



US00D975154S

(12) **United States Design Patent** (10) **Patent No.:** **US D975,154 S**
Cho et al. (45) **Date of Patent:** **** Jan. 10, 2023**

(54) **SERVICE ROBOT**

FOREIGN PATENT DOCUMENTS

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WO WO-2022019376 A1 * 1/2022

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(73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**, Gyeonggi-Do (KR)

(57) **CLAIM**

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

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

DESCRIPTION

(21) Appl. No.: **29/786,046**

FIG. 1 is a front perspective view of a service robot, showing our new design;

(22) Filed: **May 28, 2021**

FIG. 2 is a front view thereof;

(30) **Foreign Application Priority Data**

FIG. 3 is a rear view thereof;

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FIG. 4 is a left-side view thereof;

(51) **LOC (14) Cl.** **15-99**

FIG. 5 is a right-side view thereof;

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

FIG. 6 is a top view thereof;

USPC **D15/199**

FIG. 7 is a bottom view thereof;

(58) **Field of Classification Search**

FIG. 8 is a front perspective view of the service robot shown in an alternate position;

USPC D7/605, 606, 629; D12/14, 86, 88, 90, D12/91; D15/199; D21/578–583, 621; D34/34

FIG. 9 is a front view thereof;

CPC B25J 5/007; B25J 11/008; B60G 5/01; B60G 2300/07; Y10S 901/01

FIG. 10 is a rear view thereof;

See application file for complete search history.

FIG. 11 is a left-side view thereof;

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FIG. 12 is a right-side view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a bottom view thereof;

FIG. 15 is a front perspective view of the service robot shown in another alternate position;

FIG. 16 is a front view thereof;

FIG. 17 is a rear view thereof;

FIG. 18 is a left-side view thereof;

FIG. 19 is a right-side view thereof;

FIG. 20 is a top view thereof; and,

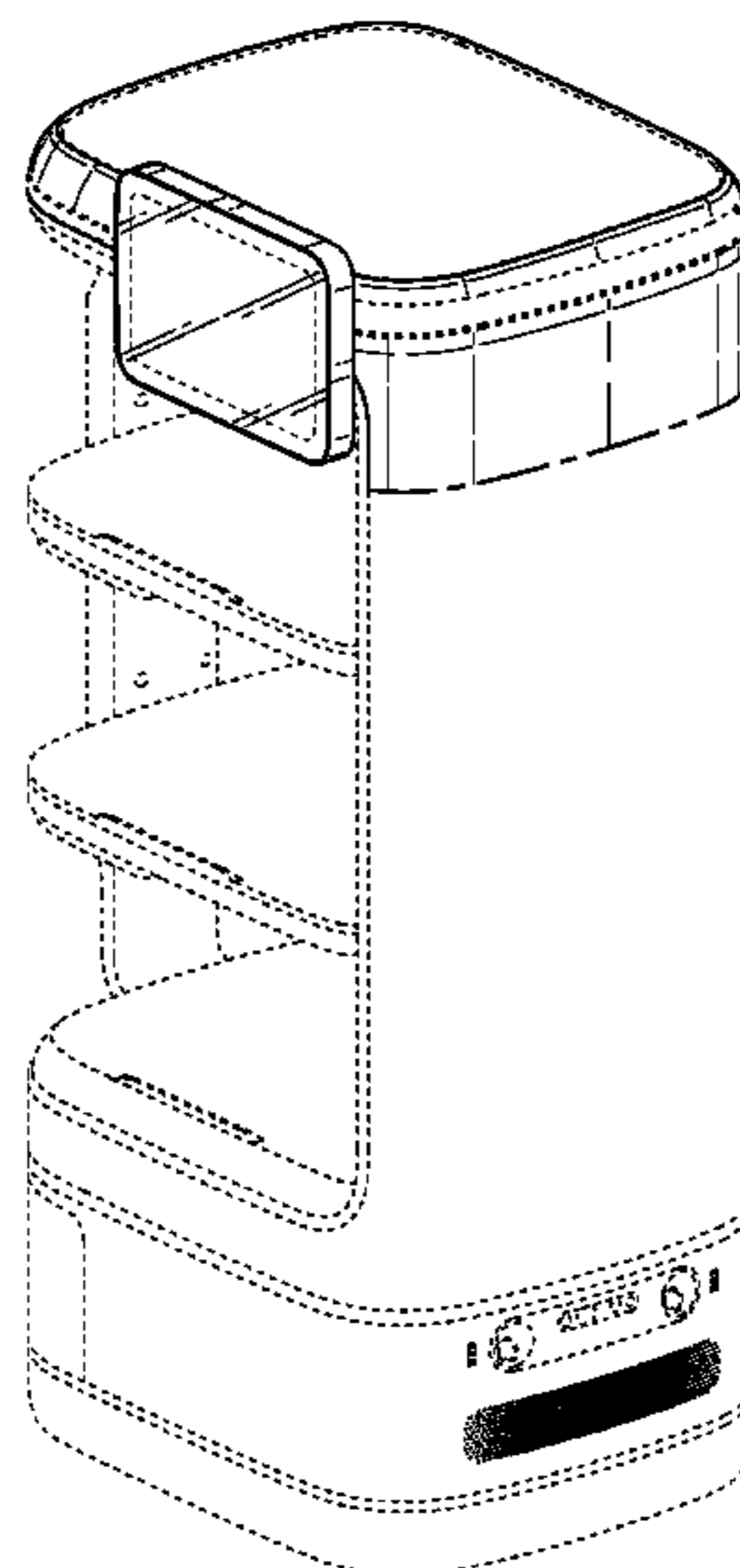
FIG. 21 is a bottom view thereof.

The broken lines illustrating portions of the service robot form no part of the claimed design.

The dot-dash broken lines in the figures illustrate a boundary of the claimed design and form no part of the claimed design.

(Continued)

1 Claim, 21 Drawing Sheets



(56)

