



US00D956001S

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

(10) **Patent No.:** **US D956,001 S**  
(45) **Date of Patent:** **\*\* Jun. 28, 2022**

(54) **PROGRAMMABLE CONTROLLER**

(71) Applicant: **Mitsubishi Electric Corporation,**  
Tokyo (JP)

(72) Inventors: **Hiroyuki Kato,** Tokyo (JP); **Hiroyuki Onojima,** Tokyo (JP); **Kazuma Takahata,** Tokyo (JP); **Takashi Ando,** Tokyo (JP); **Mitsuhiro Yamada,** Tokyo (JP); **Atsutomu Hayamizu,** Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation,**  
Tokyo (JP)

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

(21) Appl. No.: **29/821,358**

(22) Filed: **Dec. 29, 2021**

(30) **Foreign Application Priority Data**

Jul. 21, 2021 (JP) ..... 2021-015895 D  
Jul. 21, 2021 (JP) ..... 2021-015896 D  
Jul. 21, 2021 (JP) ..... 2021-015897 D

(51) **LOC (13) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/162.1**

(58) **Field of Classification Search**  
USPC .... D13/123, 162, 162.1, 184; D14/240, 358  
CPC ..... G05B 9/02; G05B 19/05; G05B 19/054;  
G05B 19/056; G06F 1/182; G06F 1/183;  
H05K 7/1462; H05K 7/1467; H05K  
7/1474

See application file for complete search history.

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*Primary Examiner* — Selina Sikder

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett  
PC

(57) **CLAIM**

The ornamental design for a programmable controller, as shown and described.

**DESCRIPTION**

FIG. 1. is a perspective view of the front, top, and left sides of a programmable controller showing a first embodiment of our new design;

FIG. 2. is a front view thereof;

FIG. 3. is a rear view thereof;

FIG. 4. is a top plan view thereof;

FIG. 5. is a bottom view thereof;

FIG. 6. is a right side view thereof;

FIG. 7. is a left side view thereof;

FIG. 8. is a perspective view of the front, top, and left sides of a programmable controller showing a second embodiment of our new design;

FIG. 9. is a front view thereof;

FIG. 10. is a rear view thereof;

FIG. 11. is a top plan view thereof;

FIG. 12. is a bottom view thereof;

FIG. 13. is a right side view thereof;

FIG. 14. is a left side view thereof;

FIG. 15. is a perspective view of the front, top, and left sides of a programmable controller showing a third embodiment of our new design;

FIG. 16. is a front view thereof;

FIG. 17. is a rear view thereof;

FIG. 18. is a top plan view thereof;

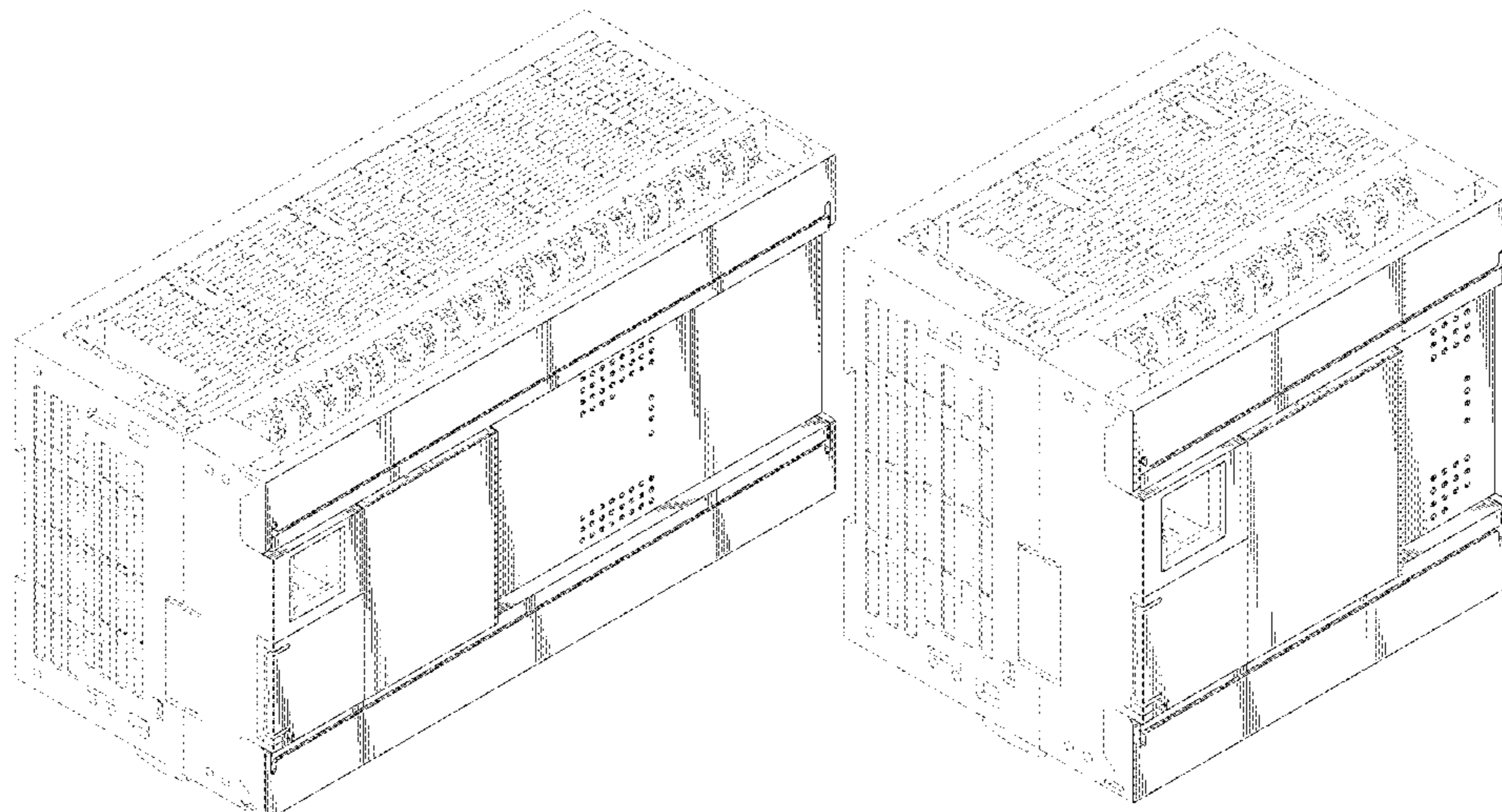
FIG. 19. is a bottom view thereof;

FIG. 20. is a right side view thereof; and,

FIG. 21. is a left side view thereof.

The broken lines shown represent portions of the programmable controller and form no part of the claimed design.

