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

(10) **Patent No.:** **US D966,376 S**
(45) **Date of Patent:** **** Oct. 11, 2022**

(54) **ROBOT HEAD**

- (71) Applicant: **THK CO., LTD.**, Tokyo (JP)
- (72) Inventor: **Masaki Nagatsuka**, Tokyo (JP)
- (73) Assignee: **THK CO., LTD.**, Tokyo (JP)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/753,621**
- (22) Filed: **Oct. 1, 2020**

(30) **Foreign Application Priority Data**

Apr. 1, 2020 (JP) 2020-006501

(51) **LOC (13) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/199**

(58) **Field of Classification Search**

USPC D12/1, 308; D14/900-902; D15/199;
D21/398, 424, 456, 467, 493, 495,
D21/533-539, 576, 578, 579, 585, 587,
D21/588, 592, 593, 594, 621, 622, 659;
D32/21

CPC B25J 9/0003; B25J 11/008; B25J 5/007;
B25J 9/1697; G06F 19/3418; G05D
2201/0207; Y10S 901/01; Y10S 901/46

See application file for complete search history.

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Exception to Lack of Novelty of Design dated Dec. 18 to 21, 2019,
with English translation (8 pages).

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Assistant Examiner — Fritzgerald L Butac
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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevational view of a robot head, showing my new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front, top and right side perspective view thereof;

FIG. 8 is a rear, bottom and left side perspective view thereof;

FIG. 9 is a front, right and bottom perspective view thereof;

FIG. 10 is a rear, left and top perspective view thereof;

FIG. 11 is a first reference view thereof, showing a non-limiting use of the robot head, attached to a body;

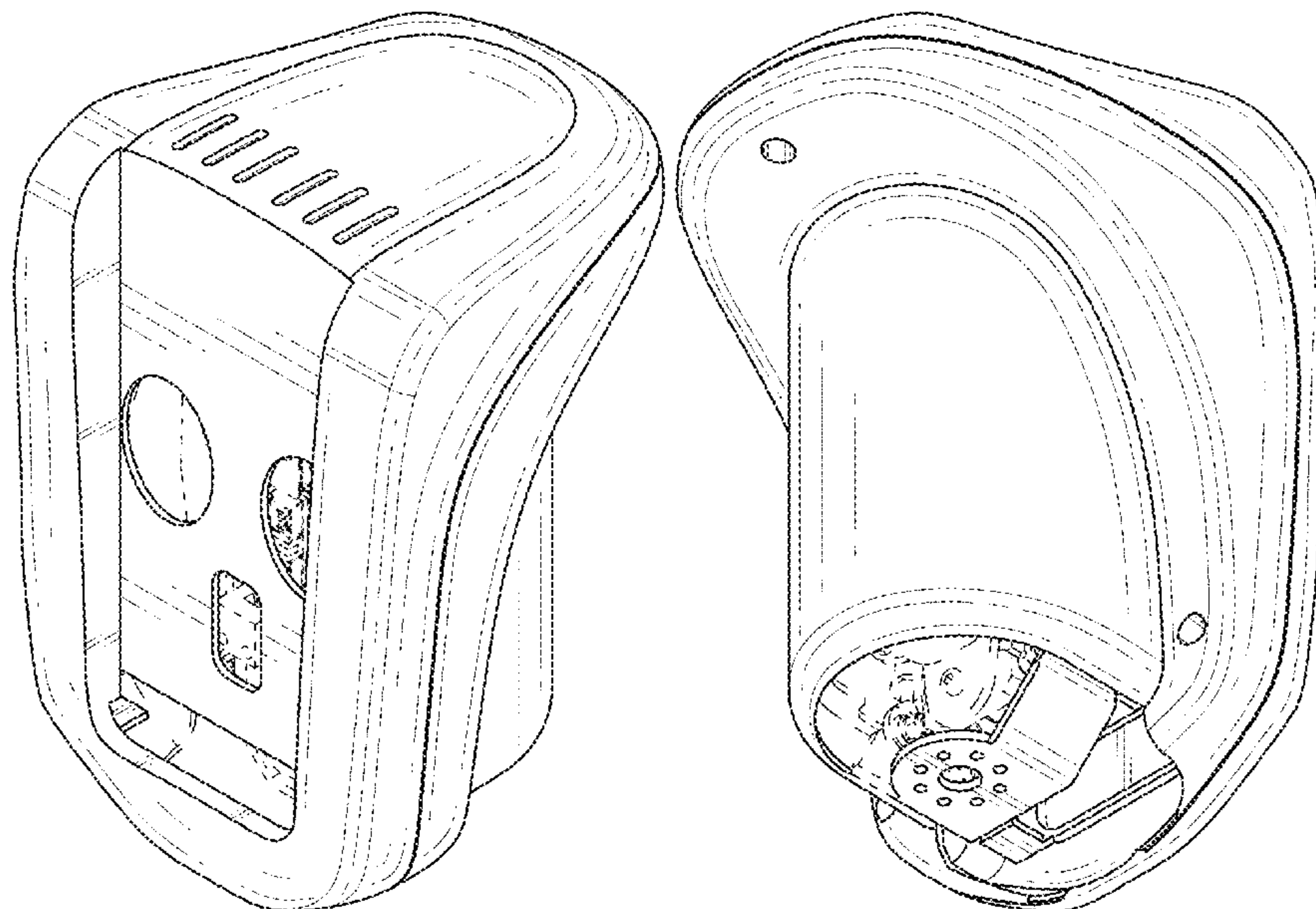
FIG. 12 is a second reference view thereof, showing a non-limiting use of the robot head in use, attached to a body;

FIG. 13 is a third reference view thereof, showing a non-limiting use of the robot head, showing how a portable information terminal such as a smart phone can be inserted; and,

FIG. 14 is a fourth reference view thereof, showing a non-limiting use of the robot head in use, with a portable information terminal such as a smart phone inserted.

The broken lines seen in FIGS. 1-10 show portions of the robot head which form no part of the claimed design. The broken lines seen in FIGS. 11-14 are for the purpose of showing environmental structure, and form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

