



US00D853913S

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

(10) **Patent No.:** **US D853,913 S**
(45) **Date of Patent:** **** Jul. 16, 2019**

(54) **CONTROLLER OF MOTOR FOR POWER STEERING**

DESCRIPTION

- (71) Applicant: **NSK LTD.**, Tokyo (JP)
- (72) Inventors: **Takashi Sunaga**, Tokyo (JP);
Masakazu Morimoto, Tokyo (JP)
- (73) Assignee: **NSK LTD.**, Tokyo (JP)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/628,617**
- (22) Filed: **Dec. 6, 2017**
- (30) **Foreign Application Priority Data**
Jun. 9, 2017 (JP) 2017-012381
- (51) **LOC (11) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/177**
- (58) **Field of Classification Search**
USPC D12/180, 174, 177; D15/5, 7, 28, 149,
D15/148; D23/233
CPC B62D 3/14; B60T 8/1831; B60T 11/32;
B60T 8/176; B60T 2270/10; B60T
2270/12; B60T 8/1766; B60T 8/1769
See application file for complete search history.

FIG. 1 is a front, top and left-side perspective view of a controller of motor for power steering showing a first embodiment of our new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a right-side elevational view thereof;
 FIG. 5 is a left-side elevational view thereof
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof; and
 FIG. 8 is a cross-sectional view taken along a line 8-8 in FIG. 6.
 FIG. 9 is a front, top and left-side perspective view of a controller of motor for power steering showing a second embodiment of our new design;
 FIG. 10 is a front elevational view thereof;
 FIG. 11 is a rear elevational view thereof;
 FIG. 12 is a right-side elevational view thereof;
 FIG. 13 is a left-side elevational view thereof
 FIG. 14 is a top plan view thereof;
 FIG. 15 is a bottom plan view thereof; and
 FIG. 16 is a cross-sectional view taken along a line 16-16 in FIG. 14.
 FIG. 17 is a front, top and left-side perspective view of a controller of motor for power steering showing a third embodiment of our new design;
 FIG. 18 is a front elevational view thereof;
 FIG. 19 is a rear elevational view thereof;
 FIG. 20 is a right-side elevational view thereof;
 FIG. 21 is a left-side elevational view thereof
 FIG. 22 is a top plan view thereof;
 FIG. 23 is a bottom plan view thereof; and,
 FIG. 24 is a cross-sectional view taken along a line 24-24 in FIG. 22.

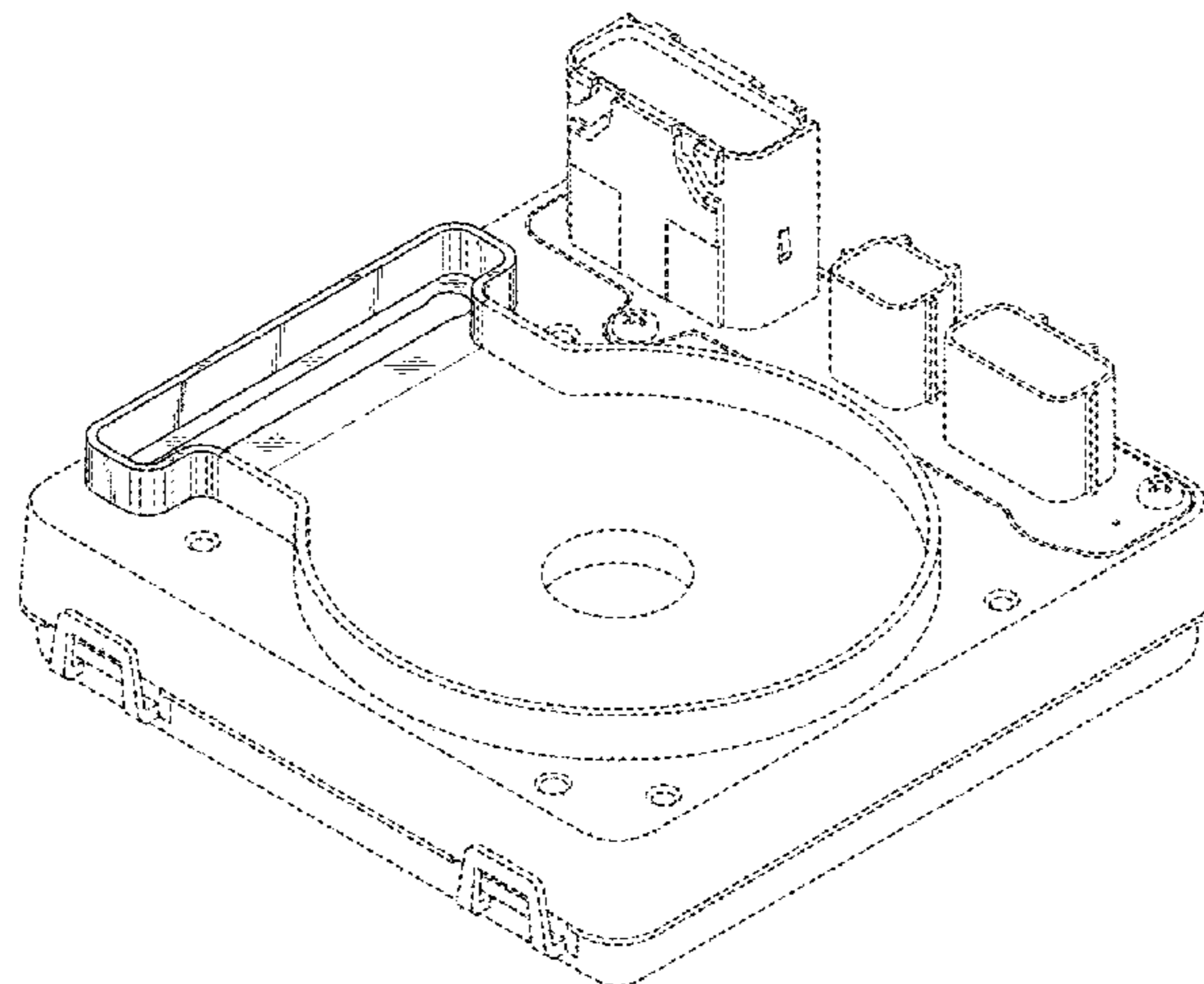
The broken lines in the drawings illustrate portions of the controller of motor for power steering that do not form part of the claimed design. The dash-dot-dash broken line illustrates a boundary and does not form part of the claimed design.

- (56) **References Cited**
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Primary Examiner — Darlington Ly
(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

(57) **CLAIM**
The ornamental design for a controller of motor for power steering, as shown and described.

1 Claim, 18 Drawing Sheets



(56)

