



US00D935039S

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

(10) **Patent No.:** **US D935,039 S**

(45) **Date of Patent:** **** *Nov. 2, 2021**

(54) **HAND WARMER**

(71) Applicant: **Shenzhen Chinaunion Technology Co., Ltd.**, Shenzhen (CN)

(72) Inventor: **Xueping Zhu**, Rucheng (CN)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/703,370**

(22) Filed: **Aug. 27, 2019**

(30) **Foreign Application Priority Data**

Jun. 11, 2019 (CN) 201930299214.7

(51) **LOC (13) Cl.** **24-04**

(52) **U.S. Cl.**
USPC **D24/206**

(58) **Field of Classification Search**
USPC D24/206-208, 200; D29/113; 601/15, 601/40, 64; 602/2, 7, 27
CPC .. A61F 7/00; A61F 7/007; A61F 7/034; A61F 7/0085; A61F 2007/0036; A61F 2007/0085; A61F 2007/0087; A61F 2007/0001
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D263,416 S * 3/1982 Saire D24/206
D698,931 S * 2/2014 Wang D24/206

D762,308 S * 7/2016 Wang D24/206
D858,785 S * 9/2019 Barber D24/206
D878,617 S * 3/2020 Zhu D24/206
2008/0053979 A1* 3/2008 Toya A61F 7/007
219/201

