

US00D864110S

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

(10) **Patent No.:** **US D864,110 S**

(45) **Date of Patent:** **\*\* Oct. 22, 2019**

(54) **BATTERY CHARGER FOR EARPHONE**

(71) Applicant: **JVC KENWOOD Corporation**,  
Yokohama-shi, Kanagawa (JP)

(72) Inventor: **Satoshi Yoshimura**, Yokohama (JP)

(73) Assignee: **JVC KENWOOD Corporation**,  
Yokohama-shi (JP)

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

(21) Appl. No.: **29/636,382**

(22) Filed: **Feb. 8, 2018**

(30) **Foreign Application Priority Data**

Aug. 10, 2017 (JP) ..... 2017-017409

(51) **LOC (12) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/108; D3/294**

(58) **Field of Classification Search**  
USPC ..... D13/107-108, 103, 105, 110, 119;  
D14/447, 253, 434, 224, 217, 238.1, 251,  
D14/240, 149, 358, 223; D3/294, 218,  
D3/201, 298, 299; D9/721  
CPC .. H02J 7/004; H02J 7/044; H02J 7/045; H02J  
2007/0062; H02J 7/0054; H02J 7/0055;  
H04R 1/1025

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D529,288 S	*	10/2006	Ham	.....	D3/294
D553,077 S	*	10/2007	Kim	.....	D13/108
D572,654 S	*	7/2008	Kang	.....	D13/107
D604,501 S	*	11/2009	Lee	.....	D3/201
D691,372 S	*	10/2013	Chun	.....	D3/294
D722,264 S	*	2/2015	Saideh	.....	D9/721

(Continued)

*Primary Examiner* — Brett Miller

(74) *Attorney, Agent, or Firm* — Amin, Turocy & Watson  
LLP

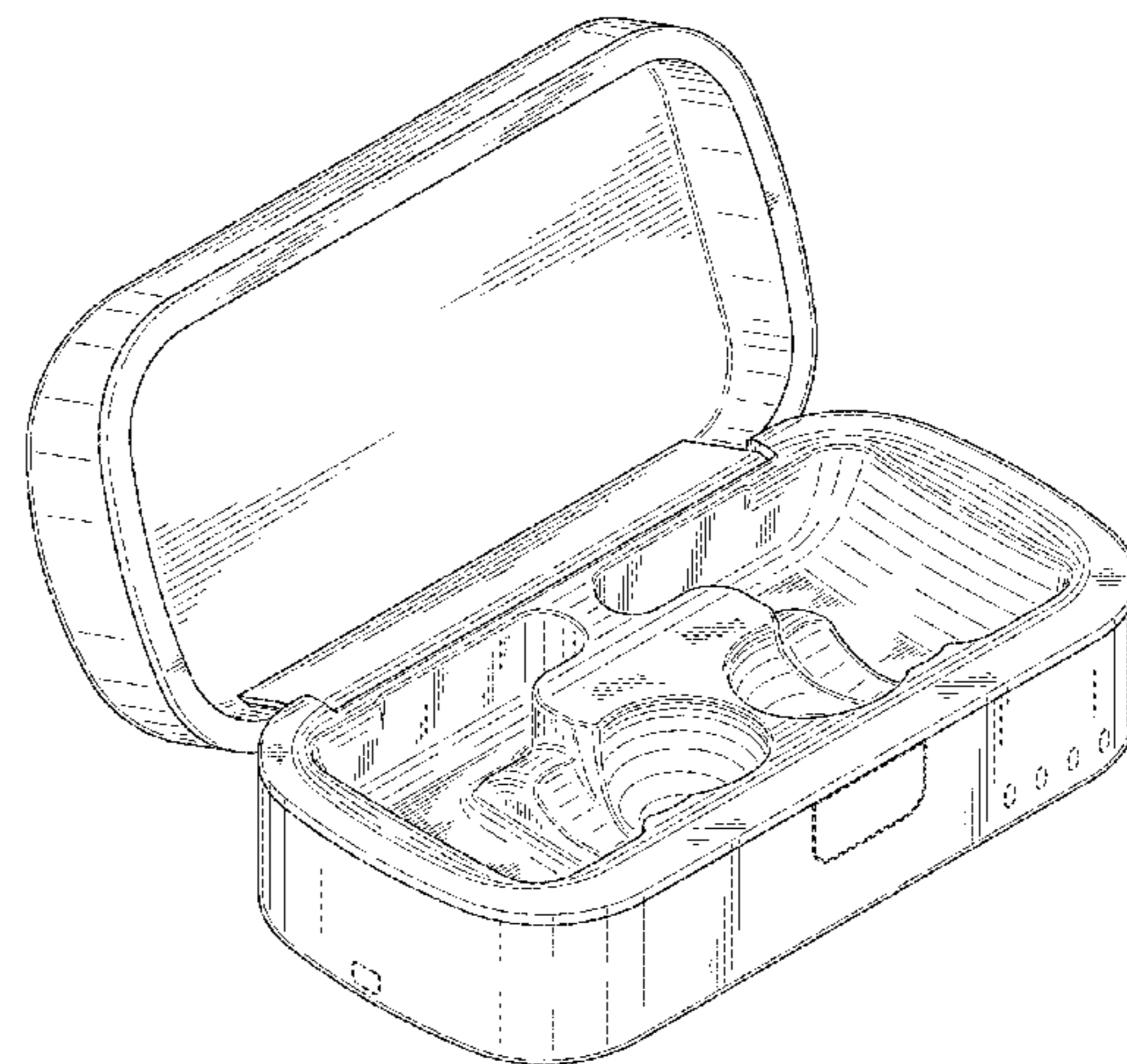
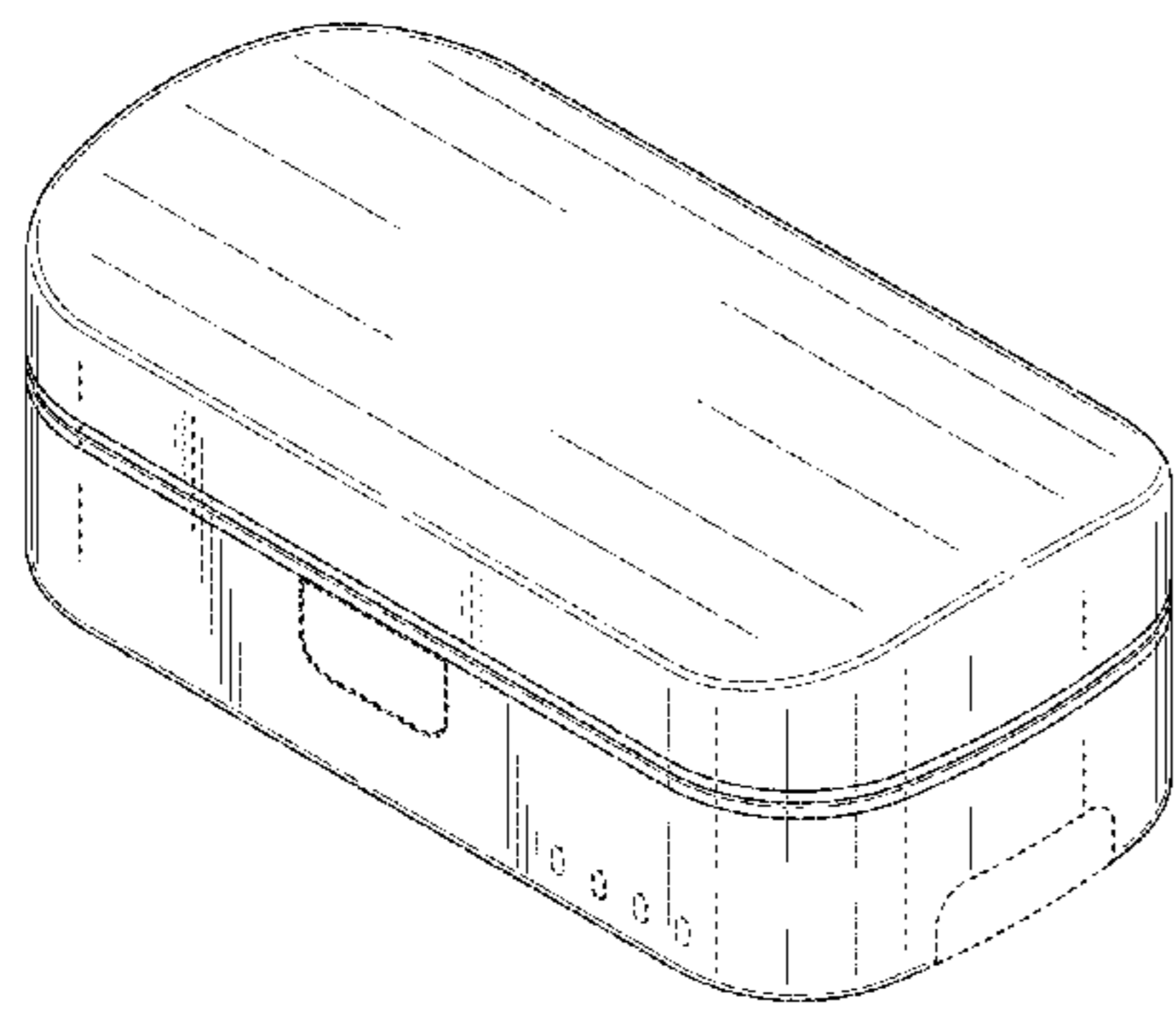
(57) **CLAIM**

