



US00D812760S

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

(10) **Patent No.:** **US D812,760 S**
(45) **Date of Patent:** **** Mar. 13, 2018**

(54) **MEDICAL DEVICE PROGRAMMER**

D721,180 S * 1/2015 Rollins D24/186
D761,434 S * 7/2016 Nelson D24/186
D788,312 S * 5/2017 Al-Ali D24/186

(71) Applicant: **Medtronic, Inc.**, Minneapolis, MN
(US)

(Continued)

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Woodbury, MN (US); **Stephen M.**
Nelson, Saint Paul, MN (US)

Primary Examiner — Anhdao Doan

(57) **CLAIM**

The ornamental design for a medical device programmer, as shown and described.

DESCRIPTION

(73) Assignee: **Medtronic, Inc.**, Minneapolis, MN
(US)

FIG. 1 is a top perspective view of a medical device programmer including a programmer base and programmer head;

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

FIG. 2 is a top view thereof;

(21) Appl. No.: **29/554,189**

FIG. 3 is a bottom view thereof;

(22) Filed: **Feb. 9, 2016**

FIG. 4 is a front view thereof;

(51) **LOC (11) Cl.** **24-01**

FIG. 5 is a rear view thereof;

(52) **U.S. Cl.**

FIG. 6 is a right side view thereof;

USPC **D24/186**; D24/167

FIG. 7 is a left side view thereof;

(58) **Field of Classification Search**

FIG. 8 is a top perspective view of the programmer base;

USPC D24/185, 186, 107, 165–169, 187, 231,

FIG. 9 is a top view thereof;

D24/232, 200; D10/70, 75, 78, 81, 96

FIG. 10 is a bottom view thereof;

CPC A61B 2560/0443; A61B 5/024; A61B

FIG. 11 is a front view thereof;

5/02411; A61B 5/02427; A61B 5/02438;

FIG. 12 is a rear view thereof;

A61B 2560/0462; A61B 5/0031; A61N

FIG. 13 is a right side view thereof;

1/37; A61N 1/3702; A61N 1/3706; A61N

FIG. 14 is a left side view thereof;

1/37211; A61N 1/37235; A61N 1/37247;

FIG. 15 is a top perspective view of the programmer head;

A61N 1/362

FIG. 16 is a top view thereof;

See application file for complete search history.

FIG. 17 is a bottom view thereof;

(56) **References Cited**

U.S. PATENT DOCUMENTS

D663,732 S * 7/2012 Desmarais D24/107
D679,813 S * 4/2013 Ashkenazi D24/167
D702,355 S * 4/2014 Laplante D24/186
D715,665 S * 10/2014 Park D10/70

FIG. 18 is a front view thereof;

FIG. 19 is a rear view thereof;

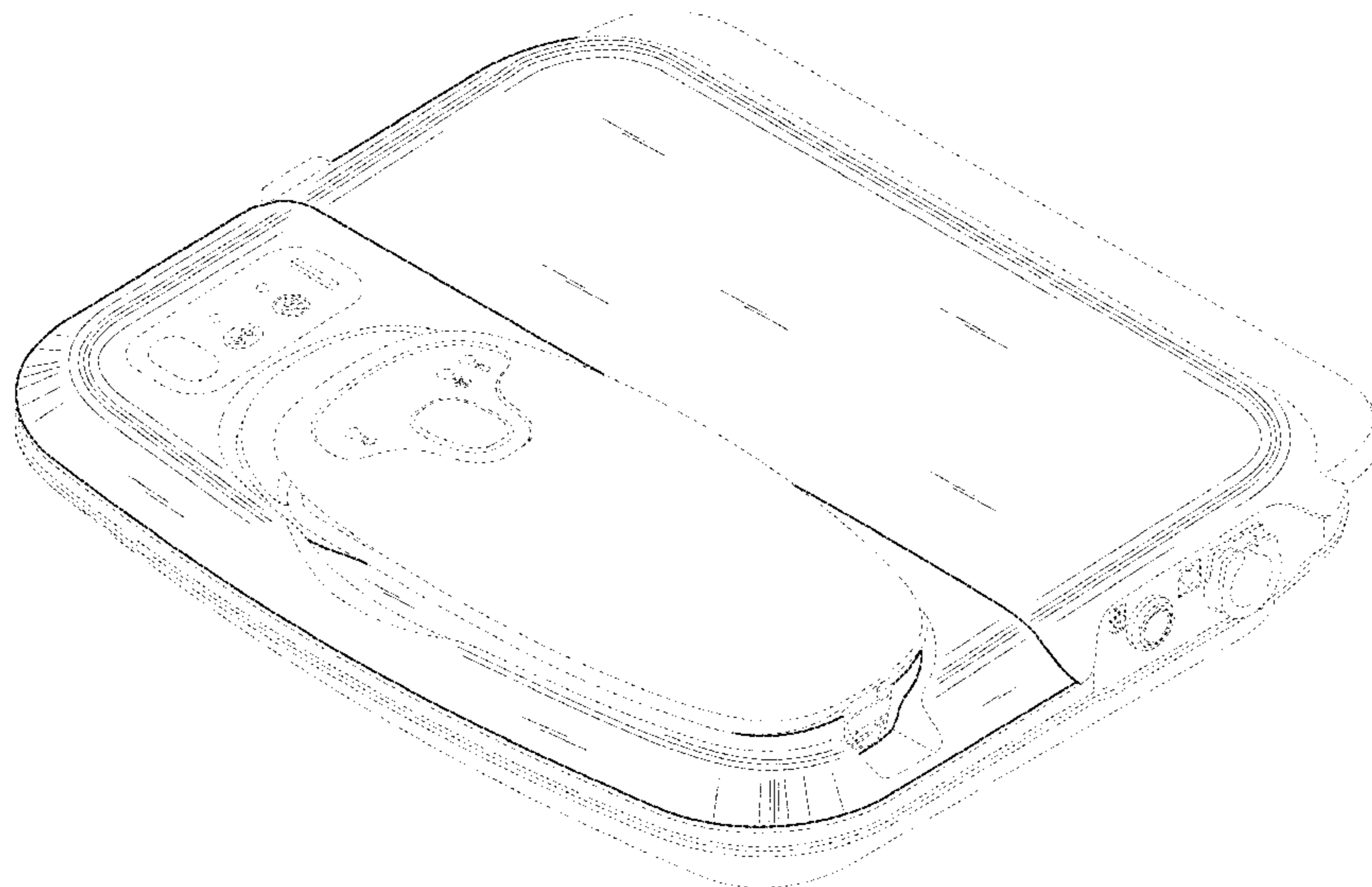
FIG. 20 is a right side view thereof;

FIG. 21 is a left side view thereof; and,

FIG. 22 is a top perspective view of the medical device programmer in an alternative configuration.

The broken lines immediately adjacent to the shaded areas represent the boundaries of the claim, and all other broken lines represent the environment; the broken lines form no part of the claimed design.

1 Claim, 22 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2005/0075687 A1* 4/2005 Phillips A61N 1/37235
607/60
2012/0215284 A1* 8/2012 Berg A61N 1/37235
607/59