FOREIGN PATENT DOCUMENTS

KR 301050802.0000 * 1/2019

* cited by examiner

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — HYIP

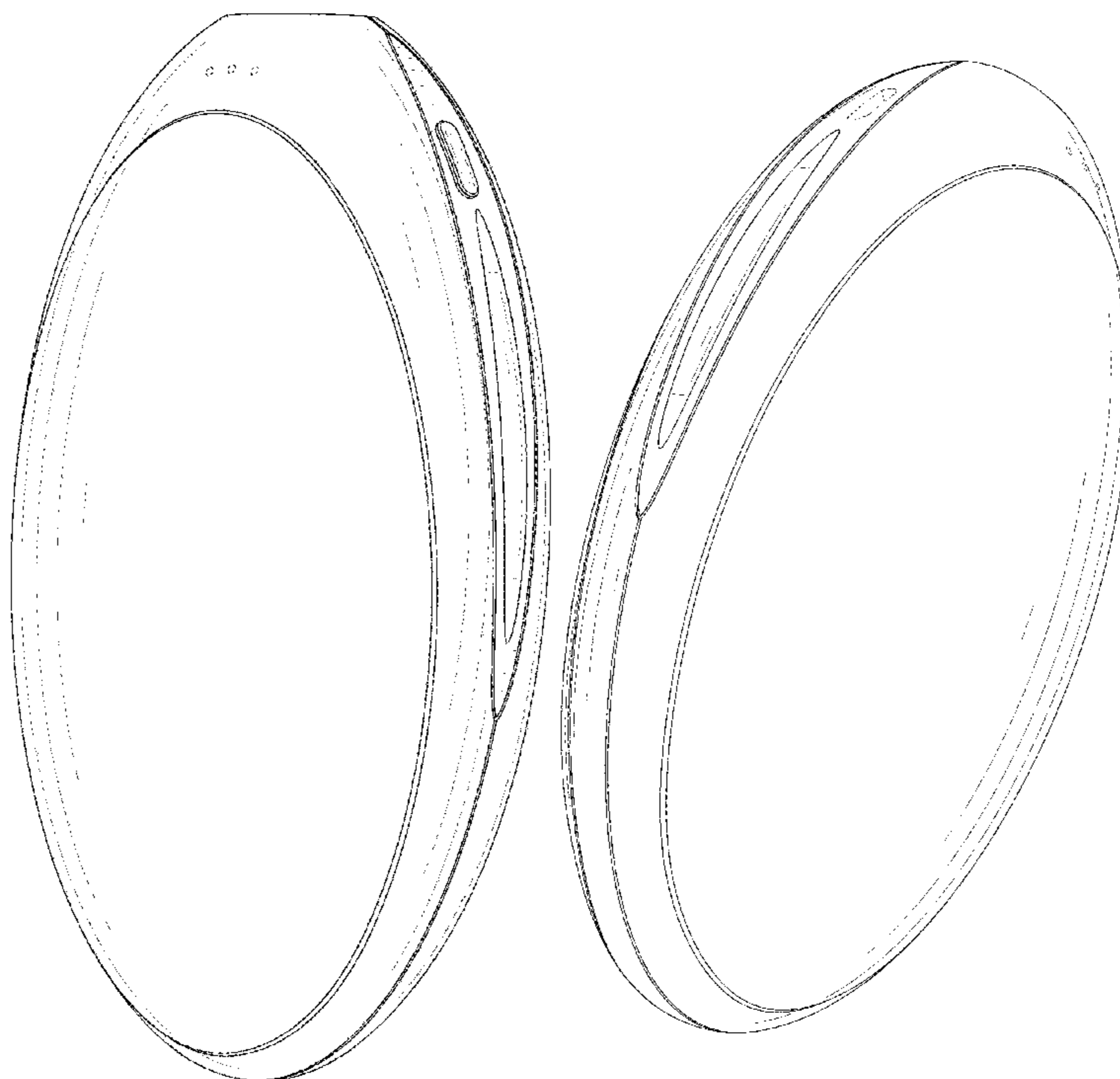
(57) **CLAIM**

The ornamental design for a hand warmer, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a hand warmer showing my design; FIG. 2 is a back view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a right side view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a front left perspective view thereof; and, FIG. 8 is a front right perspective view thereof. The broken lines shown in the drawings depict portions of the hand warmer in which the design is embodied that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



