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

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(54) **HUMAN BODY DETECTOR**

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(73) Assignee: **OPTEX CO., LTD.** (JP)

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**Related U.S. Application Data**

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** ..... **10-04**

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(58) **Field of Classification Search**

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21/0238; G08B 21/0241; G08B 21/0244; G08B 21/0247; G08B 21/025; G08B 21/0252; G08B 21/0258; G08B 21/0261; G08B 21/0263; G08B 21/0266; G08B (Continued)

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*Primary Examiner* — Antoine Duval Davis

(57) **CLAIM**

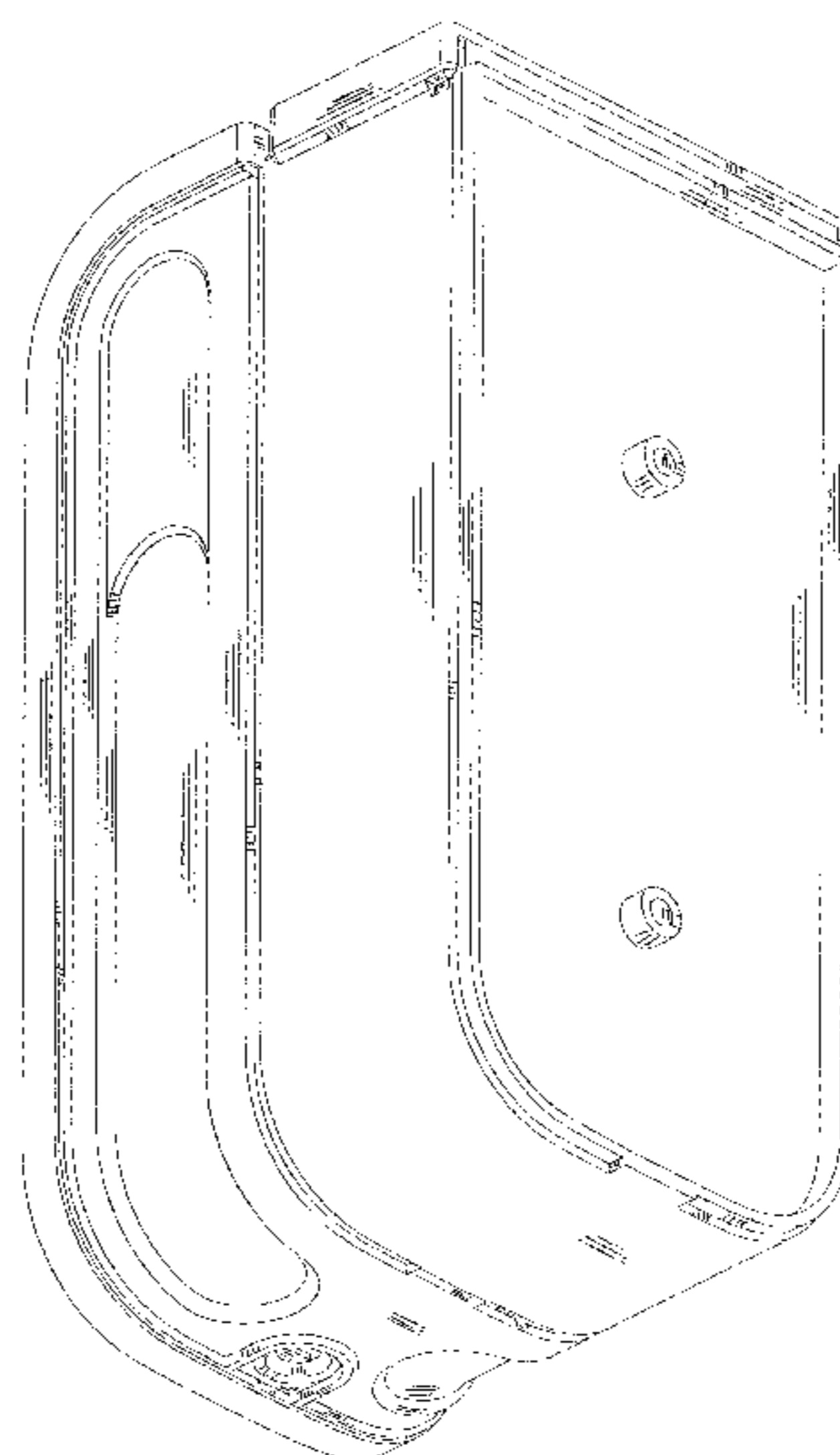
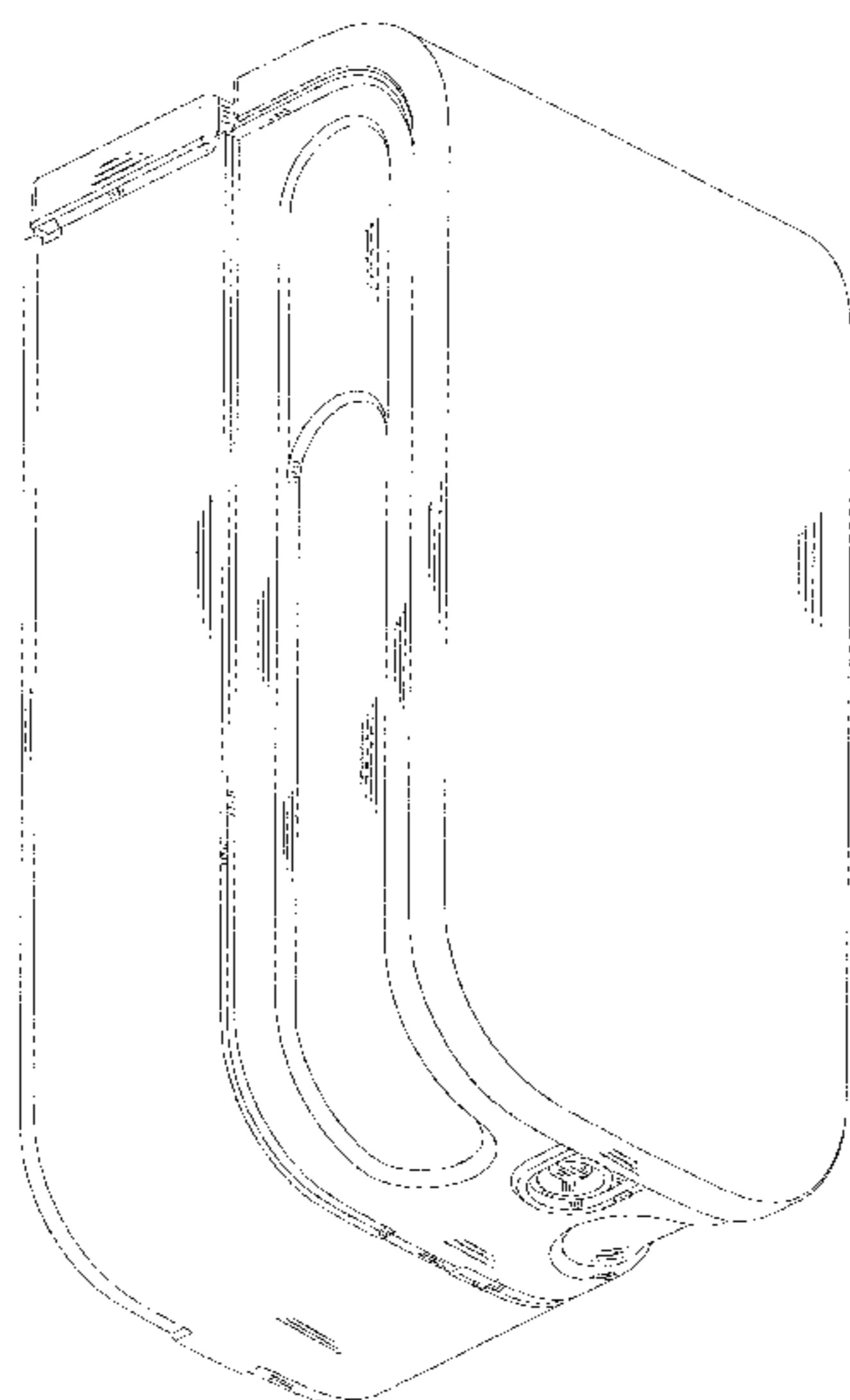
The ornamental design for a human body detector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a human body detector; FIG. 2 is a rear elevational view thereof; FIG. 3 is a left side elevational view thereof, the right side view being a mirror image of that shown; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a front low perspective view thereof; FIG. 7 is a rear high perspective view thereof; FIG. 8 is a front high perspective view thereof; and, FIG. 9 is a rear low perspective view thereof.

