



US00D987106S

(12) **United States Design Patent** (10) **Patent No.:** **US D987,106 S**  
**Dangelo et al.** (45) **Date of Patent:** **\*\* May 23, 2023**

(54) **CARTRIDGE CHASSIS**

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- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/704,783**
- (22) Filed: **Sep. 6, 2019**

**Related U.S. Application Data**

- (62) Division of application No. 29/589,643, filed on Jan. 3, 2017, now Pat. No. Des. 864,412.
- (51) **LOC (14) Cl.** ..... **24-01**
- (52) **U.S. Cl.**  
USPC ..... **D24/224**
- (58) **Field of Classification Search**  
USPC ..... D24/107, 121, 133, 183, 184, 224–225, D24/227, 233; D6/596, 601; D9/523, D9/547, 549, 550, 724, 732  
(Continued)

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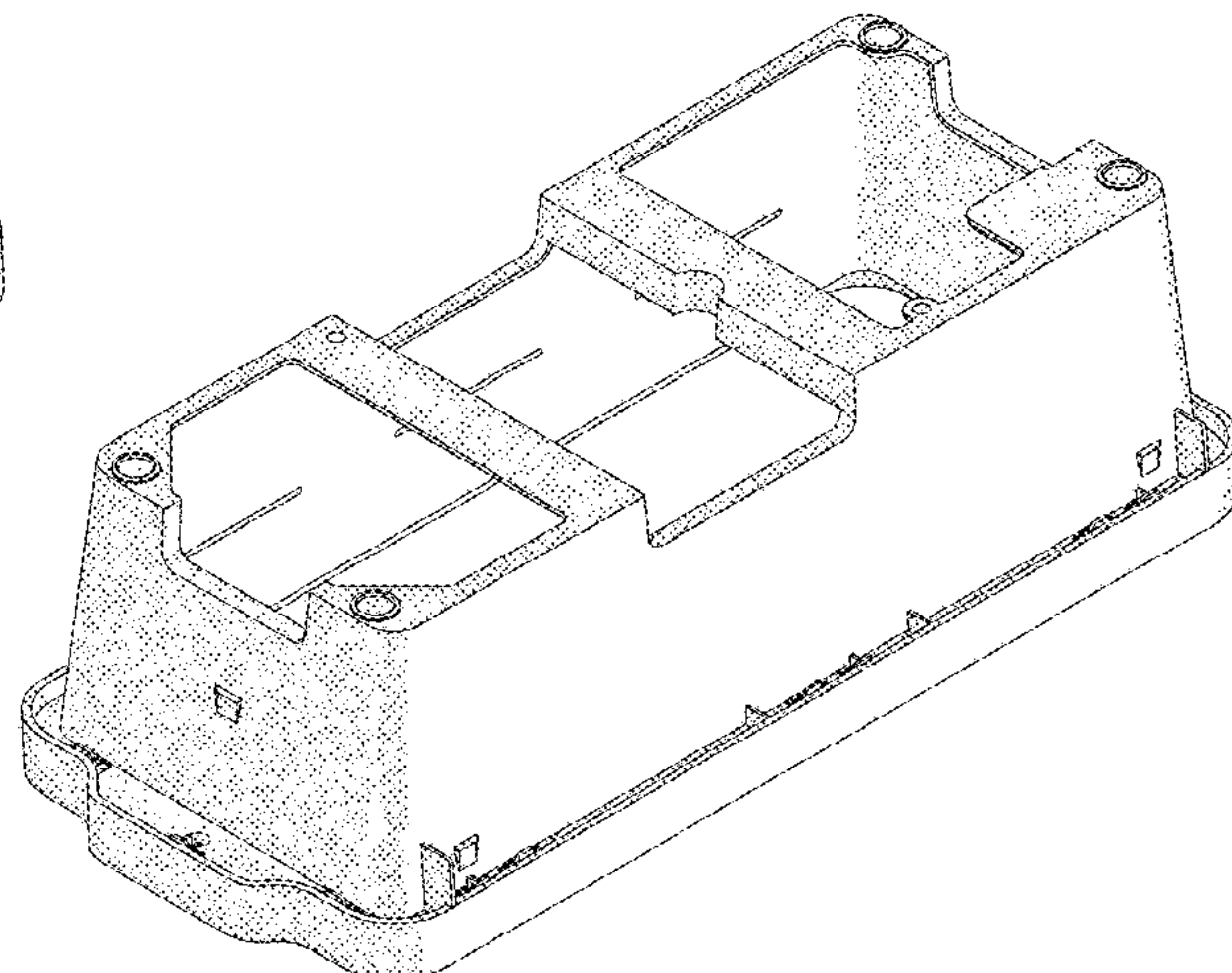
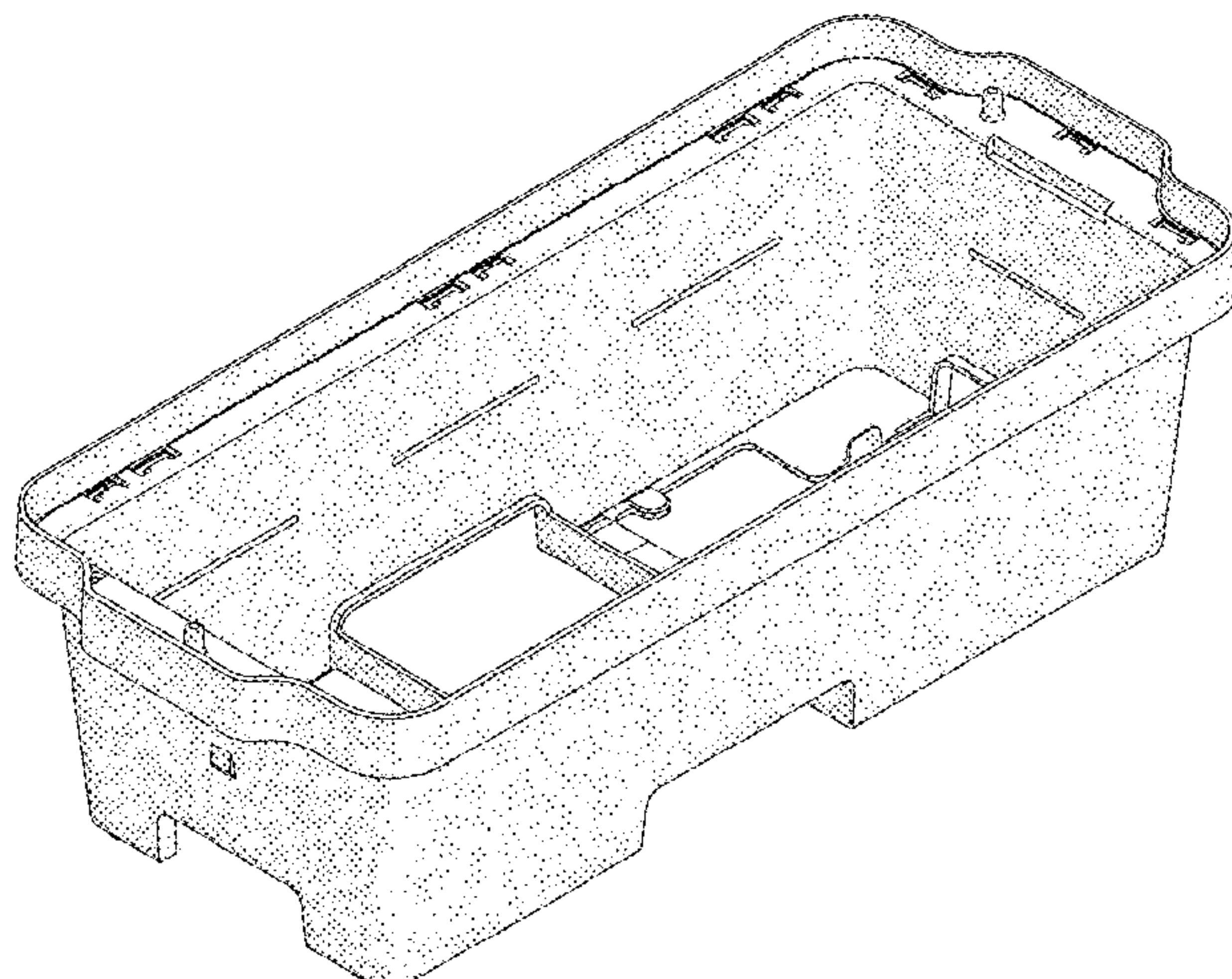
(57) **CLAIM**

We claim the ornamental design for a cartridge chassis, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a cartridge chassis.  
 FIG. 2 is a right side view thereof.  
 FIG. 3 is a left side view thereof.  
 FIG. 4 is a top view thereof.  
 FIG. 5 is a bottom view thereof.  
 FIG. 6 is a rear view thereof.  
 FIG. 7 is a front view thereof.  
 FIG. 8 is an off-angle perspective view of the underside thereof; and,  
 FIG. 9 is another off-angle perspective view of the underside thereof.  
 FIGS. 10-18 correspond to FIGS. 1-9, respectively, but for a second embodiment of a cartridge chassis without shading or disclaimed subject matter and including tangent lines, which are shown as dashed or dotted lines in these Figures. The cartridge chassis in the accompanying figures may be used to provide a cartridge for use in DNA sequencing. The cartridge chassis may be configured to receive an insert that may be used to contain one or more liquids, solutions, DNA, chemicals, or other media, such as reagents, and may be configured to be inserted into a DNA sequencing apparatus. Stipple shading is used in the accompanying FIGS. 1-9 to convey surface contouring and is not indicative of any particular texture or coloring.

