

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

(10) **Patent No.:** **US D1,071,110 S**

(45) **Date of Patent:** **** Apr. 15, 2025**

(54) **TOILET SENSOR**

(71) Applicant: **TIDI Products, LLC**, Neenah, WI (US)

(72) Inventor: **Andrew VanDeWeghe**, Grayslake, IL (US)

(73) Assignee: **TIDI Products, LLC**, Neenah, WI (US)

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

(21) Appl. No.: **29/925,486**

(22) Filed: **Jan. 24, 2024**

D404,477 S 1/1999 Asuncion

5,945,914 A 8/1999 Holmes et al.

6,279,180 B1 8/2001 Bell et al.

D540,449 S 4/2007 Stevenson et al.

7,437,781 B2 10/2008 Rigas

D620,578 S 7/2010 Russell, II et al.

7,797,767 B2 9/2010 Benkhardt et al.

9,603,496 B1 3/2017 Hartman

D814,089 S 3/2018 Exley

11,141,030 B2 10/2021 Newham

2007/0022522 A1 2/2007 Zhiying

2010/0083430 A1 4/2010 Chen

2019/0350418 A1 11/2019 Yang

2020/0029907 A1 1/2020 Kobayashi

2023/0172405 A1 6/2023 Yao et al.

2024/0285133 A1* 8/2024 Muraoka A47K 13/10

* cited by examiner

Related U.S. Application Data

(62) Division of application No. 29/839,121, filed on May 18, 2022, now Pat. No. Des. 1,018,805.

(51) **LOC (15) Cl.** **23-02**

(52) **U.S. Cl.**
USPC **D23/311**

(58) **Field of Classification Search**
USPC D23/296, 299, 311
CPC A47K 13/06; A47K 13/005; A47K 13/00;
A47K 13/02; A47K 13/24; Y10S 4/06
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS

3,601,822 A 8/1971 Weiss

4,736,471 A 4/1988 Johnson

5,136,731 A 8/1992 Caro et al.

5,689,842 A 11/1997 Delaney et al.

