



US00D861915S

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

(10) **Patent No.:** **US D861,915 S**  
(45) **Date of Patent:** **\*\* Oct. 1, 2019**

- (54) **CASSETTE ASSEMBLY FOR ELECTROPHORESIS GEL**
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- (73) Assignees: **THERMO FISHER SCIENTIFIC BALTICS UAB** (LT); **THERMO FISHER ISRAEL LTD** (IL)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/617,362**
- (22) Filed: **Sep. 13, 2017**
- (51) **LOC (12) Cl.** ..... **24-01**
- (52) **U.S. Cl.**  
USPC ..... **D24/233; D24/224**
- (58) **Field of Classification Search**  
USPC ..... **D24/216, 223-233, 186, 107; D10/81**  
(Continued)

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D24/224

(Continued)

*Primary Examiner* — Anhdao Doan

(57) **CLAIM**

The ornamental design for cassette assembly for electrophoresis gel, as shown and described.

**DESCRIPTION**

FIG. 1 is an exploded front perspective of a cassette assembly for electrophoresis gel

FIG. 2 is a front perspective view of the assembled cassette assembly for electrophoresis gel, of FIG. 1;  
 FIG. 3 is a back perspective view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 4 is a front view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 5 is a back view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 6 is a right side view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 7 is a left side view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 8 is a top view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 9 is a bottom view of the cassette assembly for electrophoresis gel, of FIG. 2;  
 FIG. 10 is an exploded front perspective view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 1;  
 FIG. 11 is a front perspective view of the top and bottom plates of the assembled cassette assembly for electrophoresis gel, of FIG. 10;  
 FIG. 12 is a back perspective view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 13 is a front view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 14 is a back view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 15 is a right side view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 16 is a left side view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 17 is a top view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 18 is a bottom view of the top and bottom plates of the cassette assembly for electrophoresis gel, of FIG. 11;  
 FIG. 19 is an exploded front perspective view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 1;  
 FIG. 20 is a front perspective view of the top plate and comb of the assembled cassette assembly for electrophoresis gel, of FIG. 19;

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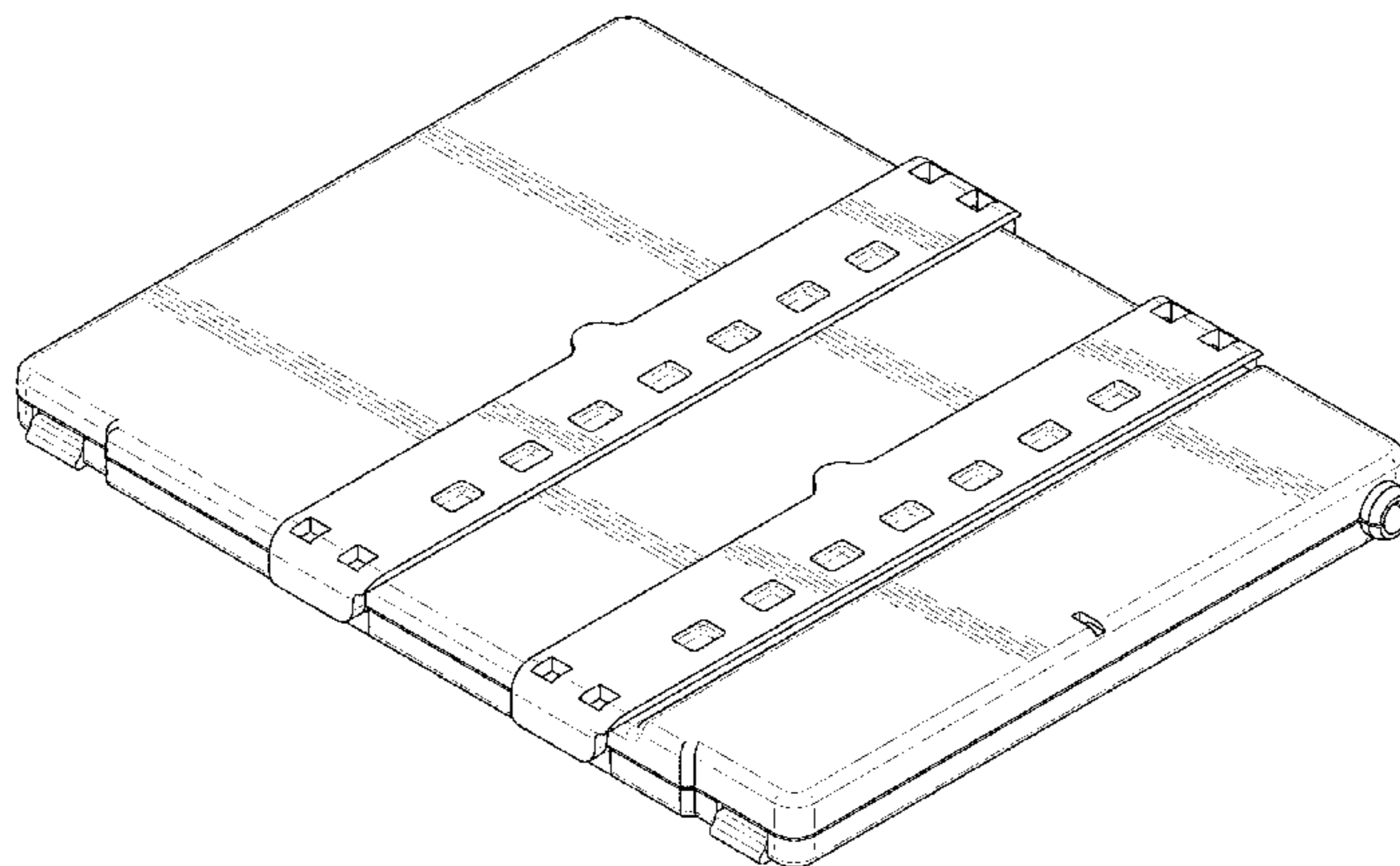


FIG. 21 is a back perspective view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 22 is a front view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 23 is a back view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 24 is a right side view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 25 is a left side view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 26 is a top view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 27 is a bottom view of the top plate and comb of the cassette assembly for electrophoresis gel, of FIG. 20; FIG. 28 is a front perspective view of the comb of the cassette assembly for electrophoresis gel, of FIG. 1; FIG. 29 is a back perspective view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 30 is a front view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 31 is a back view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 32 is a right side view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 33 is a left side view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 34 is a top view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 35 is a bottom view of the comb of the cassette assembly for electrophoresis gel, of FIG. 28; FIG. 36 is a front perspective view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 1; FIG. 37 is a back perspective view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36; FIG. 38 is a front view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36; FIG. 39 is a back view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36; FIG. 40 is a right side view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36; FIG. 41 is a left side view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36; FIG. 42 is a top view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36; FIG. 43 is a bottom view of the top plate of the cassette assembly for electrophoresis gel, of FIG. 36;

FIG. 44 is a front perspective view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 1; FIG. 45 is a back perspective view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44; FIG. 46 is a front view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44; FIG. 47 is a back view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44; FIG. 48 is a right side view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44; FIG. 49 is a left side view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44; FIG. 50 is a top view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44; and, FIG. 51 is a bottom view of the bottom plate of the cassette assembly for electrophoresis gel, of FIG. 44.

**1 Claim, 50 Drawing Sheets**

(58) **Field of Classification Search**

CPC .... B01L 3/5027; B01L 3/502707; B01L 9/52; B01L 9/523; B01L 9/527; B01L 2300/0609; B01L 2300/0809; B01L 2300/0877; B01L 2200/027; G01N 27/447; G01N 27/44704; G01N 27/44756; G01N 27/44747; C07K 1/26  
See application file for complete search history.

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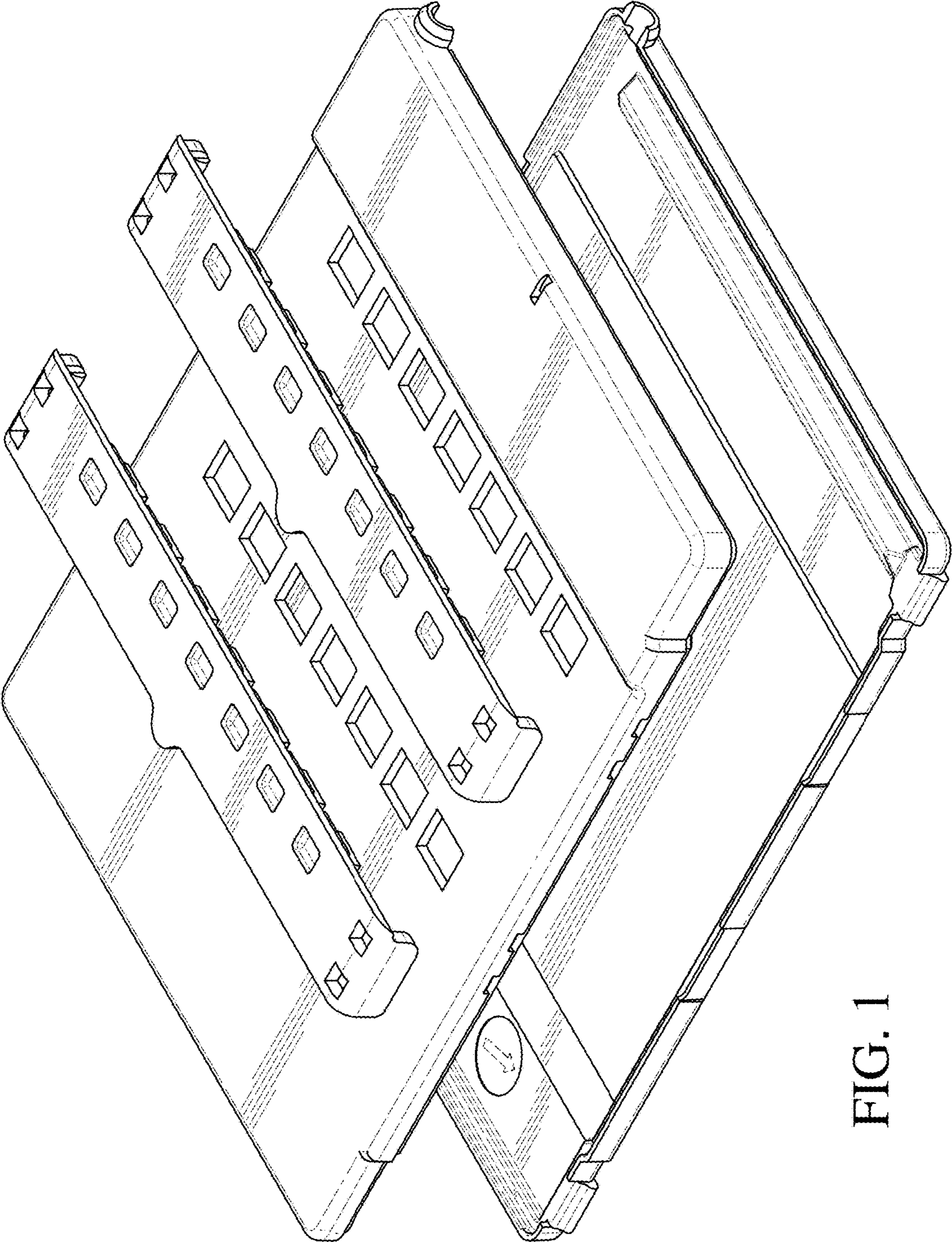