(Continued)



The dashed or dotted lines in FIGS. 10-18 depict tangent lines that represent smooth transitions between a surface and a rounded surface and form a part of the claimed design.

**1 Claim, 18 Drawing Sheets**

**(58) Field of Classification Search**

CPC ..... A61G 1/04-048; A61G 5/12-128; B01L 3/00

See application file for complete search history.

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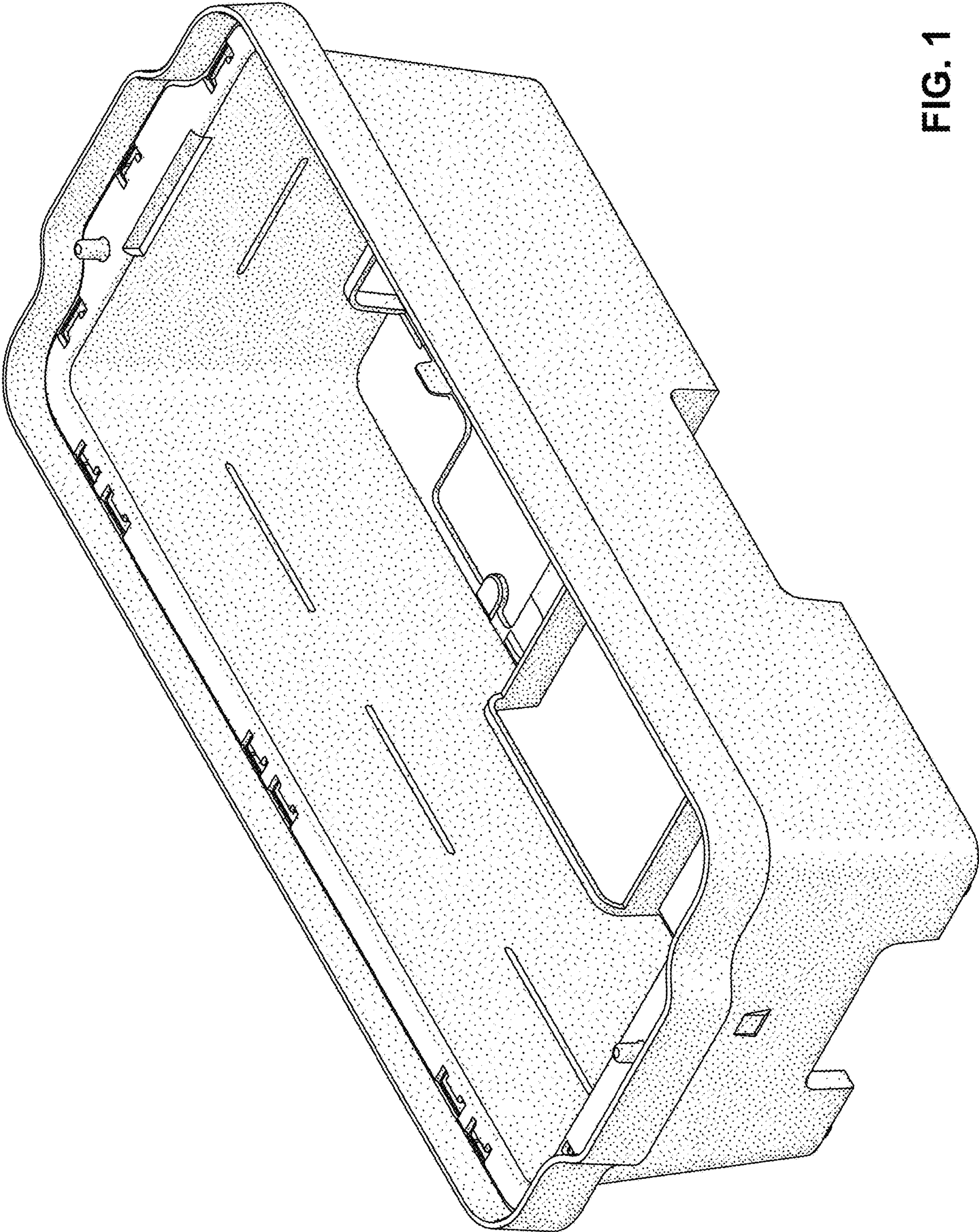


