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(12) **United States Design Patent** (10) **Patent No.:** **US D878,442 S**
Puerto et al. (45) **Date of Patent:** **** Mar. 17, 2020**

- (54) **BARRIER OPENER HEAD**
- (71) Applicant: **GMI HOLDINGS, INC.**, Mount Hope, OH (US)
- (72) Inventors: **Gabriel Jose Puerto**, Bay Village, OH (US); **Thomas Sherry Deneen, Jr.**, Akron, OH (US); **Joshua Daniel Funk**, Strongsville, OH (US)
- (73) Assignee: **GMI HOLDINGS, INC.**, Mount Hope, OH (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/650,892**
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- (51) **LOC (12) Cl.** **15-99**
- (52) **U.S. Cl.**
USPC **D15/199**
- (58) **Field of Classification Search**
USPC D13/168; D14/218; D15/199
CPC E05F 13/04; E05F 15/63; E05Y 2900/106
See application file for complete search history.

- D492,333 S * 6/2004 Guzman D15/148
- D495,303 S * 8/2004 Coullahan D13/168
- D741,817 S * 10/2015 Paredes D13/168
- D844,685 S * 4/2019 Bresson D15/148
- D848,498 S * 5/2019 Baer D15/148
- 2002/0164158 A1* 11/2002 Hoermann G07C 9/00944
388/835
- 2005/0254194 A1* 11/2005 Olmsted E05F 15/668
361/115
- 2012/0293976 A1* 11/2012 Tseng H05K 7/1417
361/808

* cited by examiner

Primary Examiner — Patricia A Palasik

(74) *Attorney, Agent, or Firm* — Haynes and Boone, LLP

(57) **CLAIM**

The ornamental design for a barrier opener head, as shown and described.