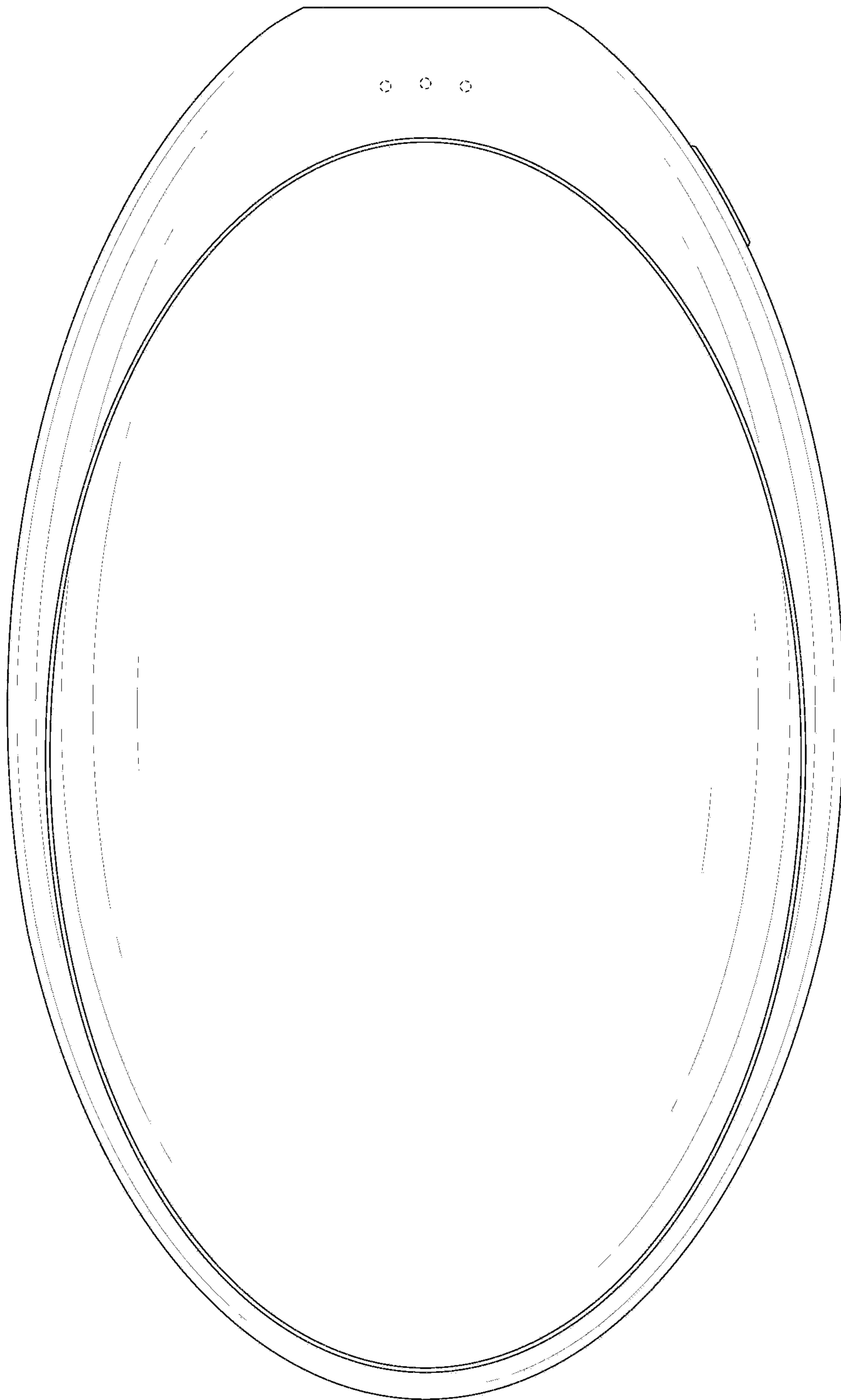


FIG. 1