FIG. 1

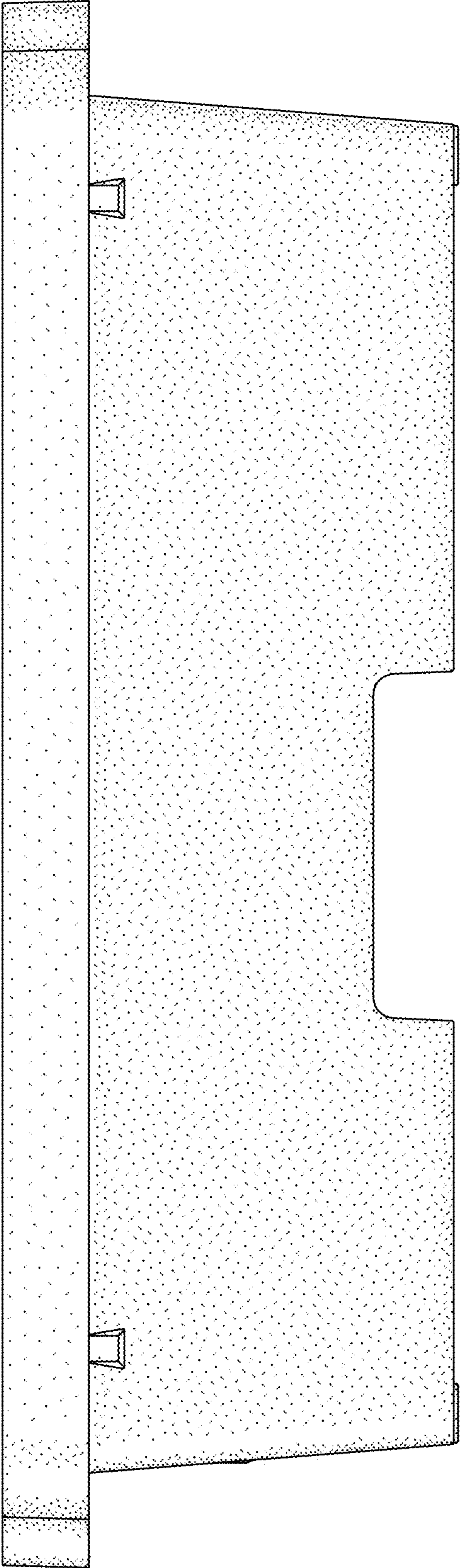


FIG. 2



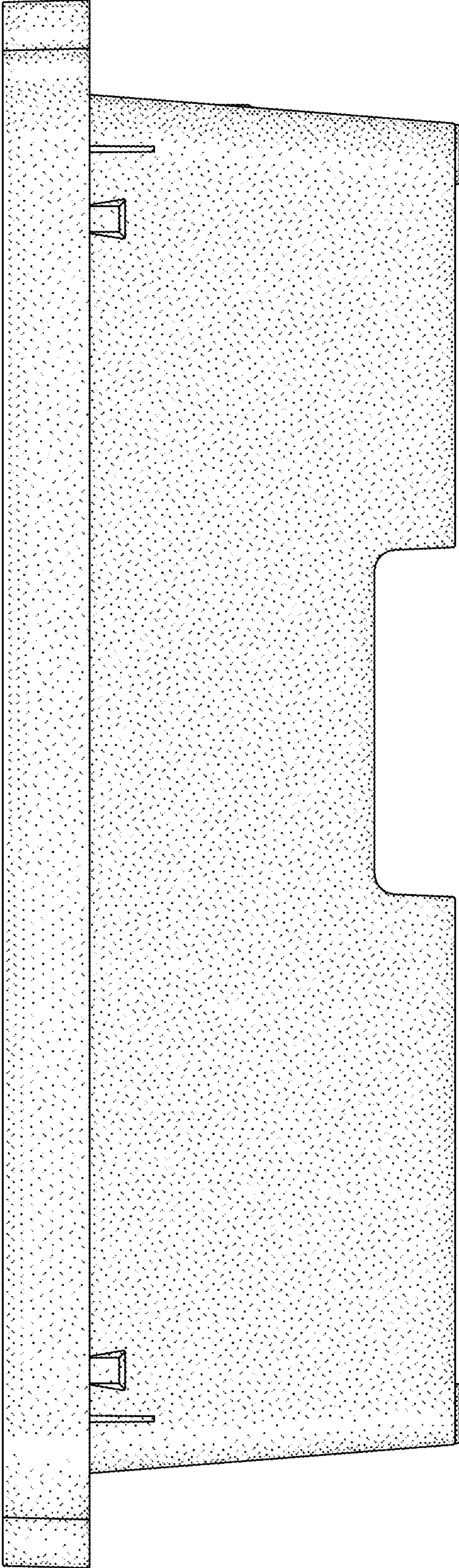


FIG. 3

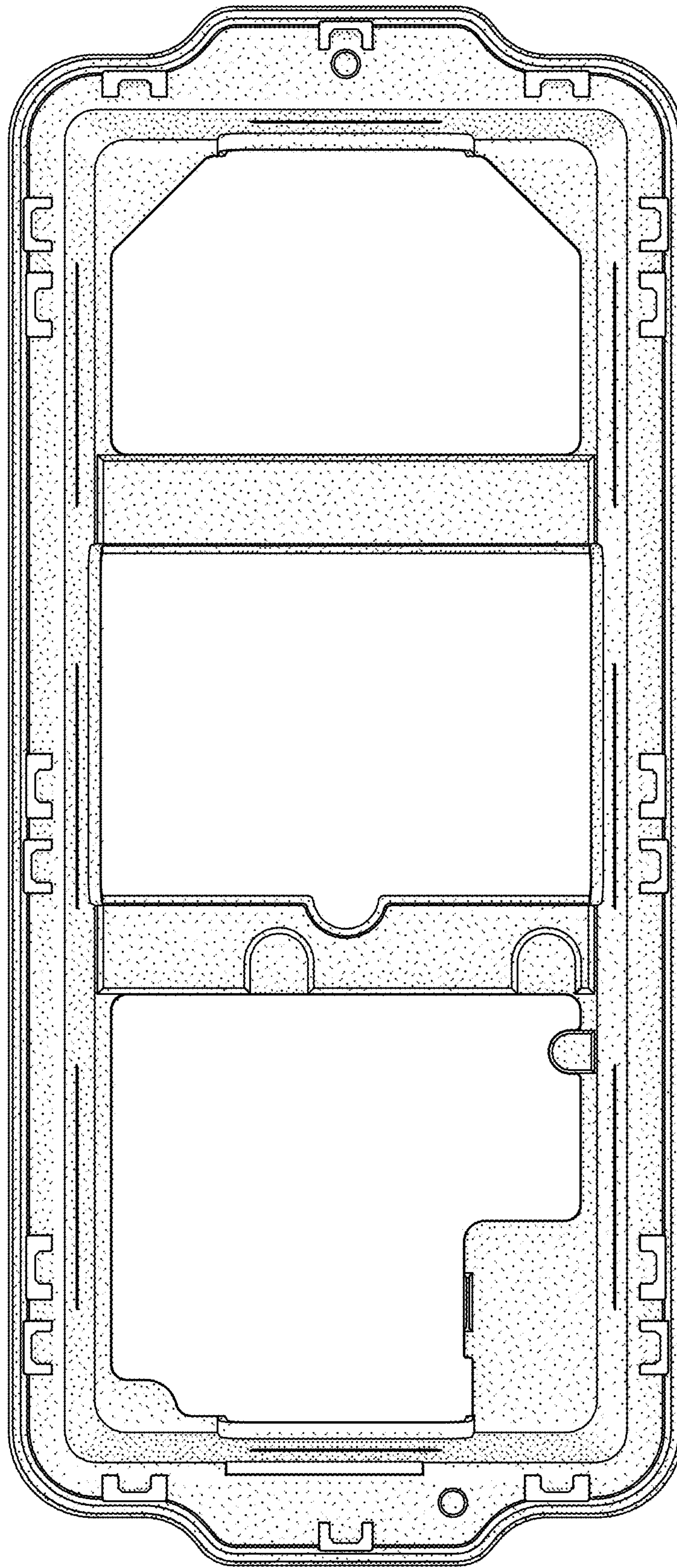