**1 Claim, 21 Drawing Sheets**



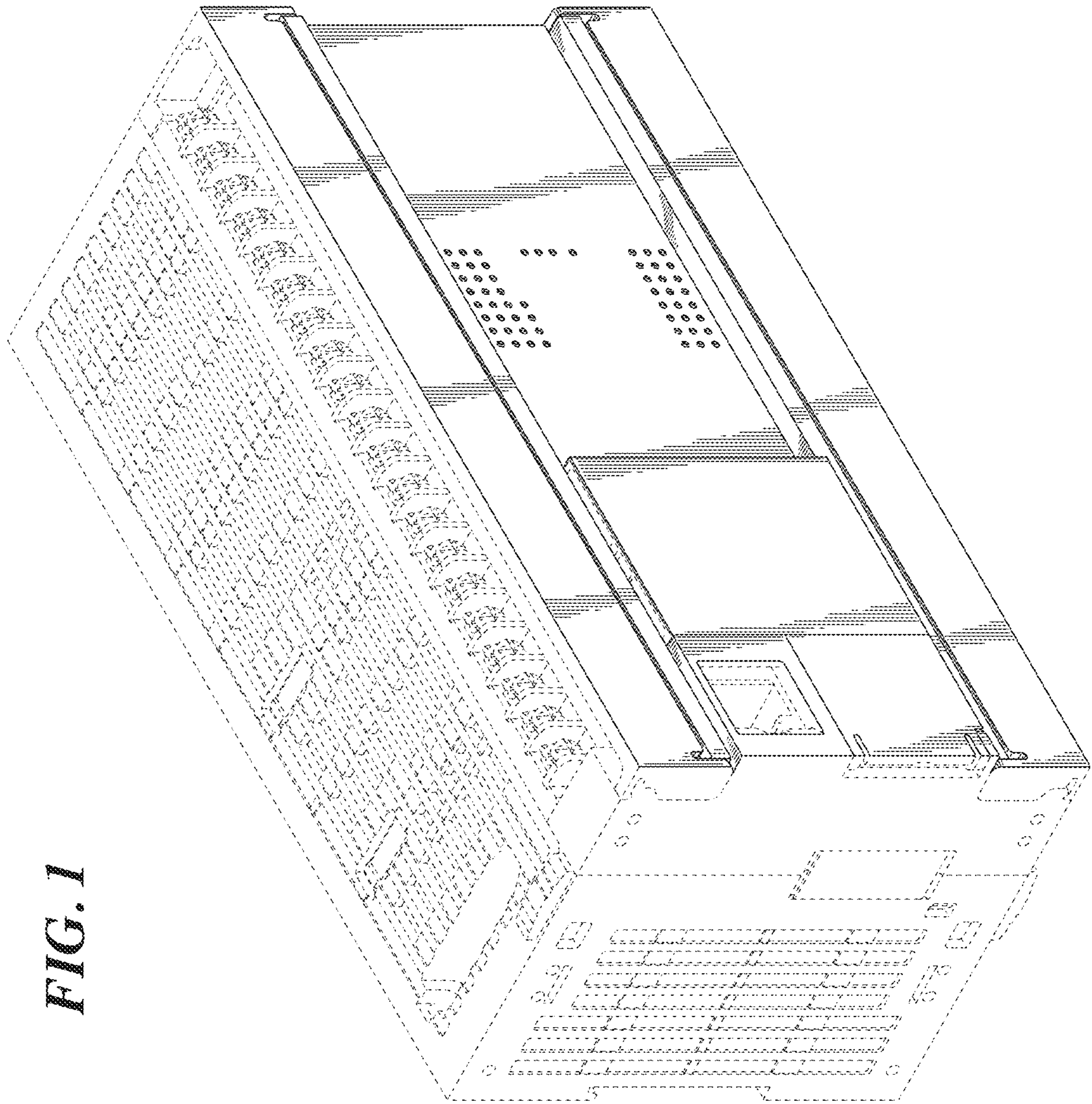
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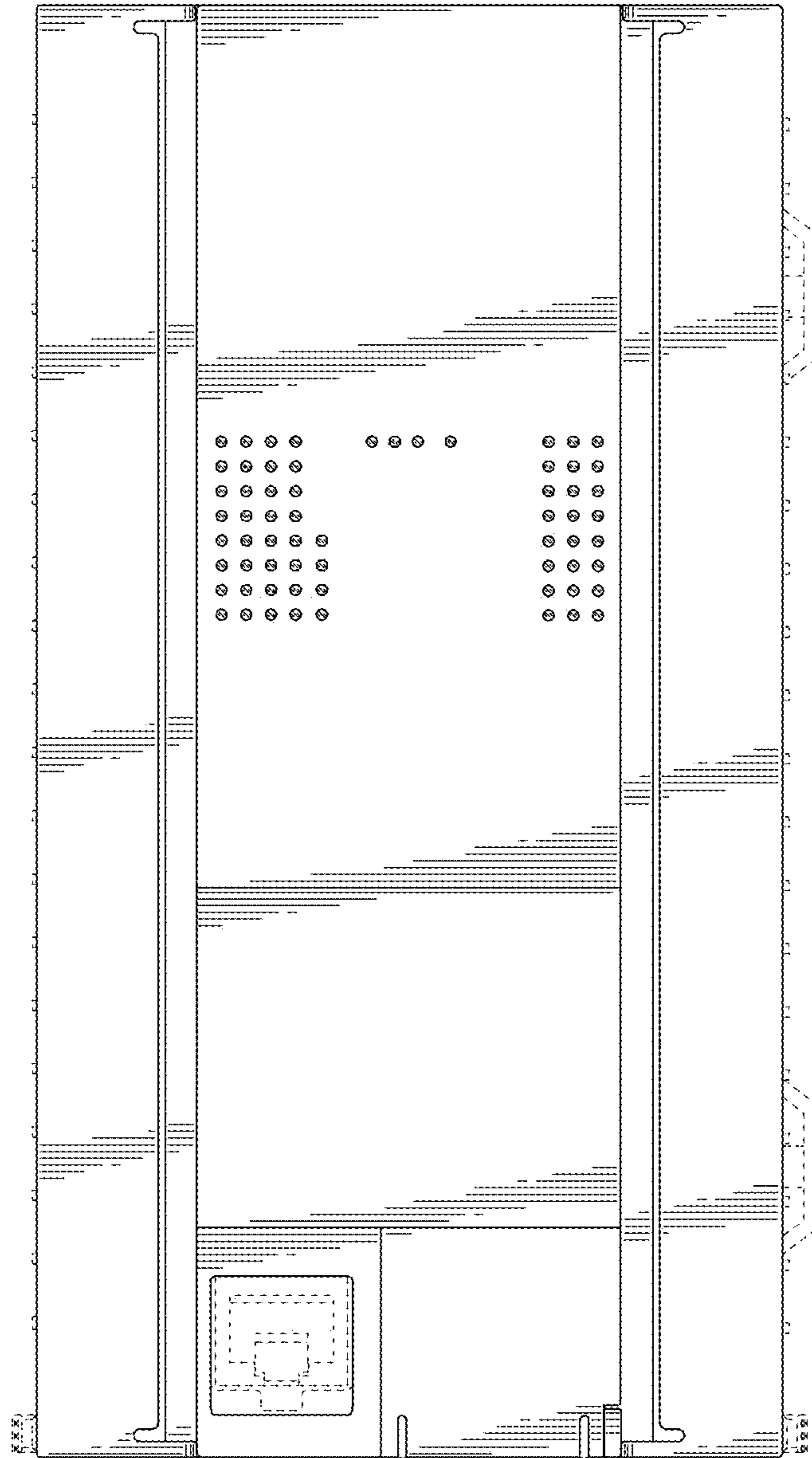
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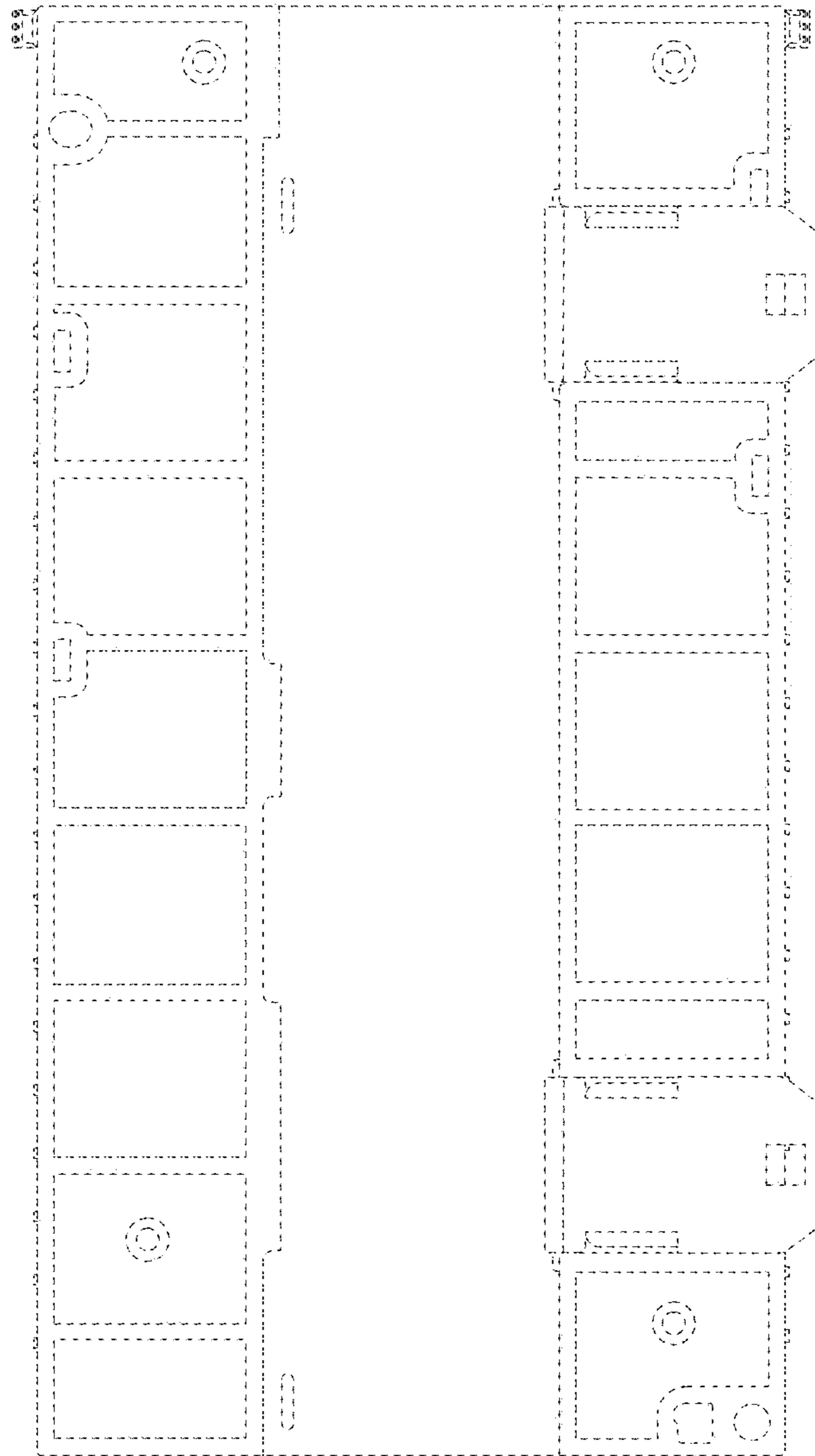
**FIG. 1**