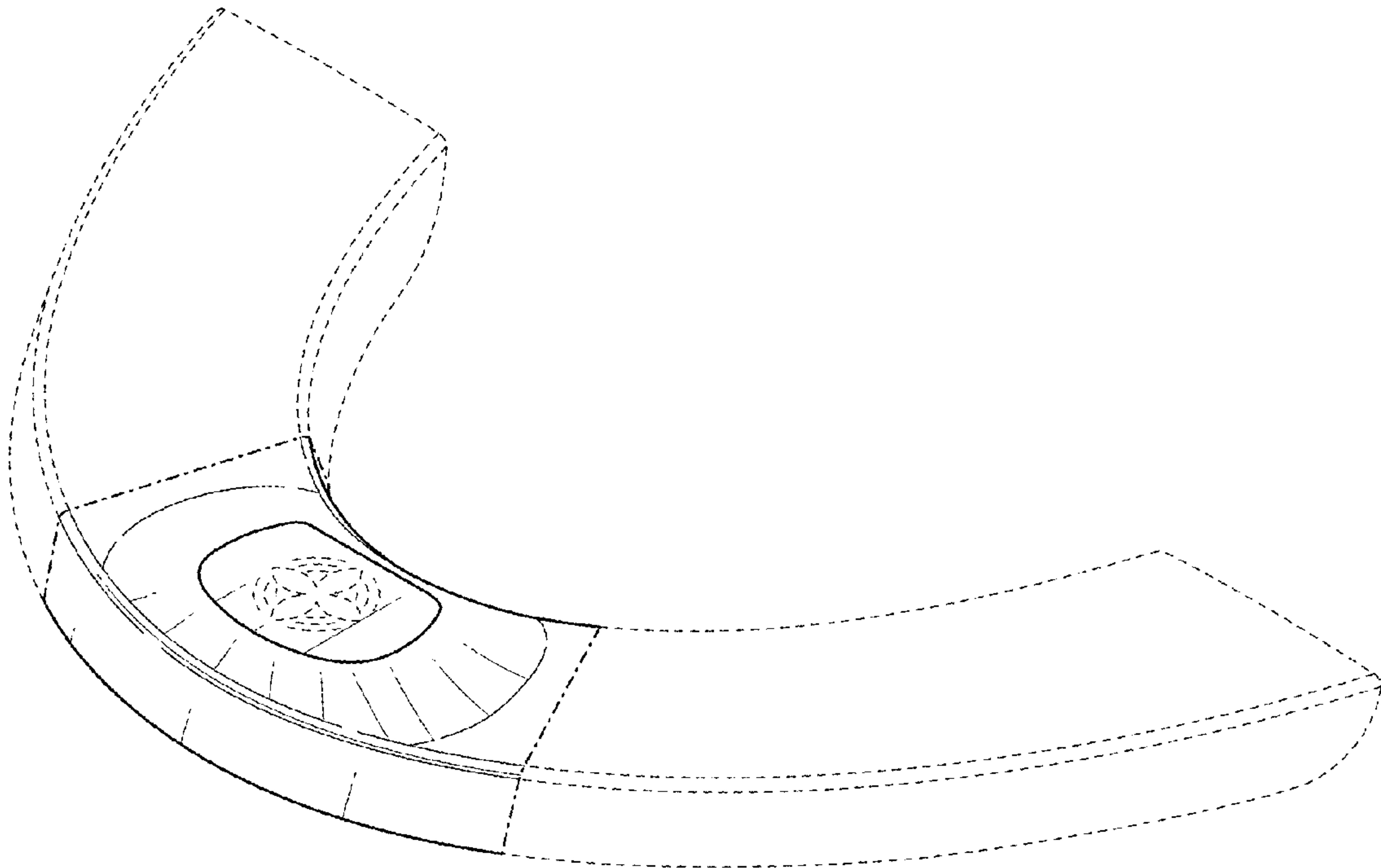
Primary Examiner — Robert A Delehanty

(74) *Attorney, Agent, or Firm* — Amundsen Davis, LLC

(57) **CLAIM**
The ornamental design for a toilet sensor, as shown and described.

DESCRIPTION
FIG. 1 is a perspective view of a toilet sensor showing the claimed design;
FIG. 2 is a top view of that seen in FIG. 1;
FIG. 3 is a bottom view of that seen in FIG. 1;
FIG. 4 is a left side view of that seen in FIG. 1;
FIG. 5 is a right side view of that seen in FIG. 1;
FIG. 6 is a front view of that seen in FIG. 1; and,
FIG. 7 is a back view of that seen in FIG. 1.
In the drawings, the broken lines depict portions of the toilet sensor that form no part of the claimed design.