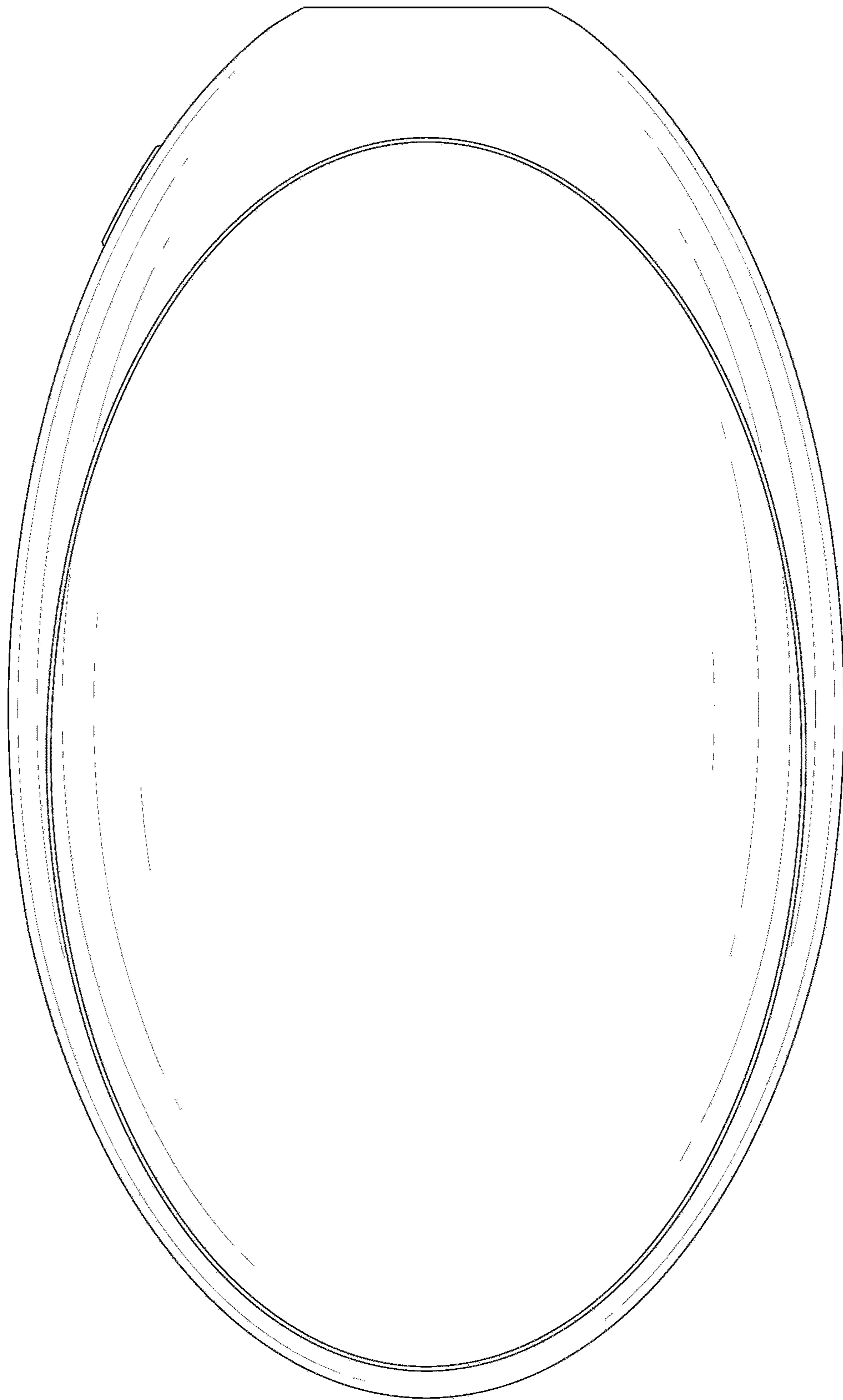


FIG. 2

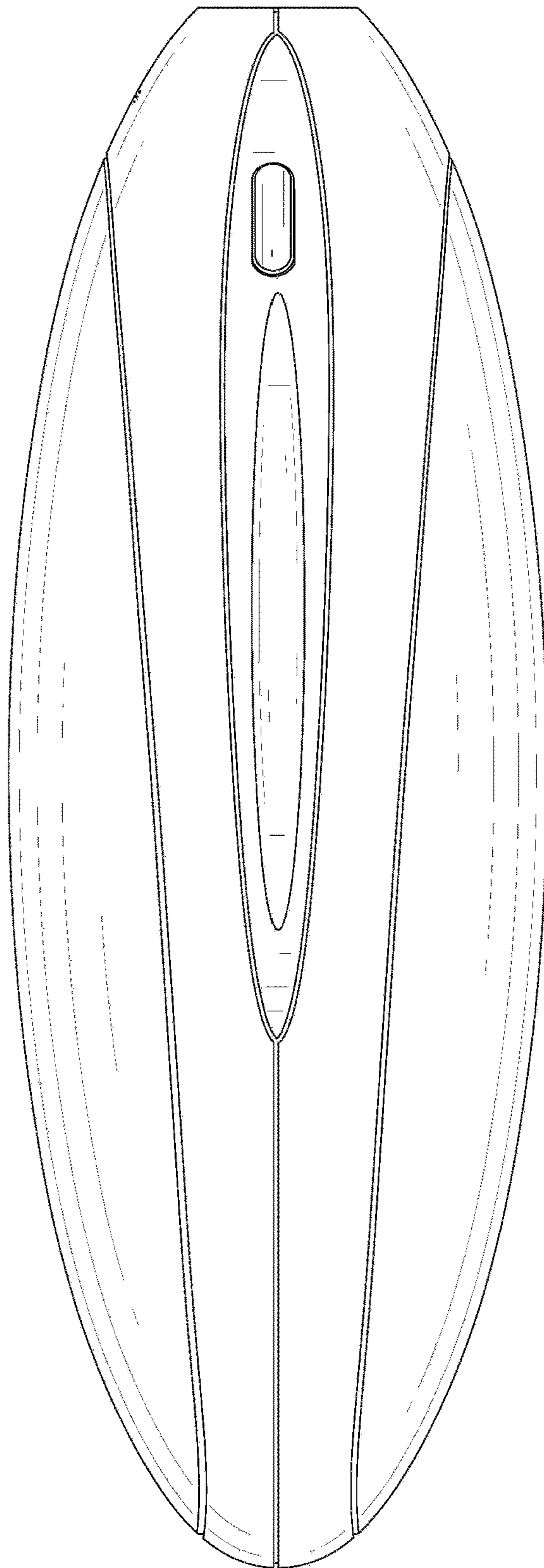