The ornamental design for a battery charger for earphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top and right-side perspective view of a battery charger for earphone showing my new design; FIG. 2 is a front, top and left-side perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a right-side elevational view thereof; FIG. 8 is a left-side elevational view thereof; FIG. 9 is a front, top and right-side perspective view showing the state that the lid is opened thereof; FIG. 10 is a front, top and left-side perspective view showing the state that the lid is opened thereof; FIG. 11 is a front elevational view showing the state that the lid is opened thereof; FIG. 12 is a rear elevational view showing the state that the lid is opened thereof; FIG. 13 is a top plan view showing the state that the lid is opened thereof; FIG. 14 is a bottom plan view showing the state that the lid is opened thereof; FIG. 15 is a right-side elevational view showing the state that the lid is opened thereof; FIG. 16 is a left-side elevational view thereof showing a state in which the lid is opened; and, FIG. 17 is a reference view thereof showing a state of use. The broken lines of the drawings represent portions of the battery charger for earphone that are not part of the claimed design.

**1 Claim, 14 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D723,792 S \* 3/2015 Anderson ..... D3/201  
D775,818 S \* 1/2017 Ingraham ..... D3/294  
D841,580 S \* 2/2019 Bao ..... D13/108  
D843,937 S \* 3/2019 Xiao ..... D13/108  
2008/0090622 A1\* 4/2008 Kim ..... H02J 7/0044  
455/573  
2018/0014436 A1\* 1/2018 Milevski ..... H04R 1/1025