* cited by examiner

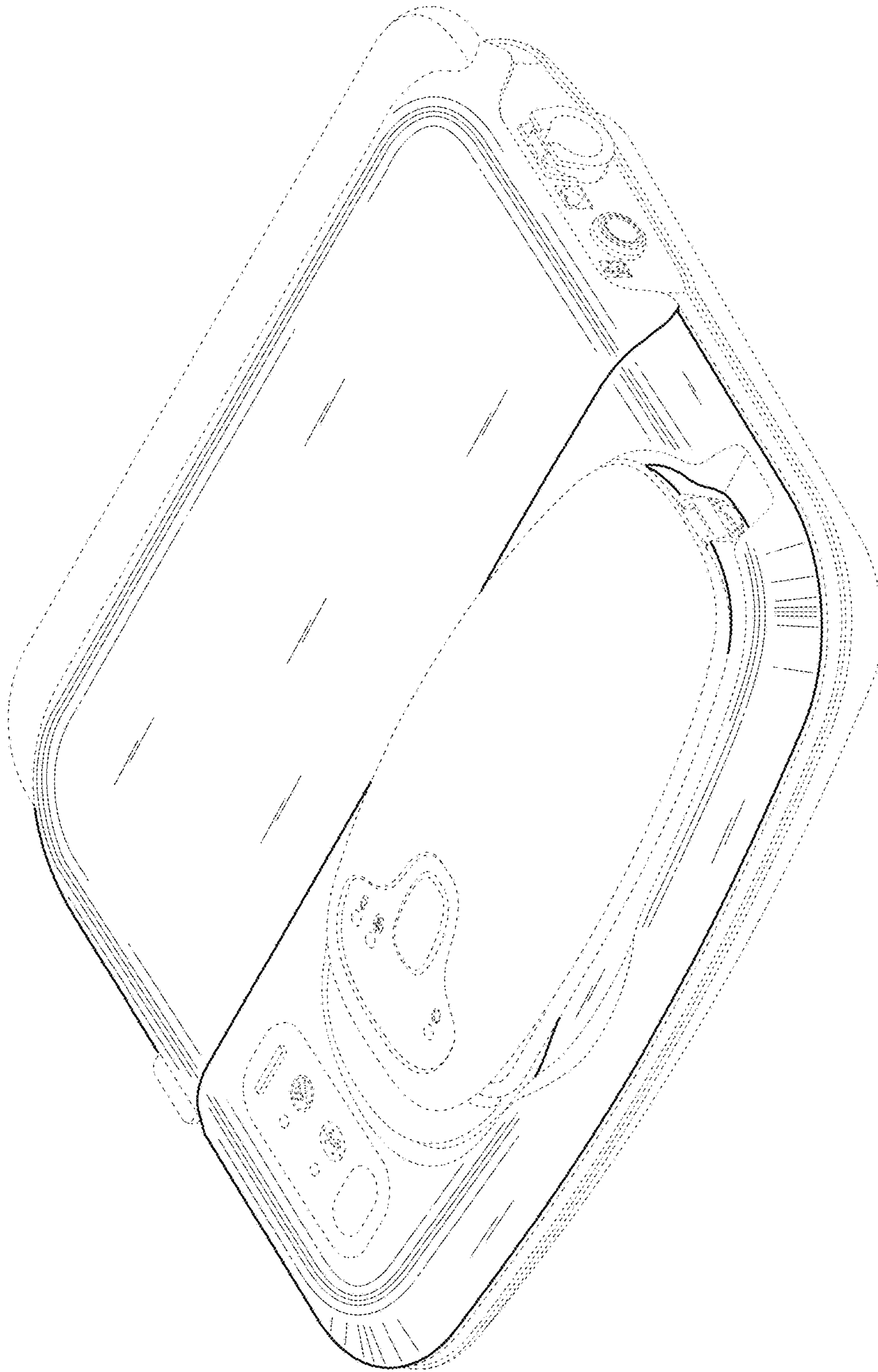


Fig. 1

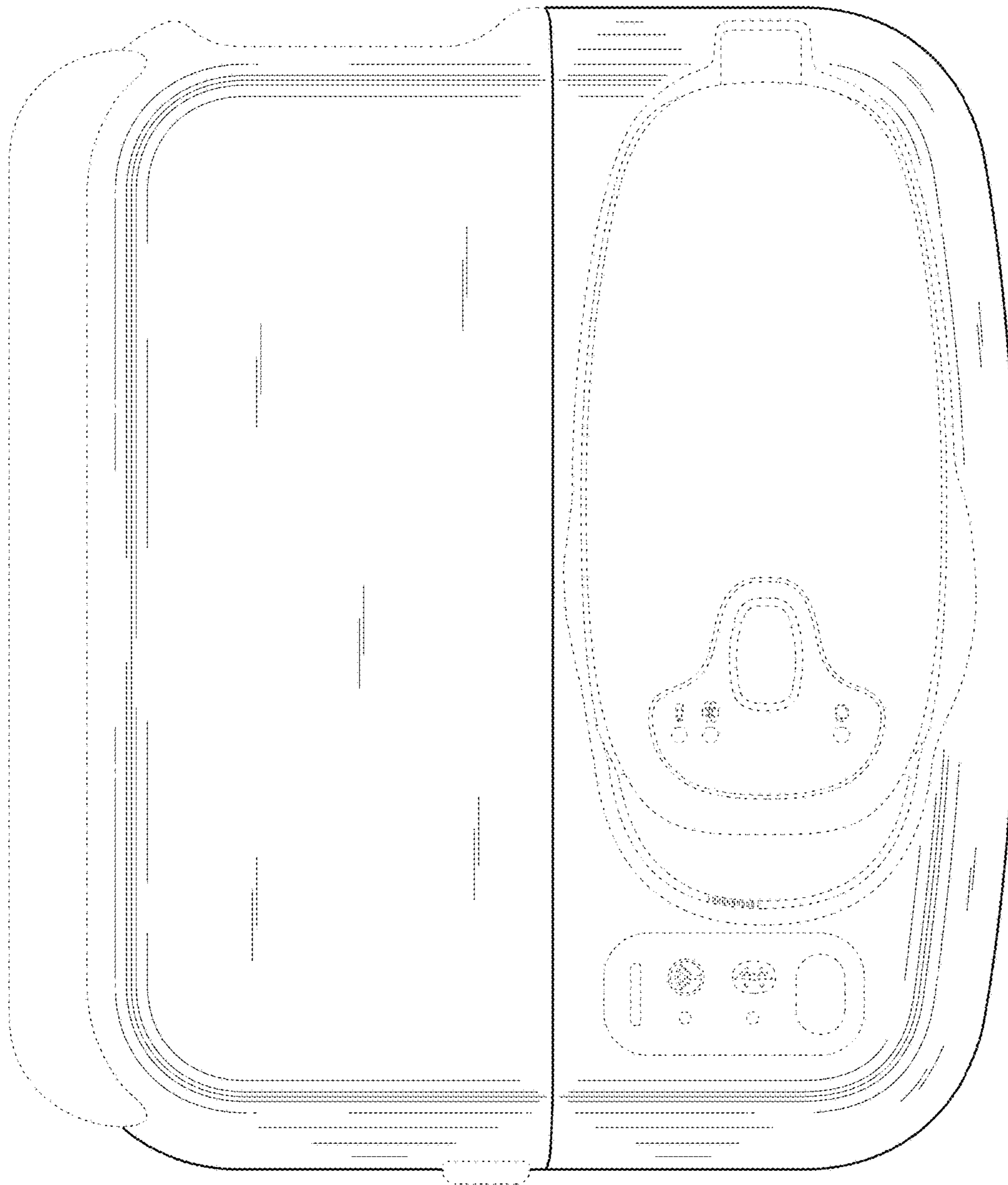


Fig. 2

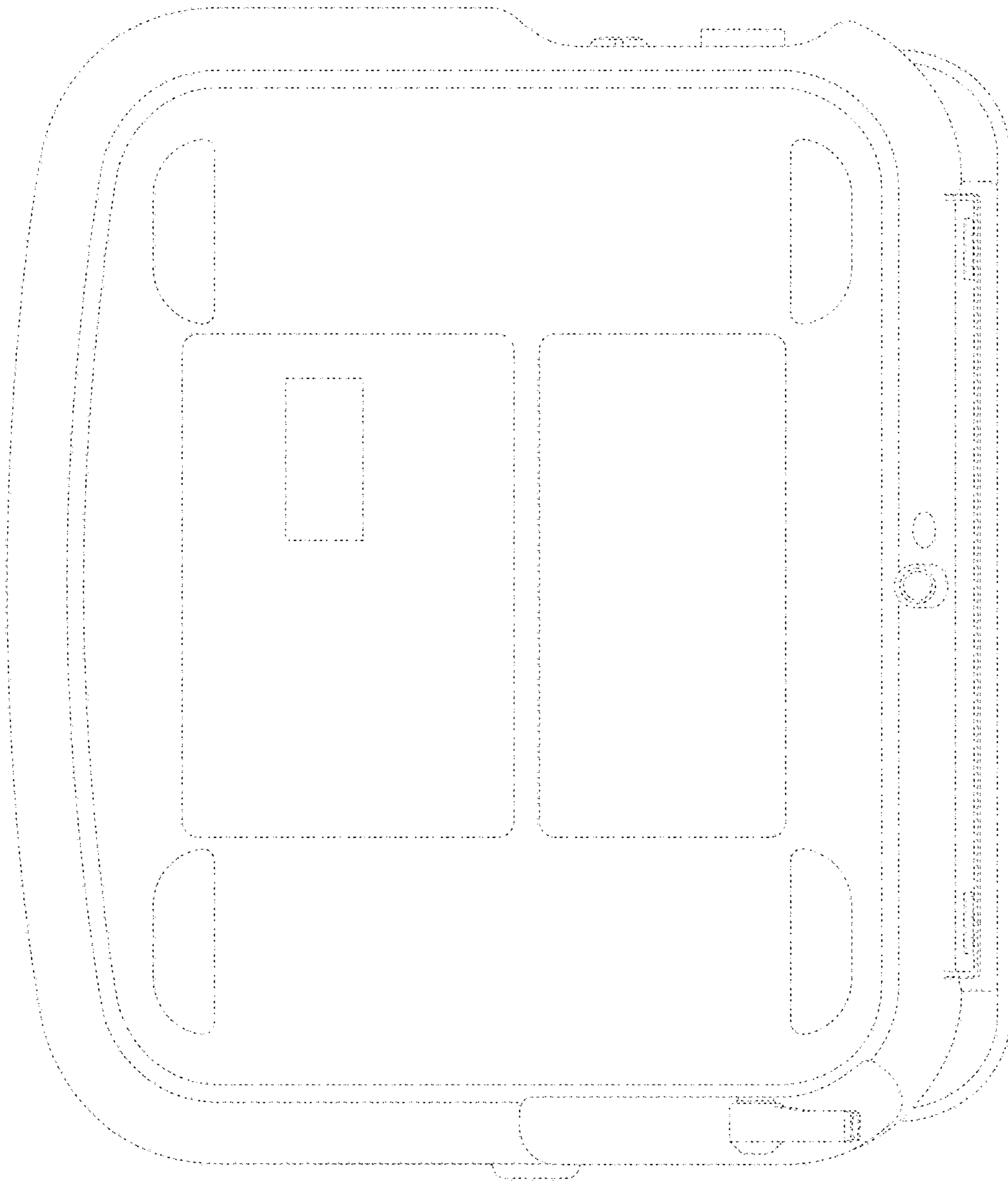