FIG. 3

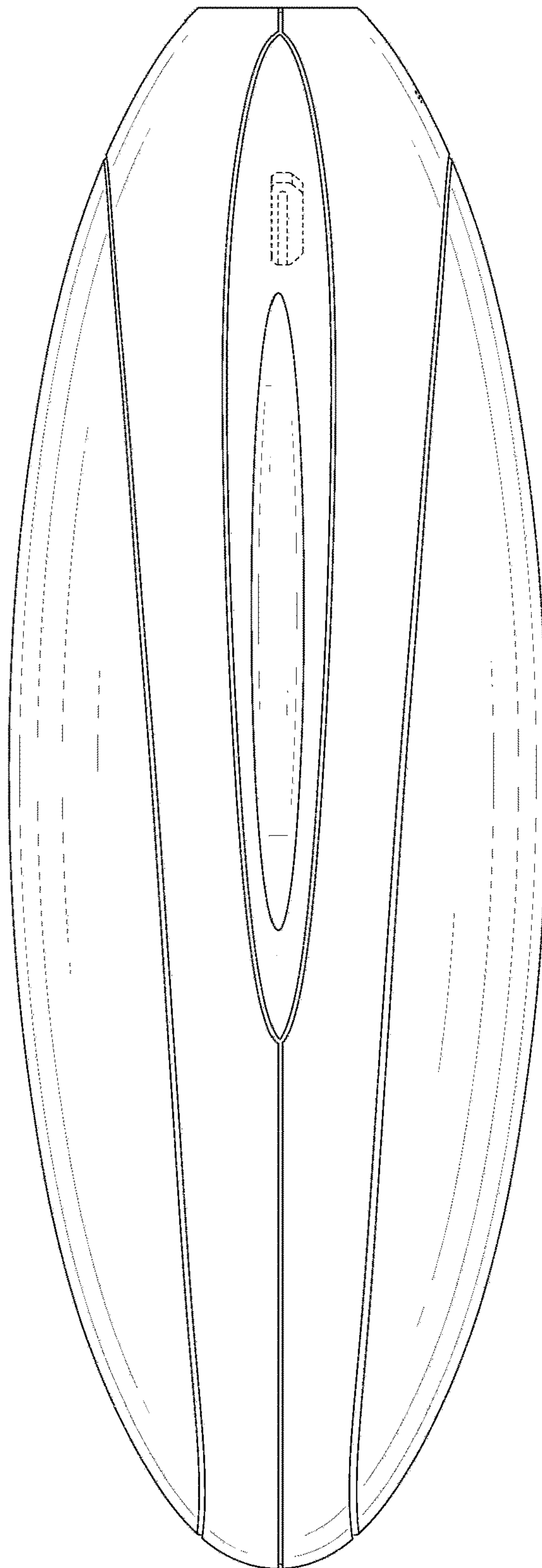


FIG. 4

