



US00D944218S

(12) **United States Design Patent** (10) **Patent No.:** **US D944,218 S**  
**Kao et al.** (45) **Date of Patent:** **\*\* Feb. 22, 2022**

(54) **LIGHT EMITTING DIODE**

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**Hao-Chun Liang**, Hsinchu (TW);  
**Shih-Chang Lee**, Hsinchu (TW)

(73) Assignee: **EPISTAR CORPORATION**, Hsinchu (TW)

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

(21) Appl. No.: **29/798,333**

(22) Filed: **Jul. 7, 2021**

**Related U.S. Application Data**

(62) Division of application No. 29/679,564, filed on Feb. 7, 2019, now Pat. No. Des. 928,104.

(30) **Foreign Application Priority Data**

Aug. 8, 2018 (TW) ..... 107304600

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

(52) **U.S. Cl.**  
USPC ..... **D13/180**

(58) **Field of Classification Search**  
USPC ..... D13/180; D26/1

(Continued)

(56) **References Cited**

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(Continued)

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(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(57) **CLAIM**

The ornamental design for a light-emitting diode, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a light-emitting diode showing our first example of the new design;  
 FIG. 2 is another perspective view thereof;  
 FIG. 3 is a front elevational view thereof;  
 FIG. 4 is a rear elevational view thereof;  
 FIG. 5 is a left side view thereof;  
 FIG. 6 is a right side view thereof;  
 FIG. 7 is a top plan view thereof;  
 FIG. 8 is a bottom plan view thereof;  
 FIG. 9 is a perspective view of a light-emitting diode showing our second example of the new design;  
 FIG. 10 is another perspective view thereof;  
 FIG. 11 is a front elevational view thereof;  
 FIG. 12 is a rear elevational view thereof;  
 FIG. 13 is a left side view thereof;  
 FIG. 14 is a right side view thereof;  
 FIG. 15 is a top plan view thereof;  
 FIG. 16 is a bottom plan view thereof;  
 FIG. 17 is a perspective view of a light-emitting diode showing our third example of the new design;  
 FIG. 18 is another perspective view thereof;  
 FIG. 19 is a front elevational view thereof;  
 FIG. 20 is a rear elevational view thereof;  
 FIG. 21 is a left side view thereof;  
 FIG. 22 is a right side view thereof;  
 FIG. 23 is a top plan view thereof;  
 FIG. 24 is a bottom plan view thereof;  
 FIG. 25 is a perspective view of a light-emitting diode showing our fourth example of the new design;  
 FIG. 26 is another perspective view thereof;  
 FIG. 27 is a front elevational view thereof;  
 FIG. 28 is a rear elevational view thereof;  
 FIG. 29 is a left side view thereof;  
 FIG. 30 is a right side view thereof;  
 FIG. 31 is a top plan view thereof; and,

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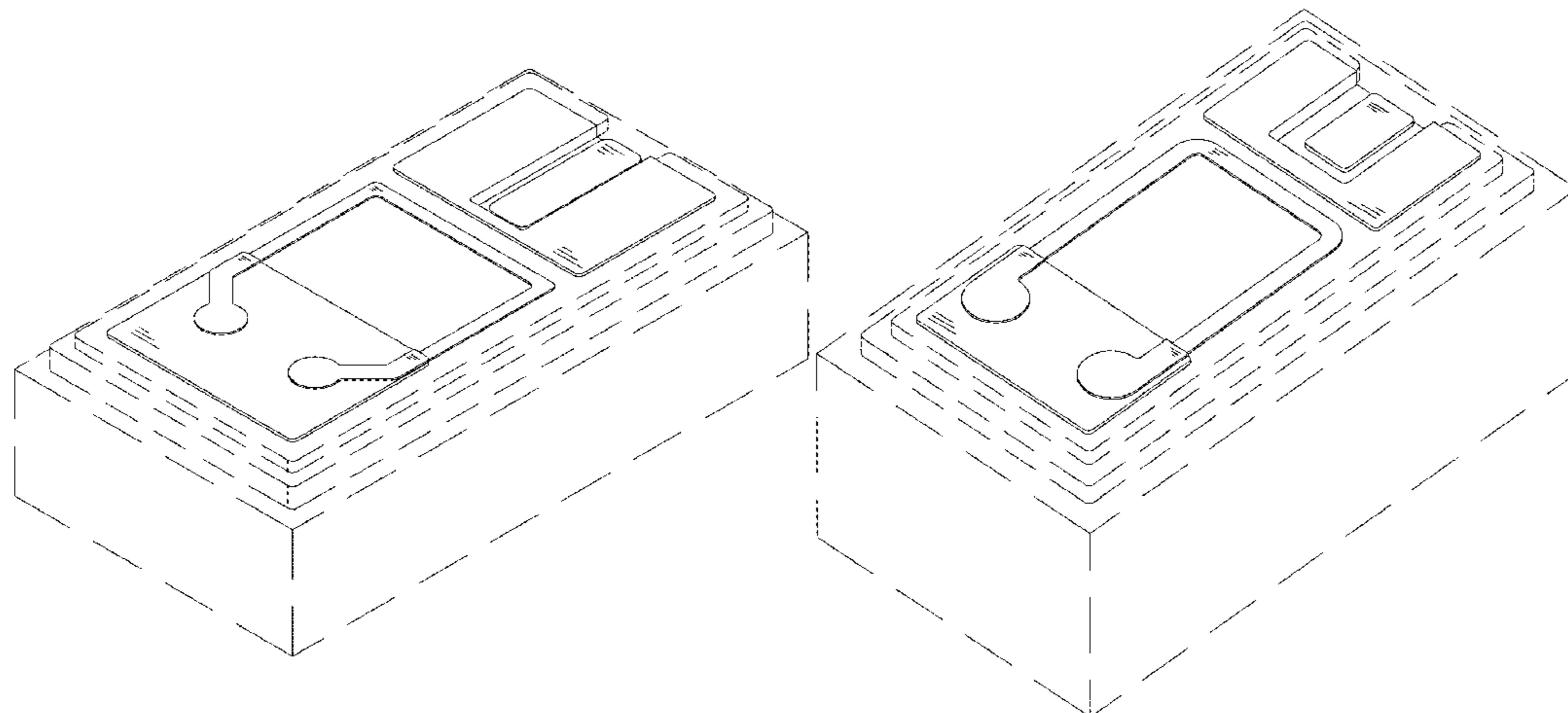


FIG. 32 is a bottom plan view thereof.  
The broken line showing is for the purpose of illustrating environmental structure only and forms no part of the claimed design.

**1 Claim, 32 Drawing Sheets**

(58) **Field of Classification Search**

CPC ... H01L 25/167; H01L 25/0753; H01L 27/15;  
H01L 27/156; H01L 31/02; H01L 33/00;  
H01L 33/04; H01L 33/08; H01L 33/10;  
H01L 33/20; H01L 33/38; H01L 33/42;  
H01L 33/48; H01L 33/483; H01L 33/486

See application file for complete search history.

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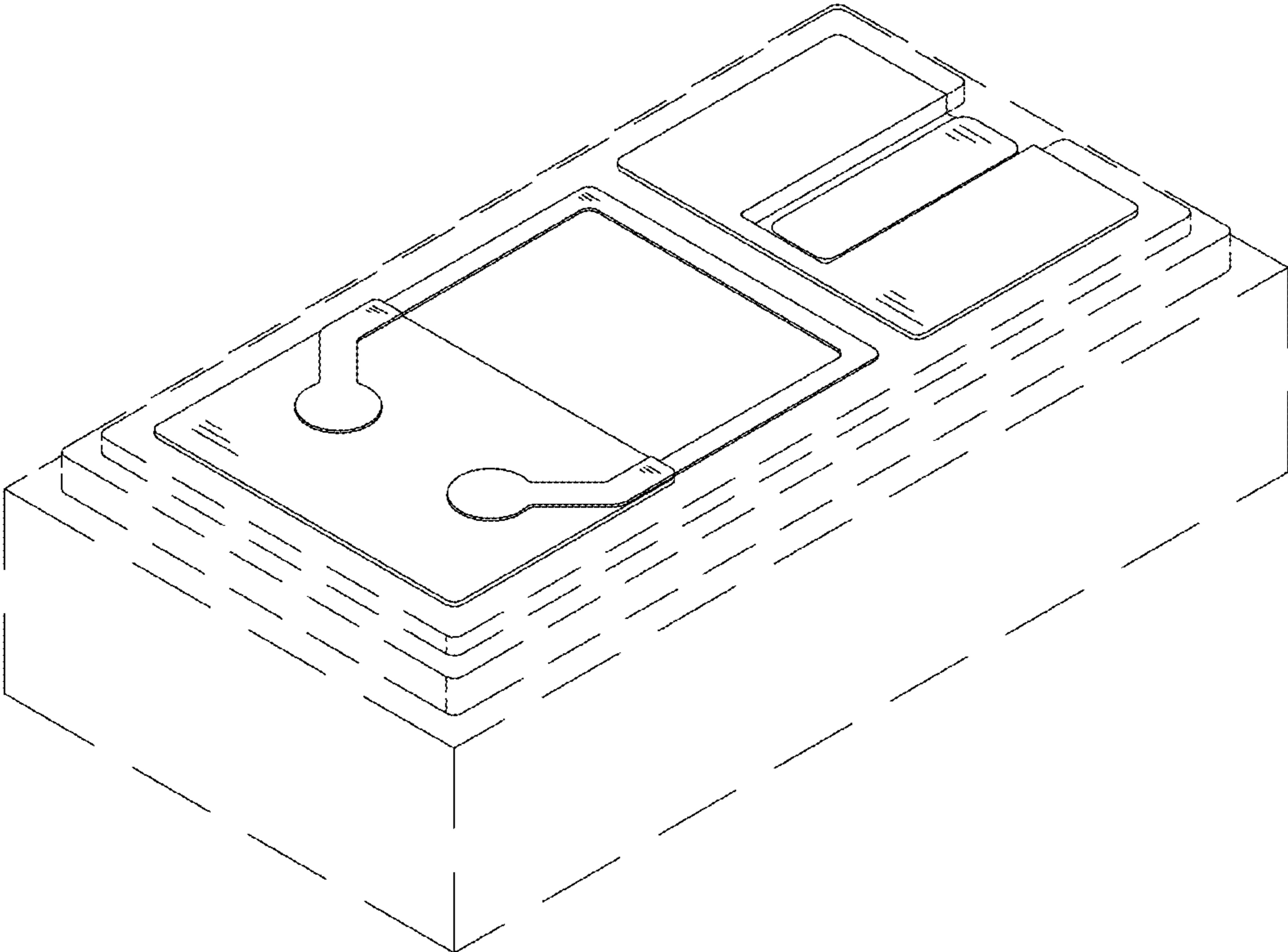