DESCRIPTION

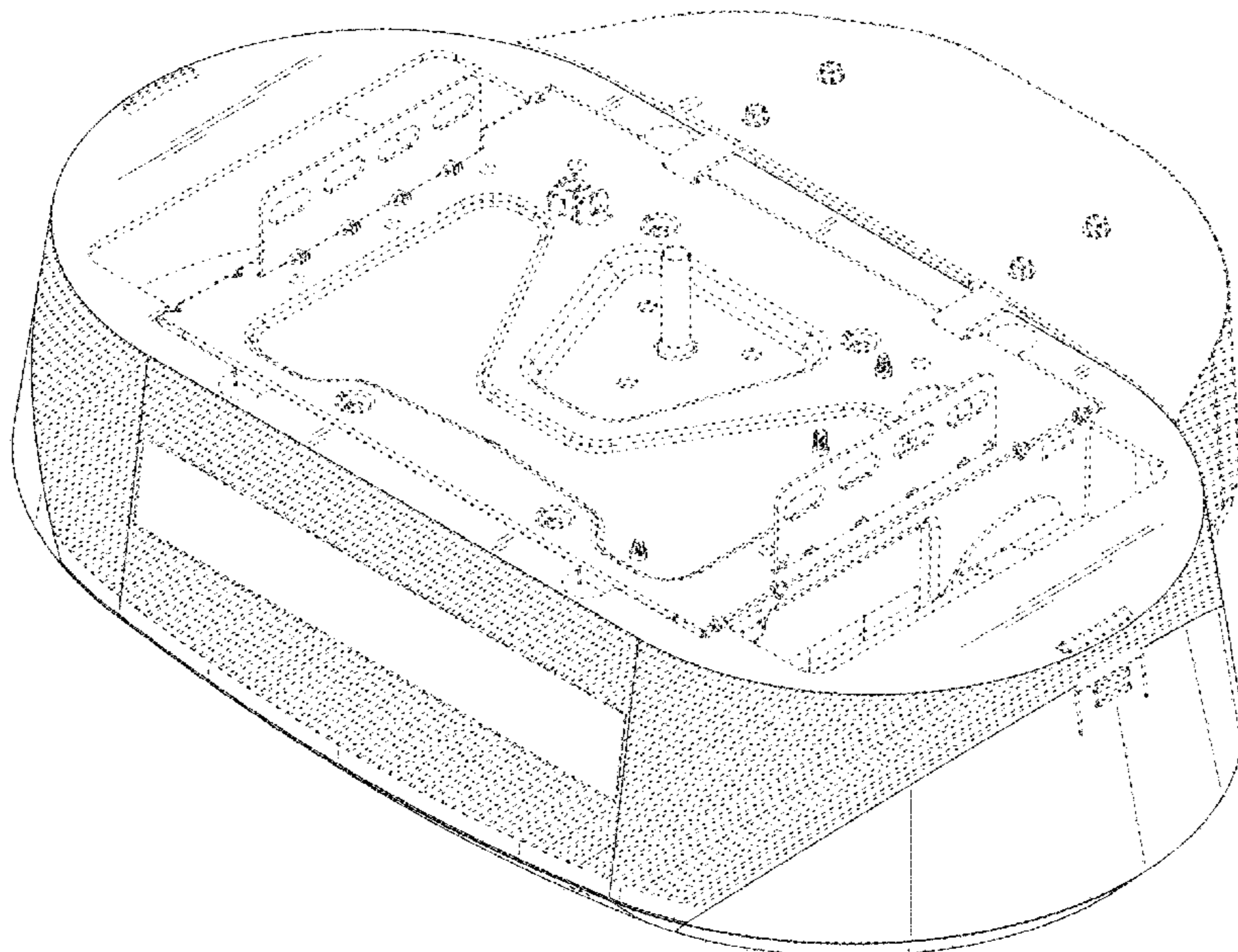
FIG. 1 is a perspective view of a first embodiment of a barrier opener head showing our new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a left side view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a top view thereof; and,
 FIG. 7 is a bottom view thereof.
 The broken lines defining the large rectangle in the center of the barrier opener head as shown in FIG. 2, and also seen in FIGS. 1 and 6 as well as the broken lines defining the large rectangle to the right and above the center of the barrier opener head as shown in FIG. 7 represent the bounds of the claimed design while all other broken lines are directed to environment and are for illustrative purposed only; the broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D221,859 S * 9/1971 Dercoli D15/199
- 3,764,874 A * 10/1973 Geoffrey E05F 15/41
318/266
- 5,589,747 A * 12/1996 Utke E05F 15/668
318/266
- D402,300 S * 12/1998 Doppelt D15/199
- 5,887,929 A * 3/1999 Miller B60R 7/04
296/37.7
- D413,867 S * 9/1999 Mullet D13/162
- D463,466 S * 9/2002 Hoemann D15/199
- D478,605 S * 8/2003 Guzman D13/168
- D486,506 S * 2/2004 Bian D15/148