FIG. 1

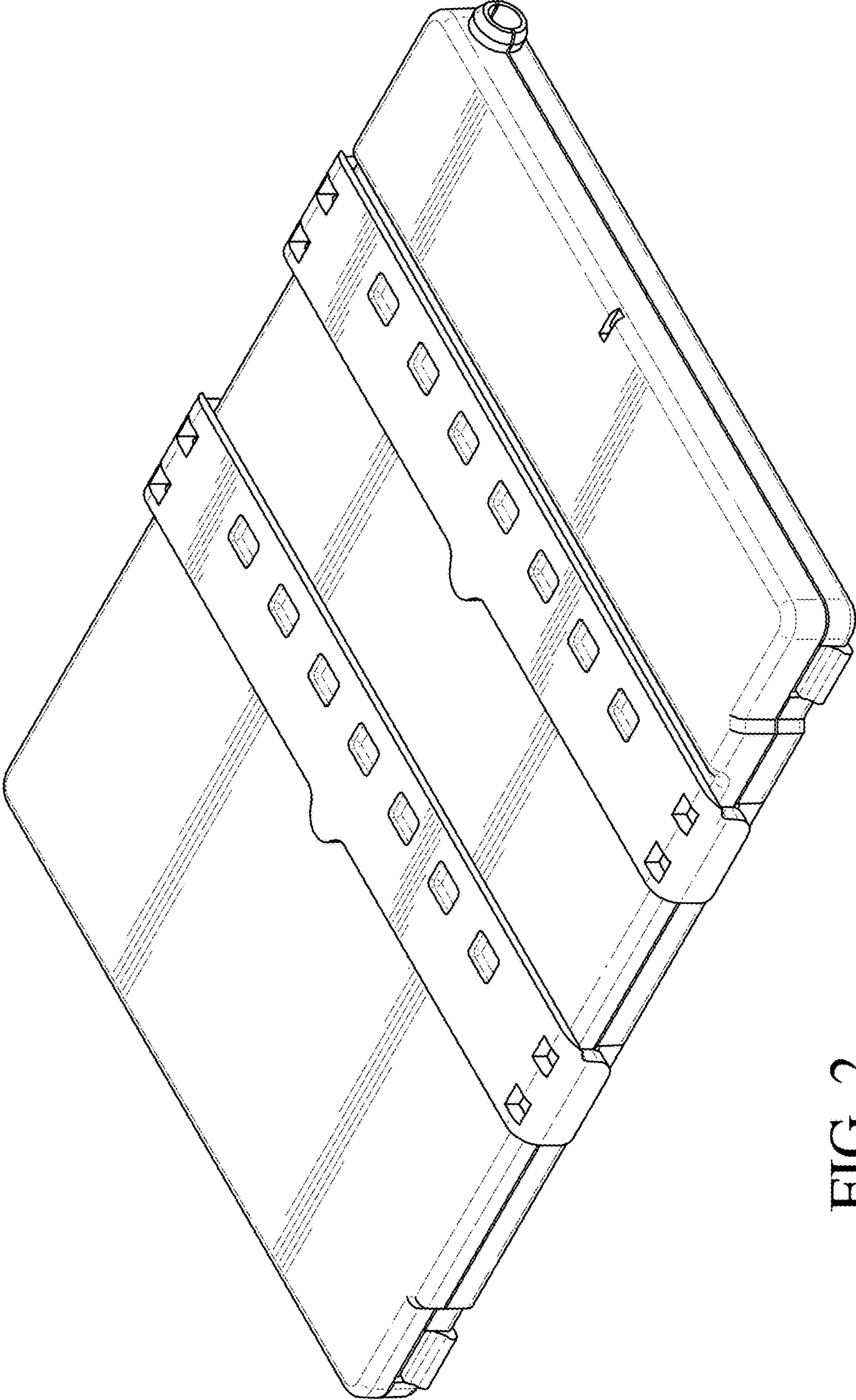


FIG. 2

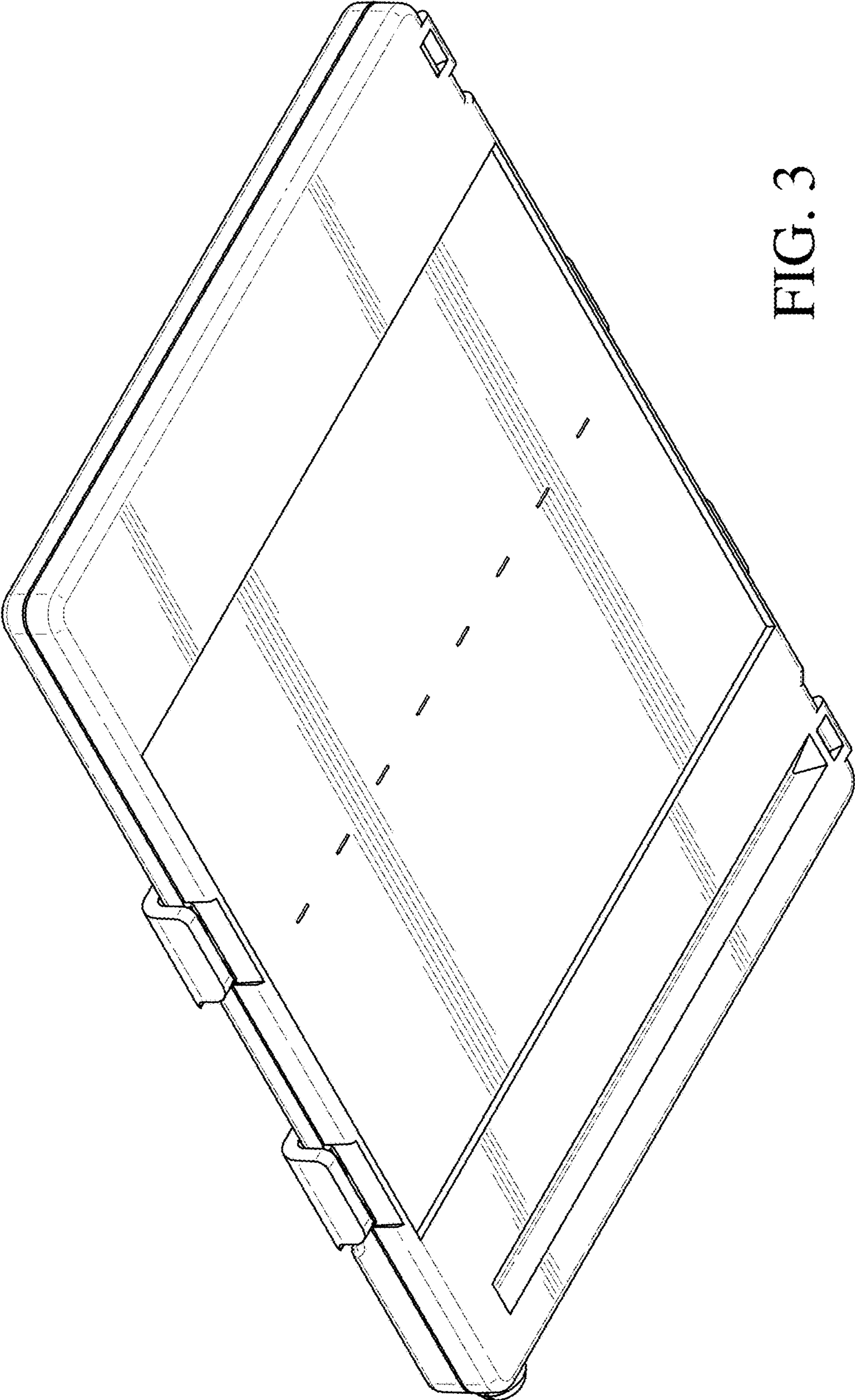


FIG. 3

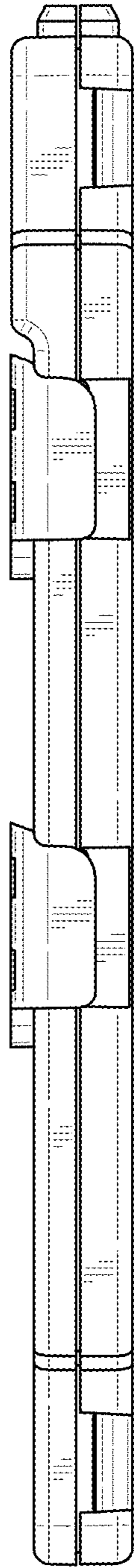


FIG. 4

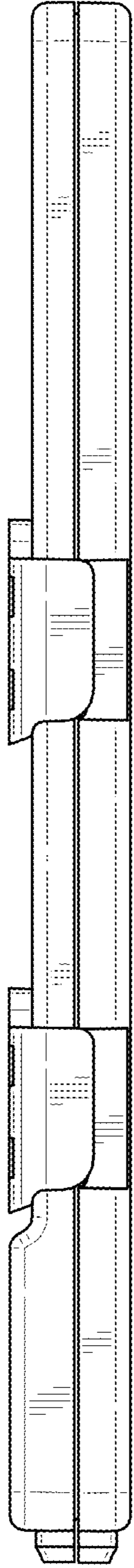


FIG. 5

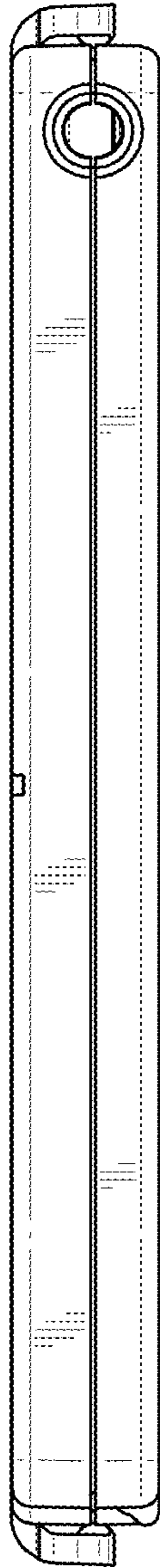