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FIG. 1

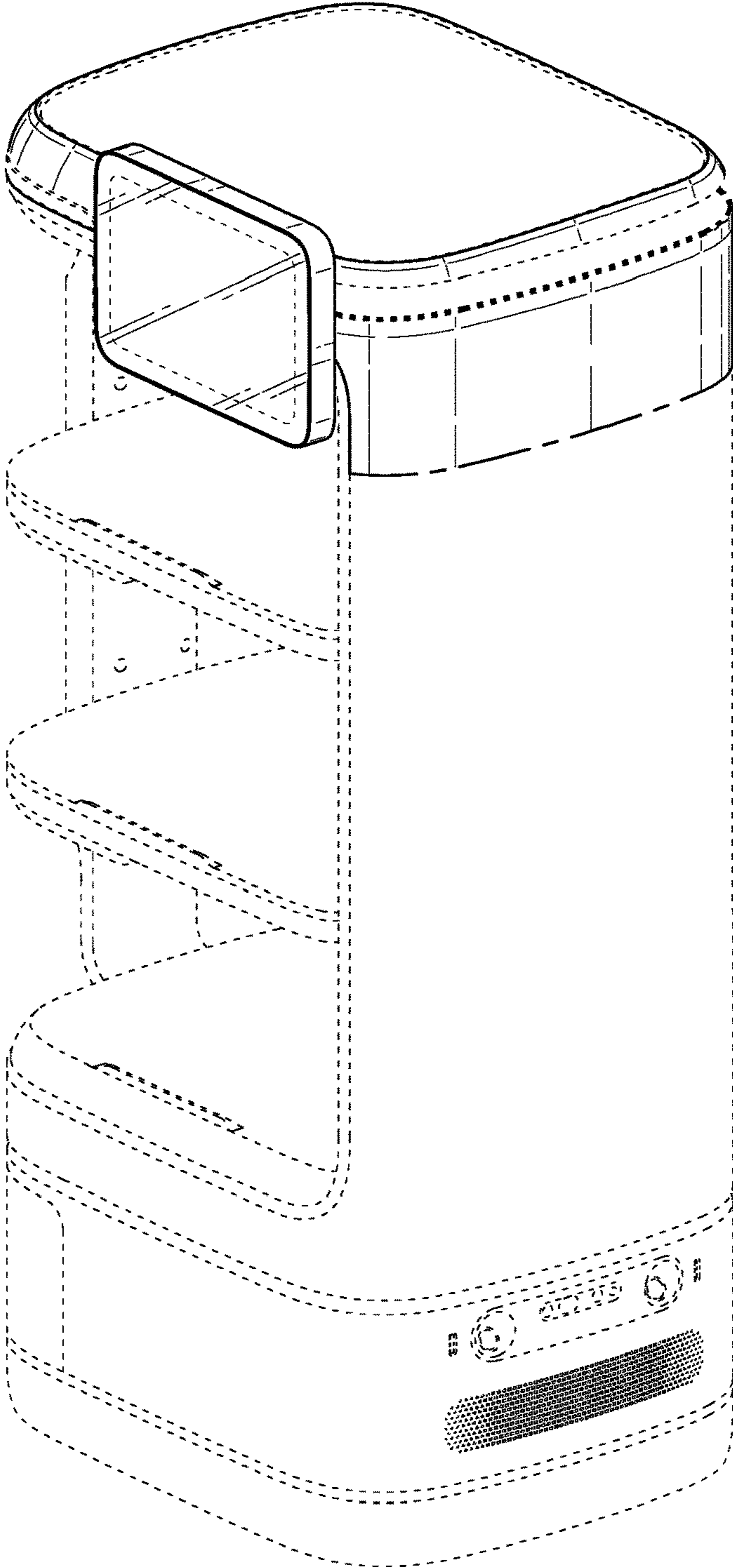


FIG. 2

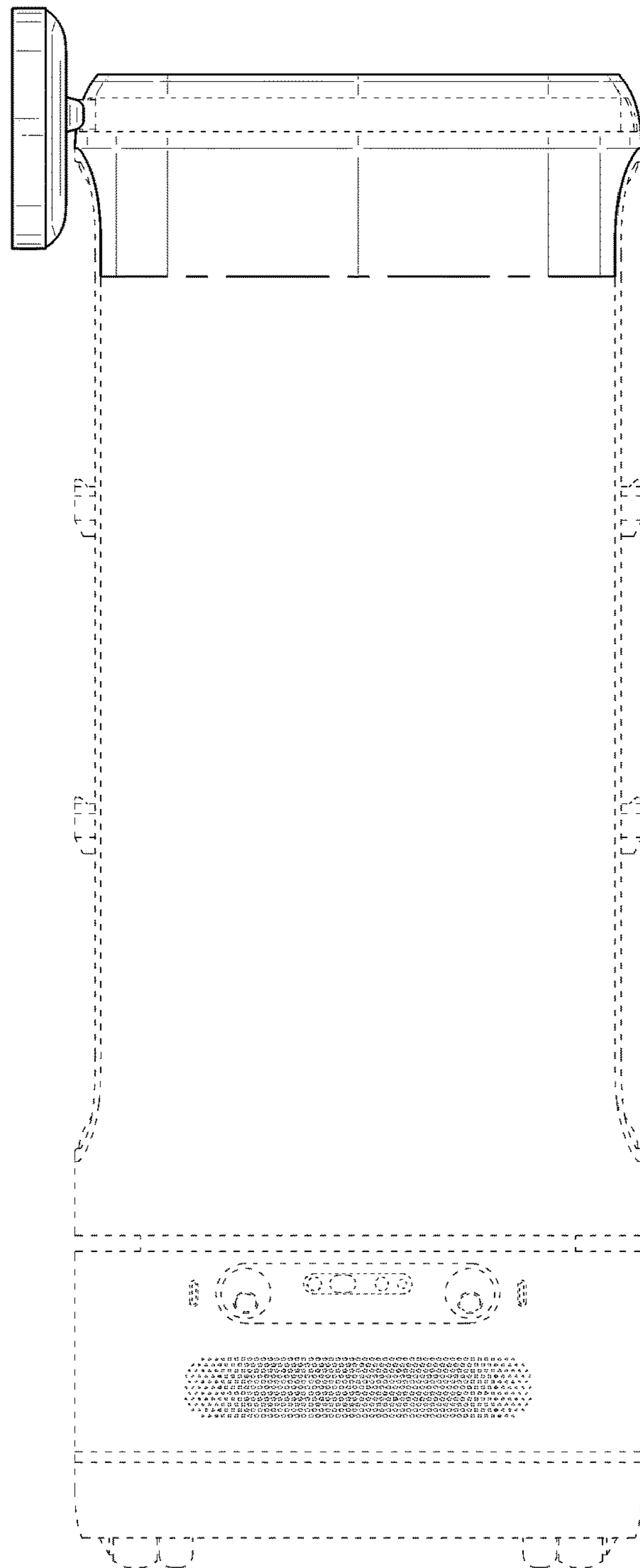