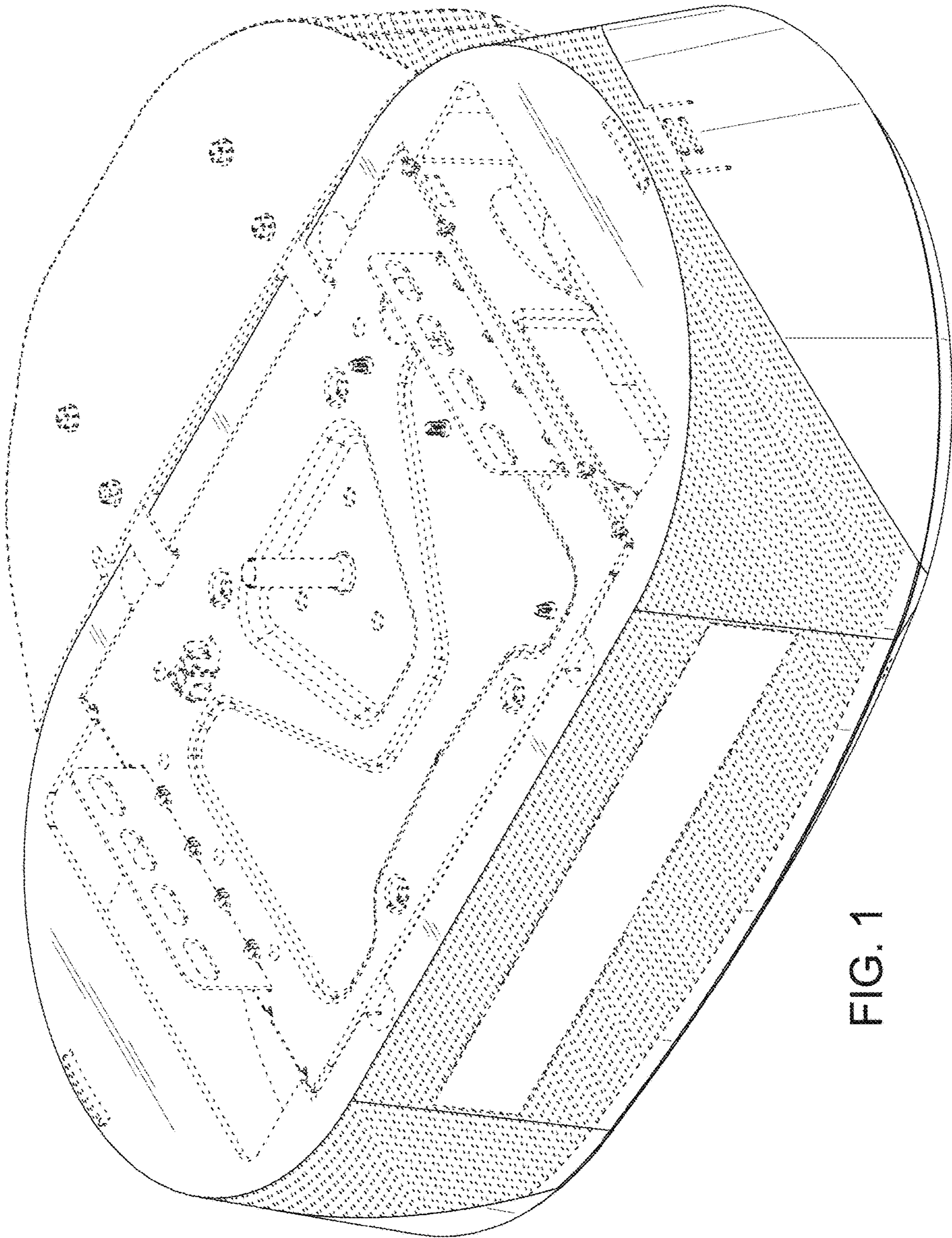


FIG. 1

