  
33/072; G01R 33/091; G01R 15/146

See application file for complete search history.

*Primary Examiner* — Brett Miller

*Assistant Examiner* — Mary Anne Arntzen

(74) *Attorney, Agent, or Firm* — ALSTON & BIRD LLP

(57) **CLAIM**

The ornamental design for an air quality sensor as shown  
and described.

**DESCRIPTION**

(56) **References Cited**

U.S. PATENT DOCUMENTS

D557,624 S \* 12/2007 Coster ..... D10/70  
D717,183 S \* 11/2014 Herzl ..... D10/53  
D876,249 S \* 2/2020 Bee ..... D10/53  
D915,229 S \* 4/2021 King ..... D10/70  
D966,914 S \* 10/2022 Abellera ..... D12/174  
D996,239 S \* 8/2023 Mu ..... D10/53  
D1,016,636 S \* 3/2024 Ahn ..... D10/70  
D1,022,725 S \* 4/2024 Konotopskyi ..... D10/53  
D1,050,910 S \* 11/2024 Al-Ali ..... D3/215  
D1,053,731 S \* 12/2024 Lennon ..... D10/70  
D1,055,731 S \* 12/2024 Li ..... D10/103

FIG. 1 is a front perspective view of an air quality sensor,  
according to our new design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a left side view thereof;

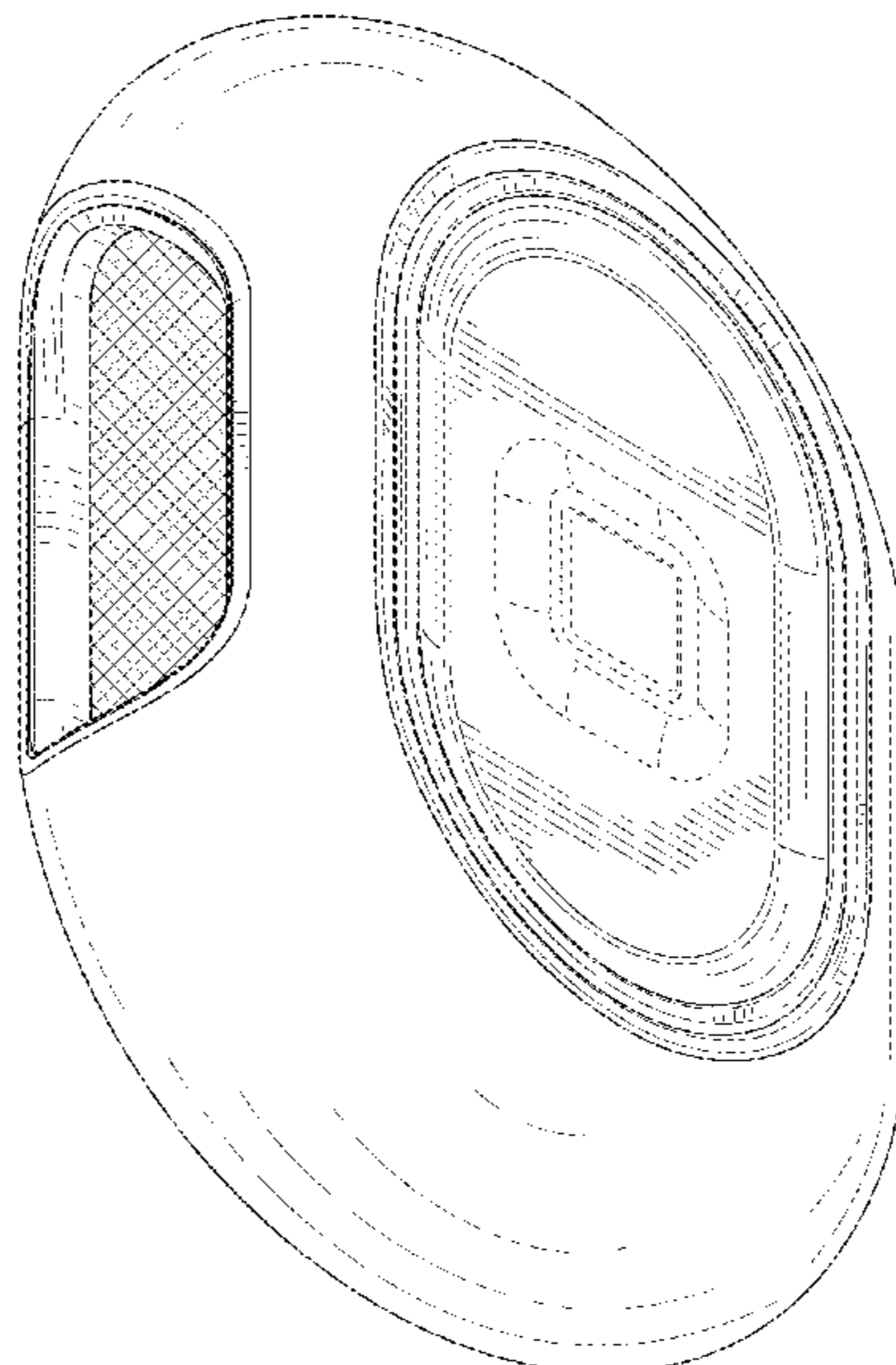
FIG. 6 is a right side view thereof;