Fig. 3

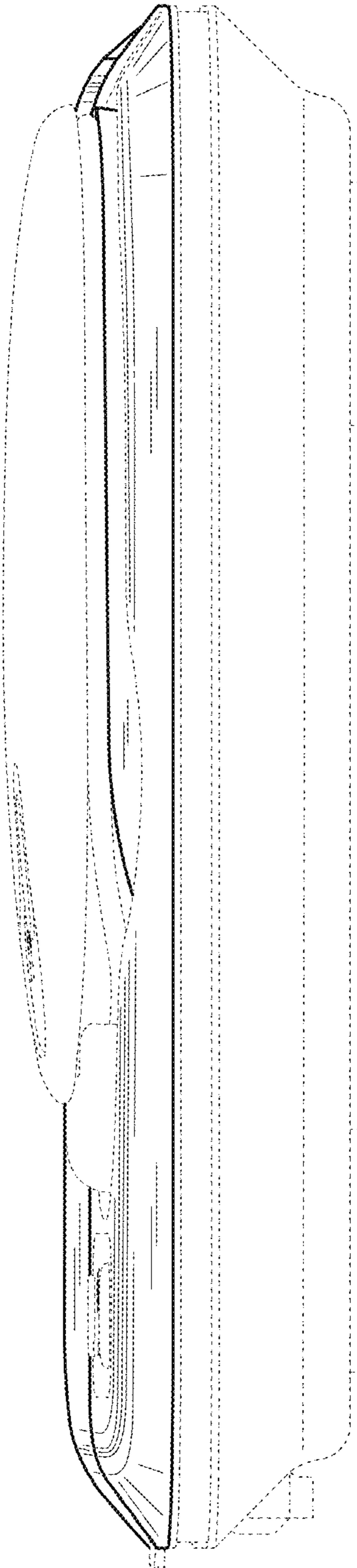


Fig. 4

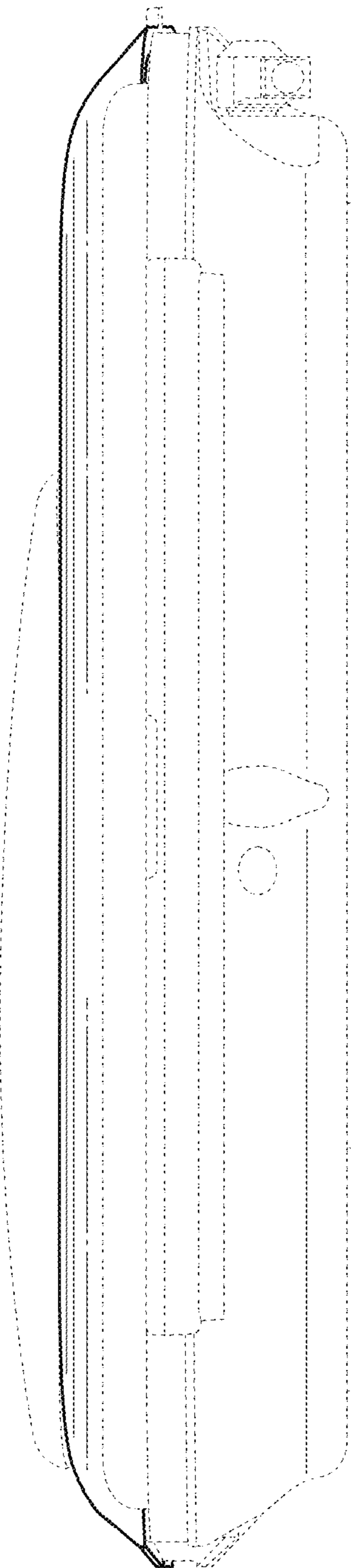


Fig. 5

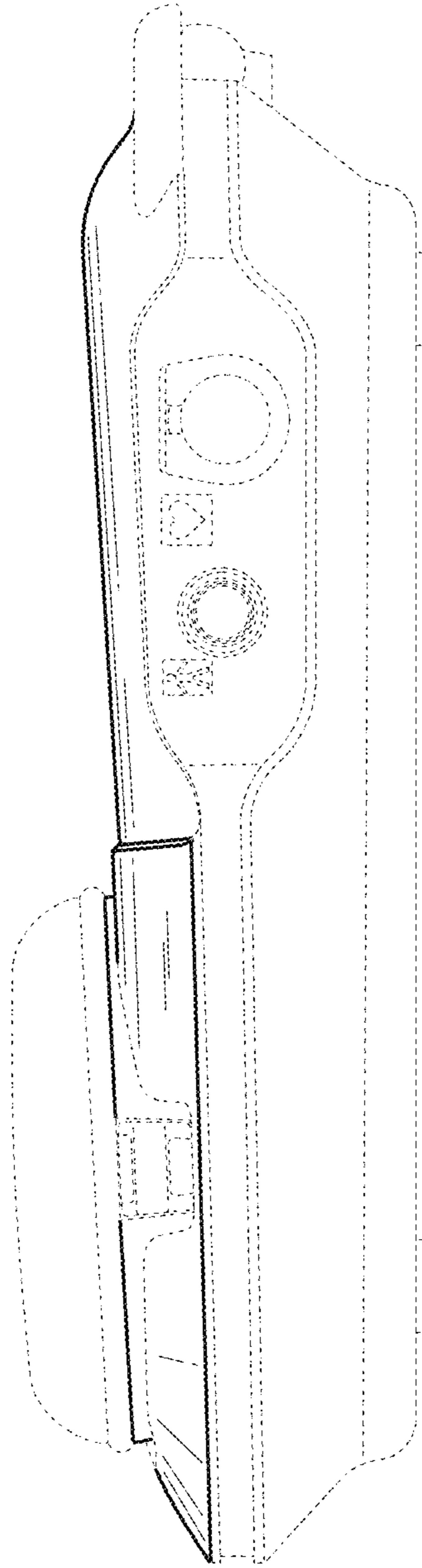


Fig. 6