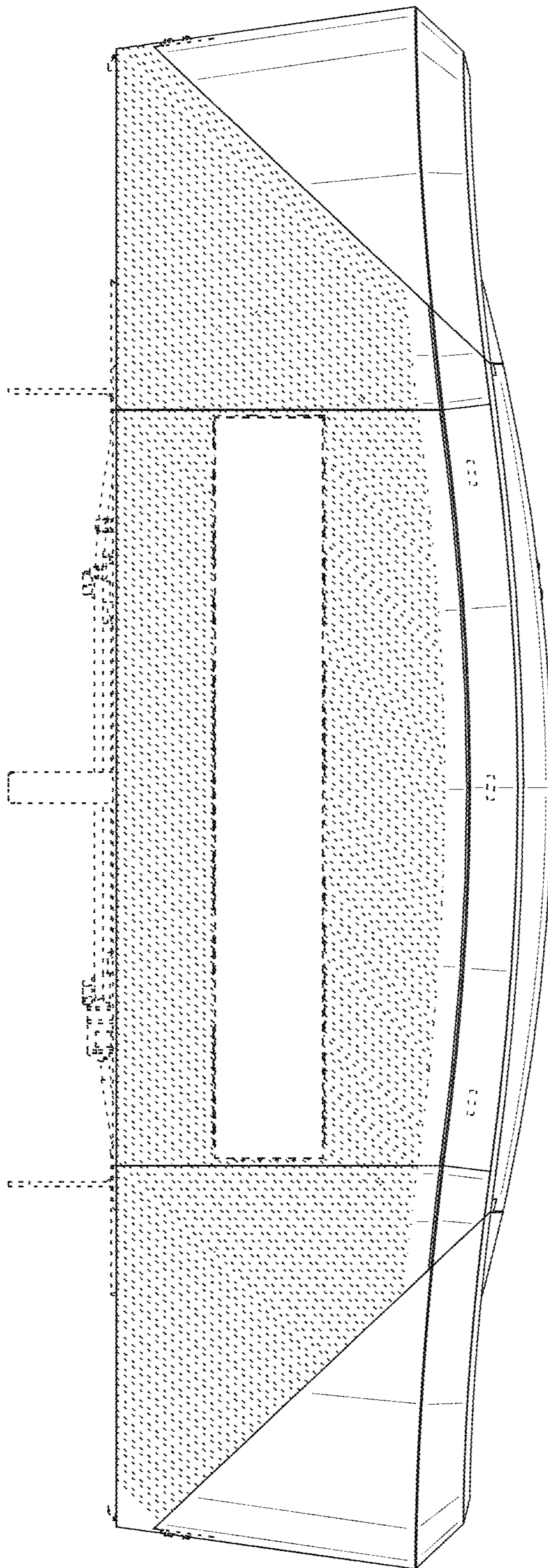


FIG. 2