FIG. 3

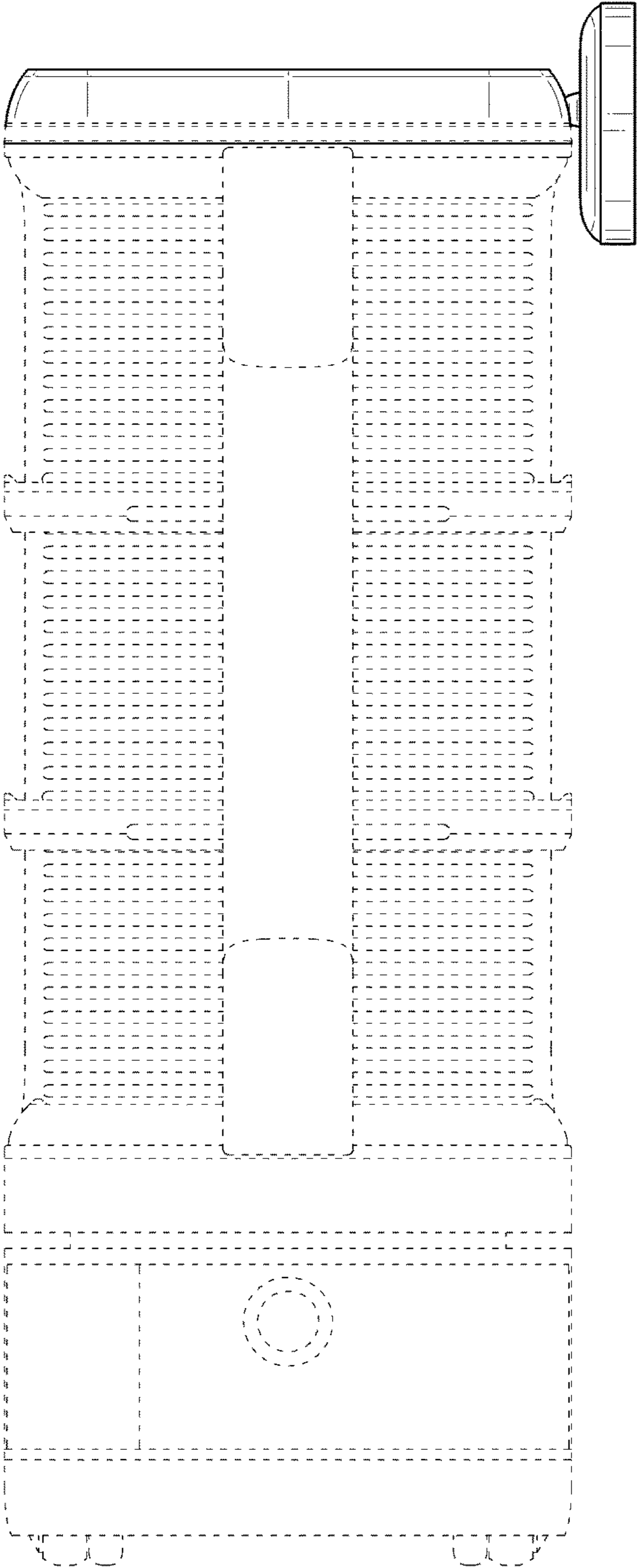


FIG. 4

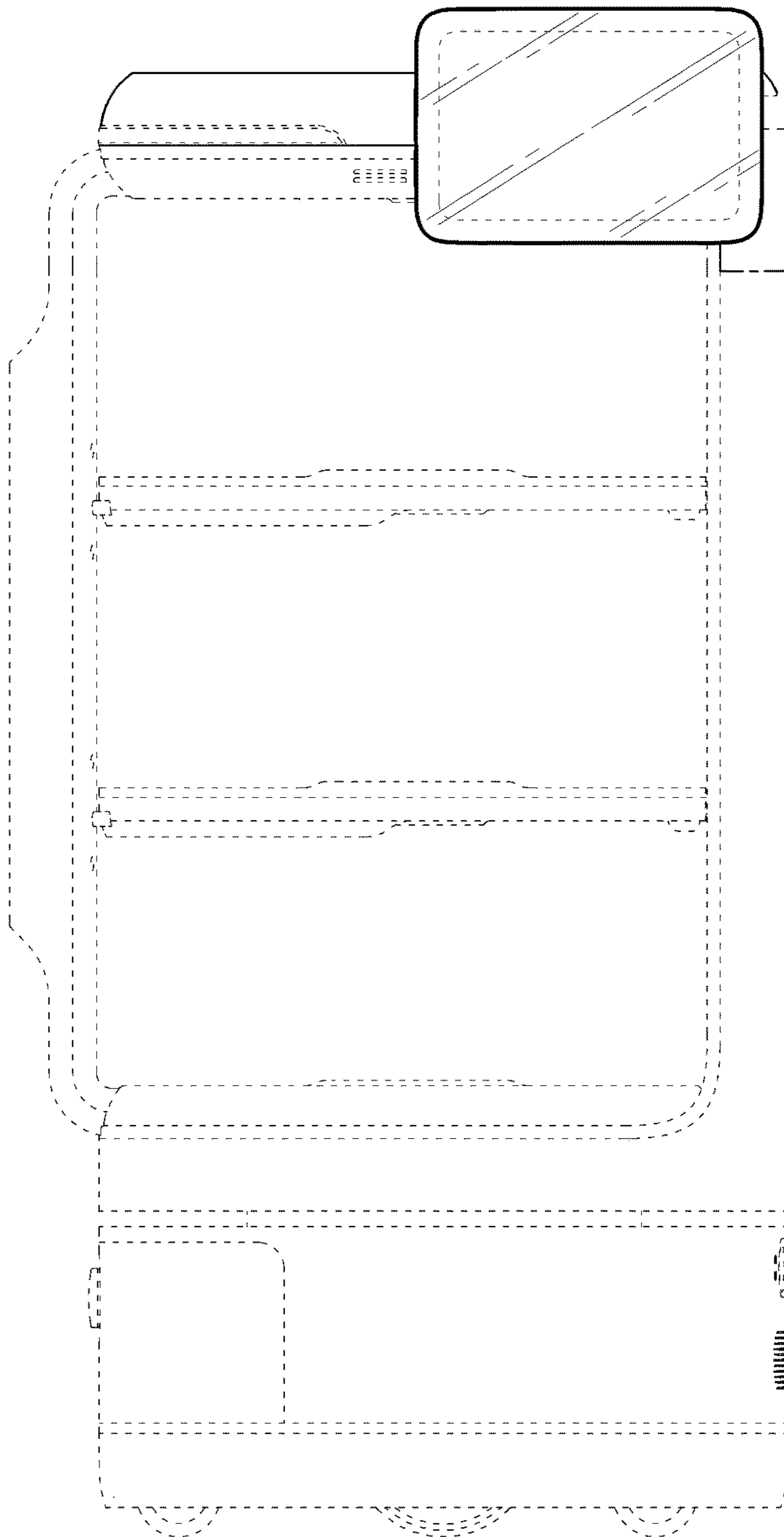


FIG. 5

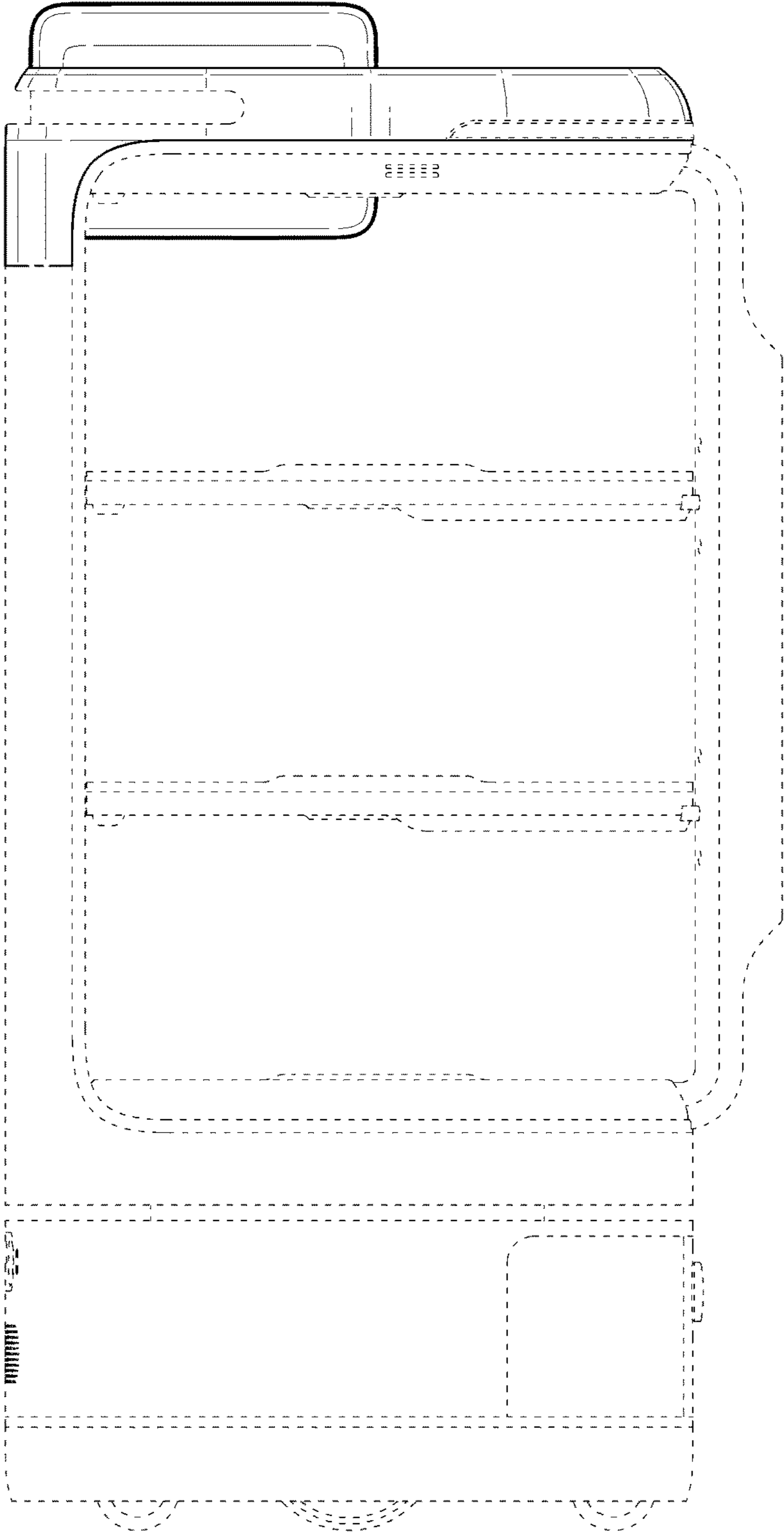


FIG. 6