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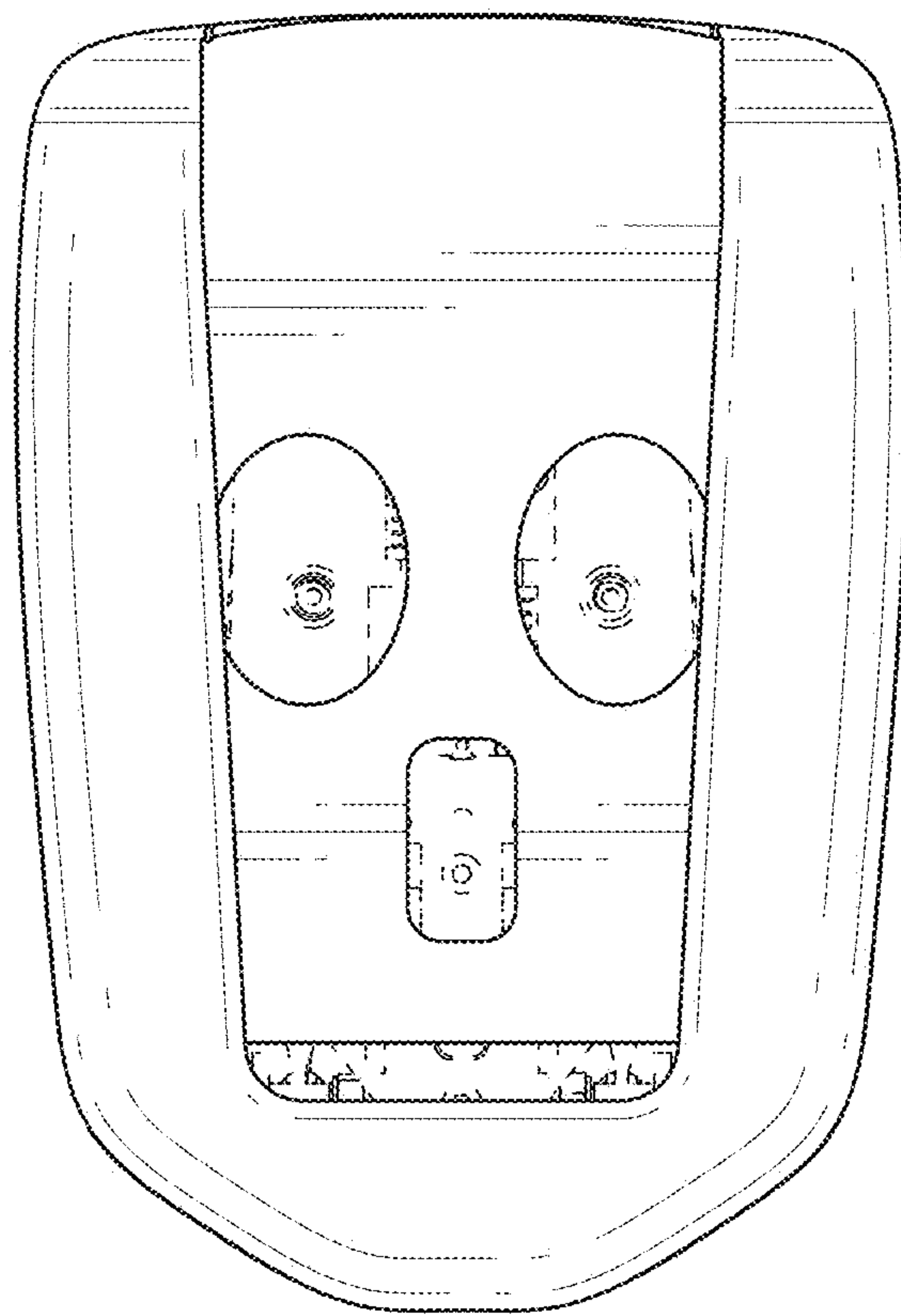