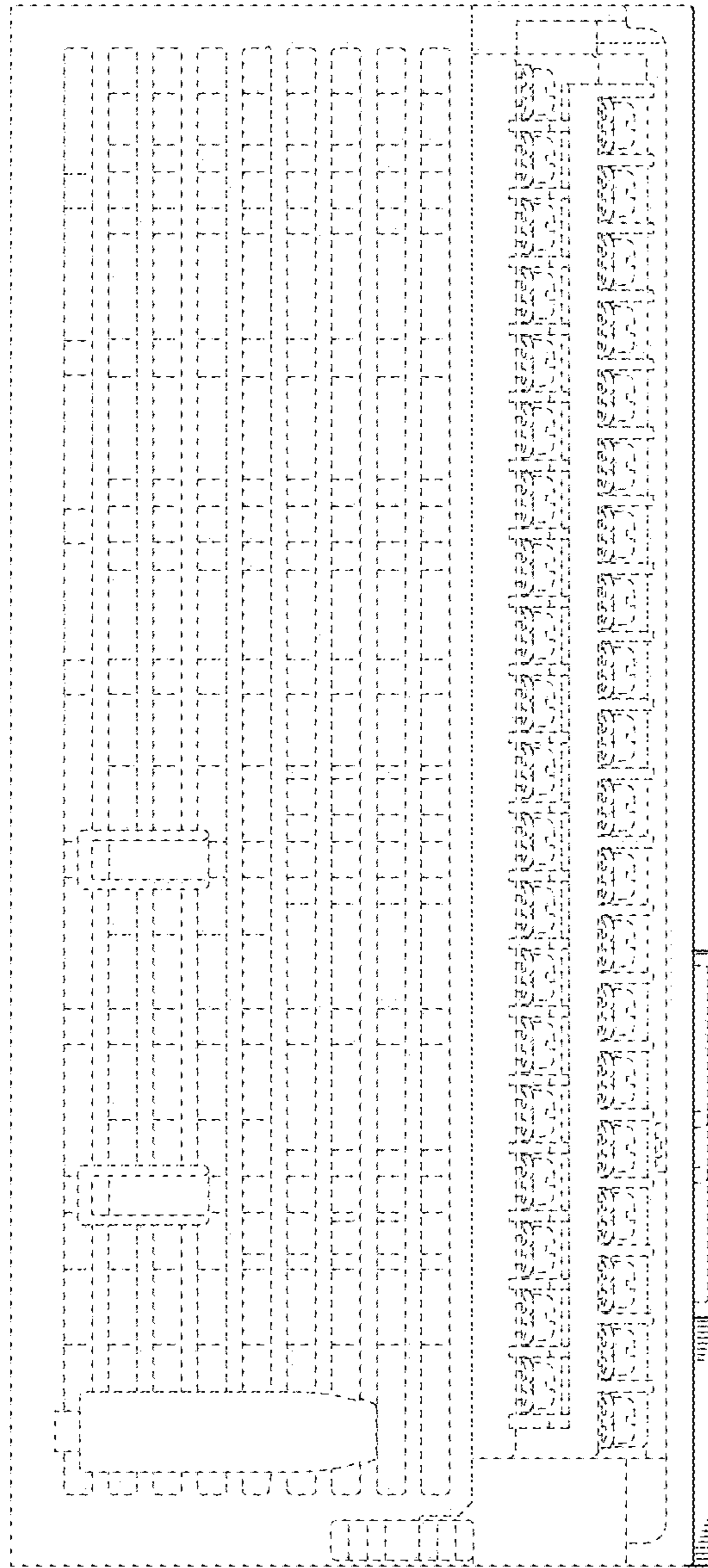
**FIG. 2**



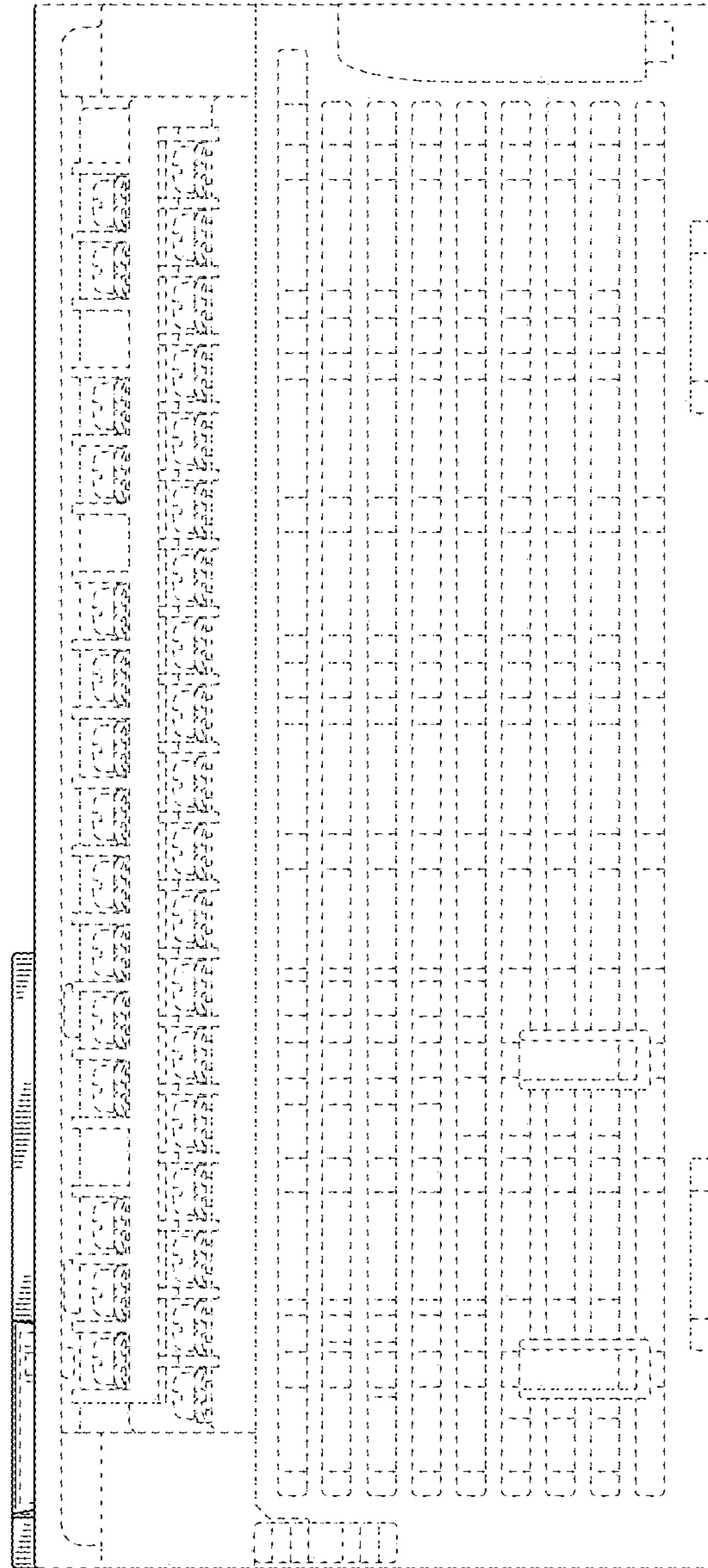
**FIG. 3**



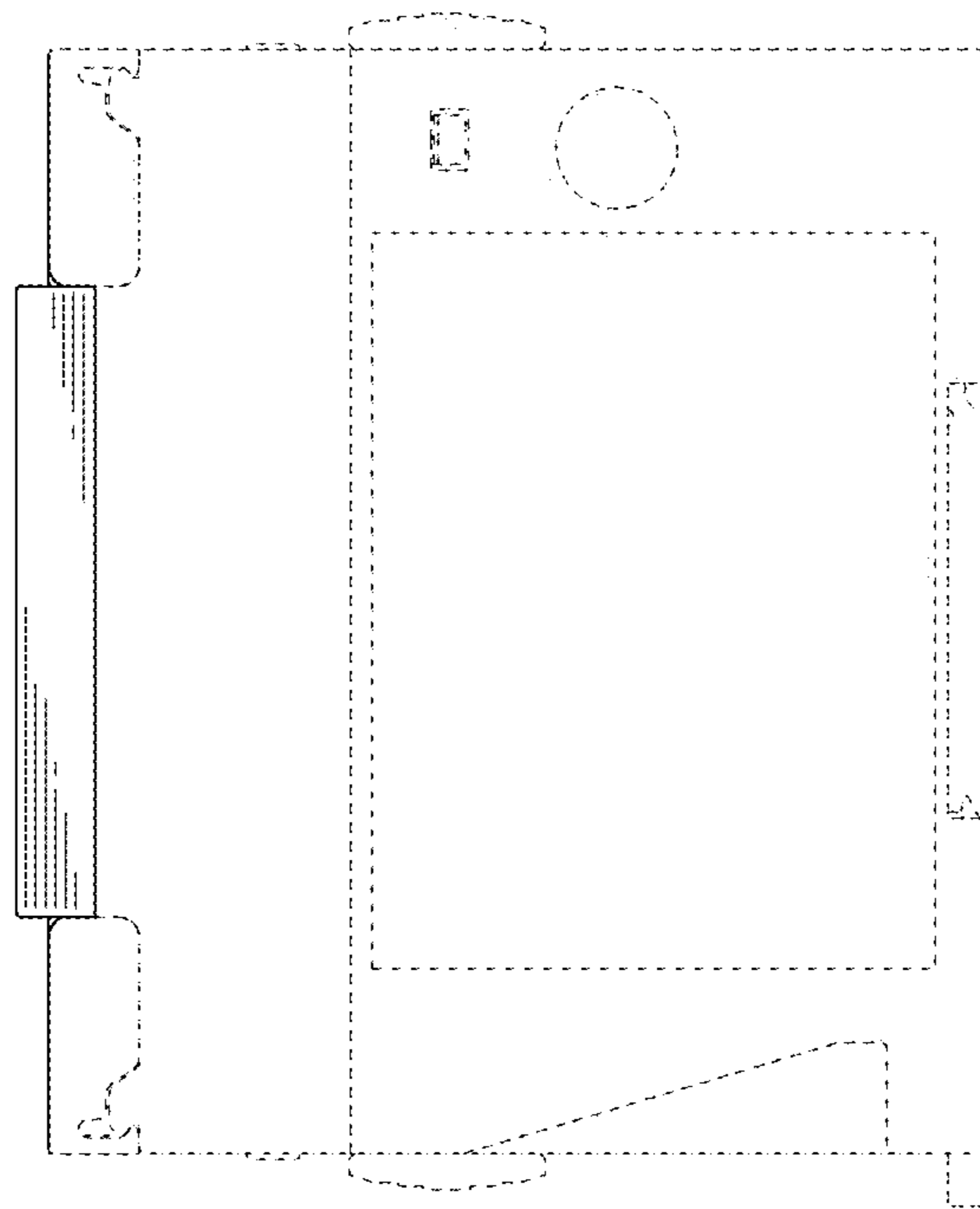