FIG. 4

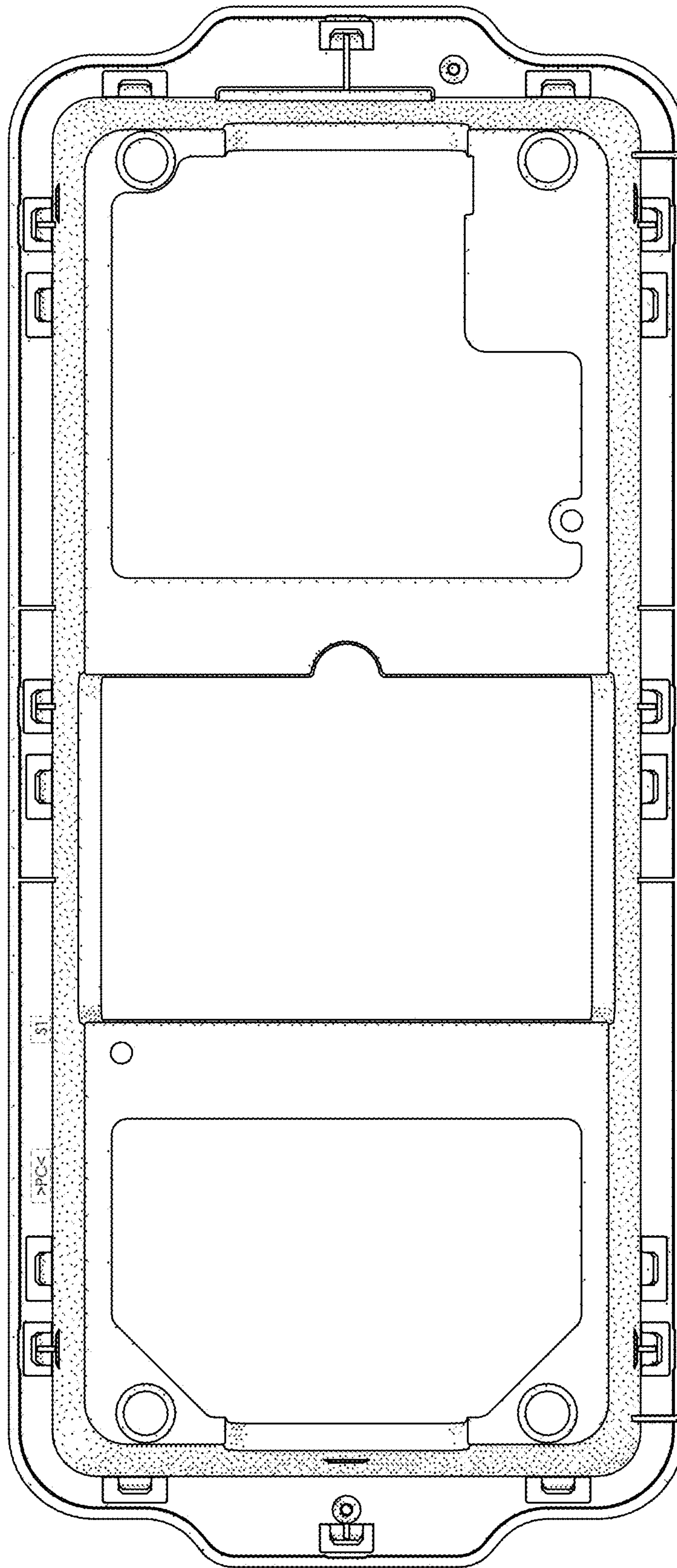


FIG. 5



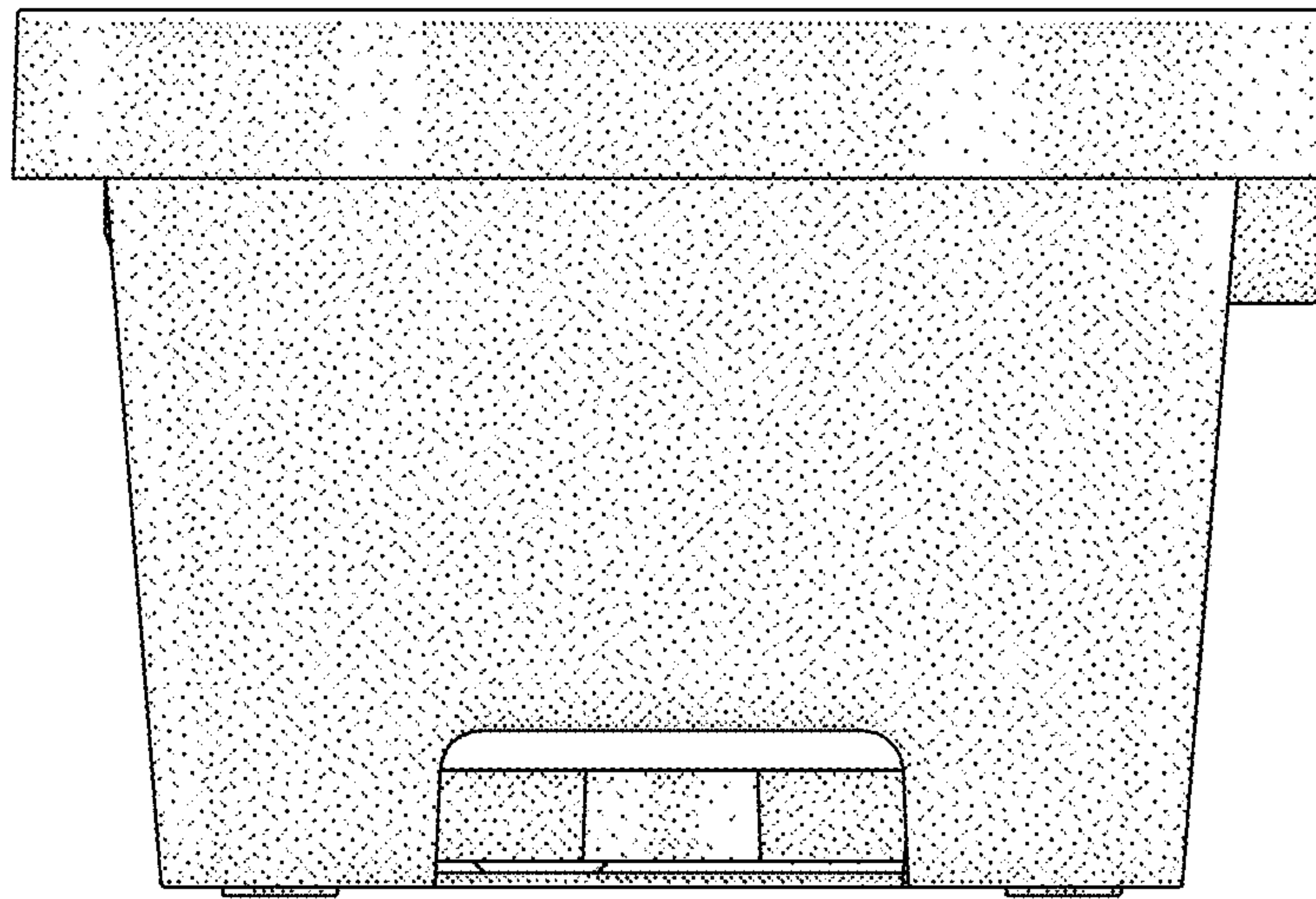


FIG. 6



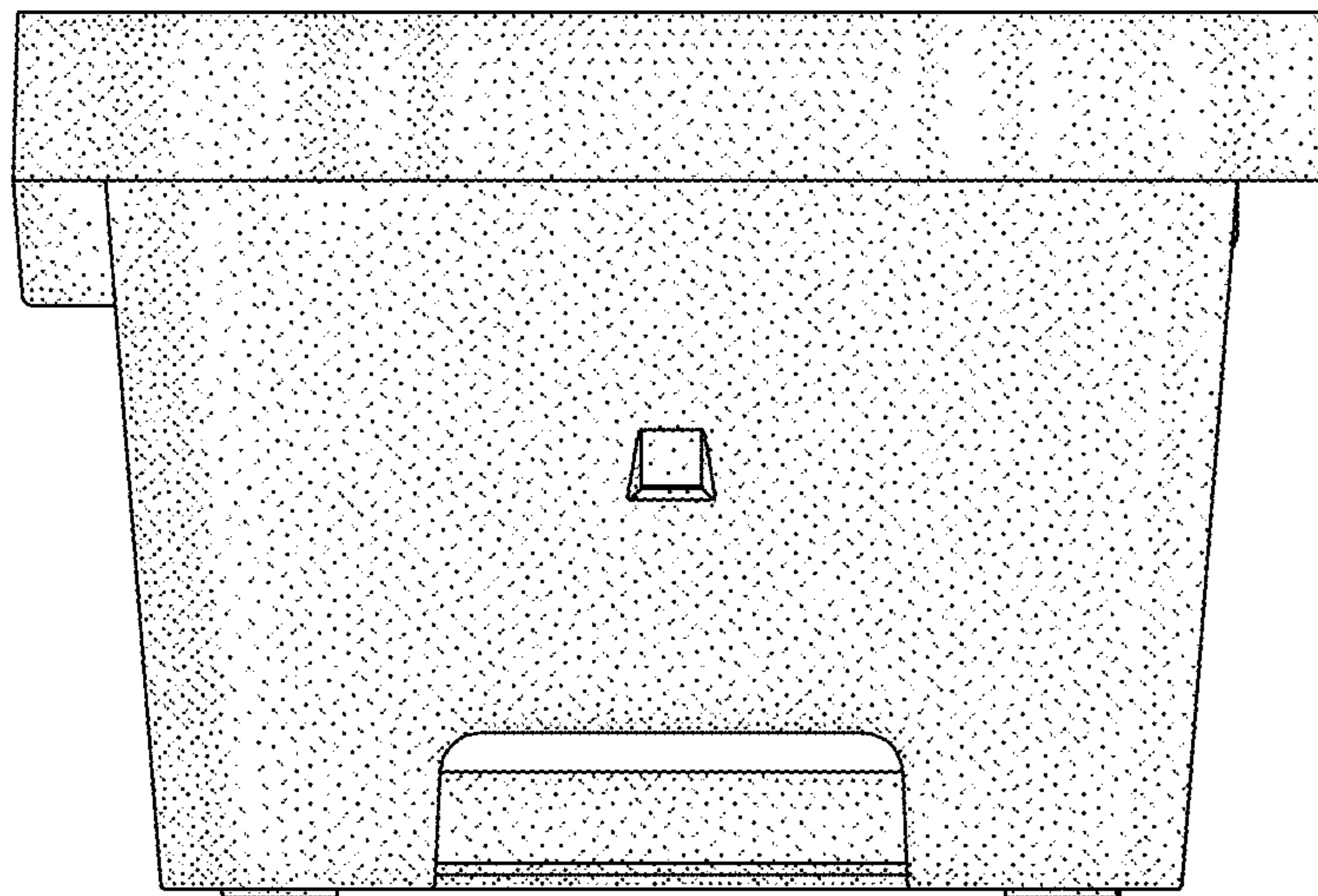