FIG. 1

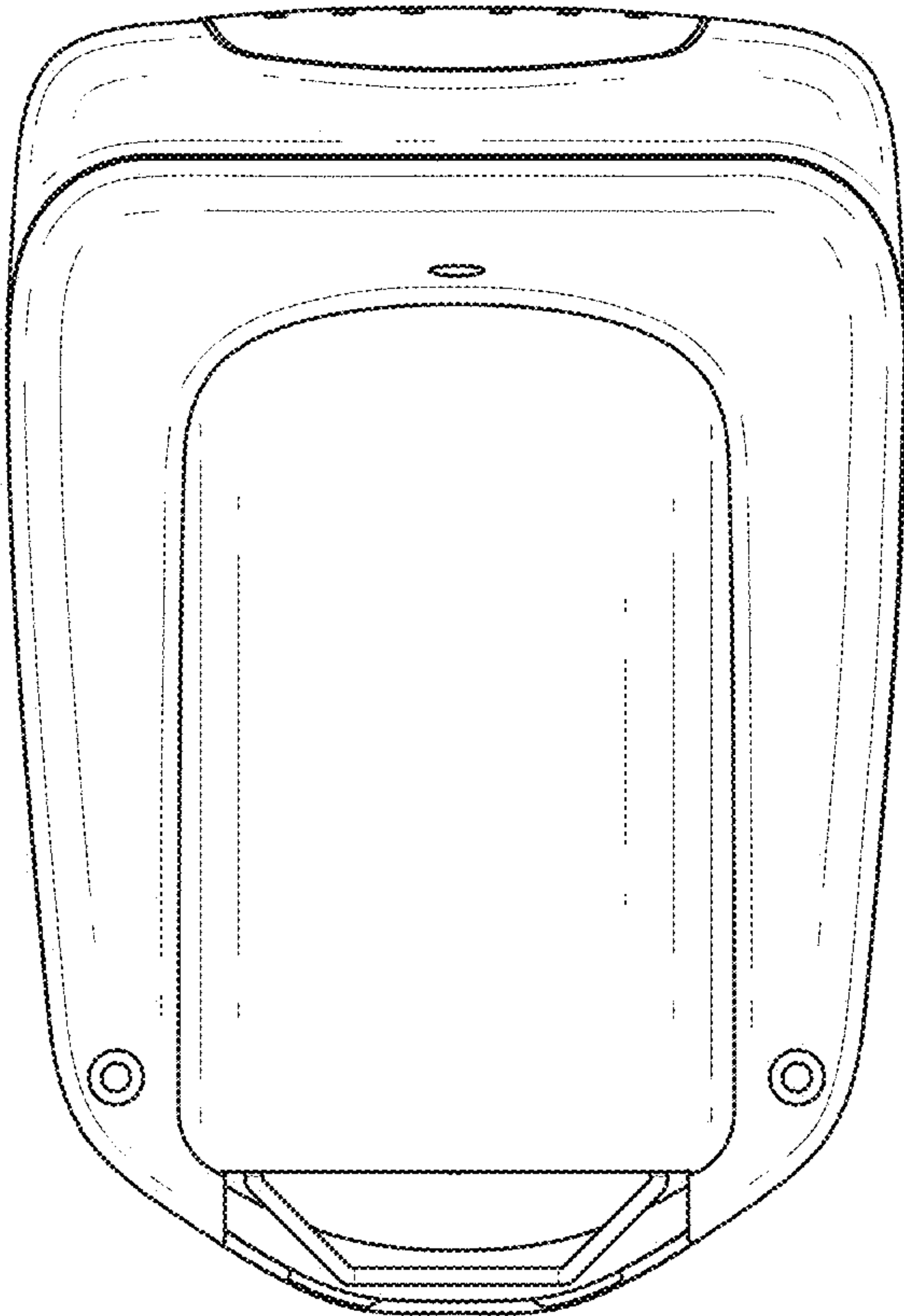


FIG. 2

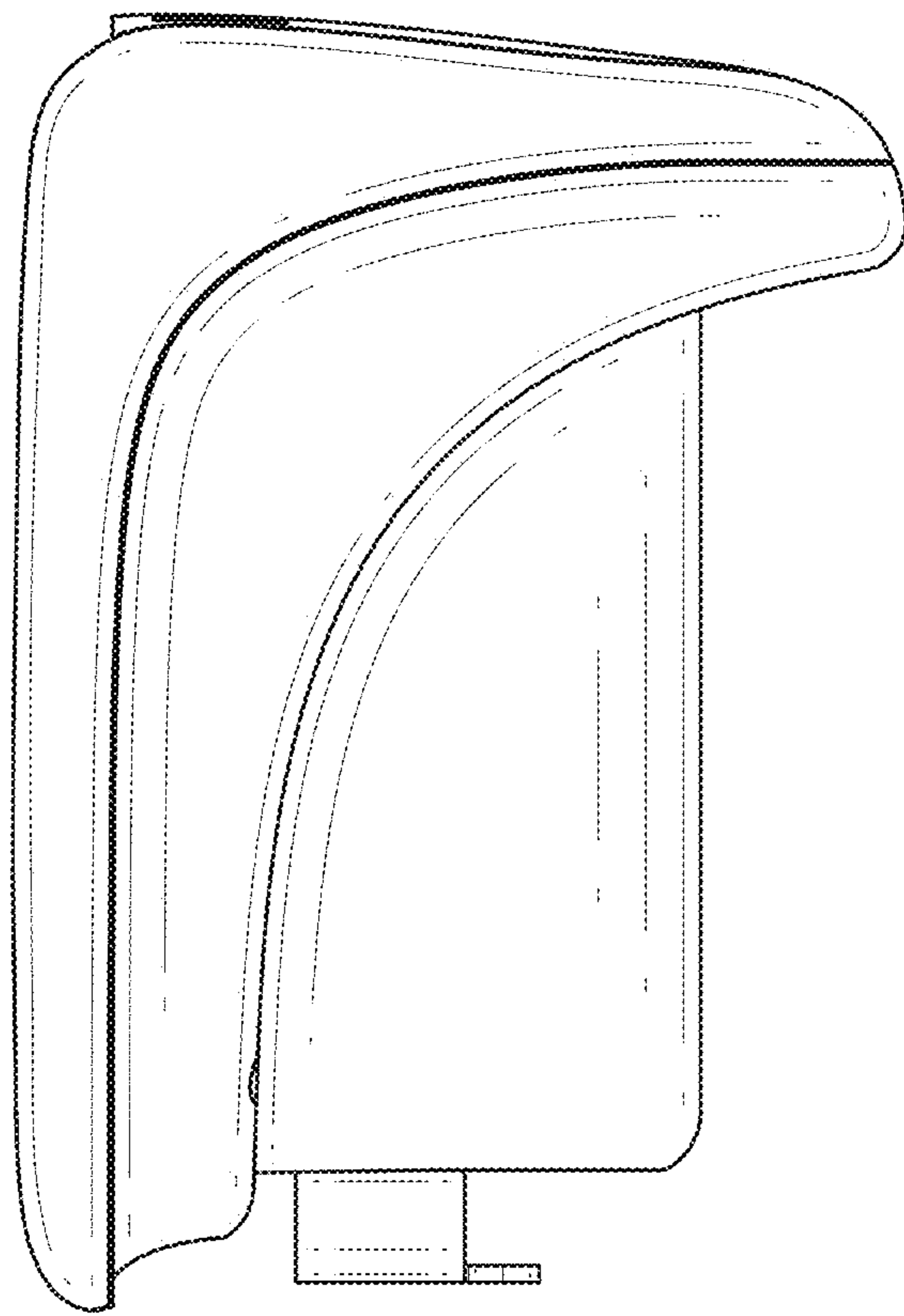


FIG. 3

