



US00D952690S

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

(10) **Patent No.:** **US D952,690 S**

(45) **Date of Patent:** **** May 24, 2022**

(54) **TIRE INFLATOR**

(71) Applicant: **Ring Automotive Limited**, Leeds (GB)

(72) Inventor: **Alex Thompson**, Leeds (GB)

(73) Assignee: **Ring Automotive Limited**, Leeds (GB)

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

(21) Appl. No.: **29/726,652**

(22) Filed: **Mar. 4, 2020**

(30) **Foreign Application Priority Data**

Sep. 6, 2019 (EM) 006835617

(51) **LOC (13) Cl.** **15-02**

(52) **U.S. Cl.**
USPC **D15/7; D15/9**

(58) **Field of Classification Search**
USPC D15/7-9; D24/111, 108, 110; D13/103;
D23/210

CPC B29C 73/00; F04B 53/00; E03B 5/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D524,495 S *	7/2006	Ljunggren	.....	D32/21
D562,349 S *	2/2008	Bulter	.....	D15/9
D589,533 S *	3/2009	Anderson	.....	D15/8
D598,472 S *	8/2009	Anderson	.....	D15/7
D617,344 S *	6/2010	Wang	.....	D15/8
D635,587 S *	4/2011	Schleef	.....	D15/7
D641,764 S *	7/2011	Lipscomb	.....	D15/7
D662,950 S *	7/2012	Lu	.....	D15/9

D687,074 S *	7/2013	Barack	.....	D15/7
D696,393 S *	12/2013	Lu	.....	D24/110
D745,137 S *	12/2015	Pipe	.....	D24/108
D838,747 S *	1/2019	Gan	.....	D15/7
D879,155 S *	3/2020	Liu	.....	D15/7
D920,384 S *	5/2021	Chen	.....	D15/7
D926,398 S *	7/2021	Kim	.....	D32/21
D930,298 S *	9/2021	Lee	.....	D32/21

OTHER PUBLICATIONS

Screwfix, "Ring RTC1000 Rapid Digital Tyre Inflator 12V", (posted Jan. 7, 2019), YouTube.com, URL:<<https://www.youtube.com/watch?v=dgmpWHnAOuU>> (Year: 2019).*

* cited by examiner

Primary Examiner — Calvin E Vansant

Assistant Examiner — Mark T. Philipps

(74) *Attorney, Agent, or Firm* — Stites & Harbison
PLLC; Sean P. Ritchie

(57) **CLAIM**

The ornamental design for a tire inflator, as shown and described.

DESCRIPTION

FIG. 1 is a top view of the tire inflator, in accordance with the present design.

FIG. 2 is a bottom view thereof.

FIG. 3 is a left side perspective view thereof.

FIG. 4 is a right side perspective view thereof.

FIG. 5 is a front view thereof.

FIG. 6 is a rear view thereof; and,

FIG. 7 is a top and side perspective view thereof.

In the drawings, the broken lines show portions of the tire inflator that form no part of the claimed design.