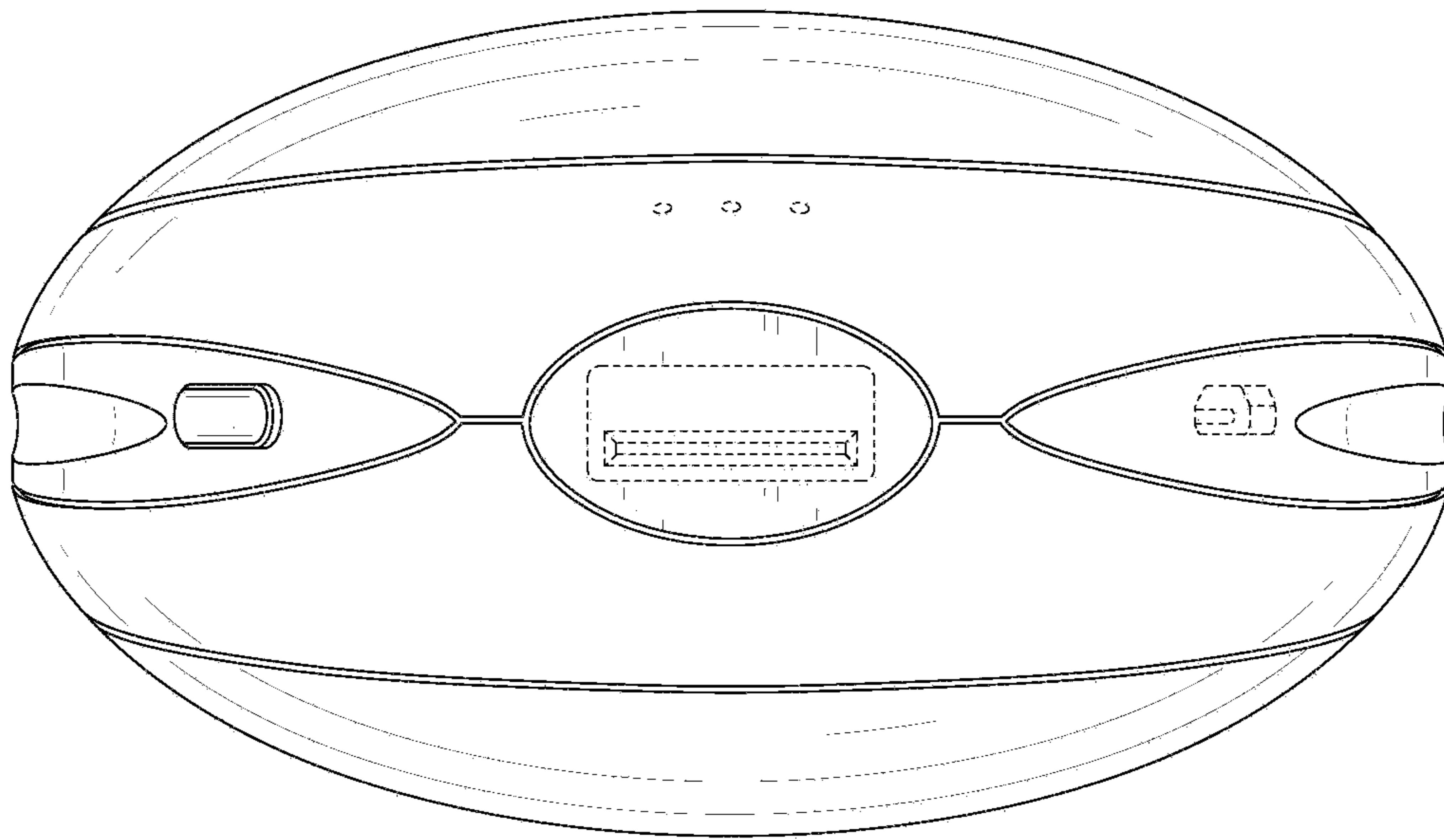


FIG. 5