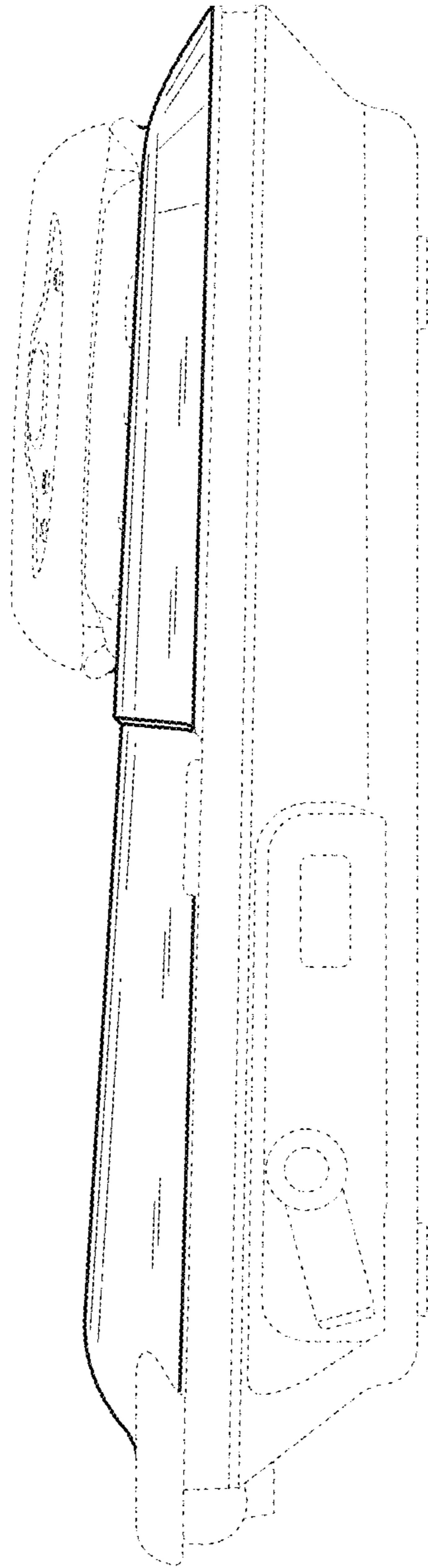


Fig. 7

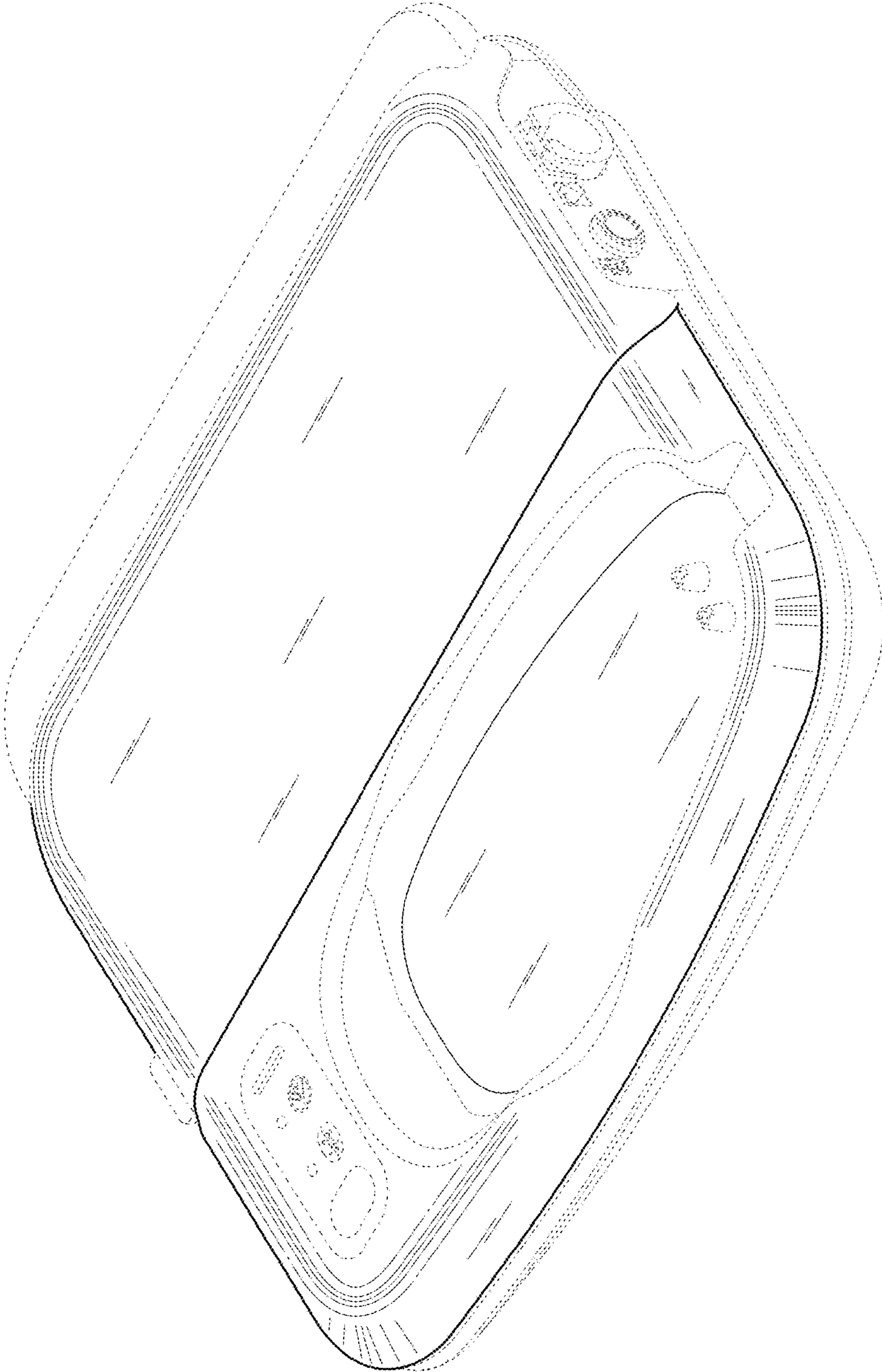


Fig. 8

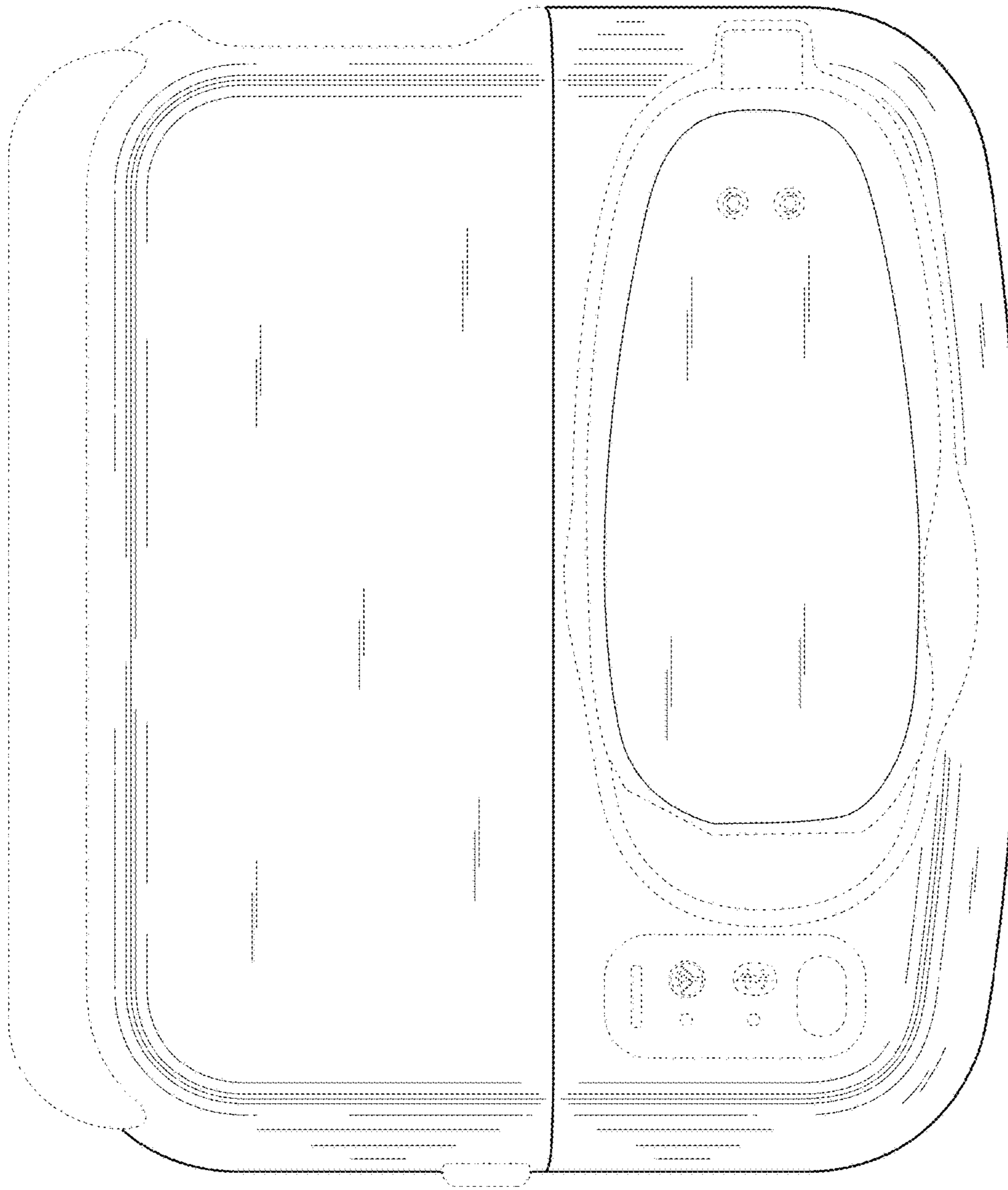


Fig. 9