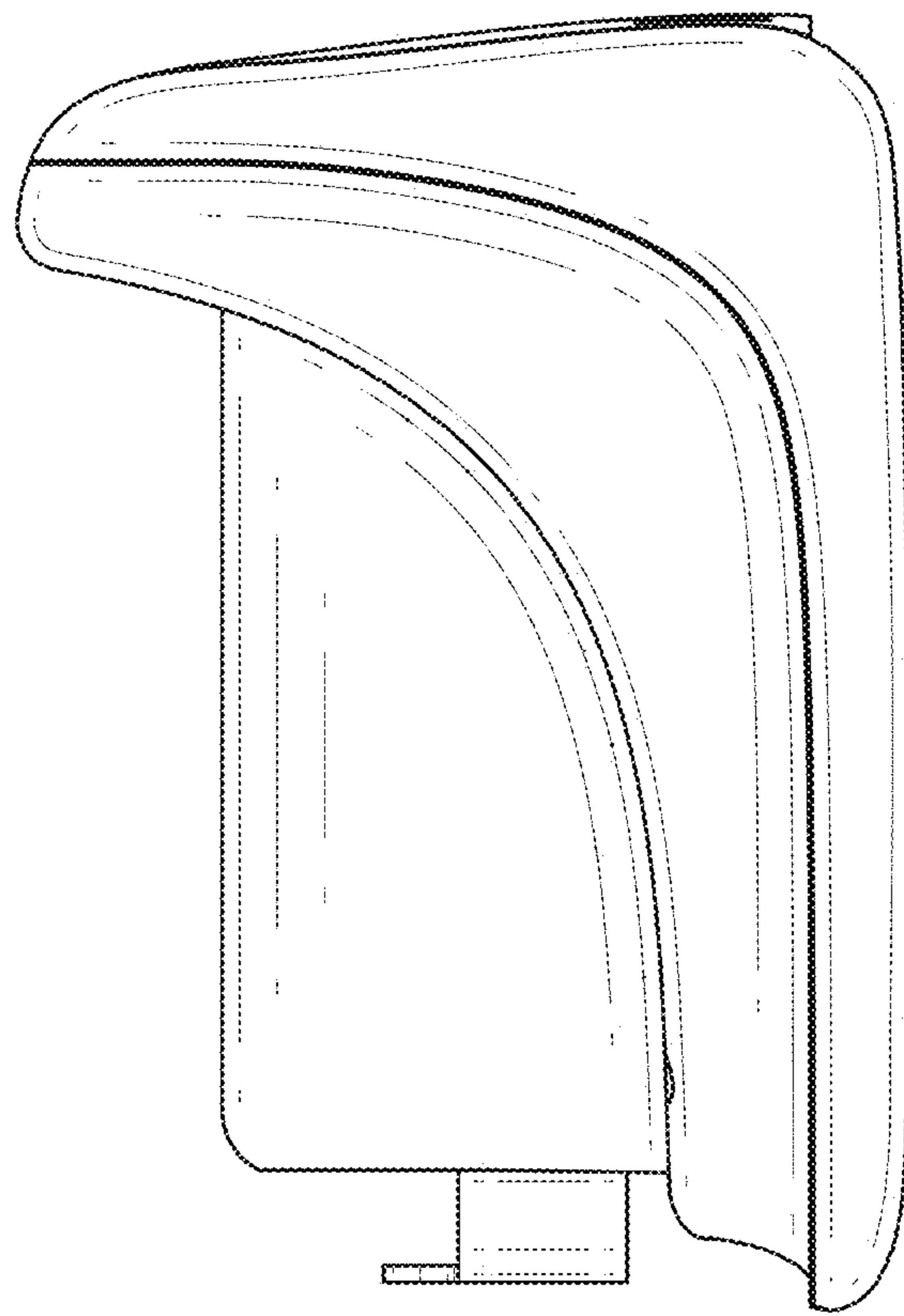


FIG. 4

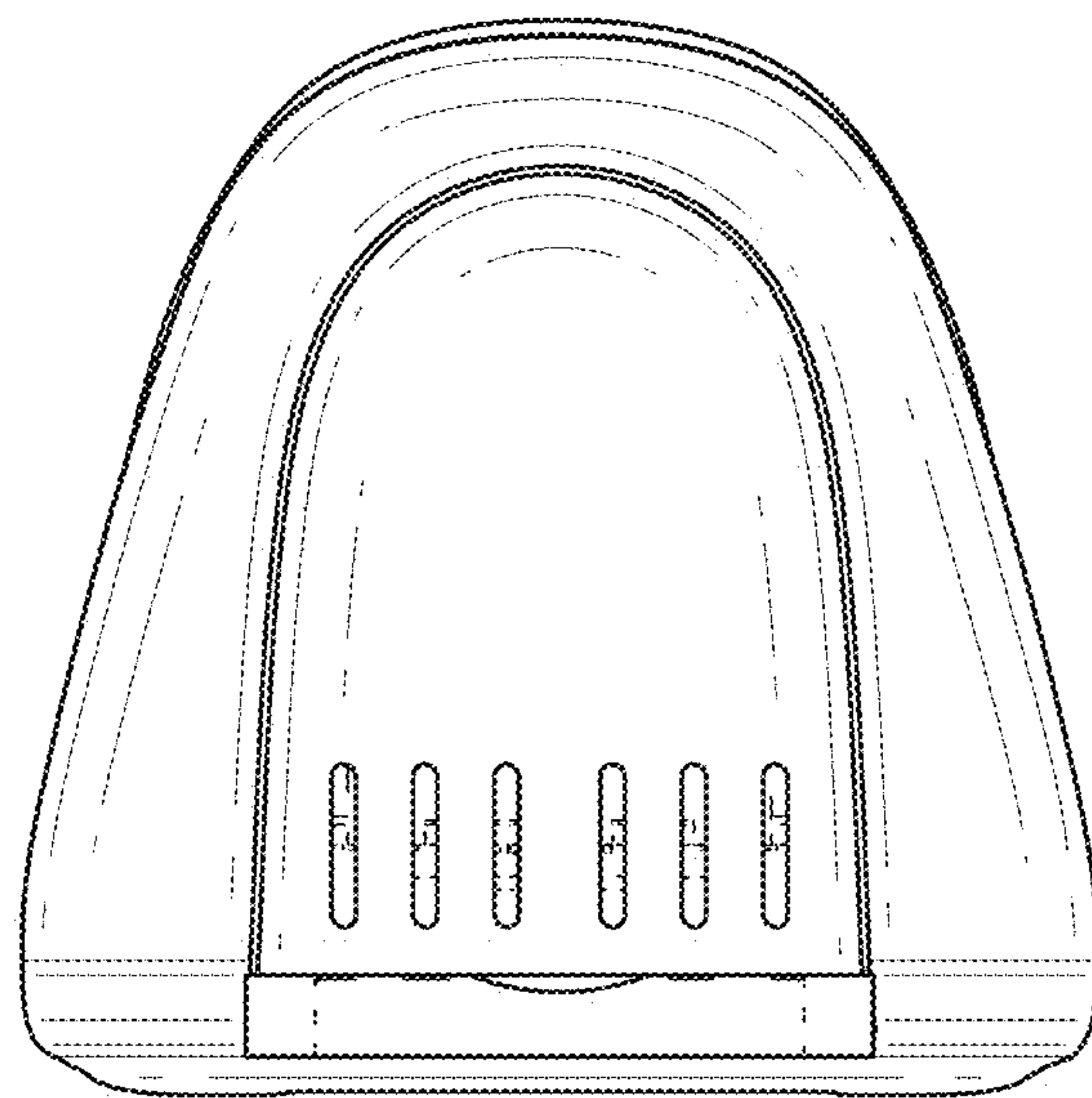


FIG. 5

