



US00D697198S

(12) **United States Design Patent**
Amirouche et al.

(10) **Patent No.:** **US D697,198 S**
(45) **Date of Patent:** **** *Jan. 7, 2014**

(54) **MULTI-DRUG DELIVERY SYSTEM HAVING CARTRIDGE**

(75) Inventors: **Farid Amirouche**, Highland Park, IL (US); **Arash N. Attar**, Chicago, IL (US); **Matthew L. Cantwell**, Northbrook, IL (US)

(73) Assignee: **Picolife Technologies, LLC**, Deerfield, IL (US)

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

(**) Term: **14 Years**

(21) Appl. No.: **29/413,590**

(22) Filed: **Feb. 17, 2012**

(51) **LOC (10) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/108**

(58) **Field of Classification Search**
USPC D24/111, 169, 186, 108; 604/30, 500, 604/65, 67, 151, 154, 189, 191, 218, 232, 604/246, 256, 260, 891.1
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D308,420 S * 6/1990 Frantz D24/111
D323,893 S * 2/1992 Arioka D24/169

5,147,323 A * 9/1992 Haber et al. 604/191
5,745,378 A * 4/1998 Barker et al. 604/30
7,311,693 B2 * 12/2007 Shekalim 604/67
D564,087 S * 3/2008 Yodfat et al. D24/108
D585,543 S * 1/2009 Yodfat et al. D24/111
2007/0233051 A1 * 10/2007 Hohl et al. 604/891.1
2010/0292651 A1 * 11/2010 Yodfat et al. 604/189
2011/0004188 A1 * 1/2011 Shekalim 604/500

* cited by examiner

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Finnegan, Henderson, Farabow, Garrett & Dunner, LLP