1 Claim, 5 Drawing Sheets

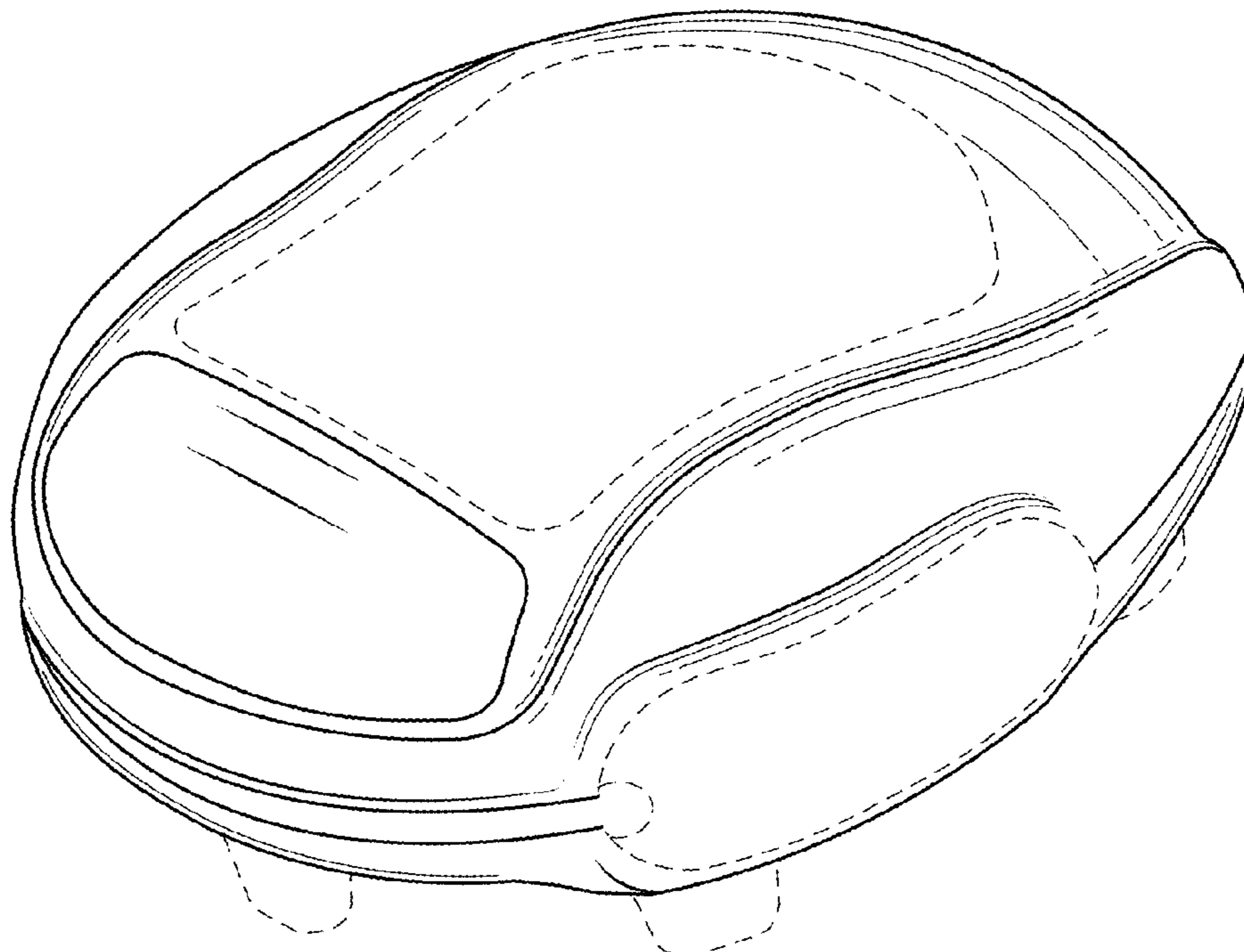