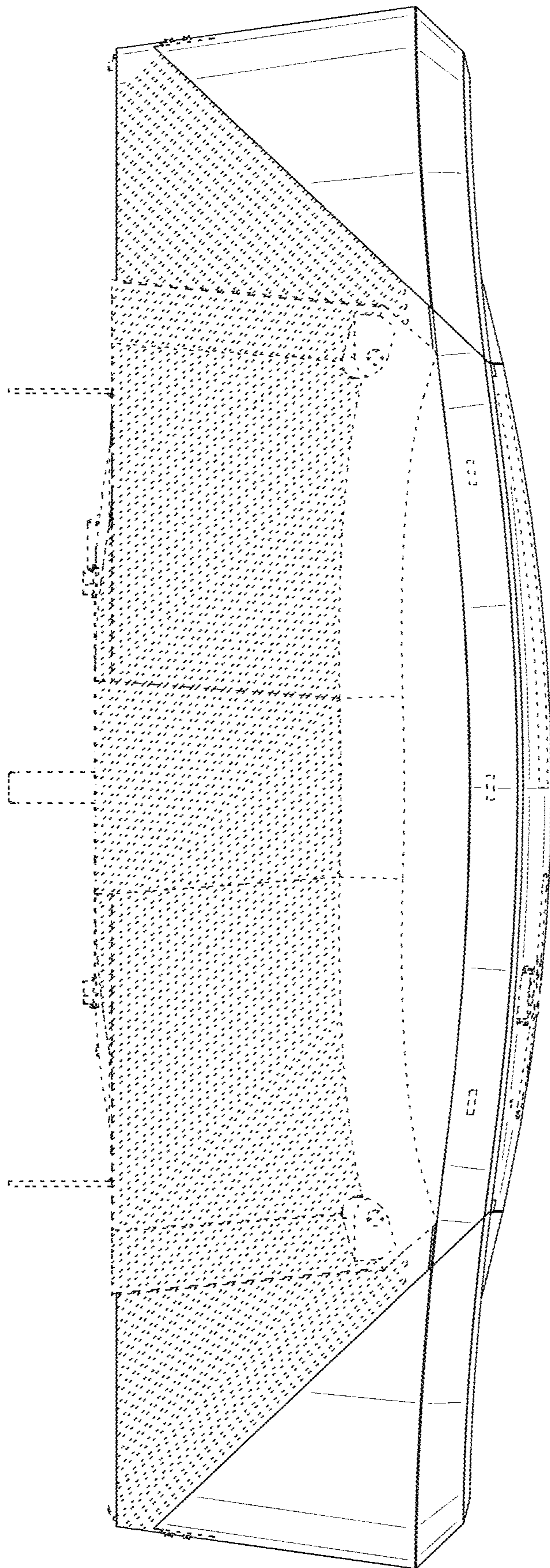


FIG. 3

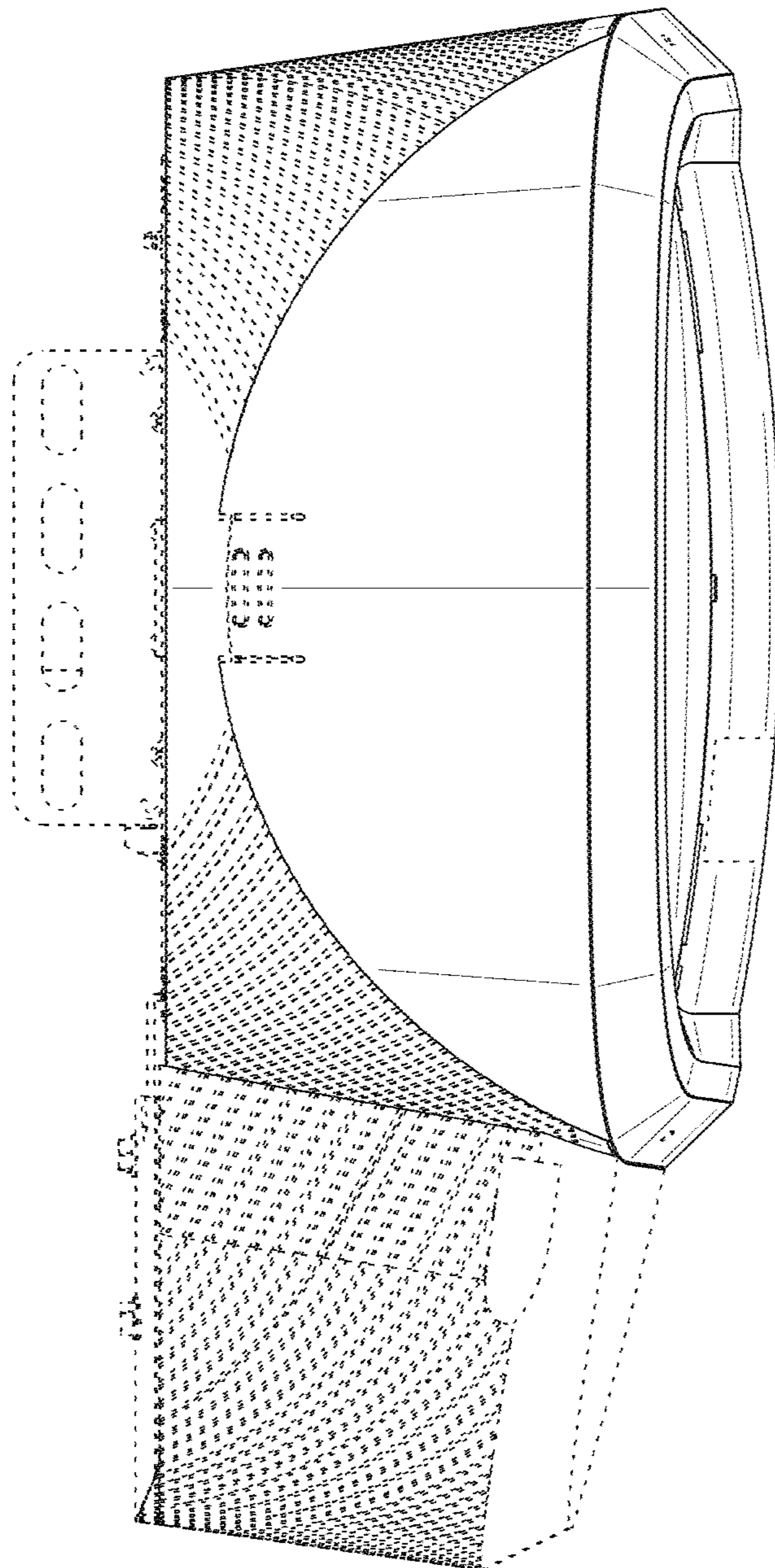