FIG. 6



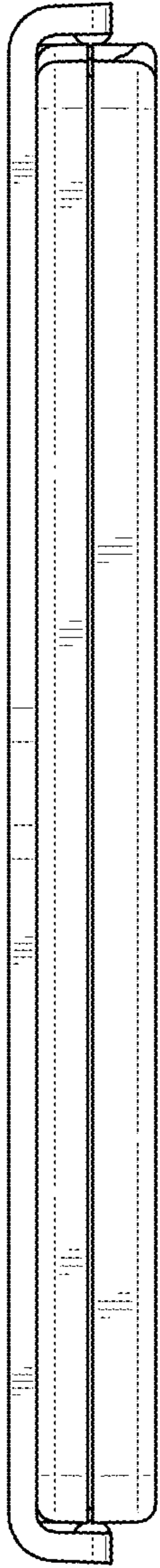


FIG. 7

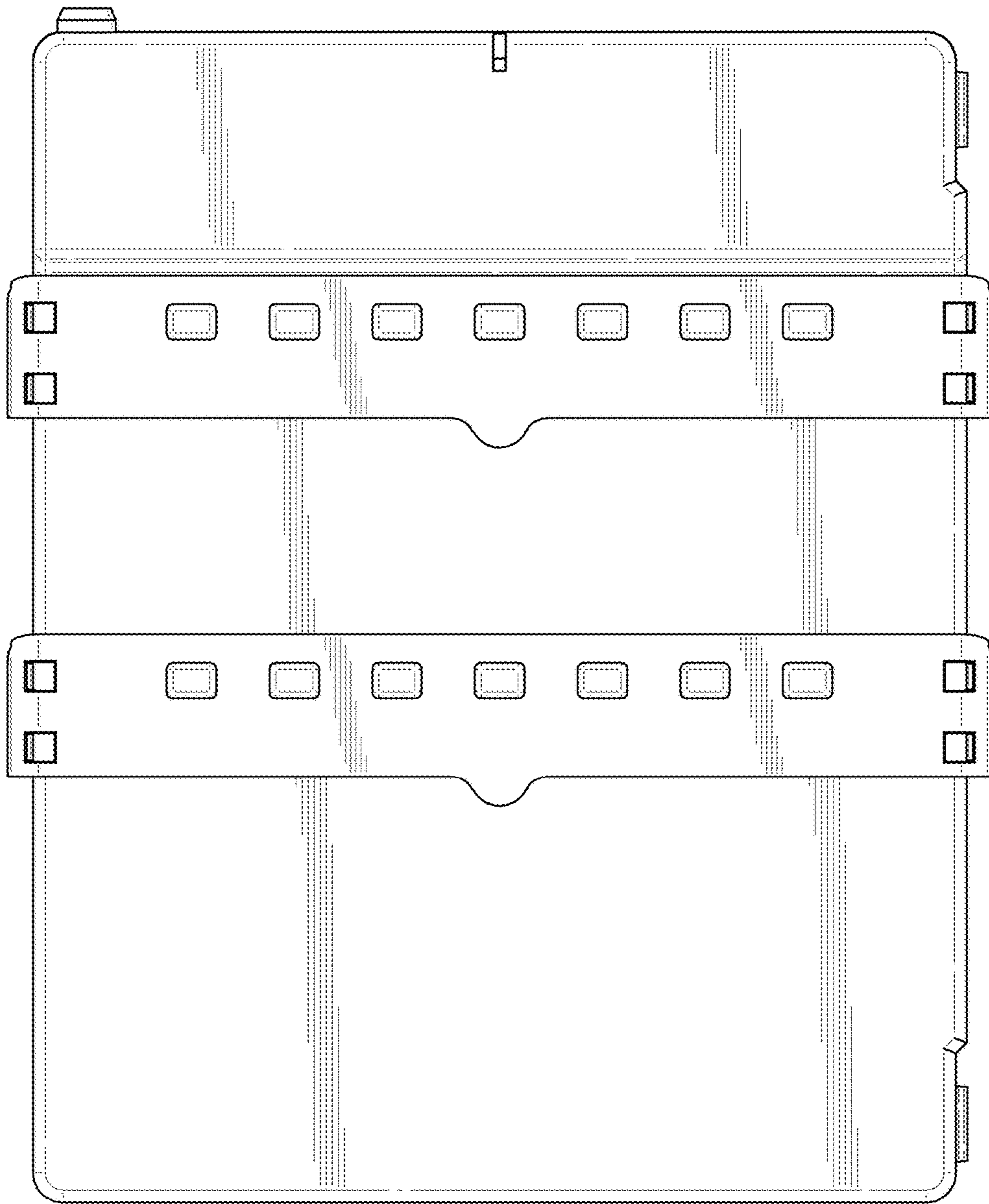


FIG. 8

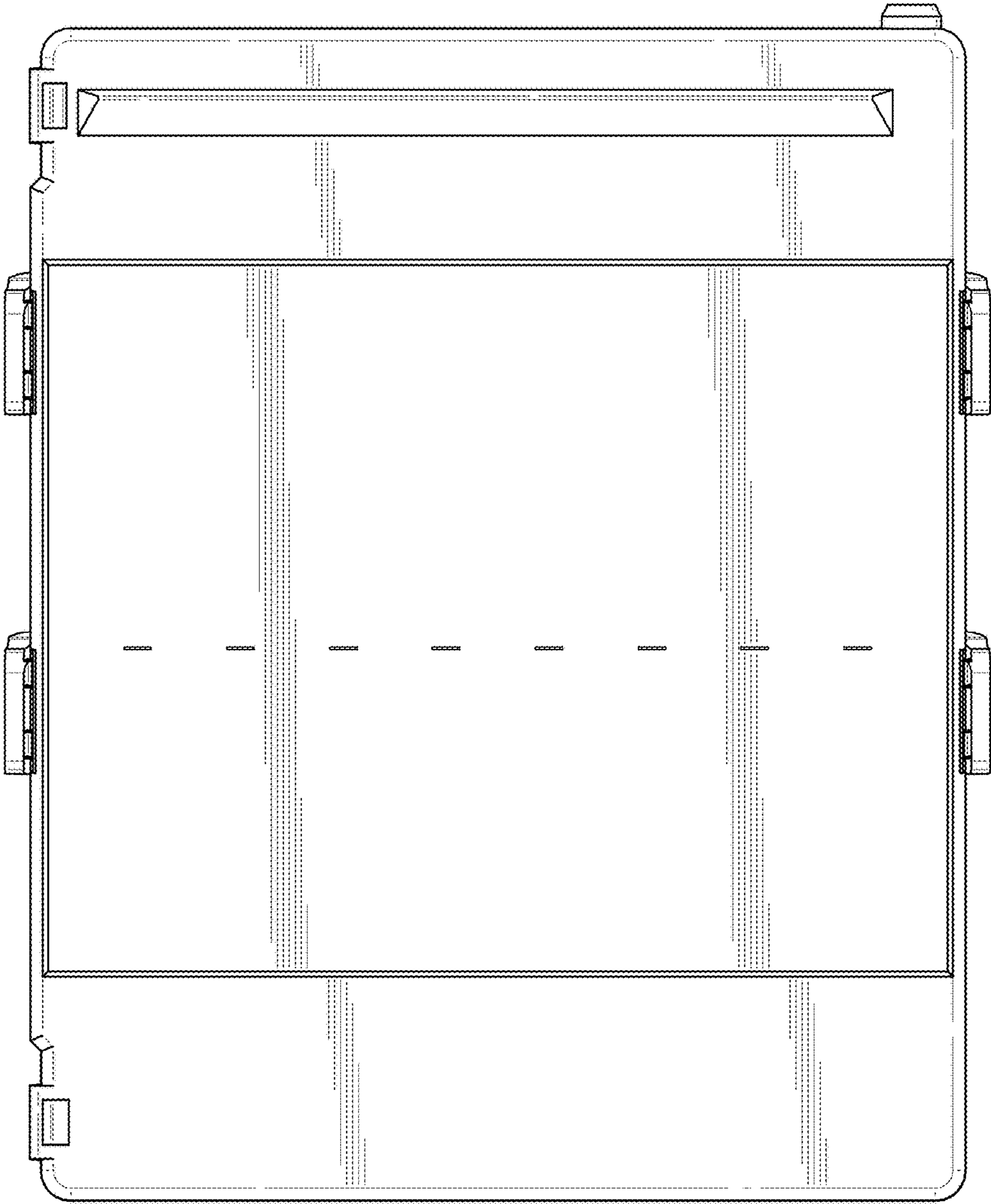


FIG. 9

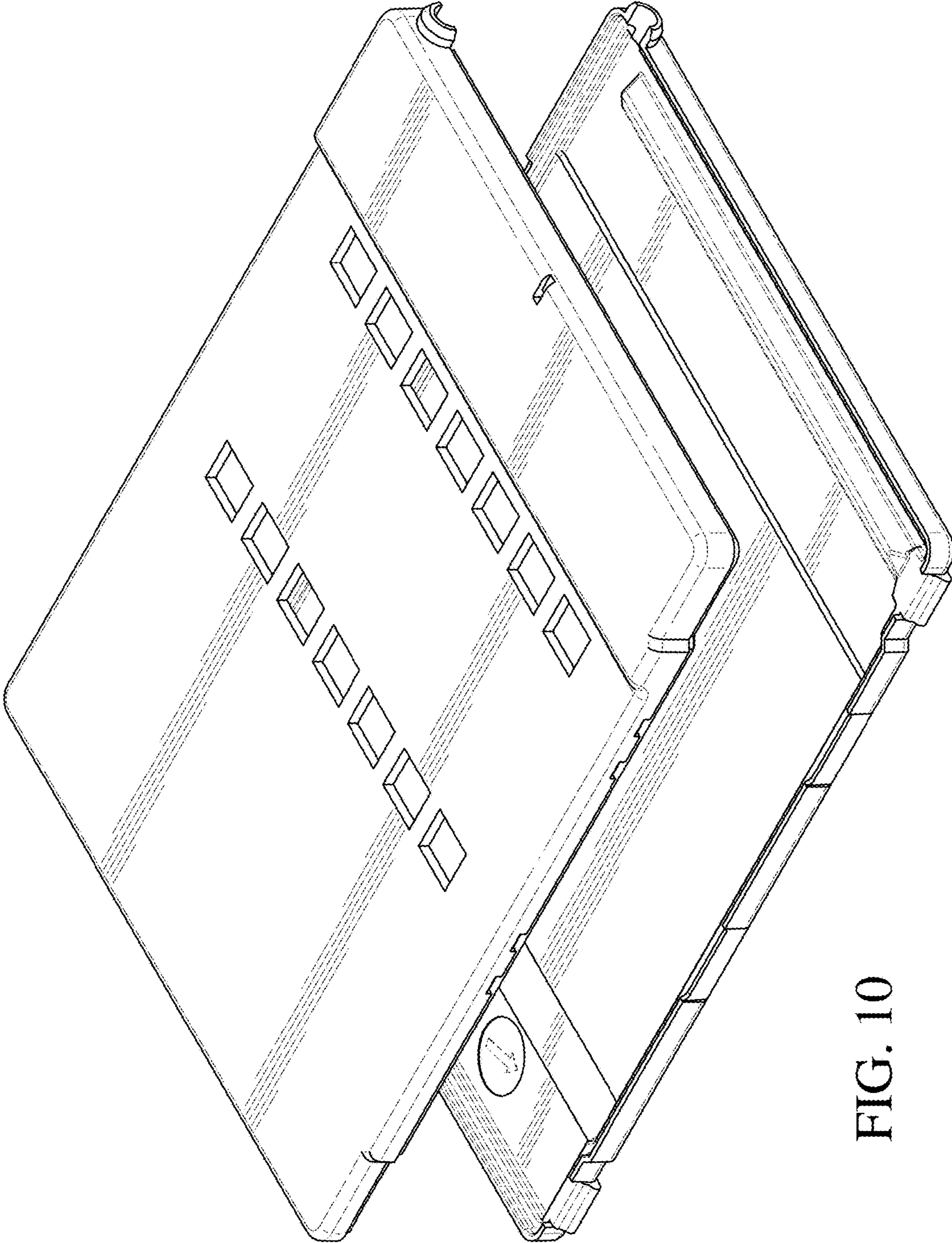


FIG. 10

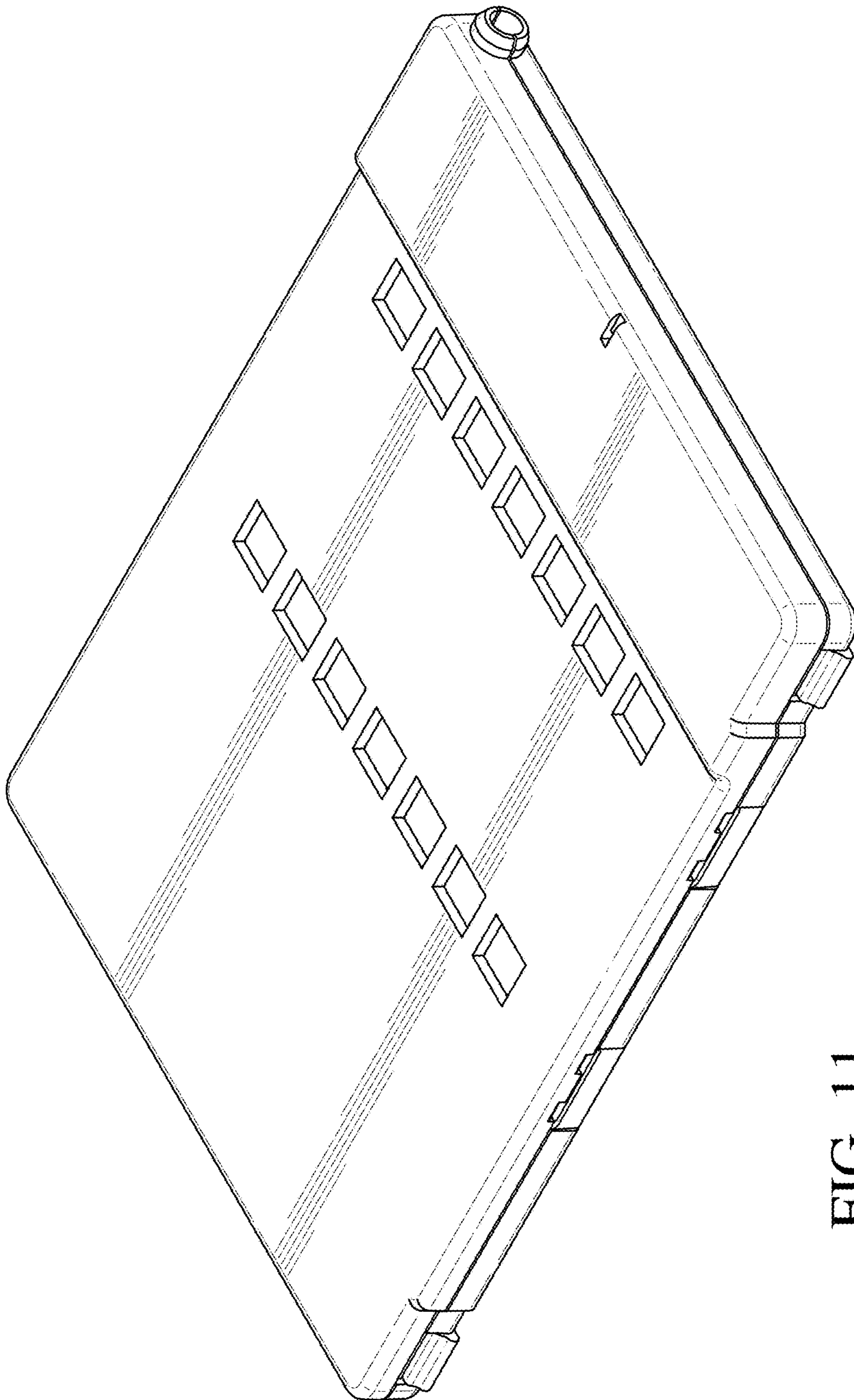