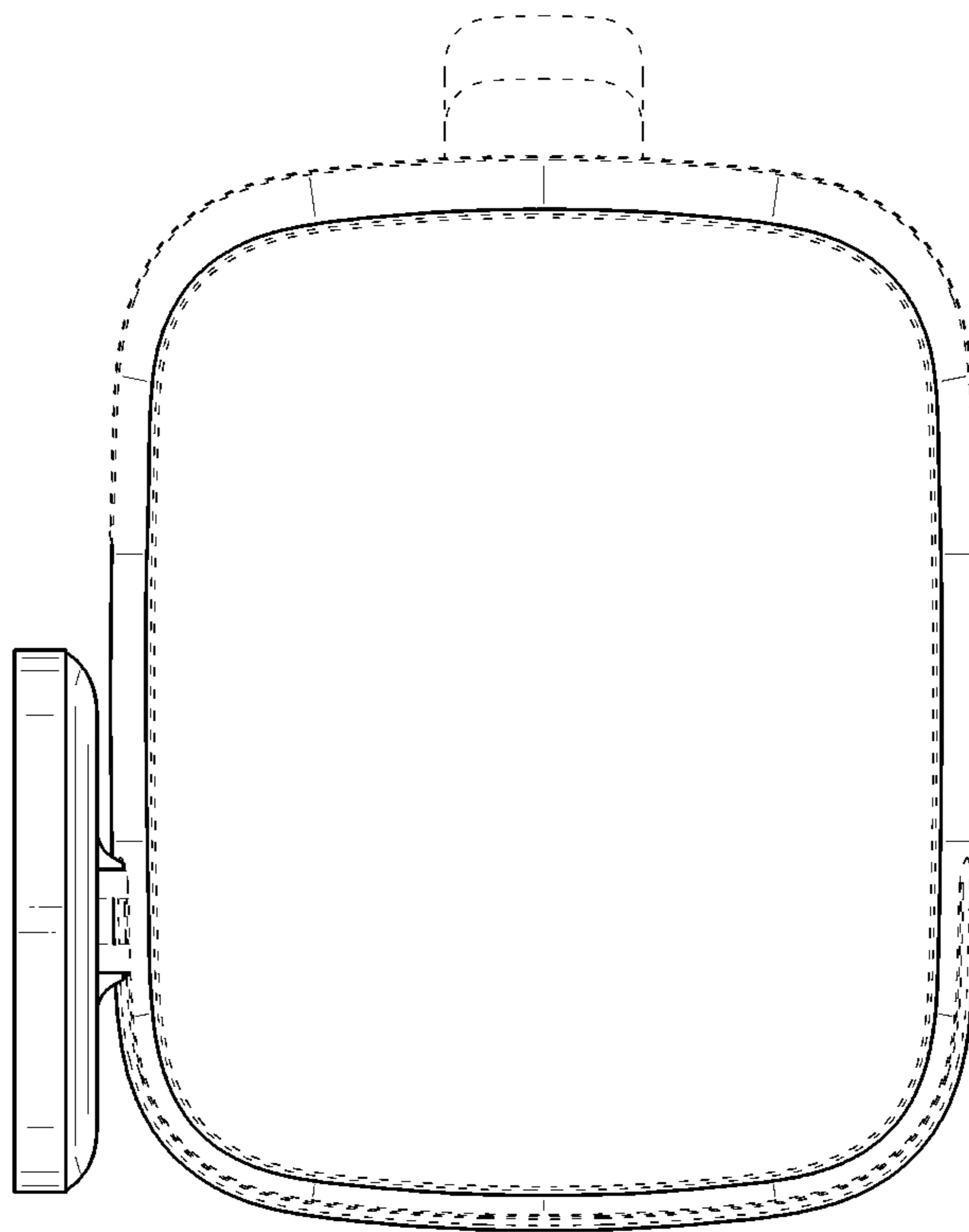


FIG. 7

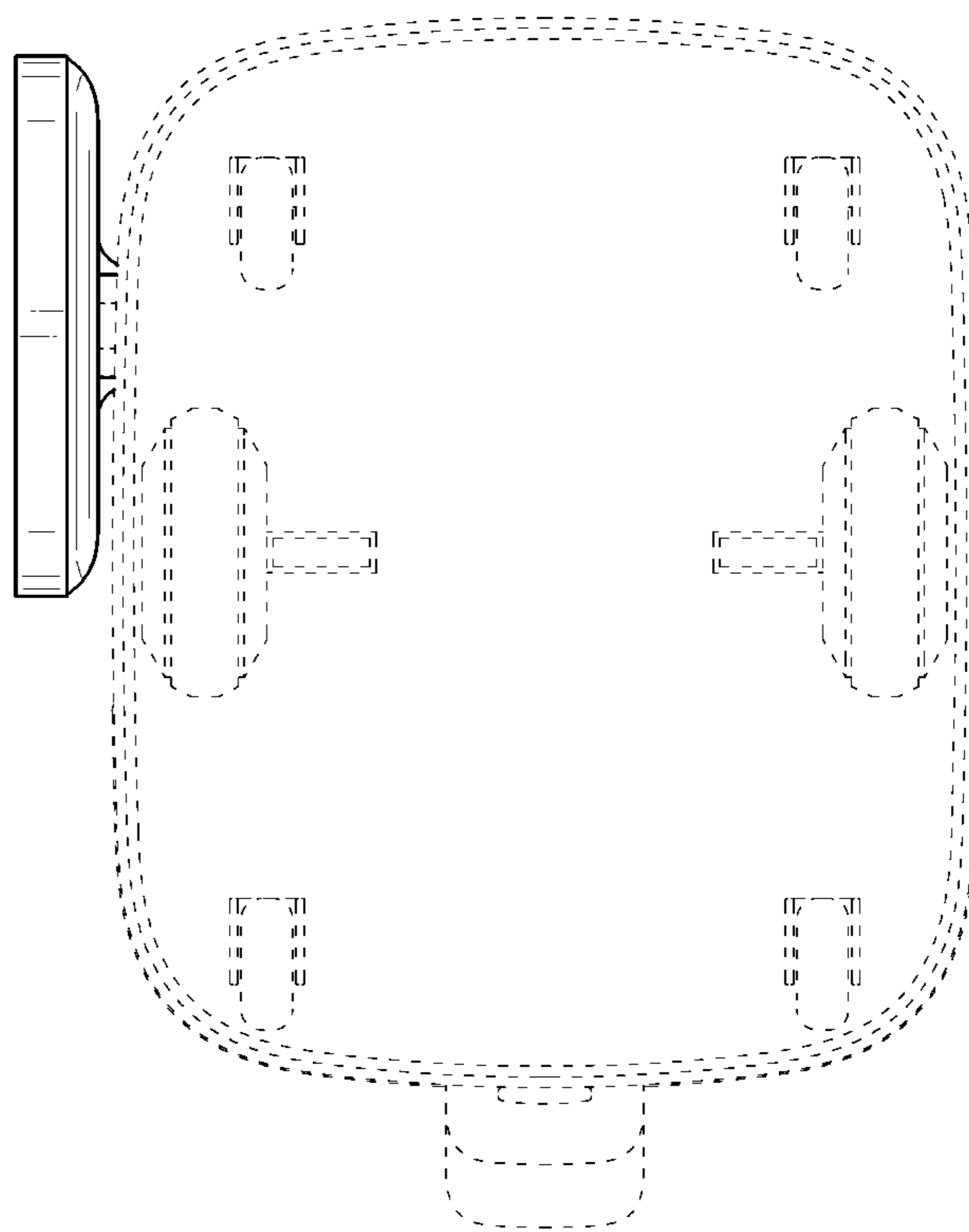


FIG. 8

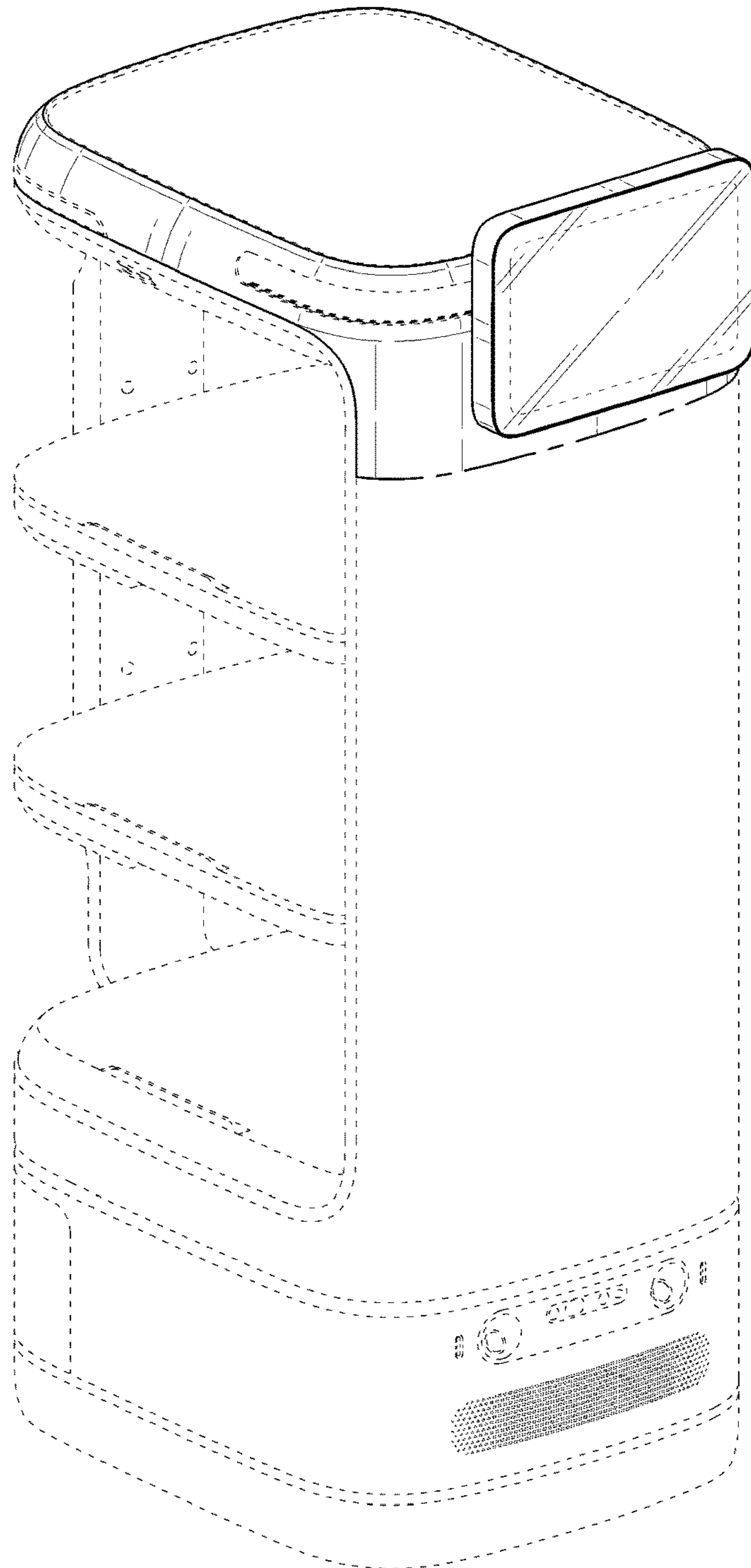


FIG. 9