**FIG. 4**



**FIG. 5**

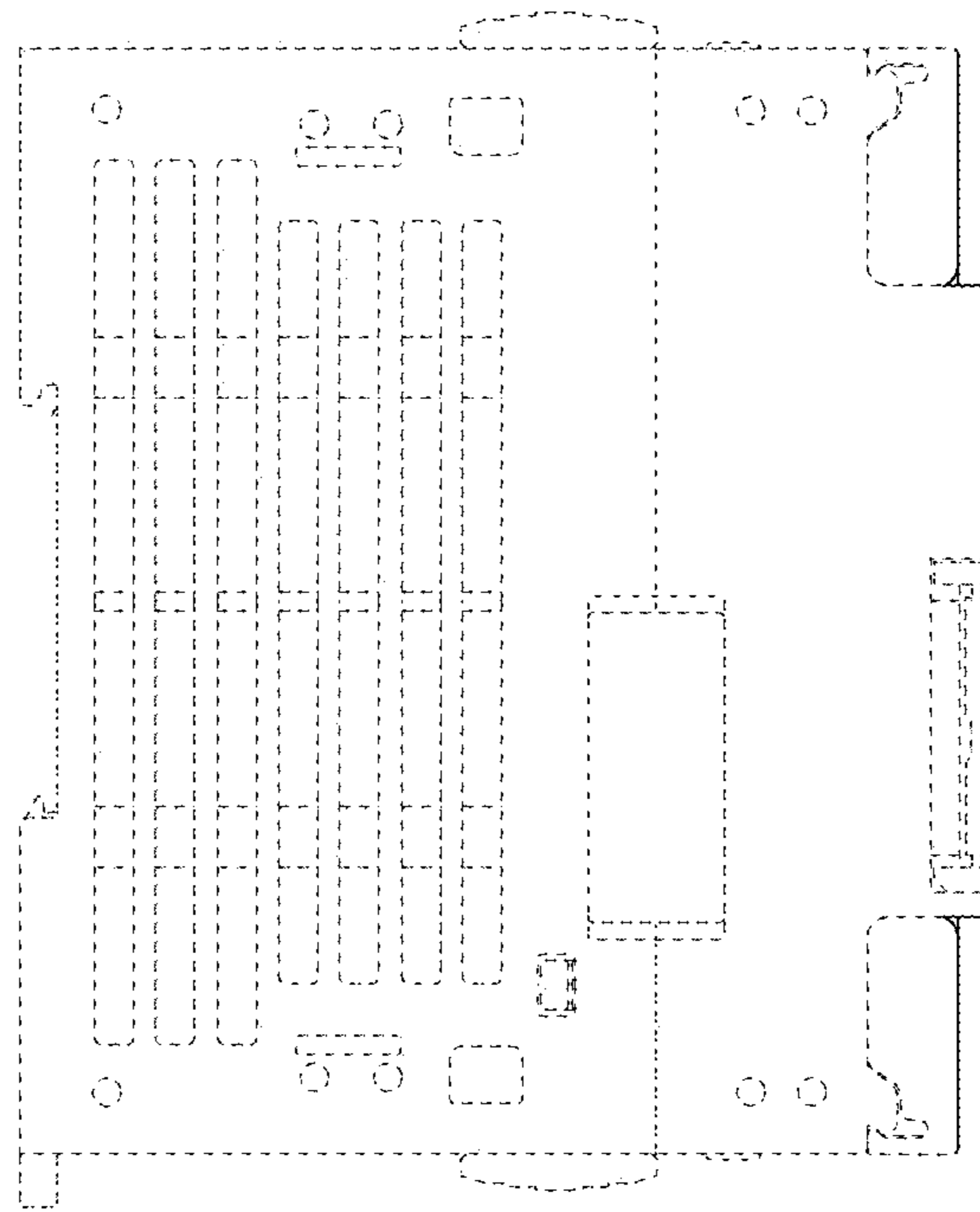


**FIG. 6**

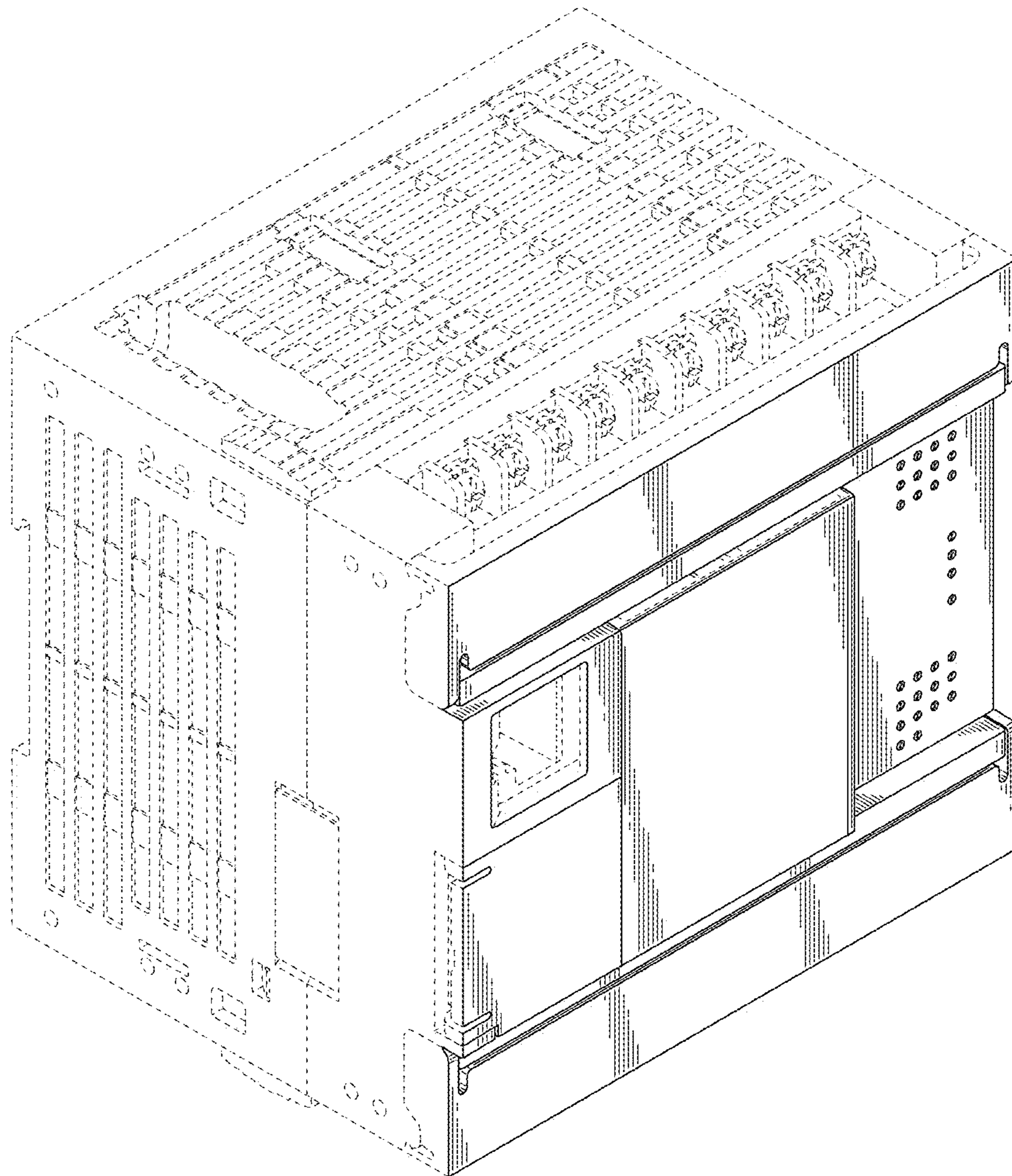




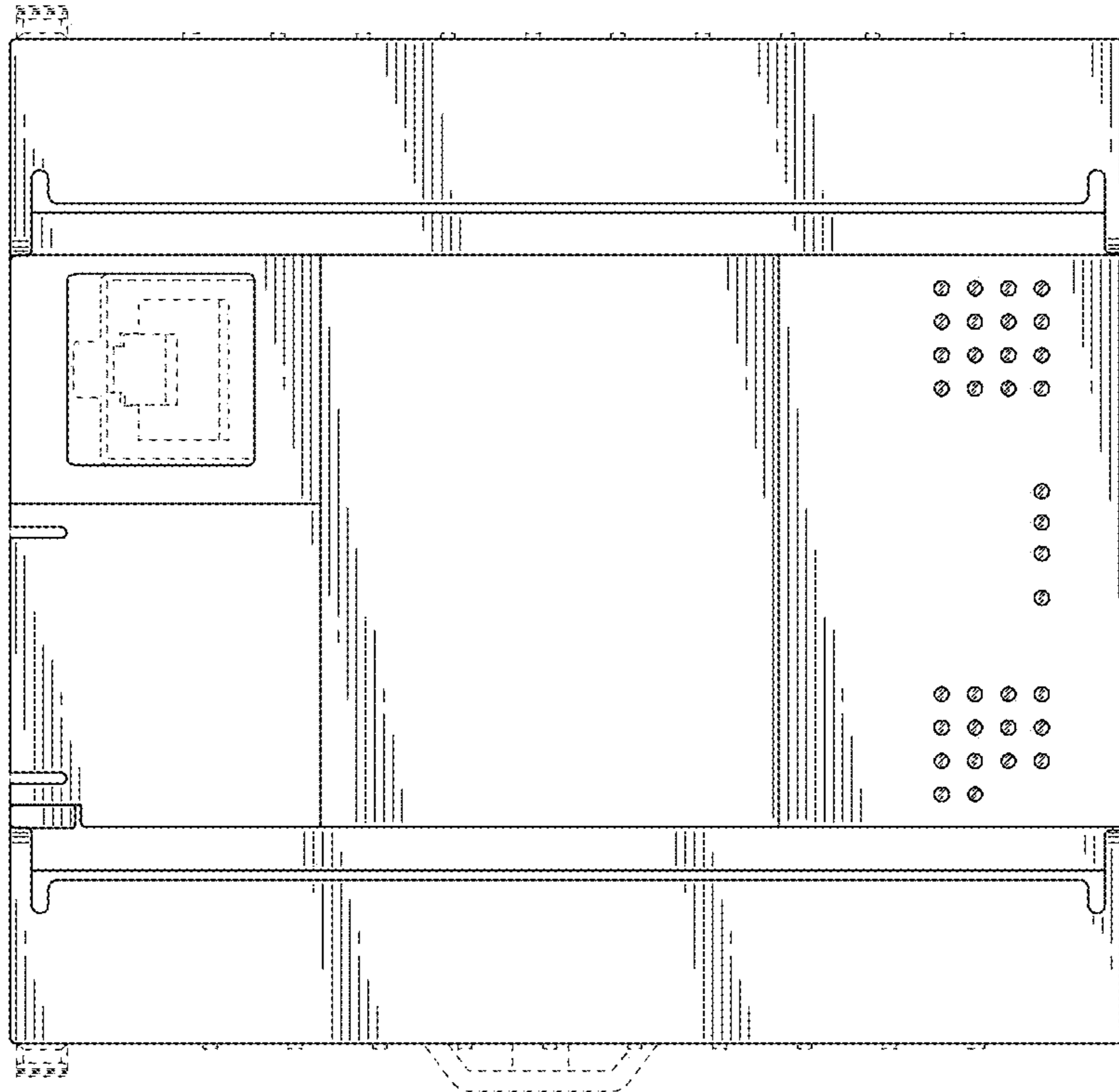