FIG. 1

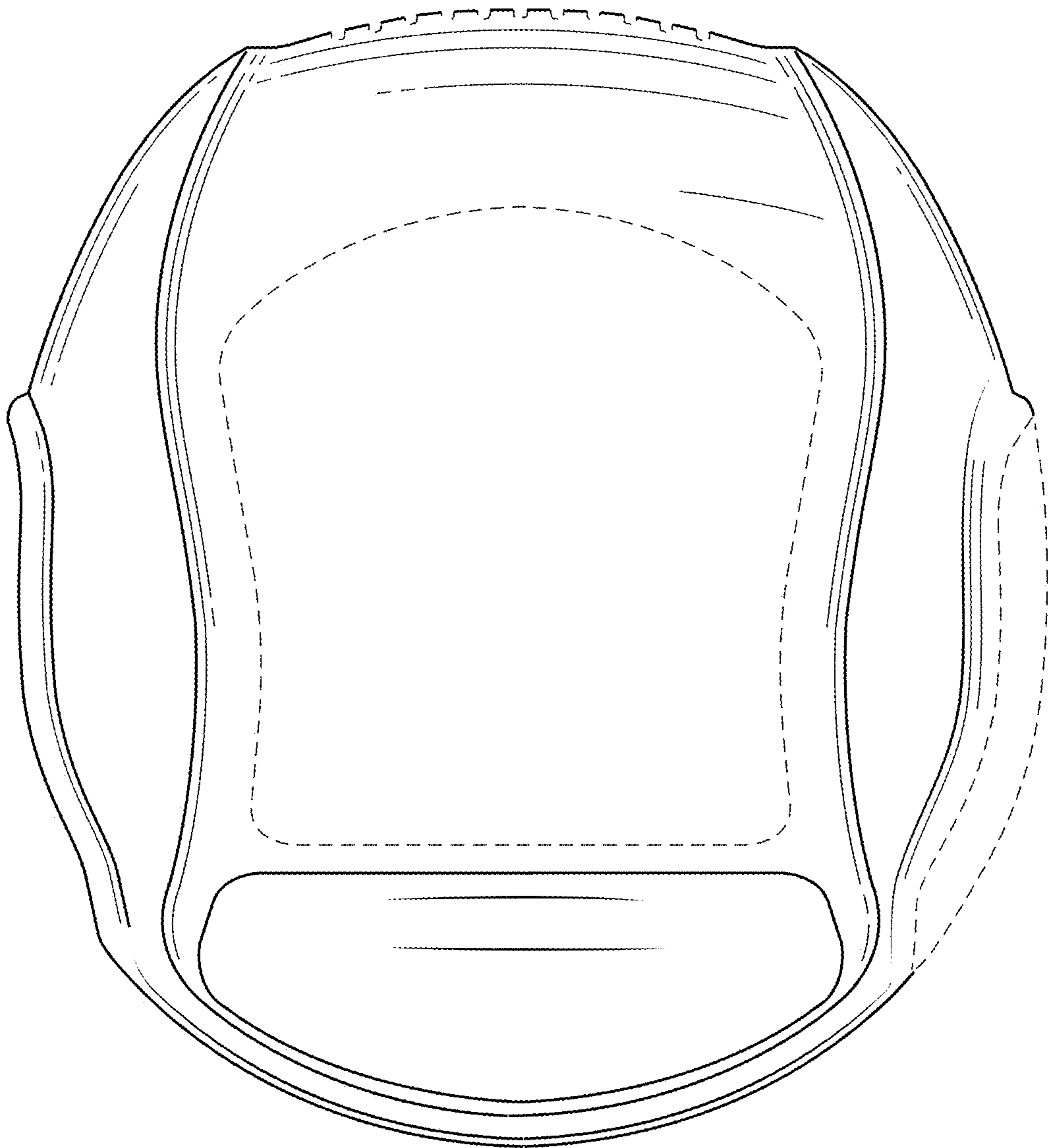


FIG. 2