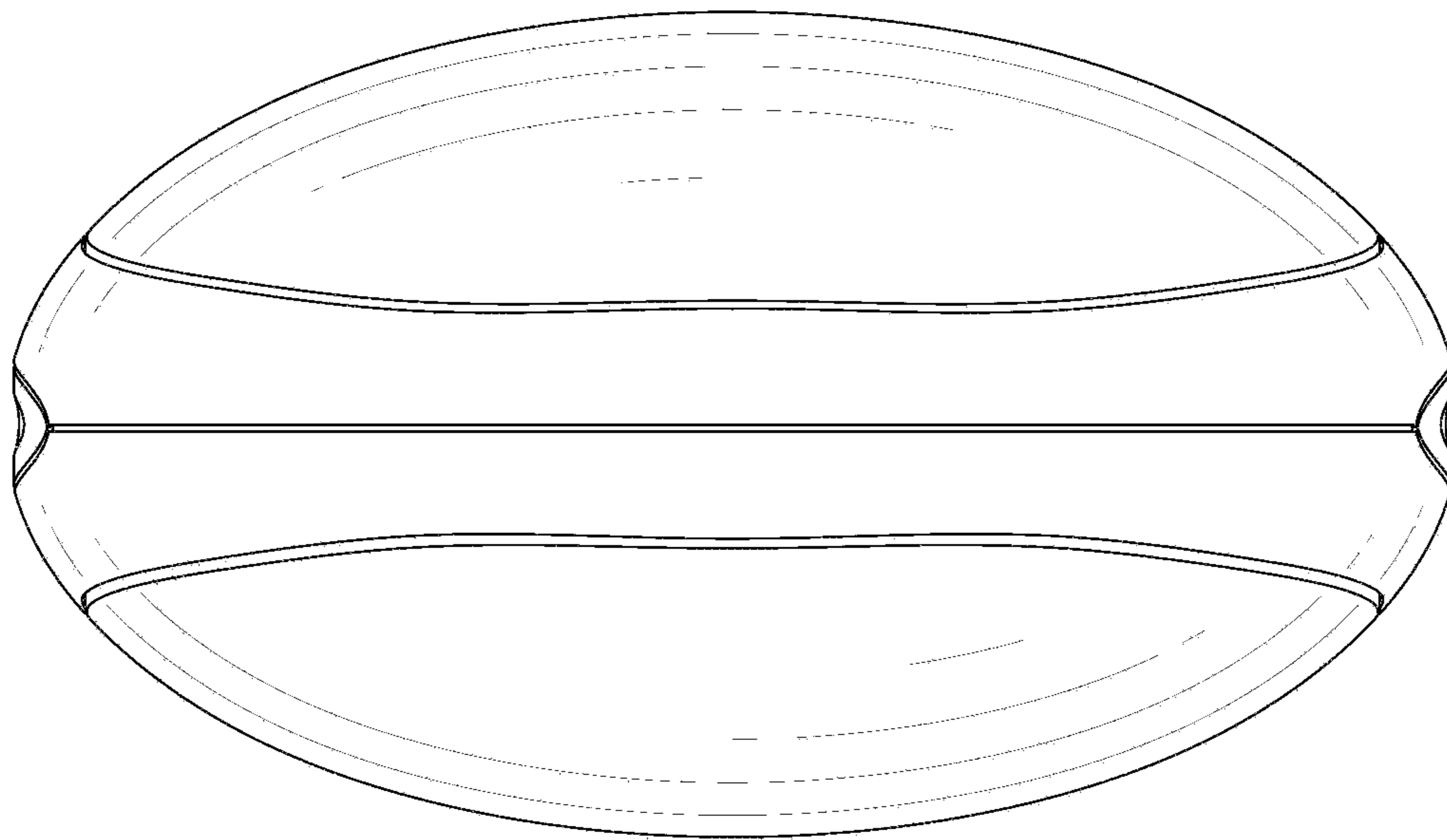


FIG. 6

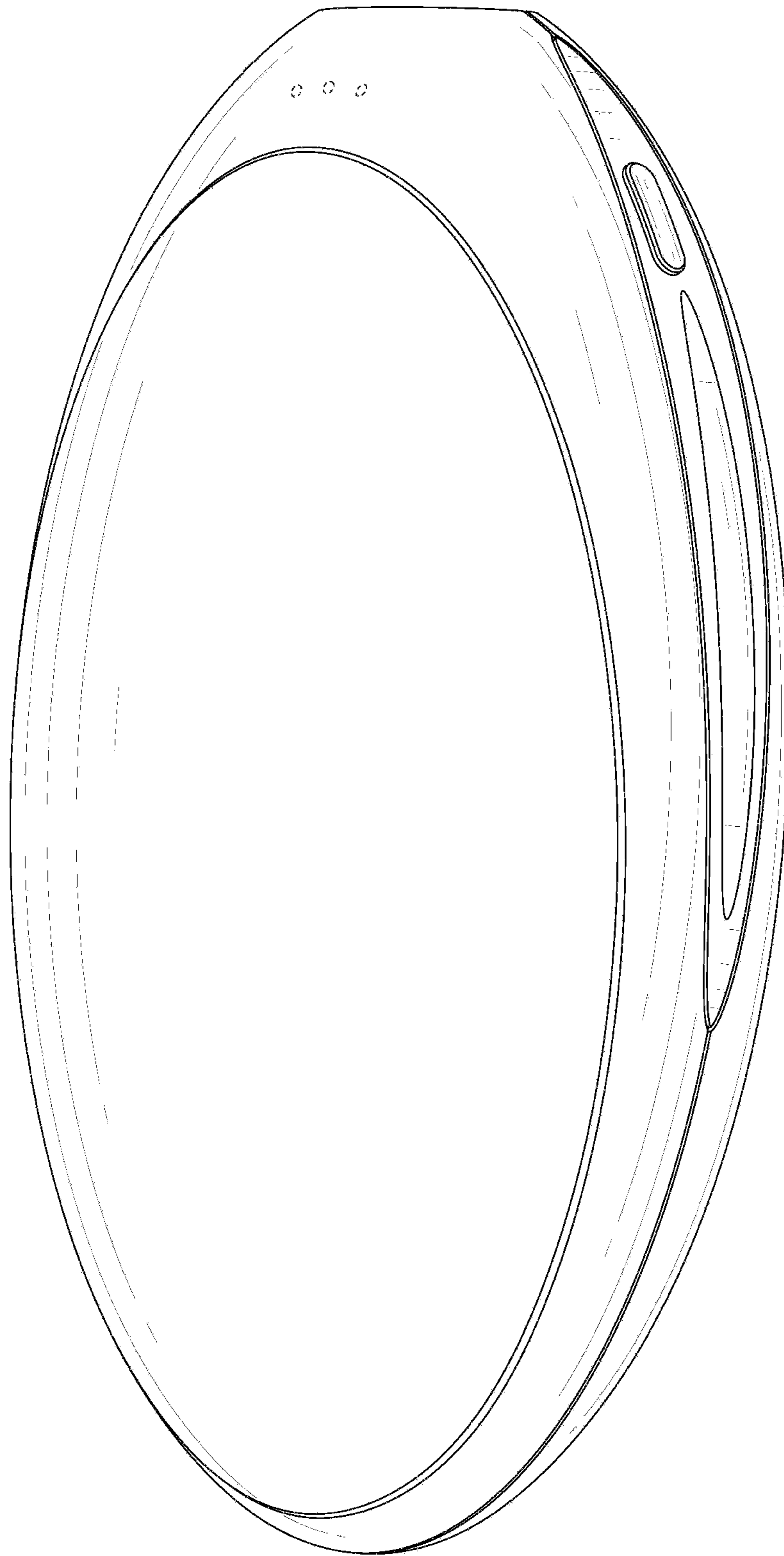