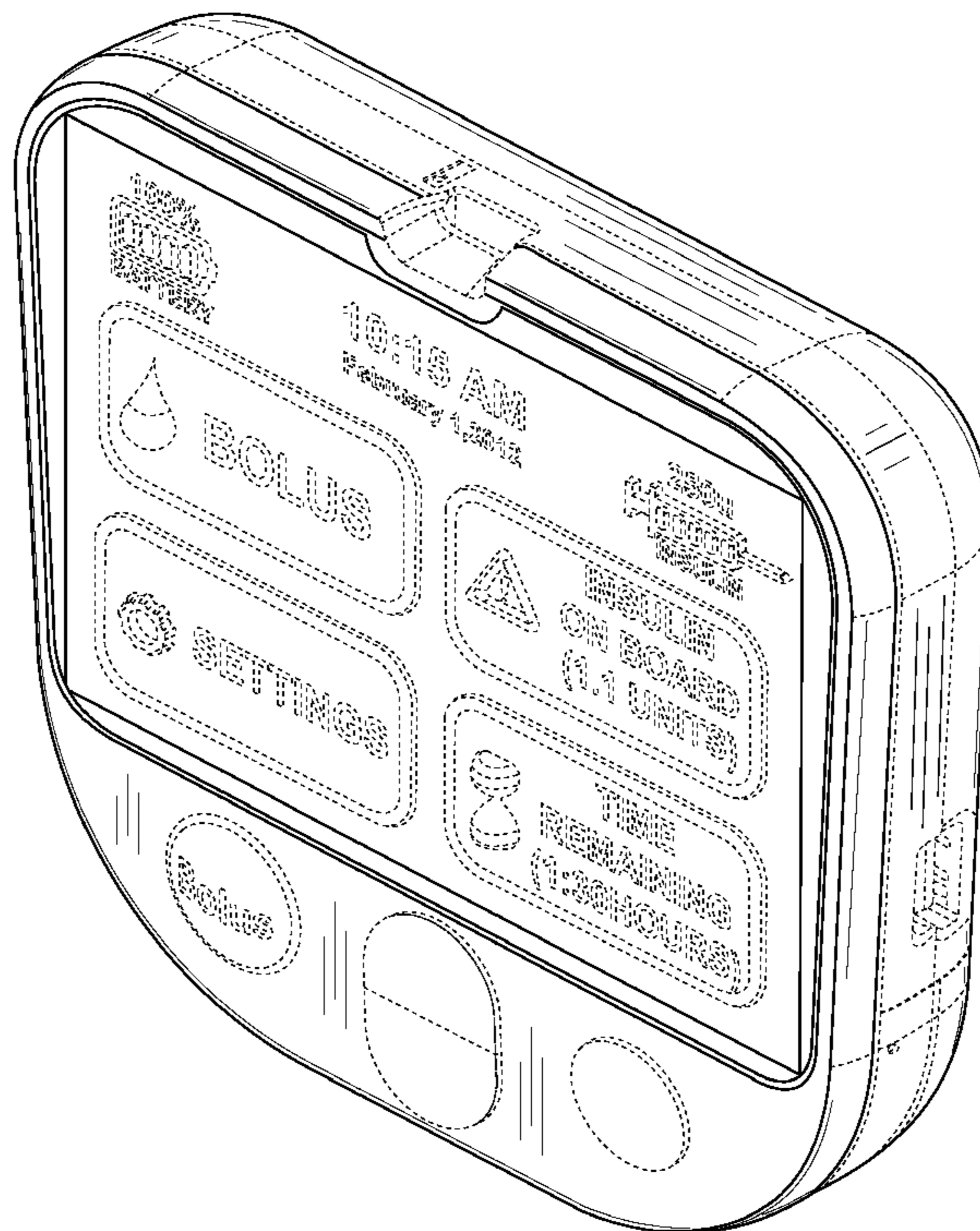
(57) **CLAIM**

The ornamental design for a multi-drug delivery system having cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a multi-drug delivery system having cartridge showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a right side elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The portions depicted in broken lines are environment and the elements depicted in broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets



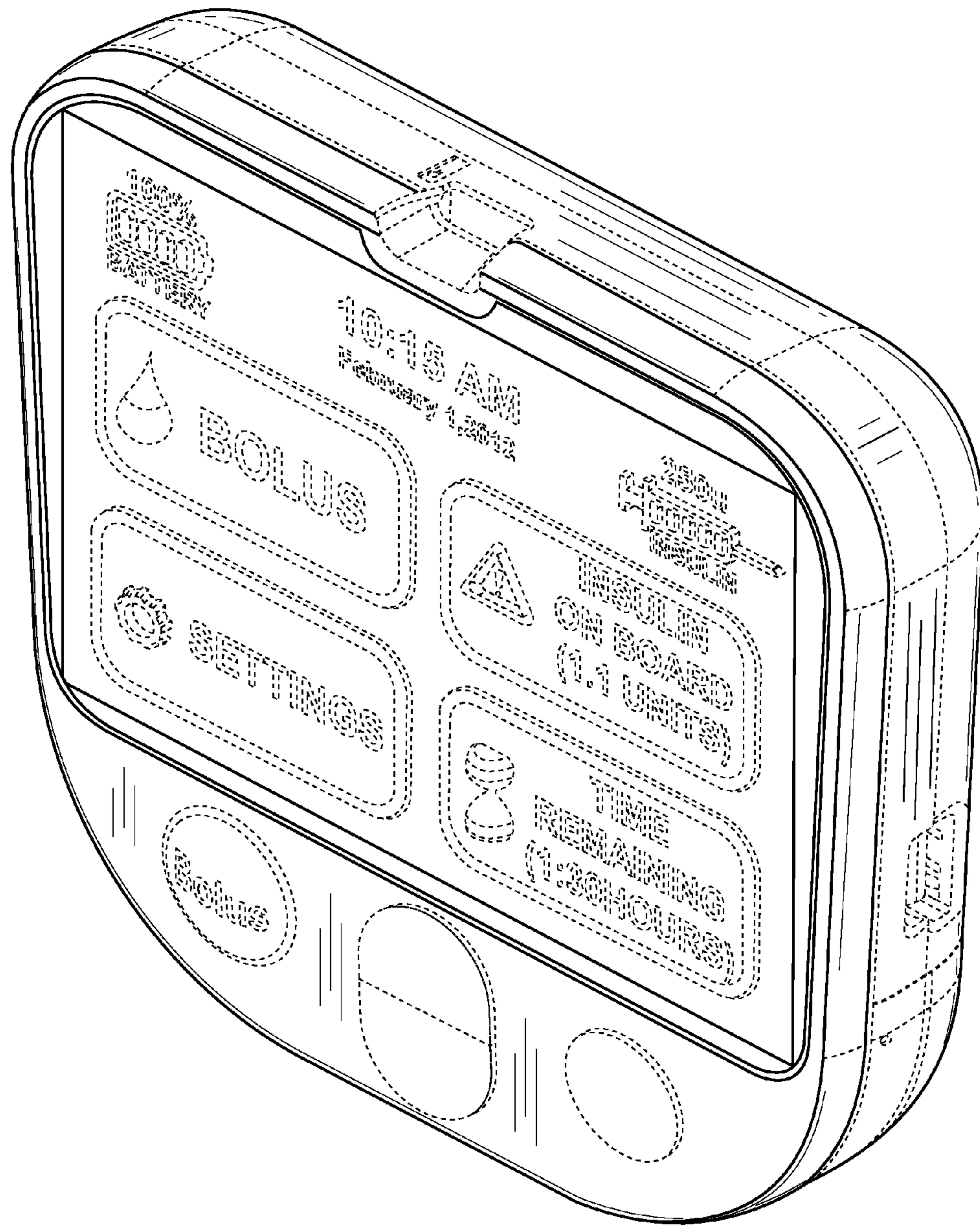


FIG. 1

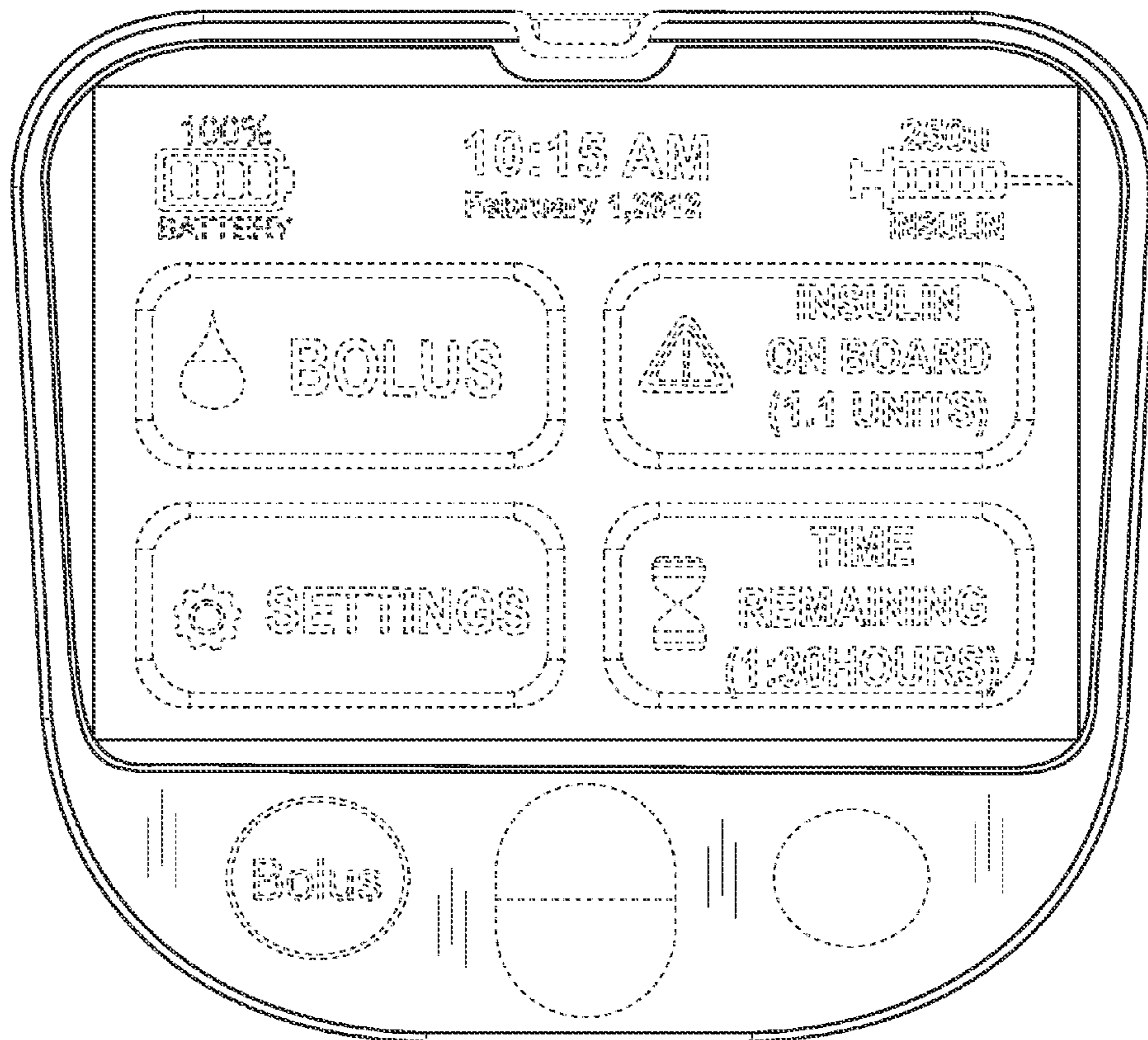