FIG. 1

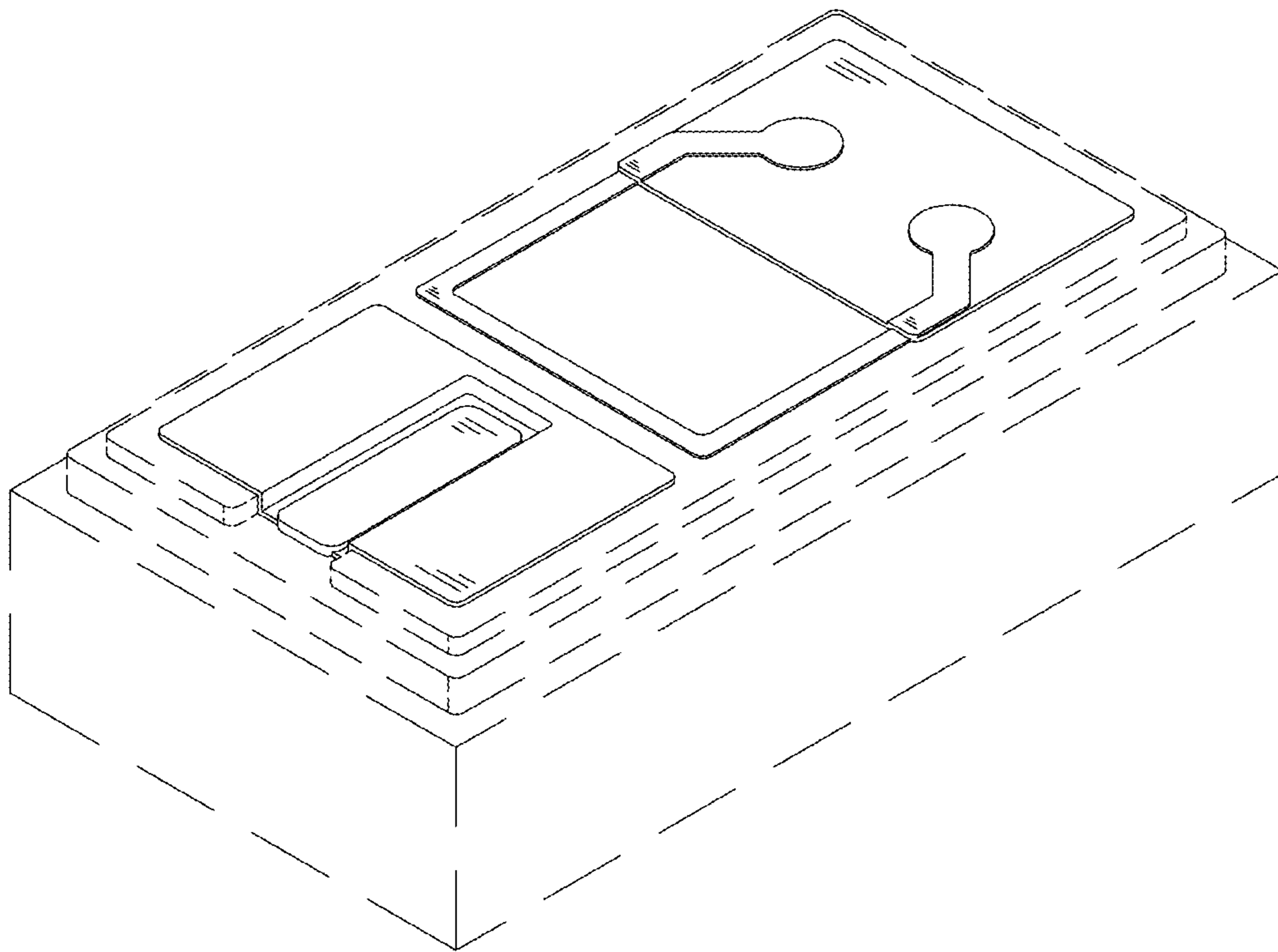


FIG. 2

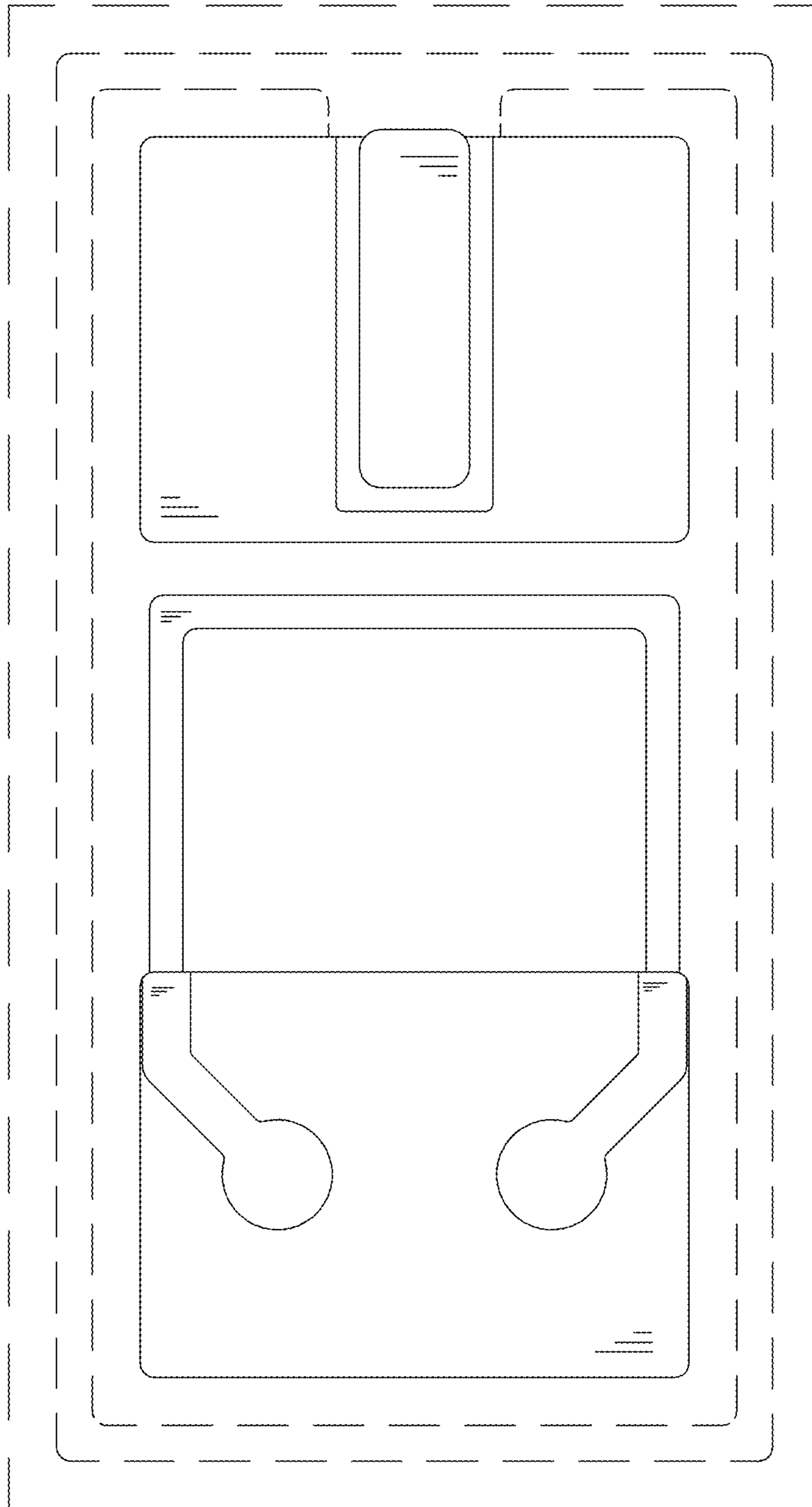


FIG. 3

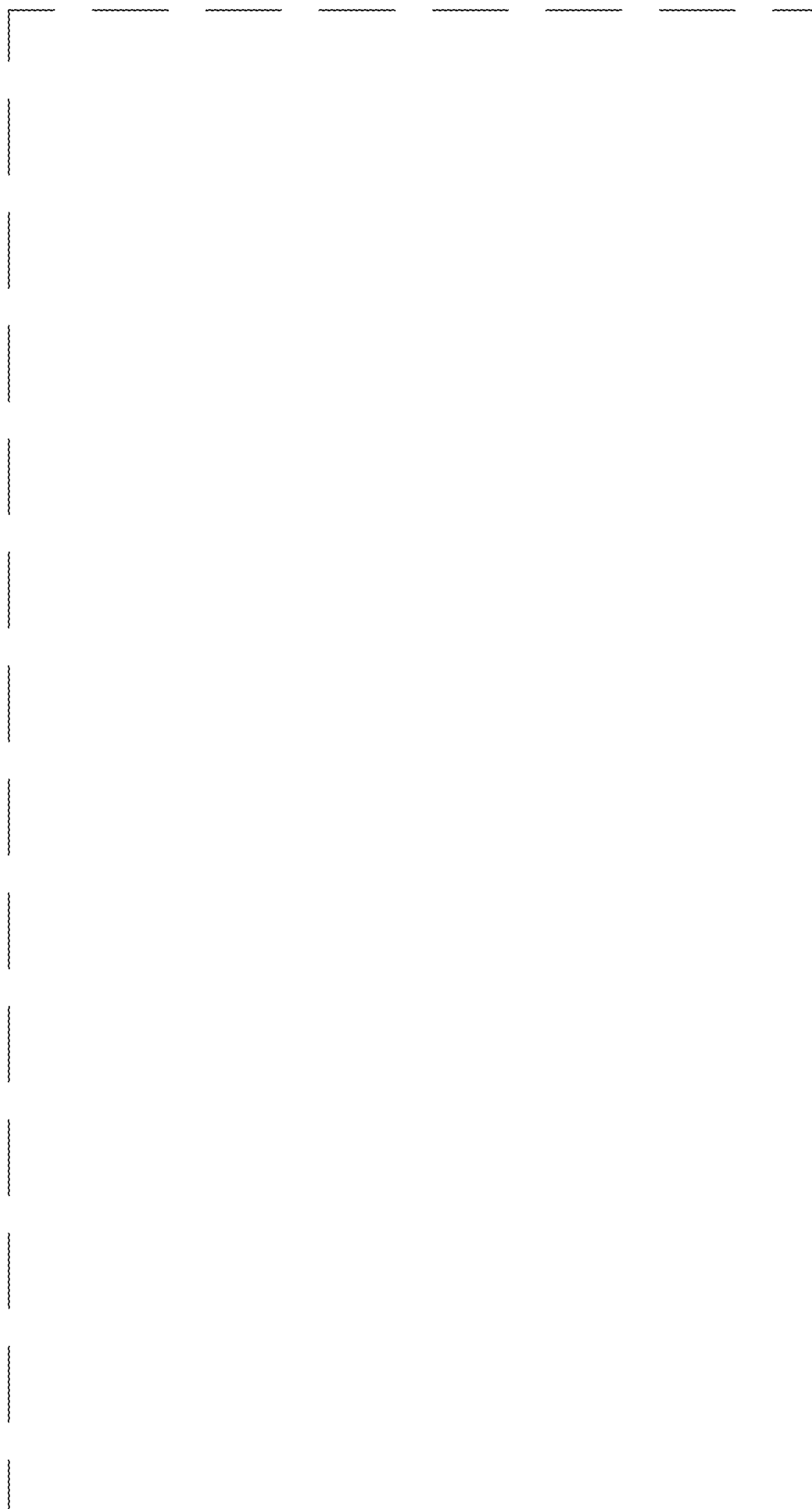


FIG. 4

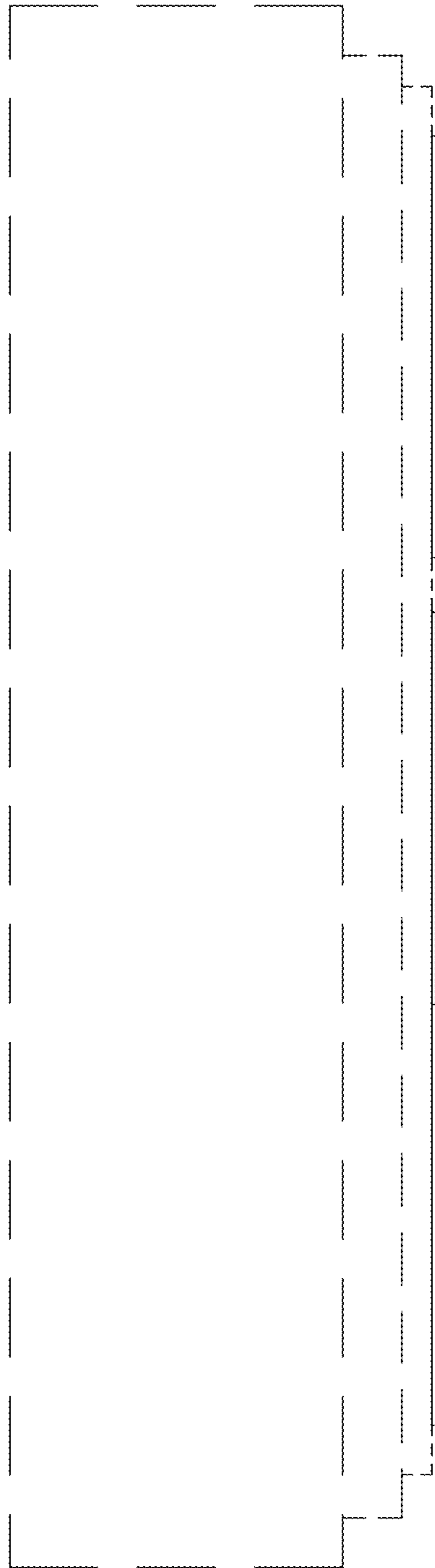


FIG. 5