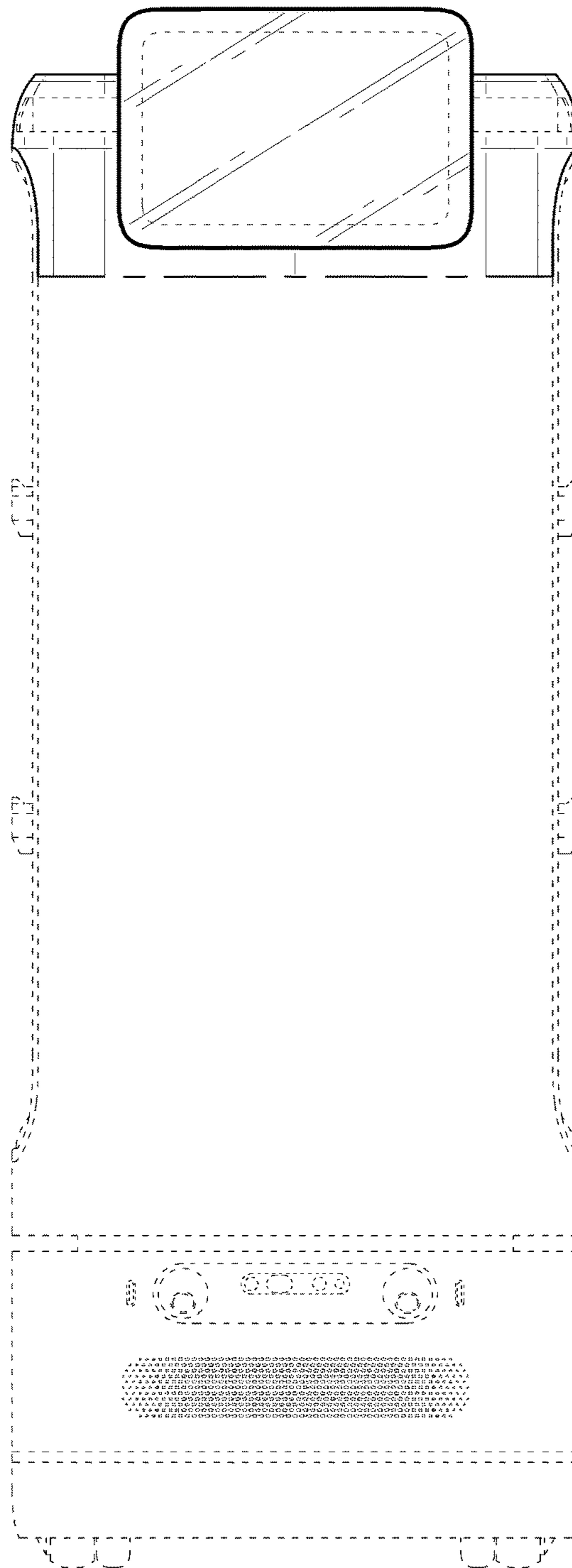


FIG. 10

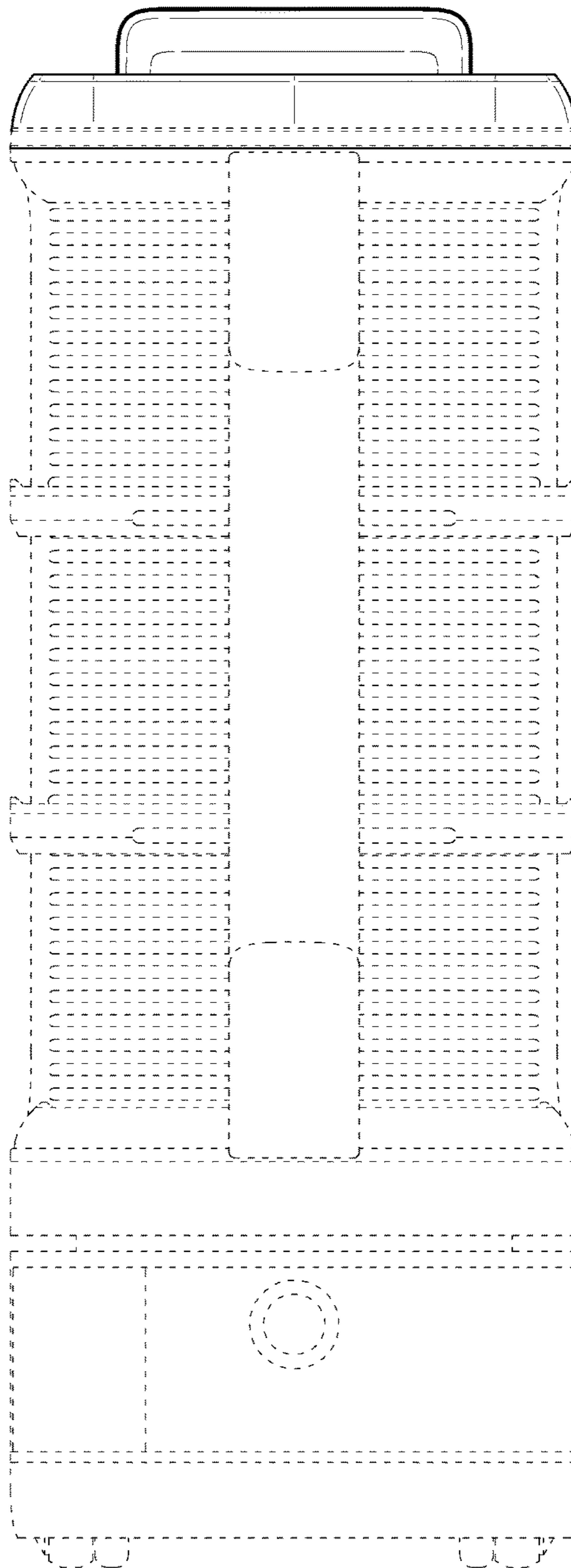


FIG. 11

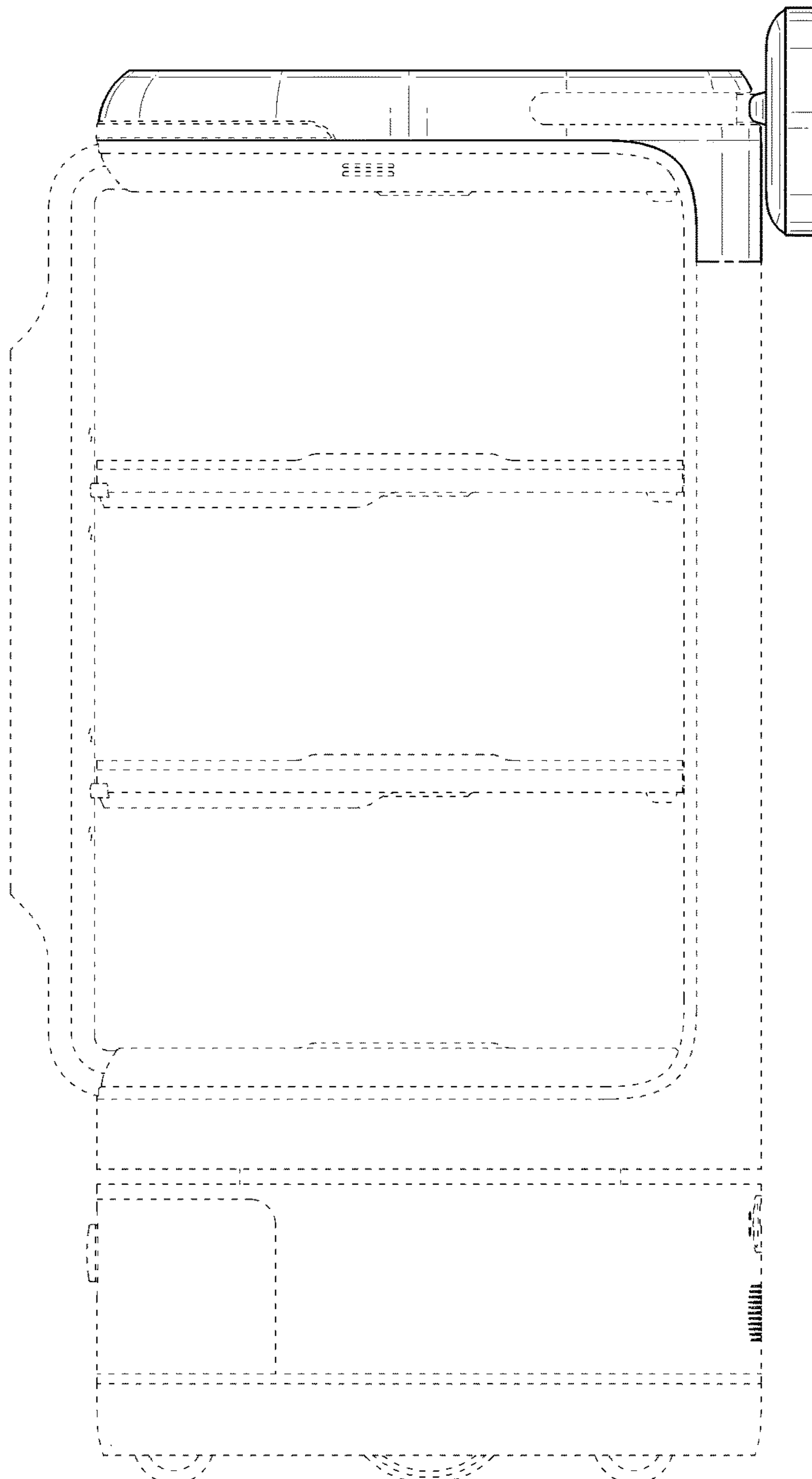


FIG. 12