FIG. 2

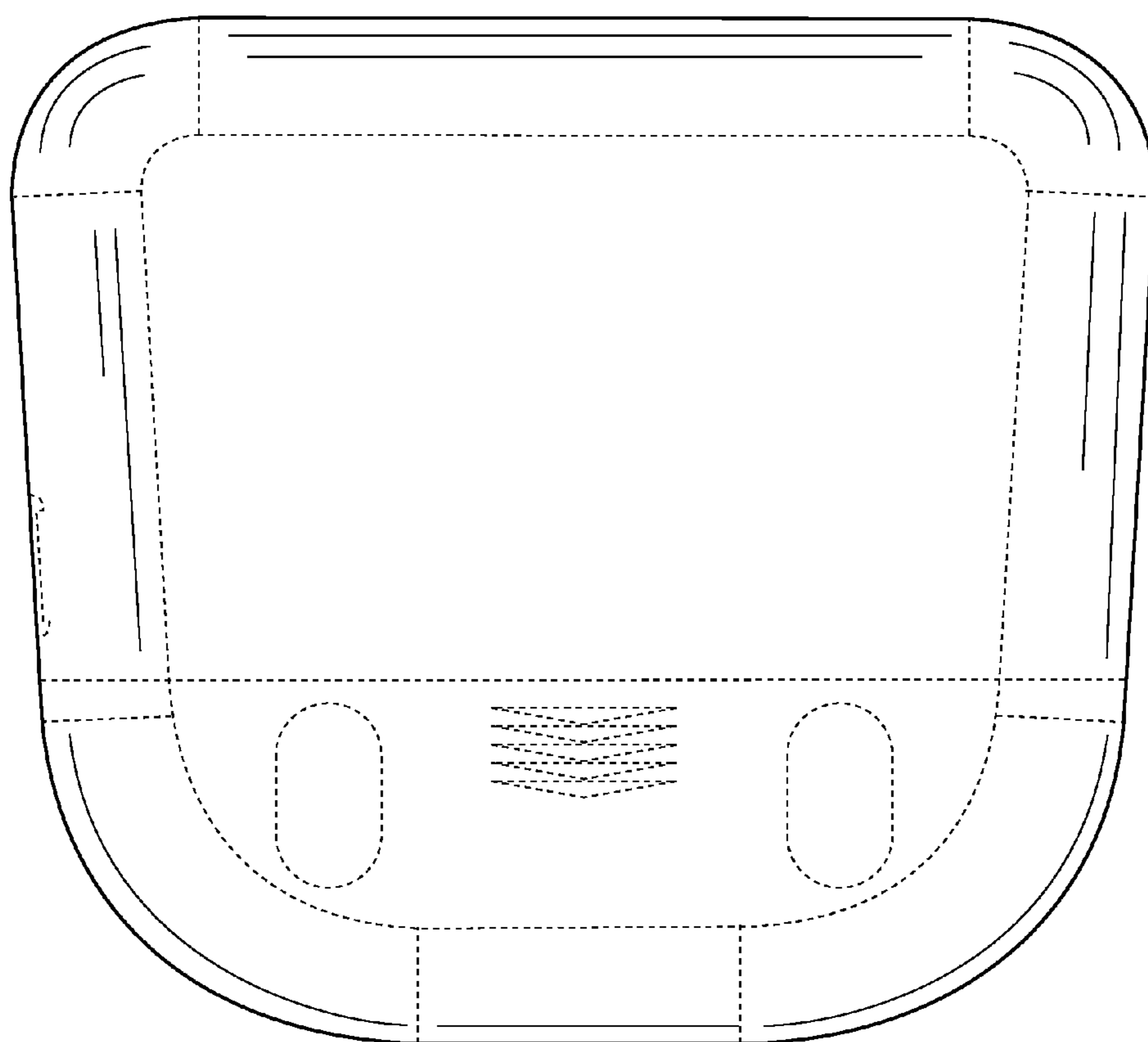


FIG. 3

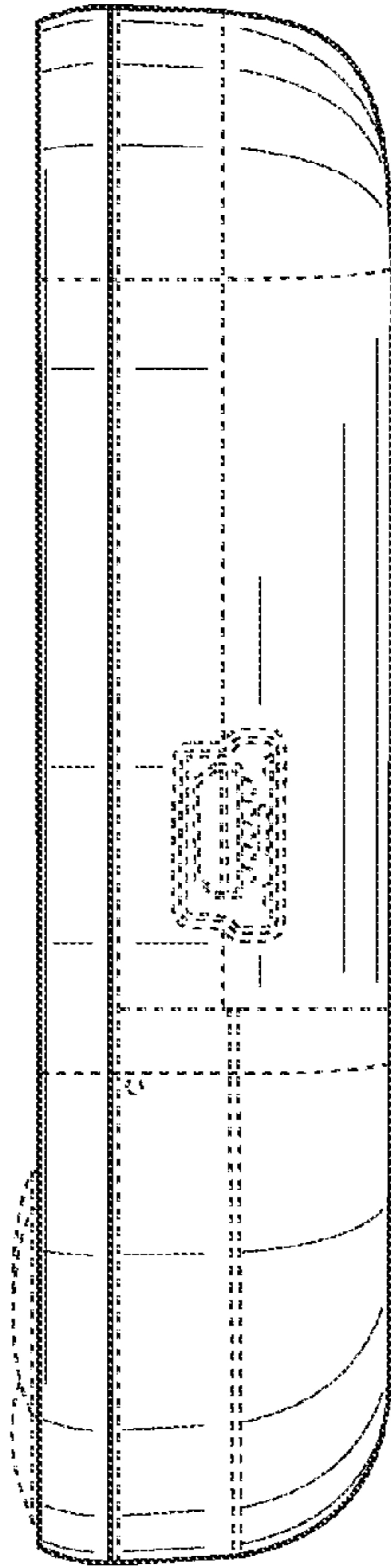