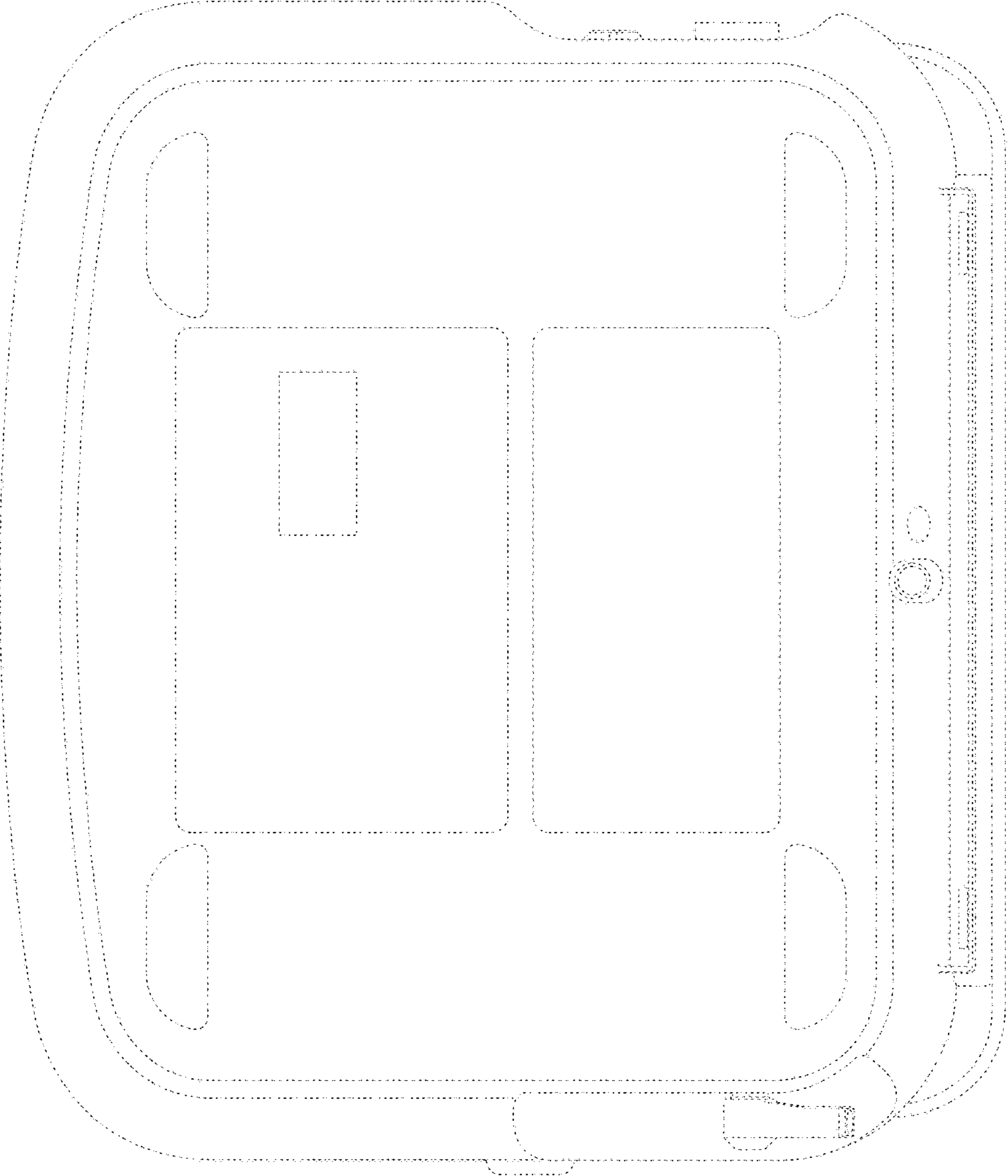


Fig. 10

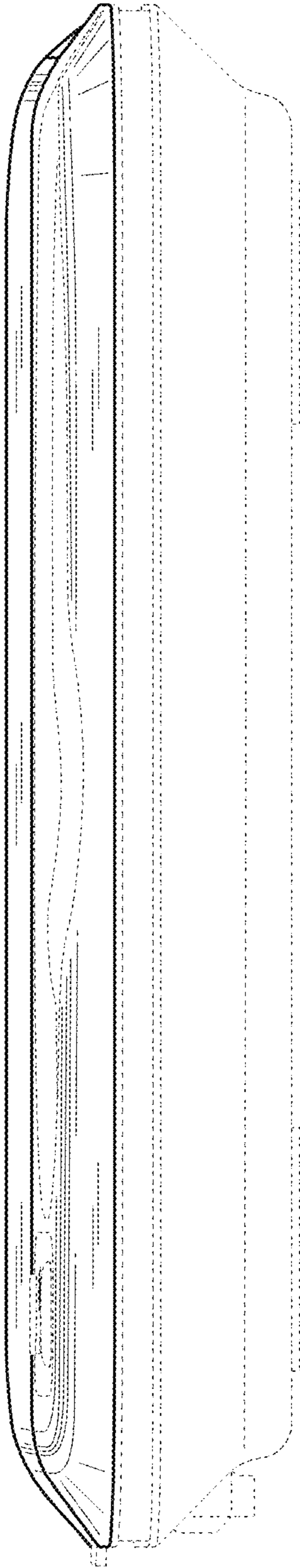


Fig. 11

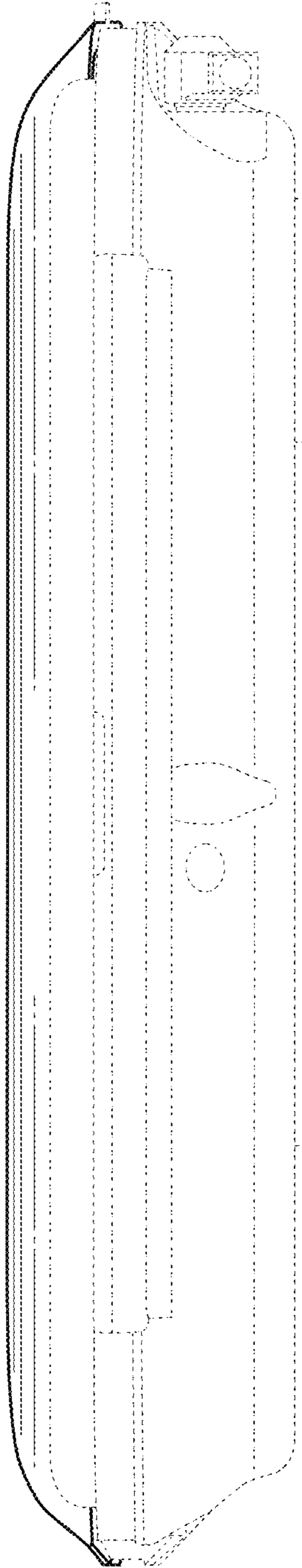


Fig. 12

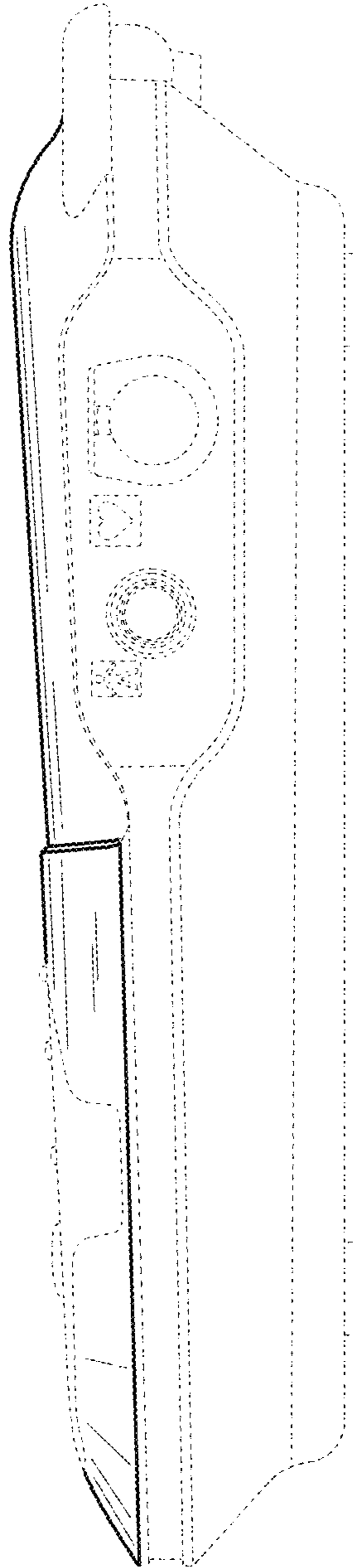