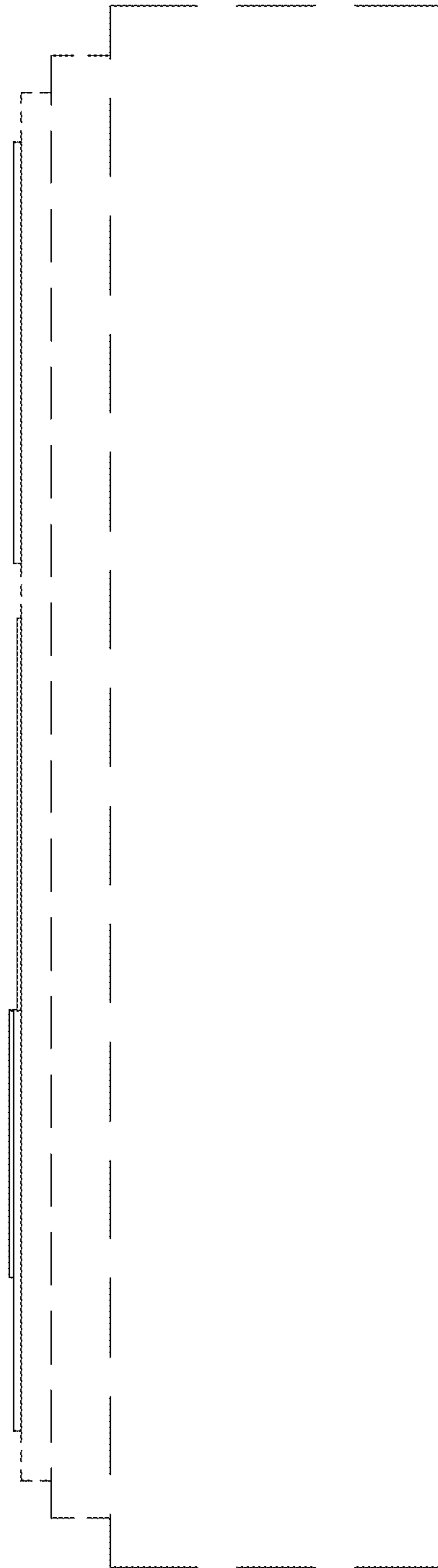


FIG. 6



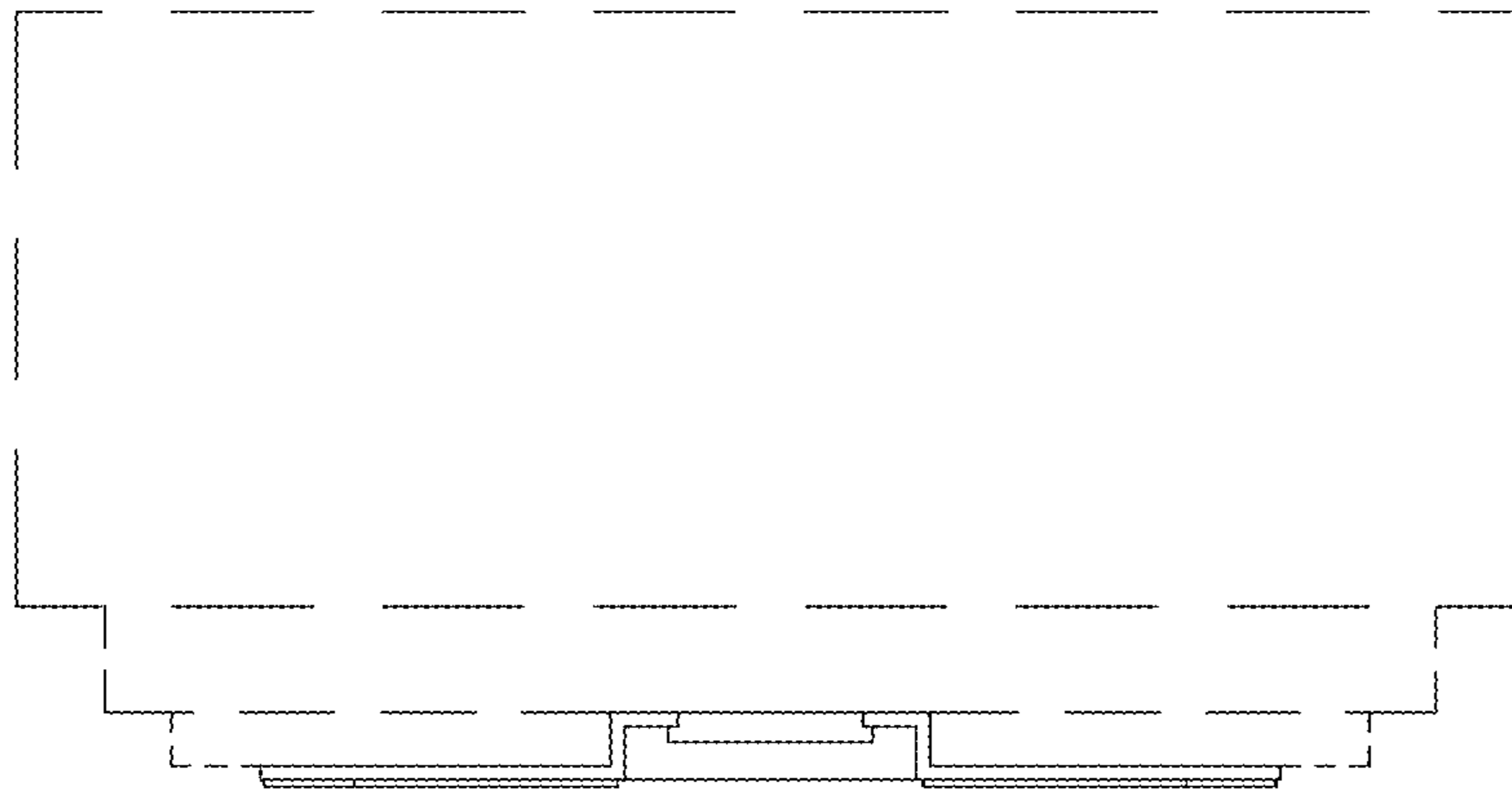


FIG. 7

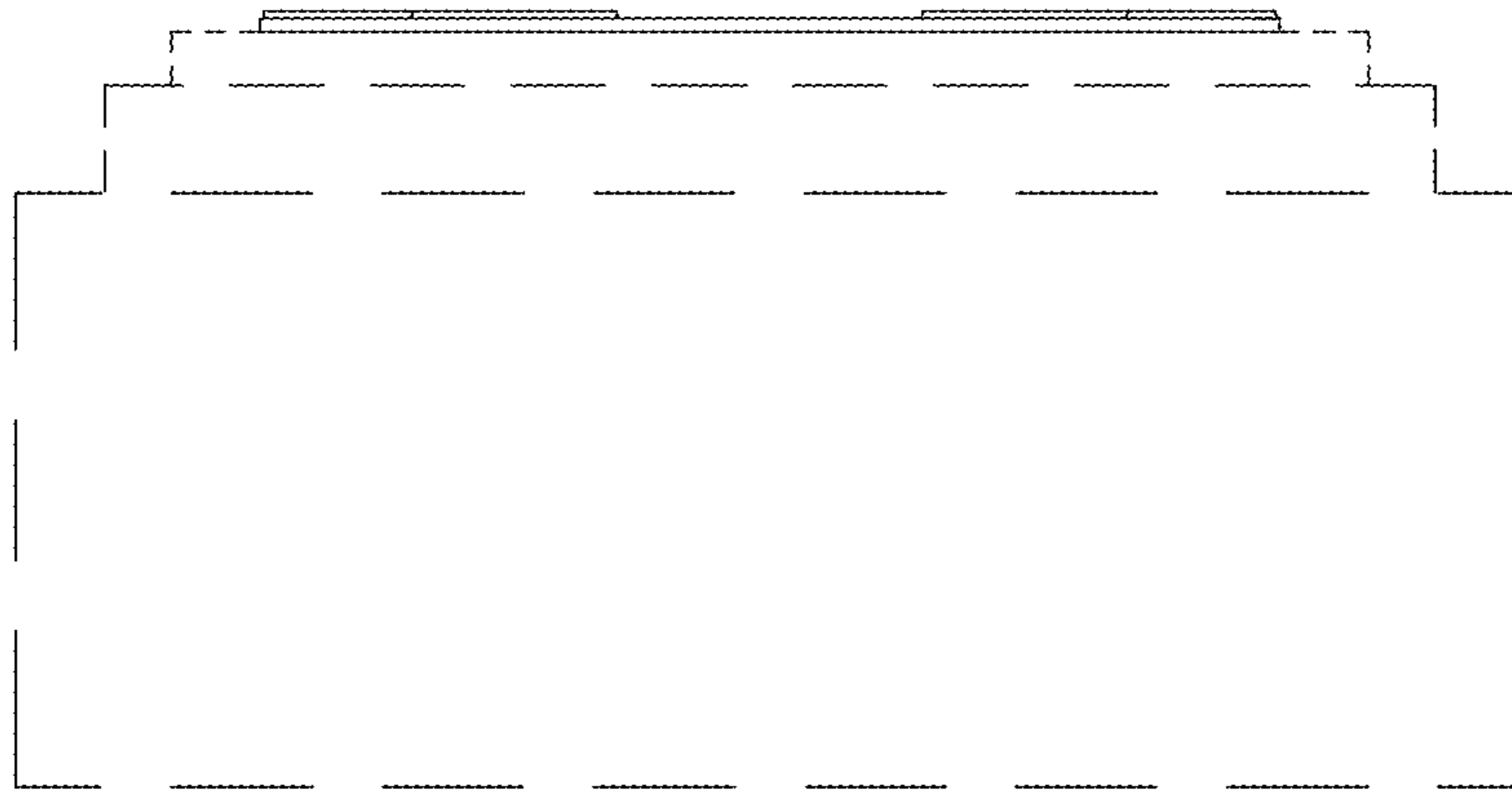


FIG. 8

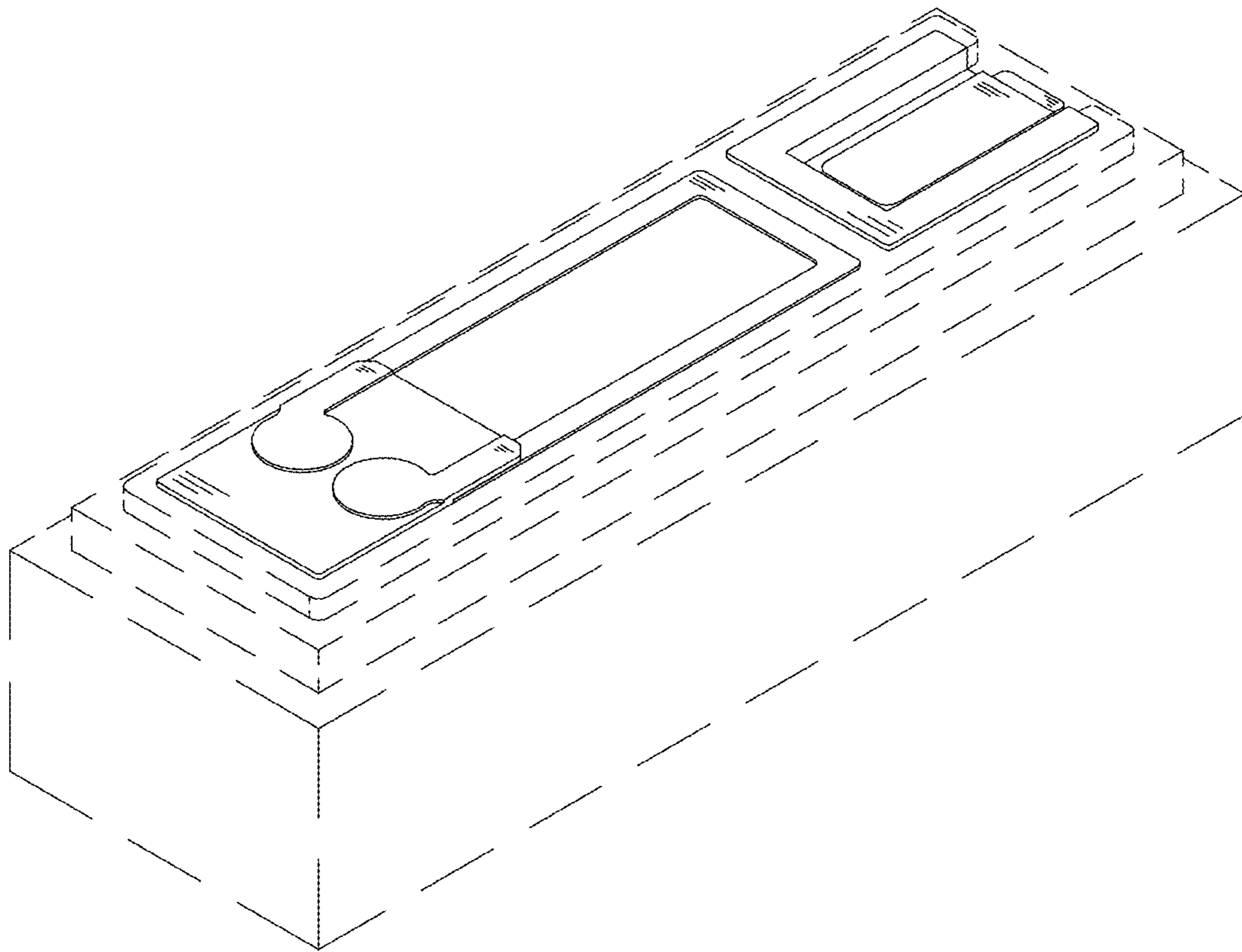


FIG. 9

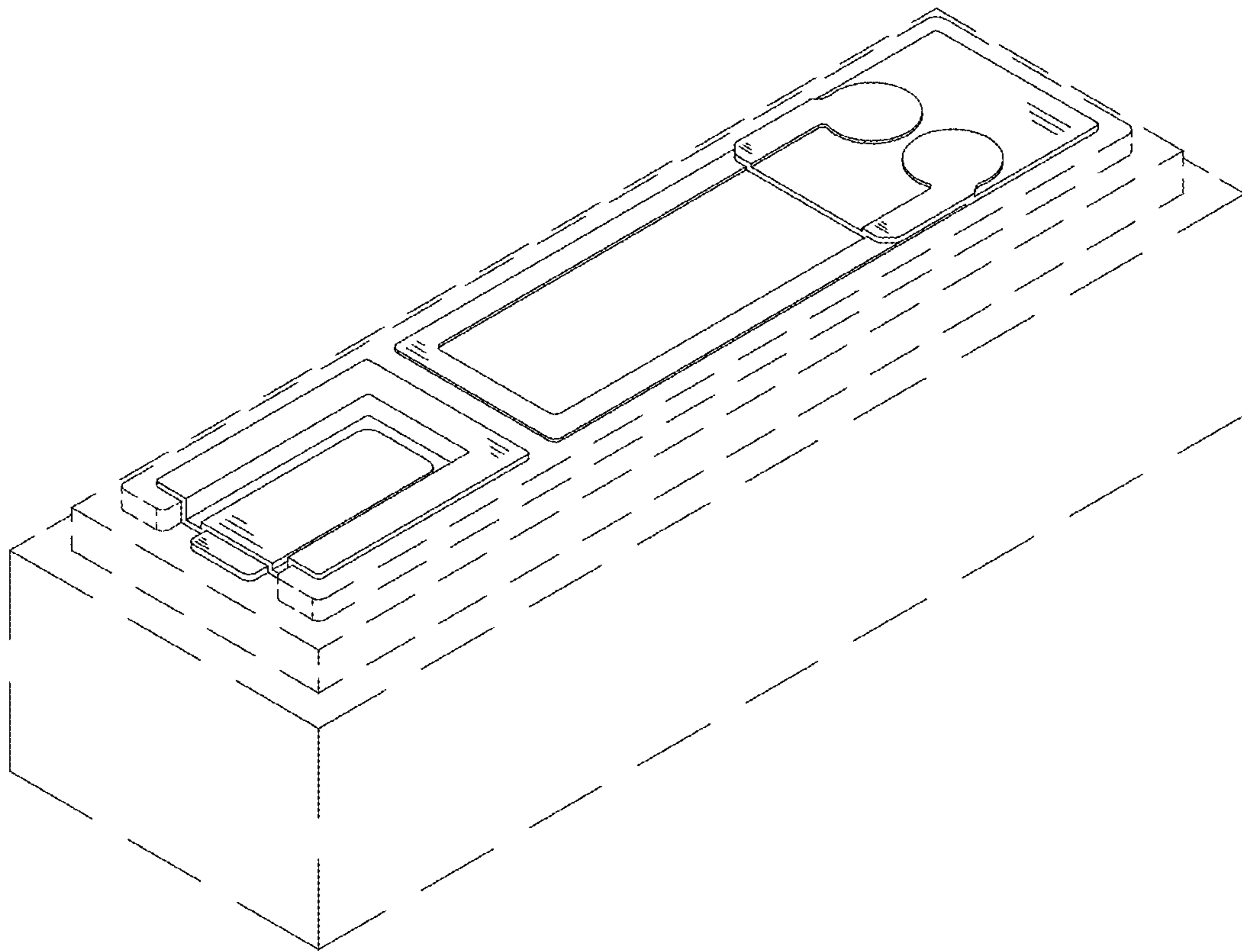