FIG. 7 is a top view thereof; and,

FIG. 8 is a bottom view thereof.

The broken lines illustrate portions of the air quality sensor  
that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

JP D1743946 \* 5/2023

OTHER PUBLICATIONS

Airthings 2989, Amazon.com, Date first available: Mar. 4, 2022, [site visited: Jun. 11, 2025], Available from URL: <https://a.co/d/0yiMIXD> (Year: 2022).\*

Amazon Smart Air Quality Monitor, radonmarket.com, No date, [site visited: Jun. 11, 2025], Available from URL: <https://www.radonmarket.com/product/amazon-smart-air-quality-monitor-know-your-air-works-with-alexa/> (Year: 2025).\*

\* cited by examiner

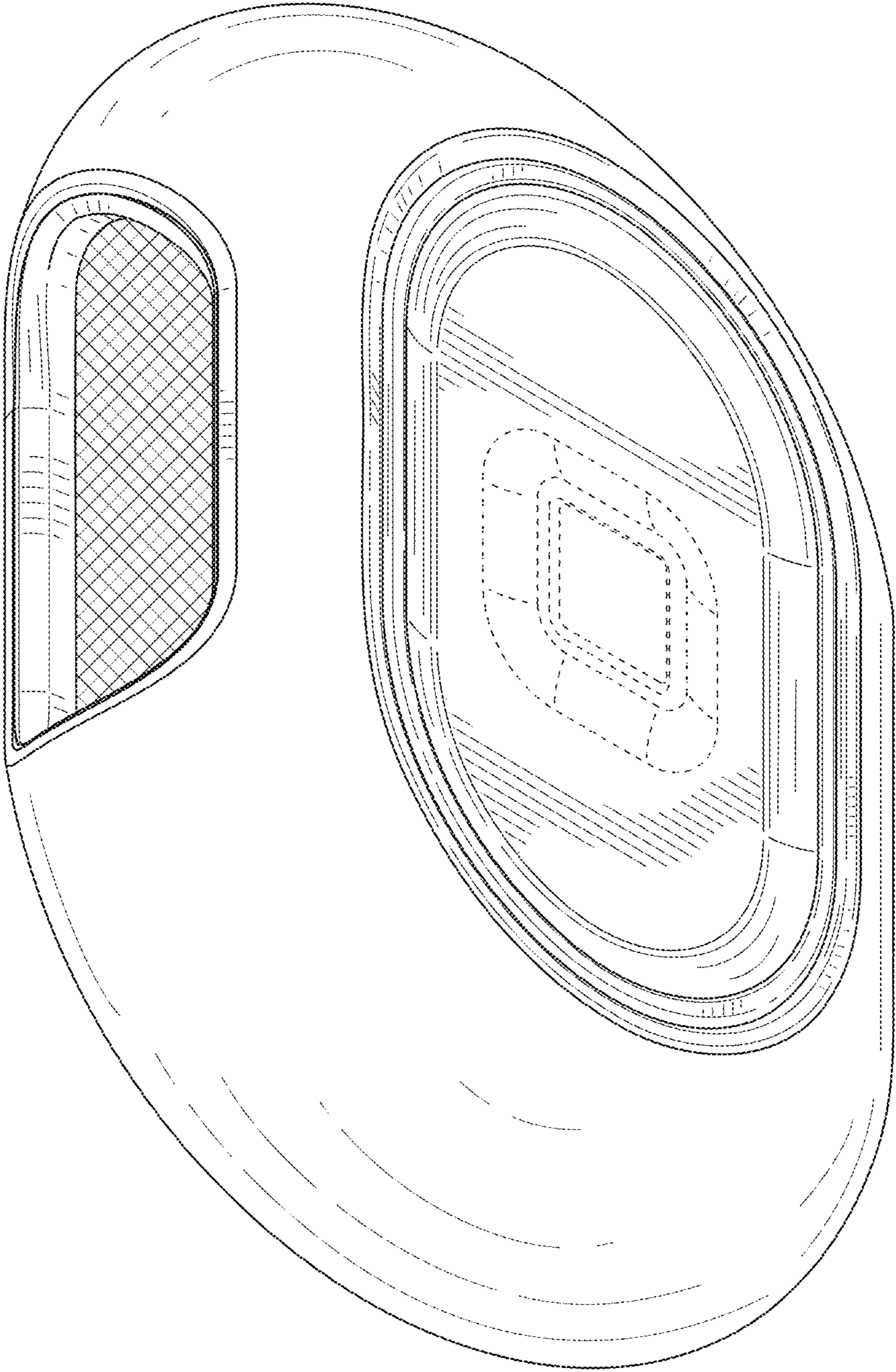


FIG. 1

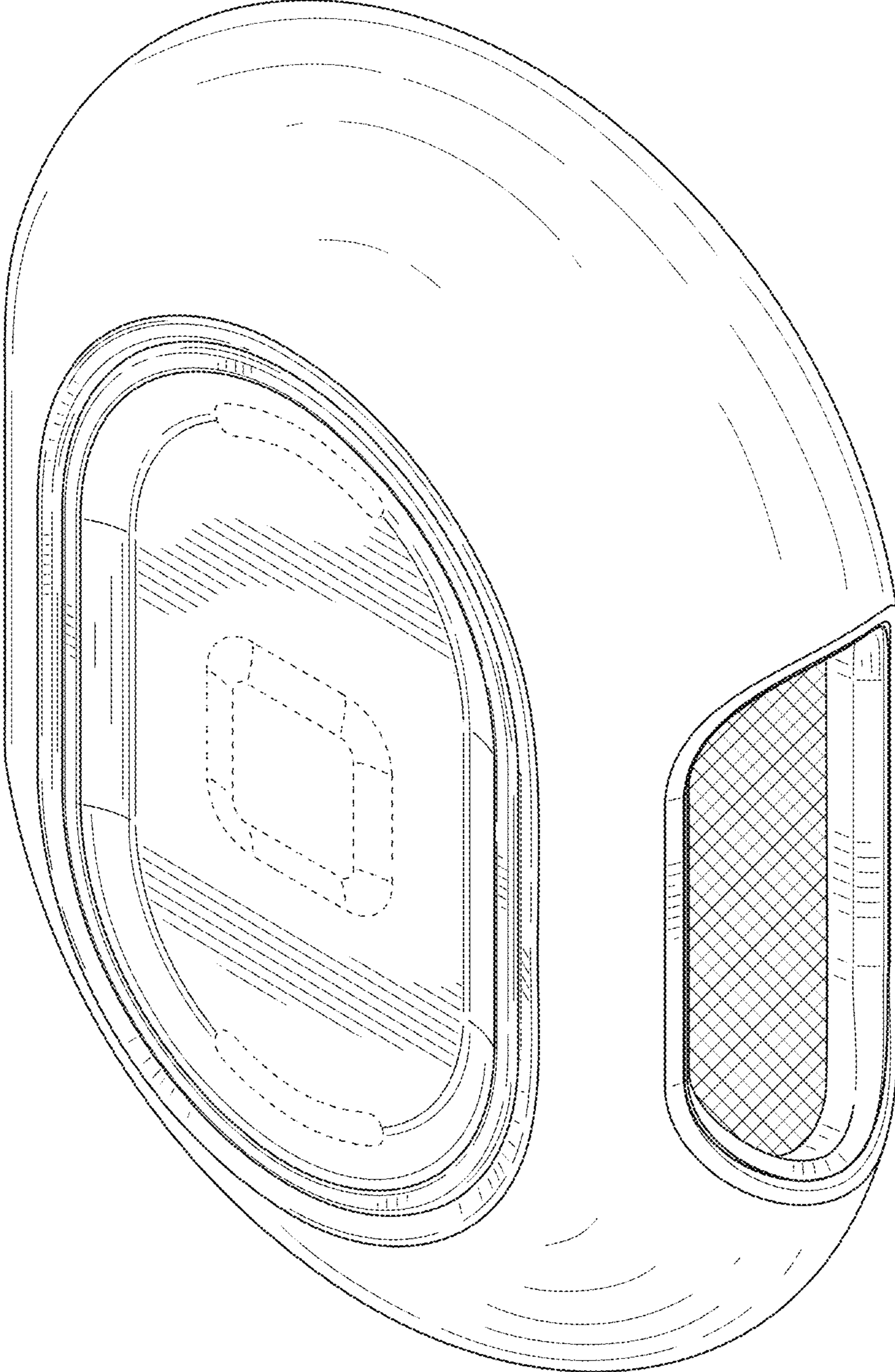


FIG. 2