\* cited by examiner

FIG. 1

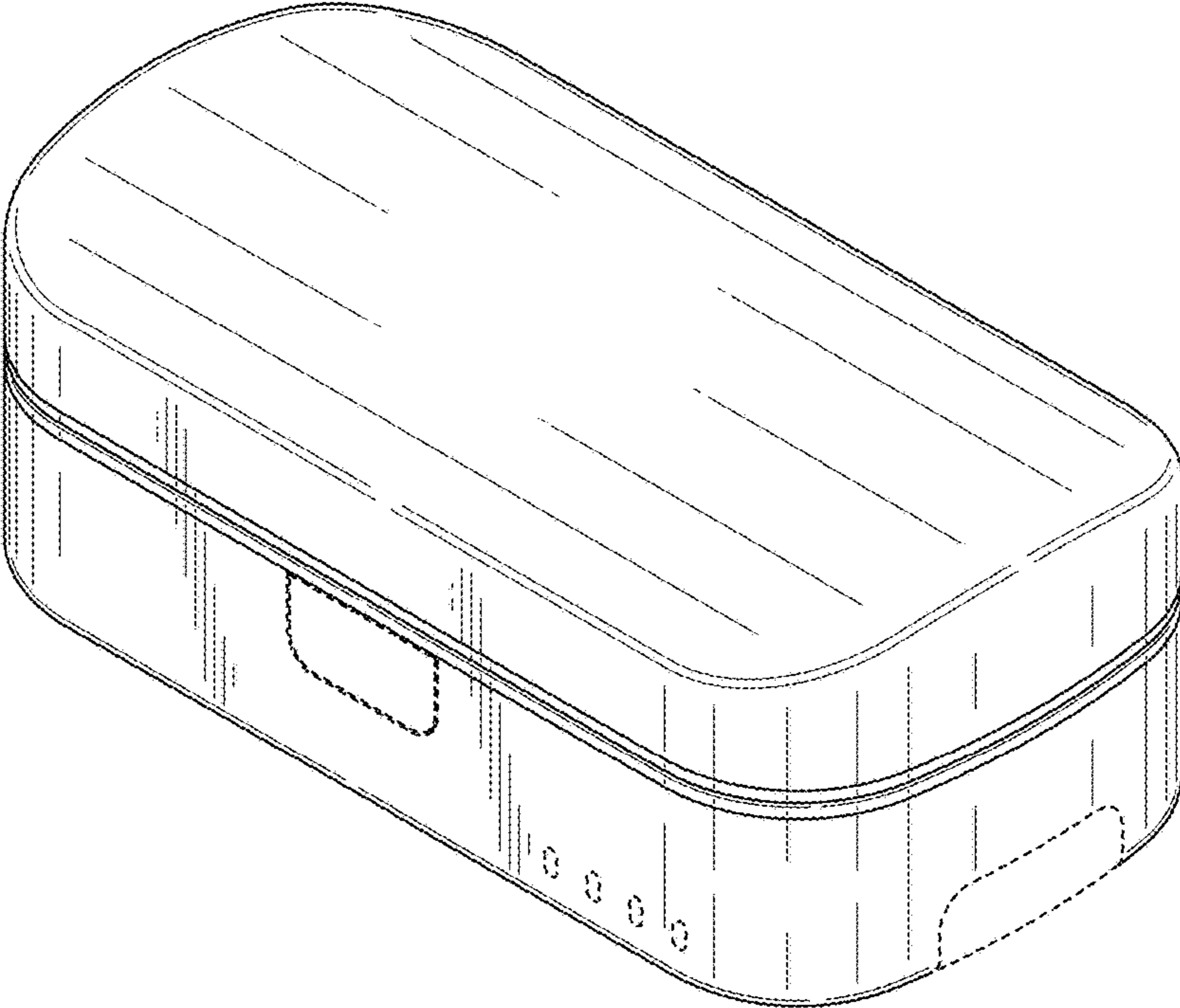


FIG. 2

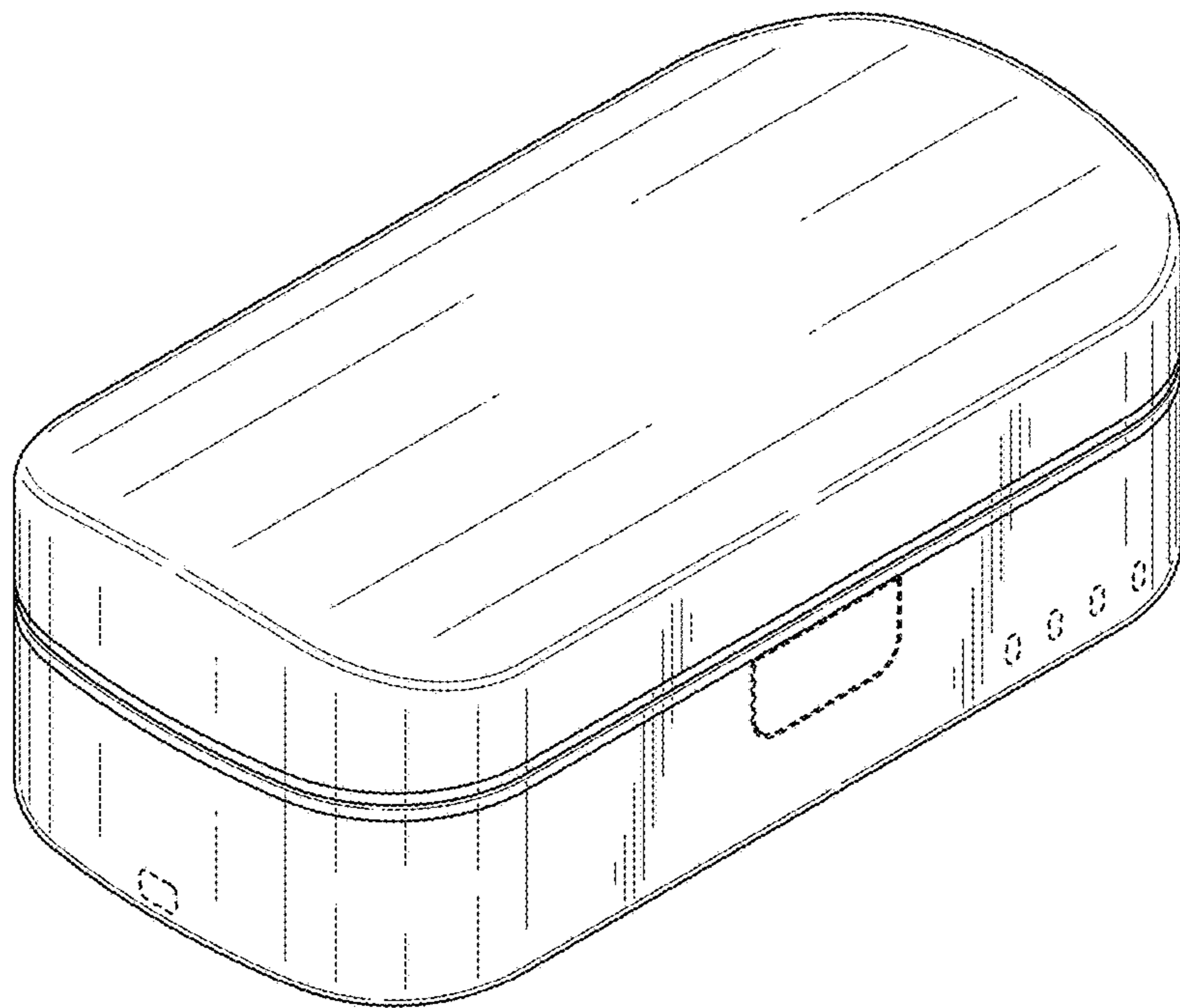