FIG. 10

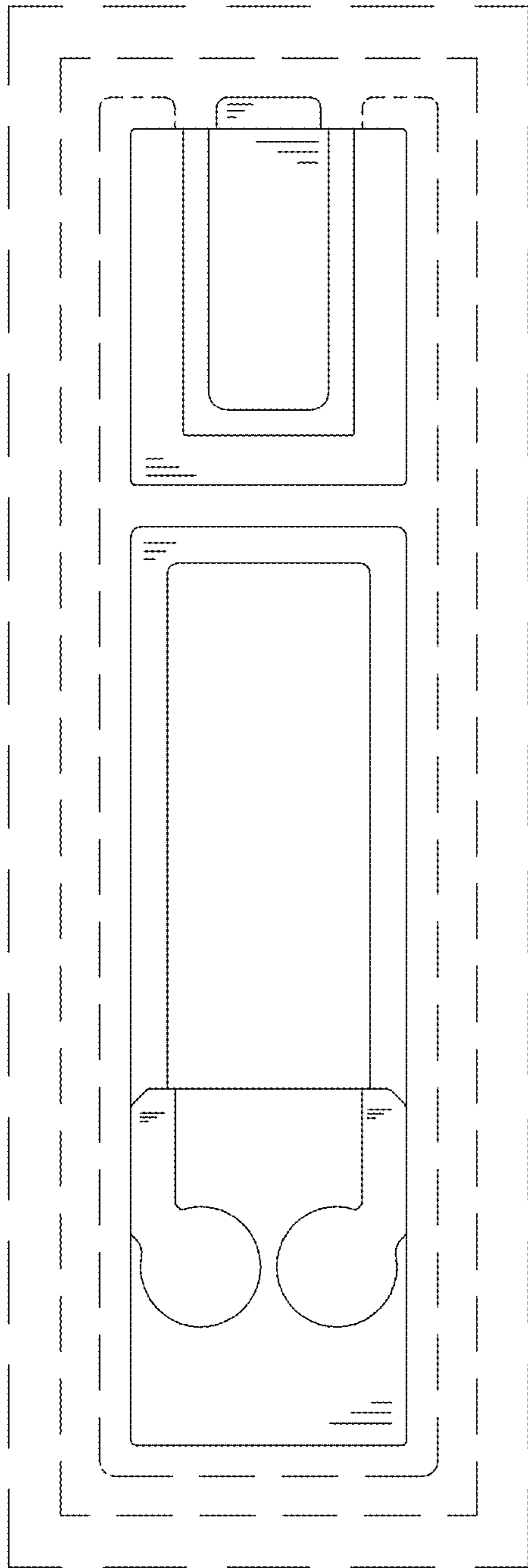


FIG. 11

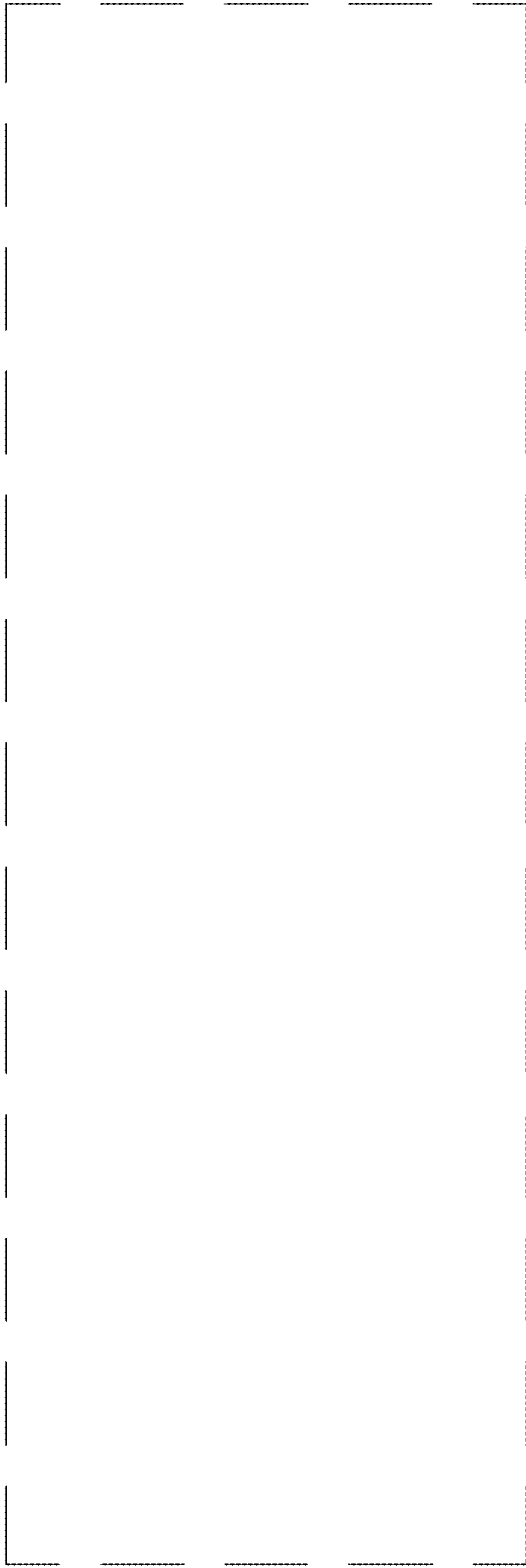


FIG. 12

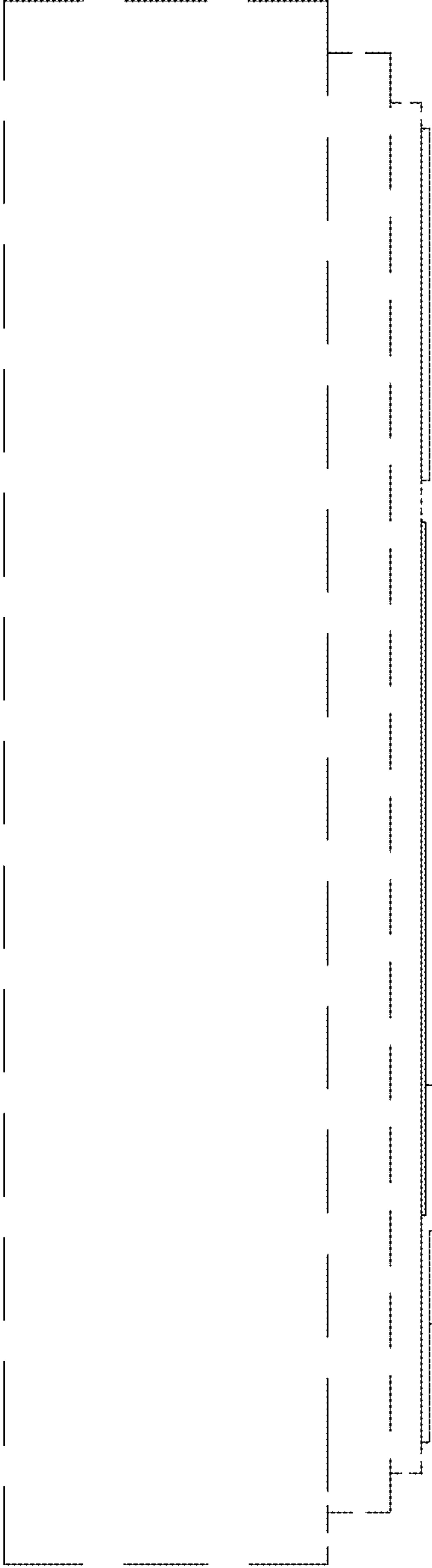


FIG. 13

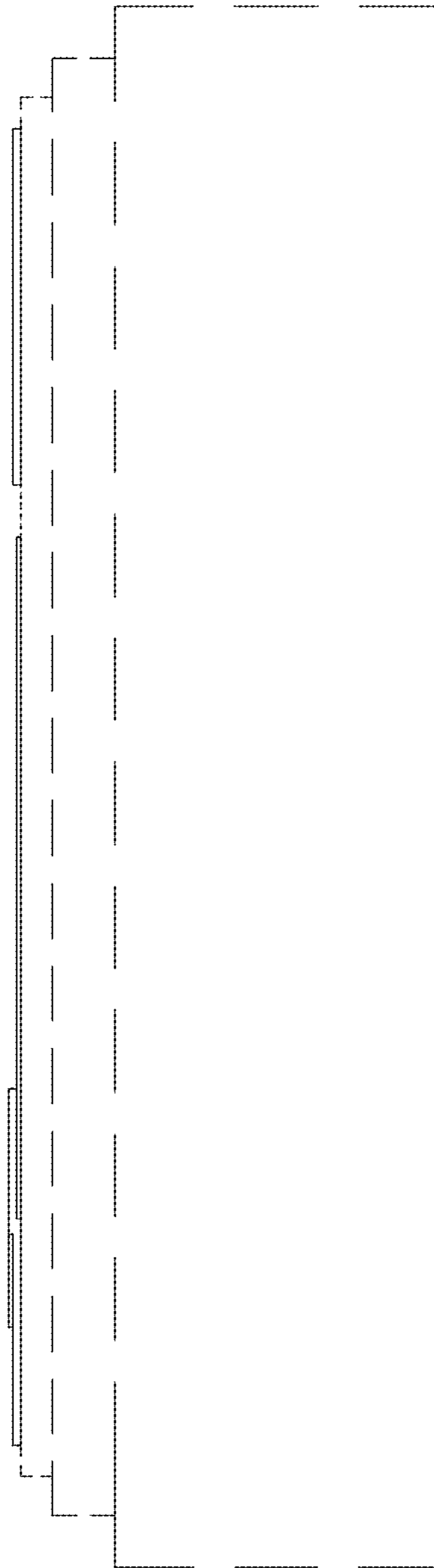


FIG. 14