FIG. 7

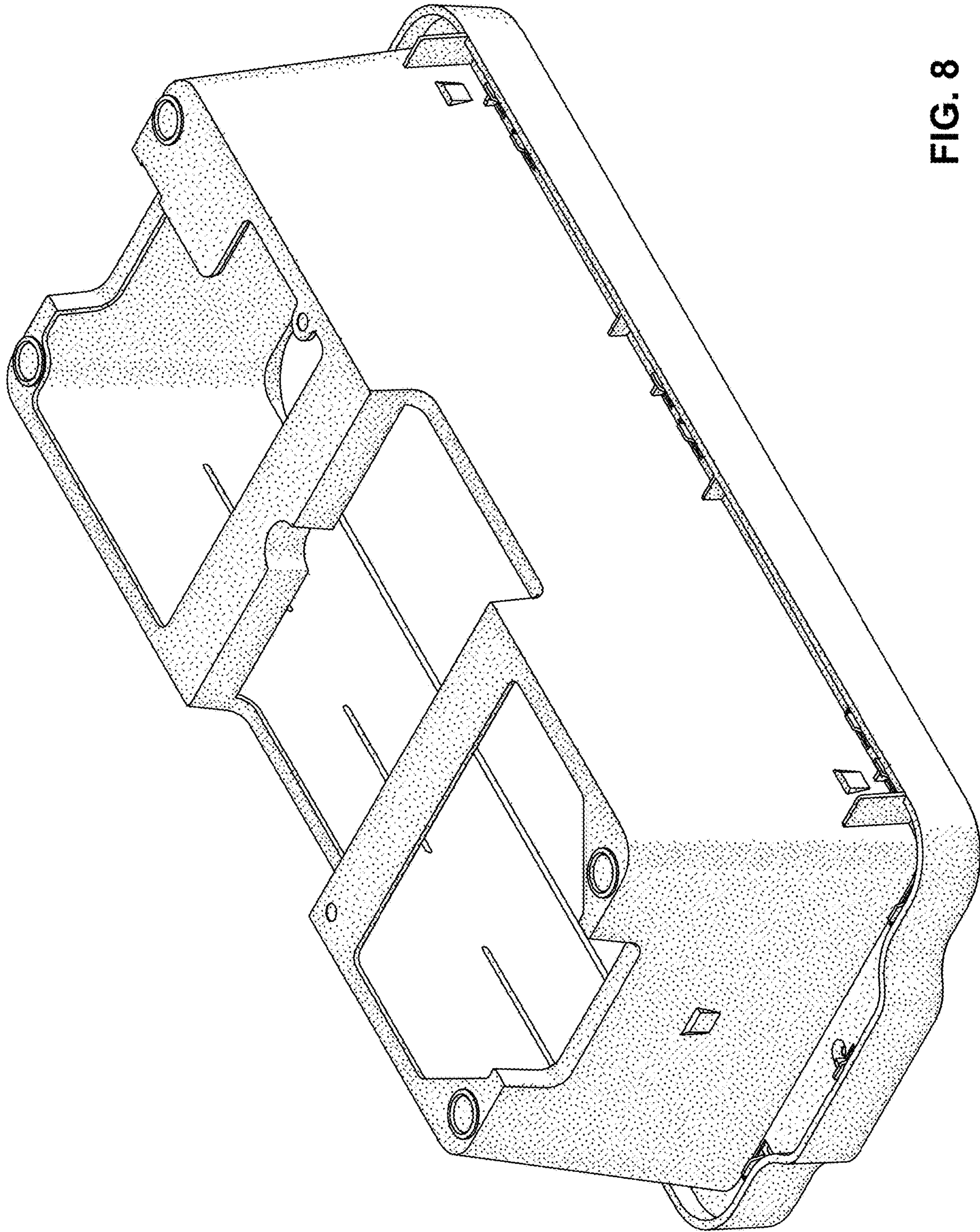


FIG. 8



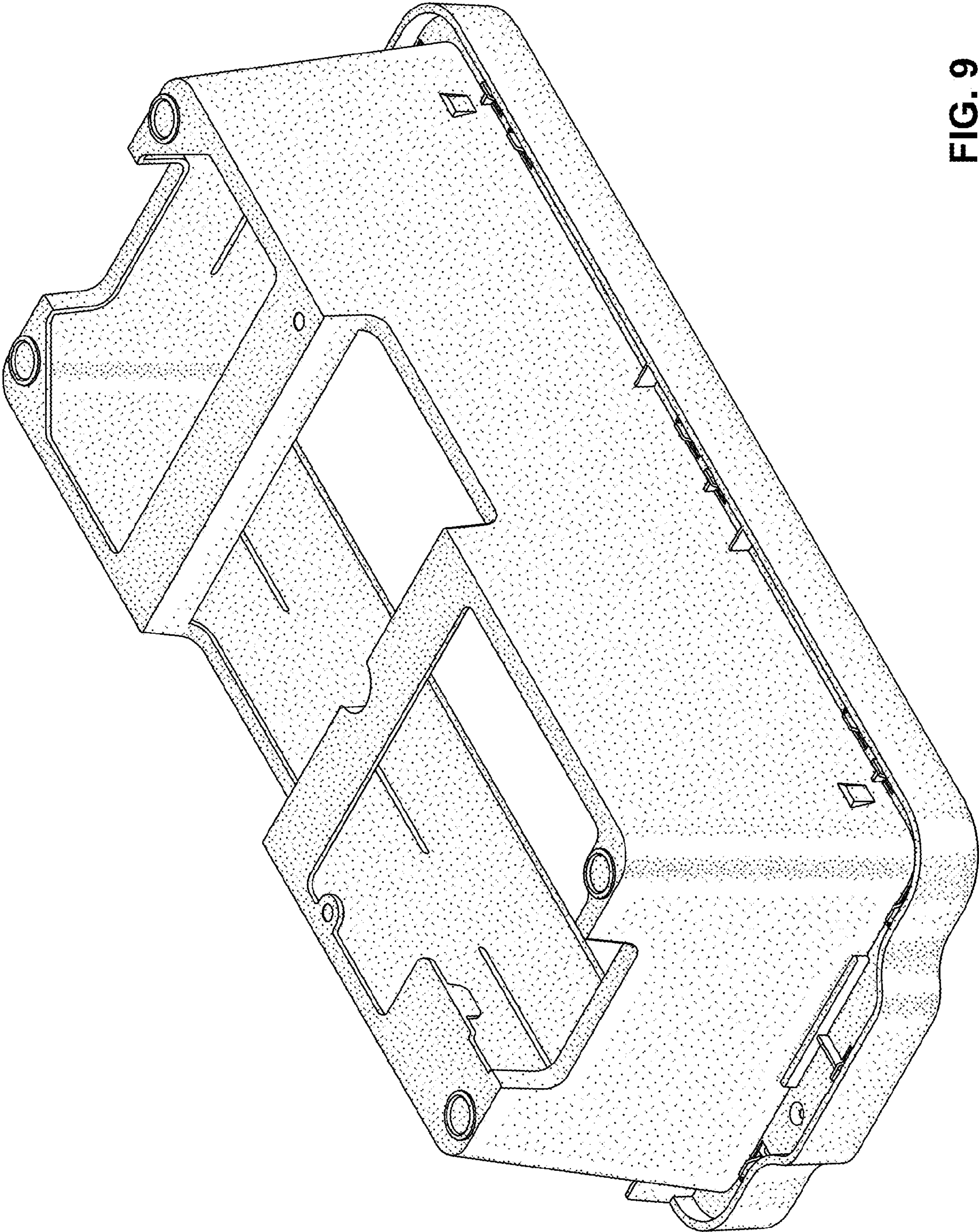


FIG. 9

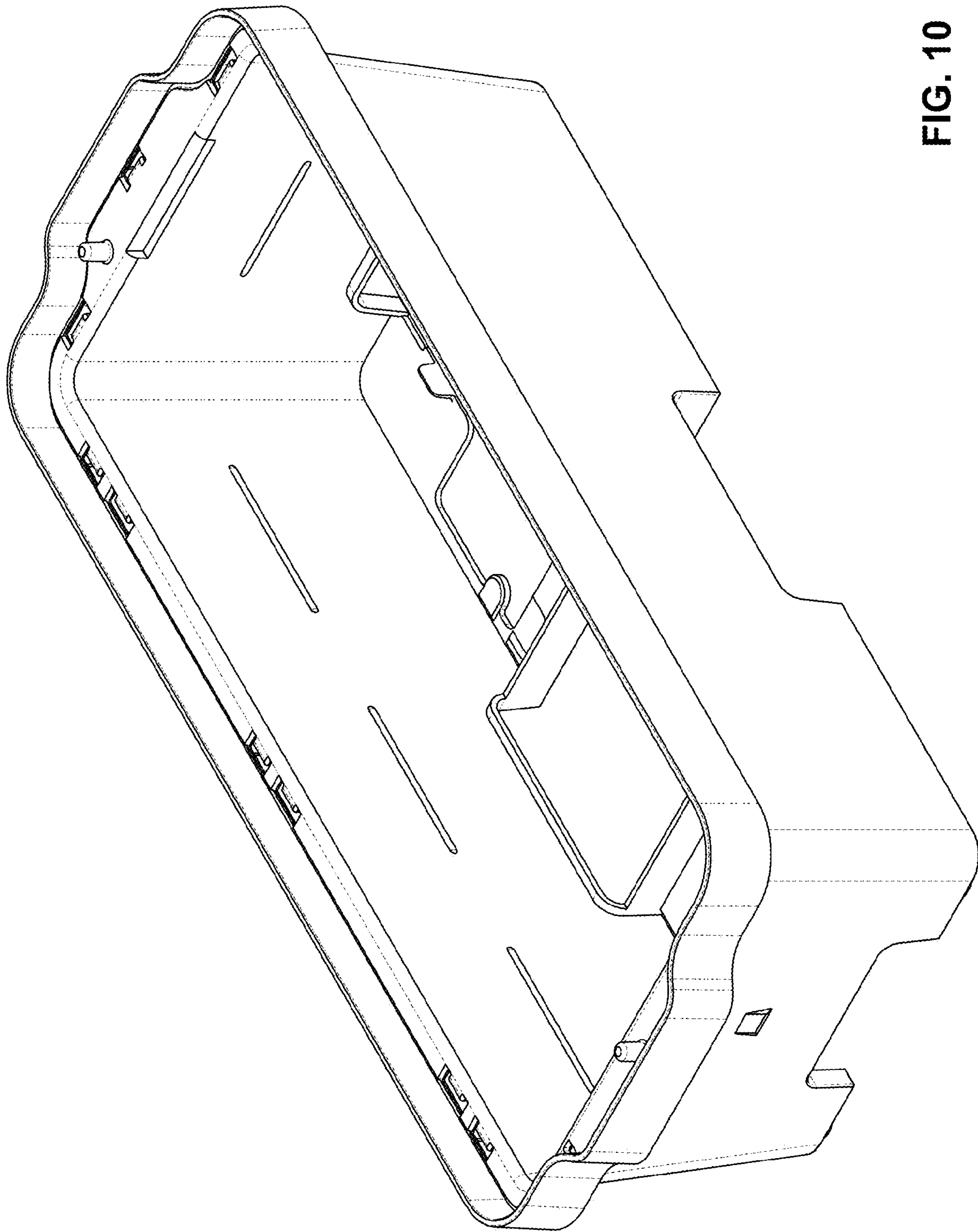