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FIG. 1

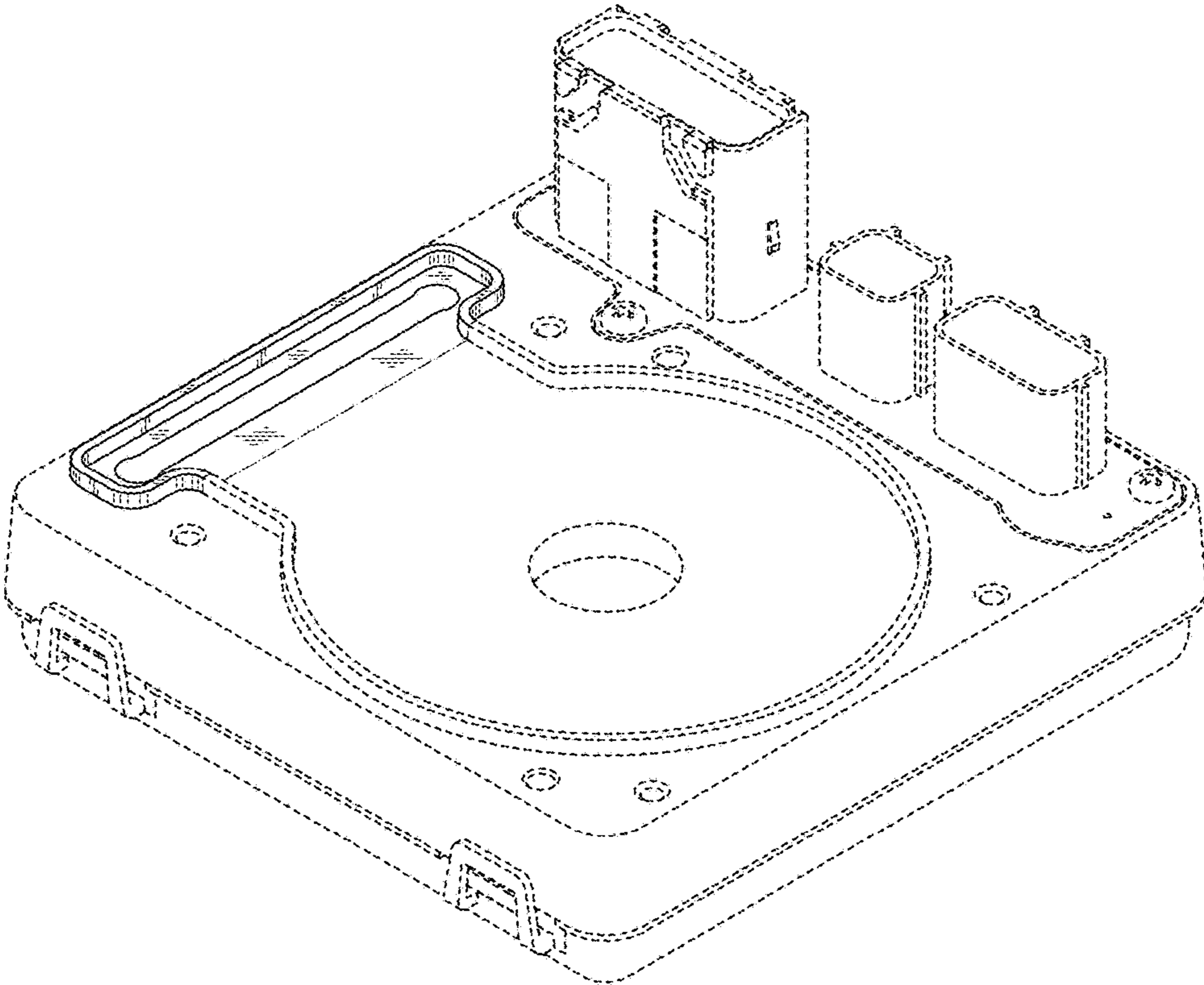


FIG. 2

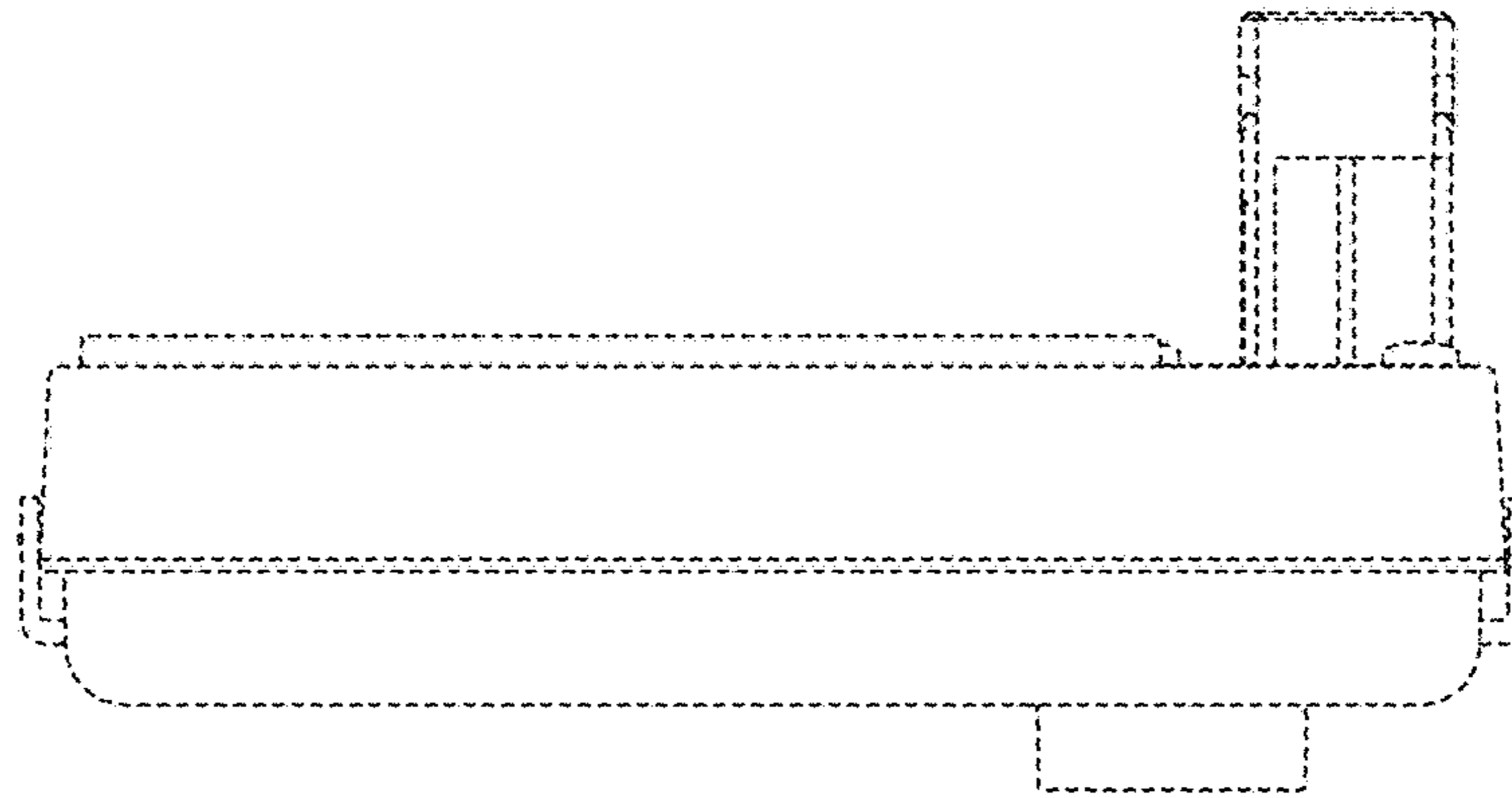


FIG. 3