1 Claim, 3 Drawing Sheets



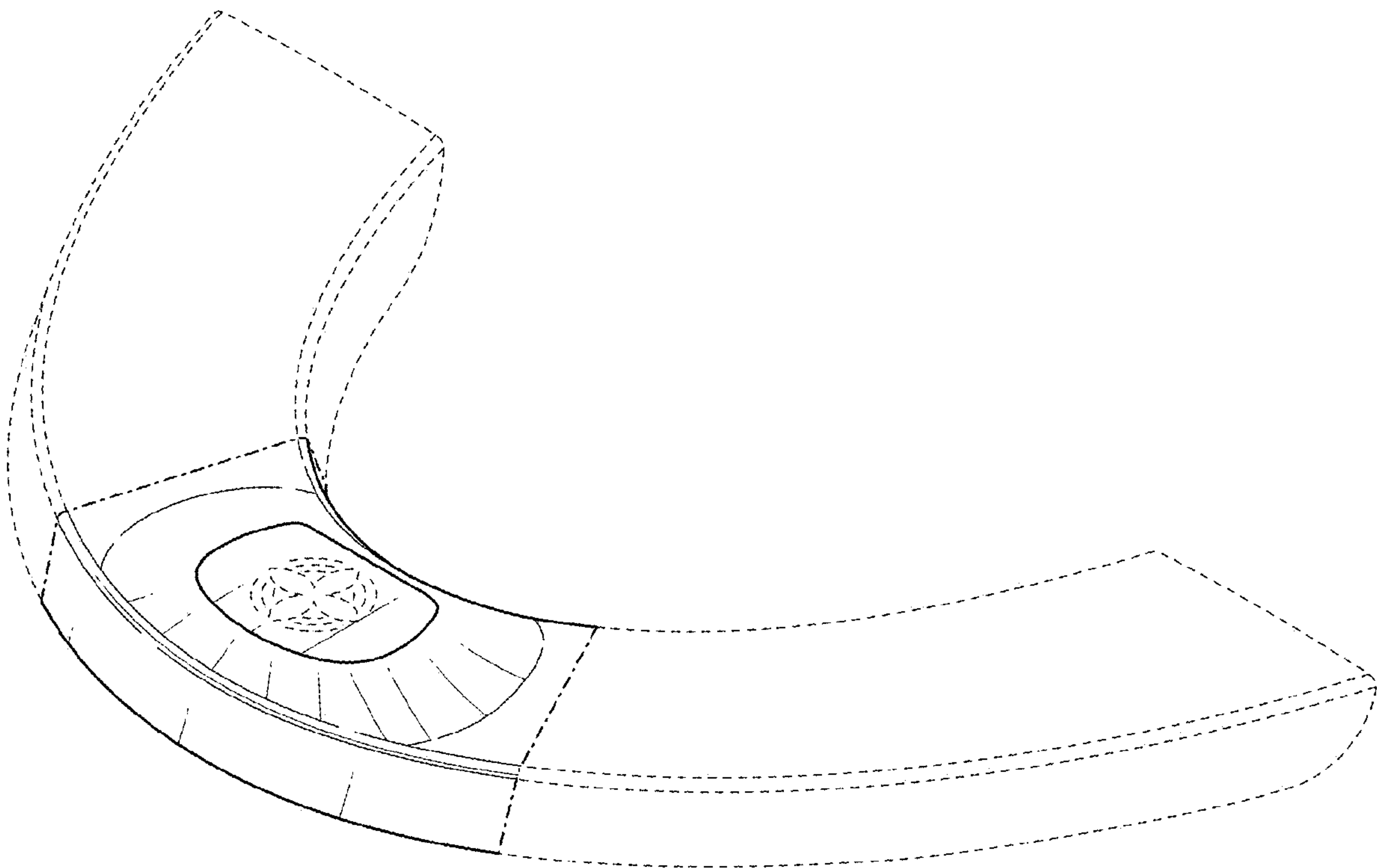


FIG. 1

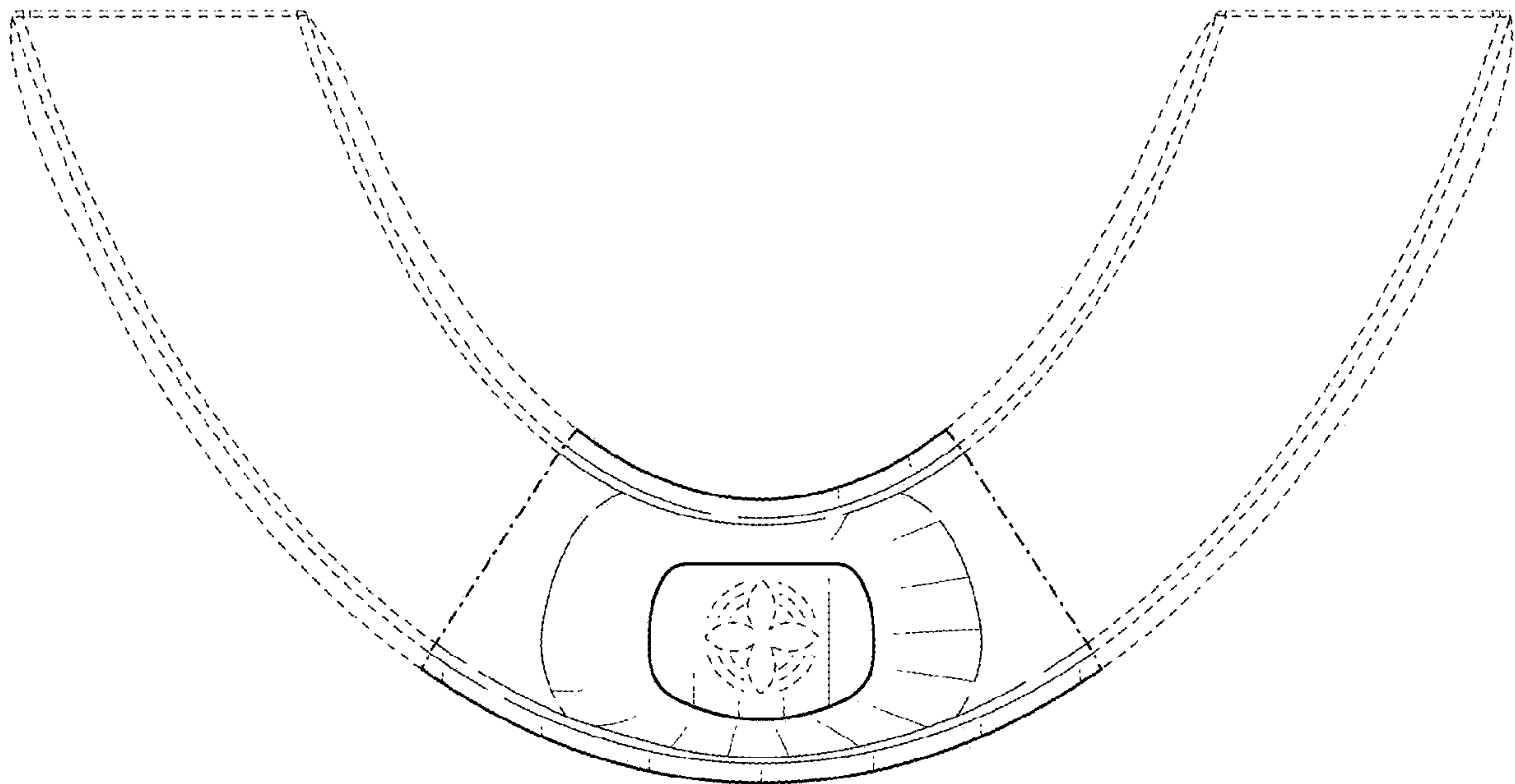


FIG. 2