FIG. 10



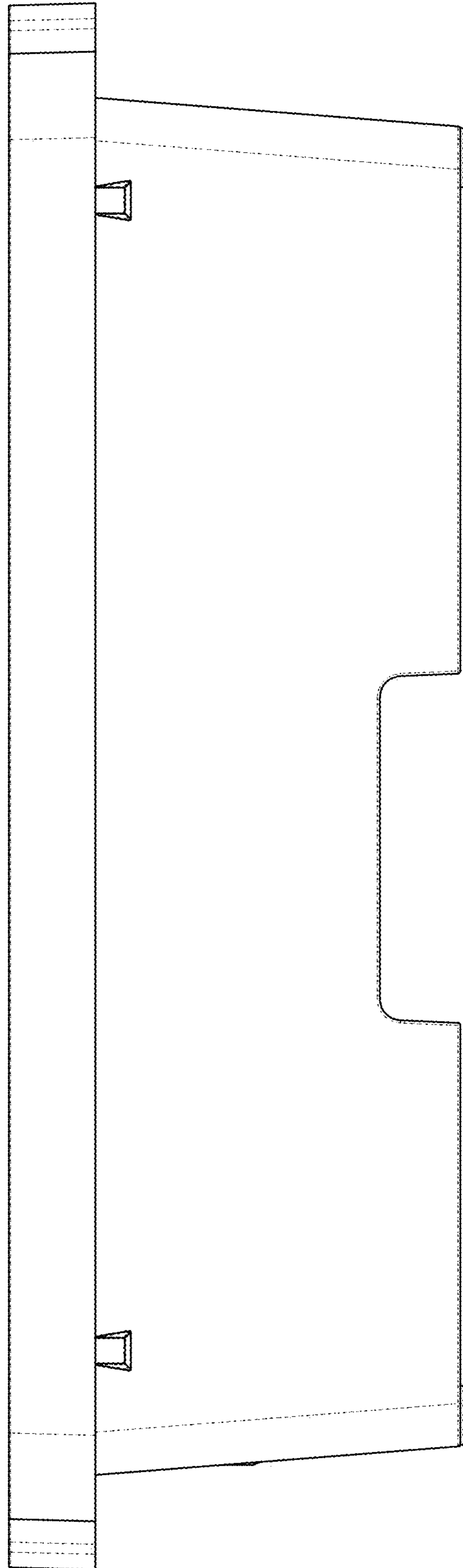


FIG. 11

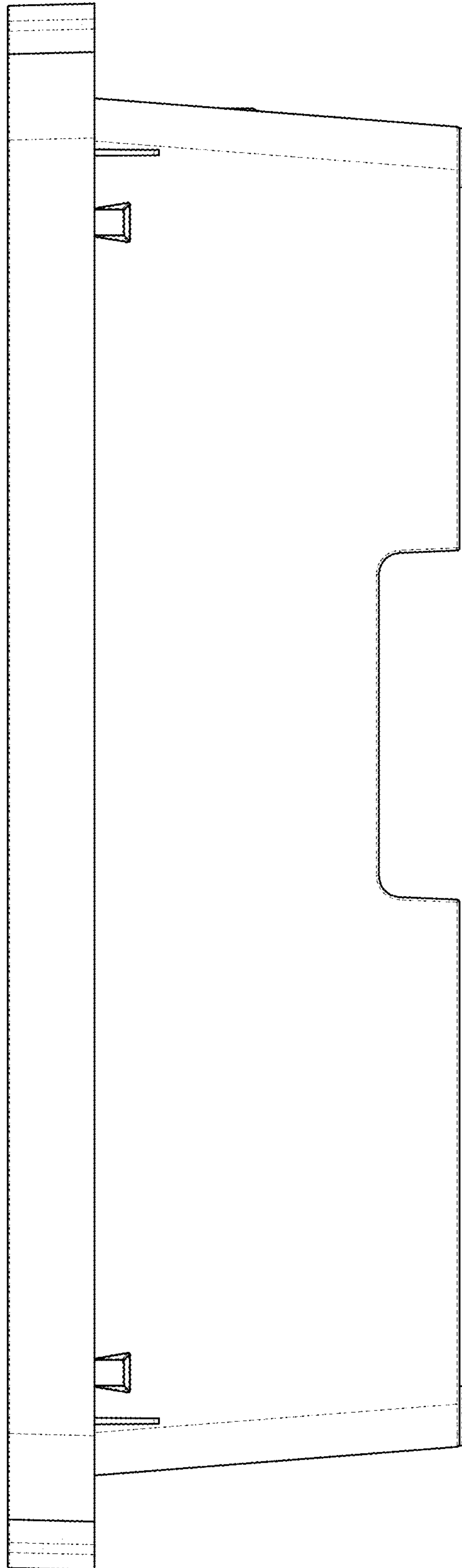


FIG. 12