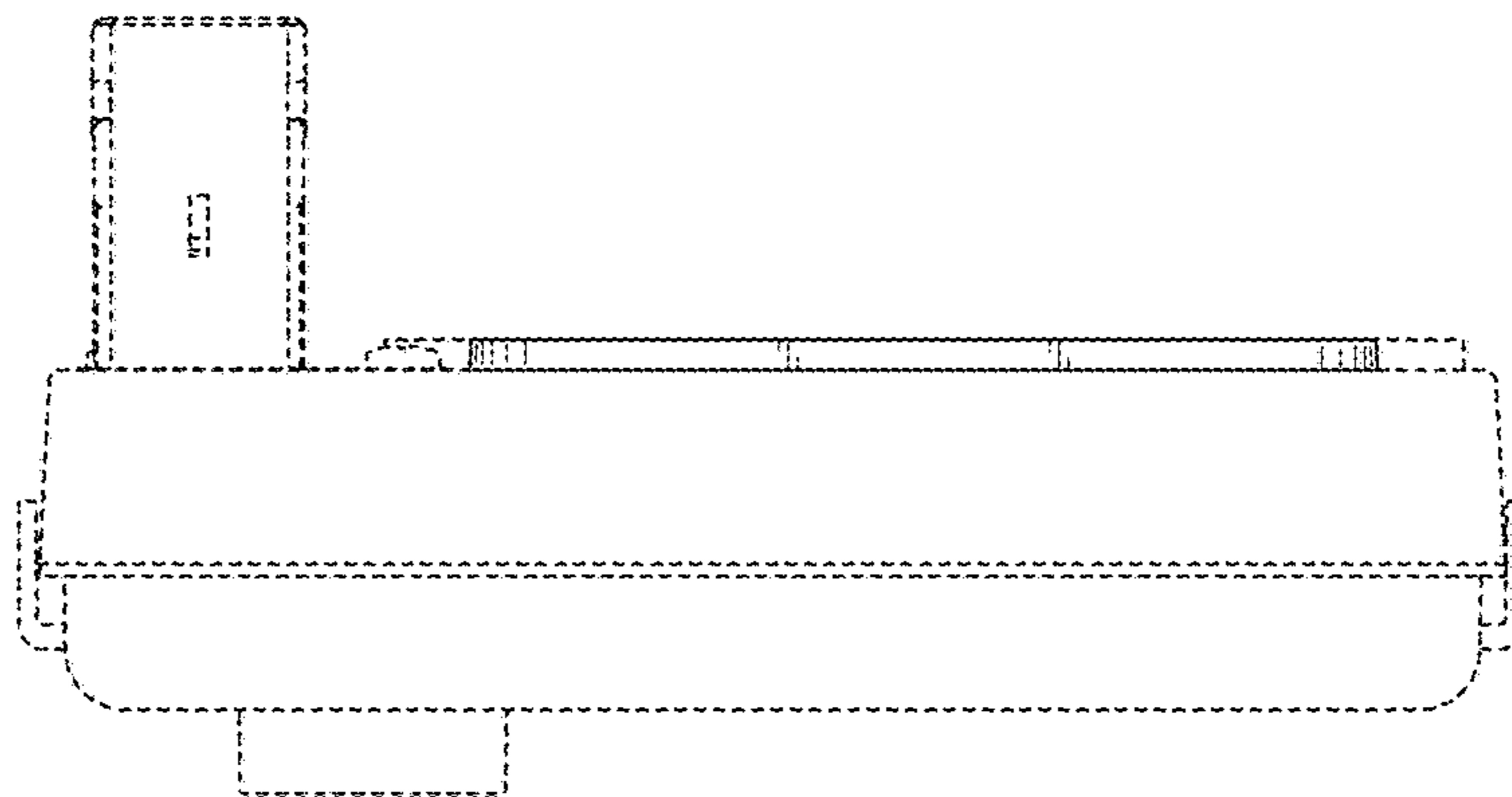


FIG. 4

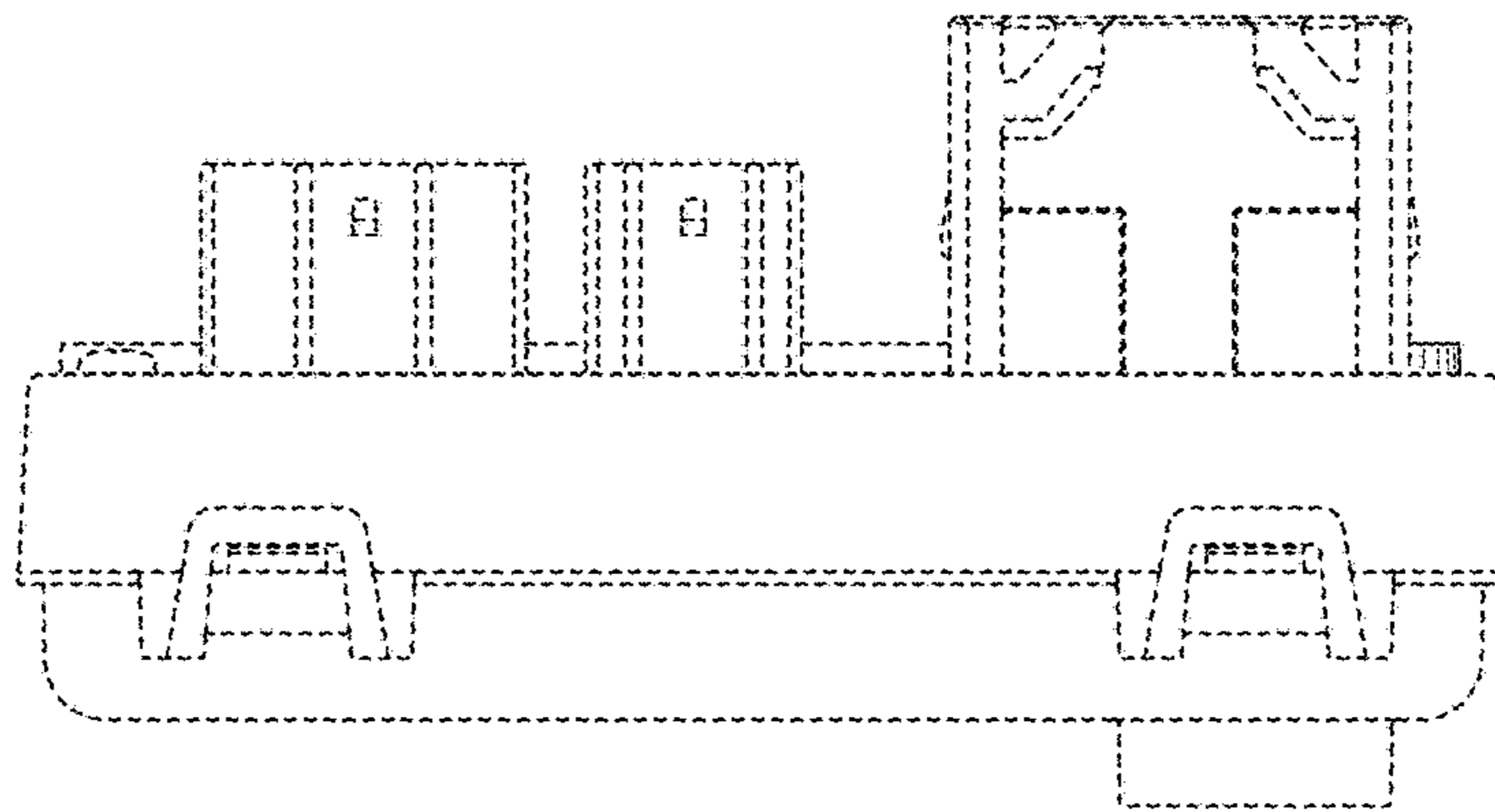


FIG. 5

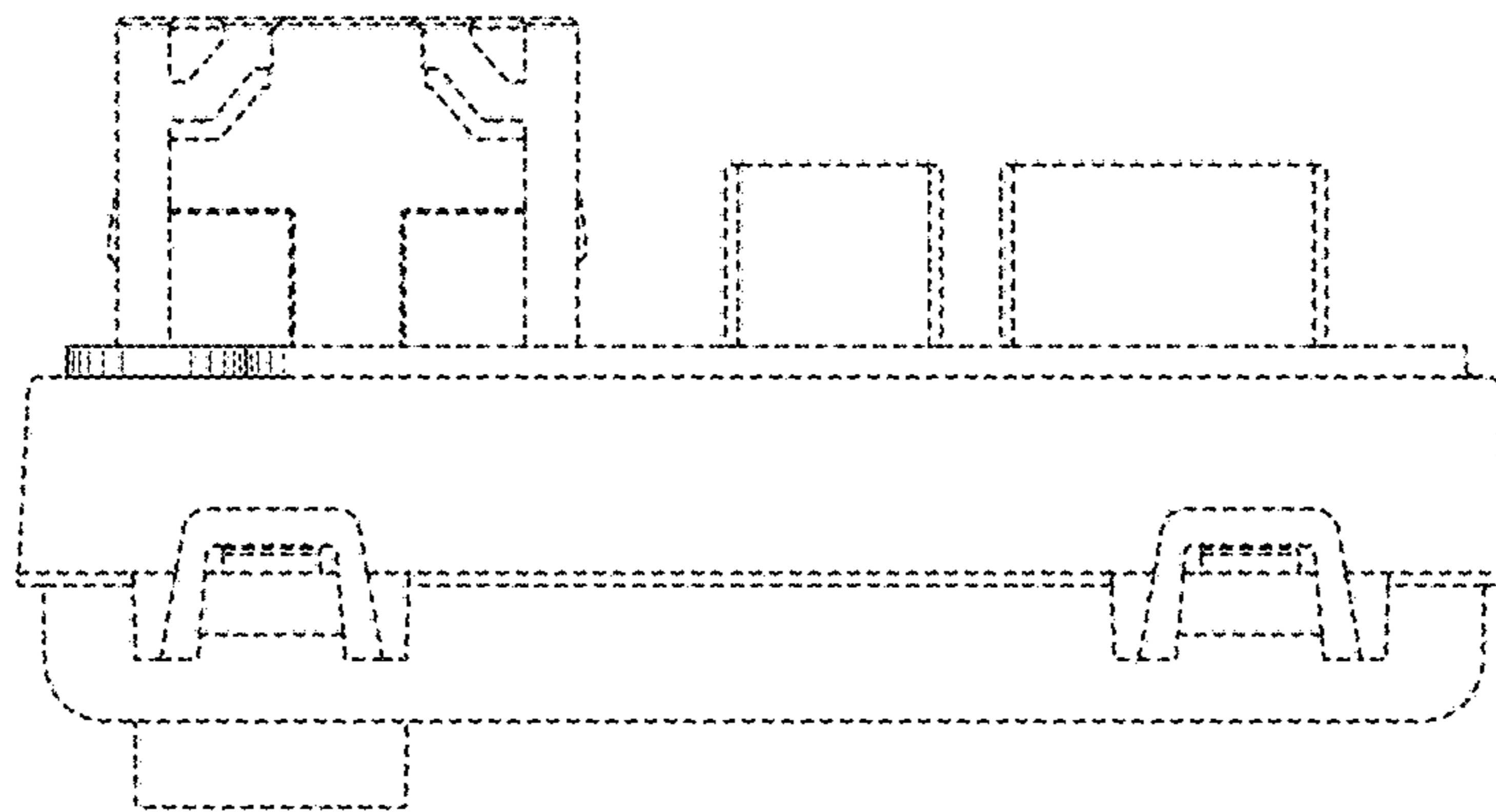


FIG. 6

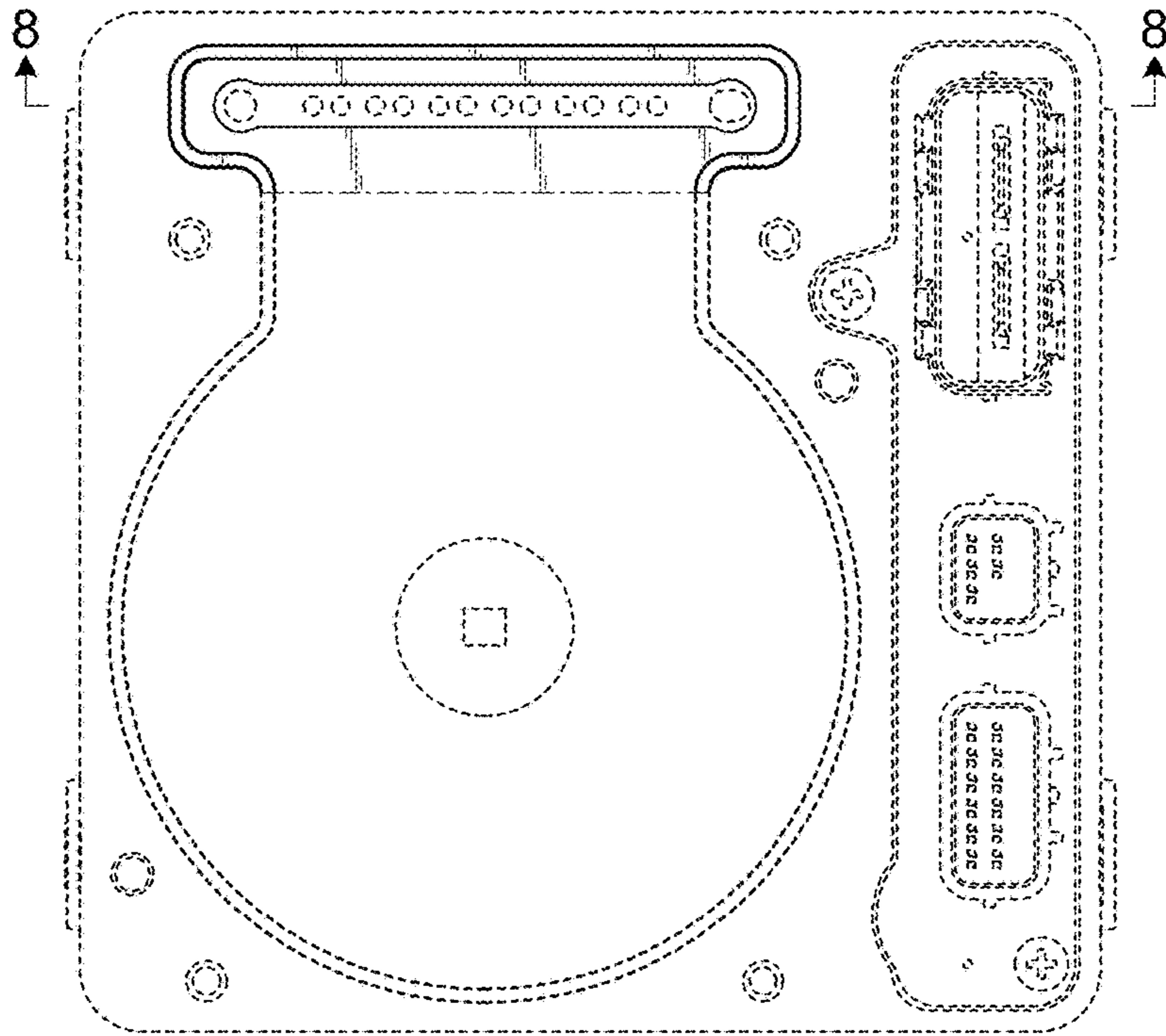