FIG. 11

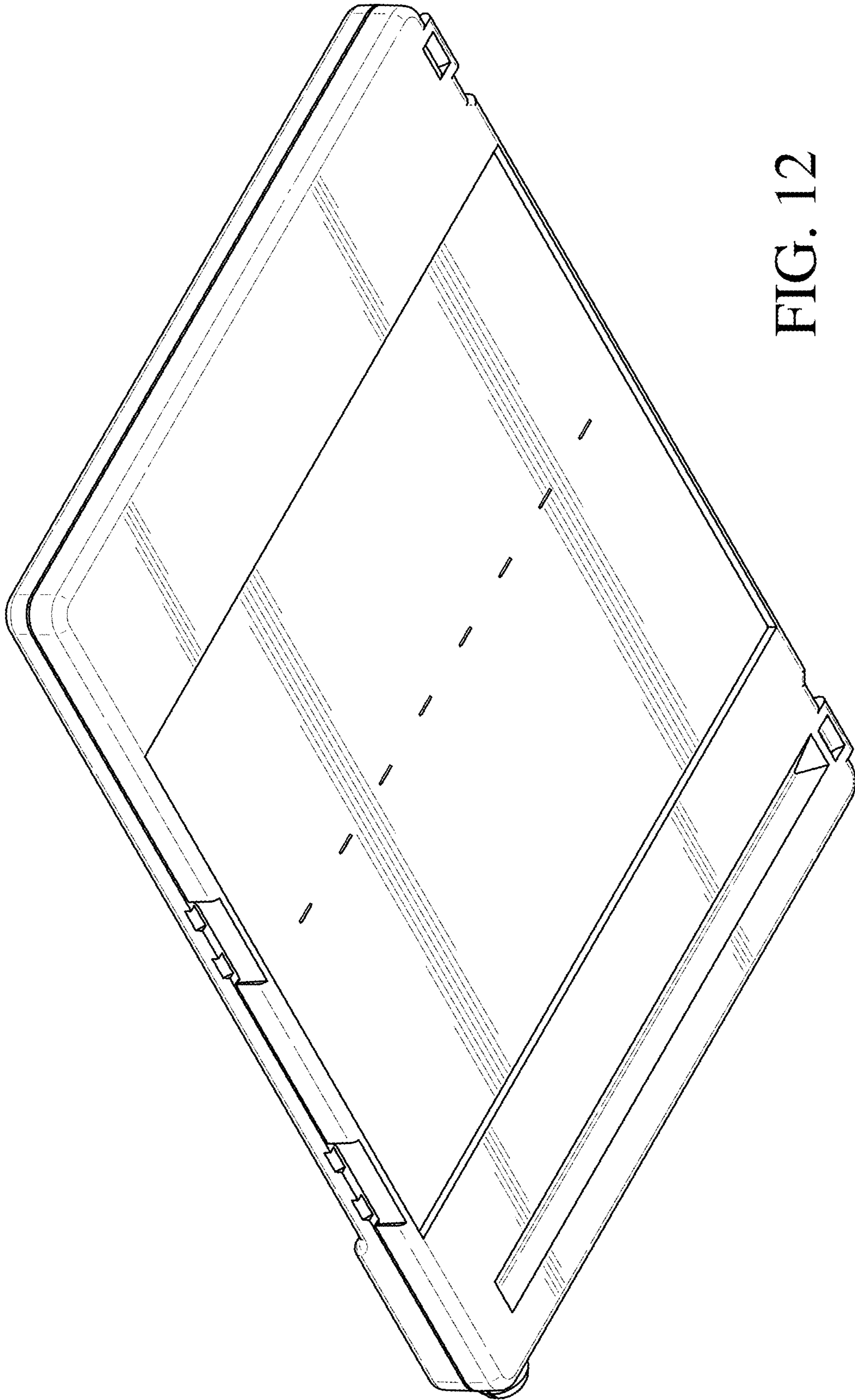


FIG. 12

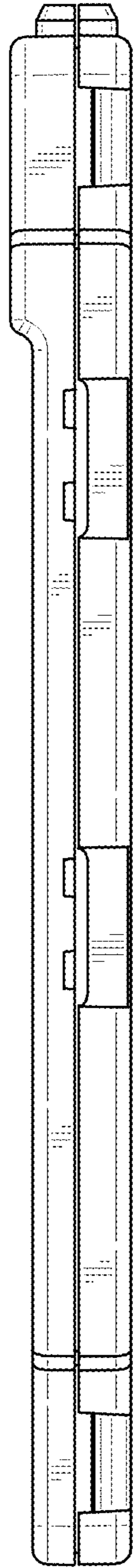


FIG. 13

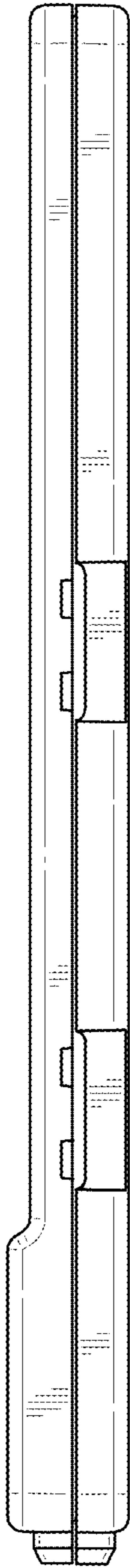


FIG. 14



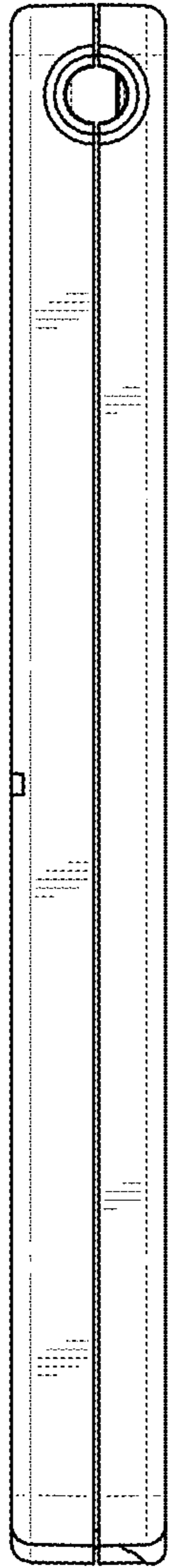


FIG. 15