FIG. 4

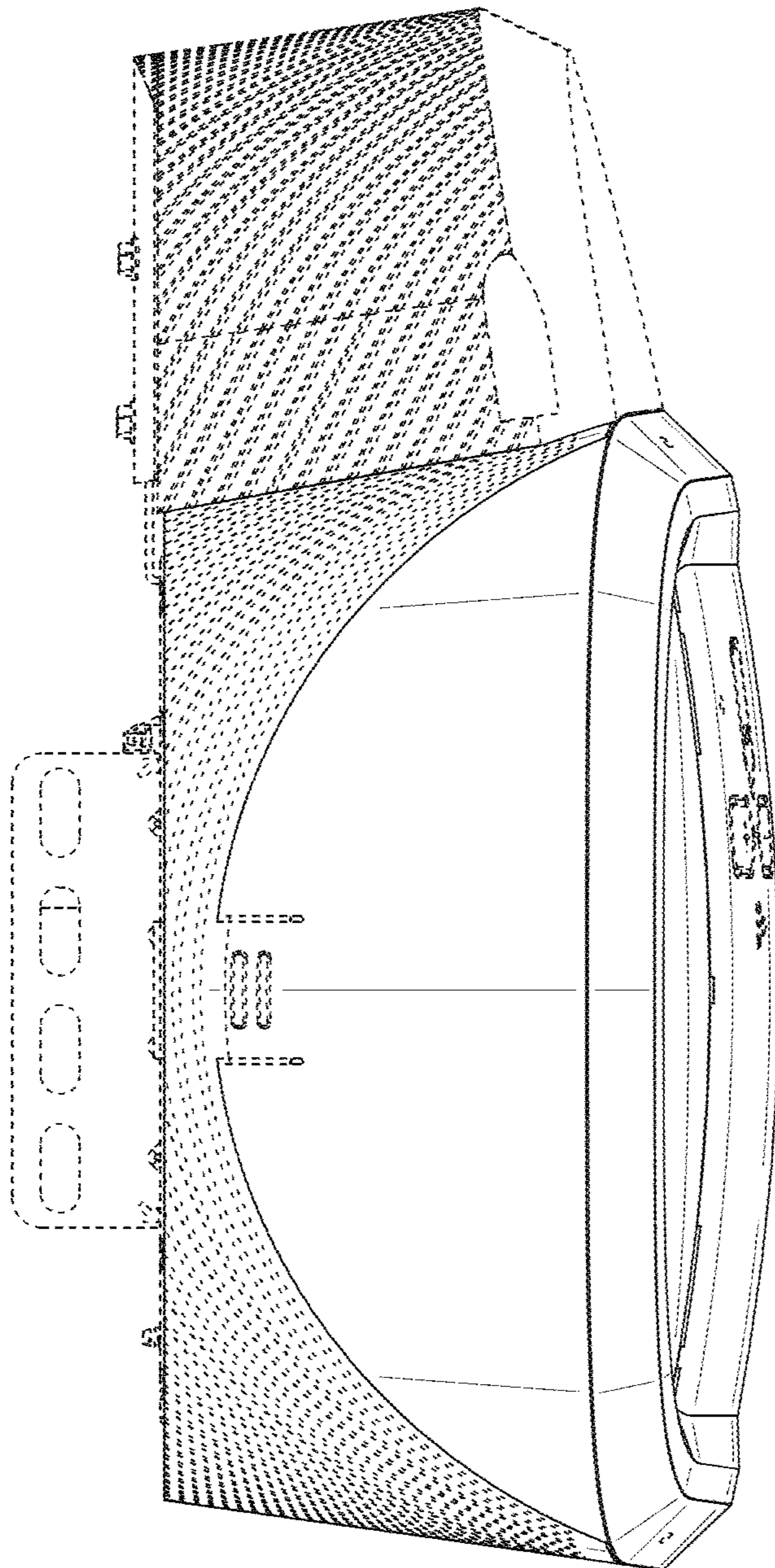