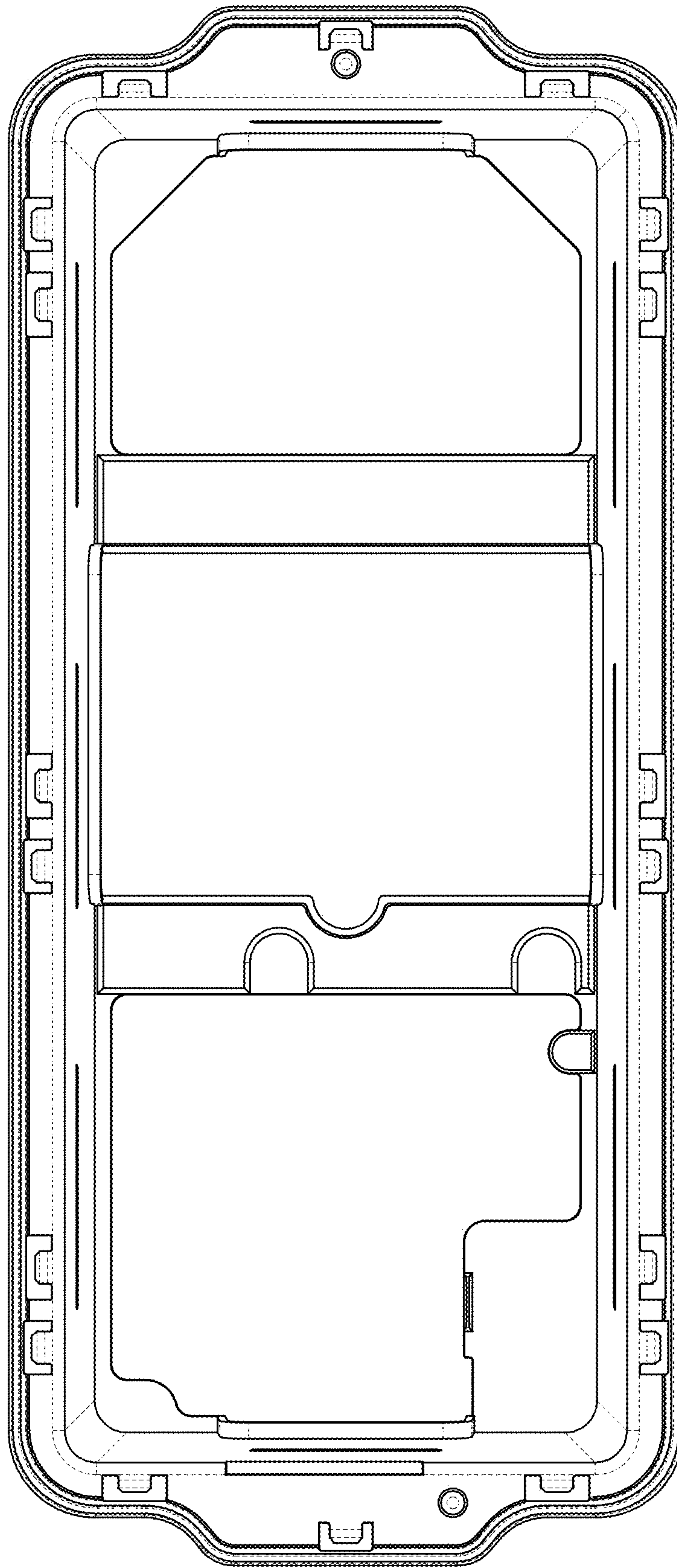


FIG. 13

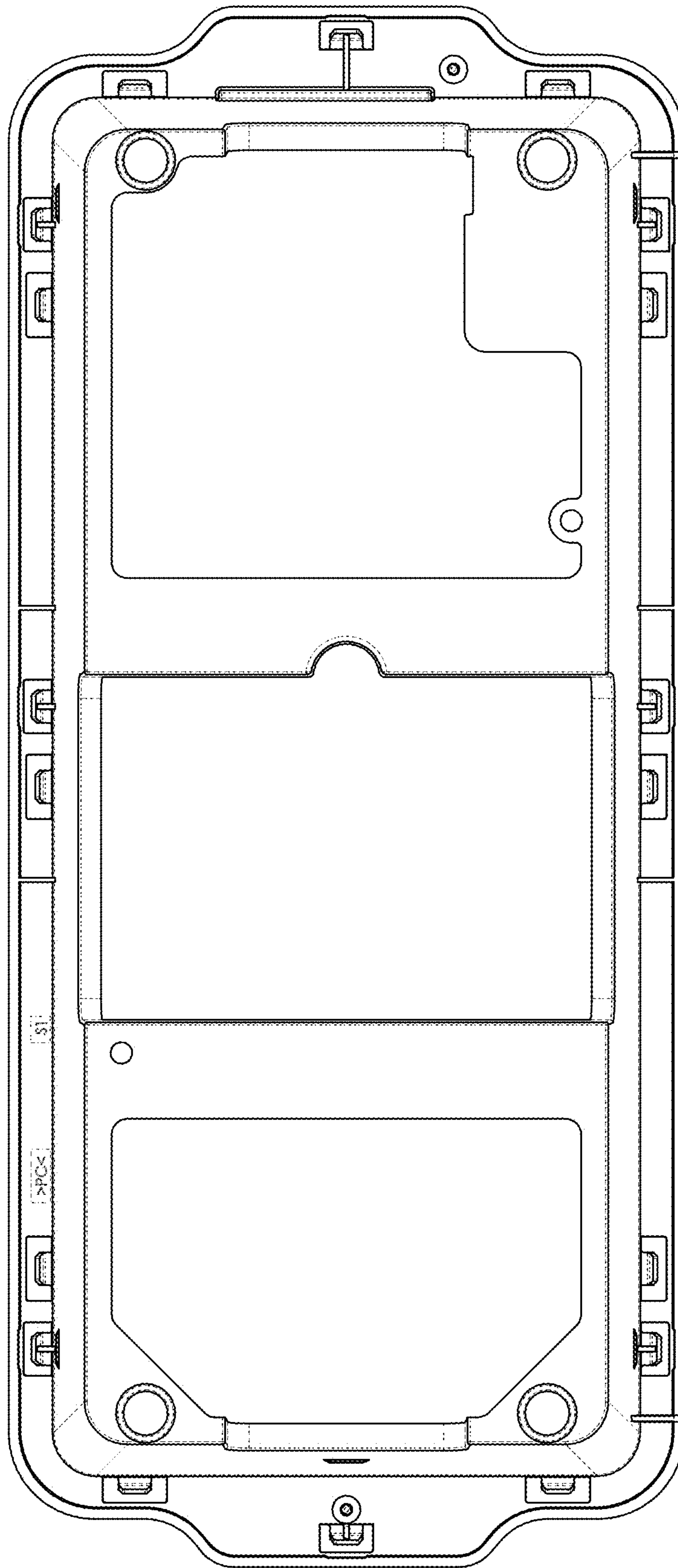


FIG. 14



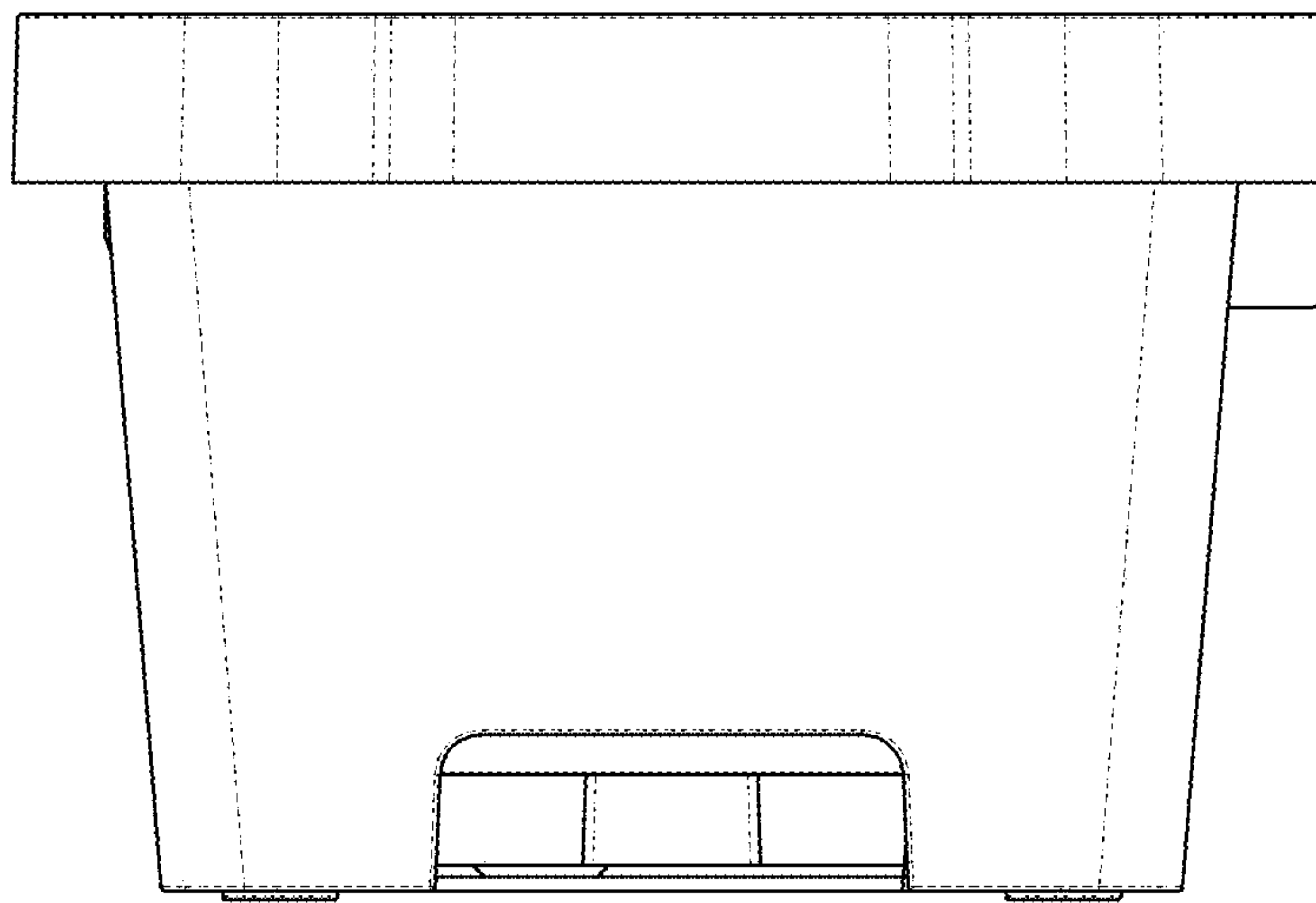


FIG. 15