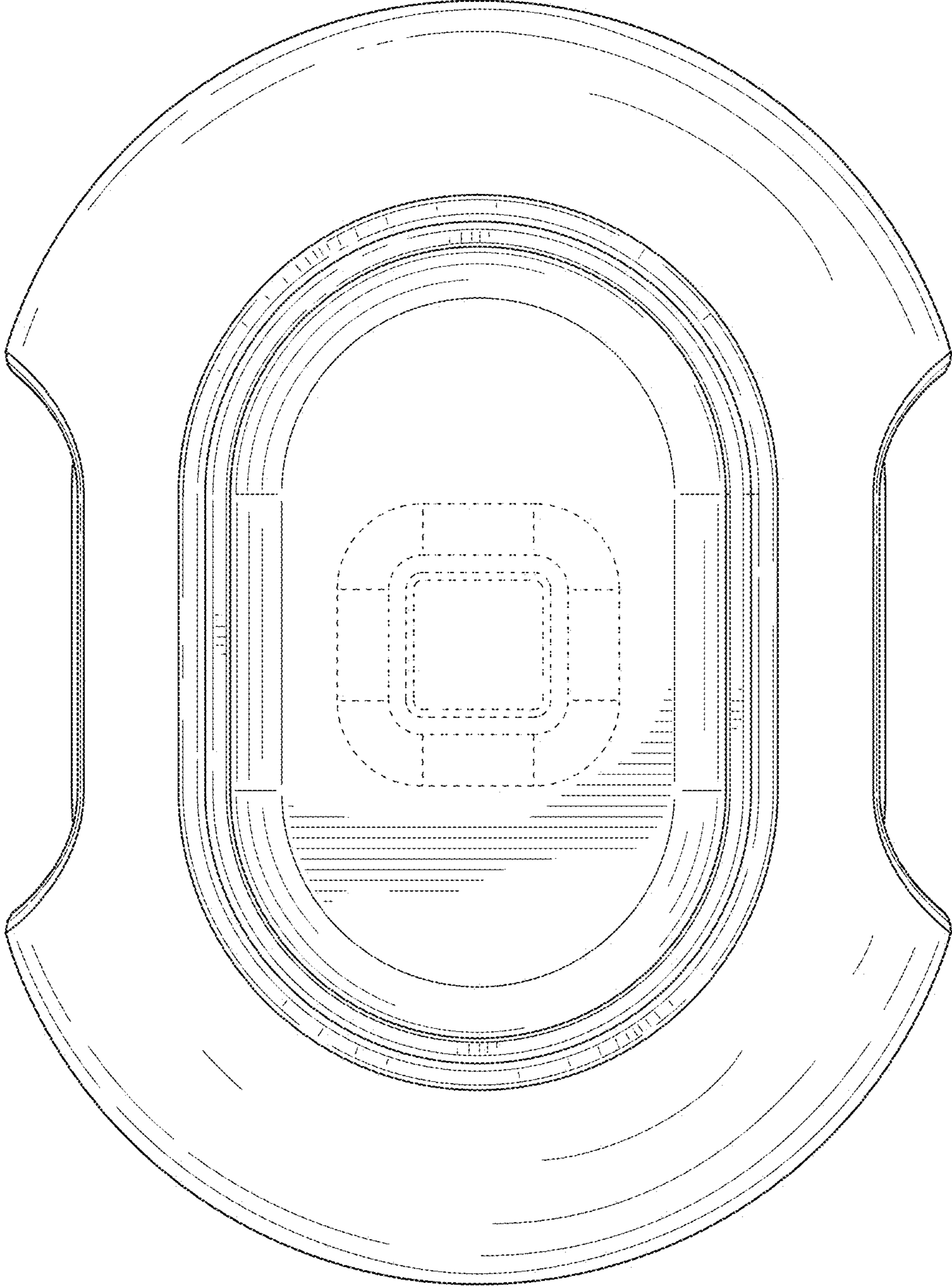


FIG. 3

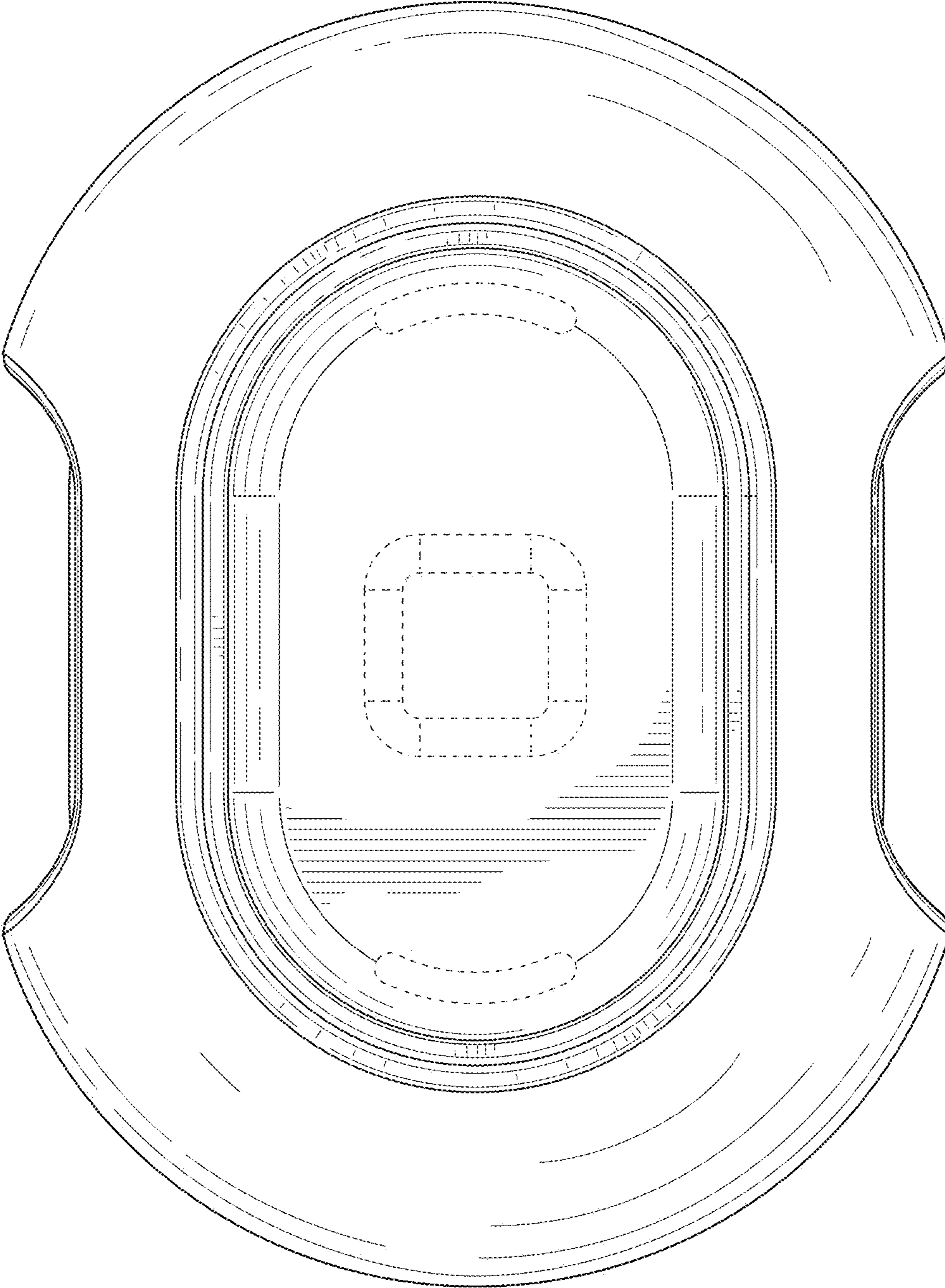


FIG. 4

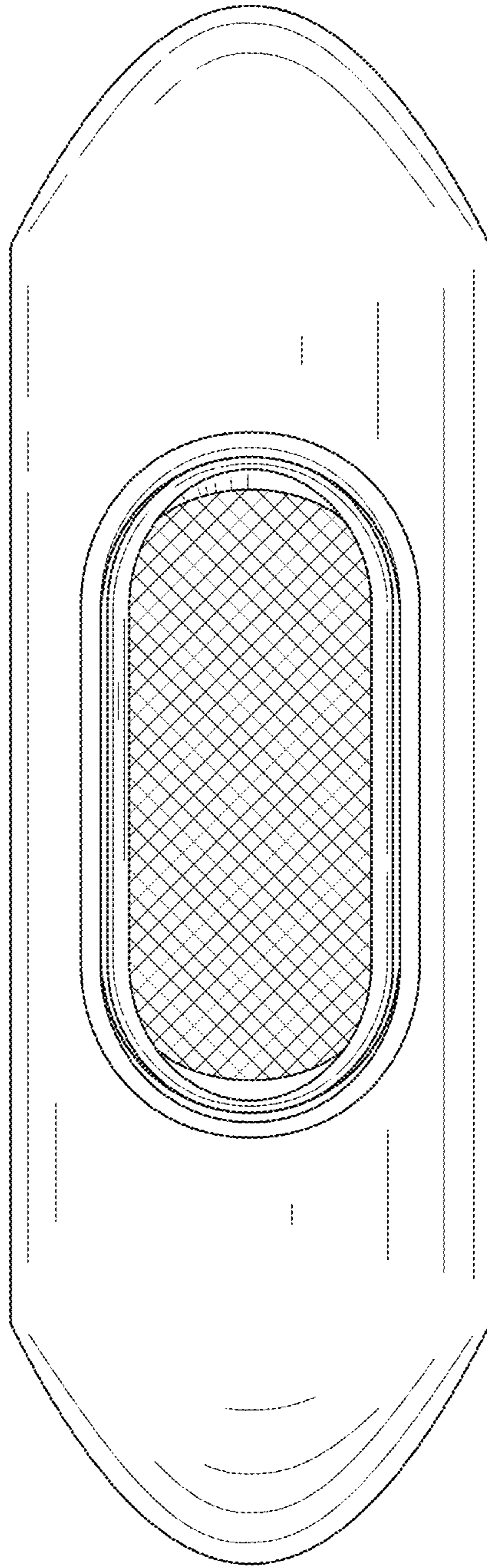


FIG. 5