FIG. 5

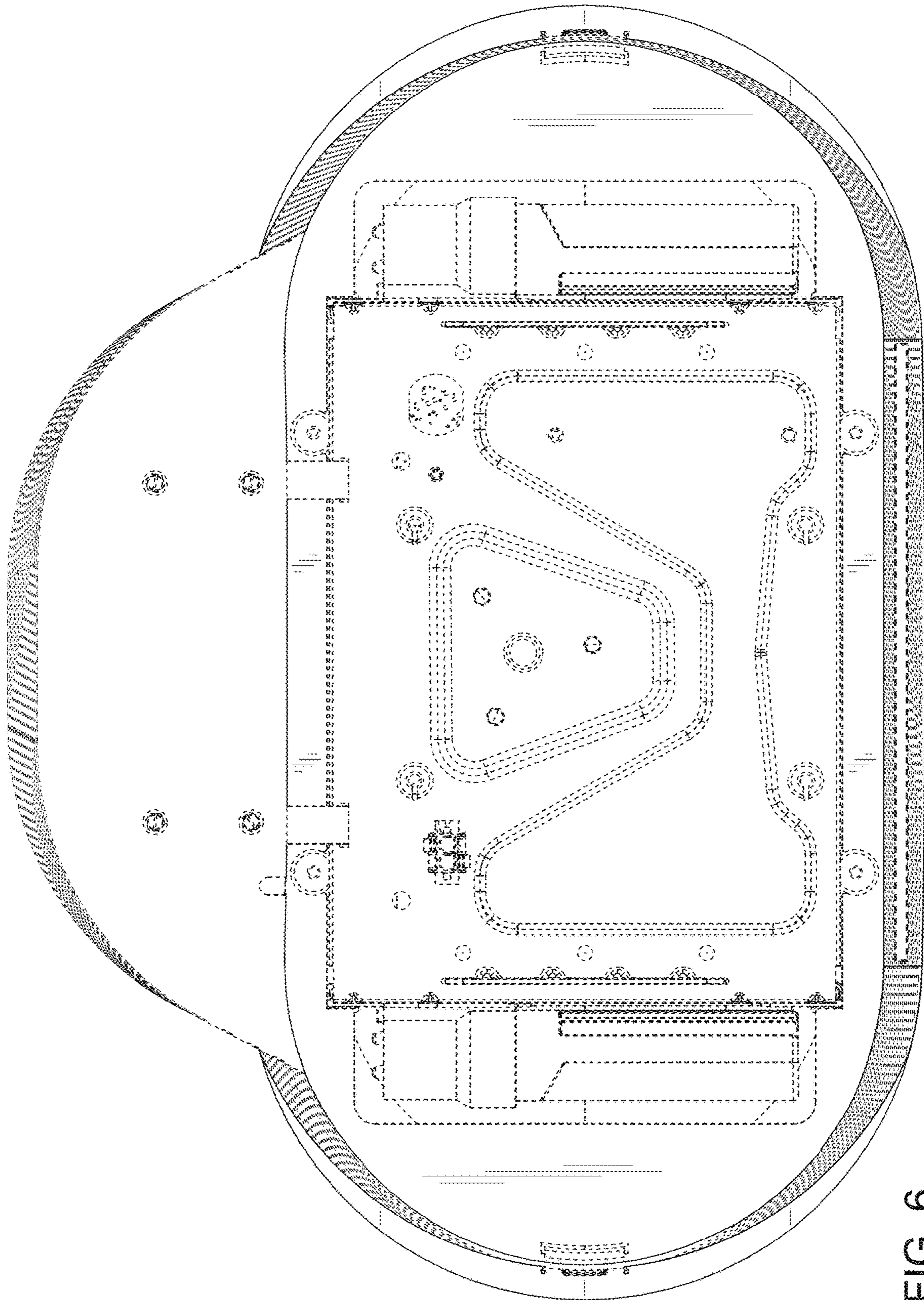