FIG. 7

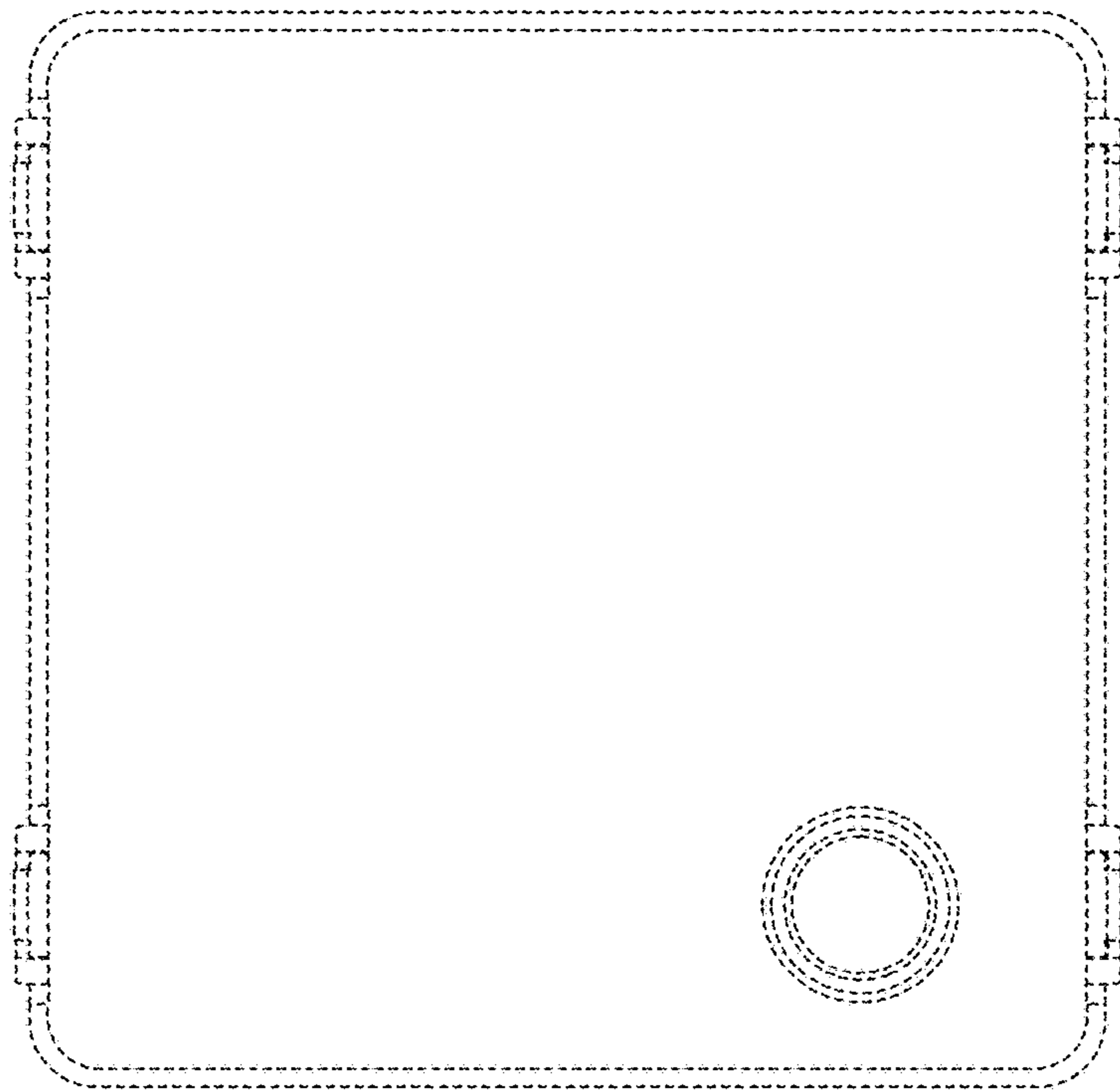


FIG. 8

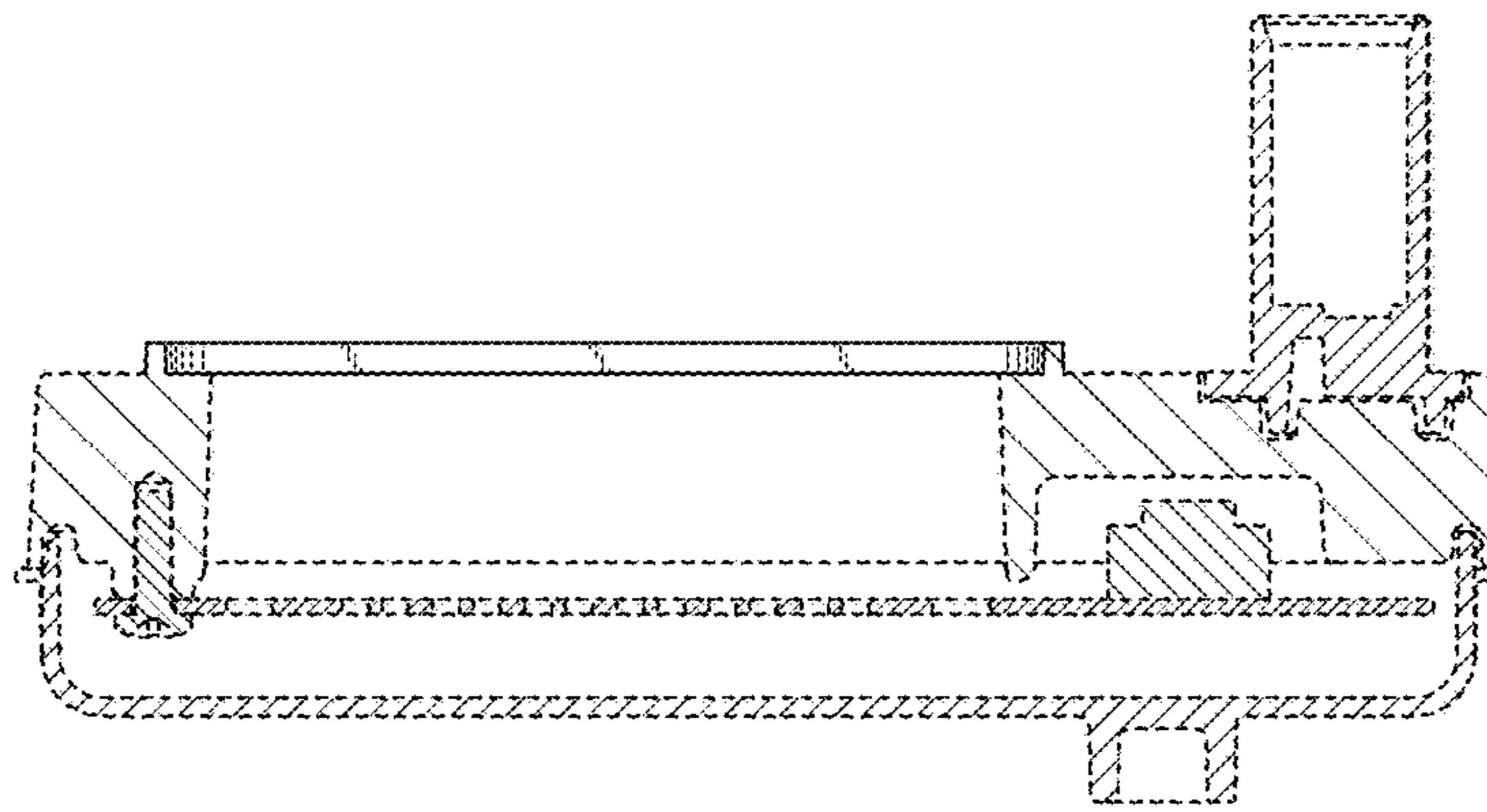


FIG. 9

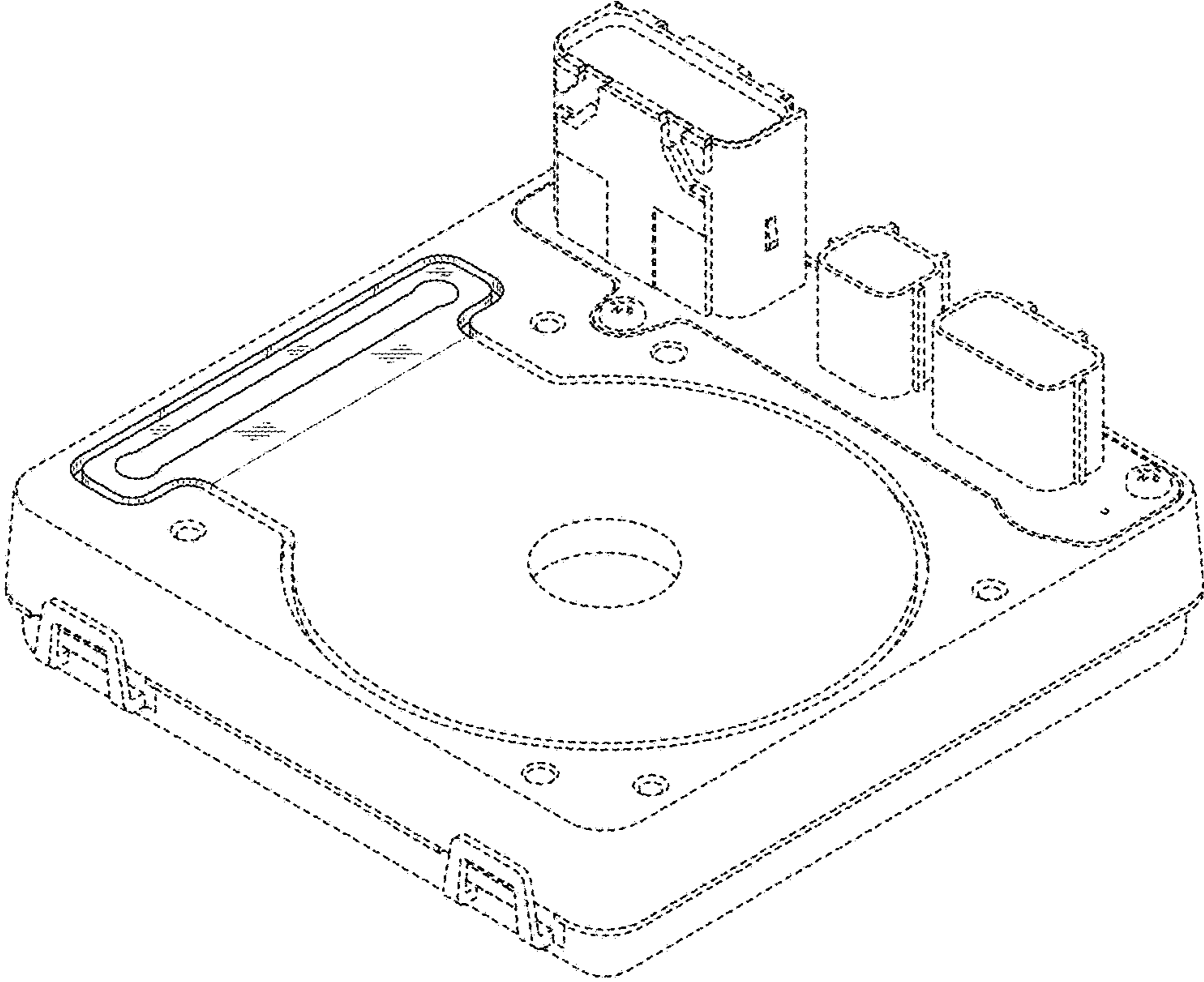


FIG. 10