FIG. 3

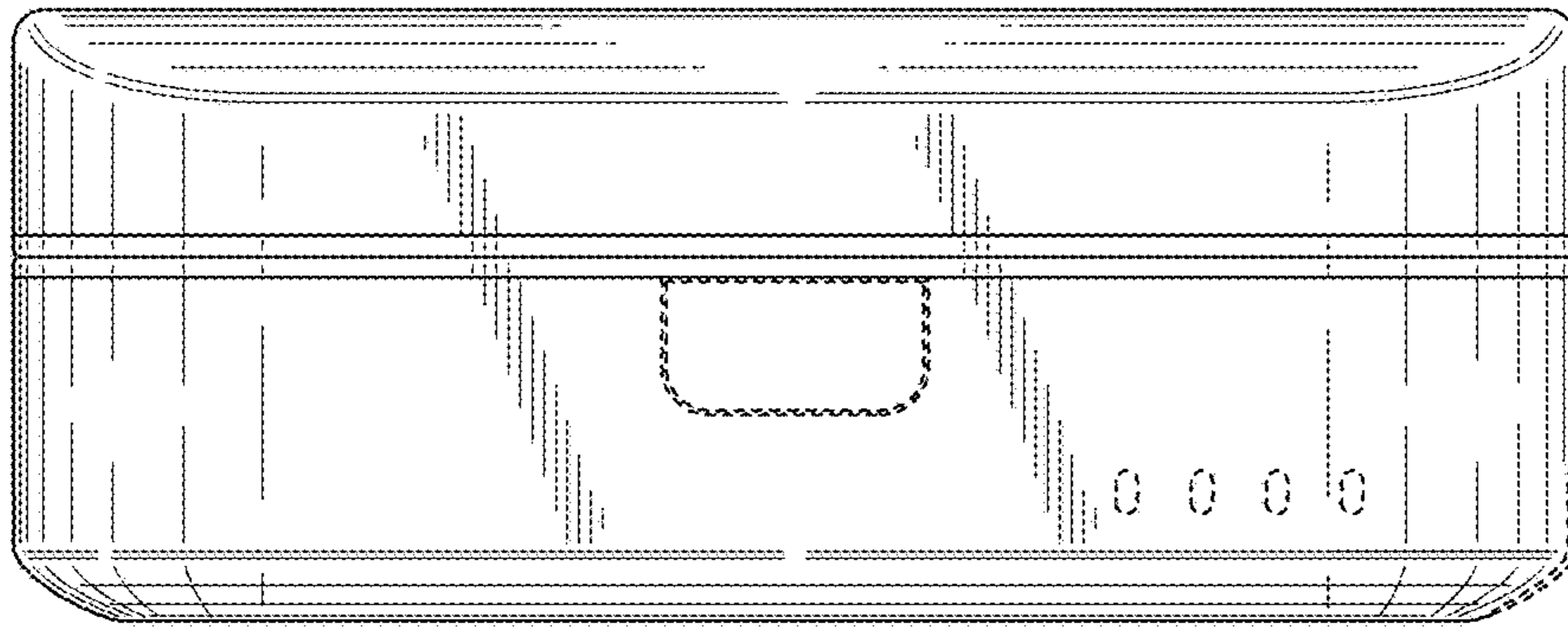


FIG. 4

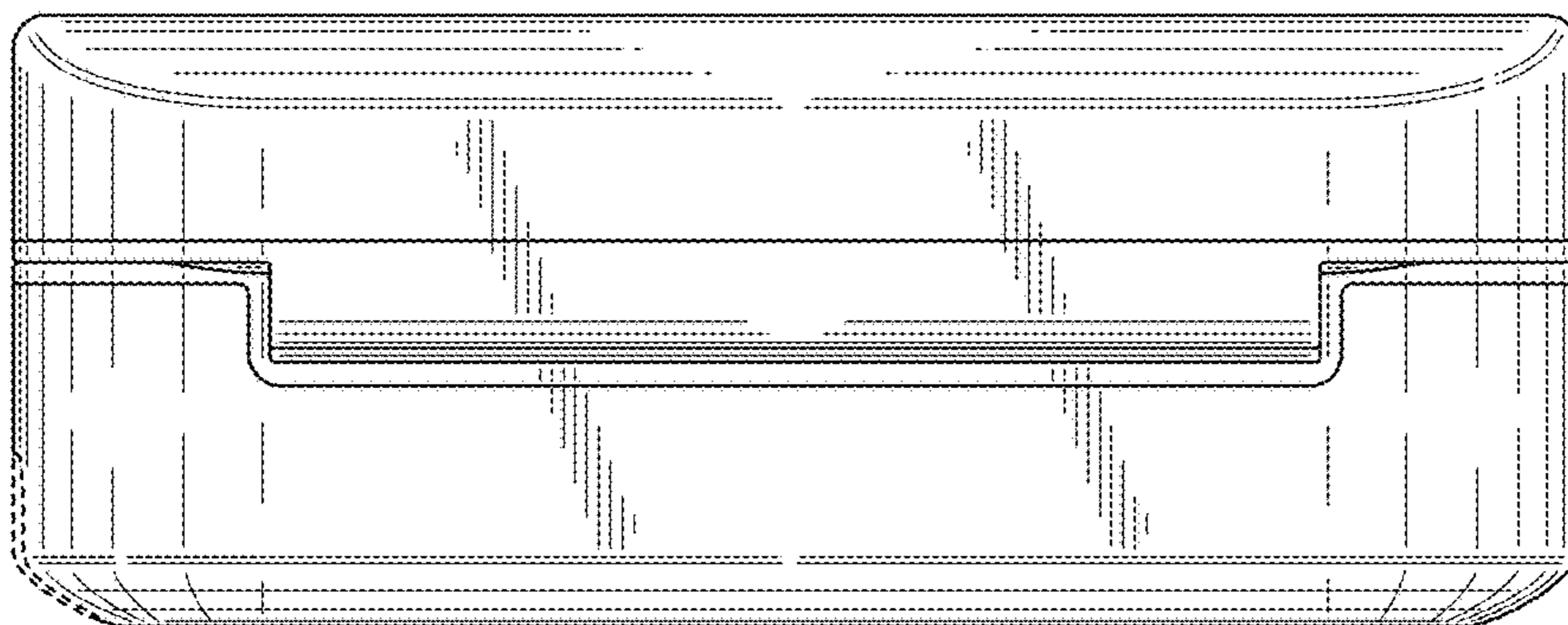


FIG. 5