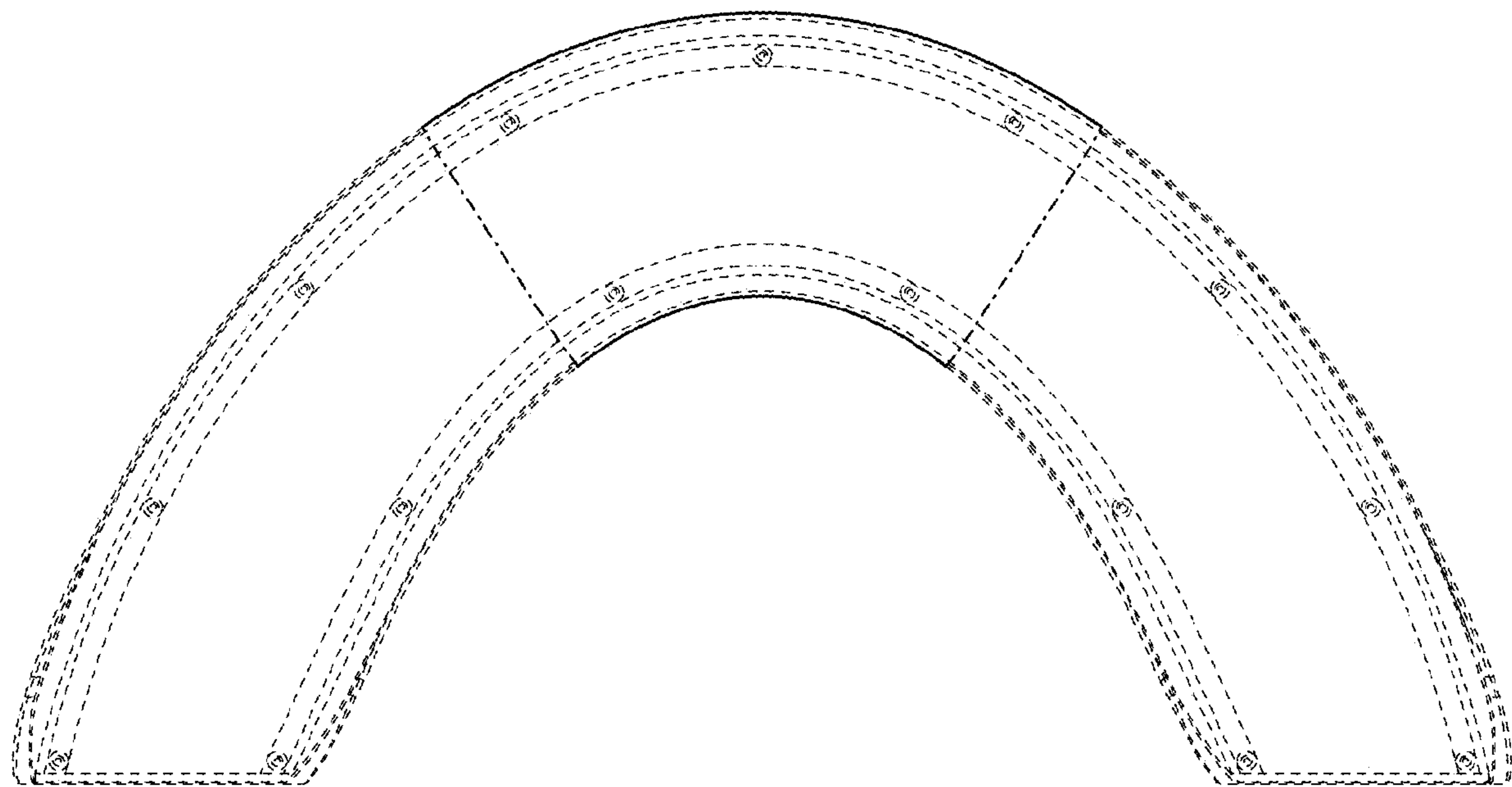


FIG. 3

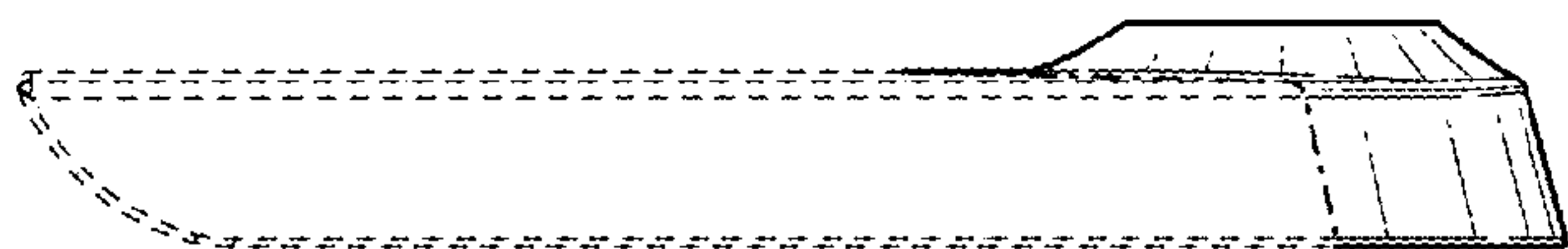


FIG. 4

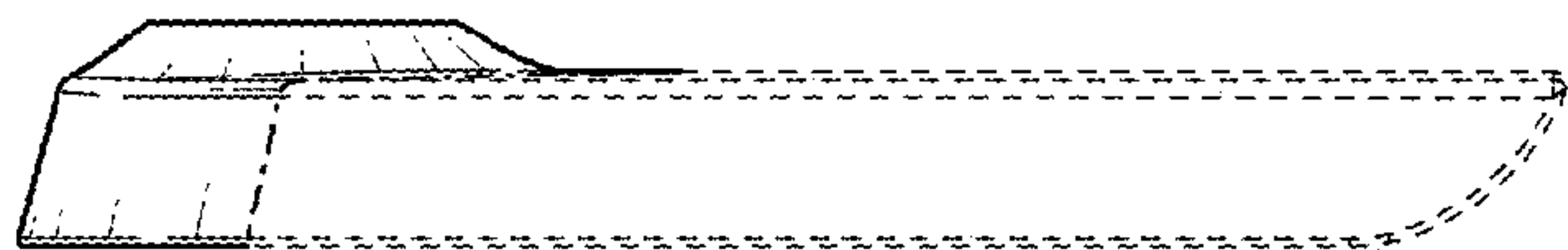