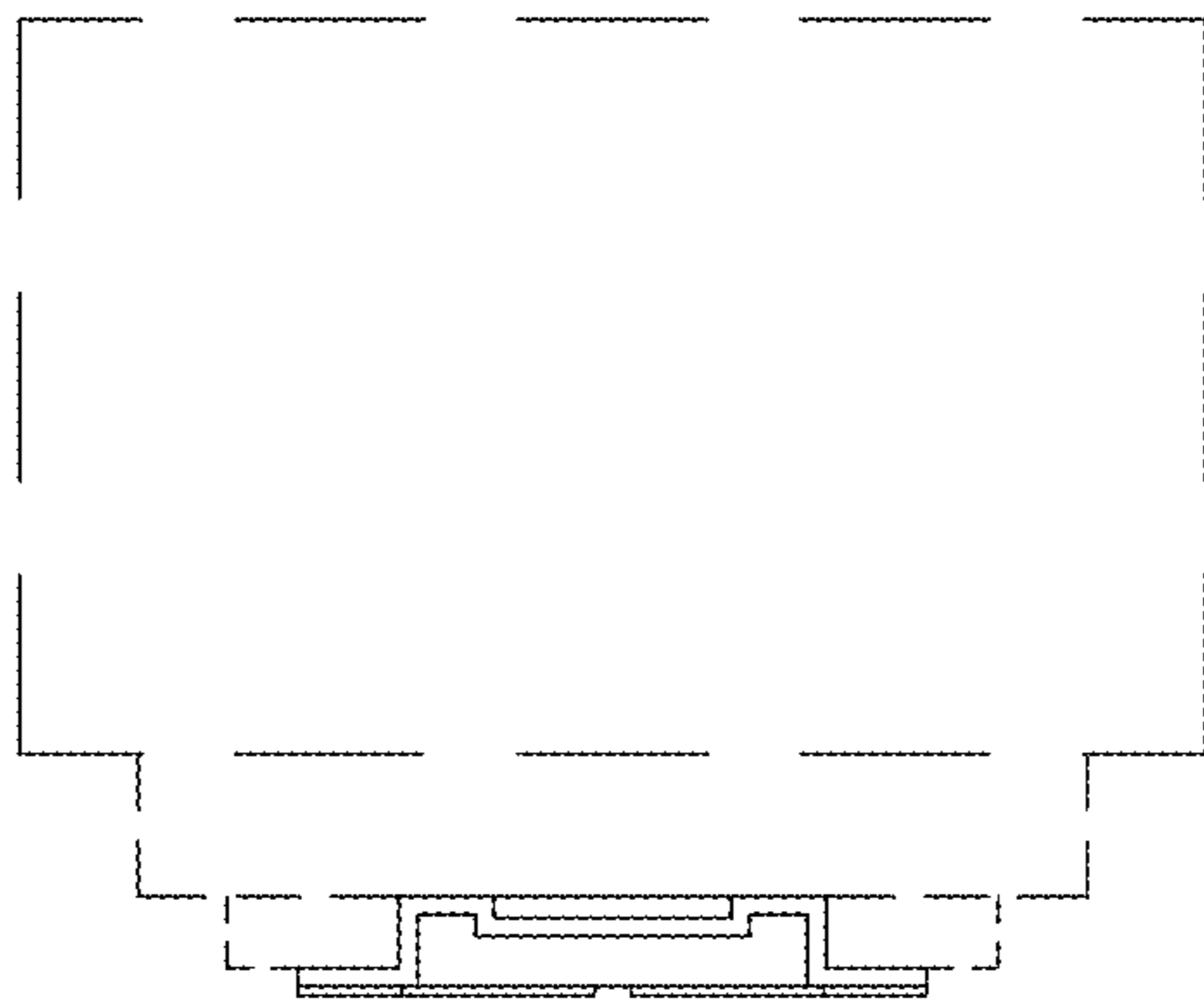


FIG. 15

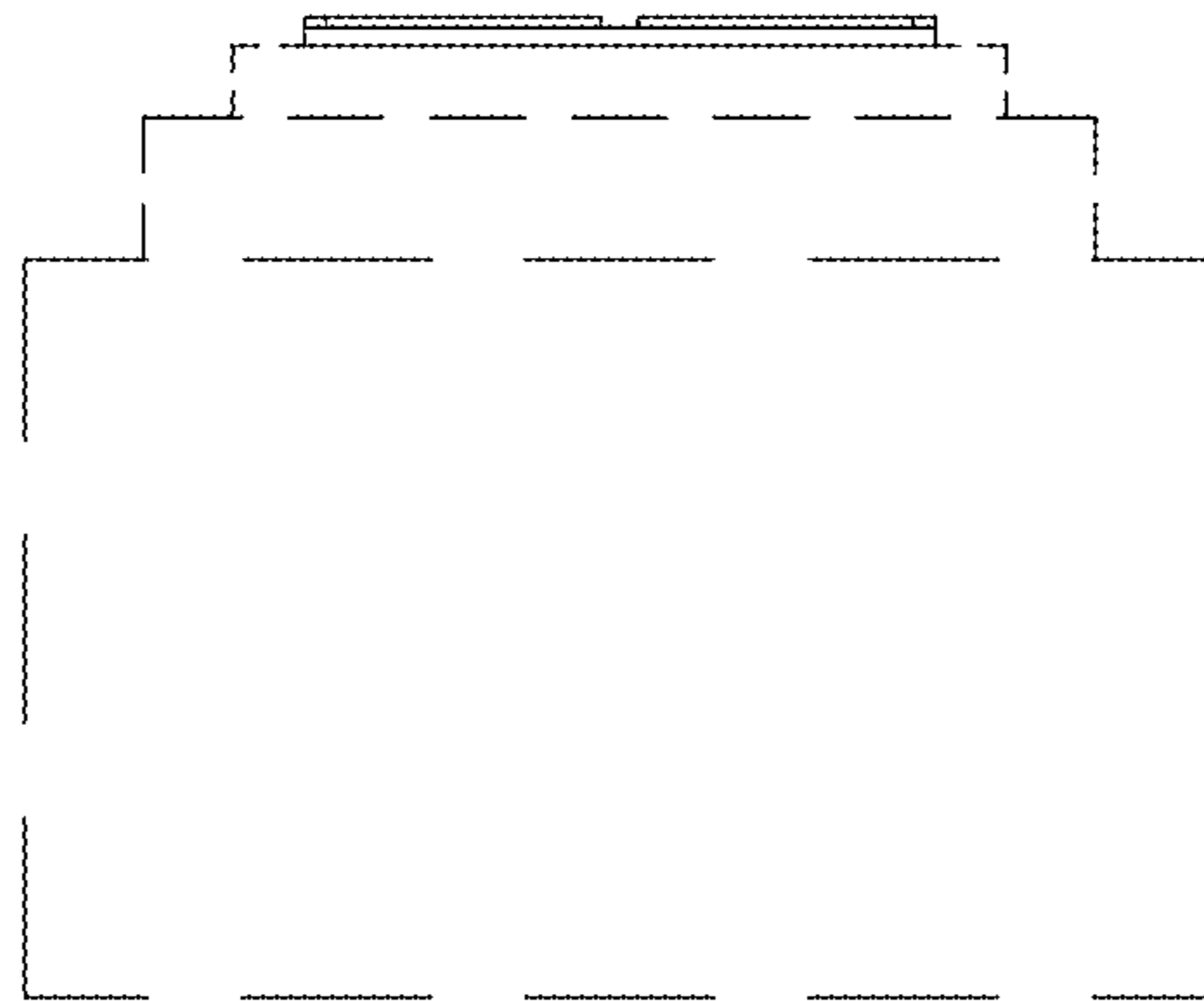


FIG. 16

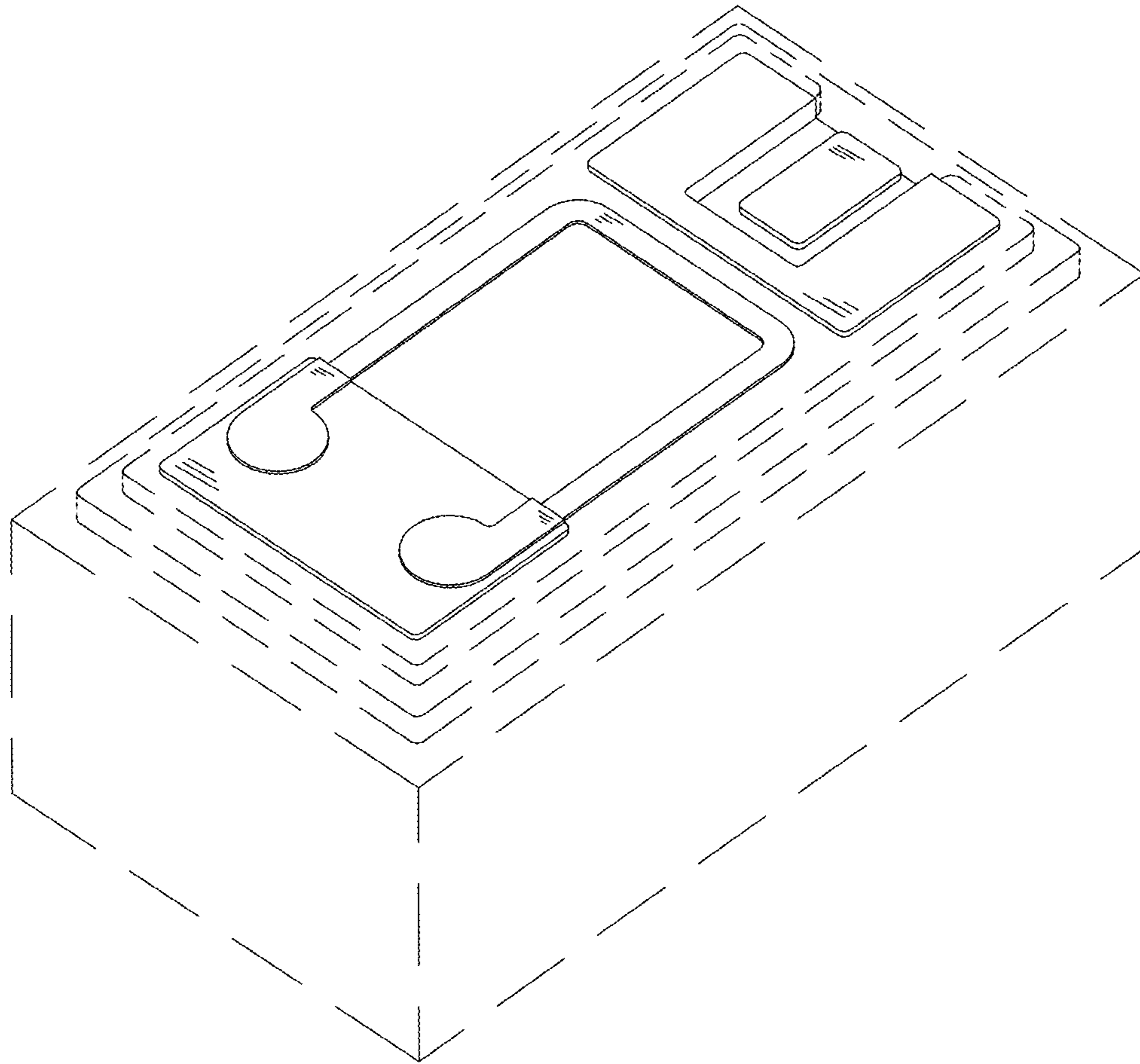


FIG. 17

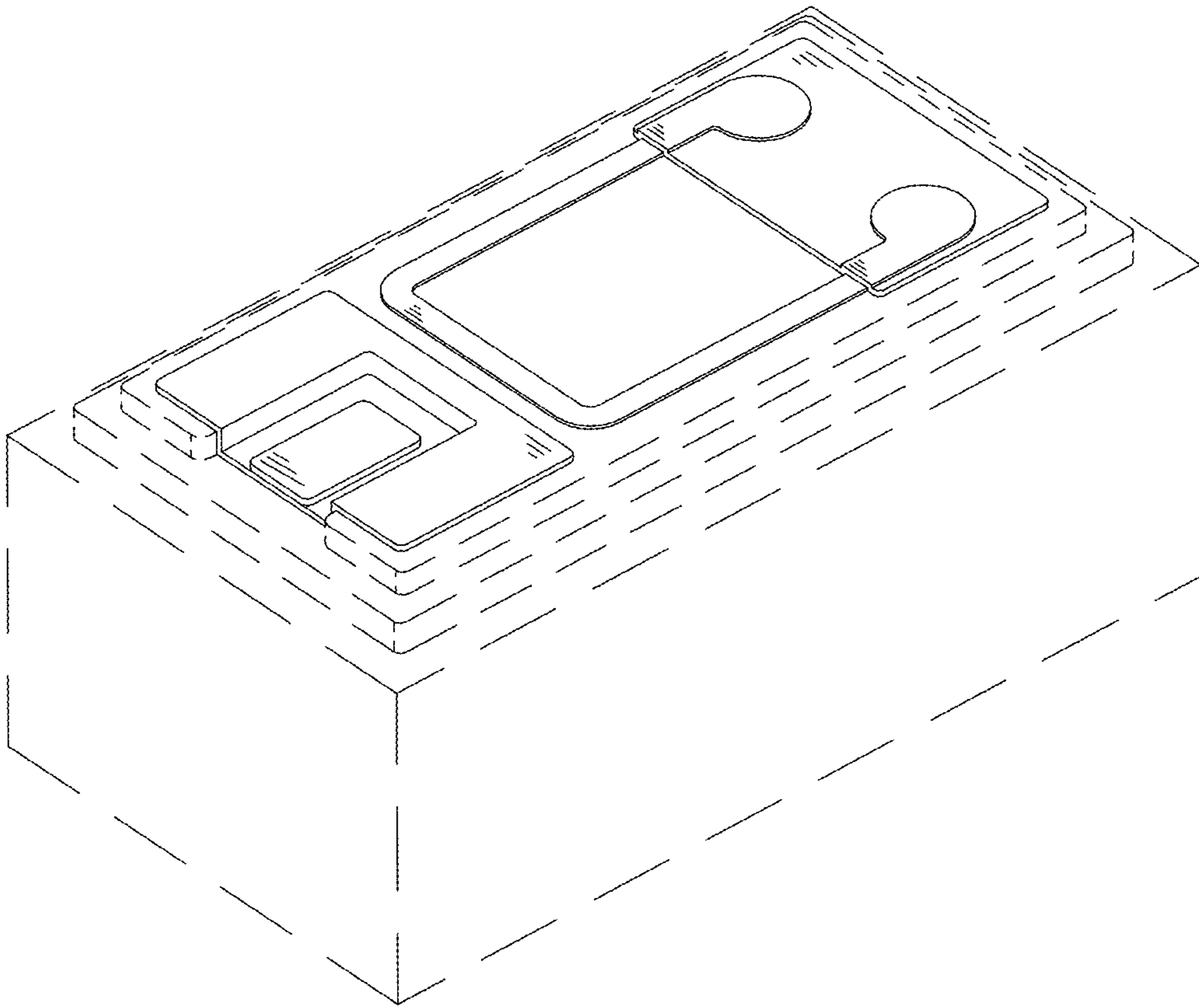


FIG. 18