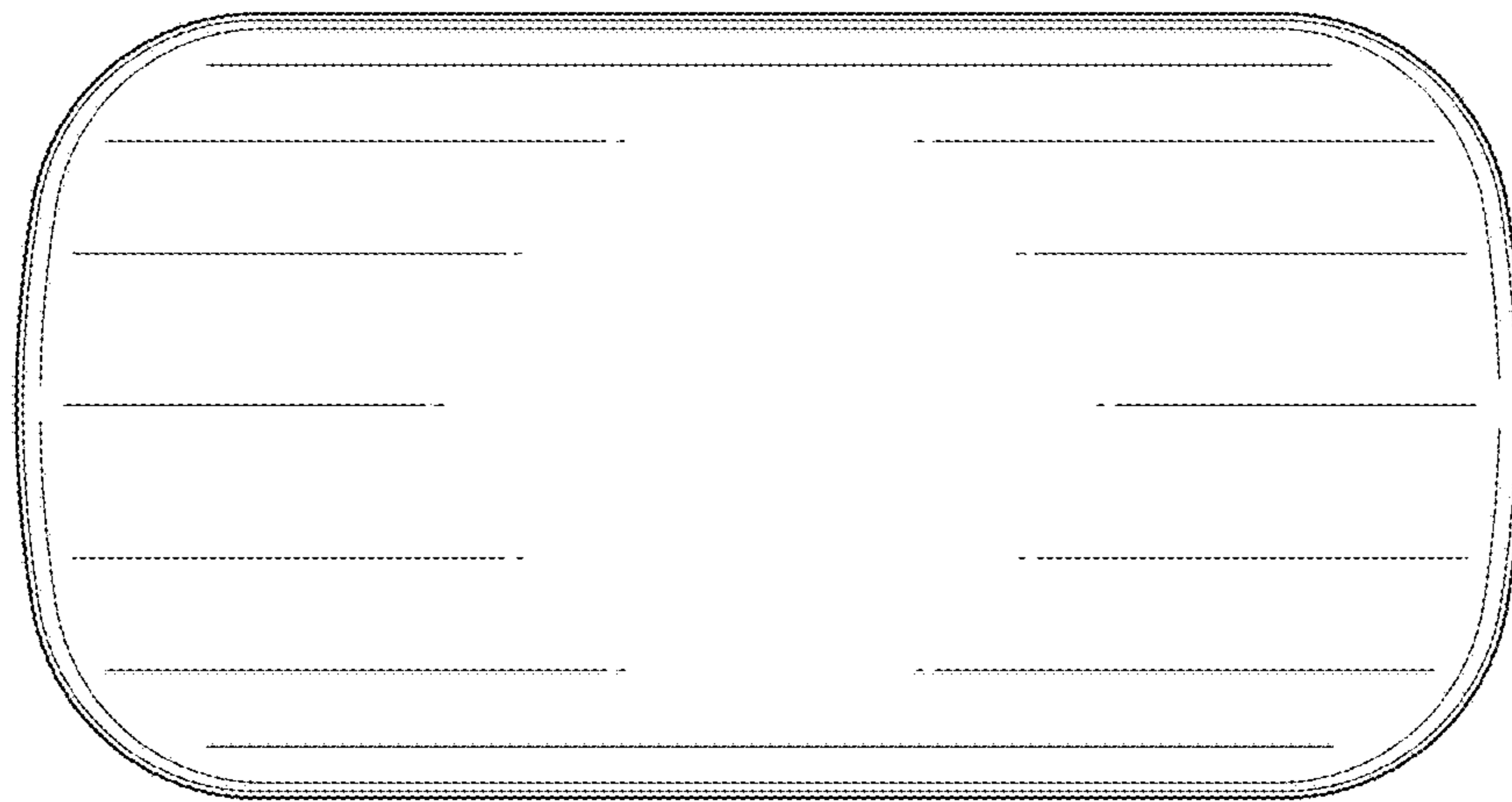
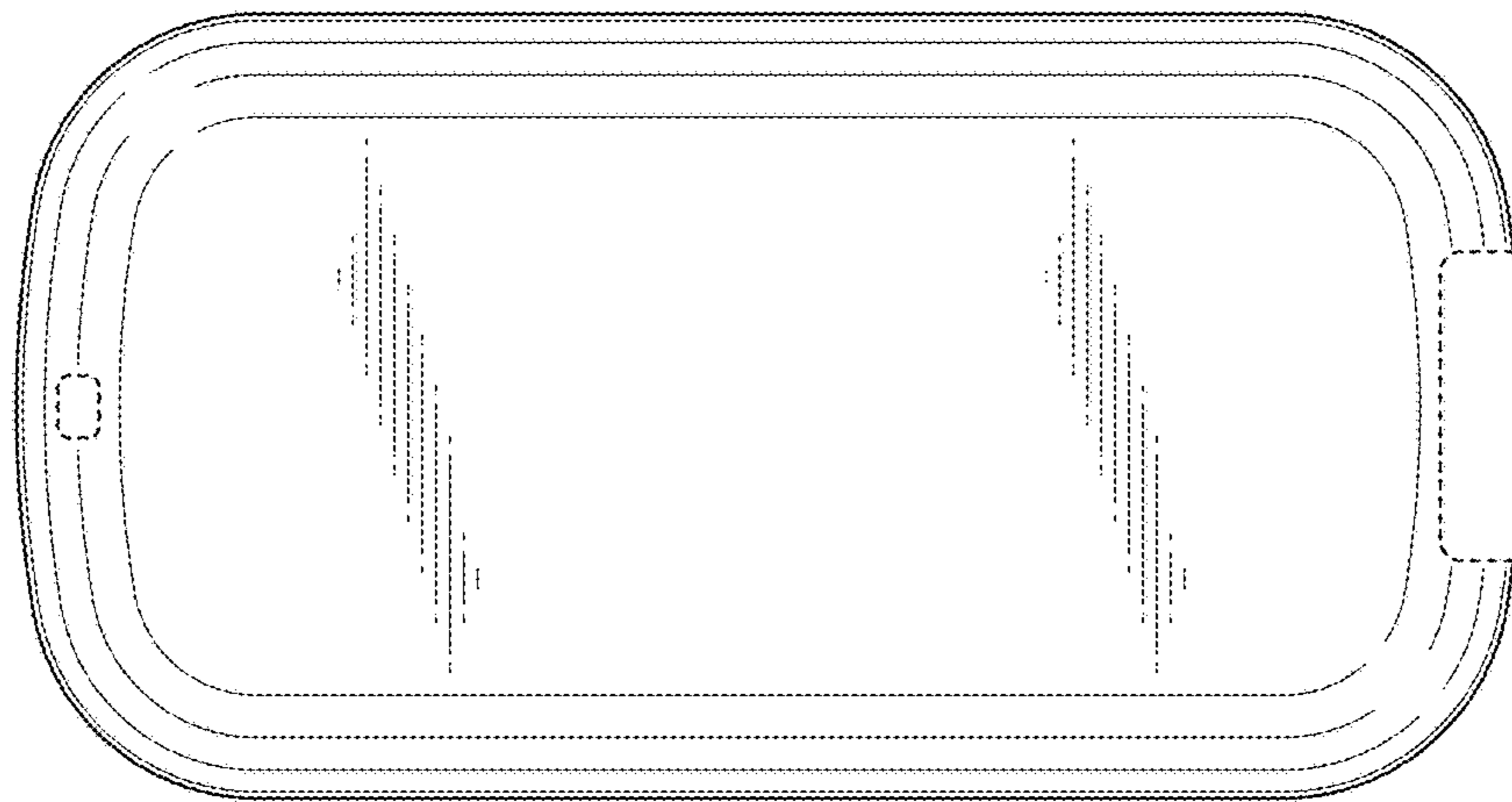
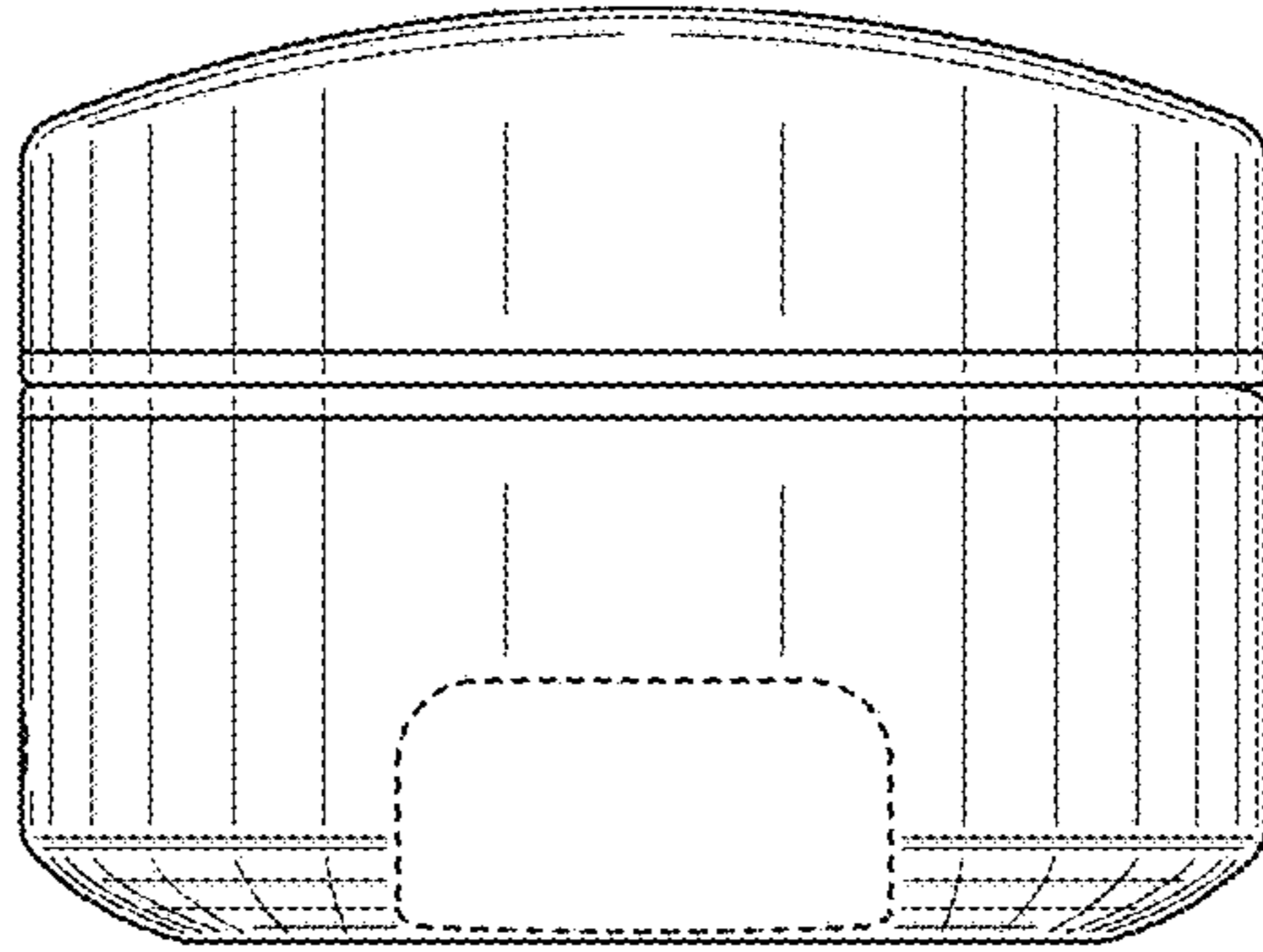