Fig. 13

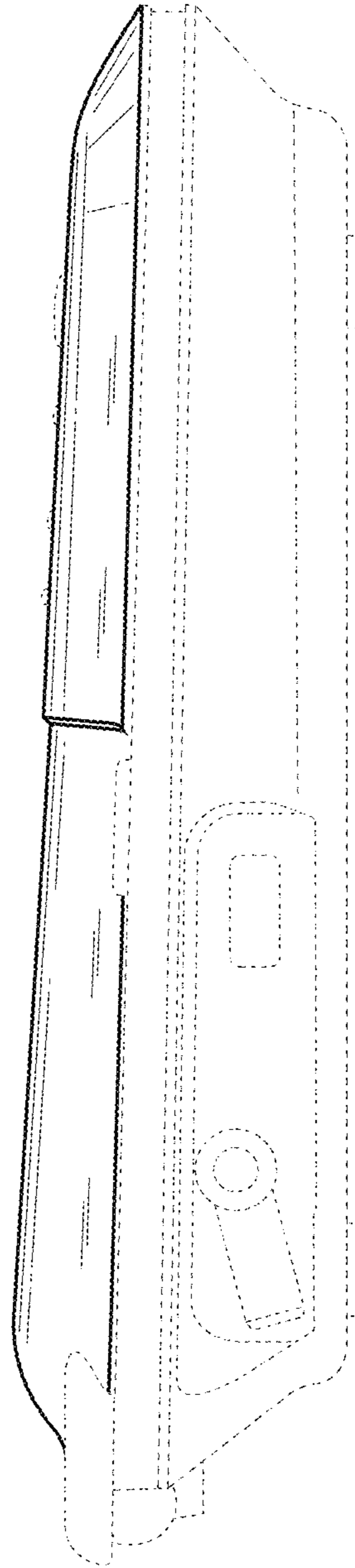


Fig. 14

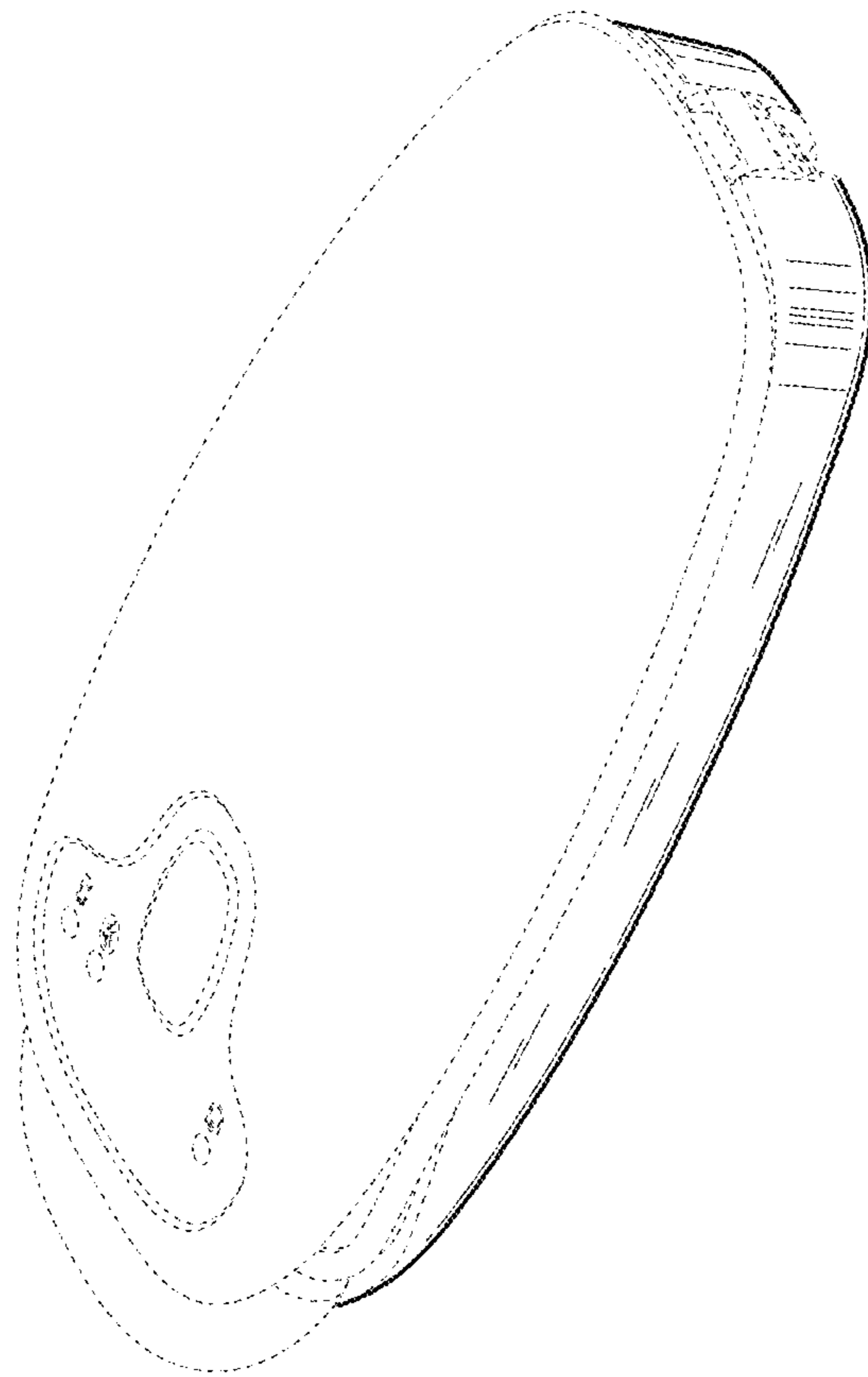


Fig. 15

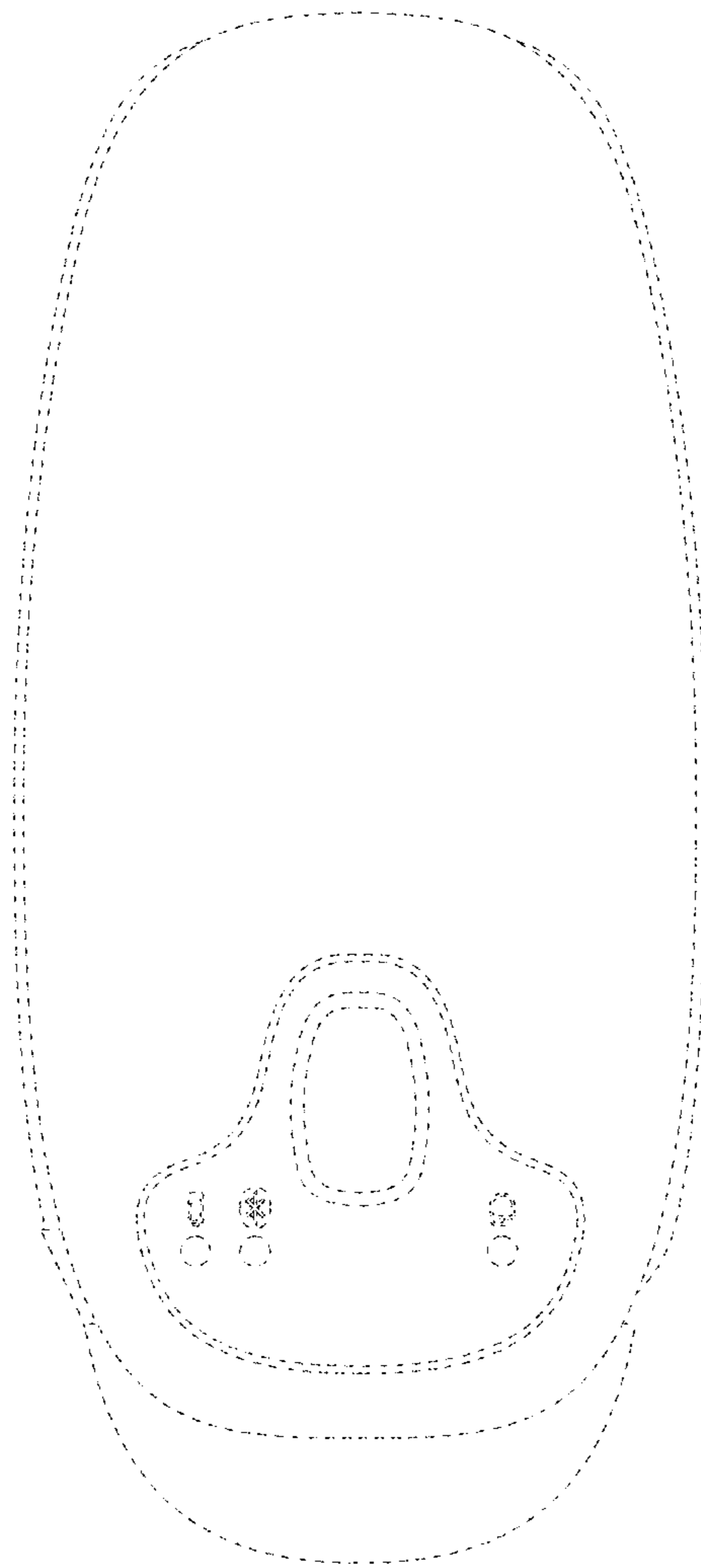