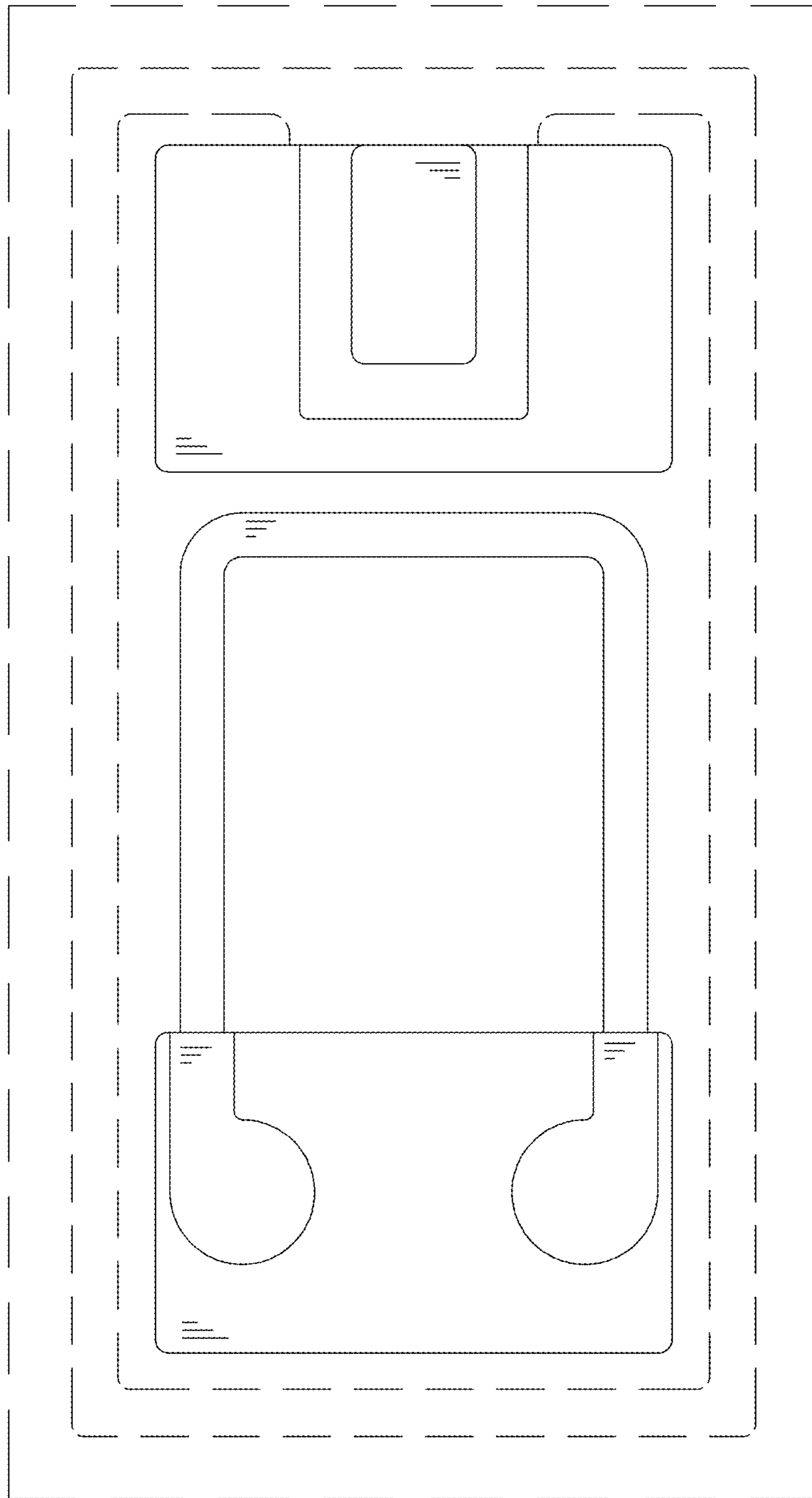


FIG. 19

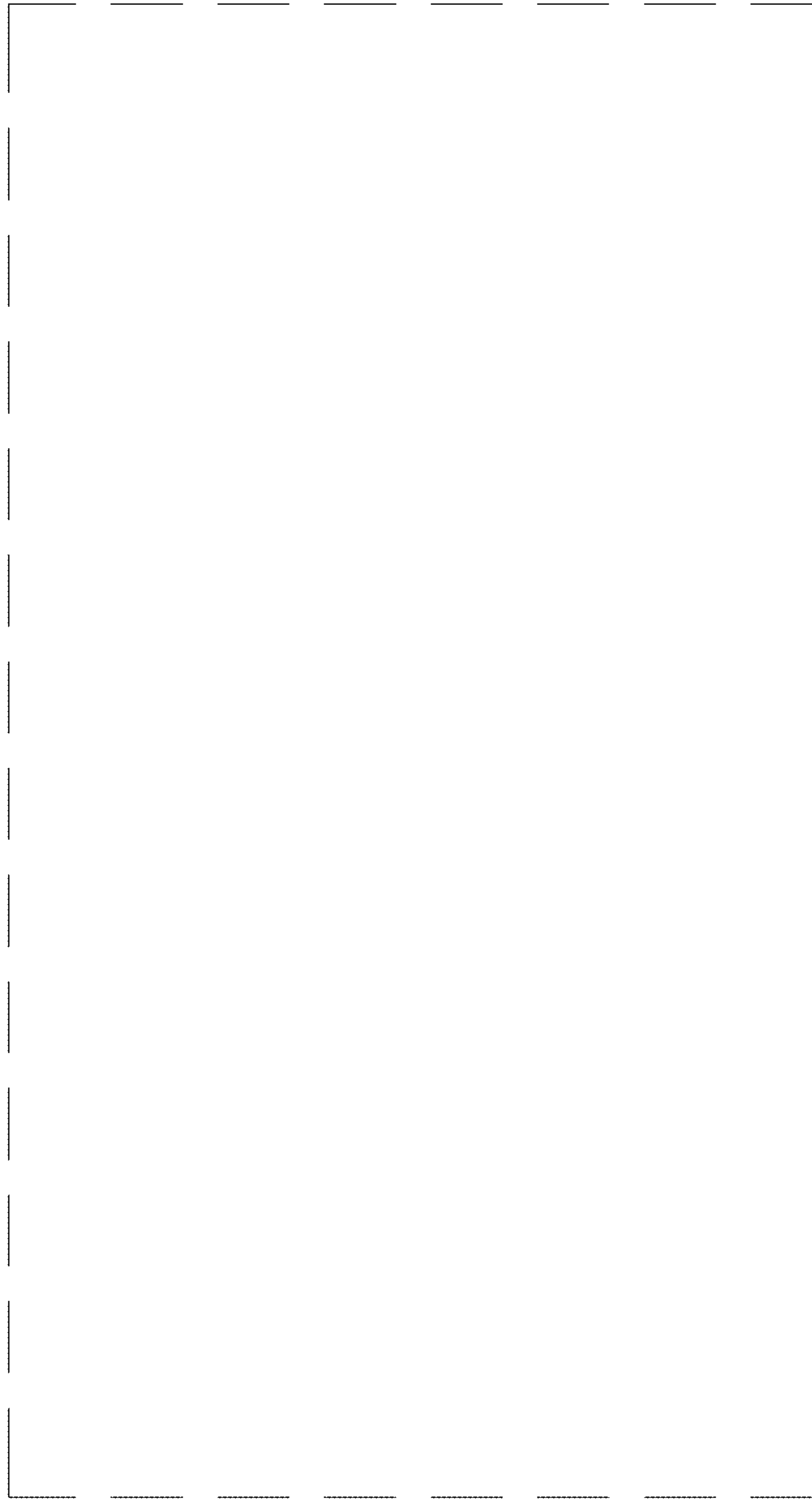


FIG. 20

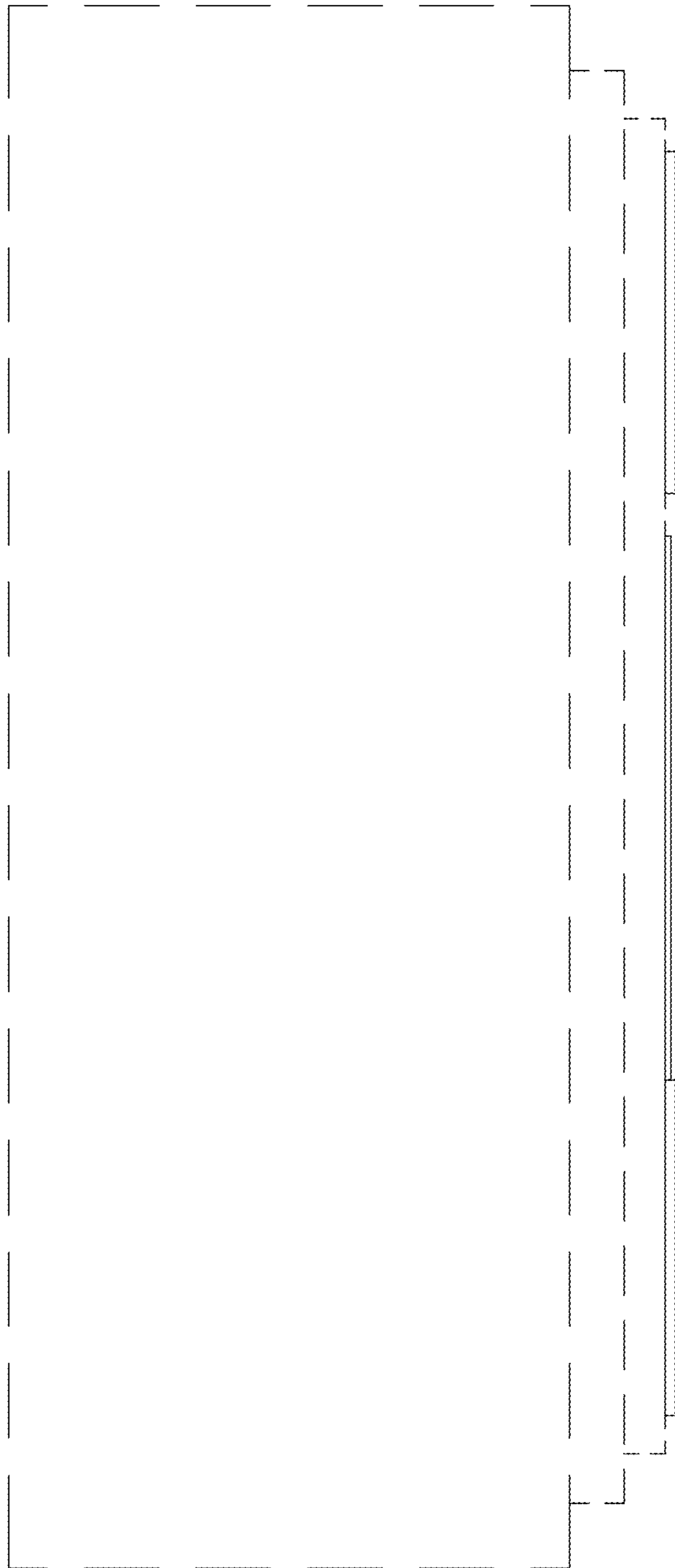


FIG. 21

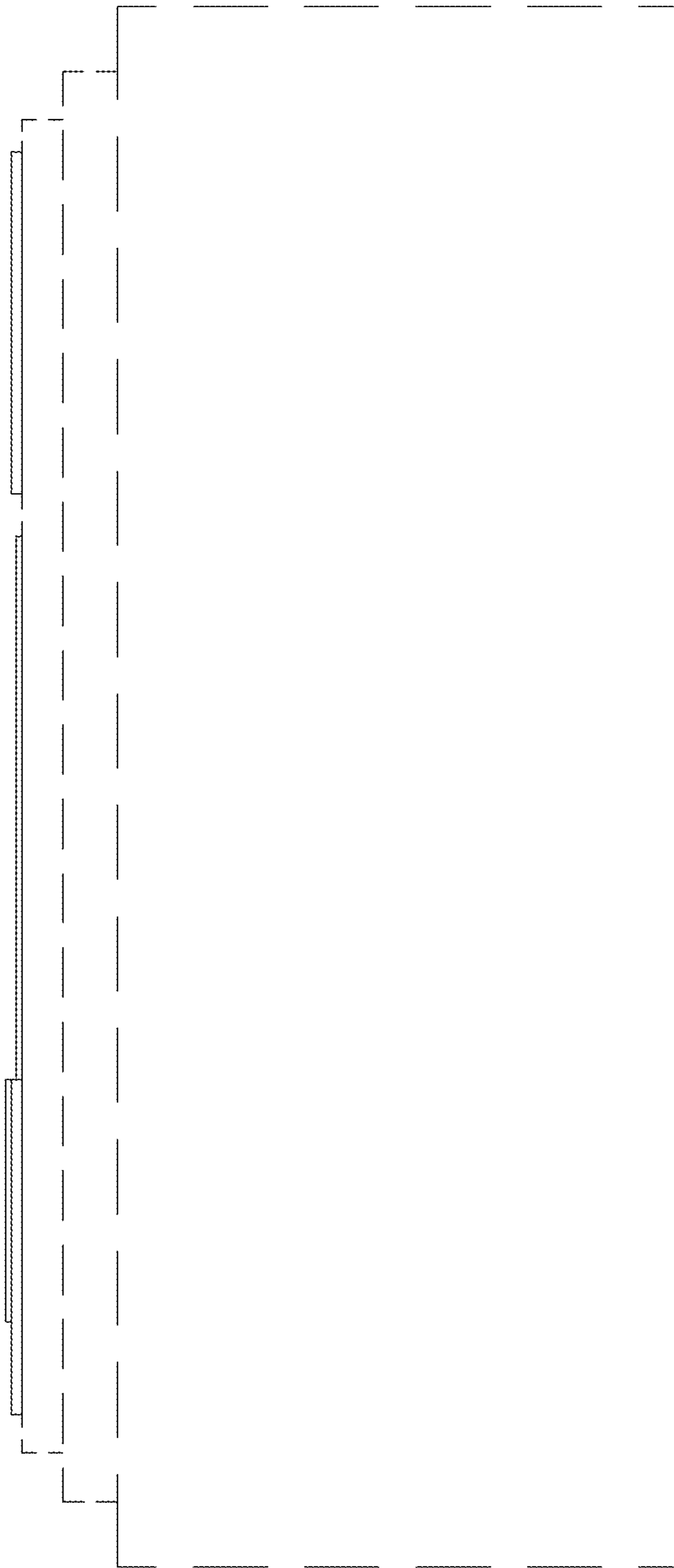


FIG. 22



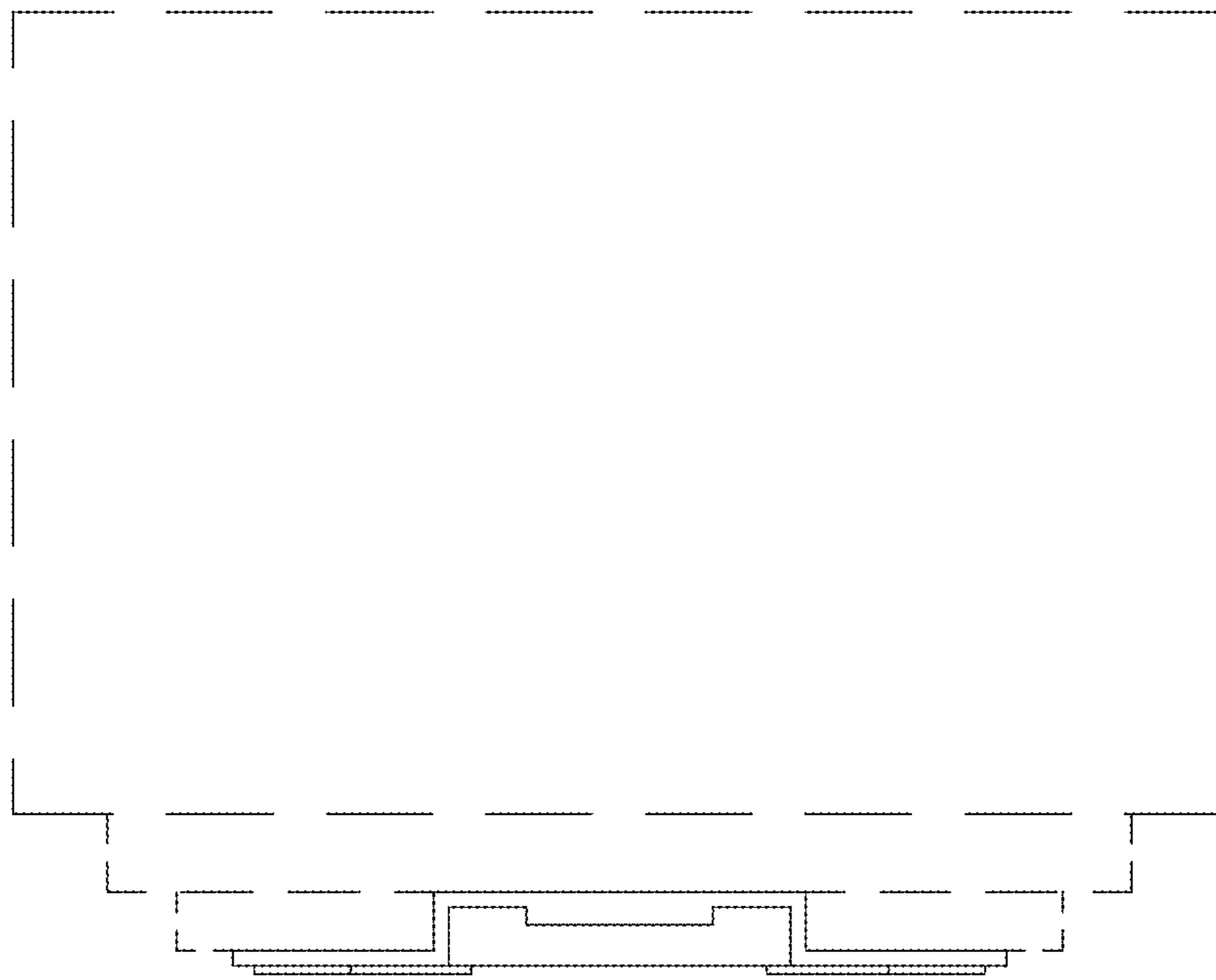