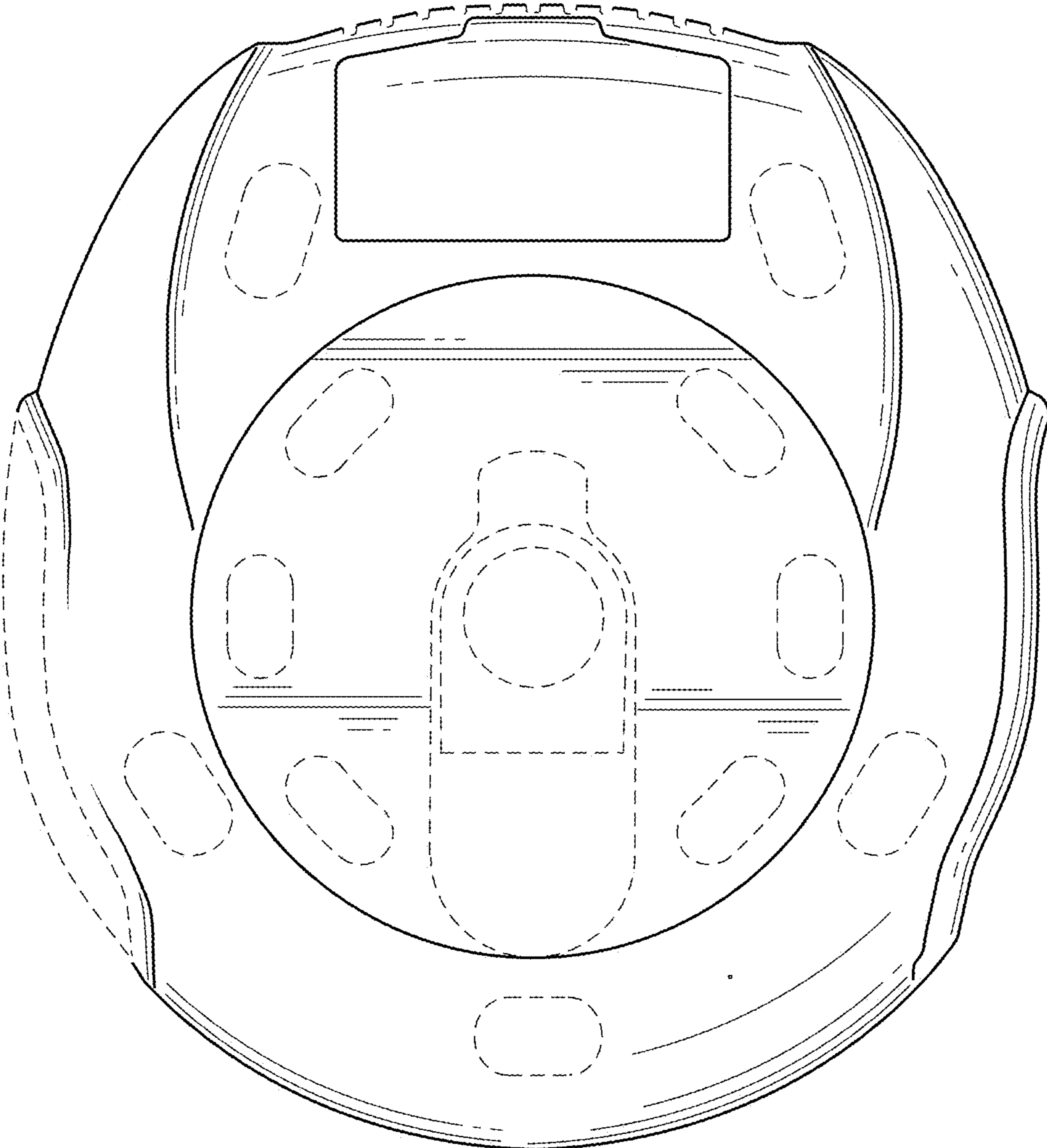


FIG. 3