**FIG. 7**



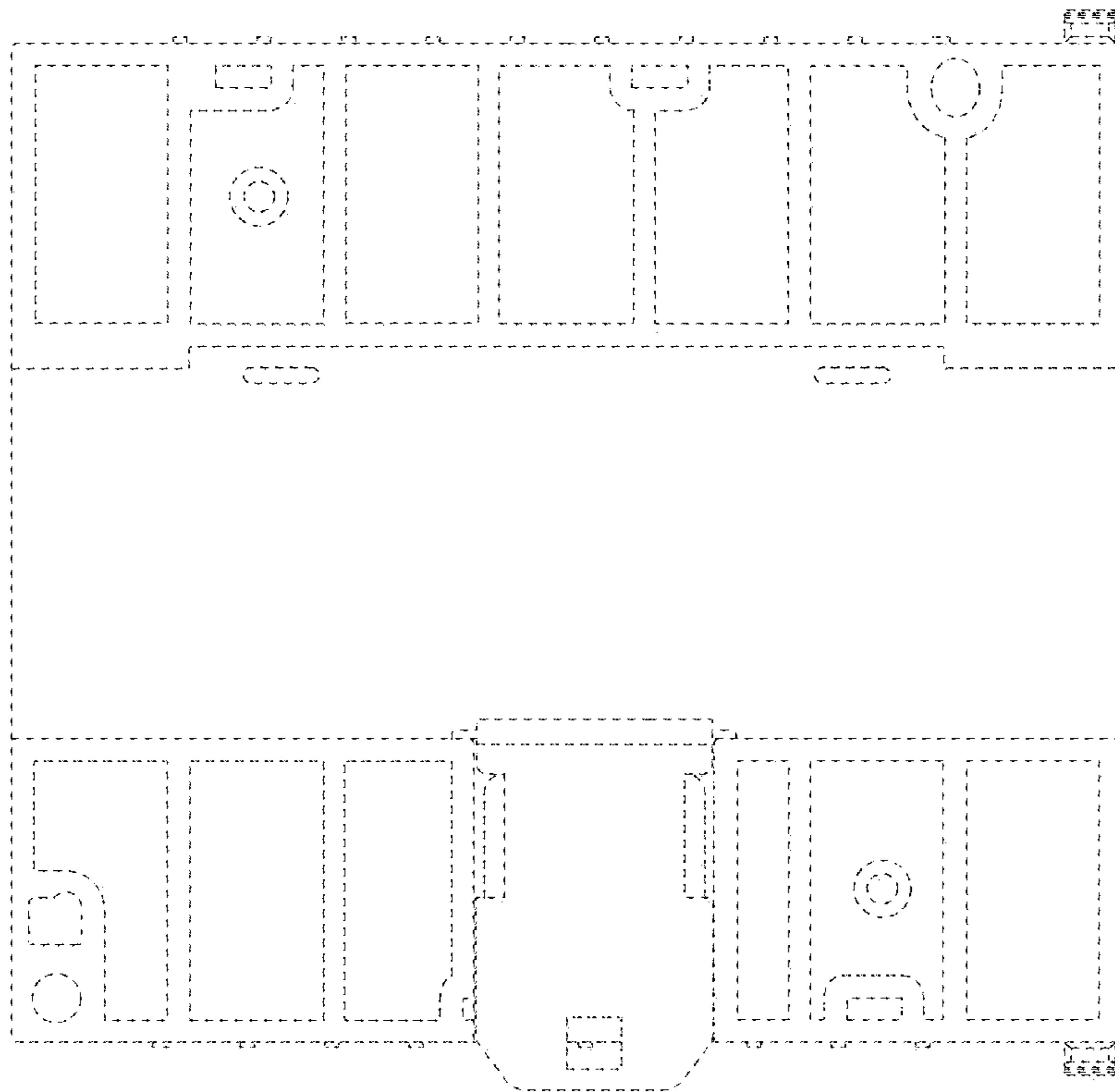
**FIG. 8**



**FIG. 9**

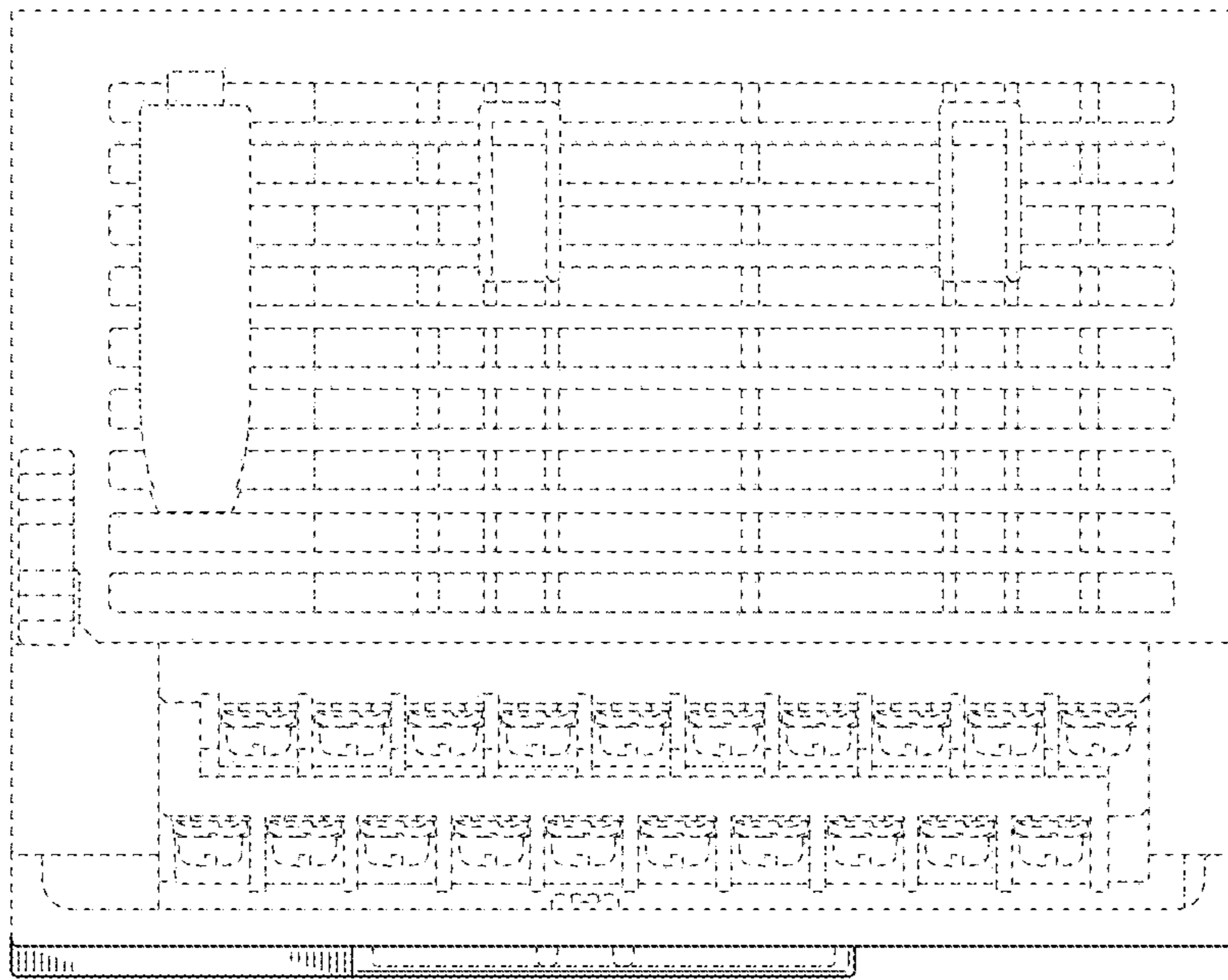


**FIG. 10**

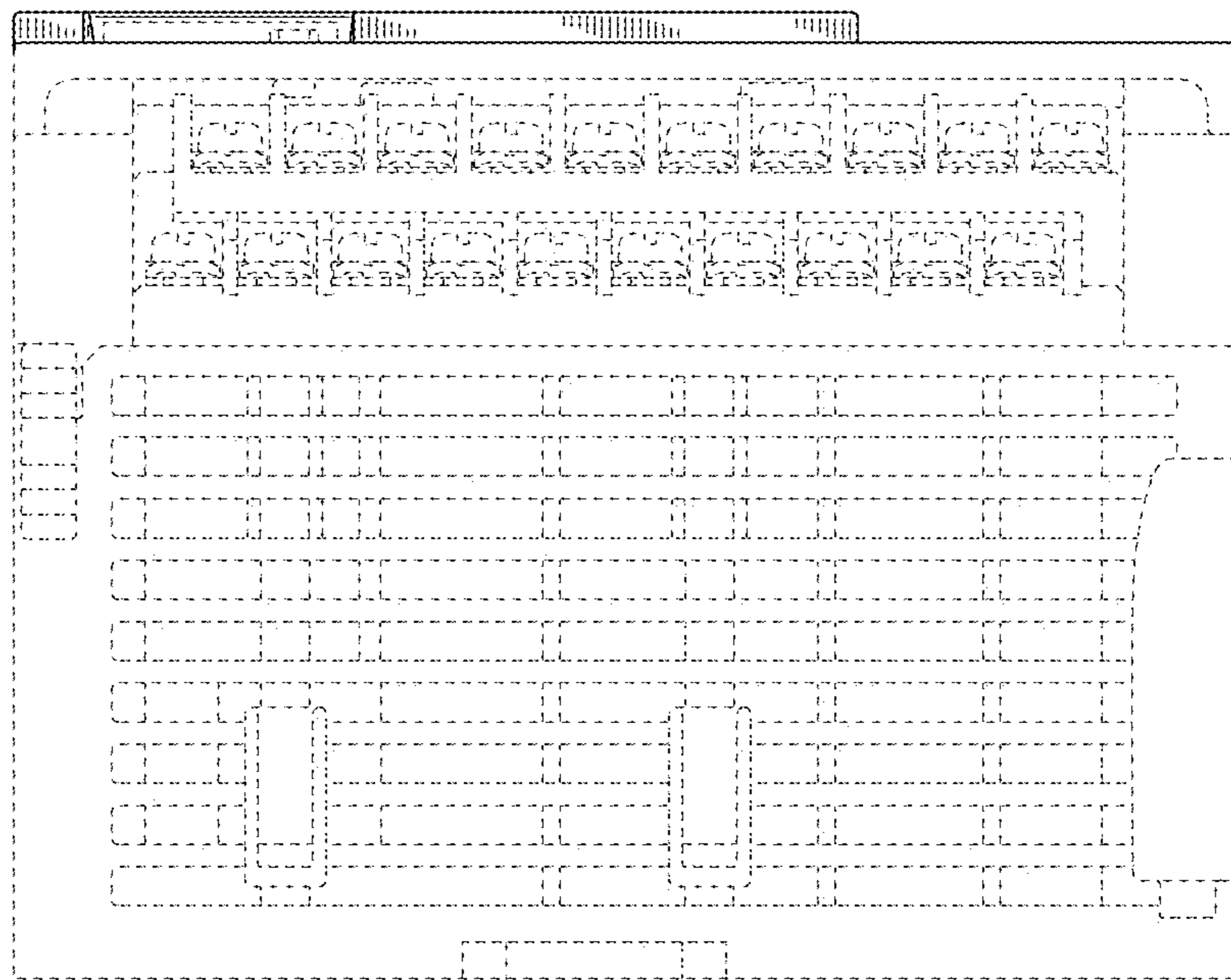