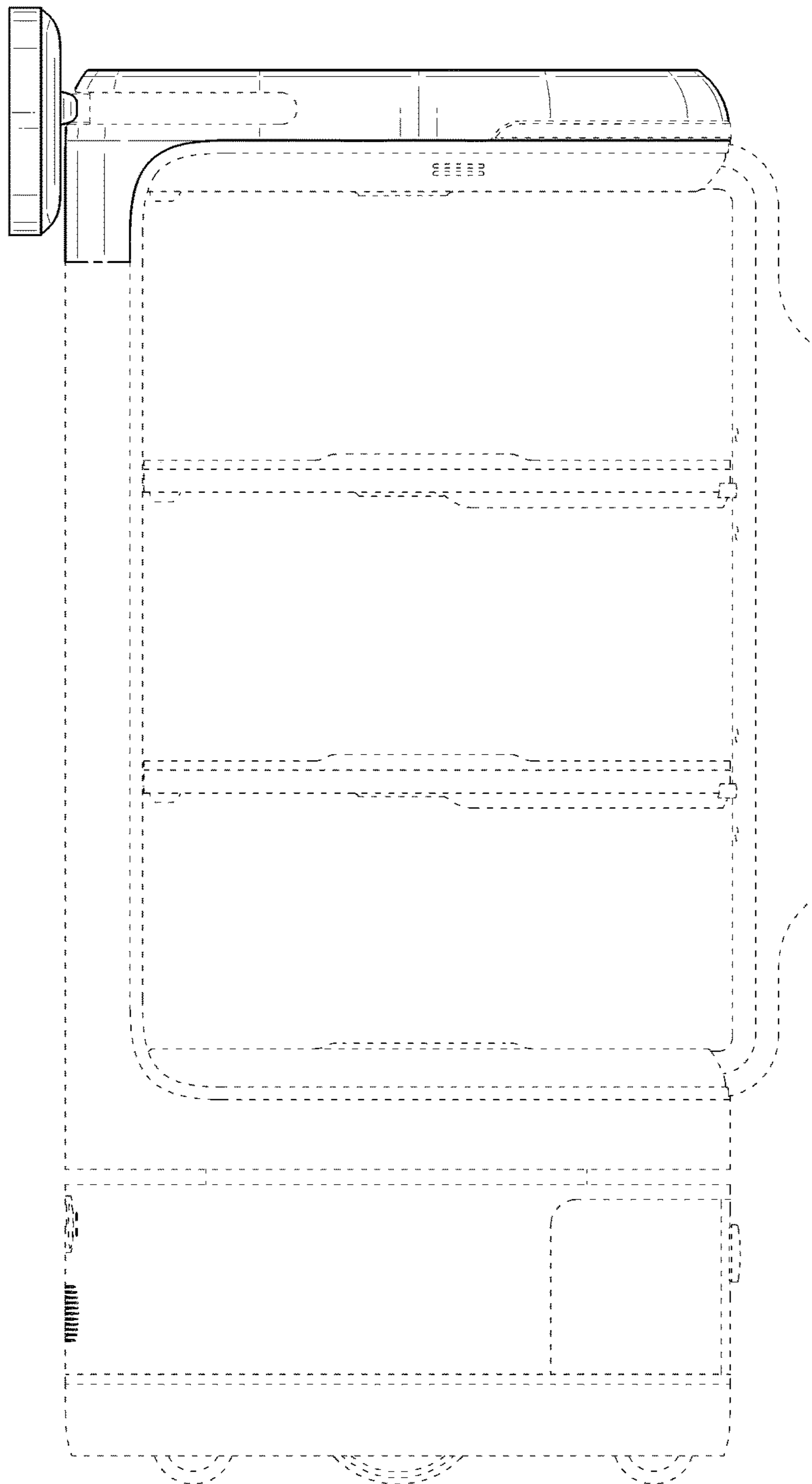


FIG. 13

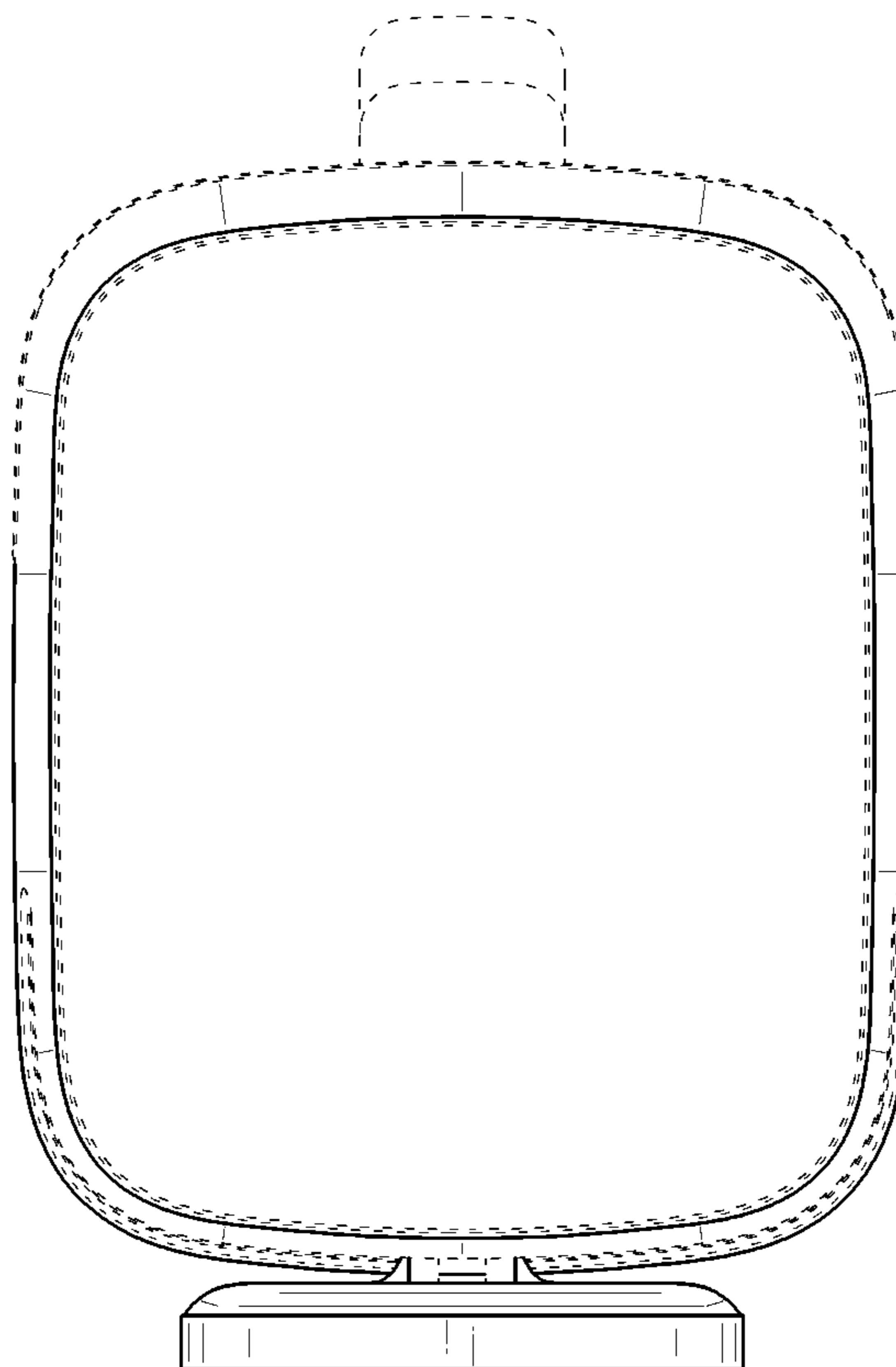


FIG. 14

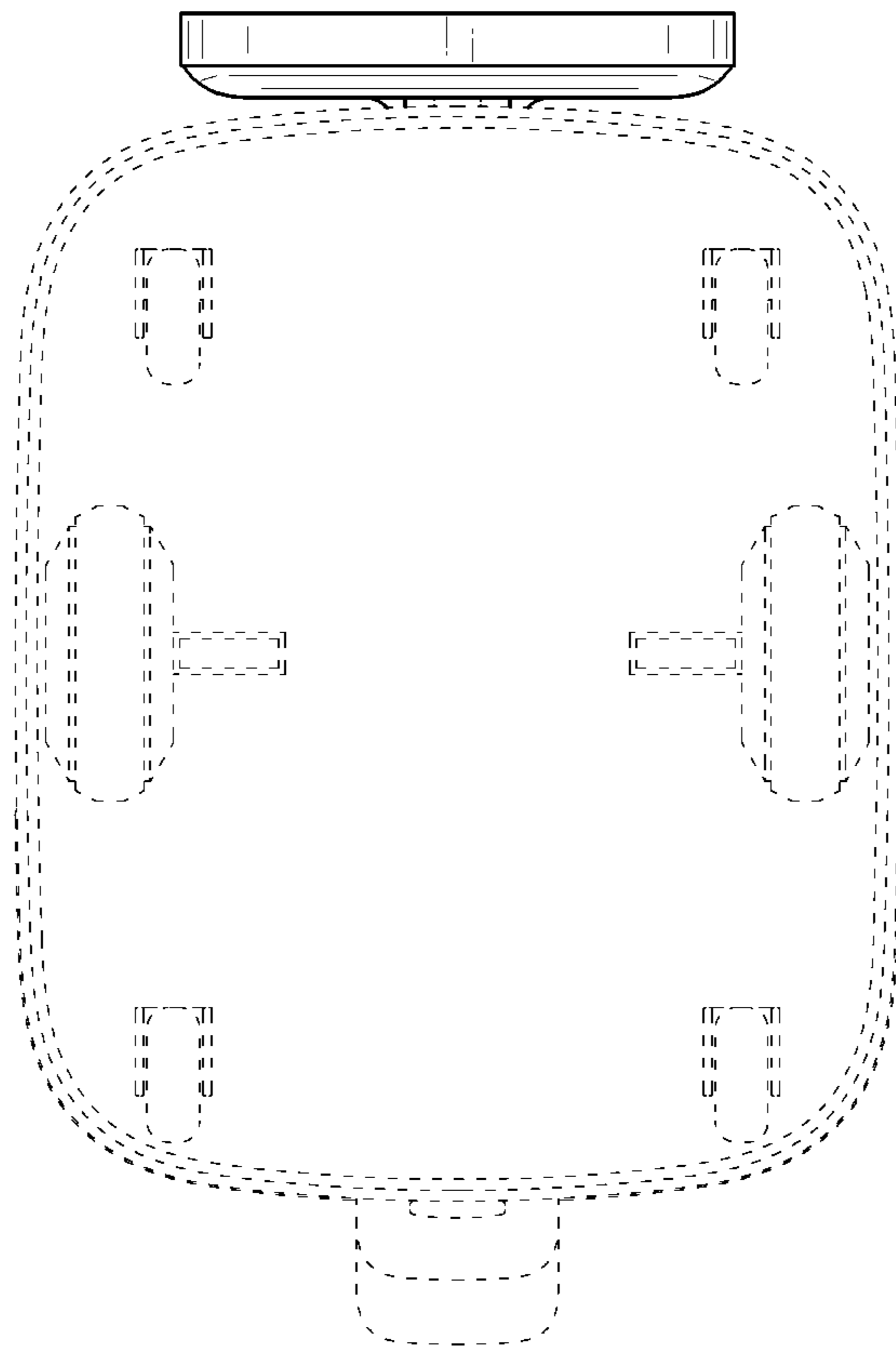


FIG. 15