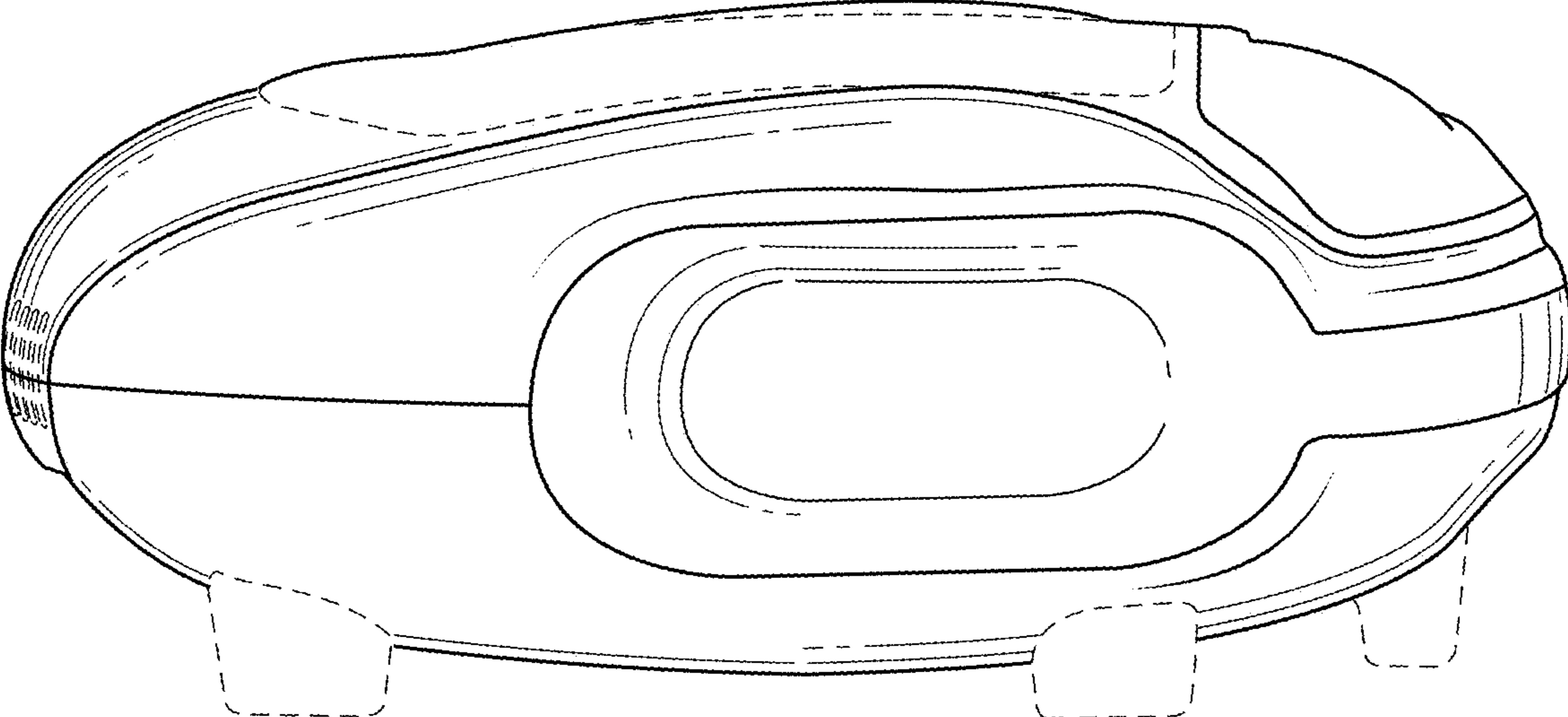


FIG. 4

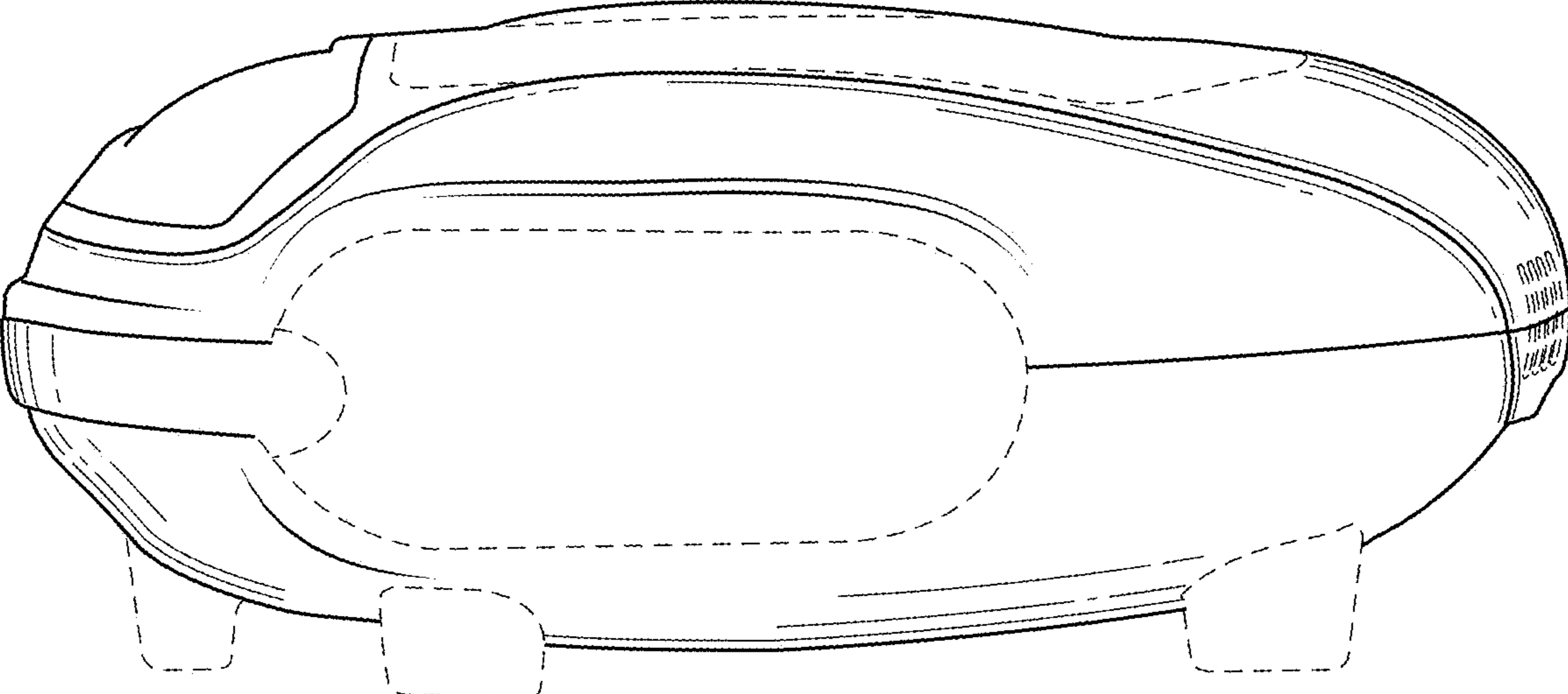