The subject detector is mounted on a support member such as a wall to detect a human body approaching the wall. The subject detector has a sensor detector and a container box. The container box accommodating a battery, a wireless transmitter, etc., is fixed to the sensor detector body and then the container box is mounted on a support member. The subject detector detects far-infrared rays from a human body, which rays enter through sensing surfaces on side portions of the detector body.

**1 Claim, 9 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 21/0269; G08B 21/0272; G08B 21/0275;  
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 G08B 23/00; G08B 13/00; G08B 13/02;  
 G08B 13/04; G08B 13/06; G08B 13/08;  
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 G08B 13/2485; G08B 13/2488; G08B  
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See application file for complete search history.

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Fig. 1

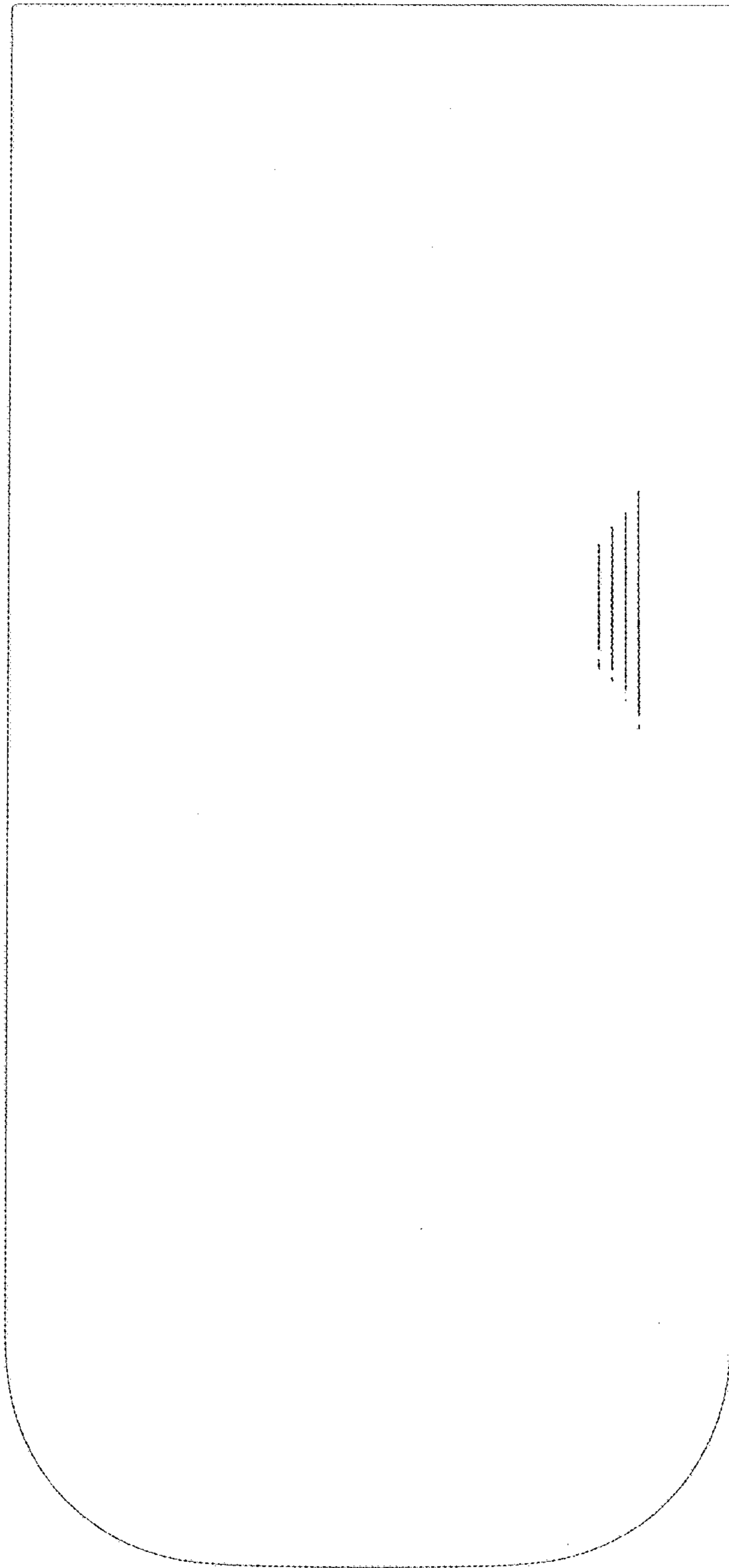




Fig. 2

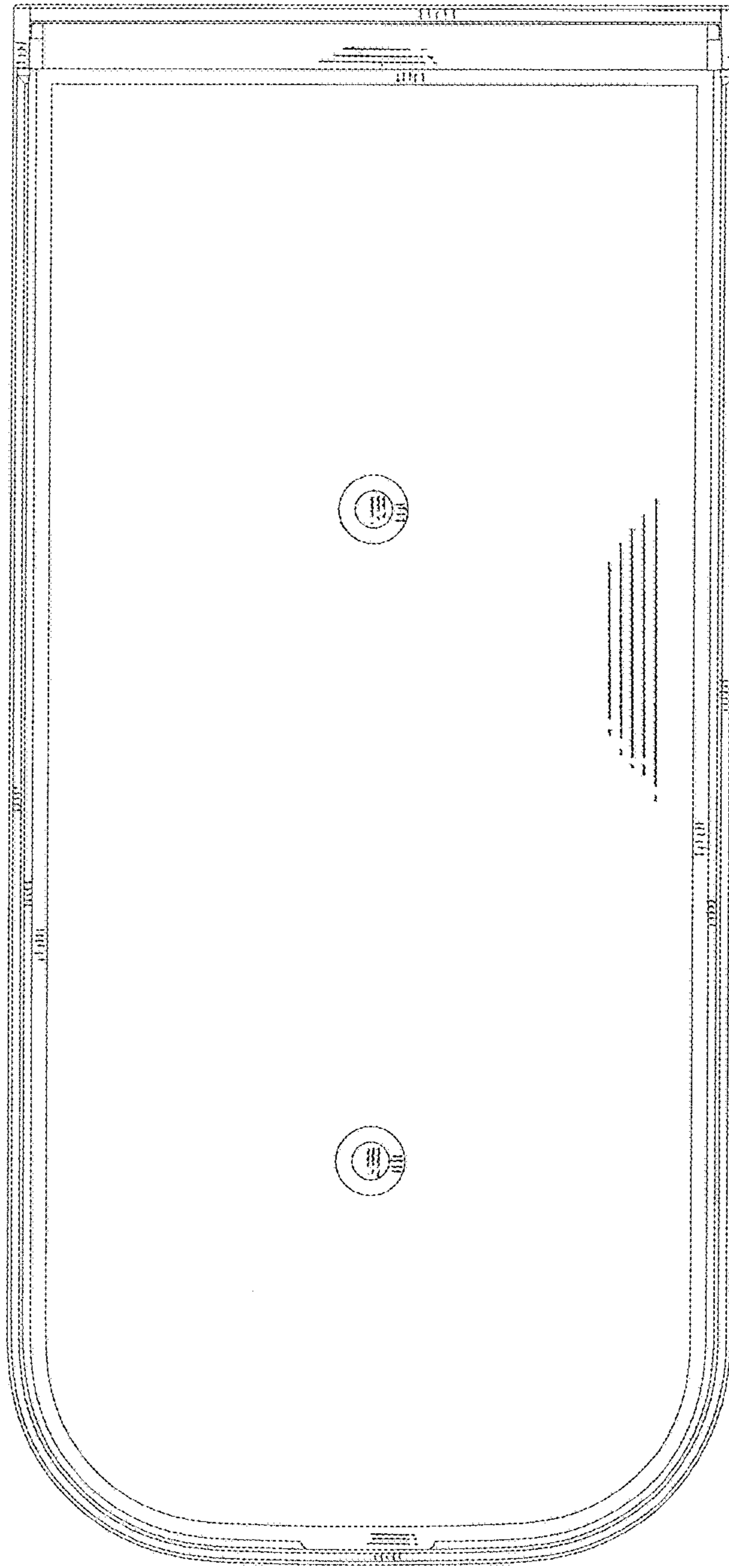


Fig. 3

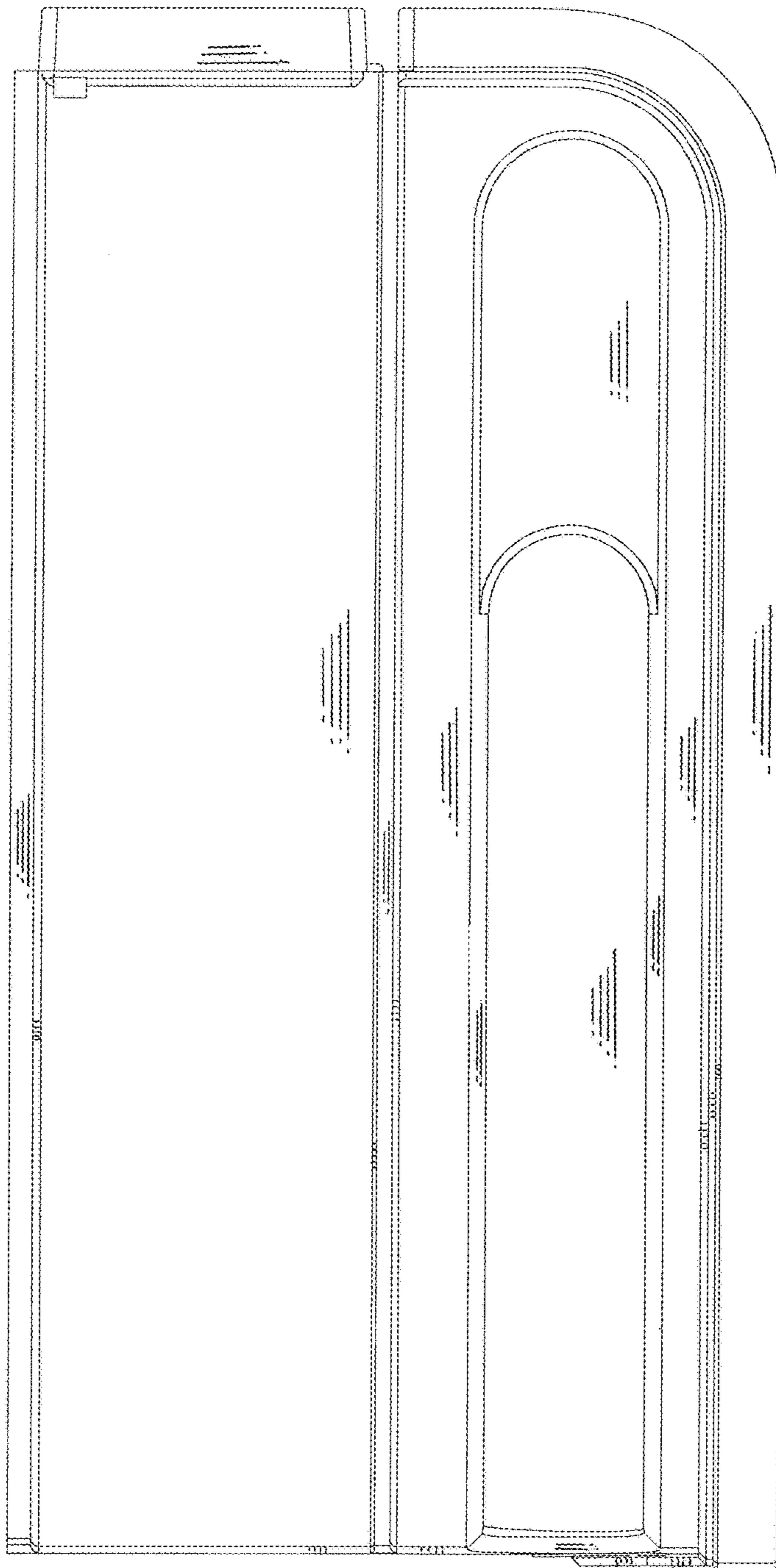


Fig. 4

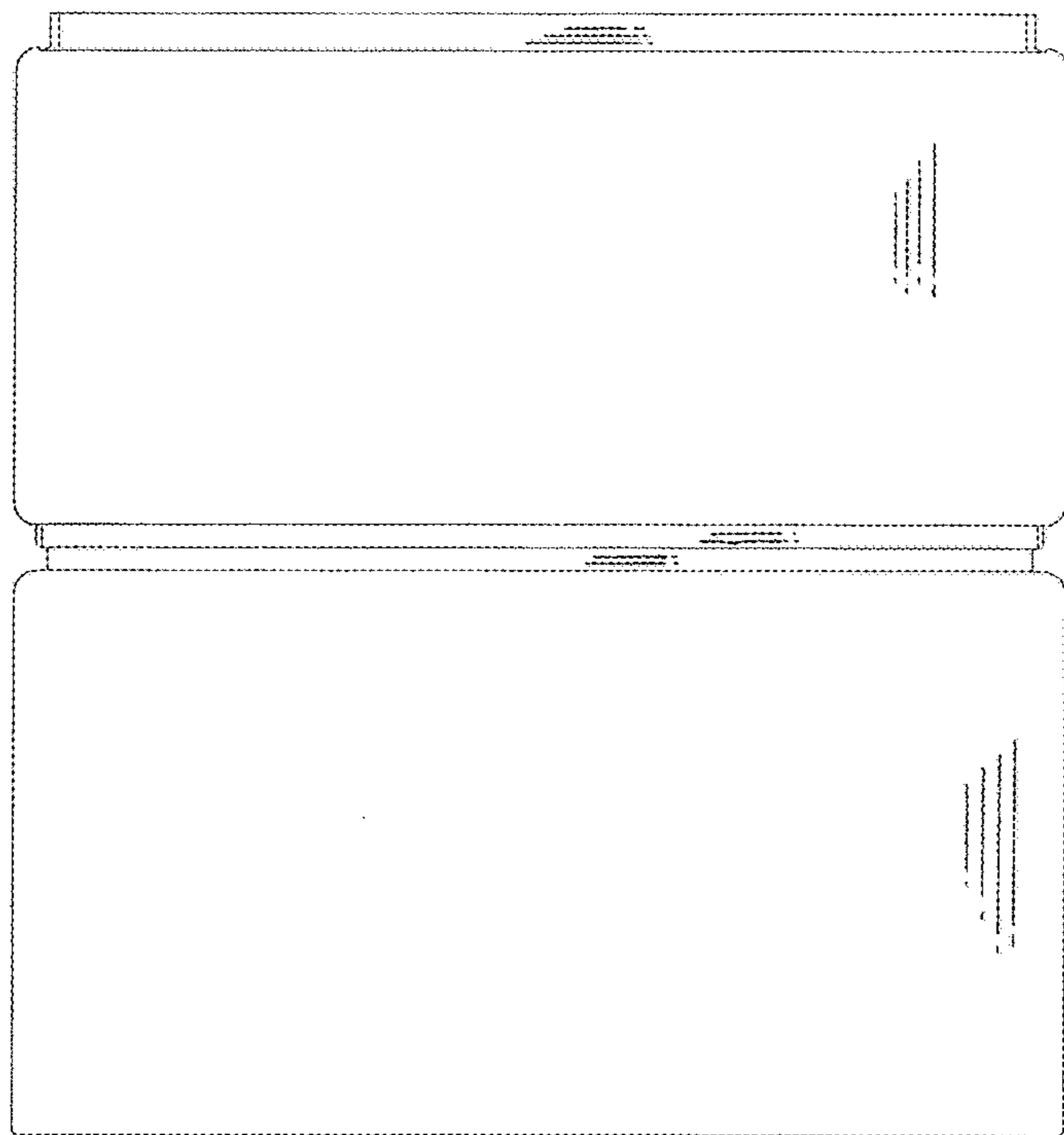