FIG. 23

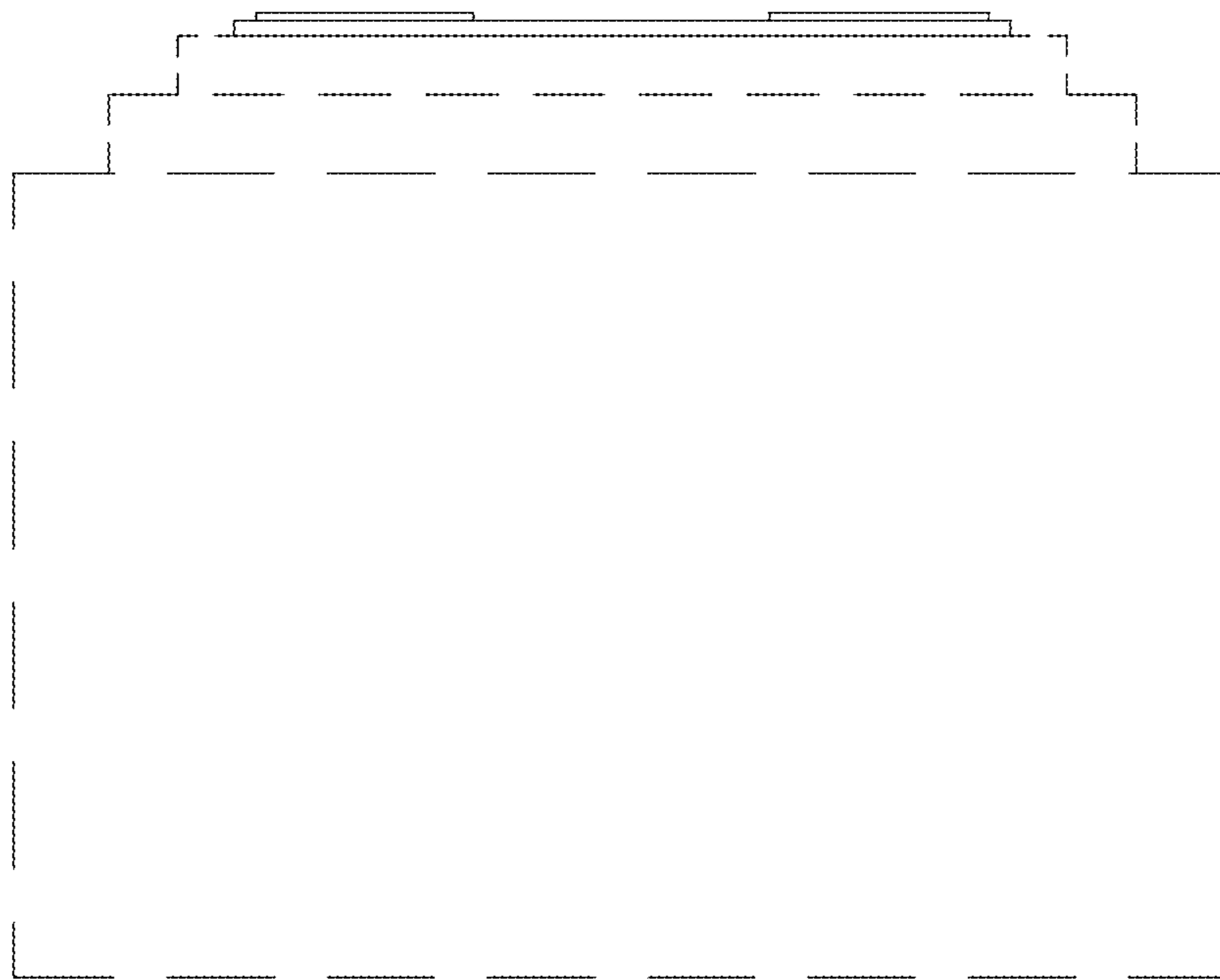


FIG. 24

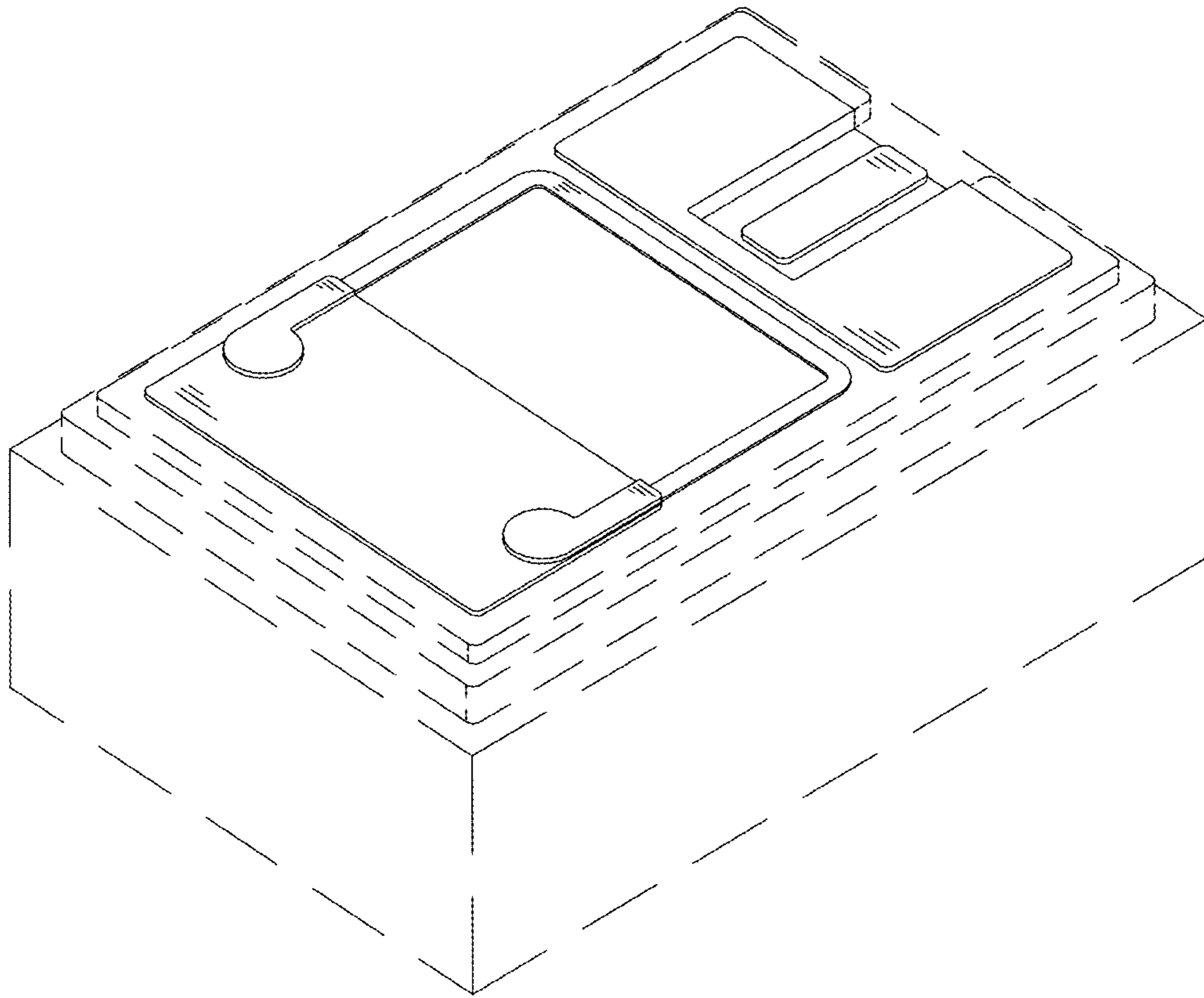


FIG. 25

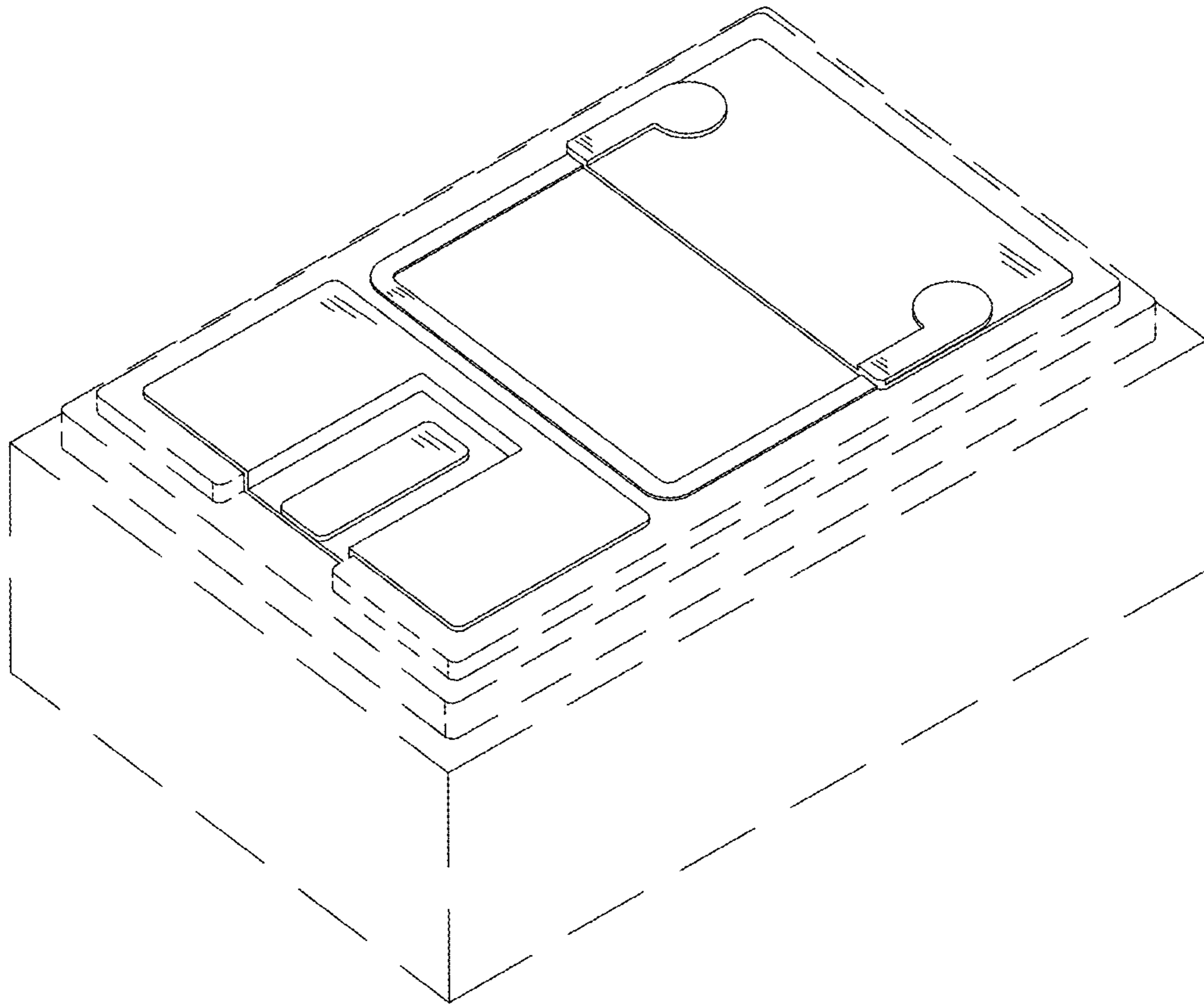


FIG. 26

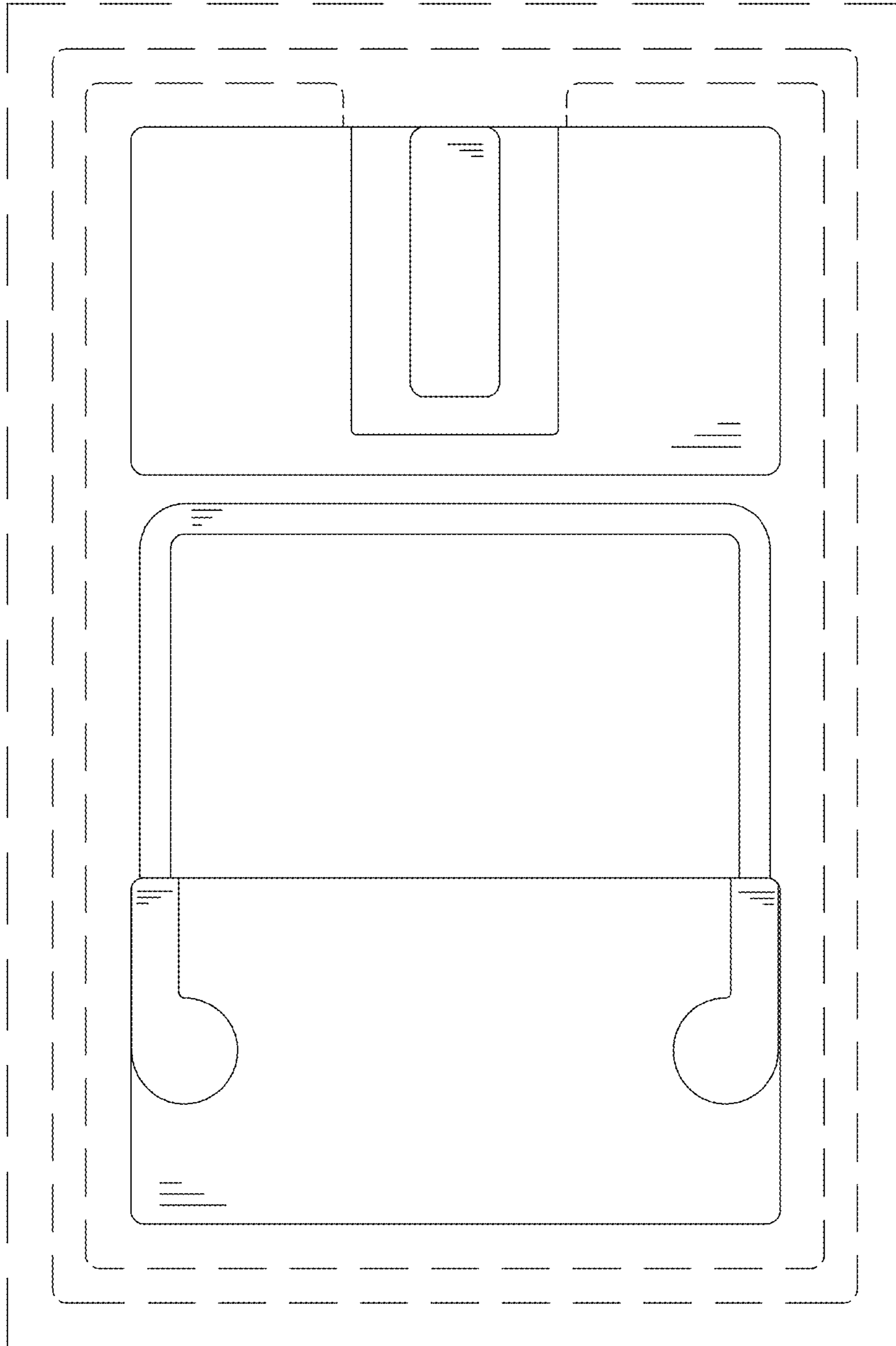