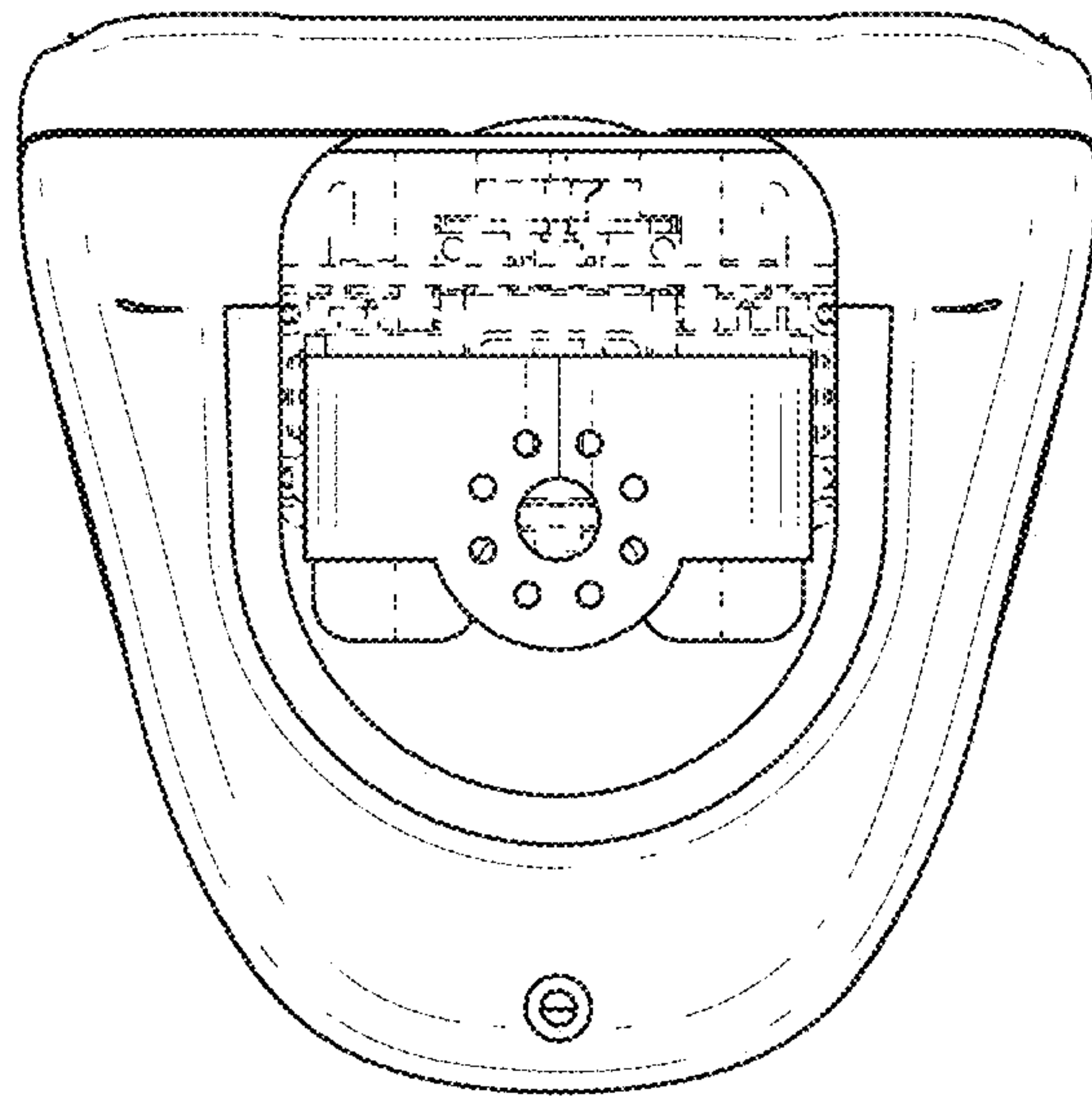


FIG. 6

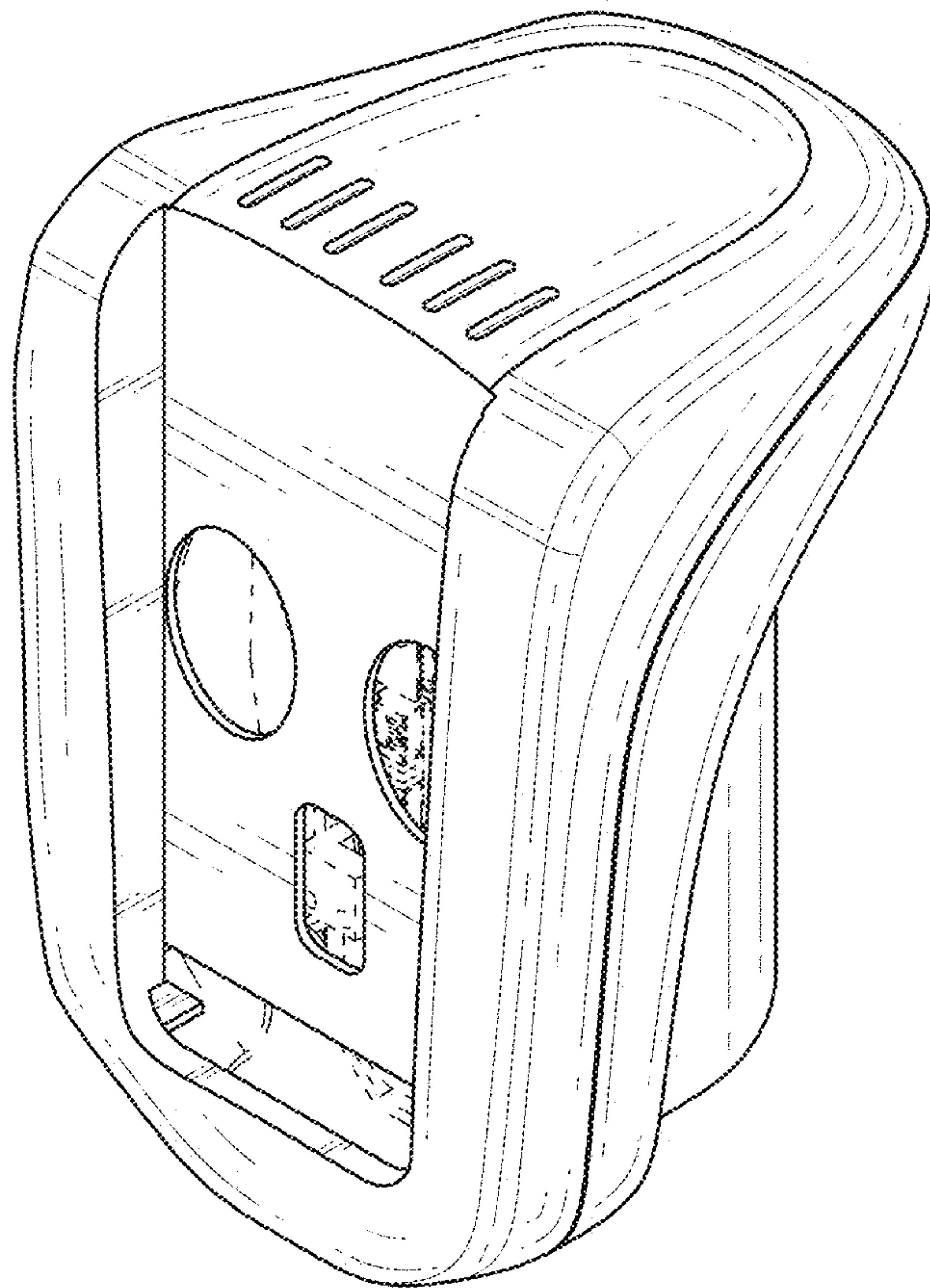


FIG. 7

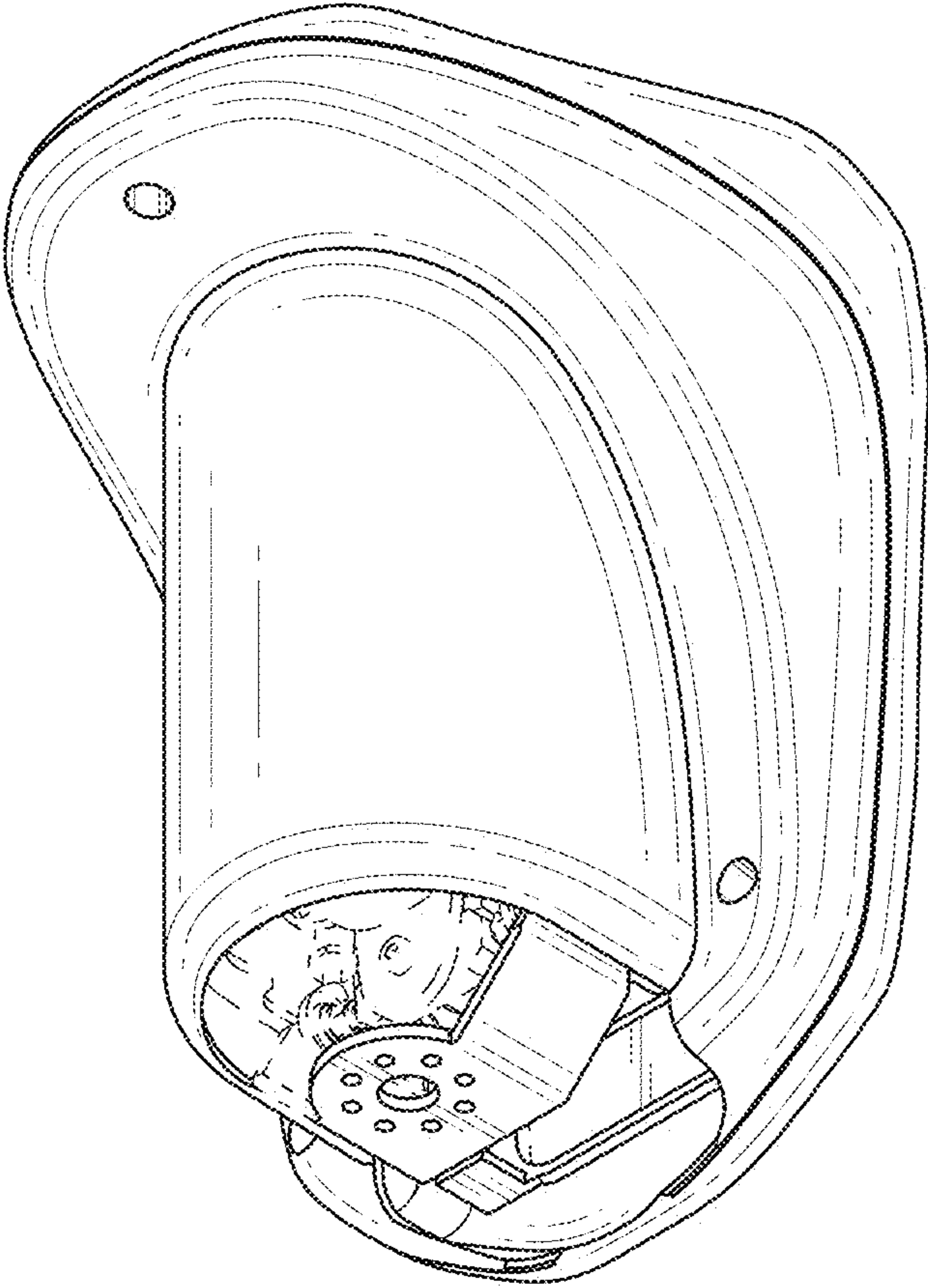