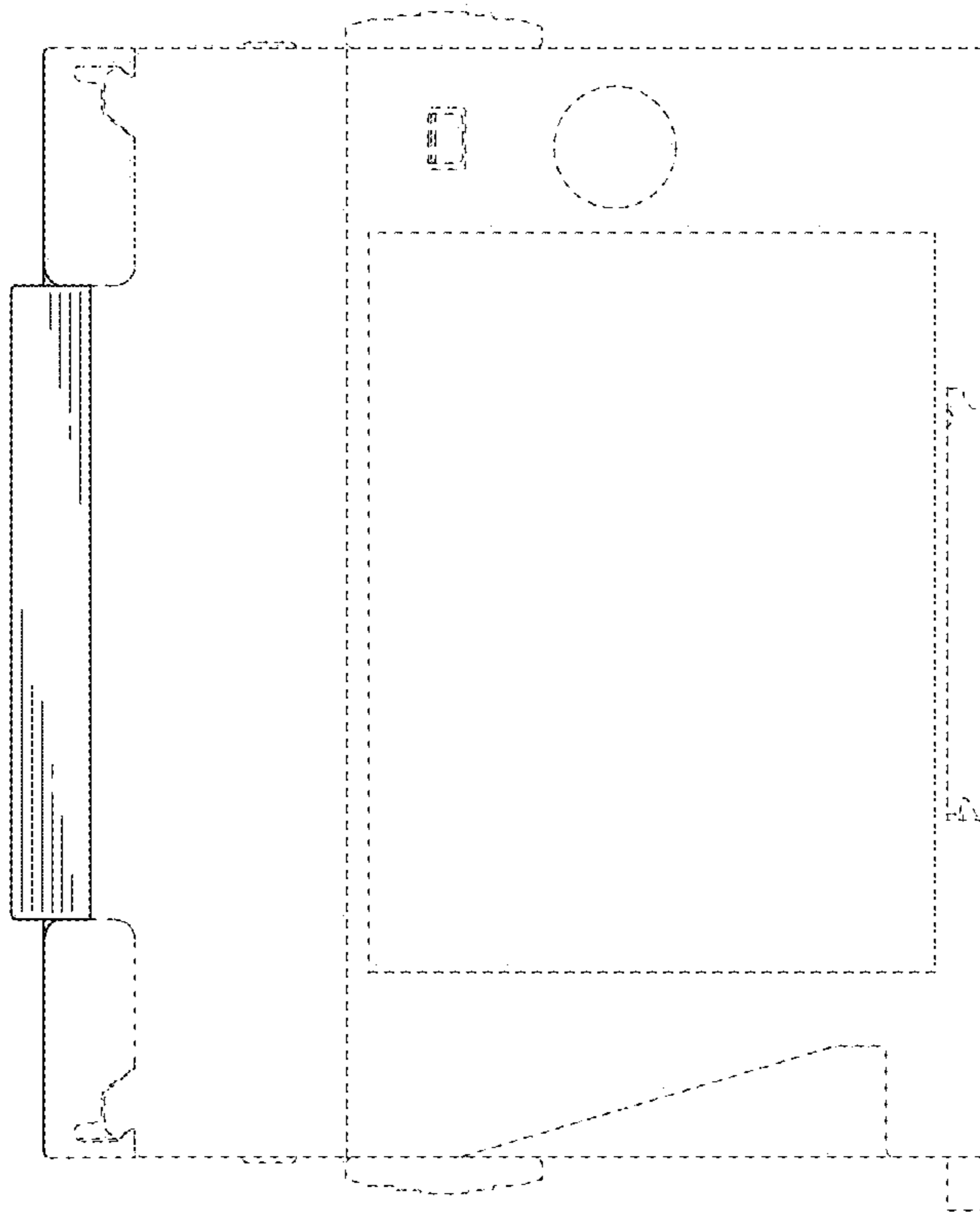
**FIG. 11**



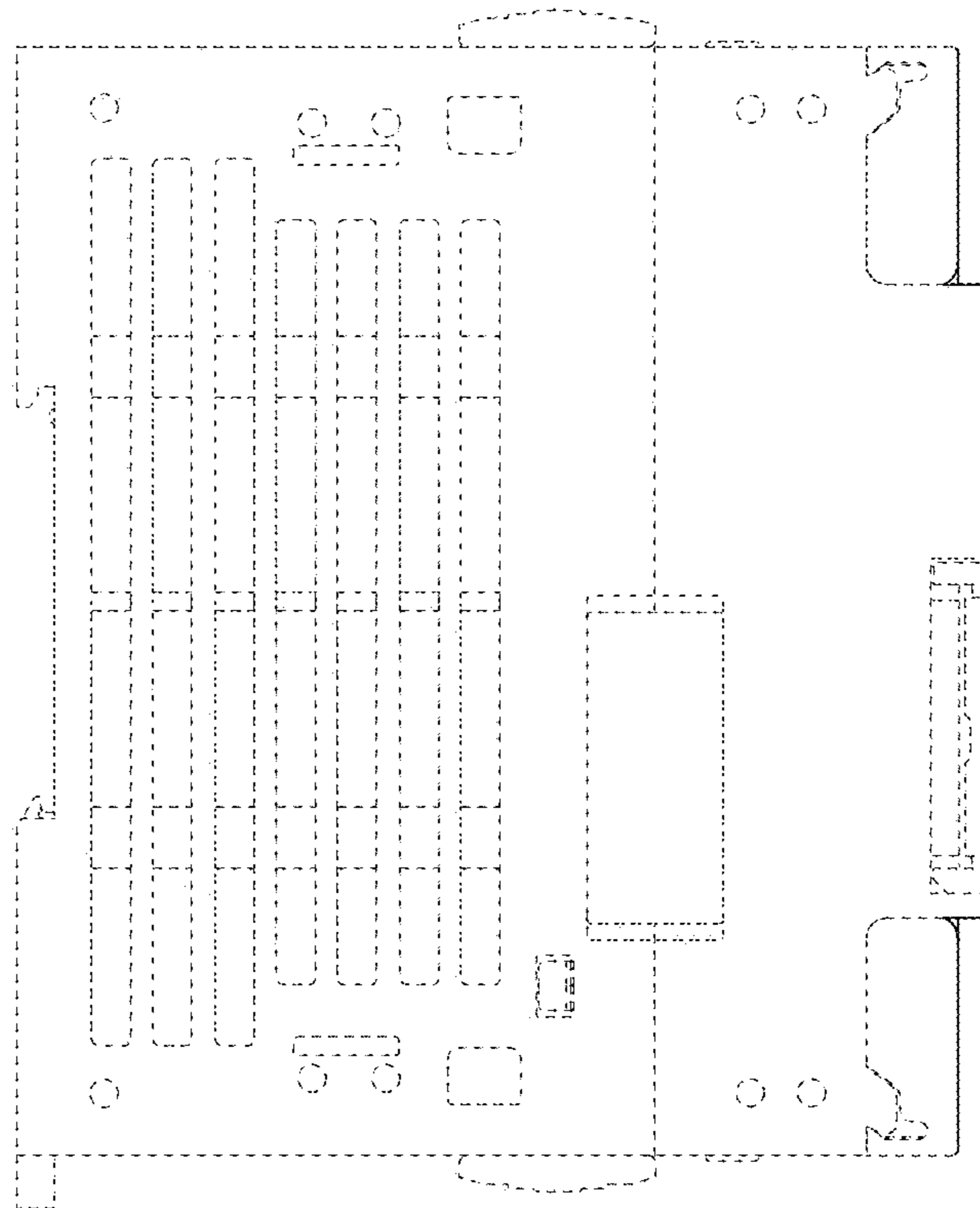
**FIG. 12**



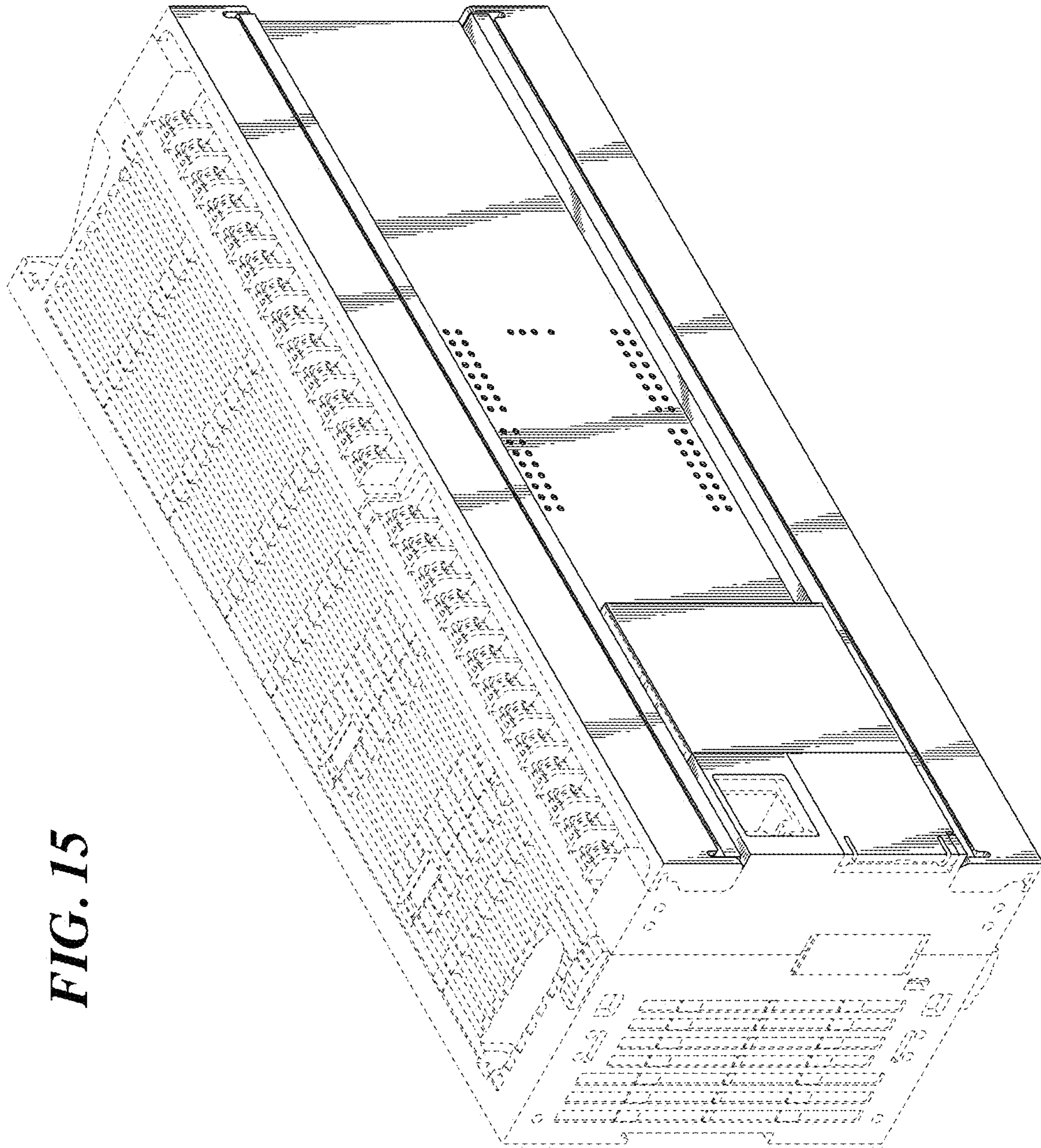