FIG. 27



FIG. 28

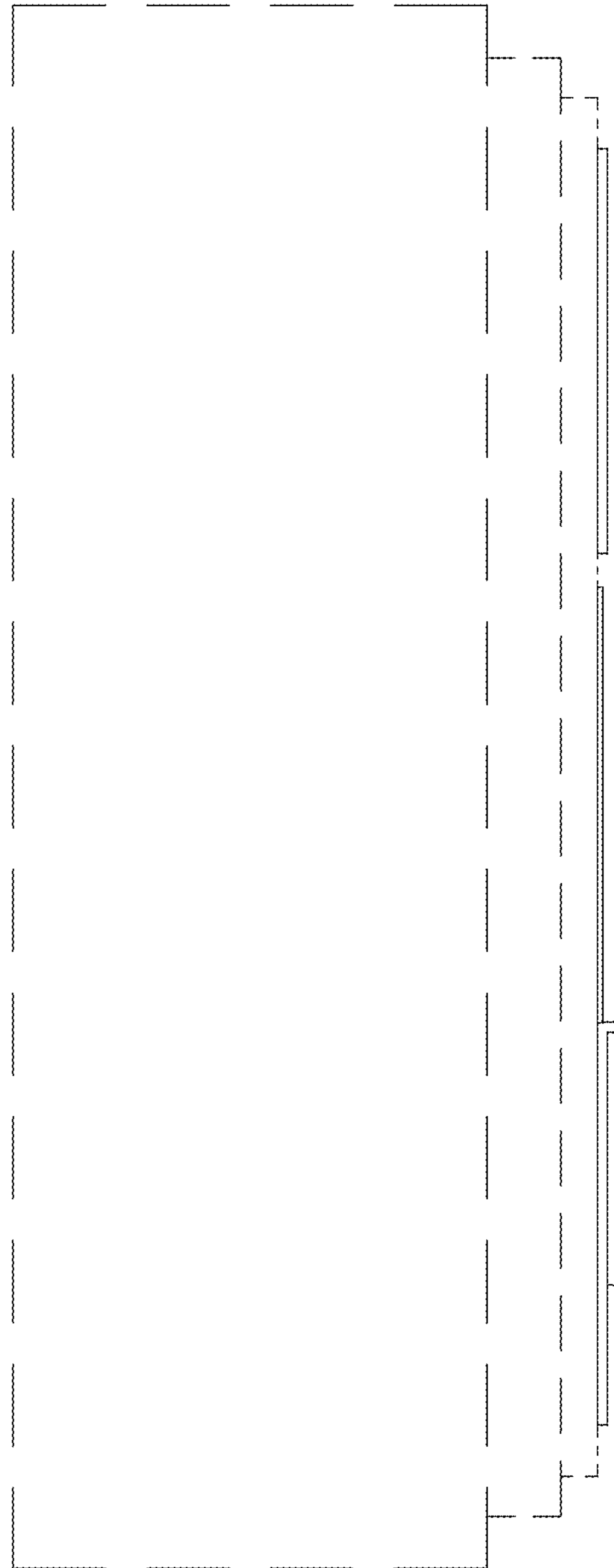


FIG. 29

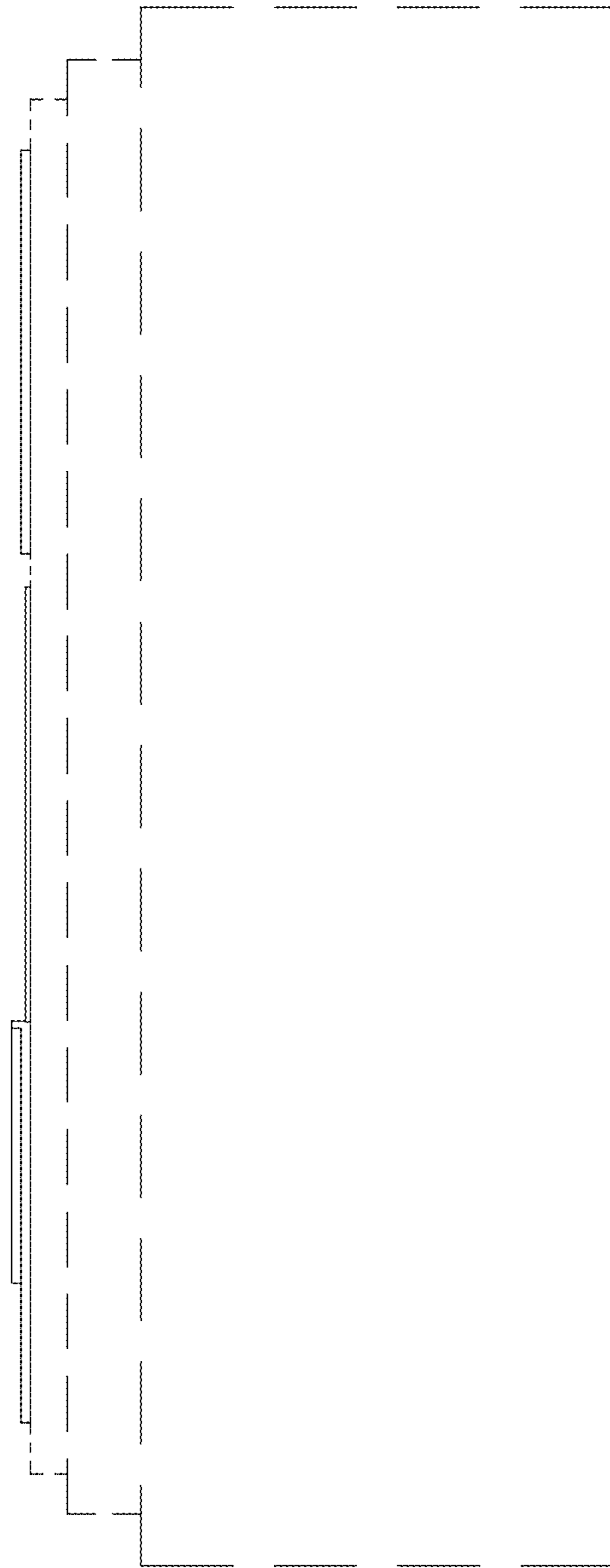


FIG. 30



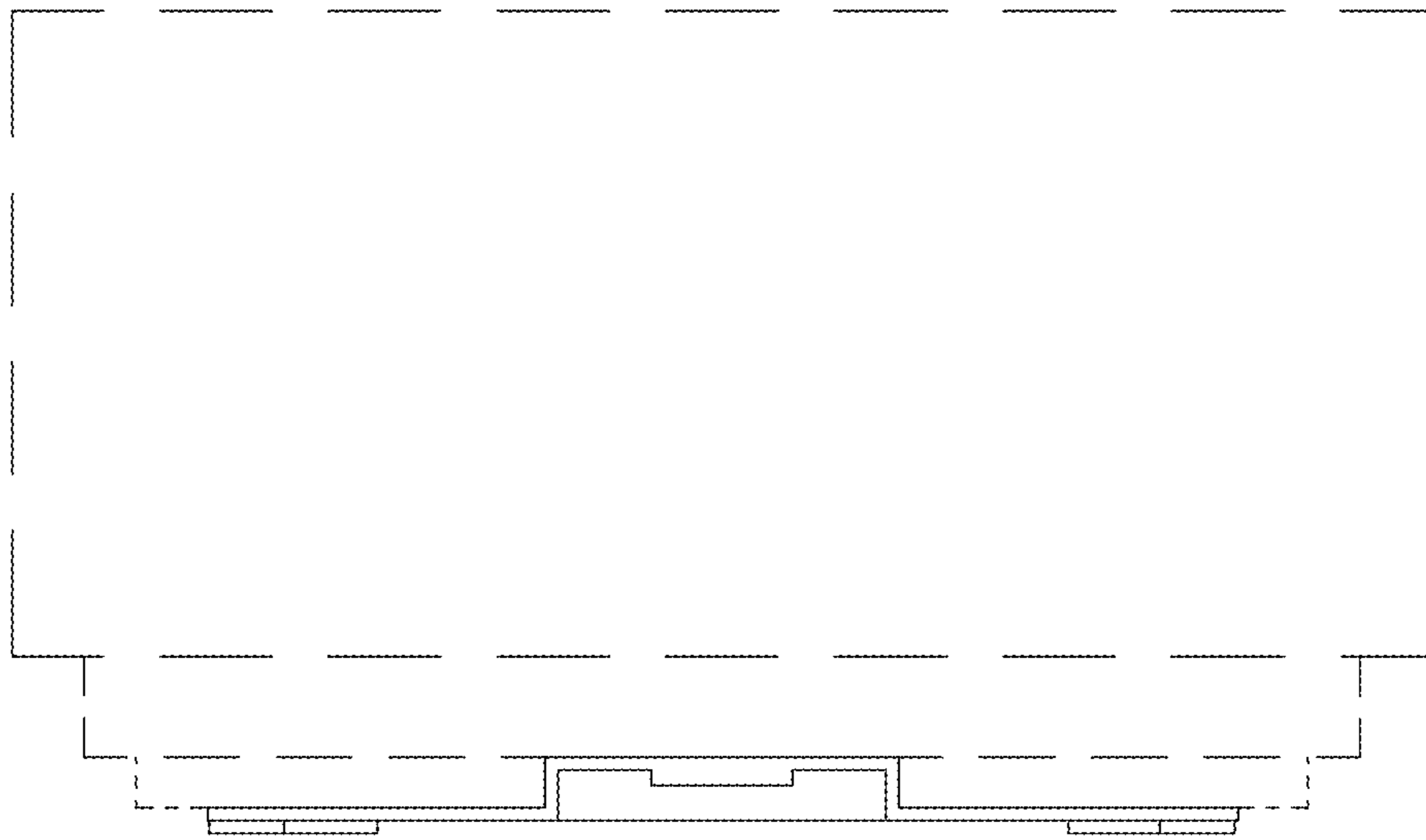


FIG. 31

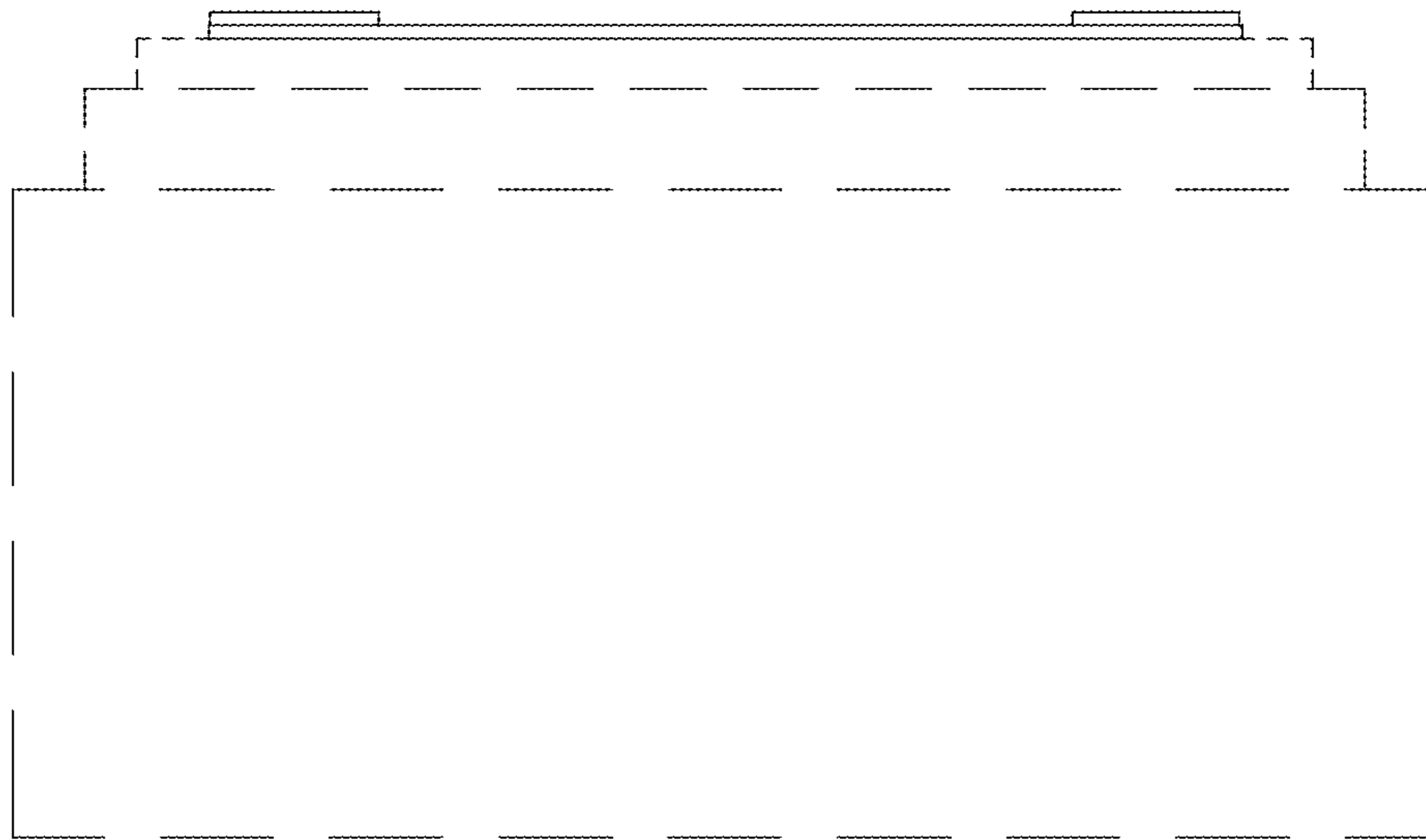


FIG. 32