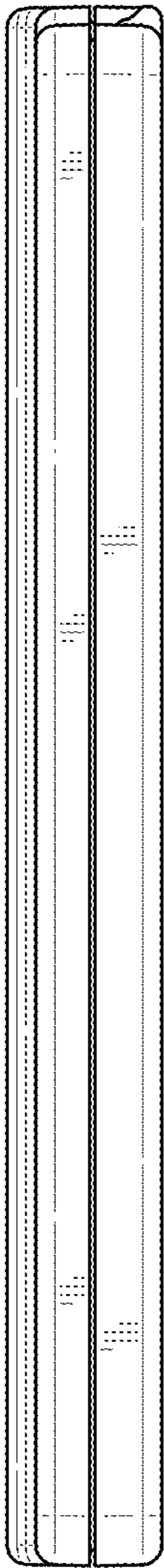


FIG. 16

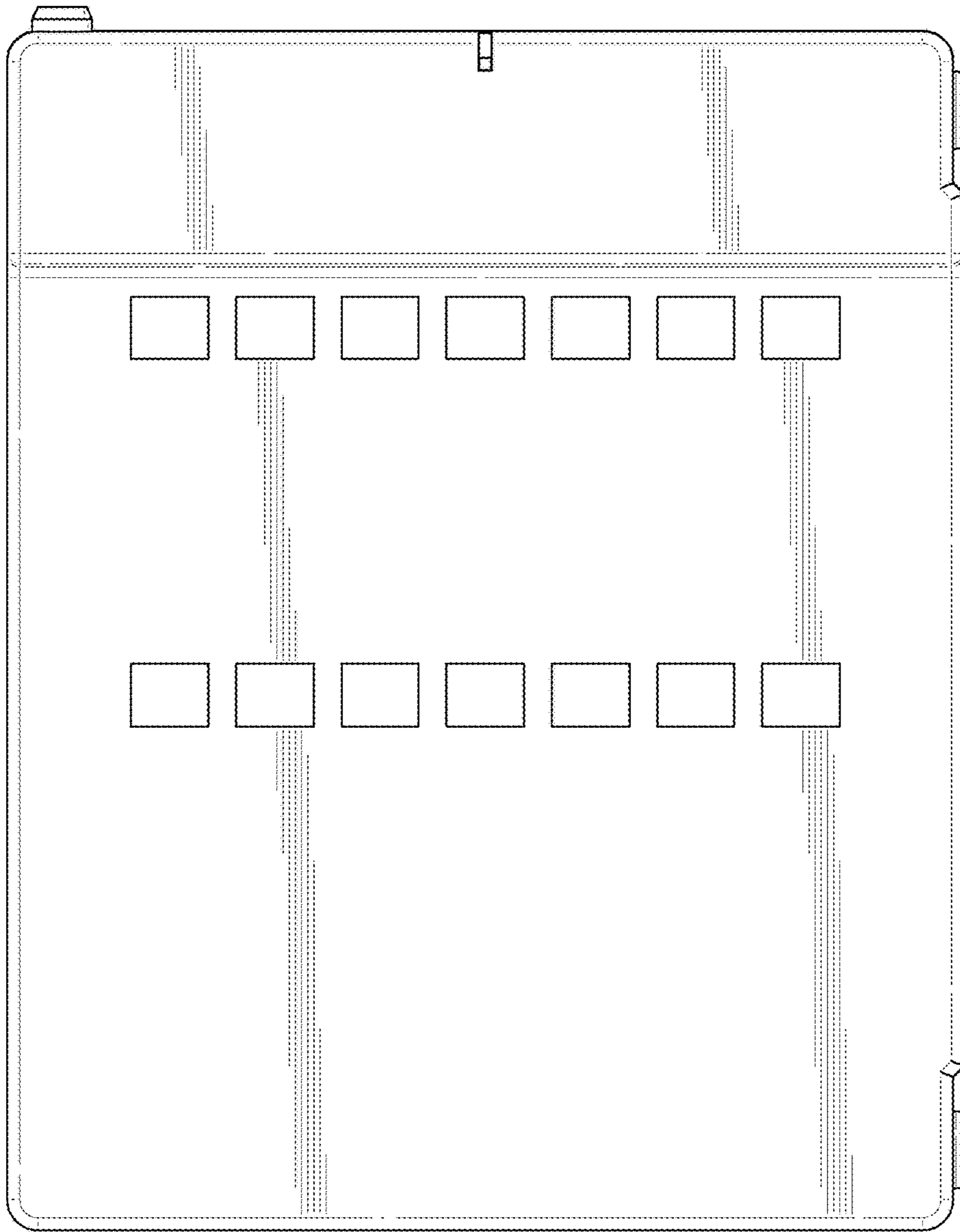


FIG. 17

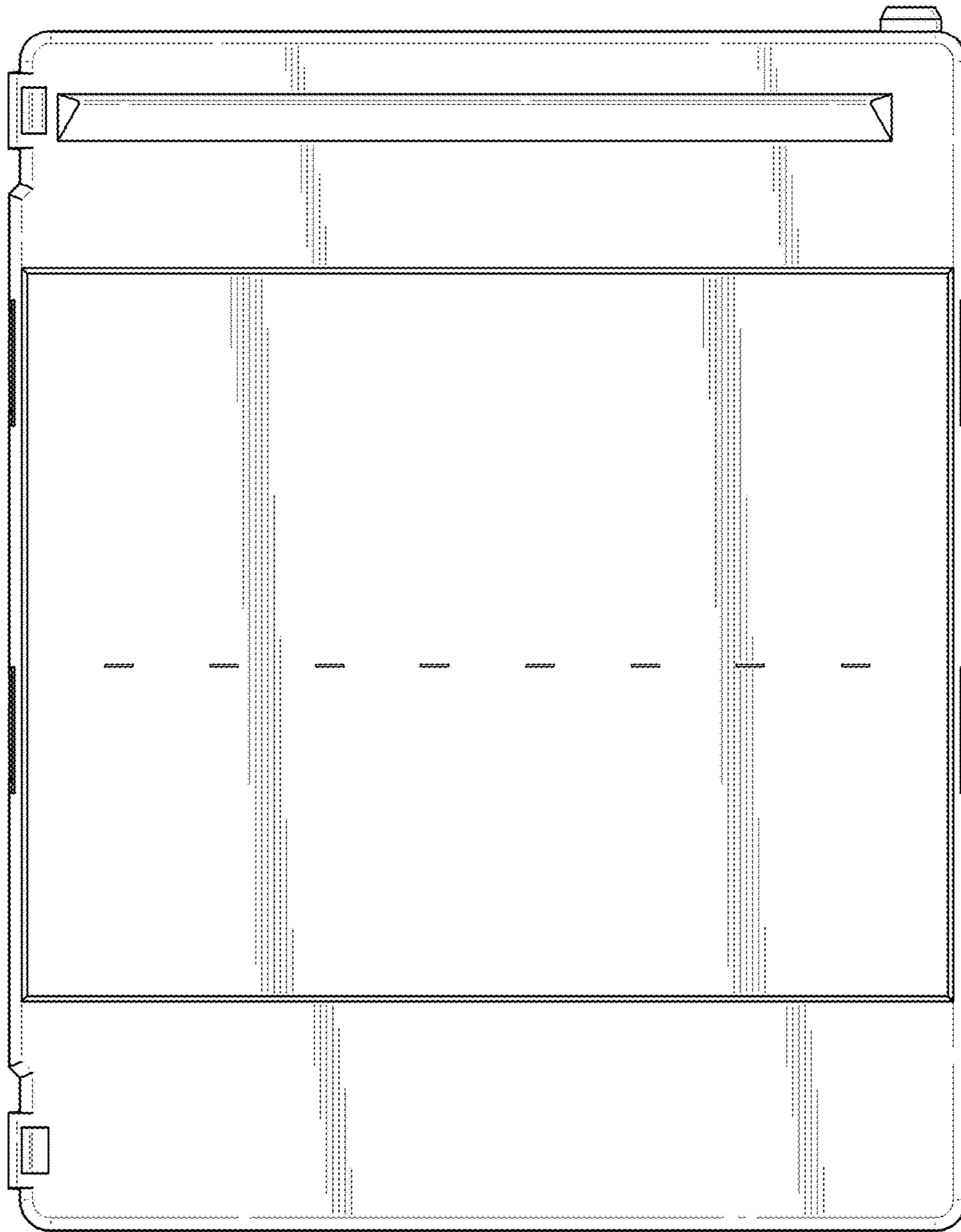


FIG. 18

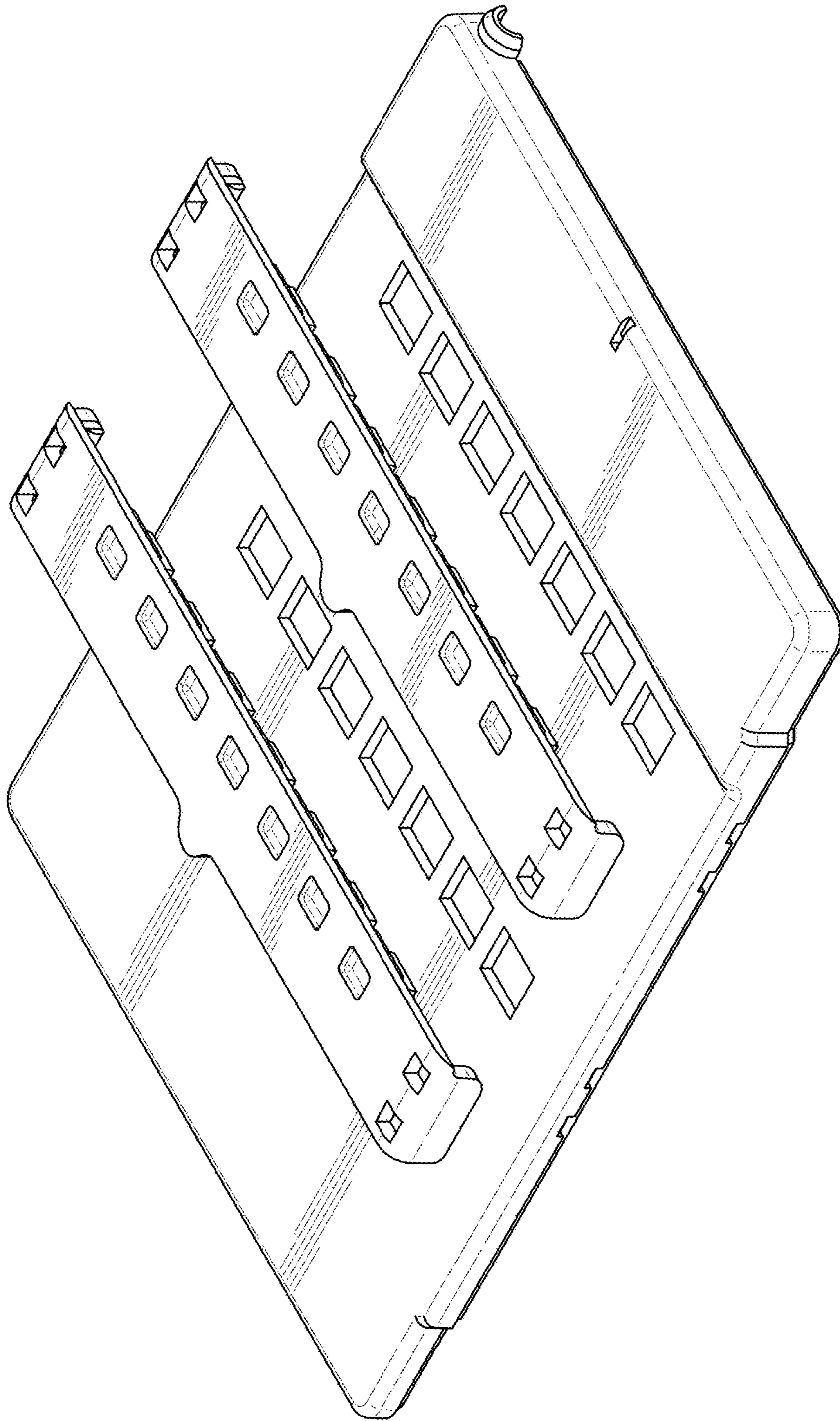


FIG. 19

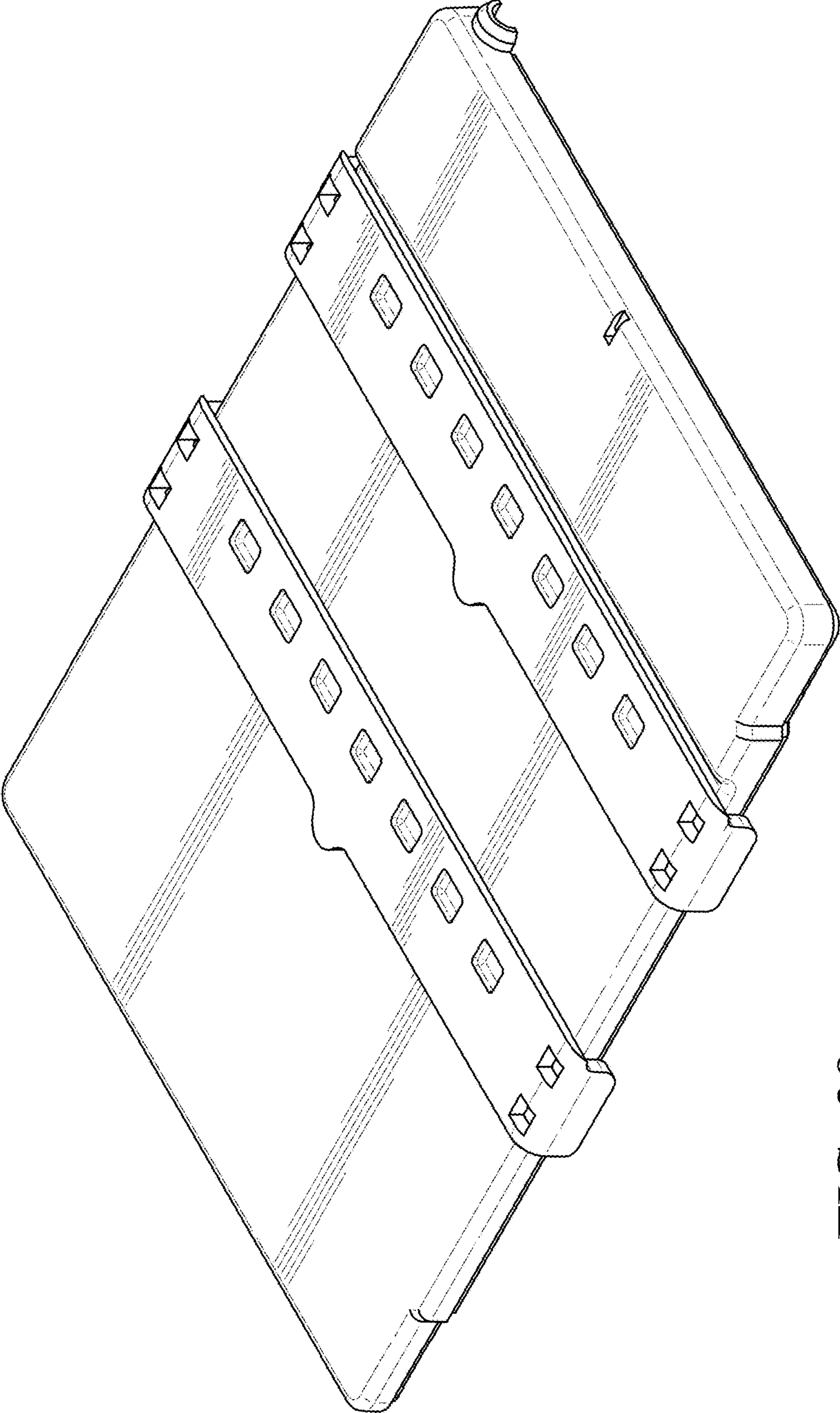


FIG. 20