FIG. 6



*FIG. 7*



*FIG. 8*

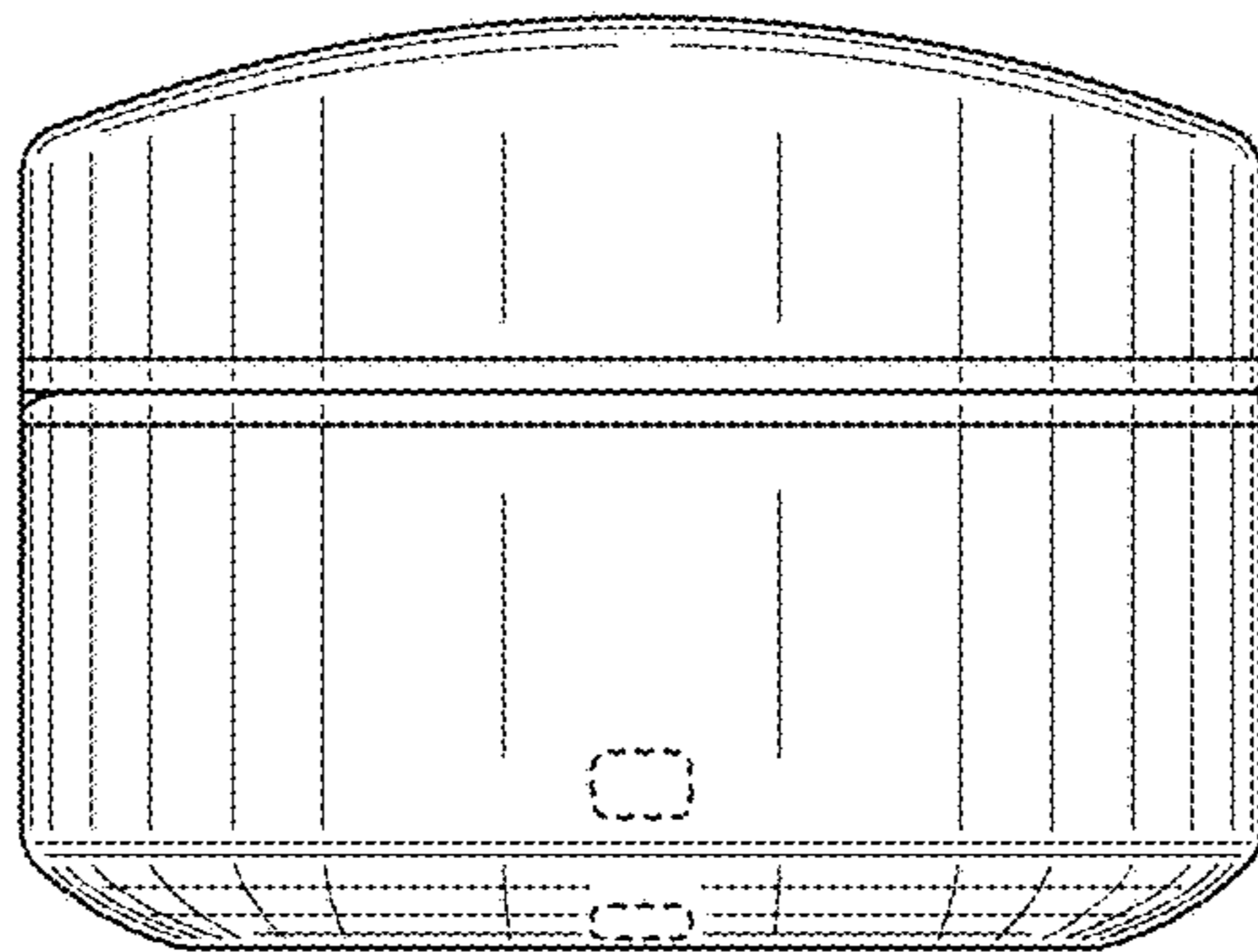


FIG. 9





FIG. 10

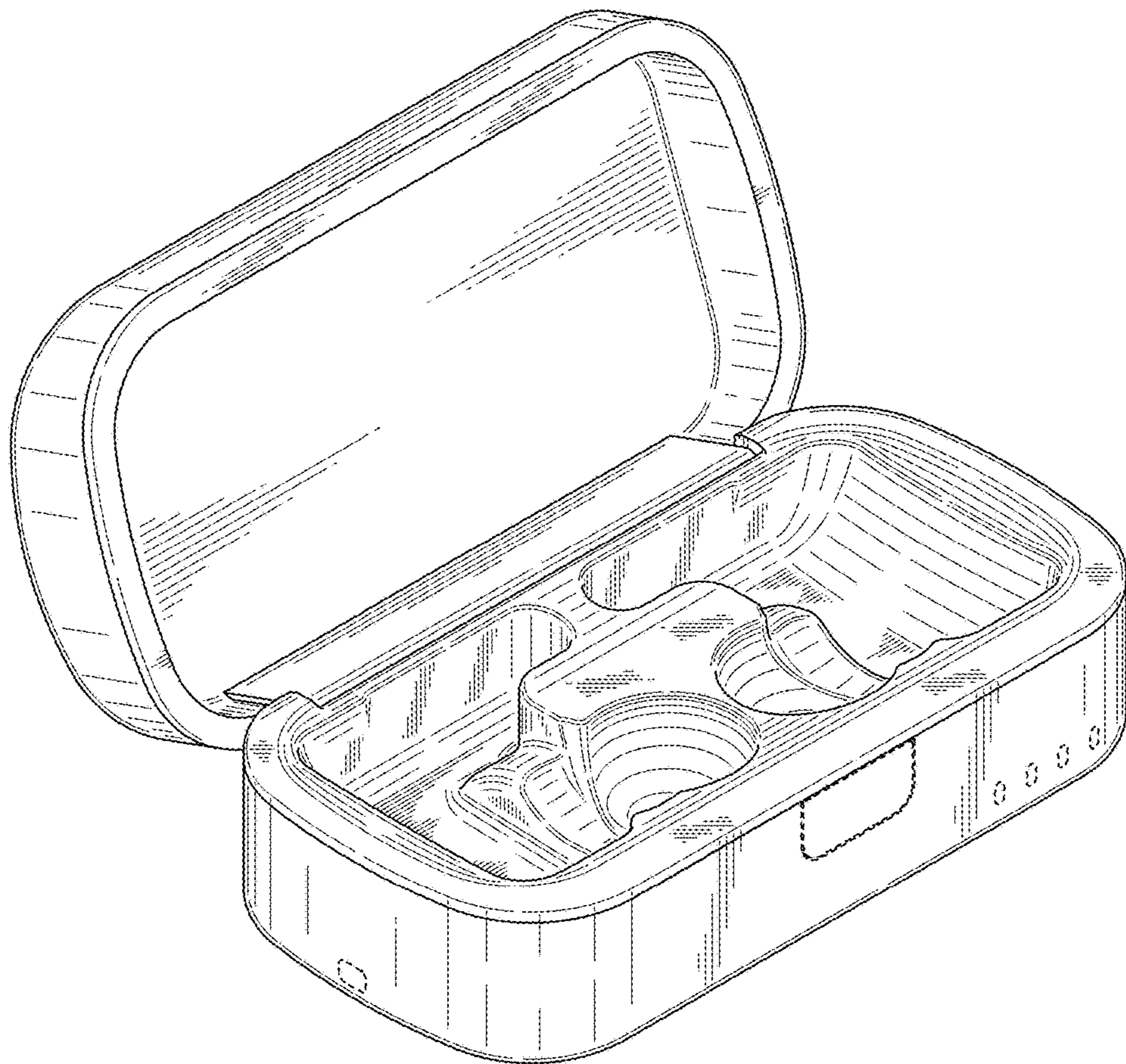
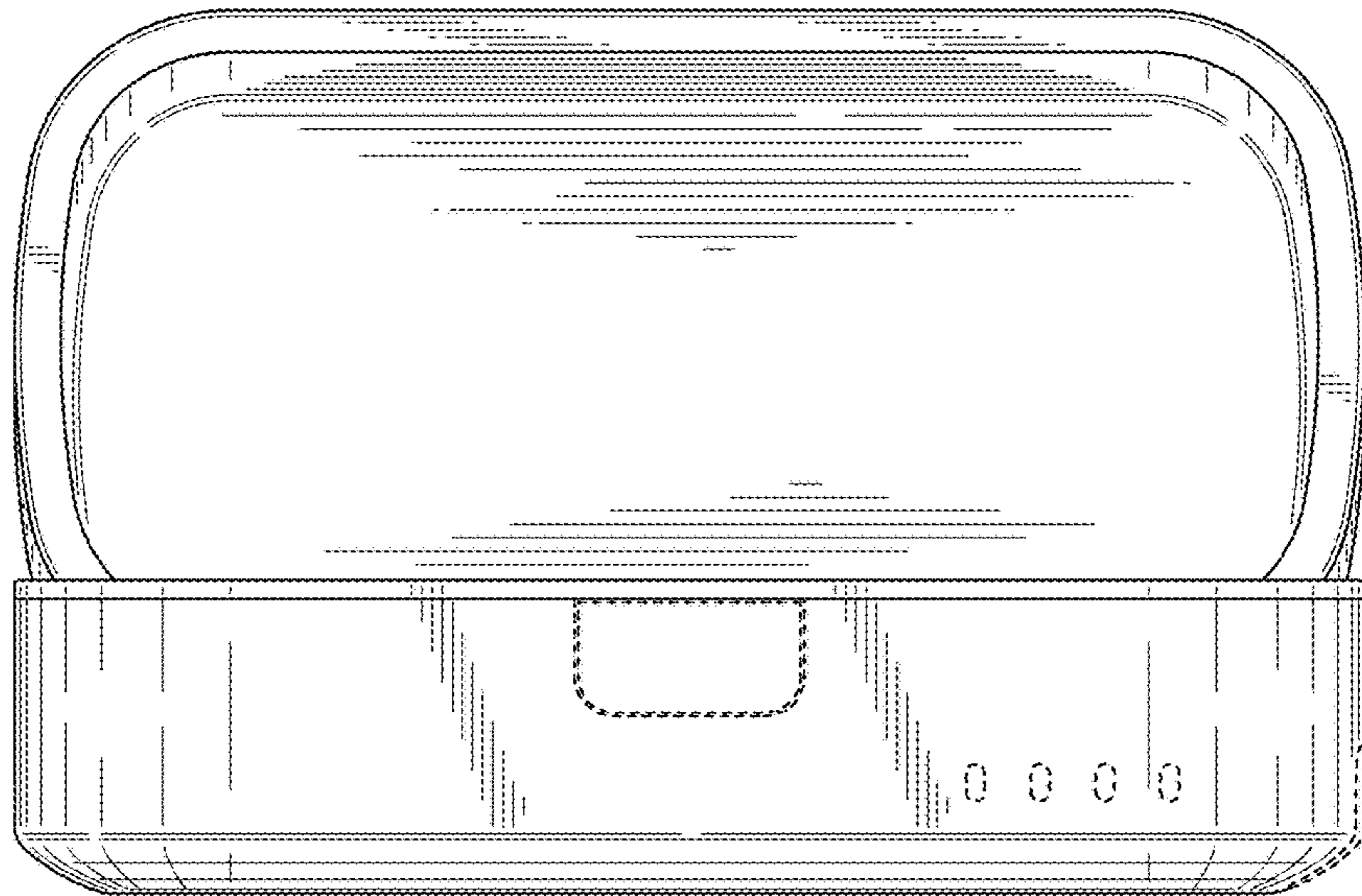