FIG. 8

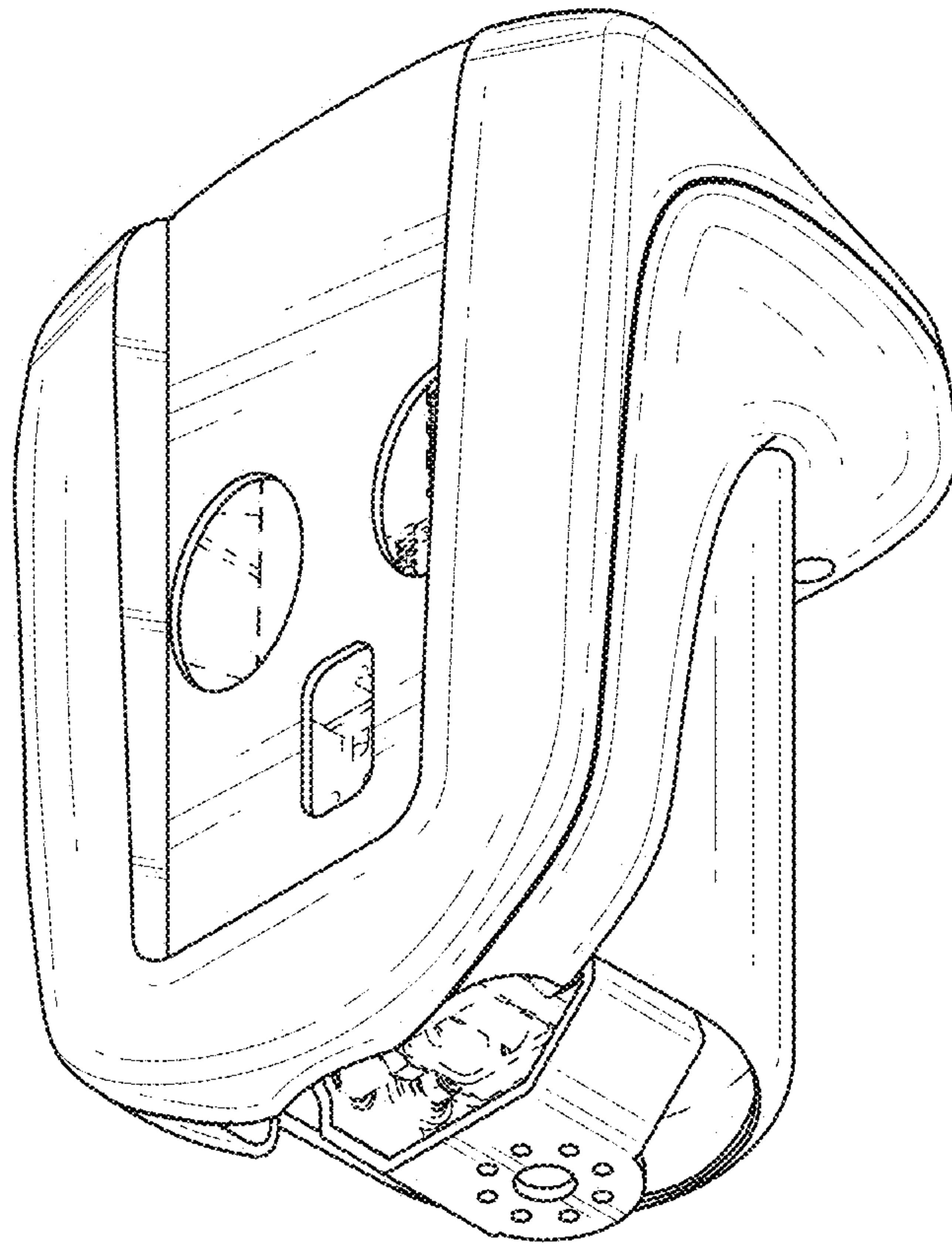


FIG. 9

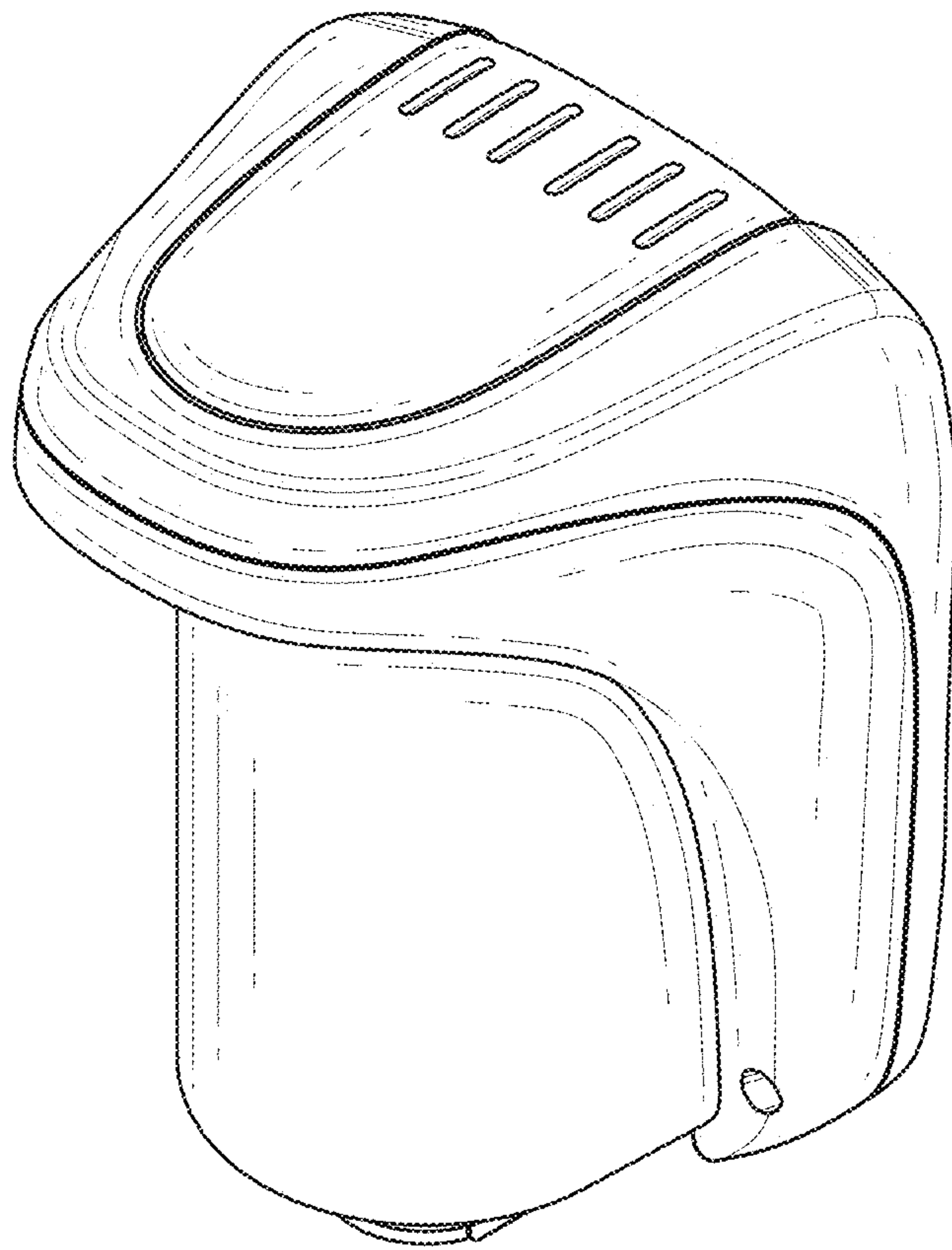