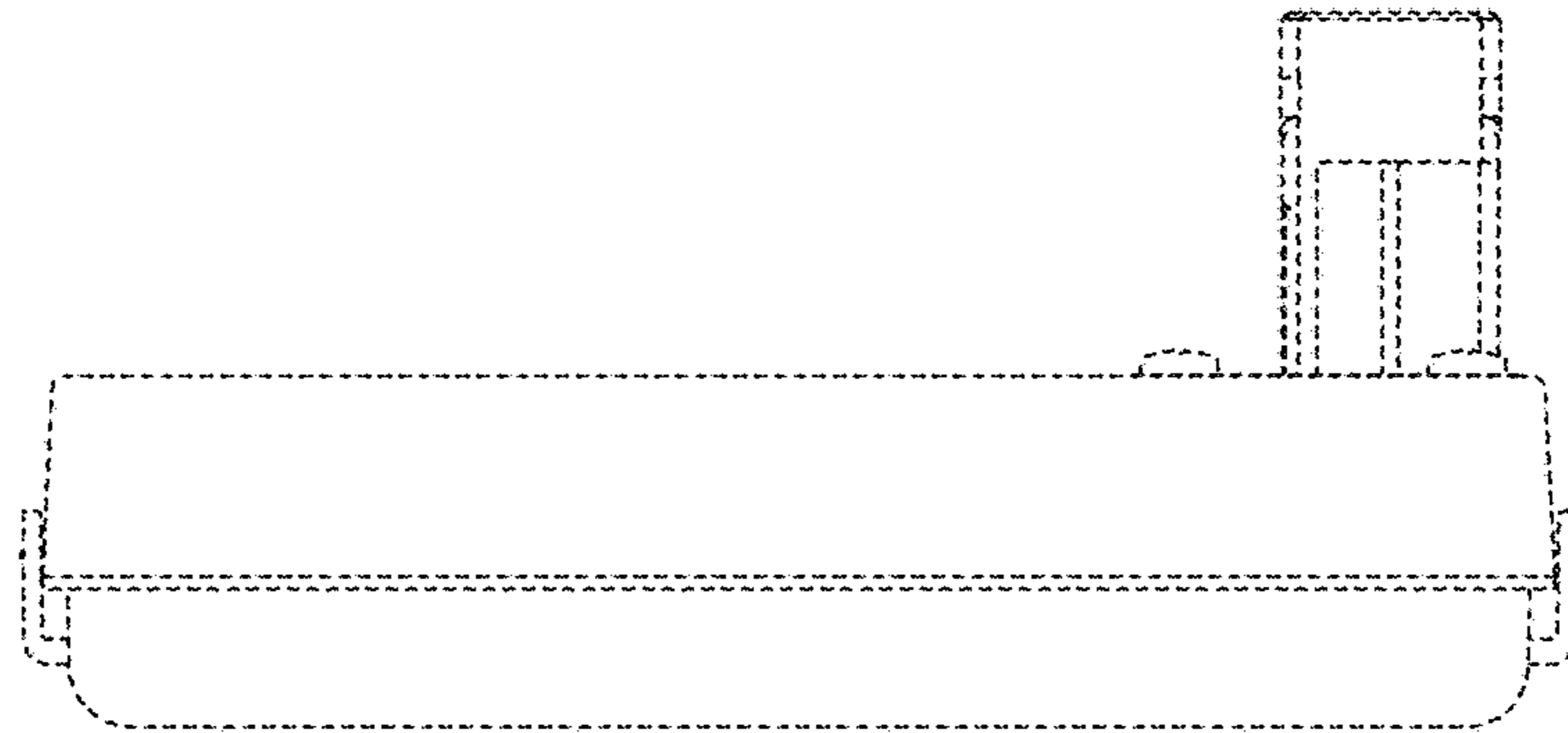


FIG. 11

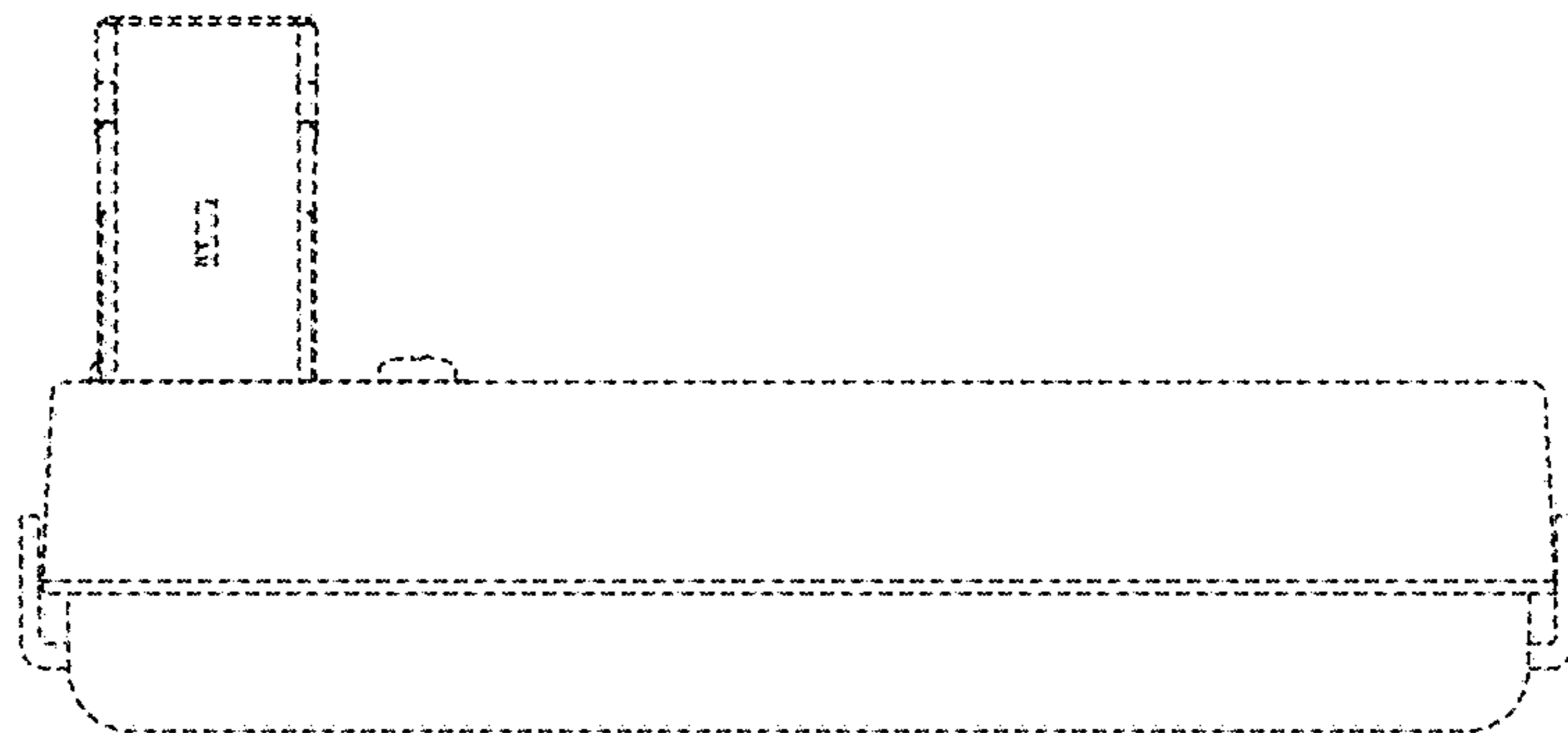


FIG. 12

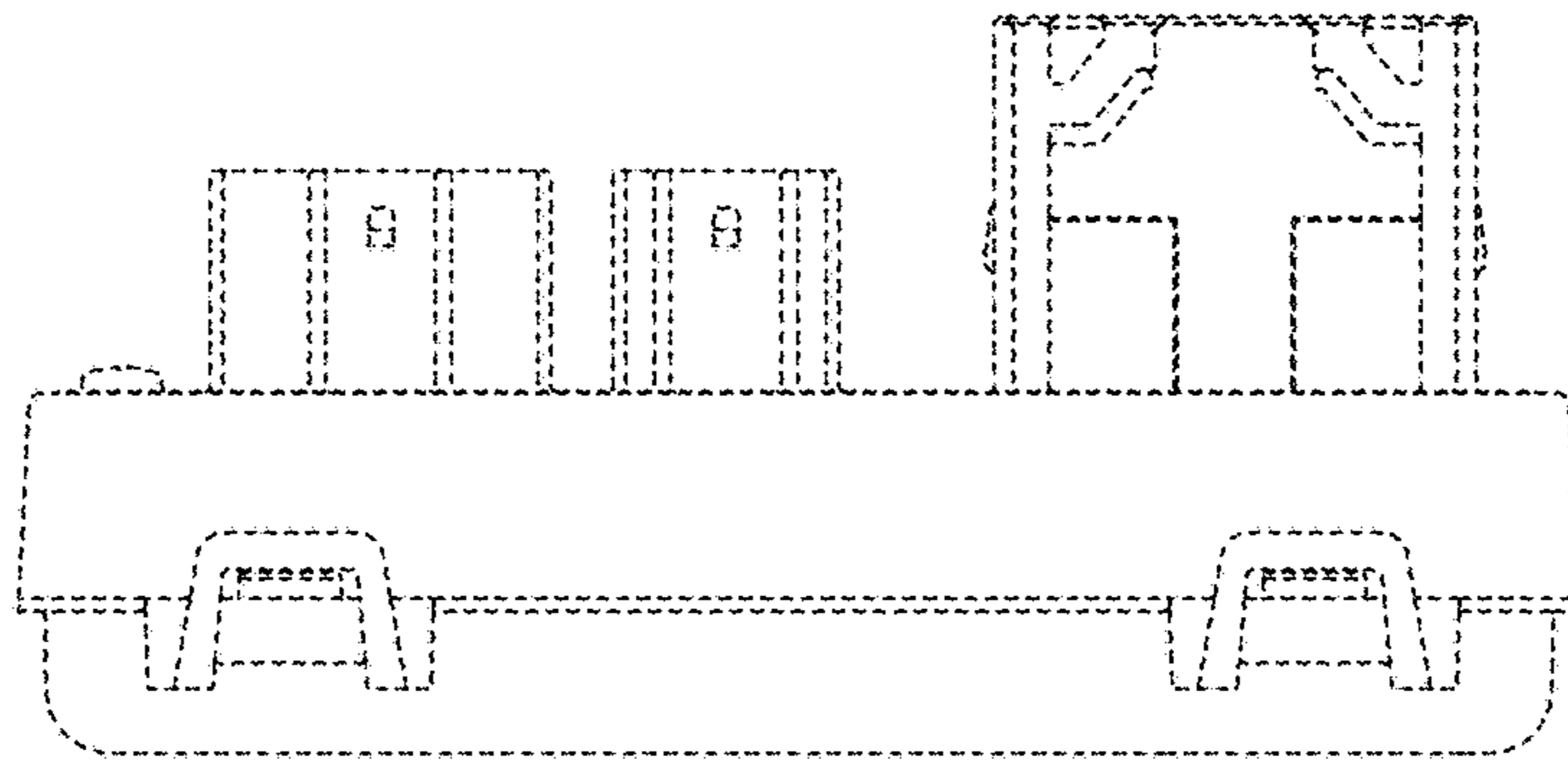


FIG. 13

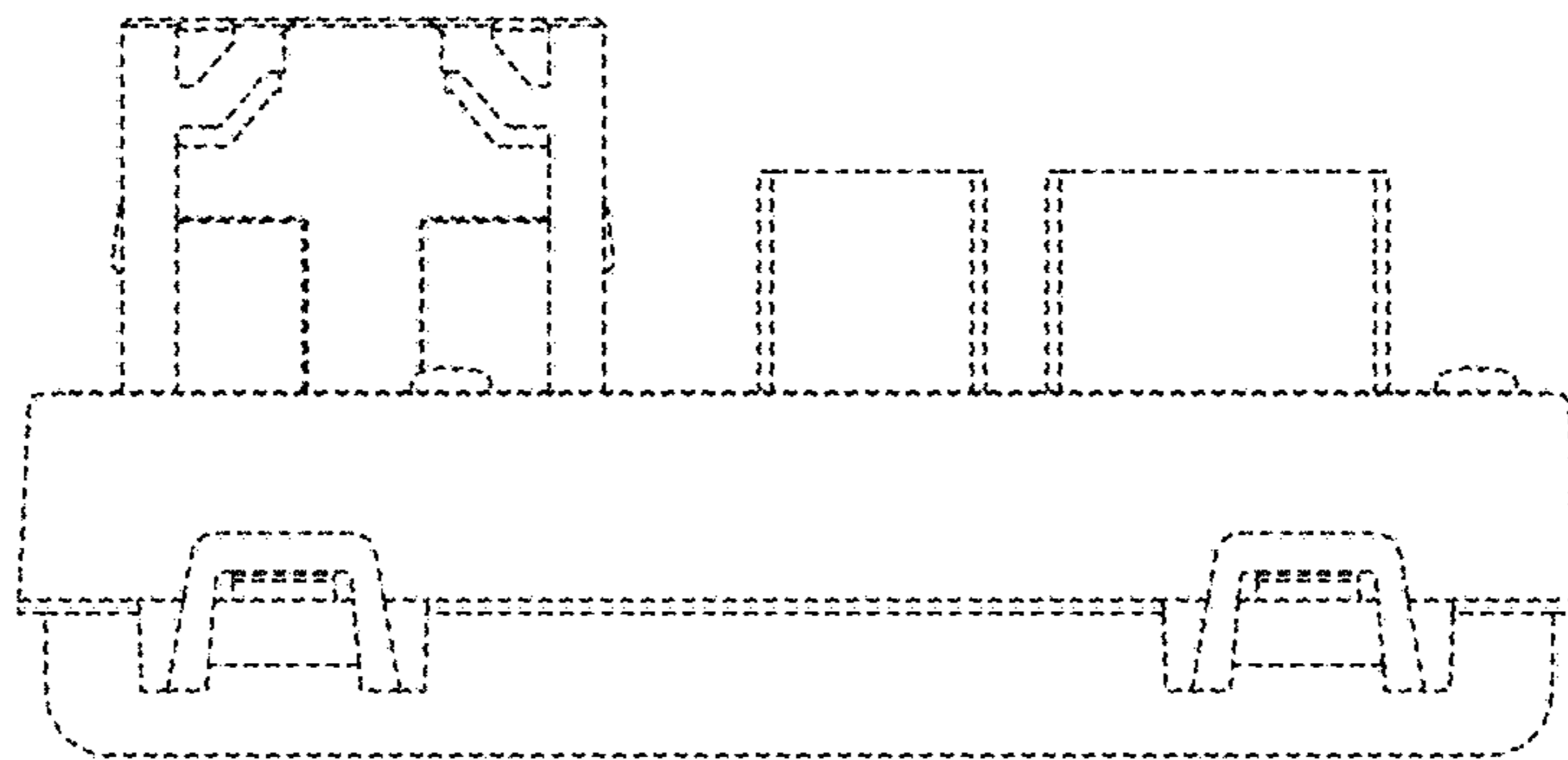