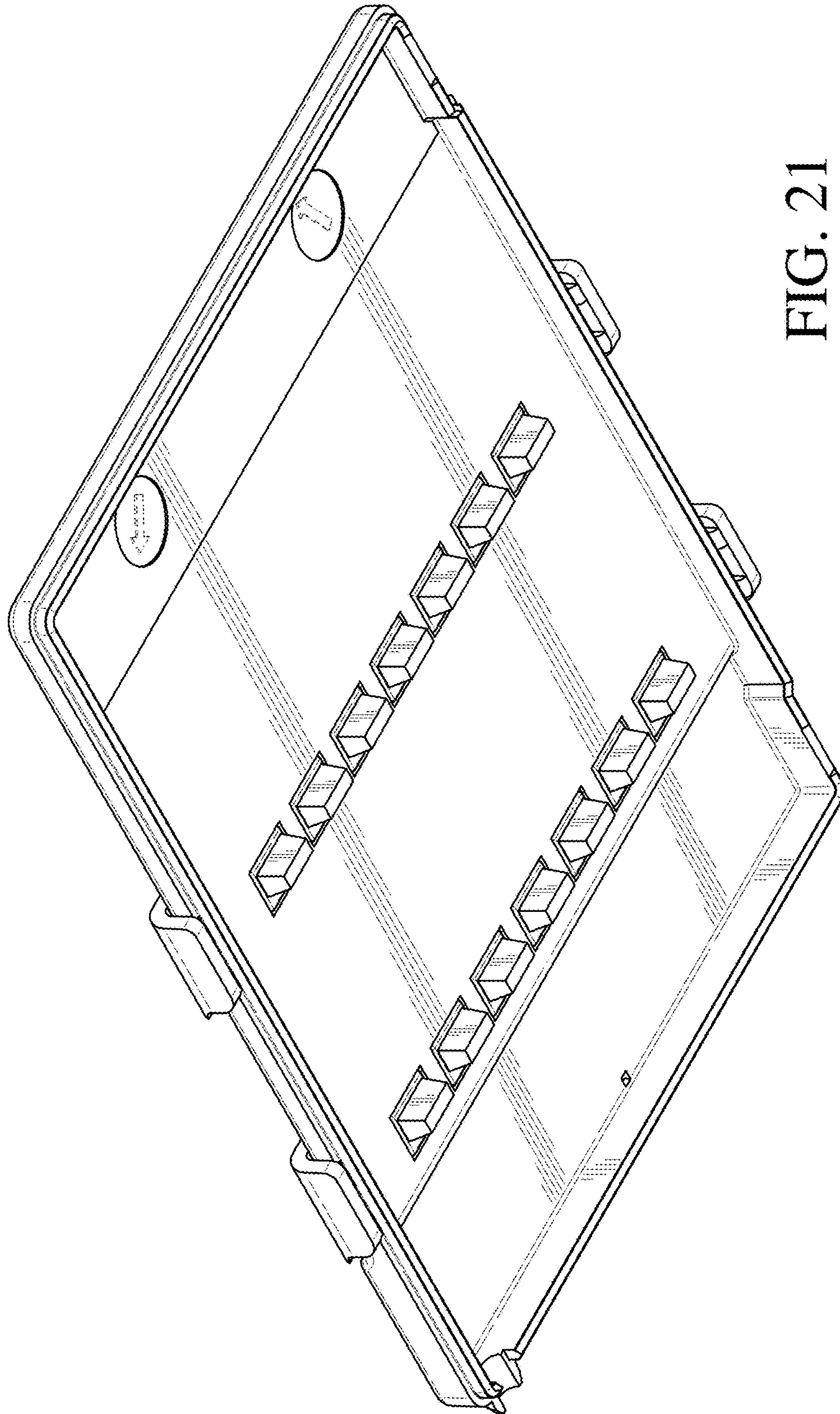


FIG. 21

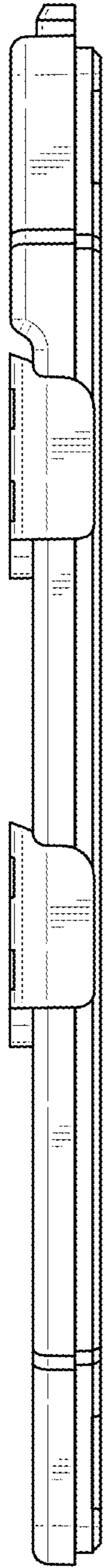


FIG. 22



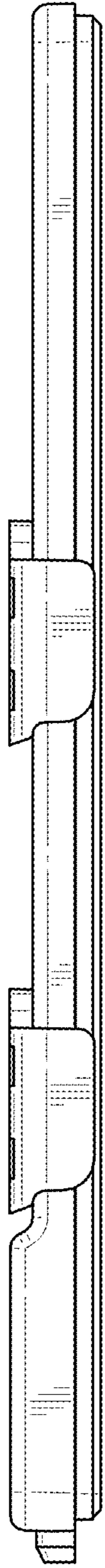


FIG. 23

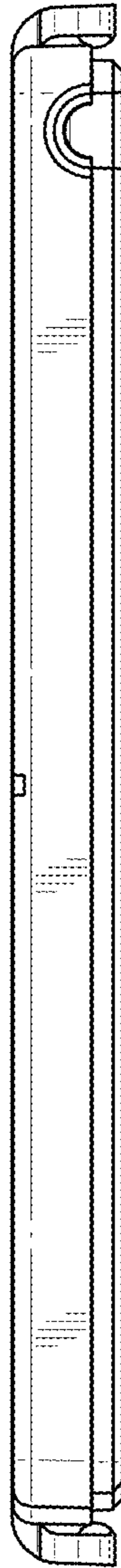


FIG. 24

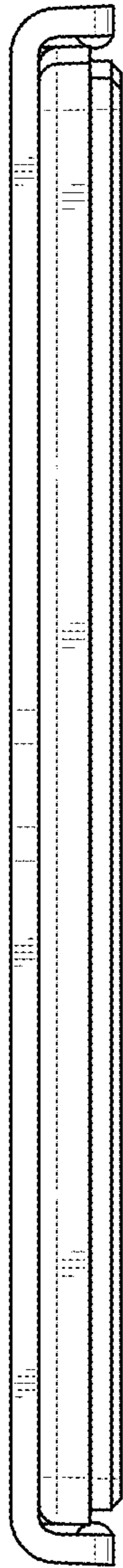