Fig. 16

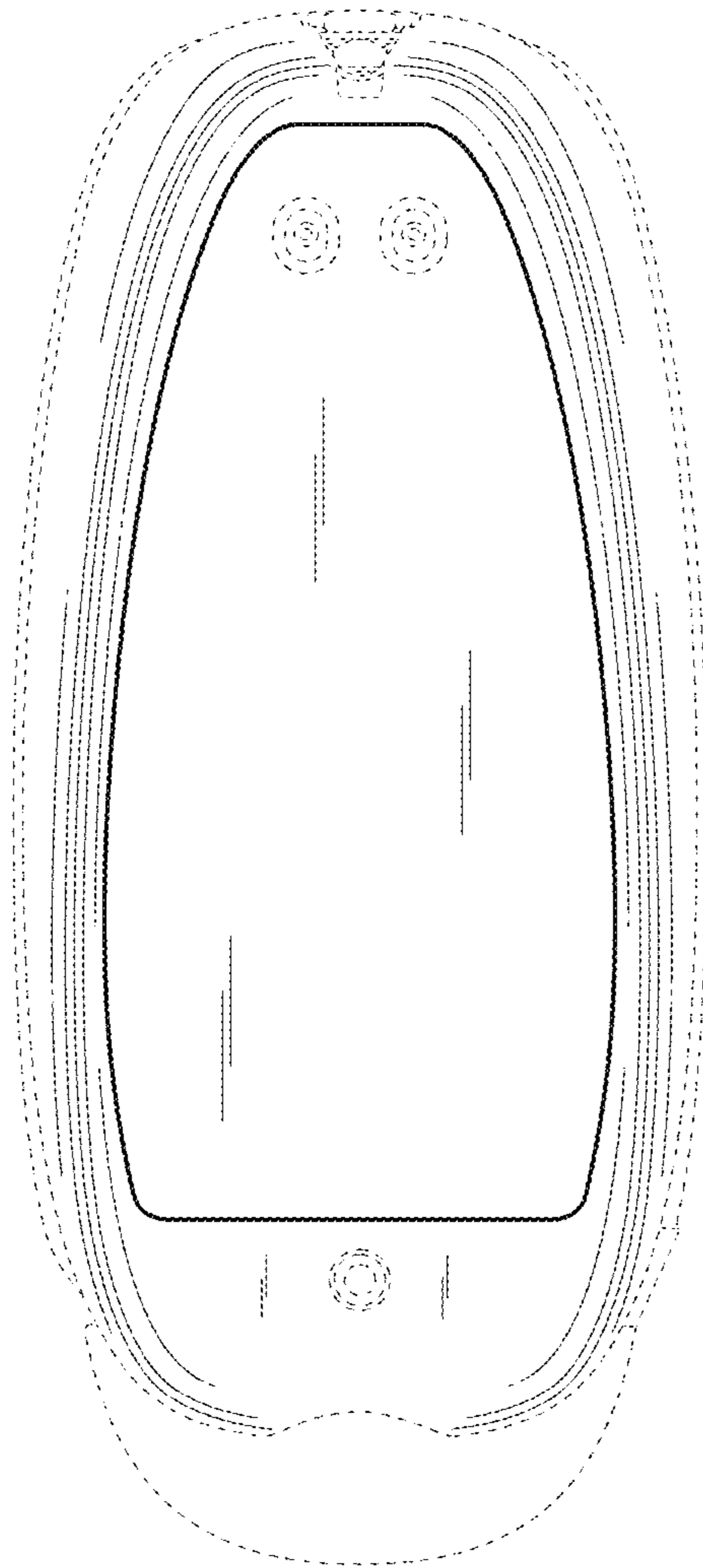


Fig. 17

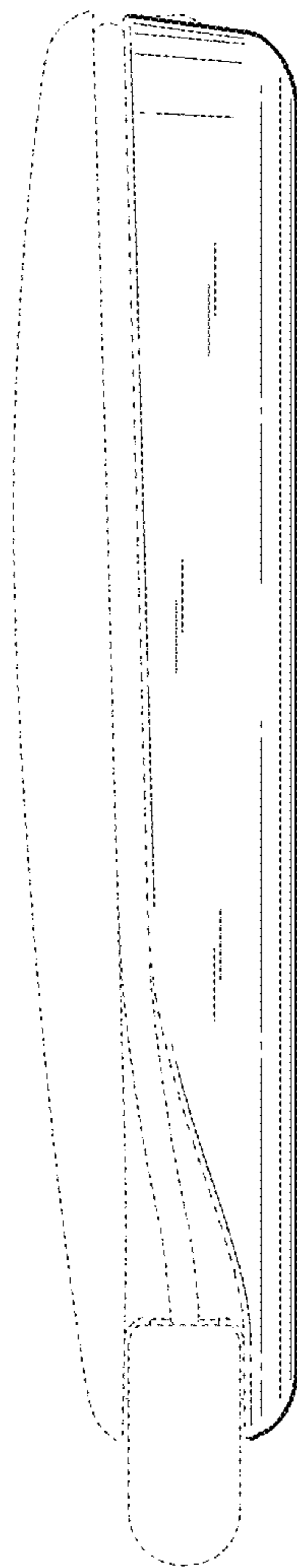


Fig. 18

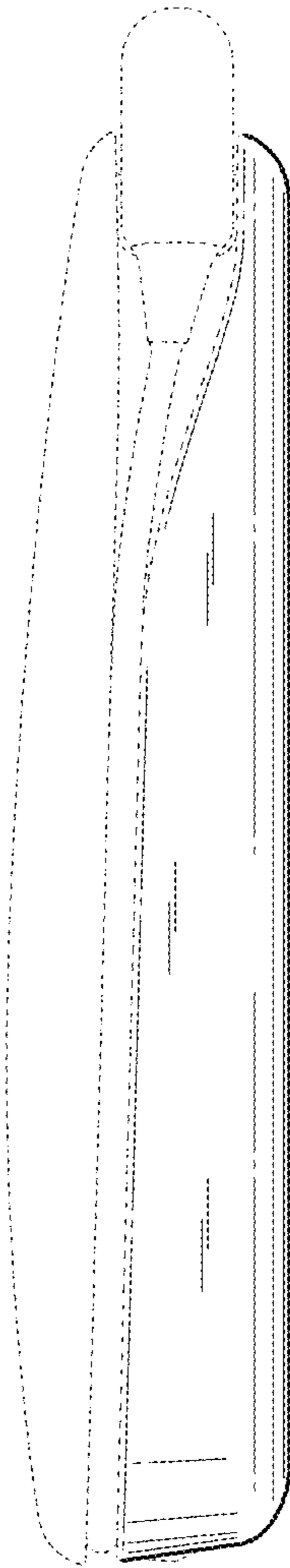