FIG. 5

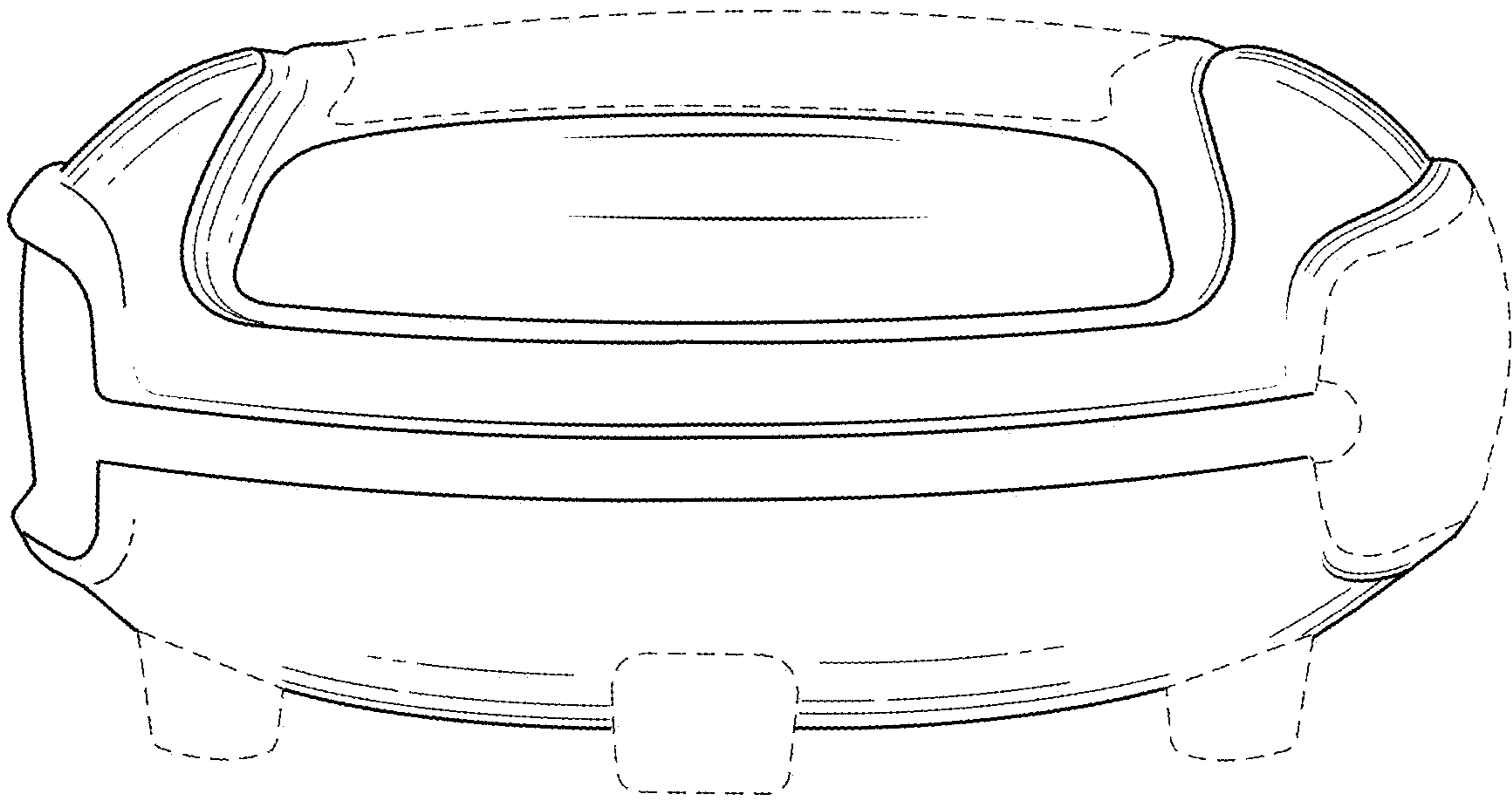