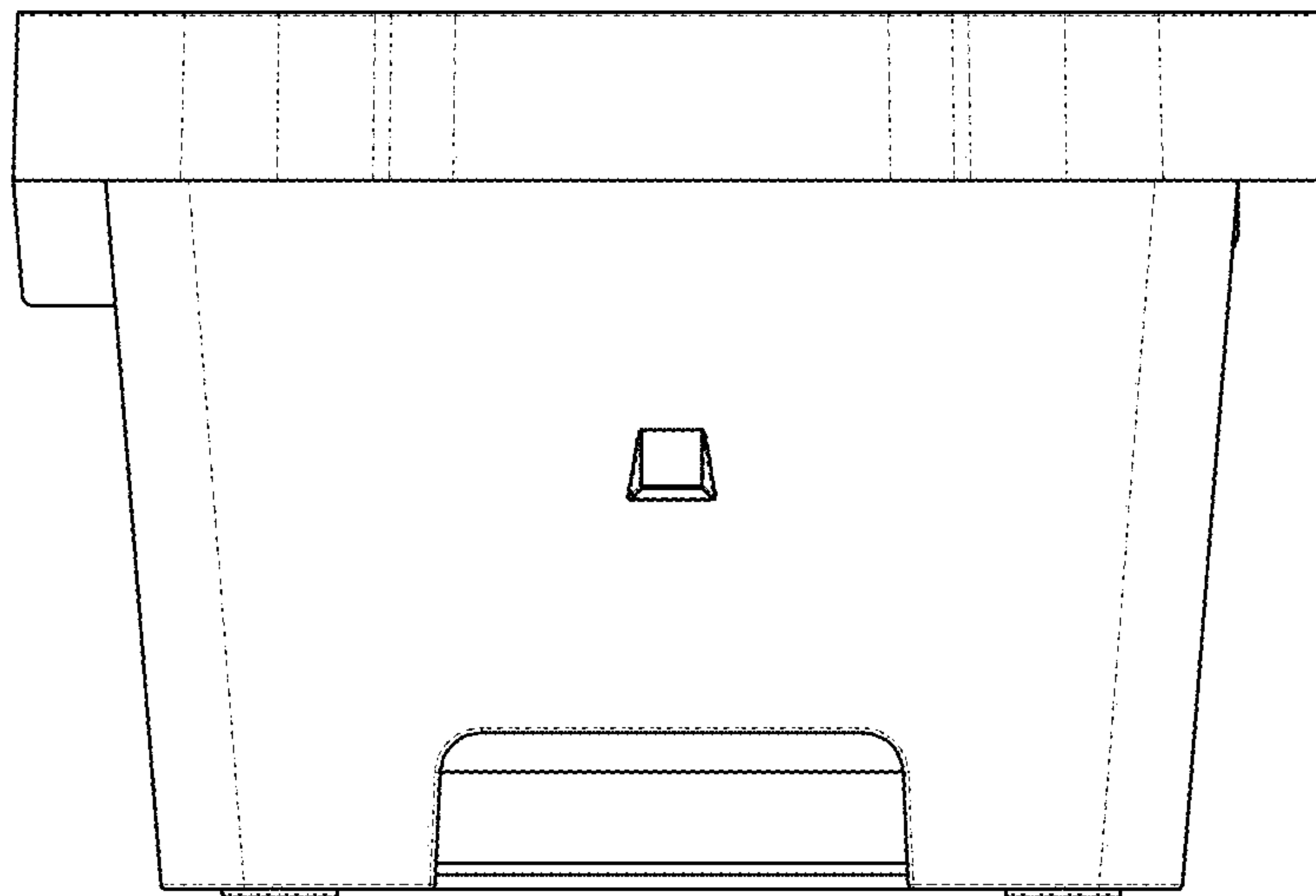


FIG. 16

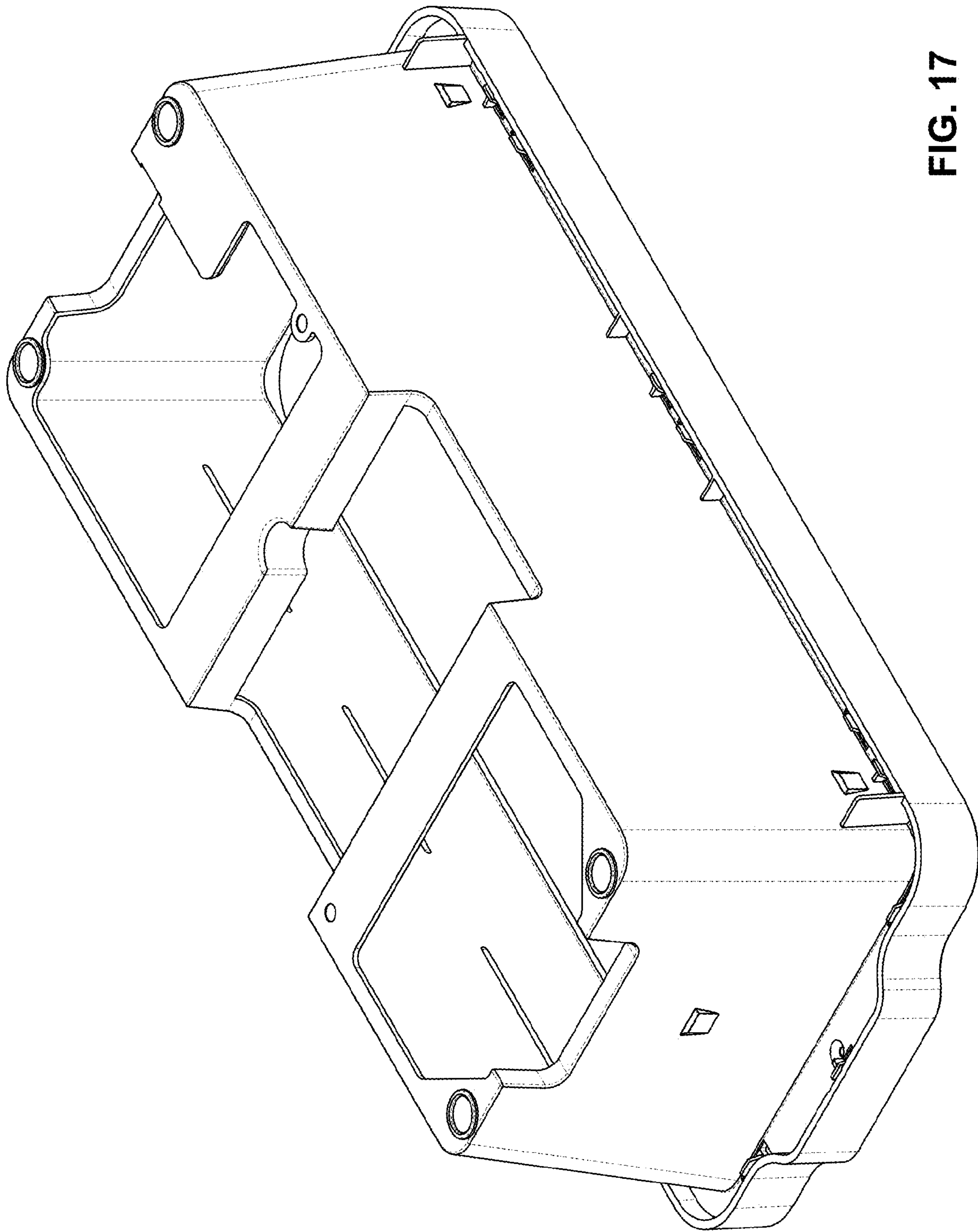


FIG. 17



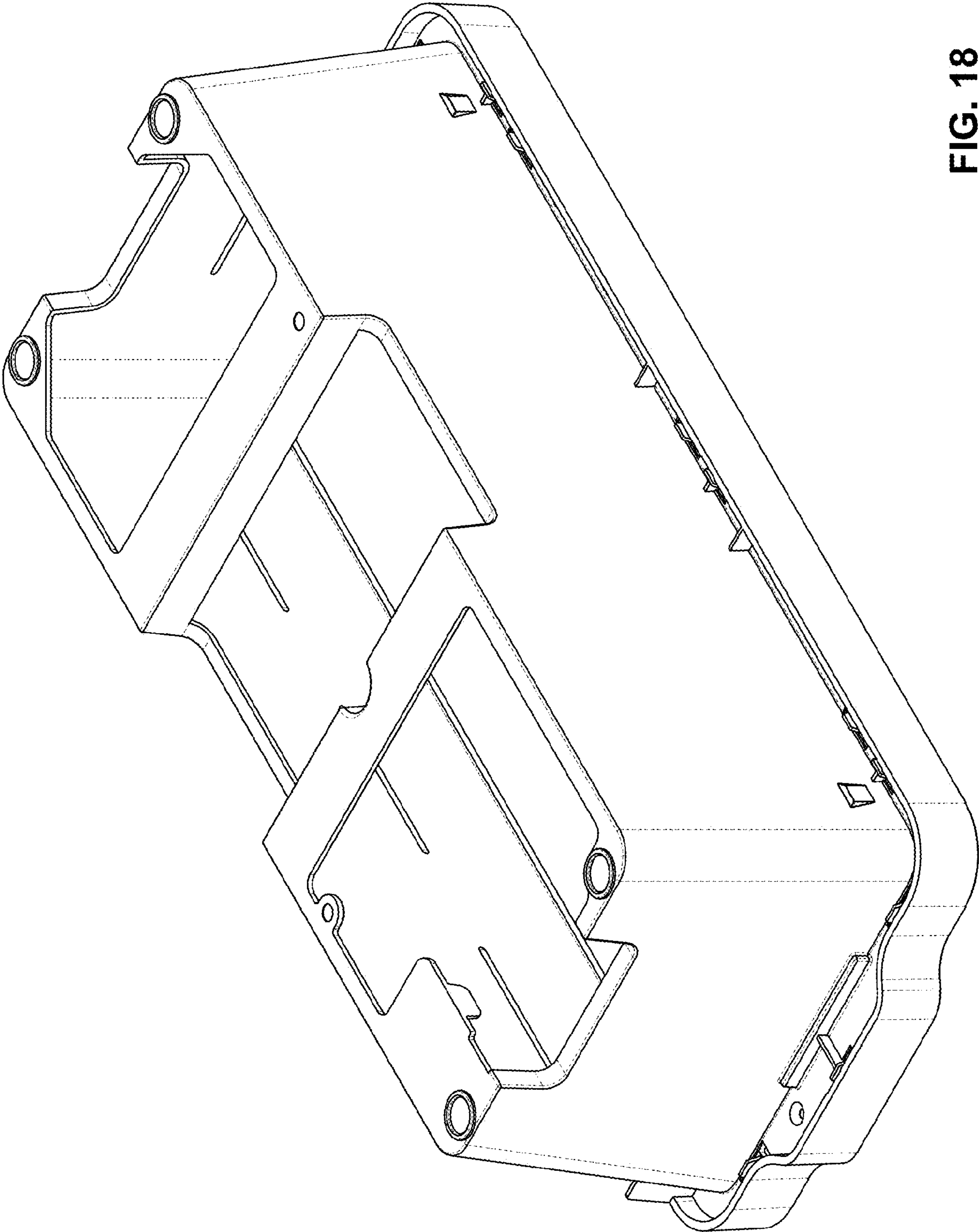


FIG. 18