FIG. 4

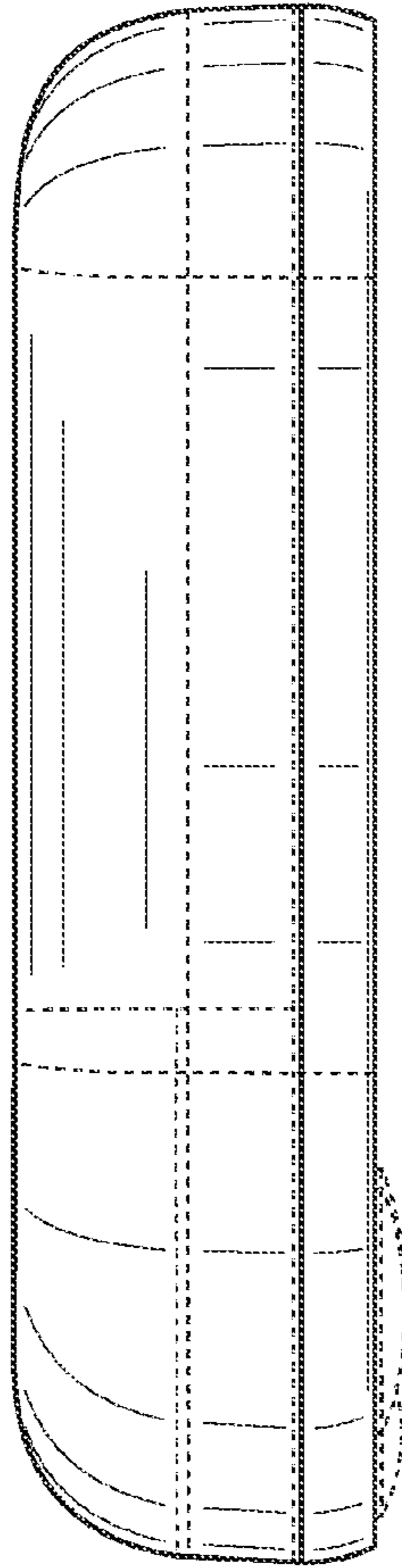


FIG. 5