Fig. 5

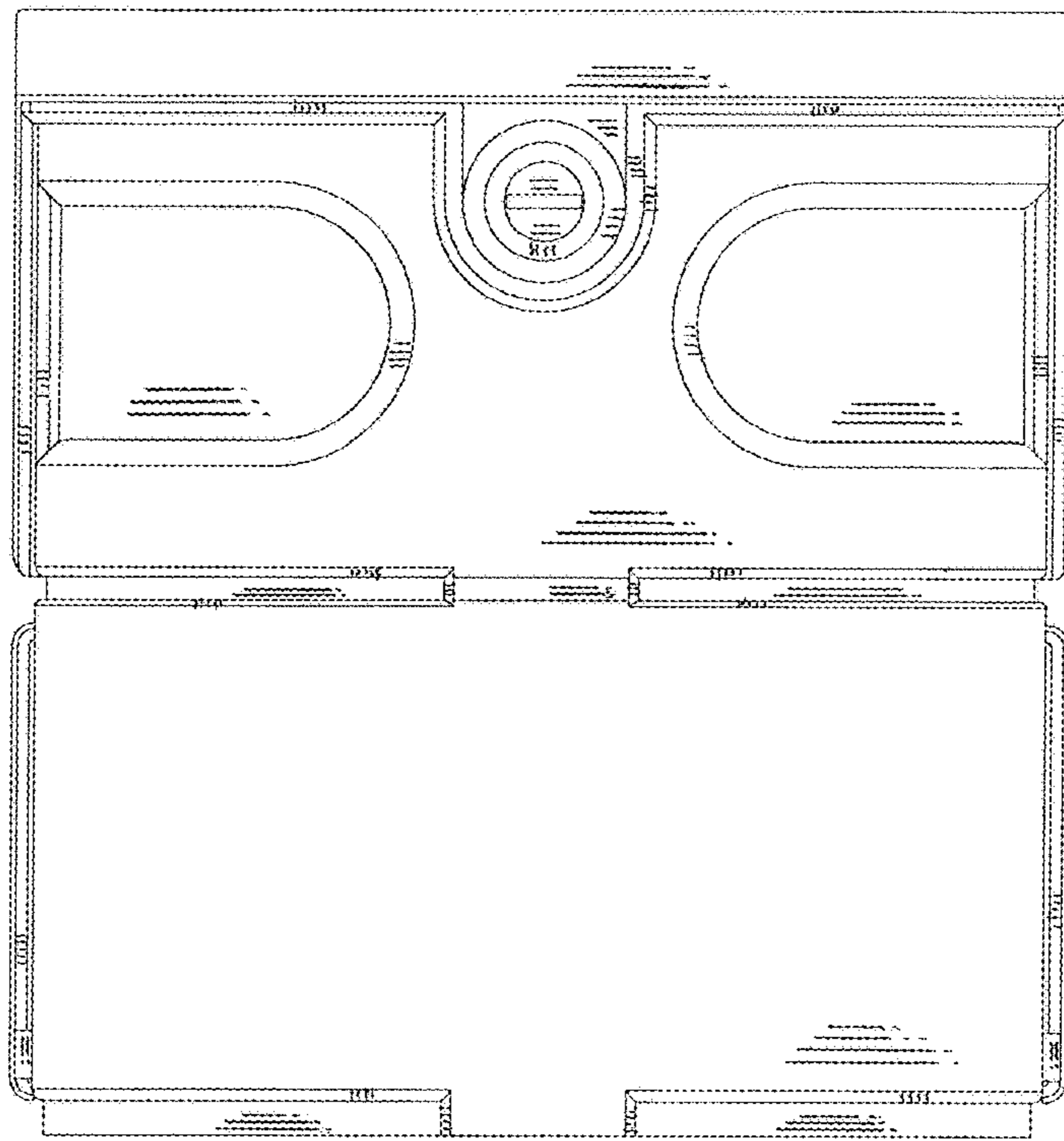


Fig. 6

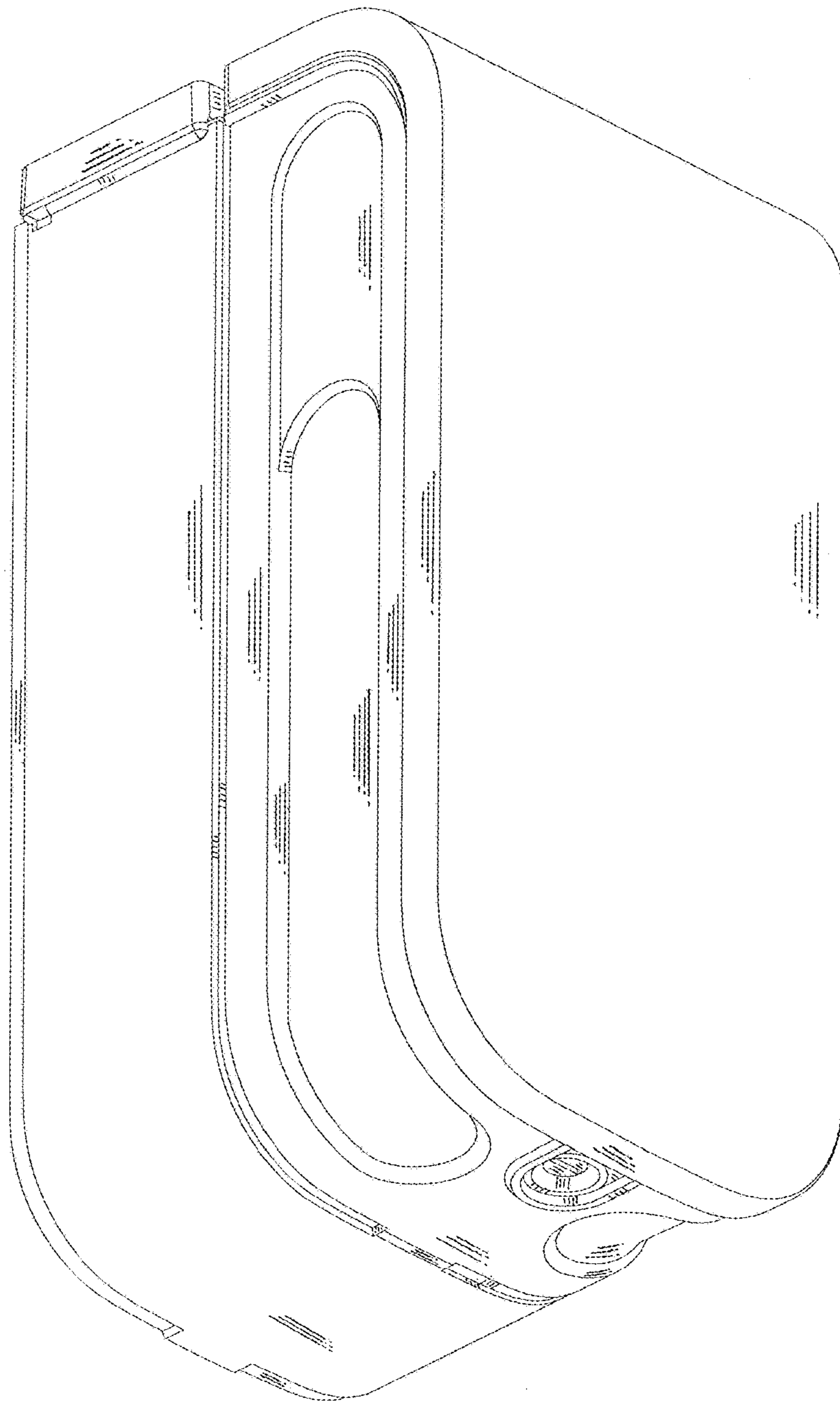




Fig. 7

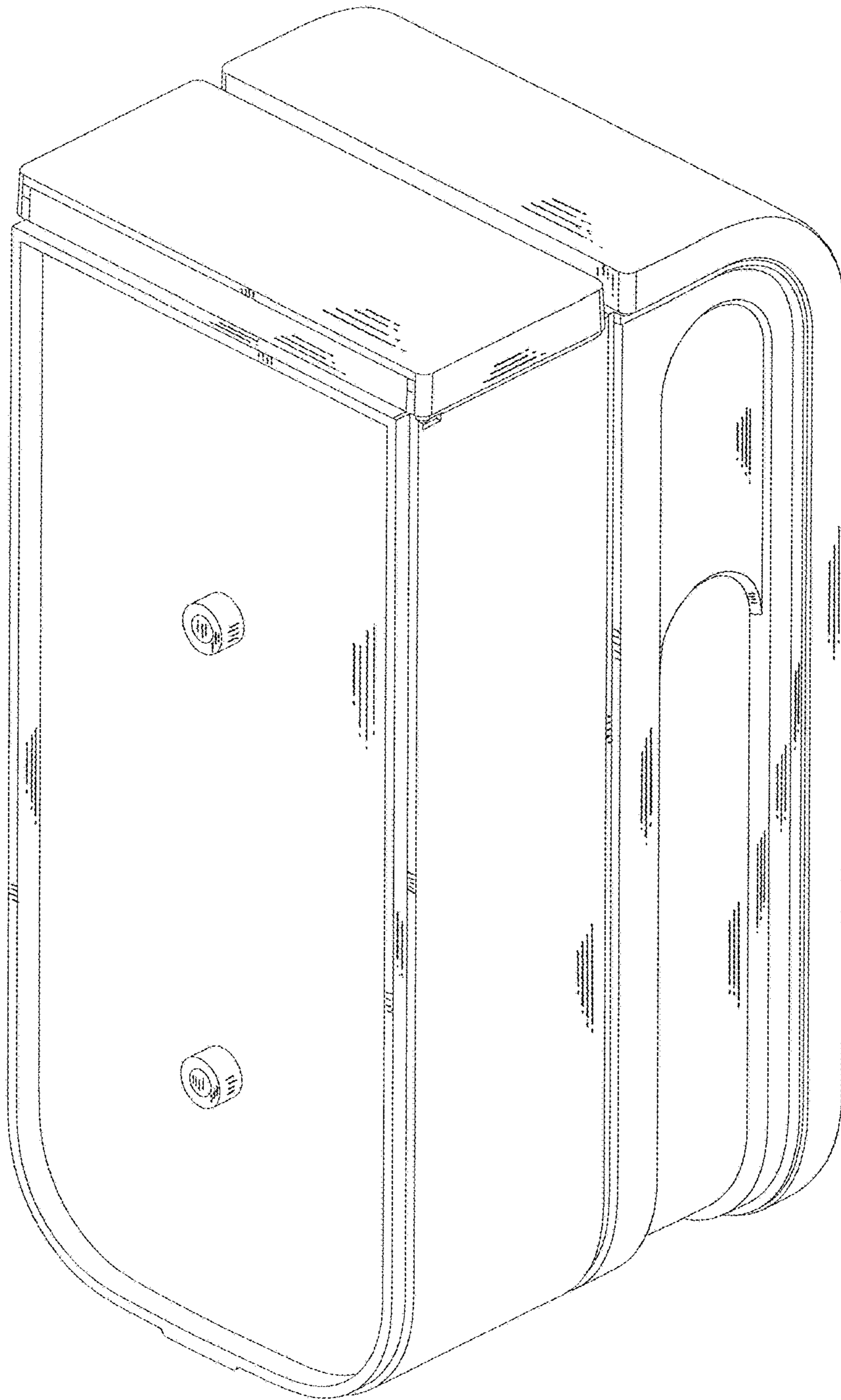


Fig. 8

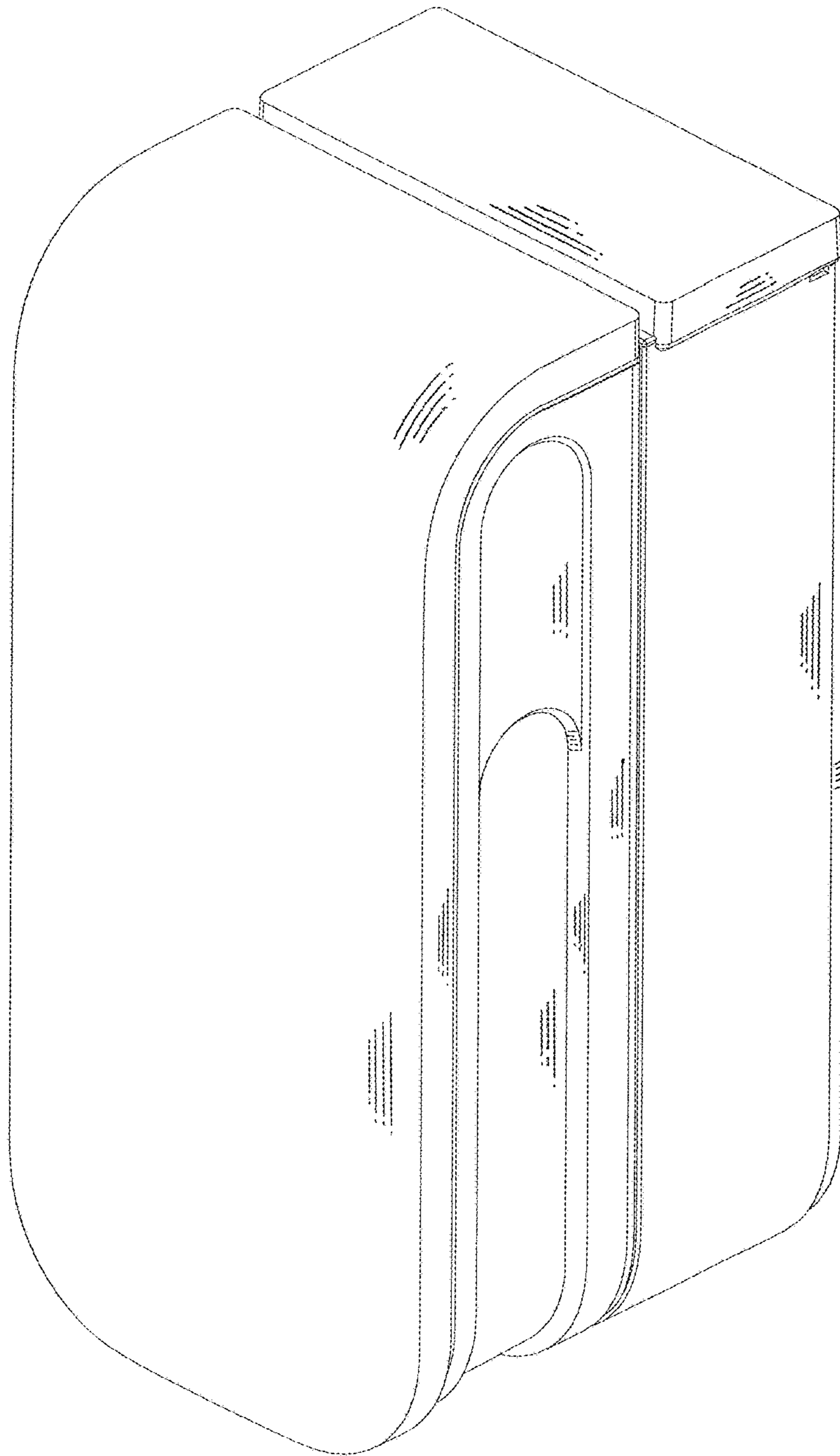


Fig. 9