FIG. 6

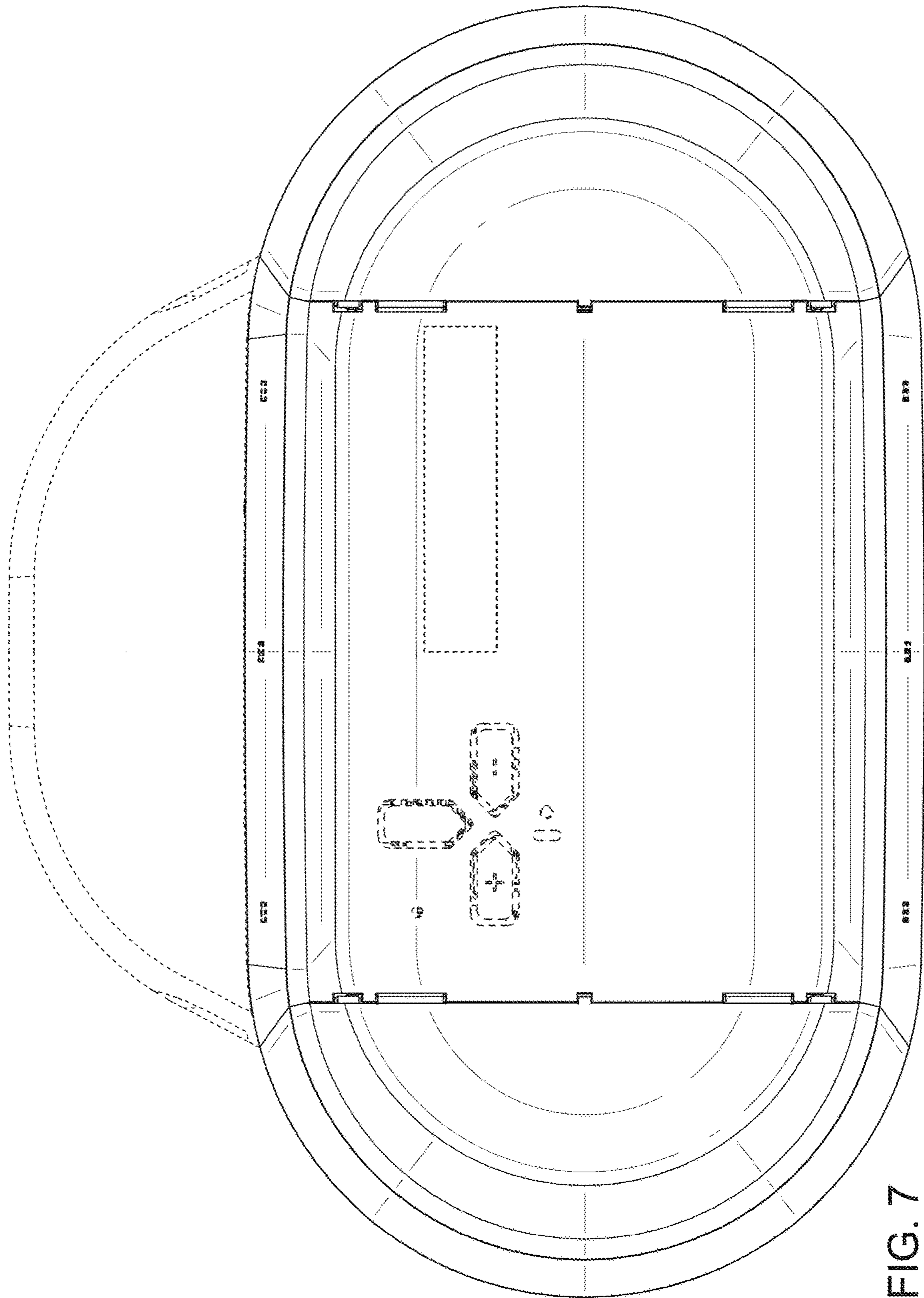


FIG. 7