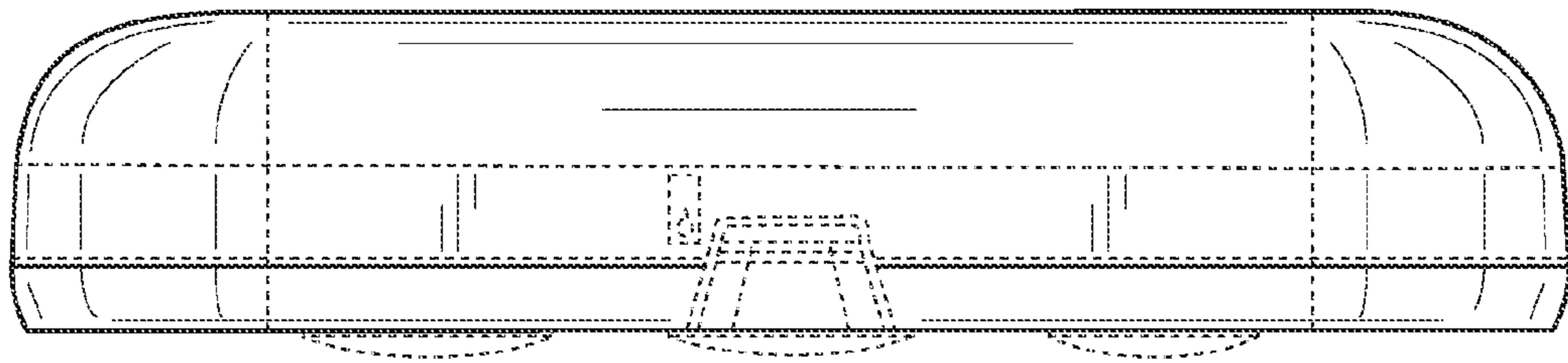


FIG. 6

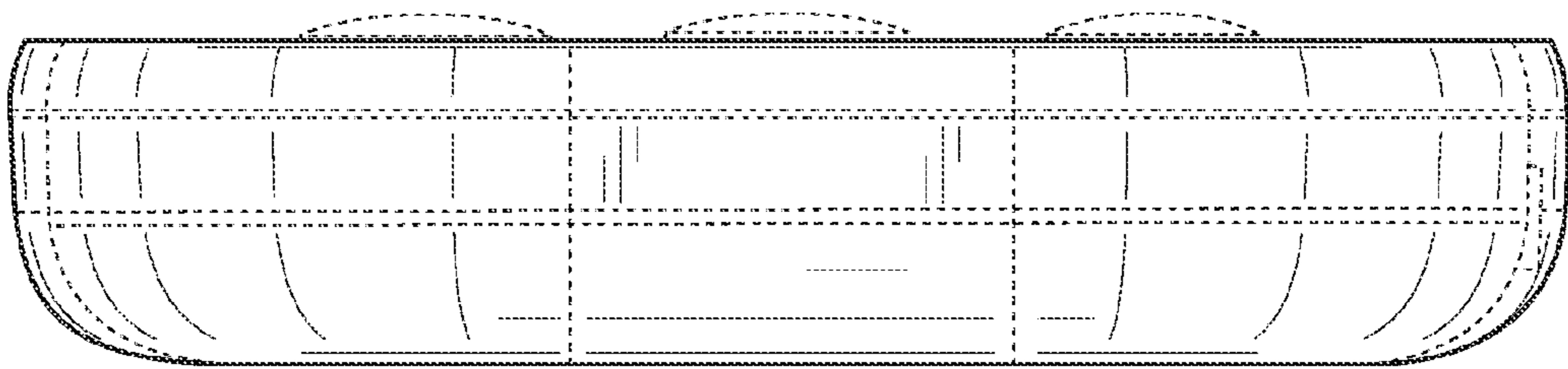


FIG. 7