FIG. 14

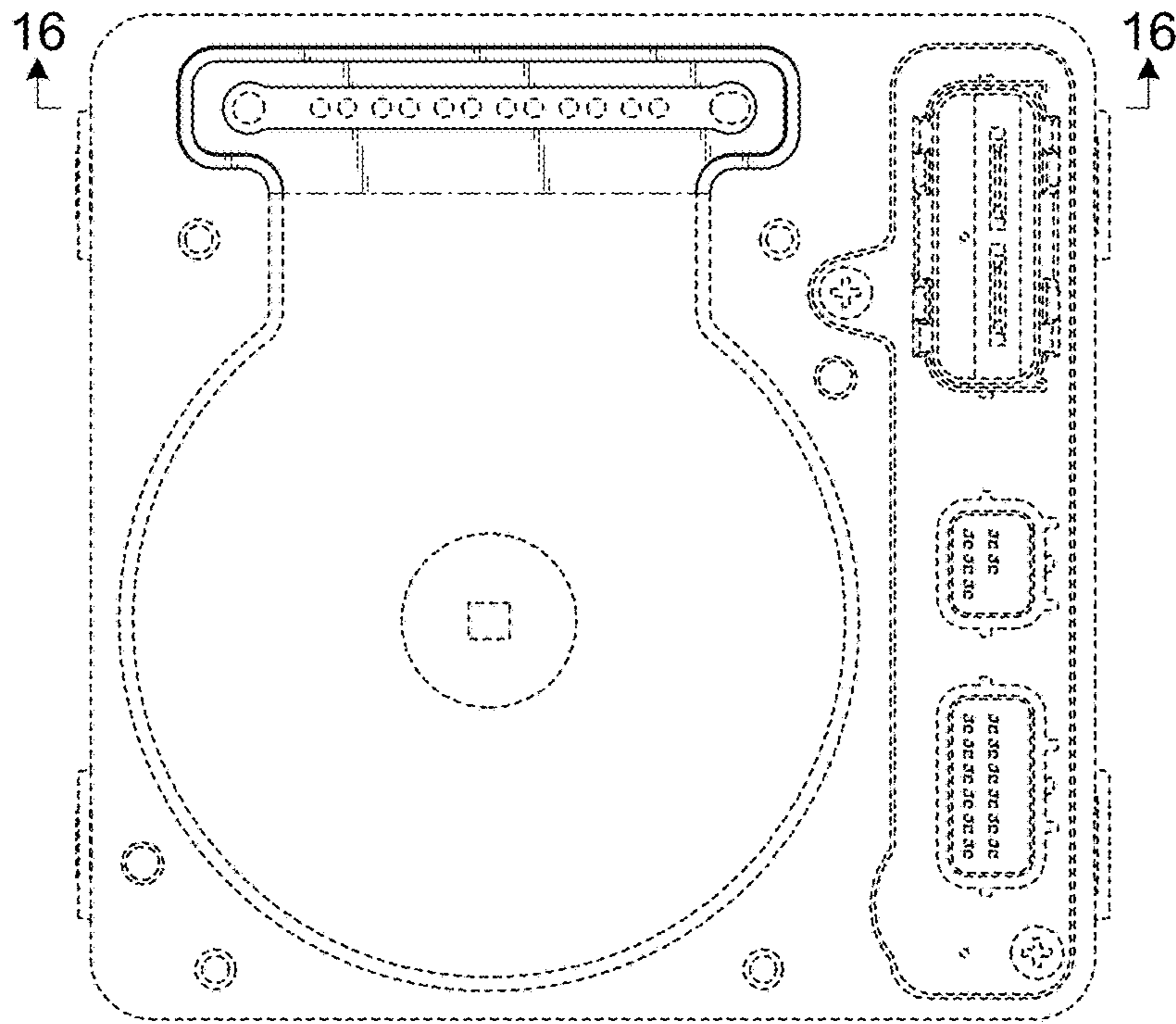


FIG. 15

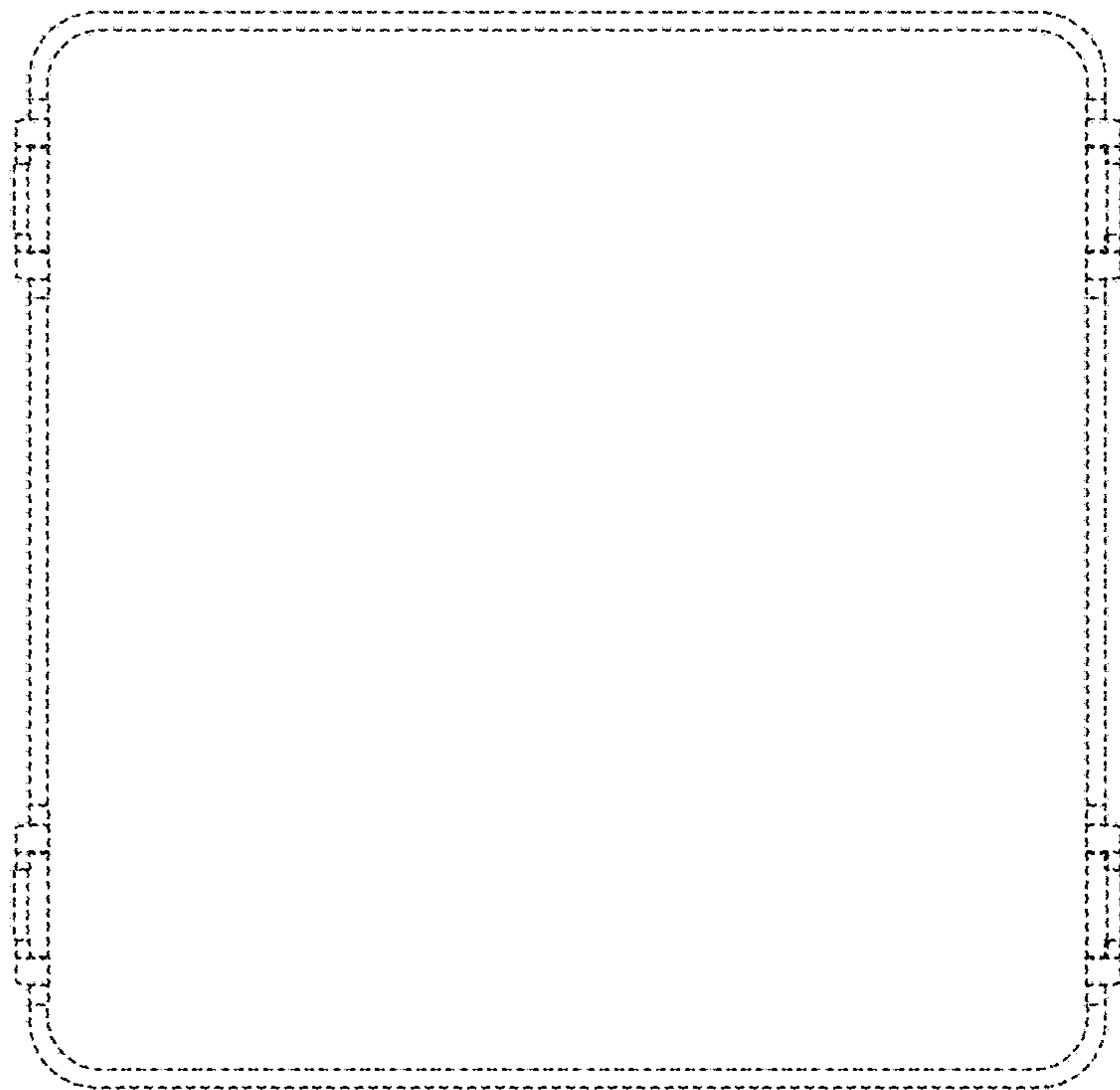


FIG. 16

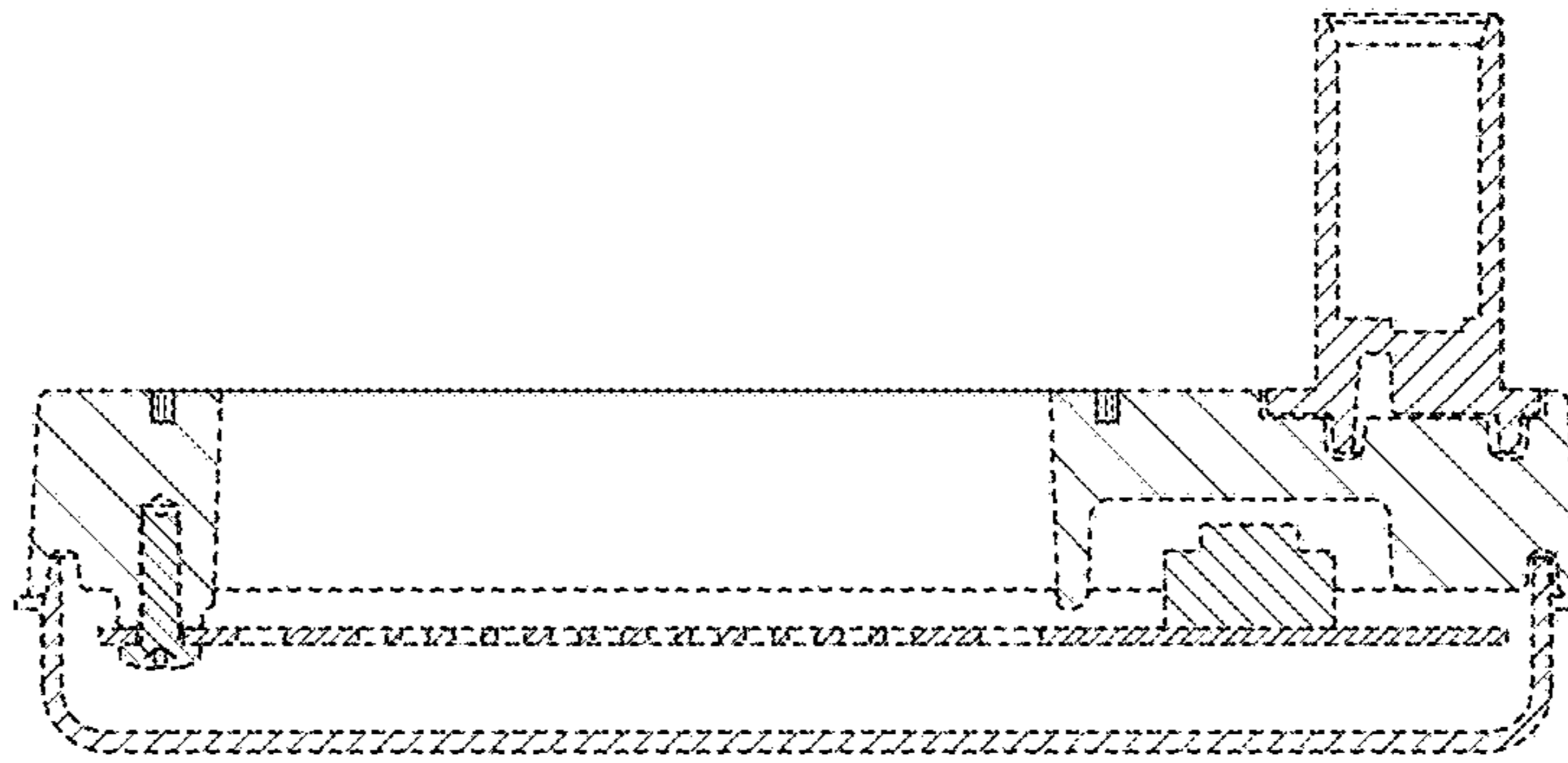


FIG. 17