FIG. 10

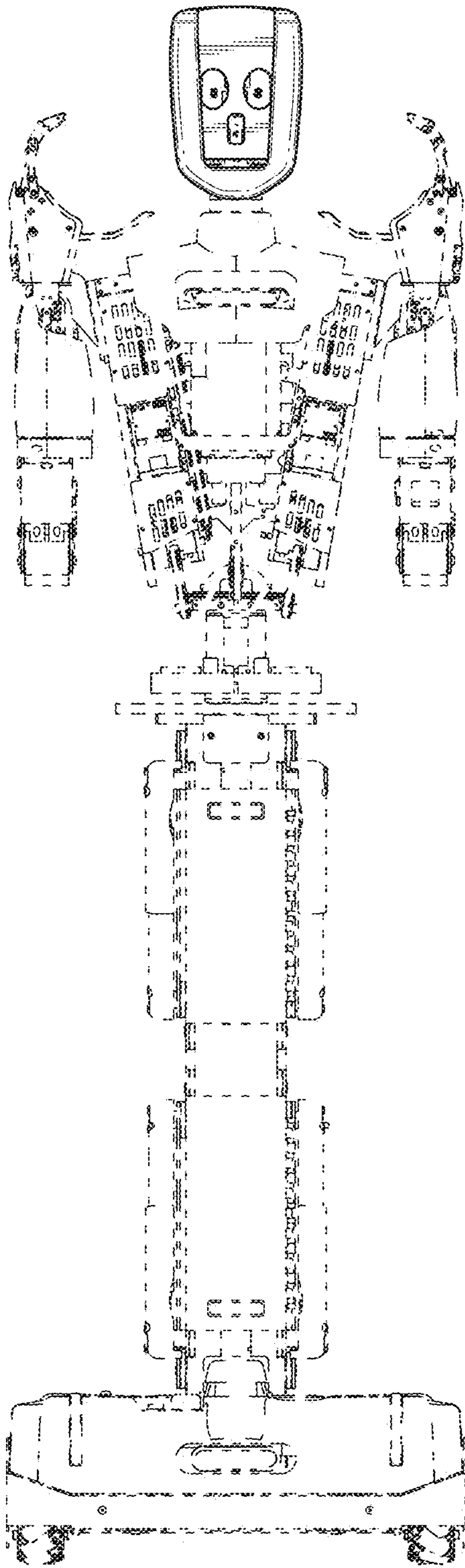


FIG. 11

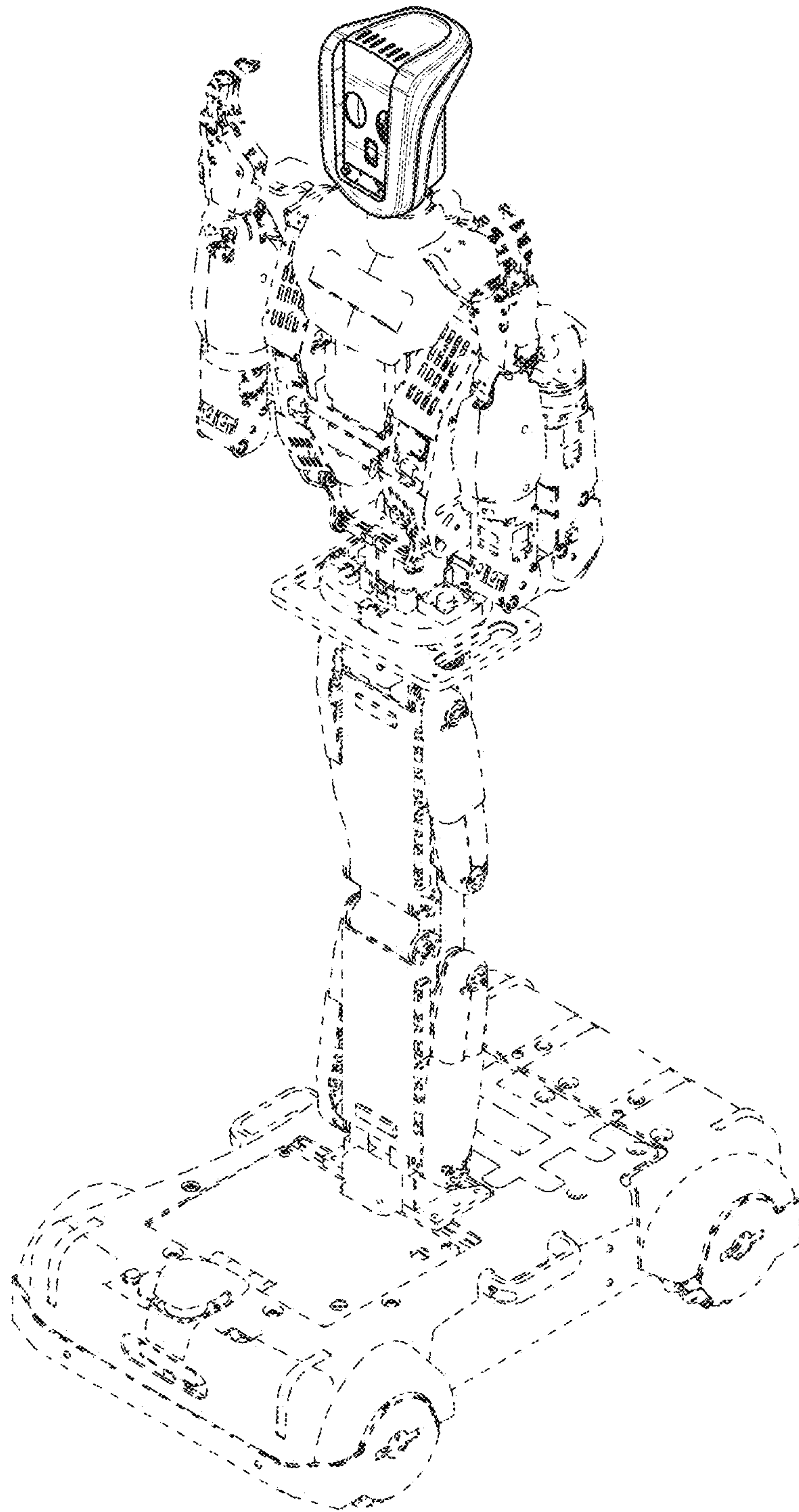