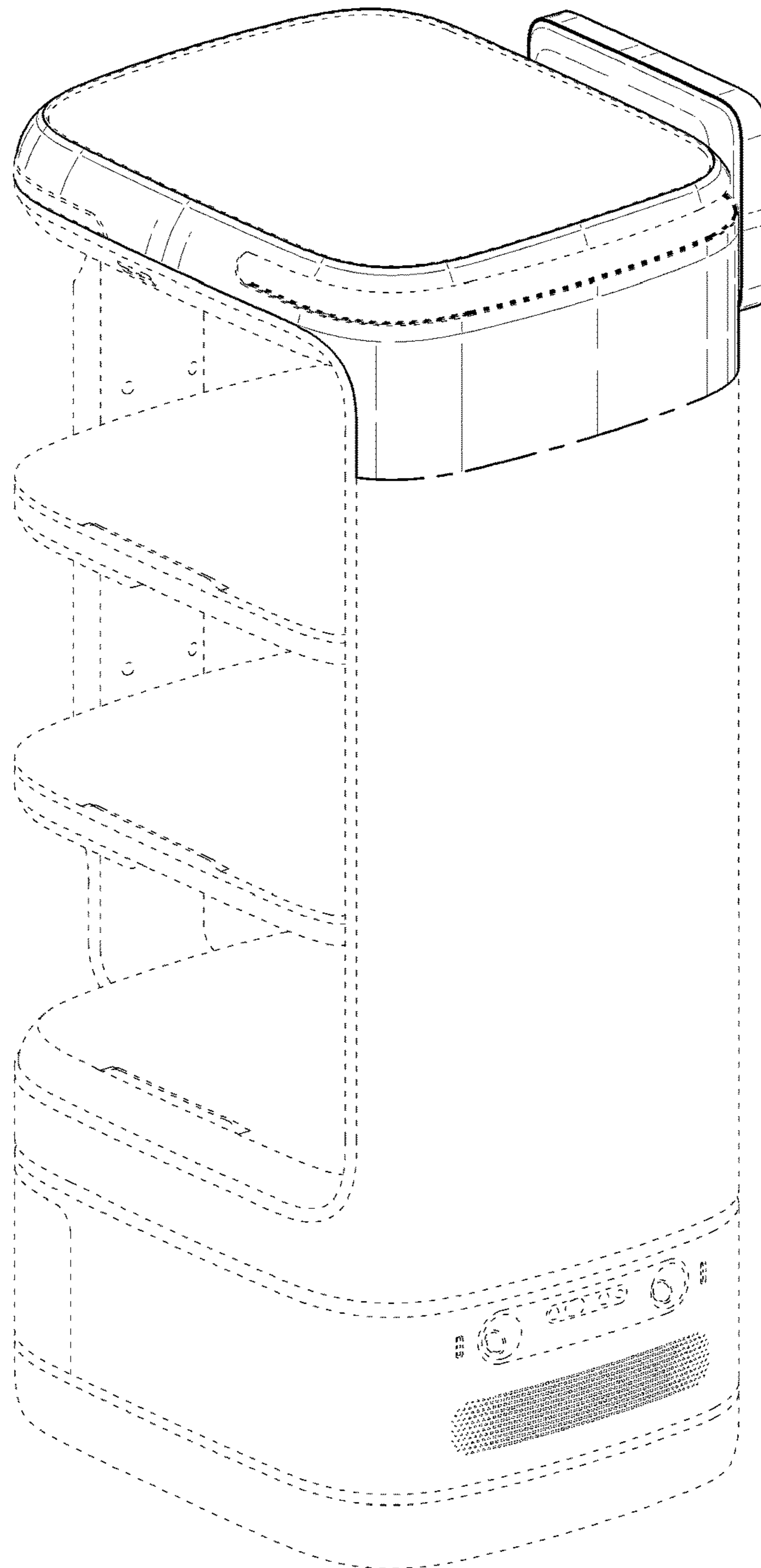


FIG. 16

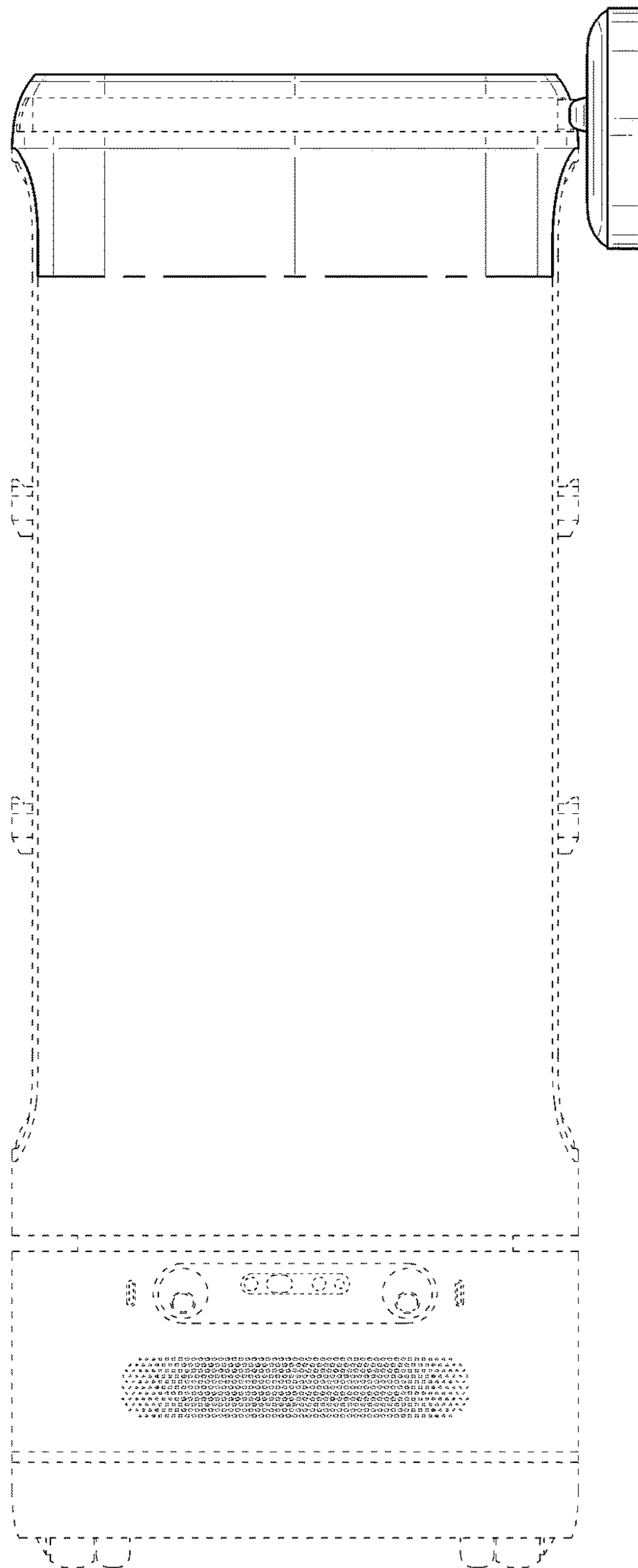


FIG. 17

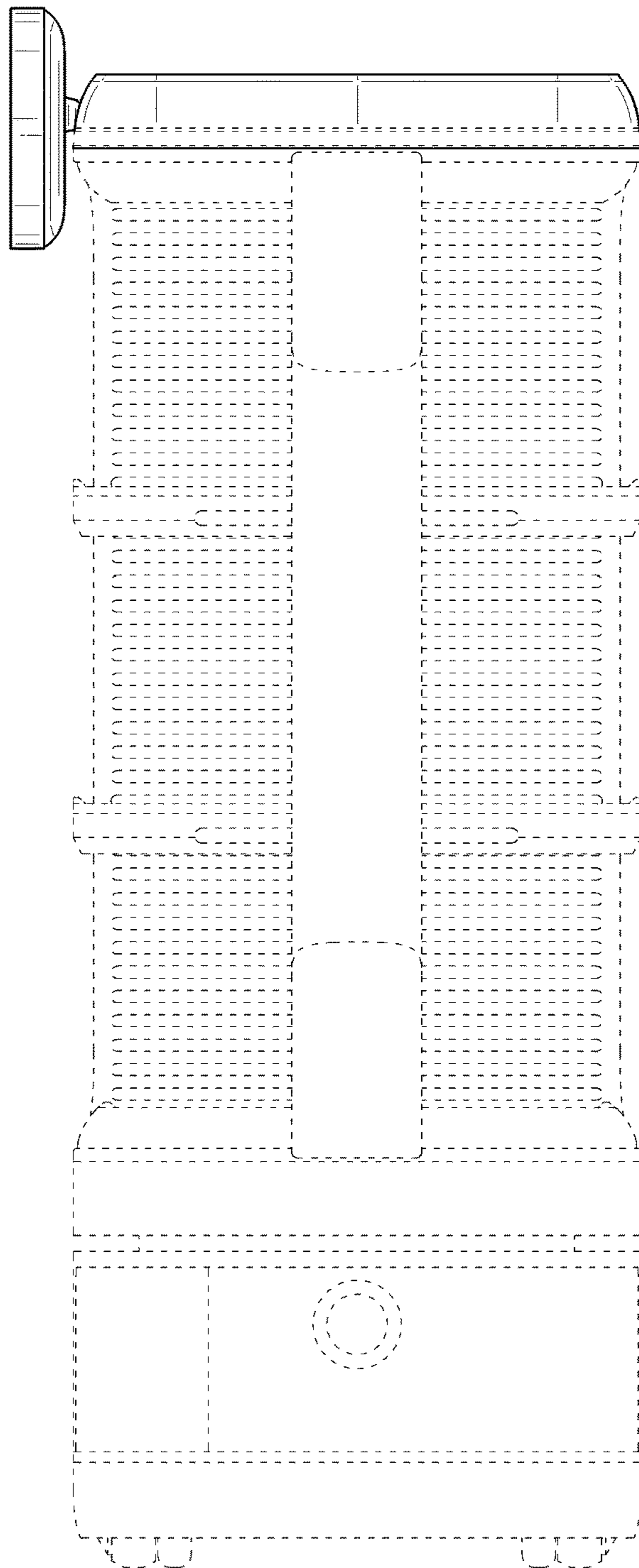


FIG. 18