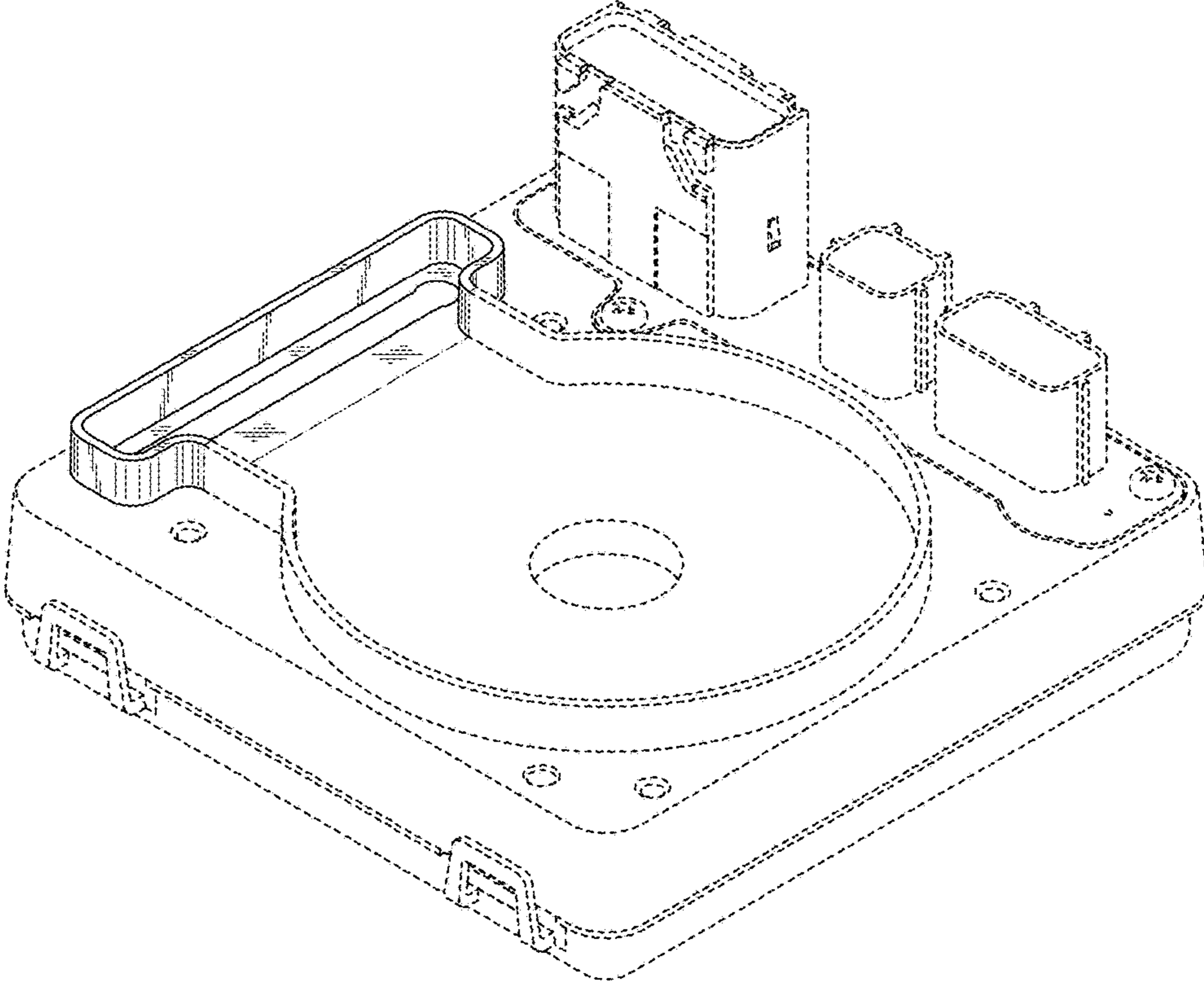


FIG. 18

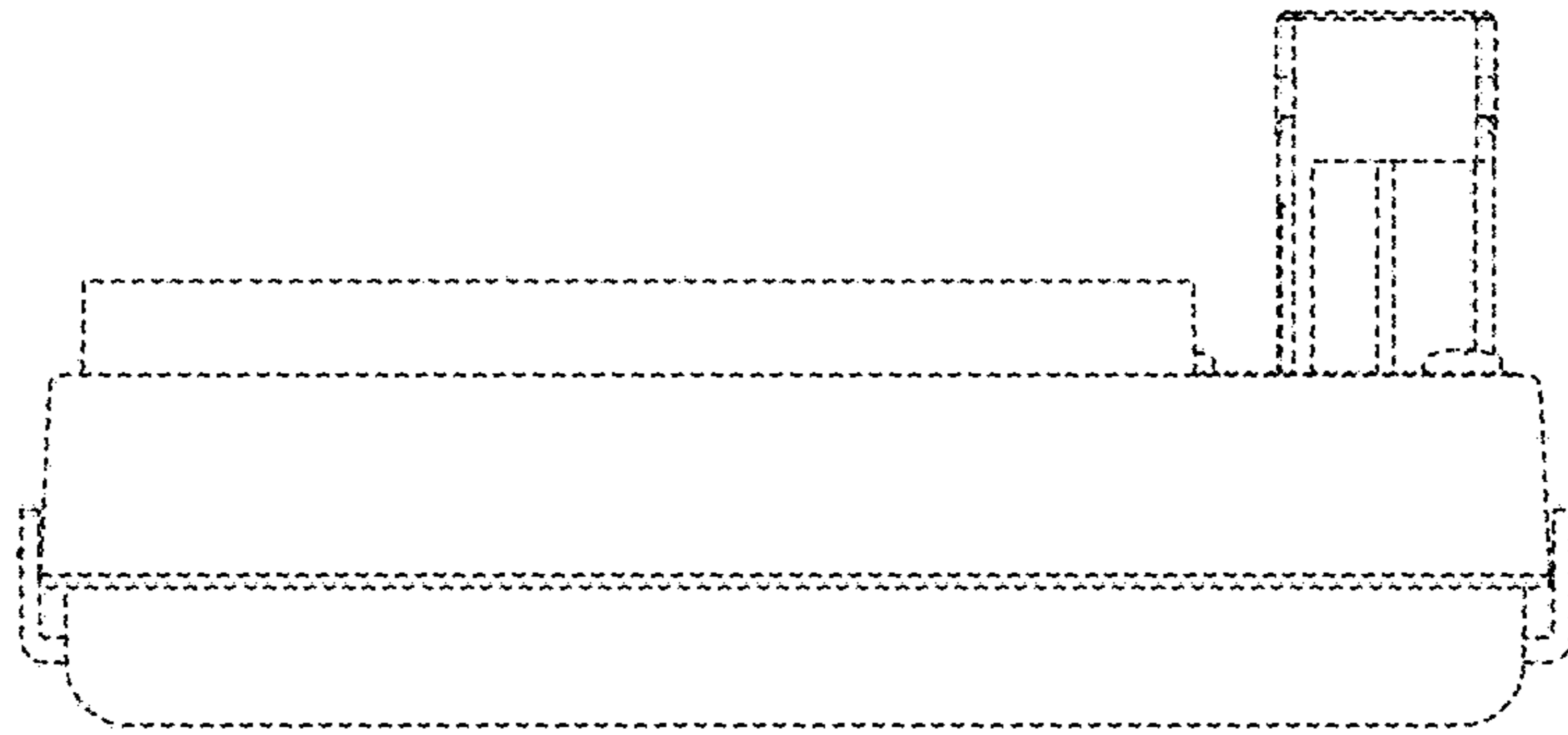


FIG. 19

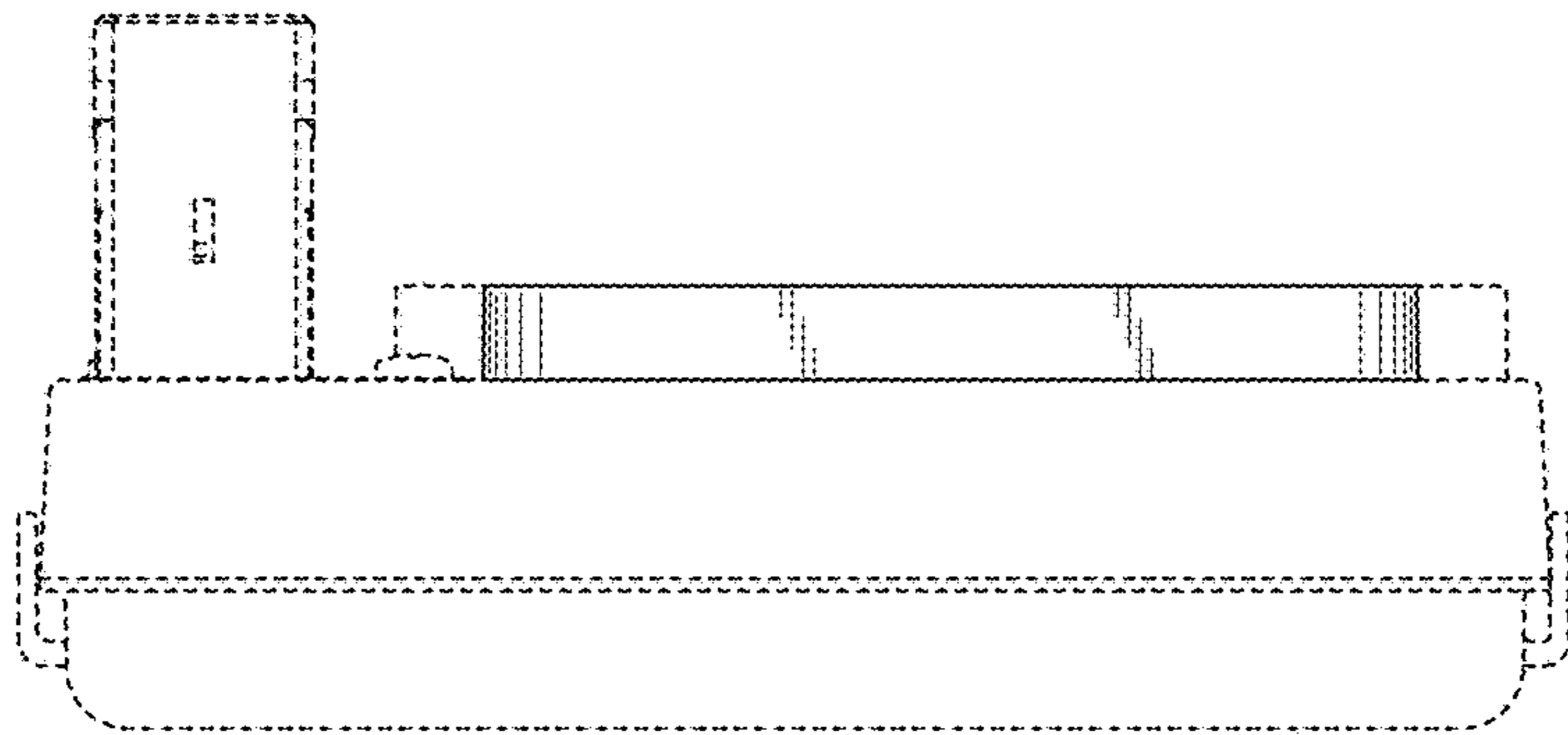


FIG. 20

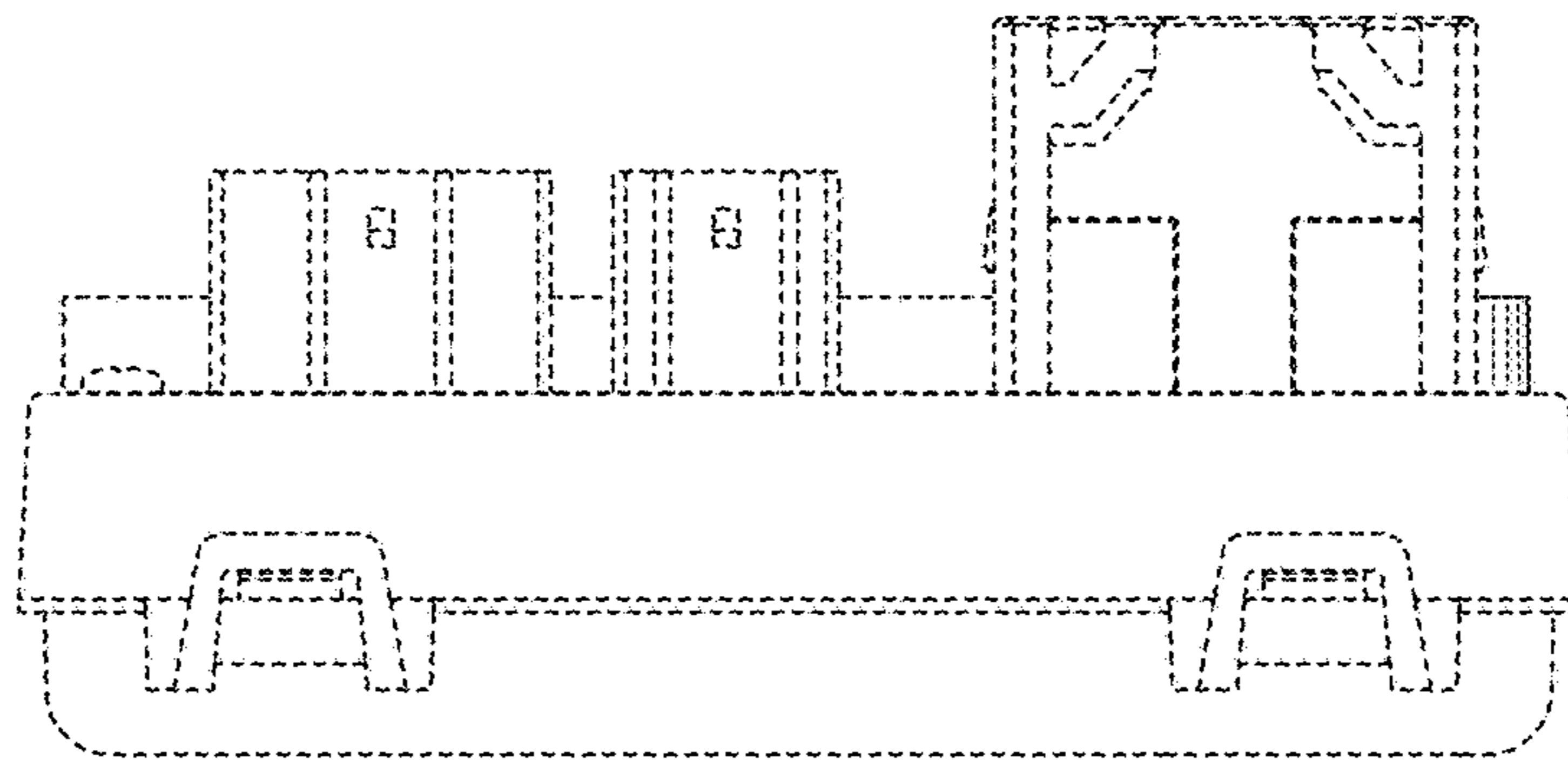