**FIG. 13**



**FIG. 14**

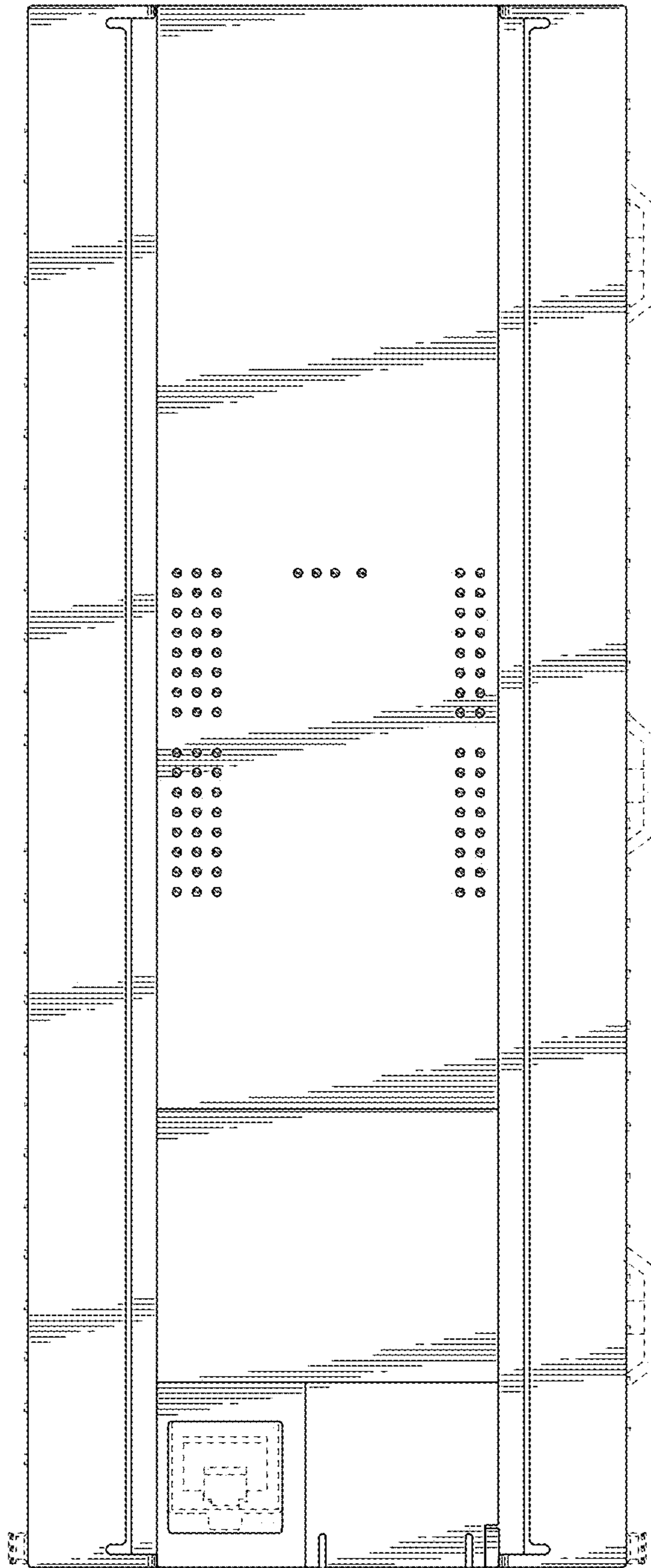




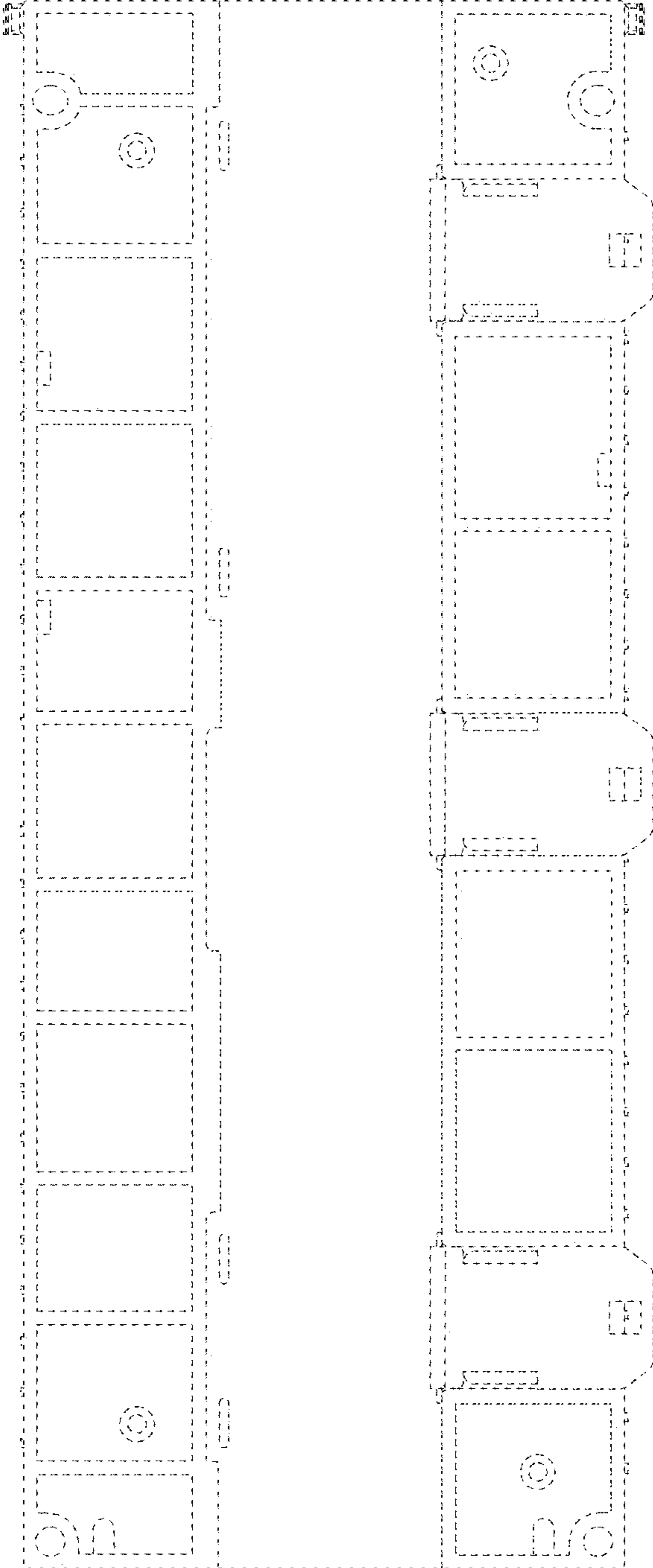


**FIG. 15**

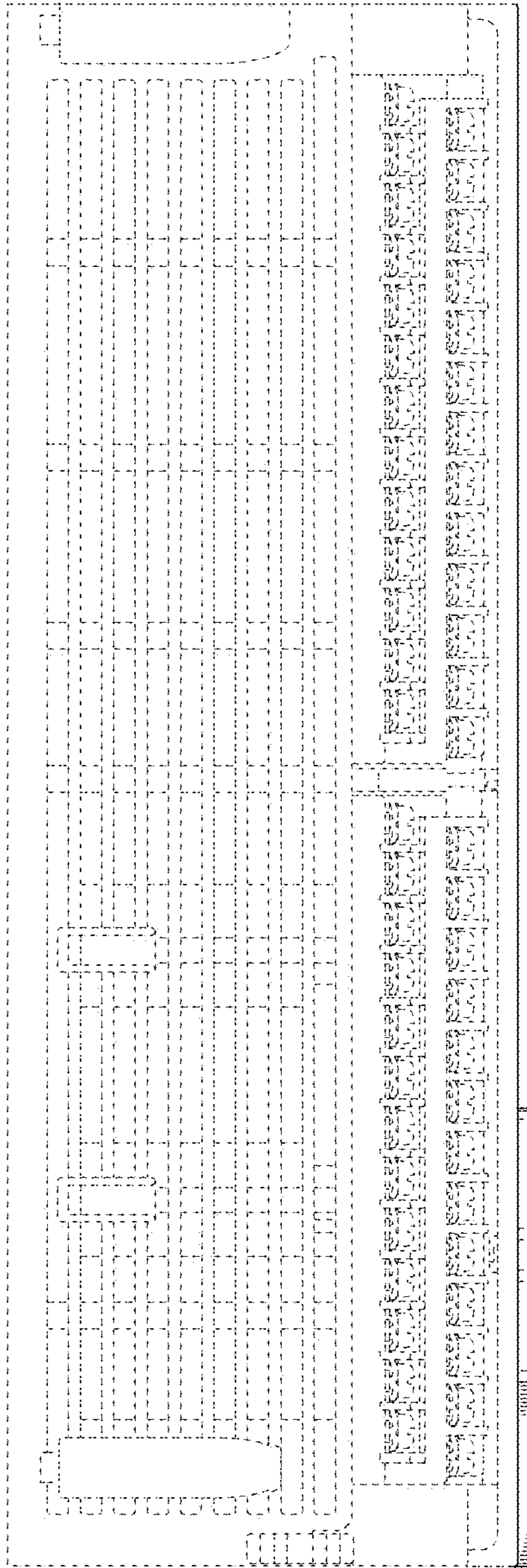