FIG. 11



*FIG. 12*

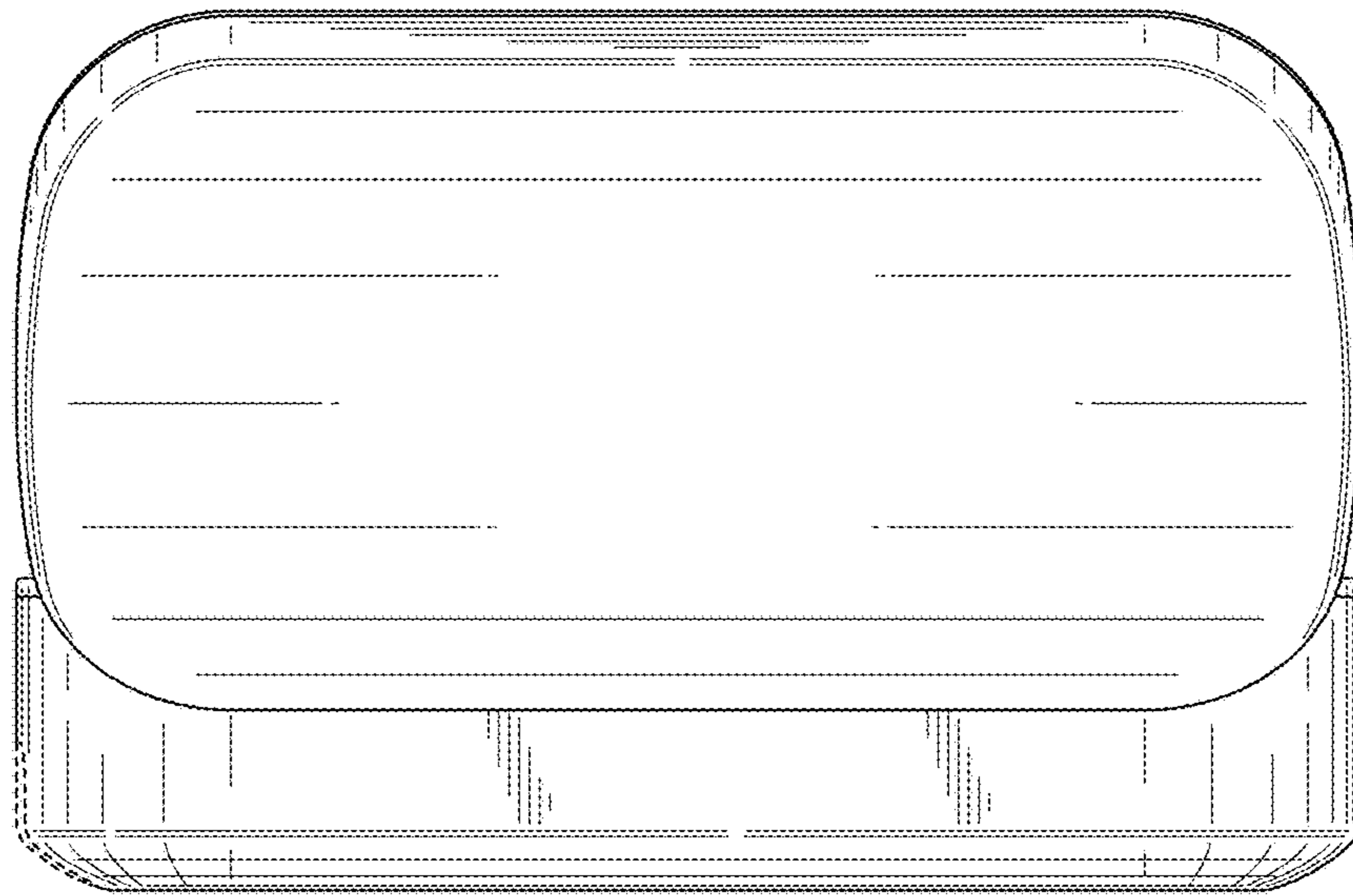


FIG. 13

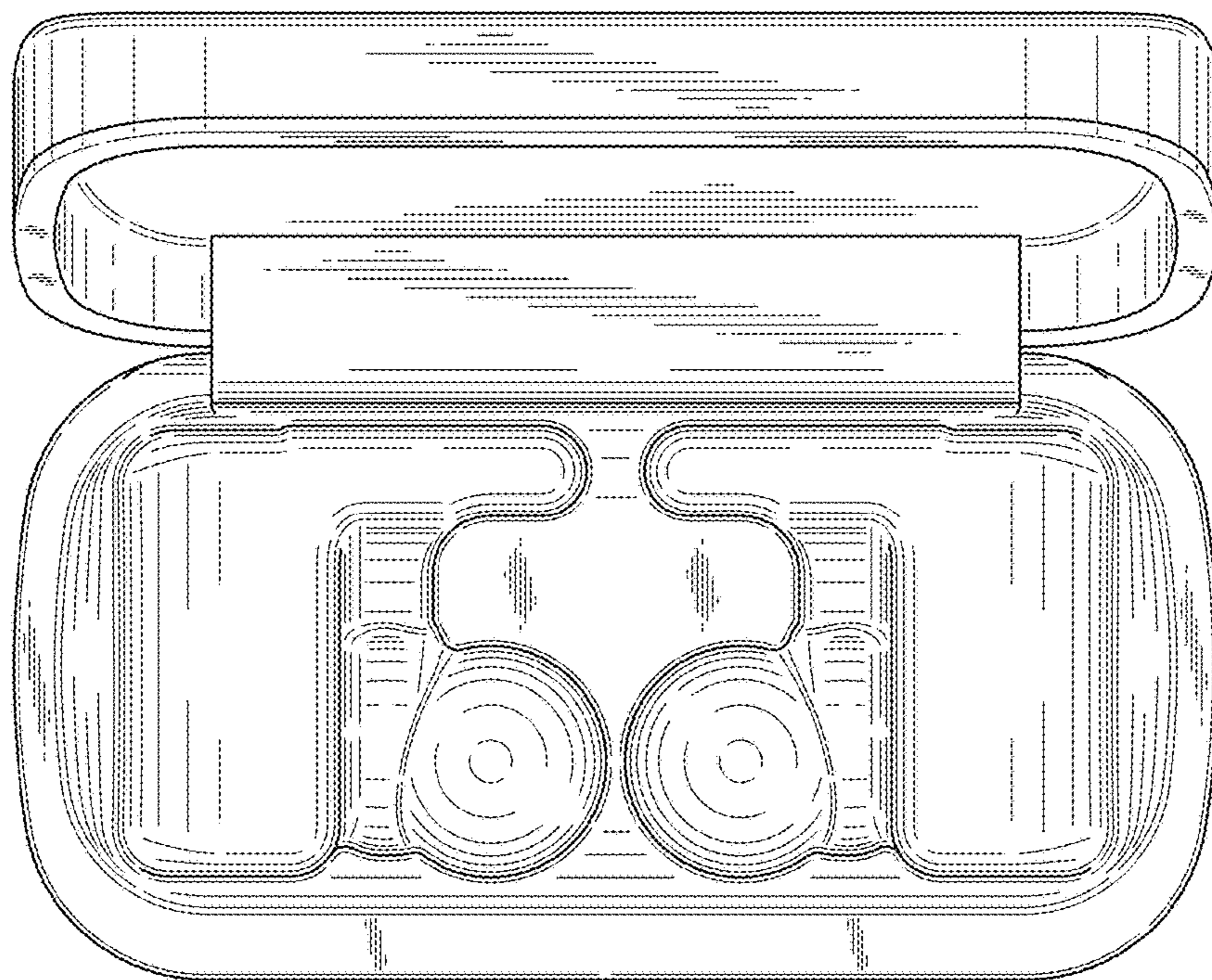


FIG. 14