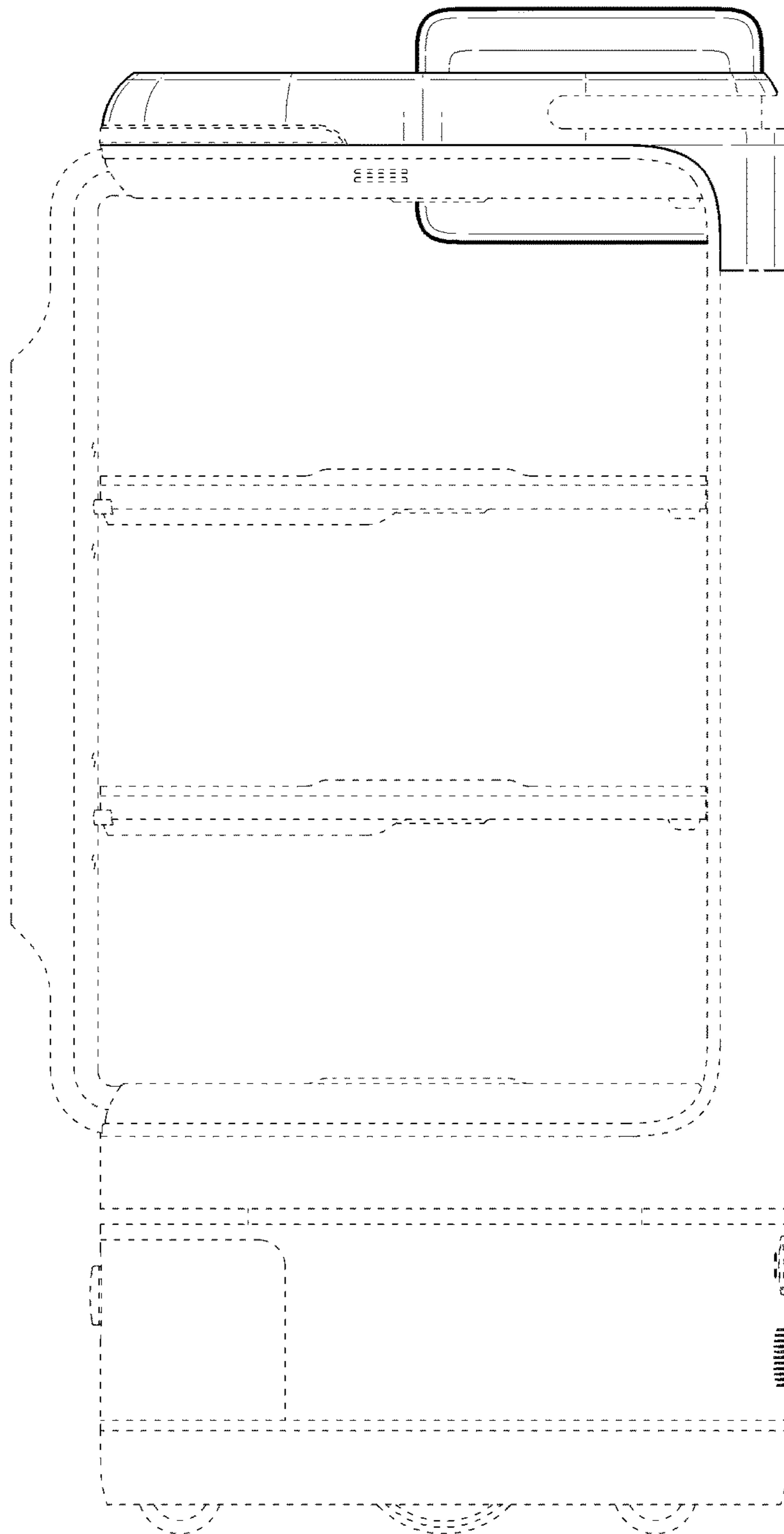


FIG. 19

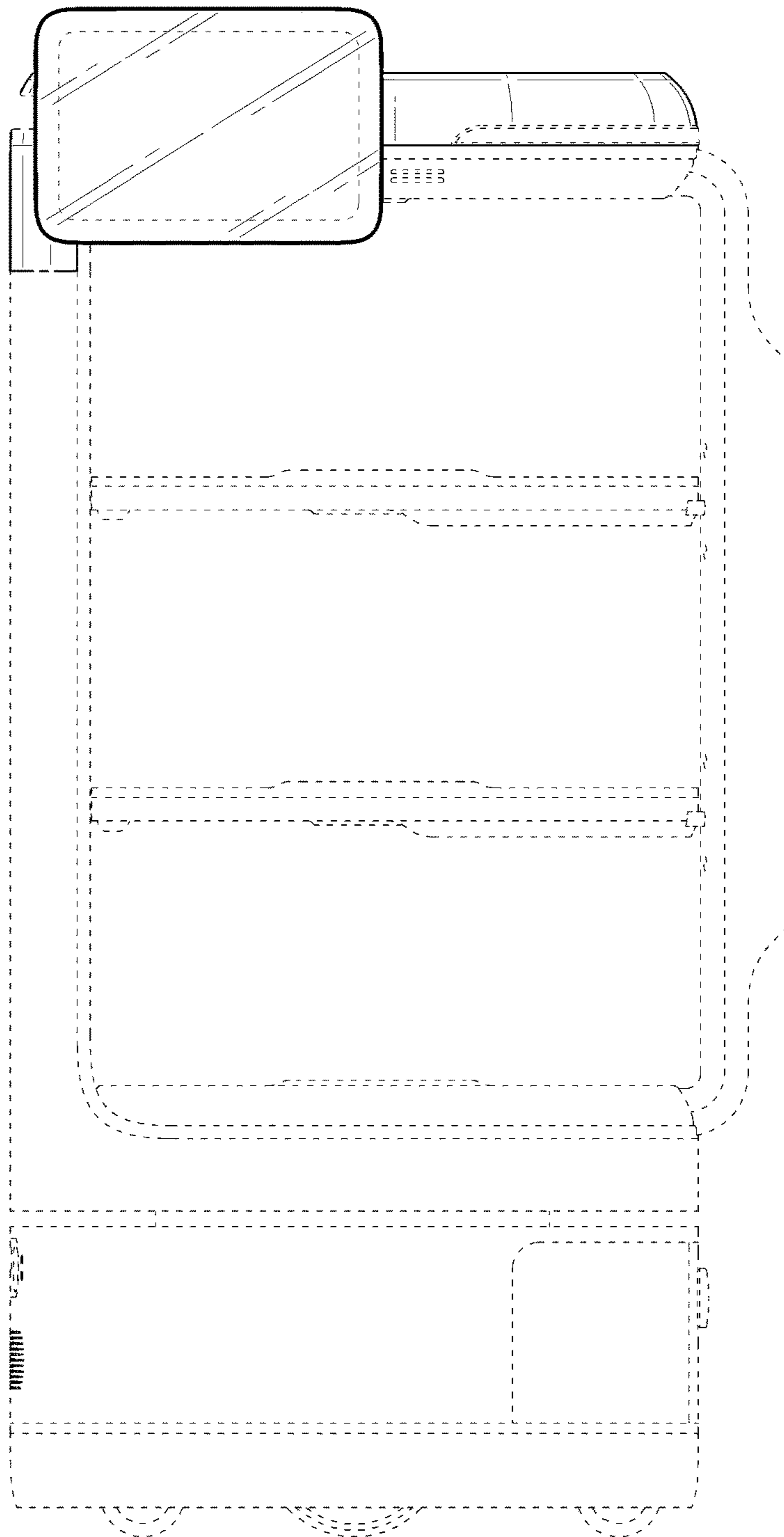


FIG. 20

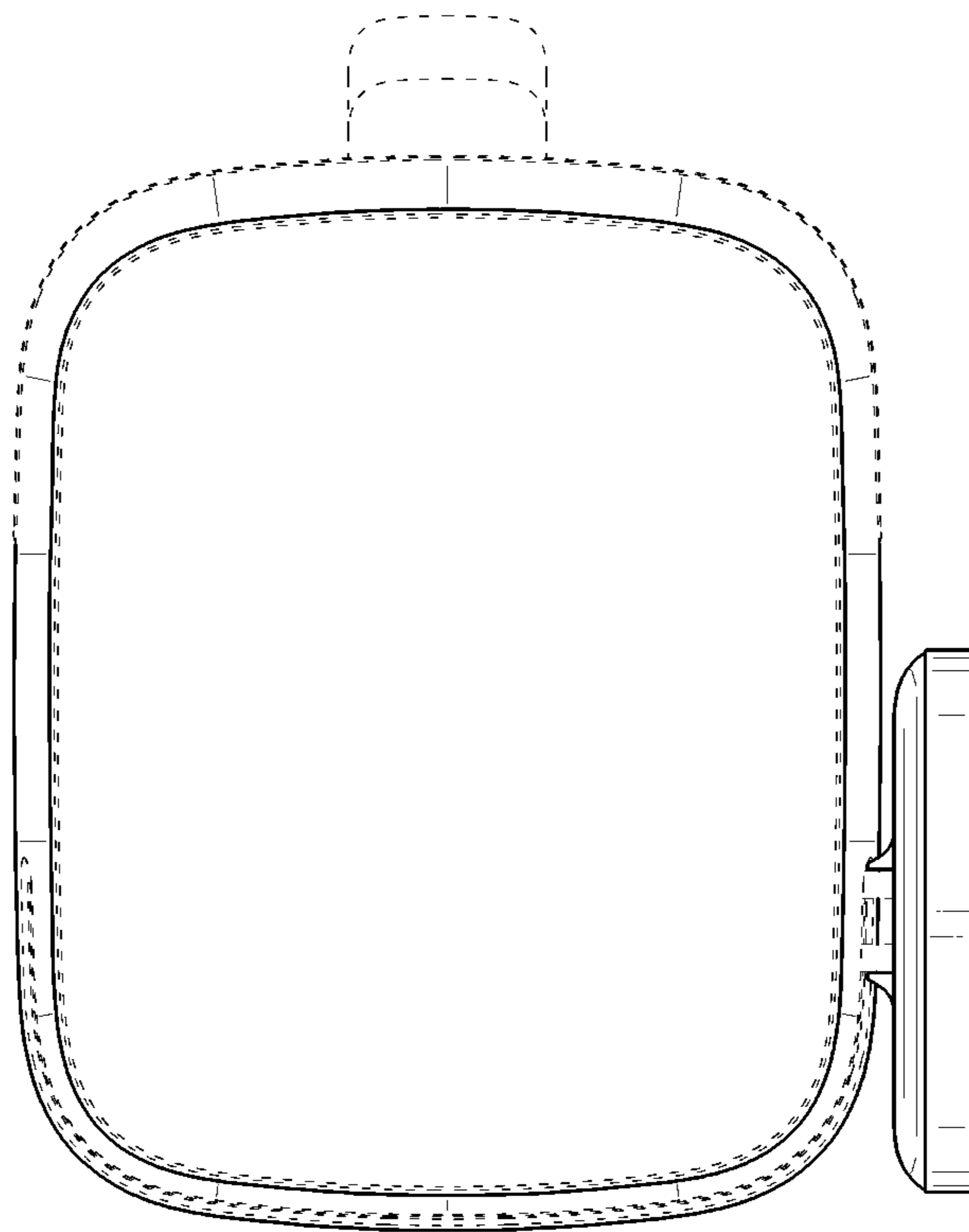


FIG. 21