*FIG. 16*



**FIG. 17**

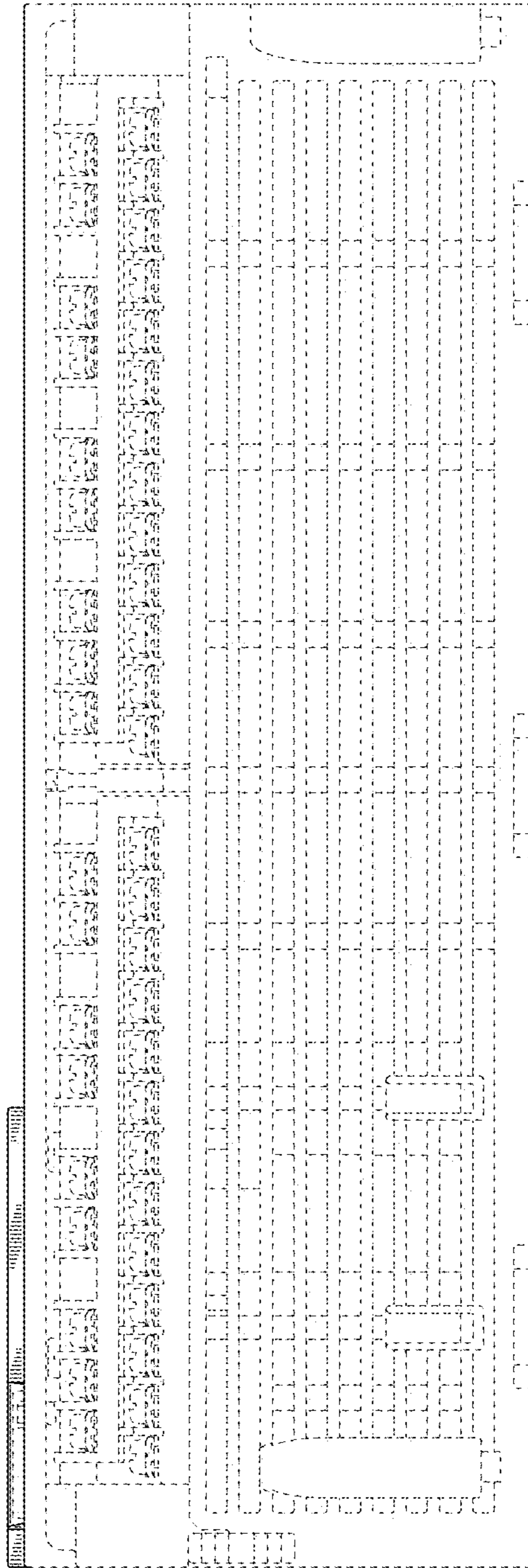


**FIG. 18**

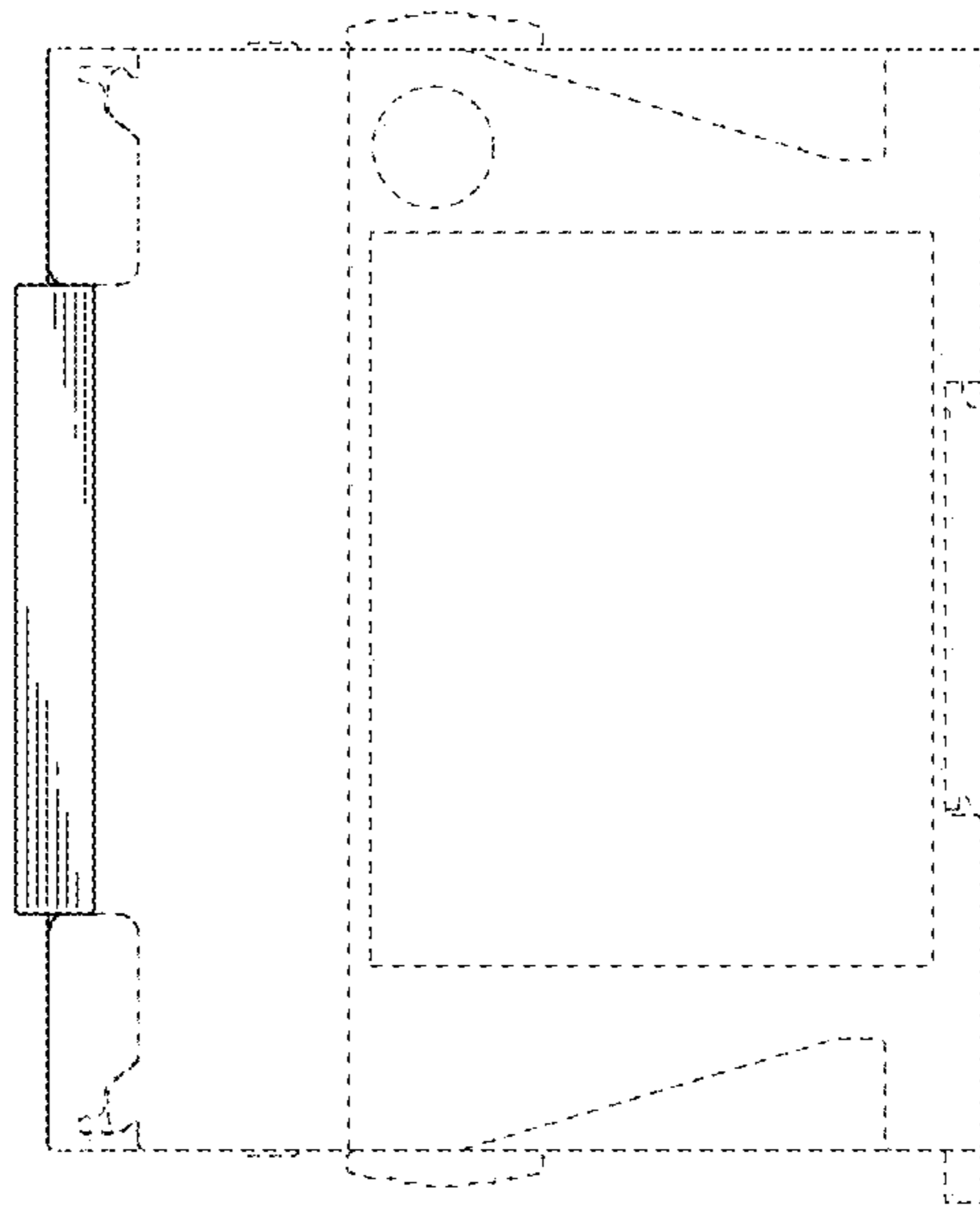




**FIG. 19**



**FIG. 20**



**FIG. 21**