FIG. 12

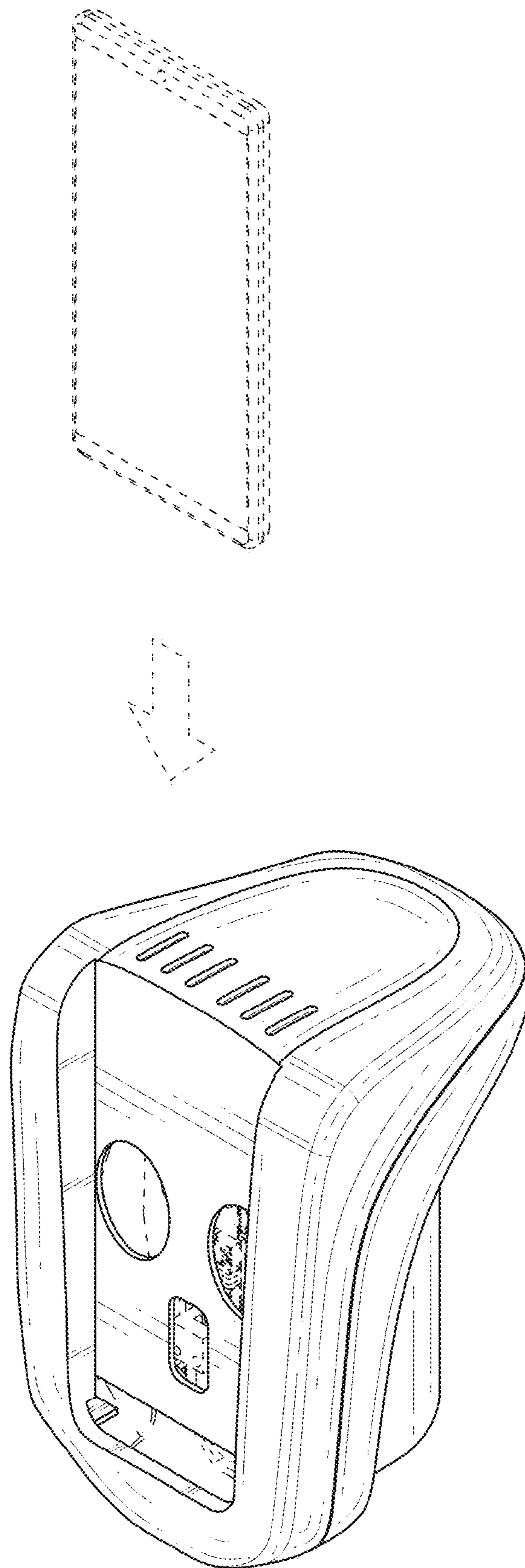


FIG. 13

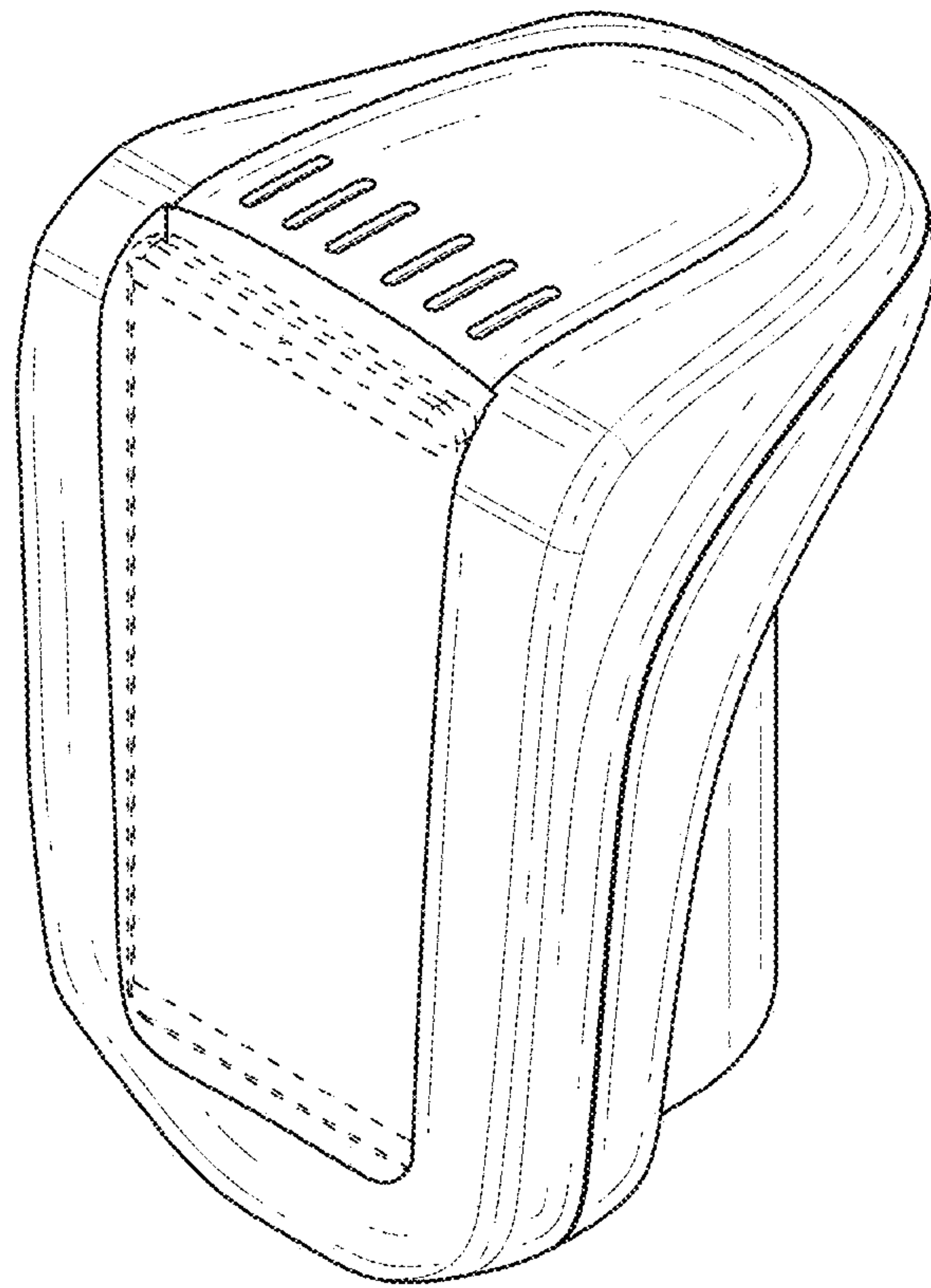


FIG. 14