FIG. 5

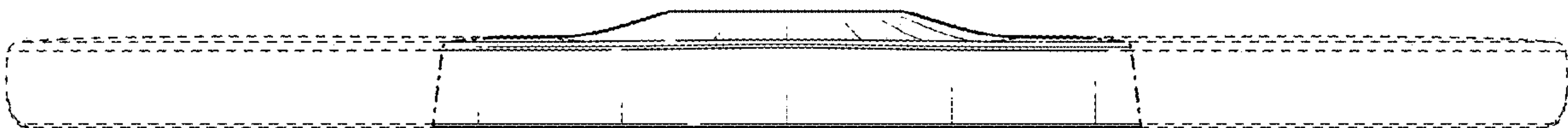


FIG. 6

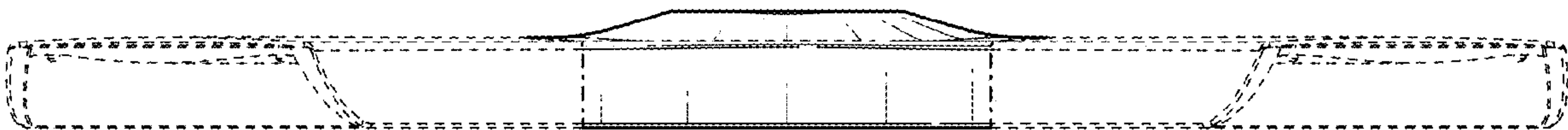


FIG. 7