FIG. 21

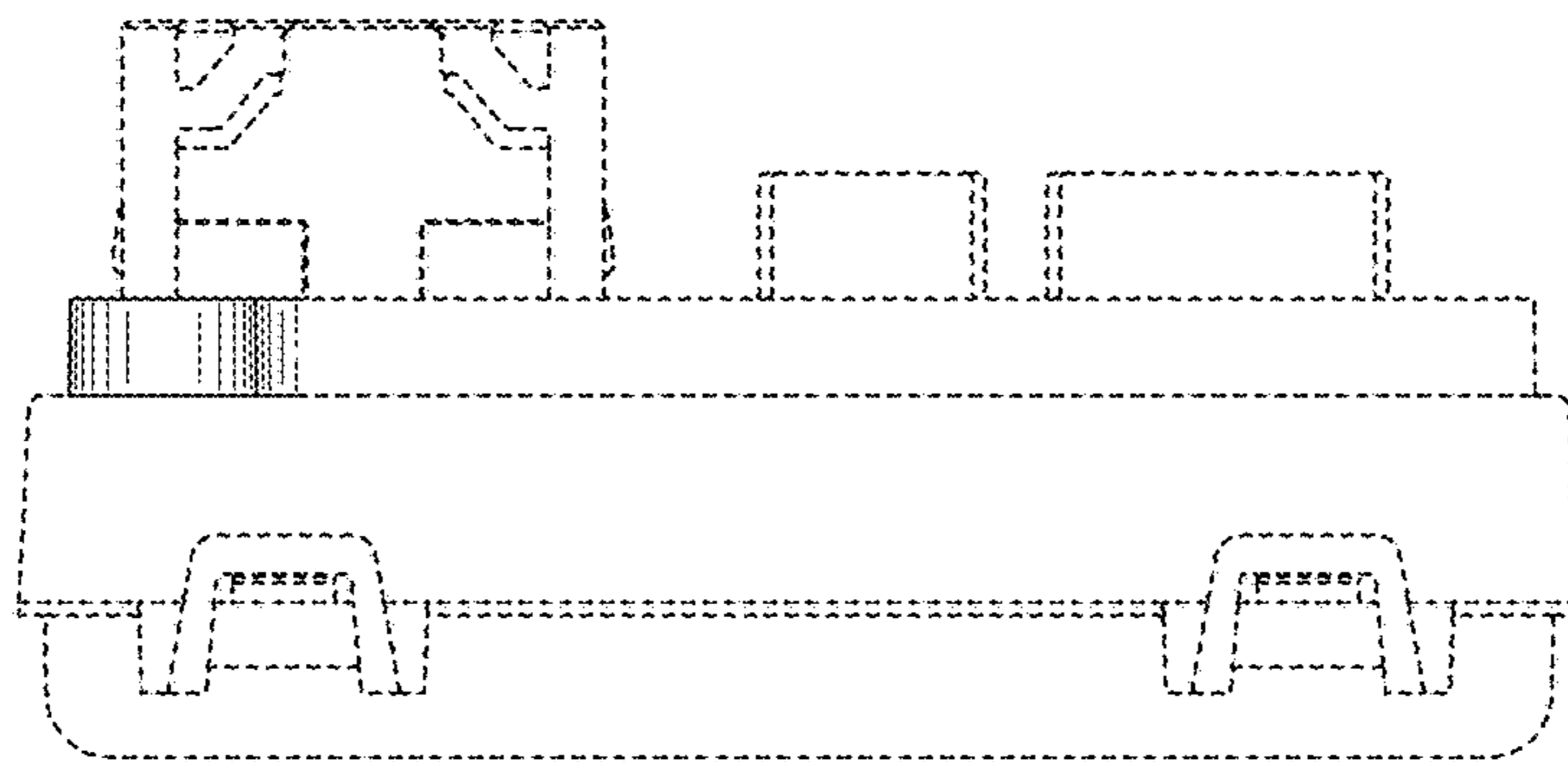


FIG. 22

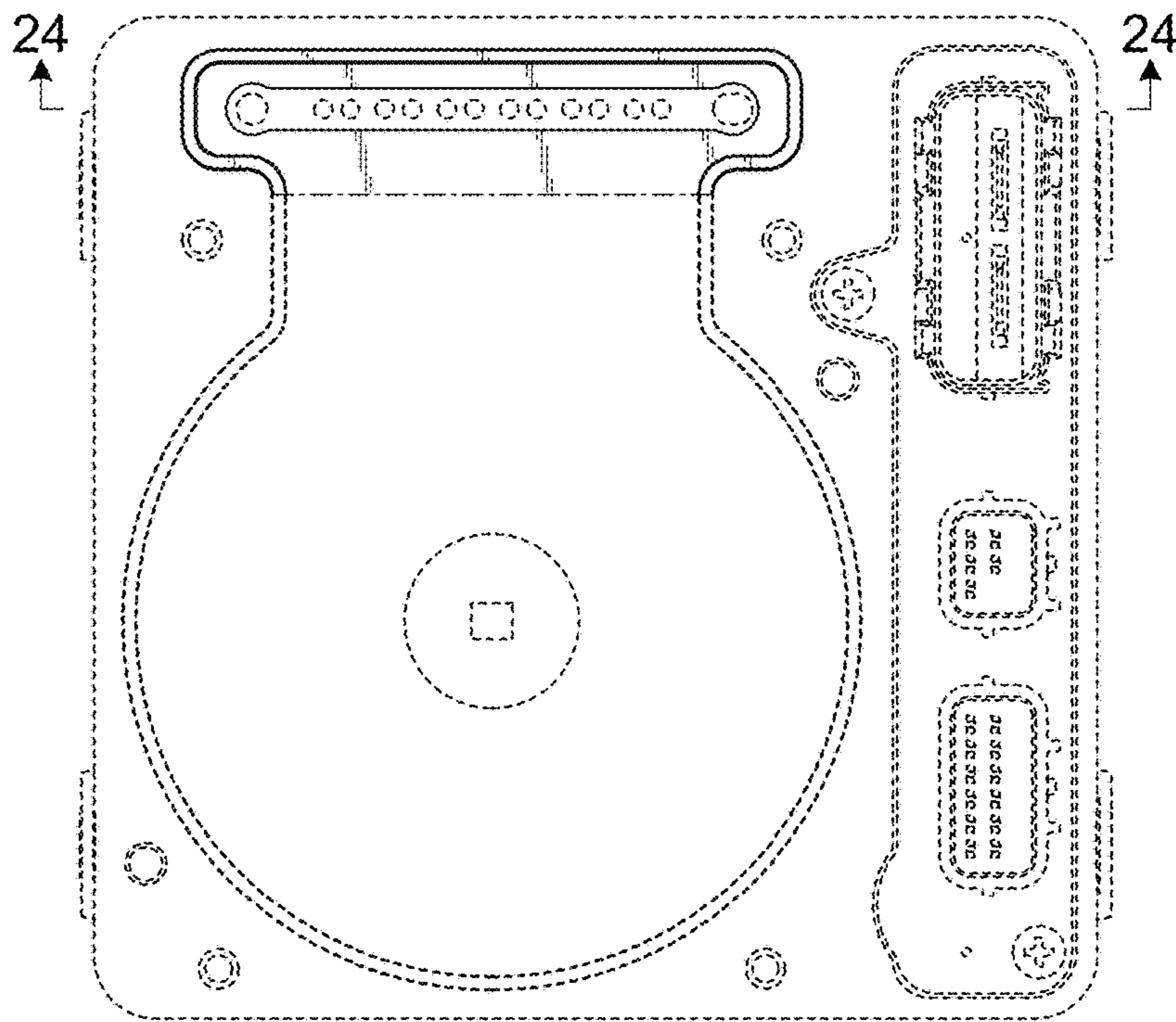


FIG. 23

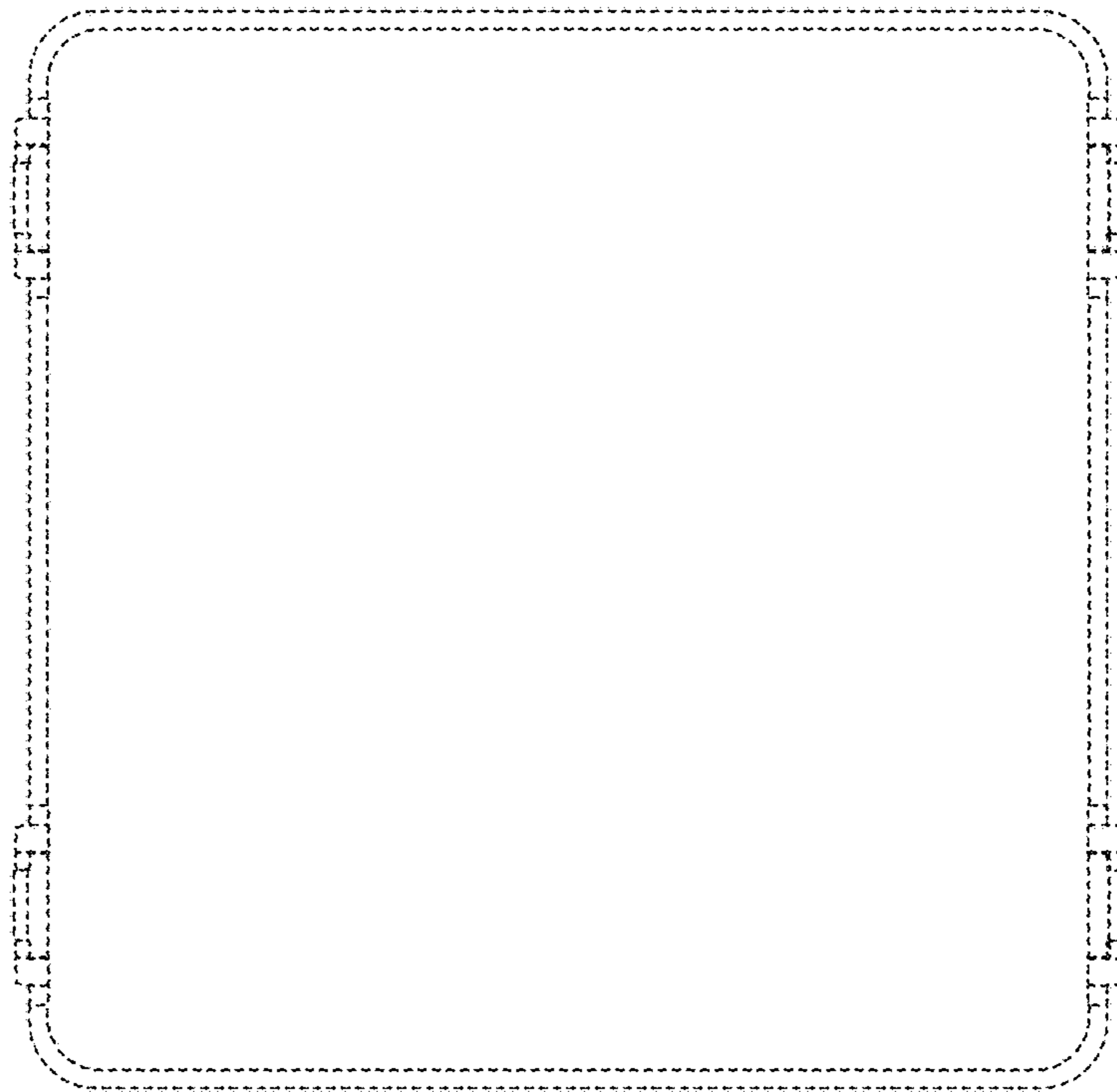


FIG. 24