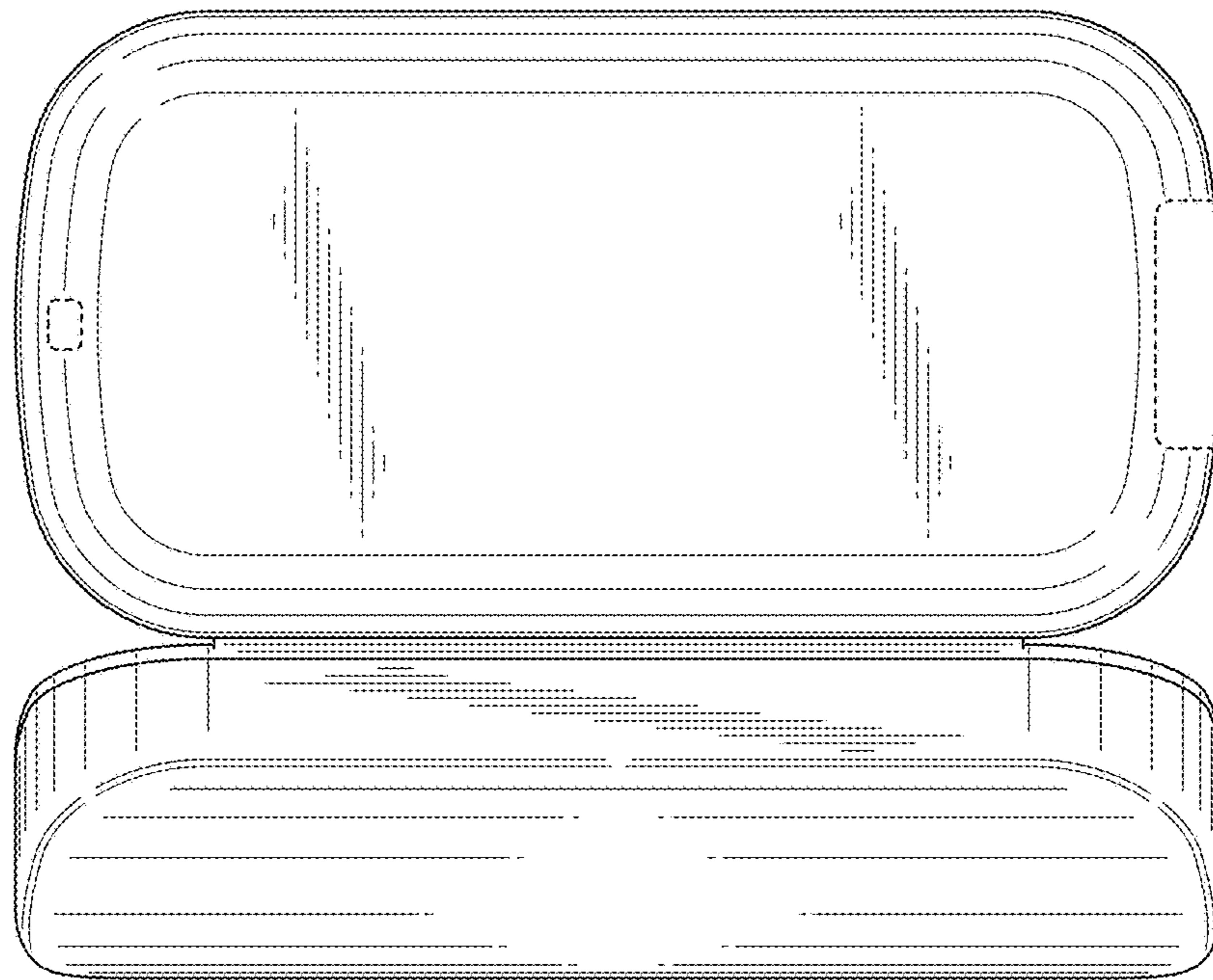


FIG. 15

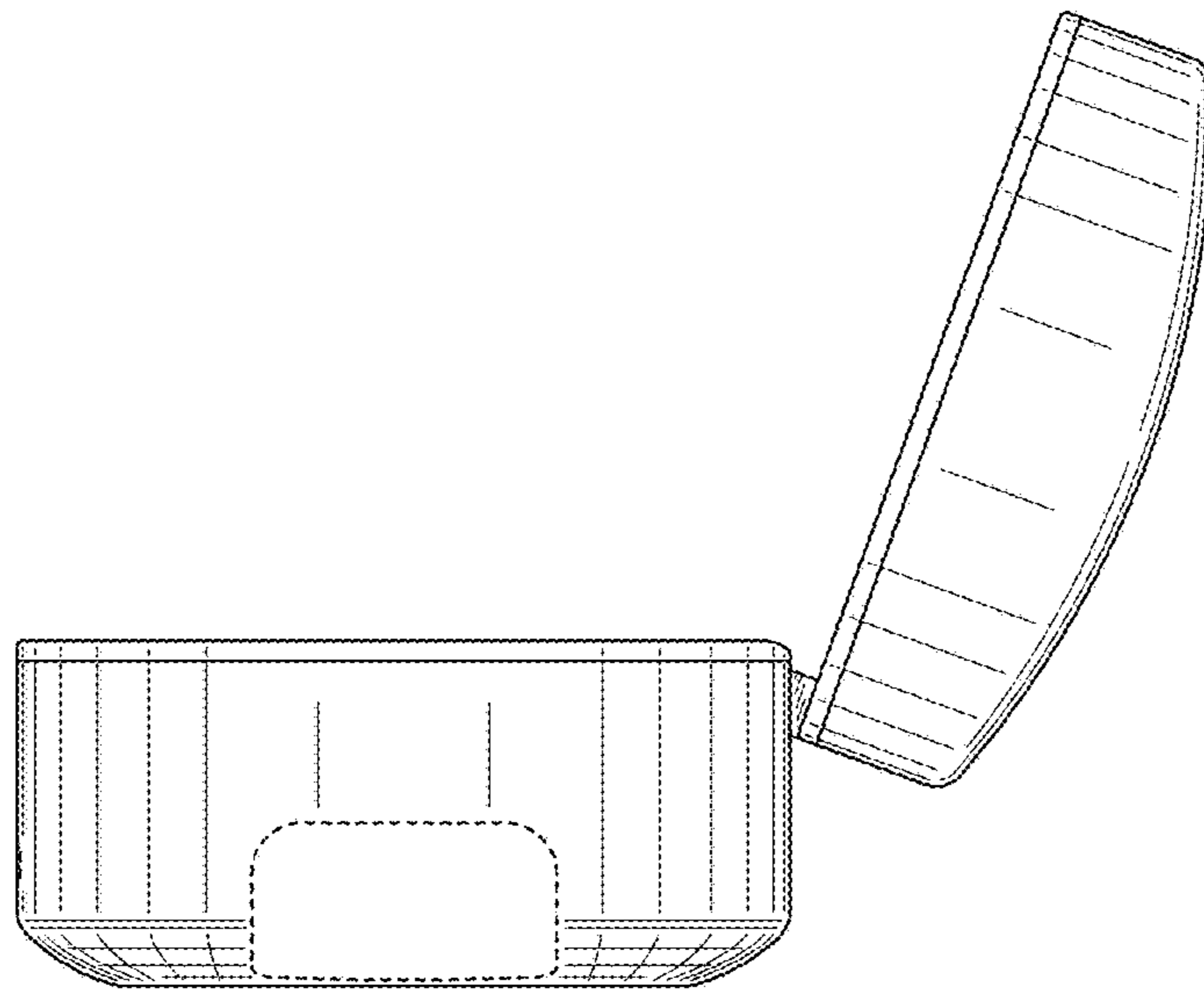


FIG. 16

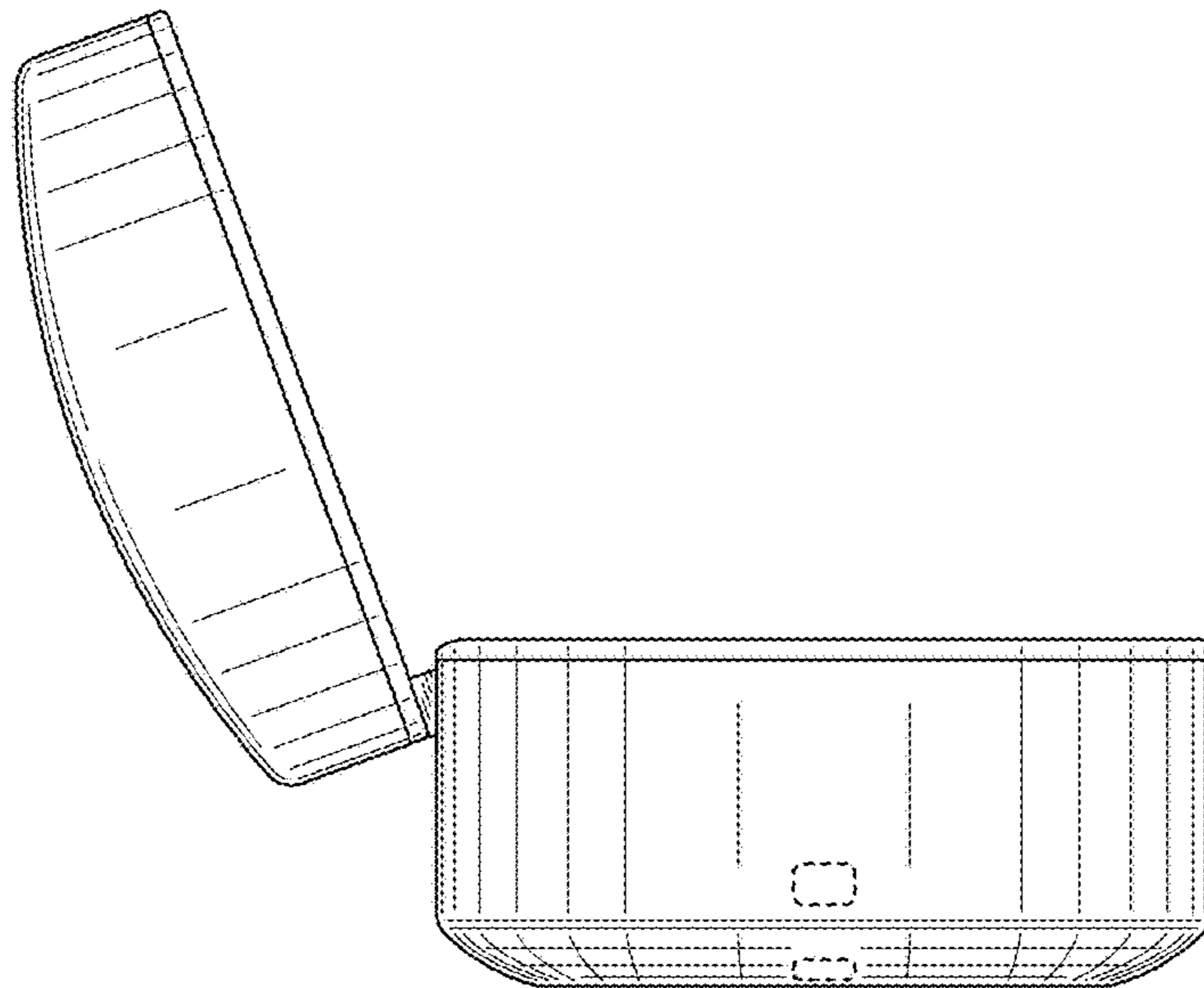


FIG. 17