FIG. 25

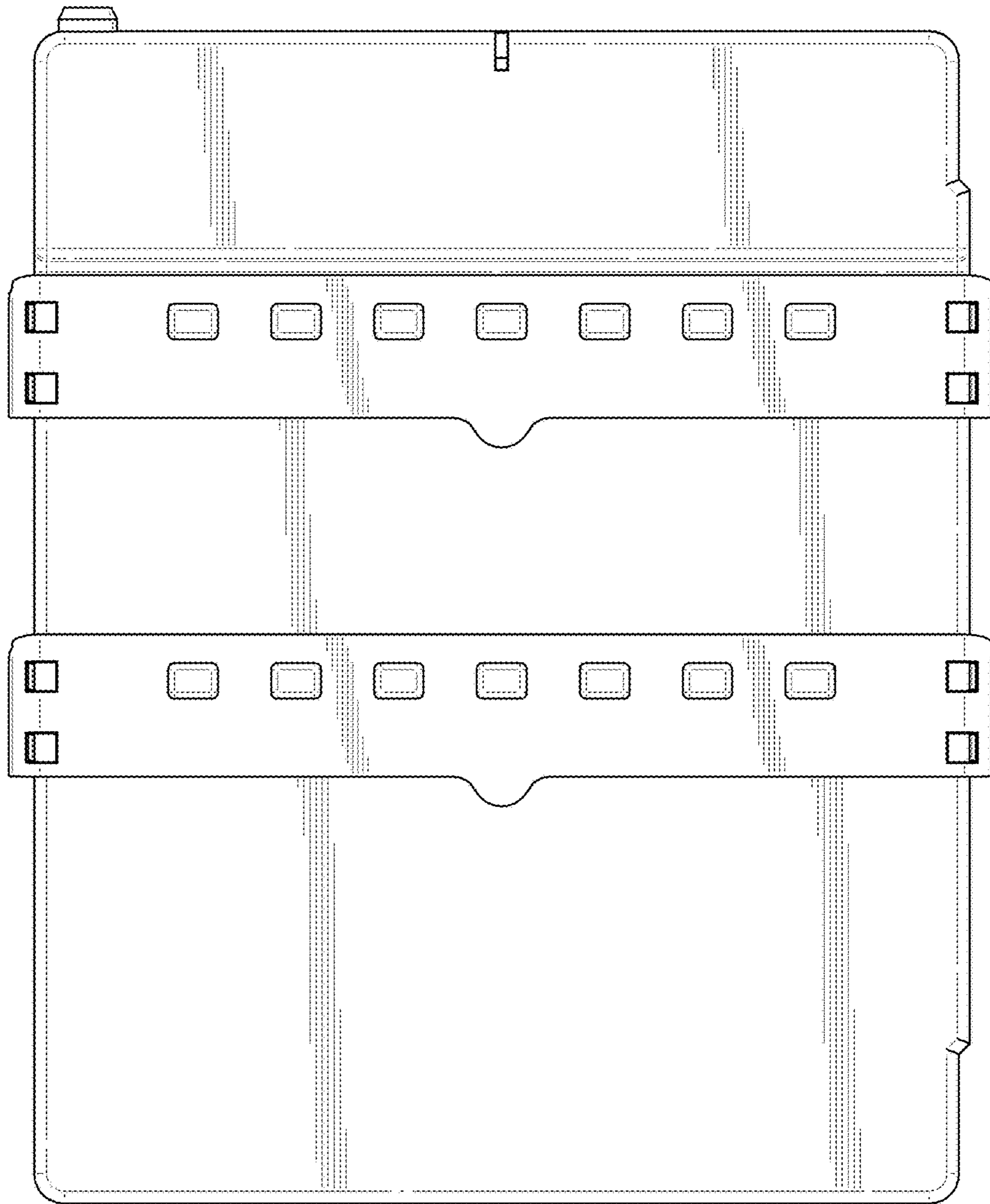


FIG. 26

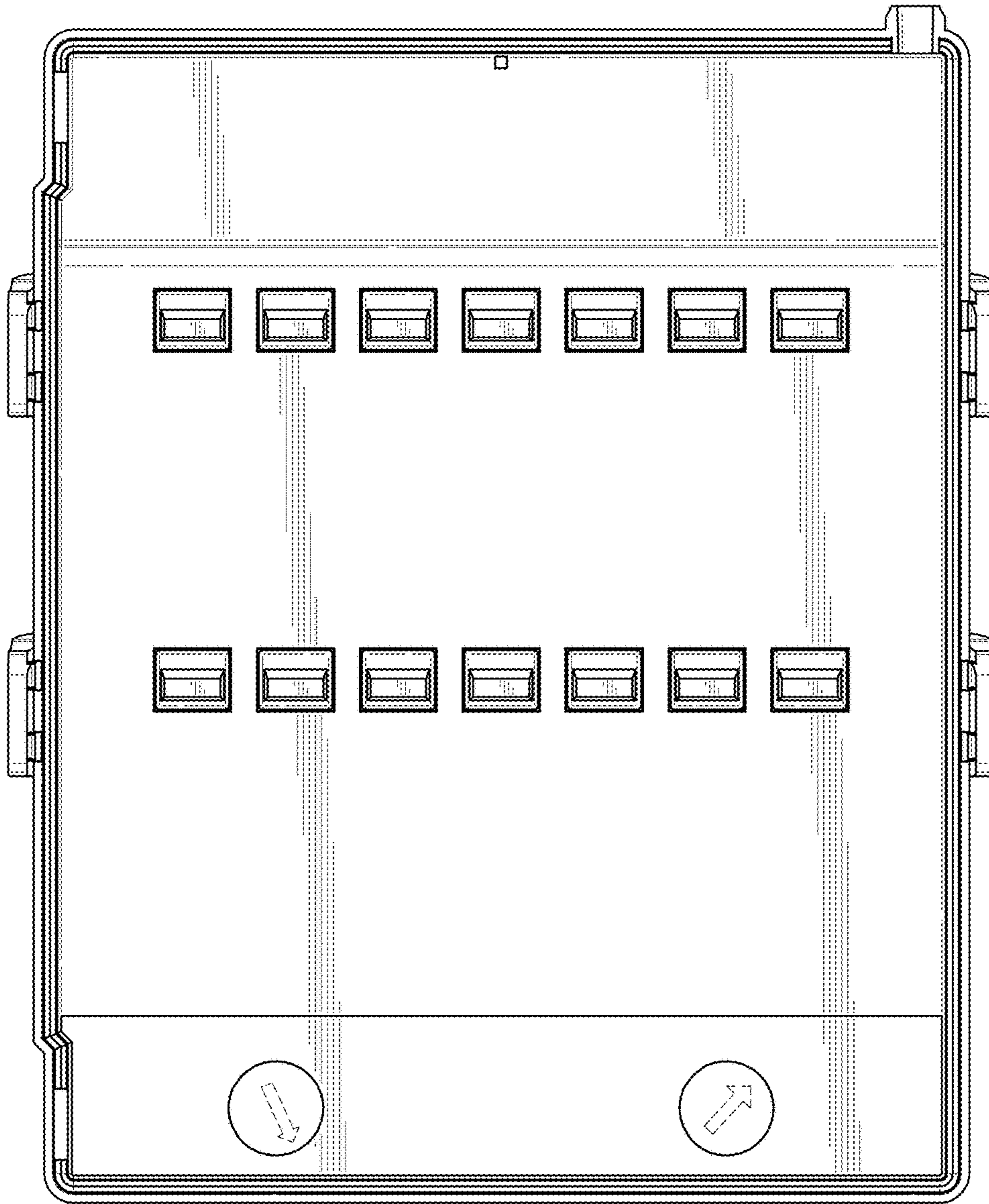


FIG. 27

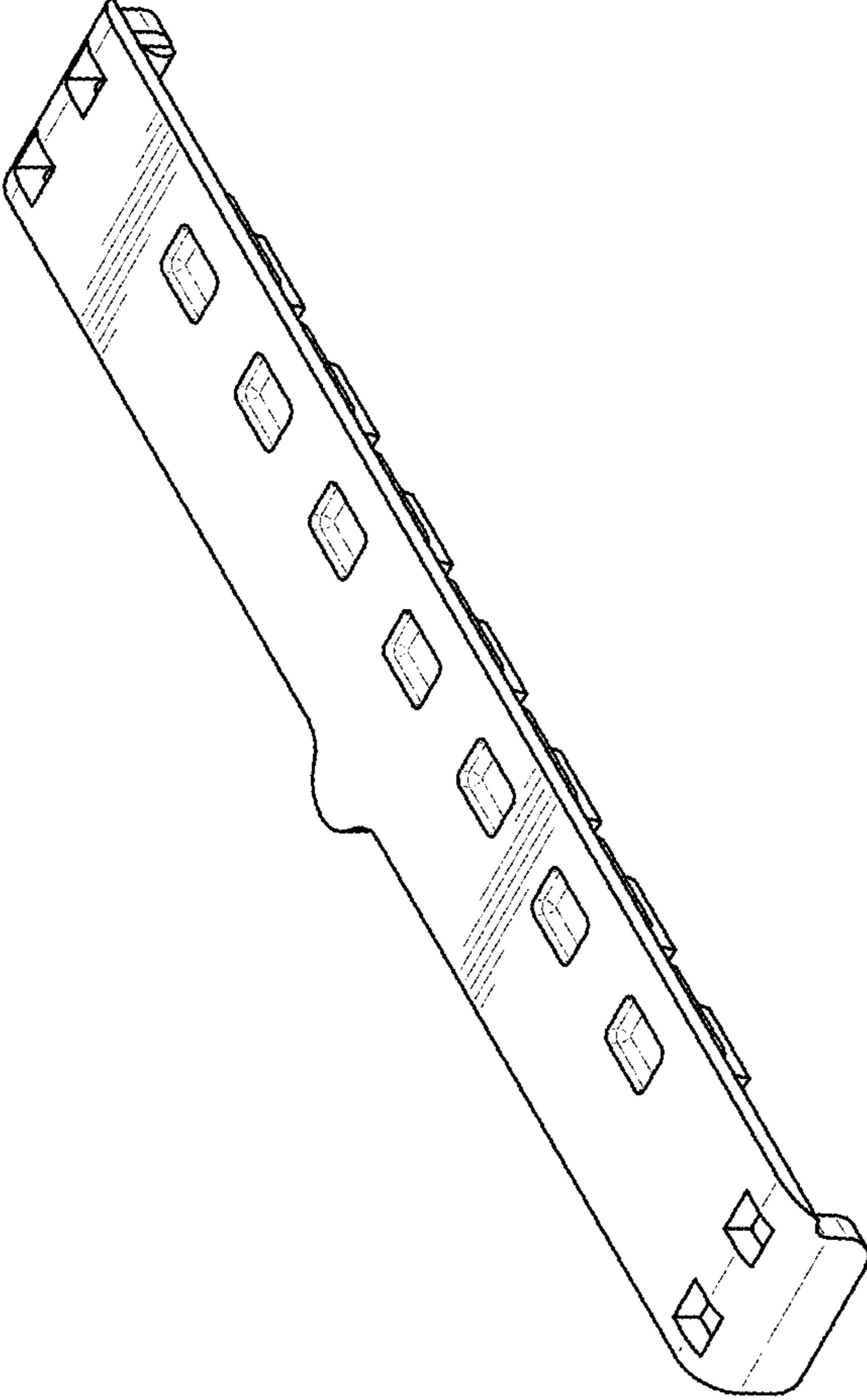


FIG. 28

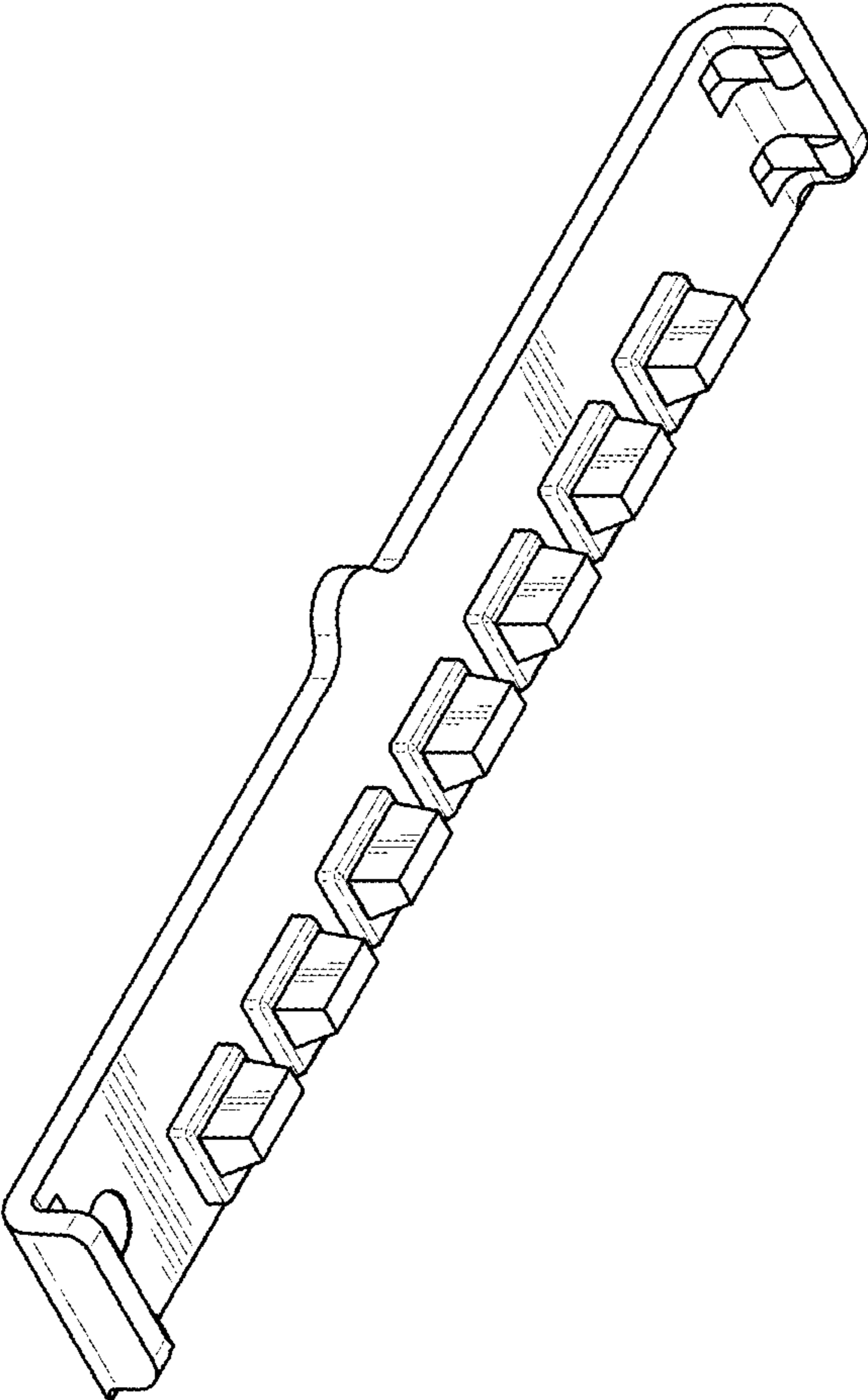


FIG. 29

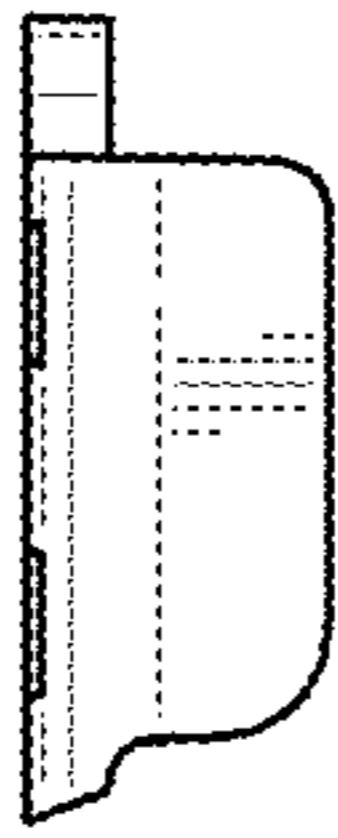