FIG. 7

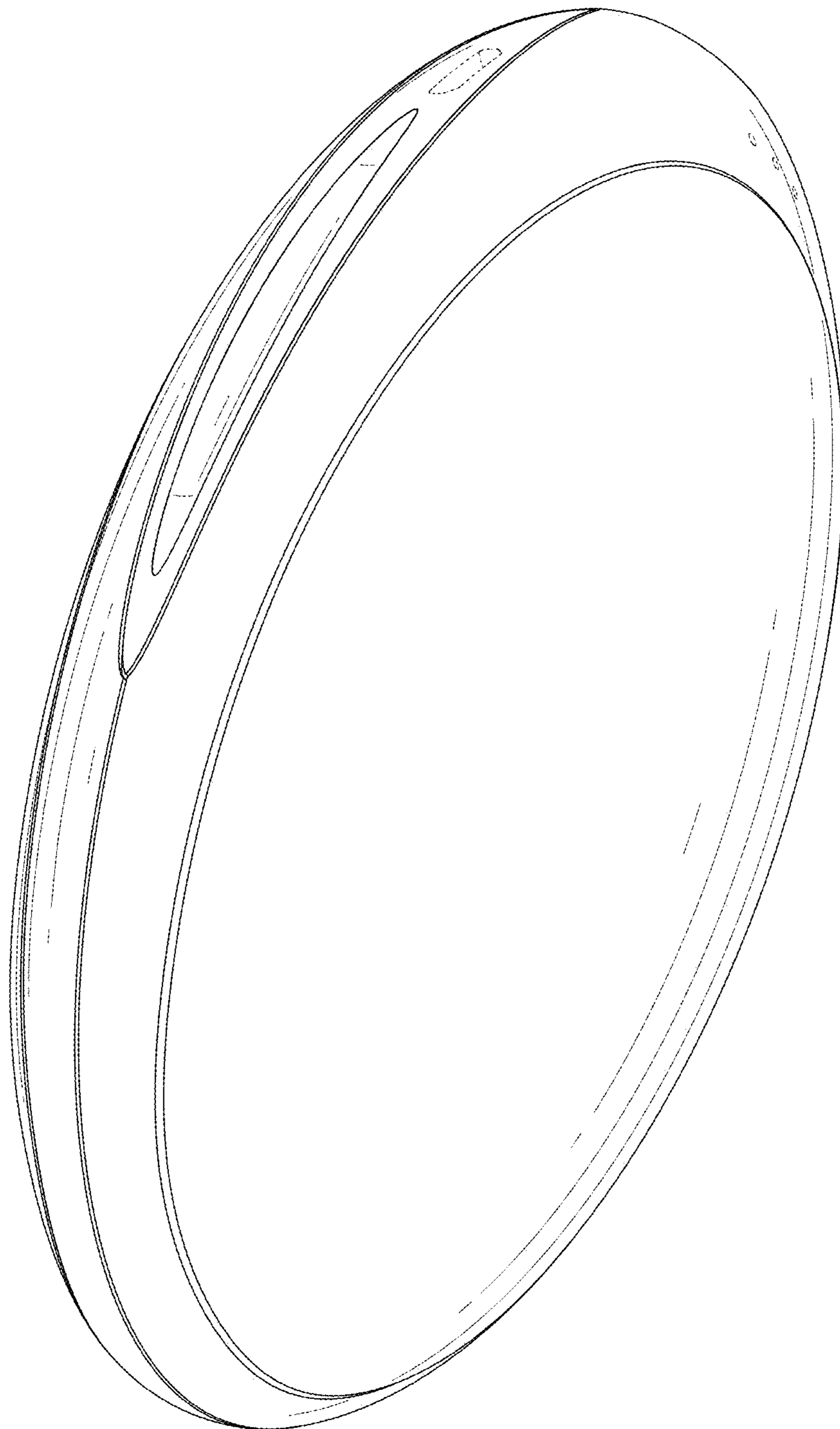


FIG. 8