FIG. 6

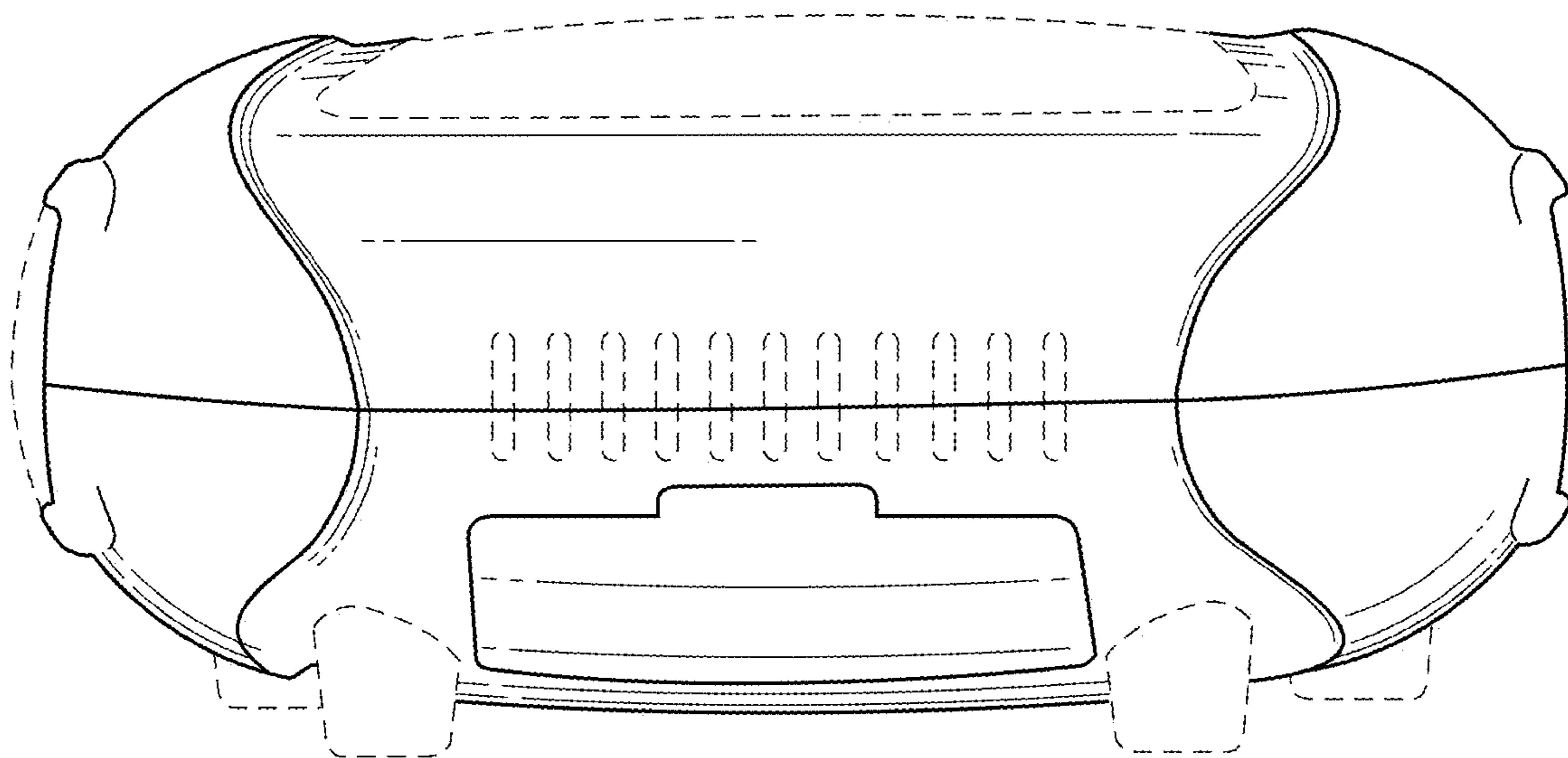


FIG. 7