Fig. 19

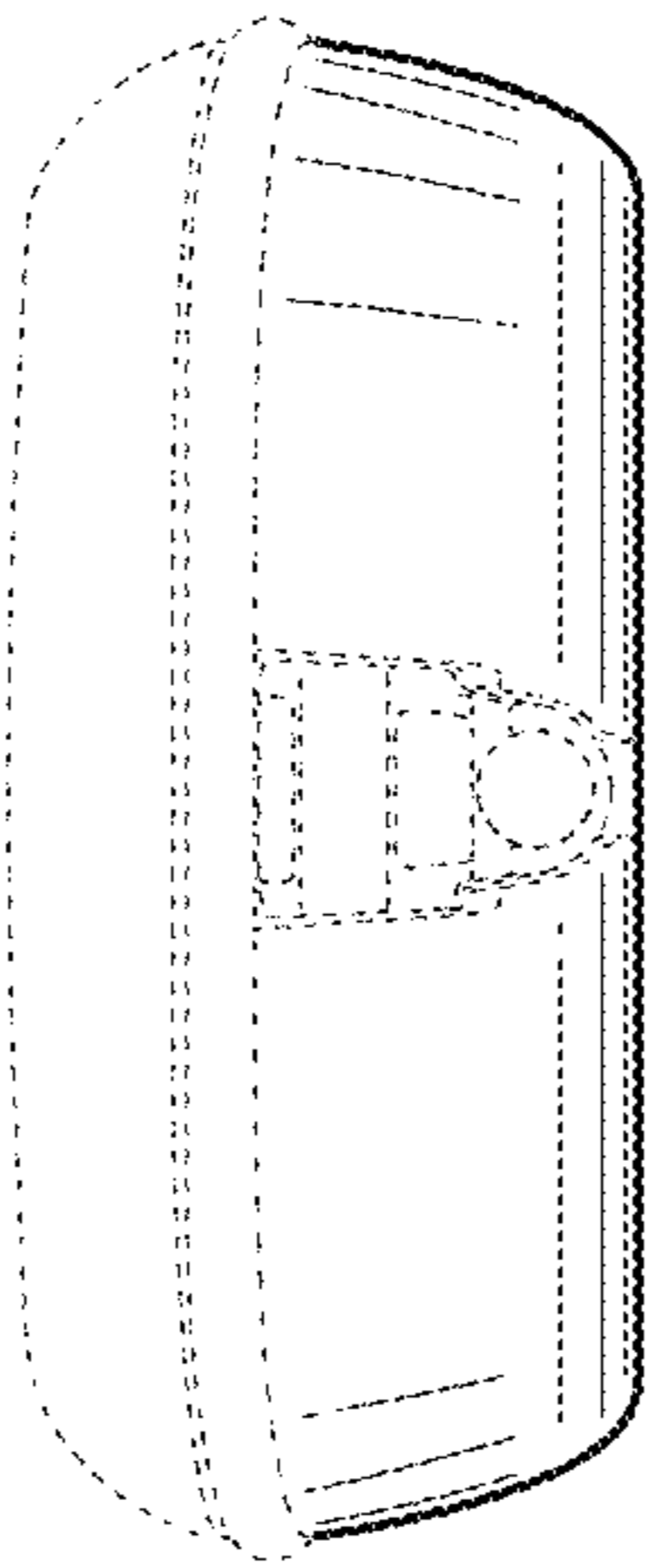


Fig. 20

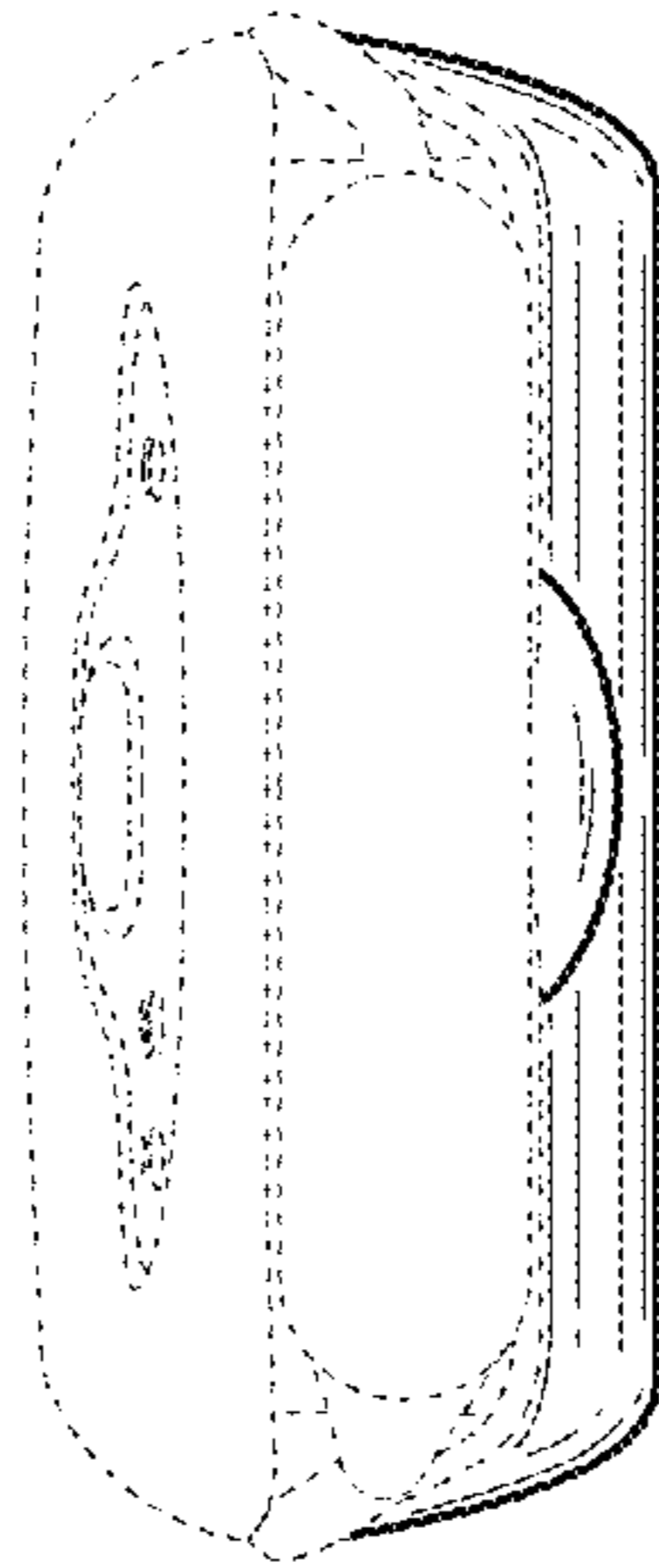


Fig. 21

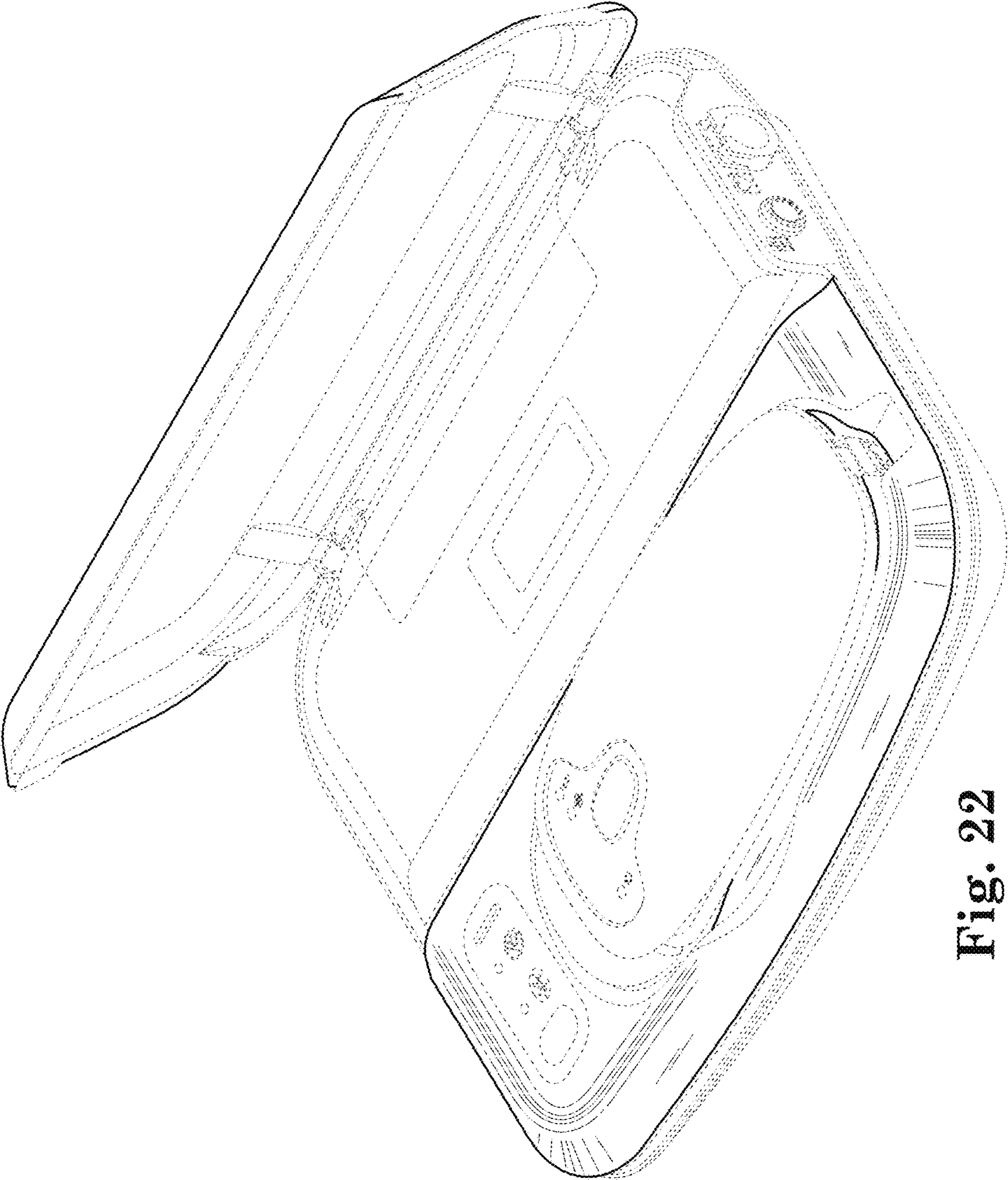


Fig. 22