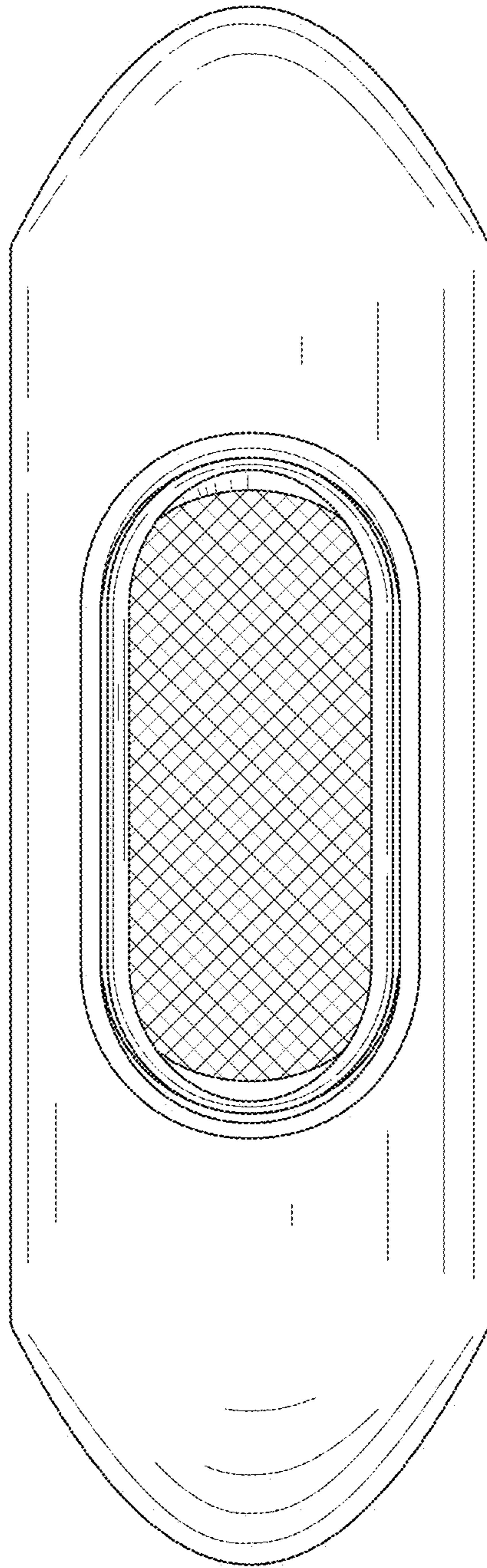


FIG. 6

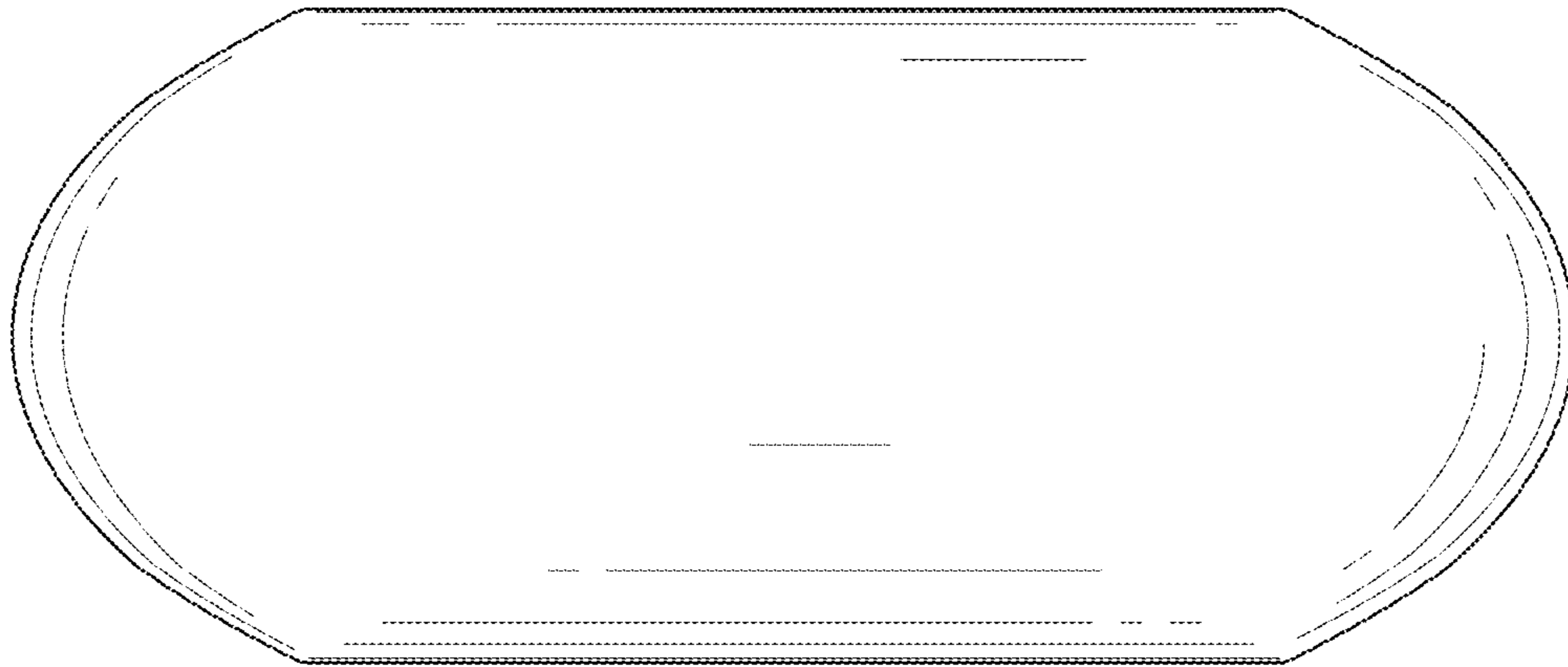


FIG. 7

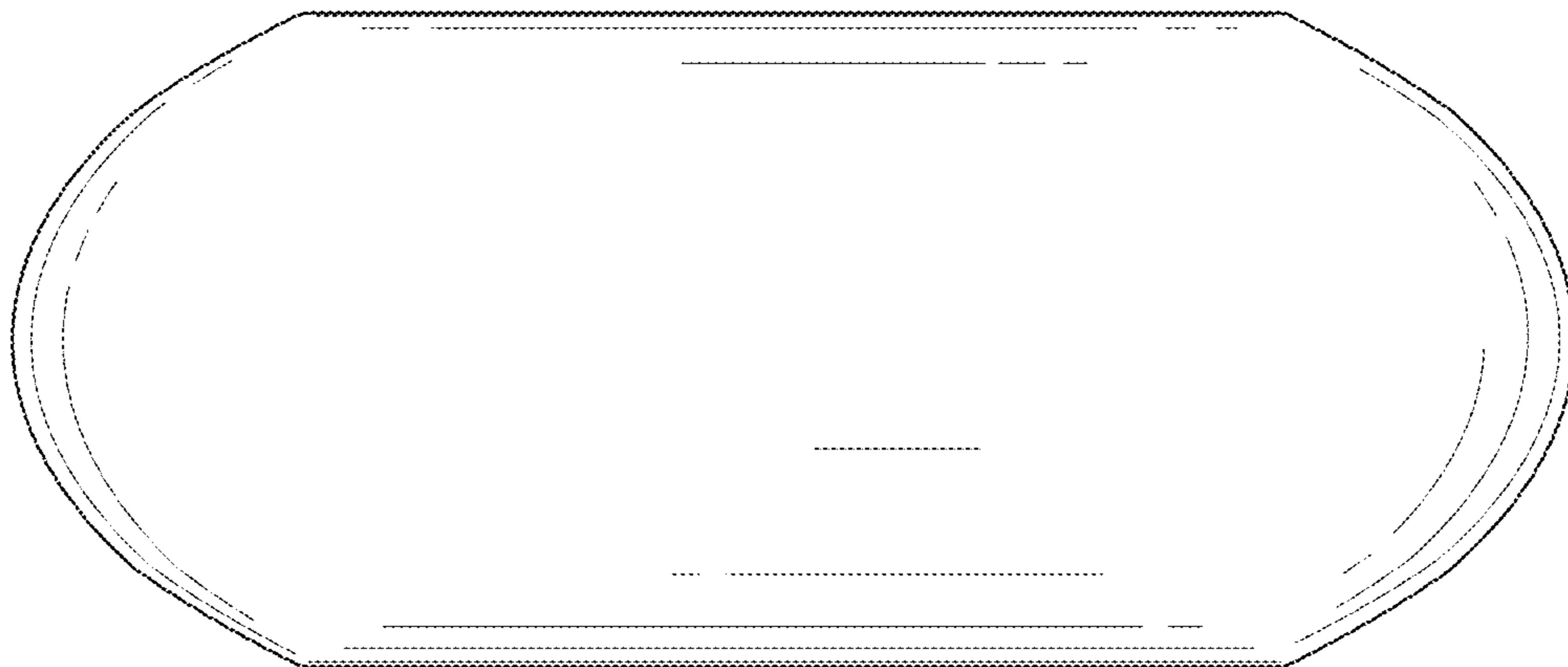


FIG. 8