FIG. 31



FIG. 30



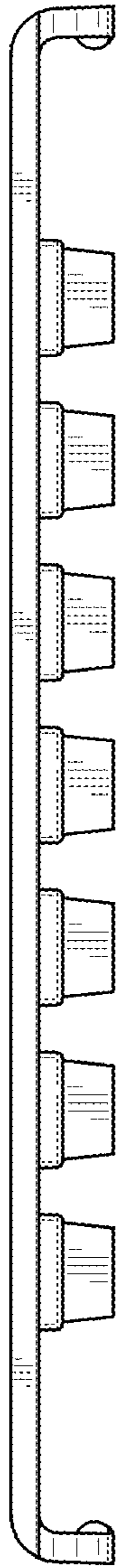


FIG. 32

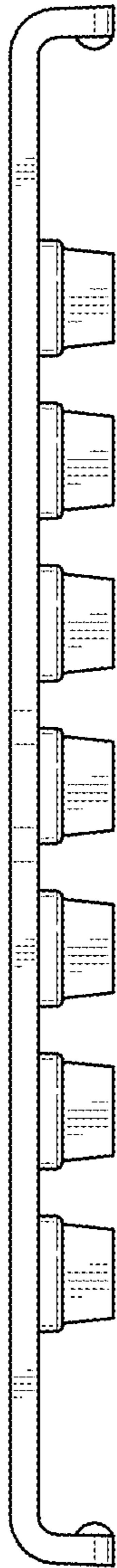


FIG. 33

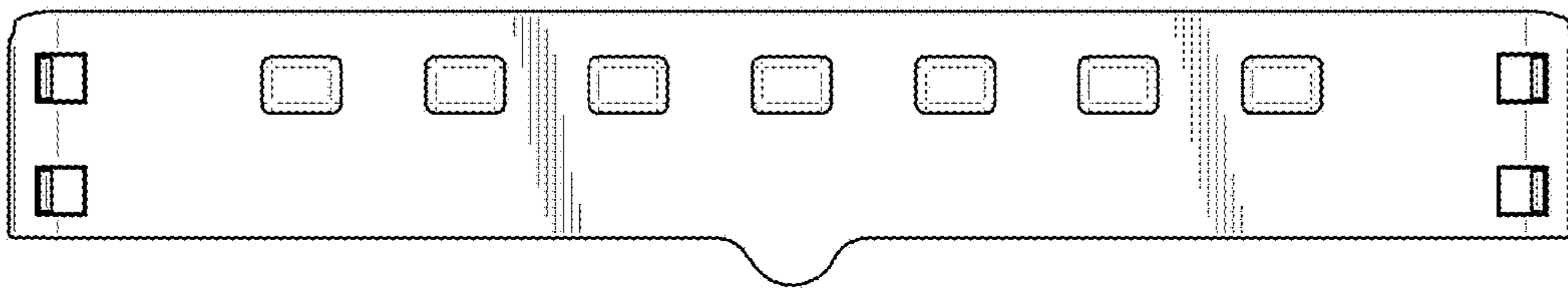


FIG. 34

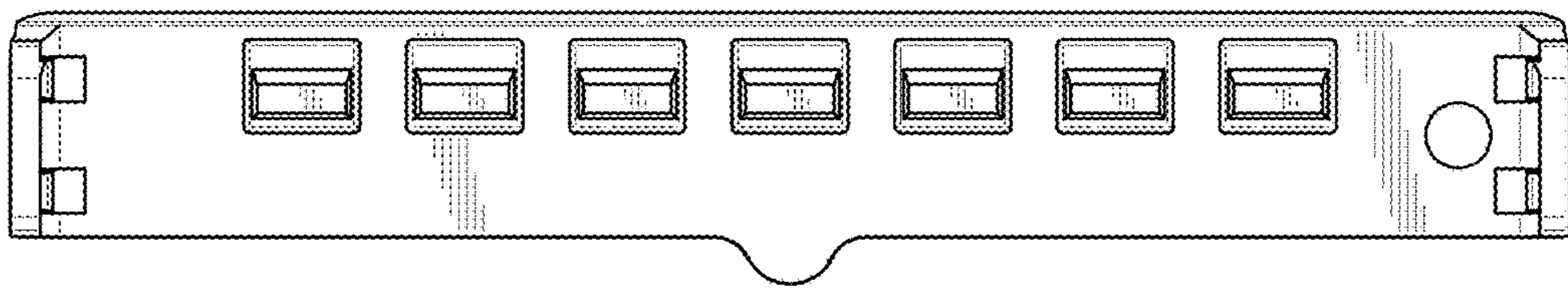


FIG. 35

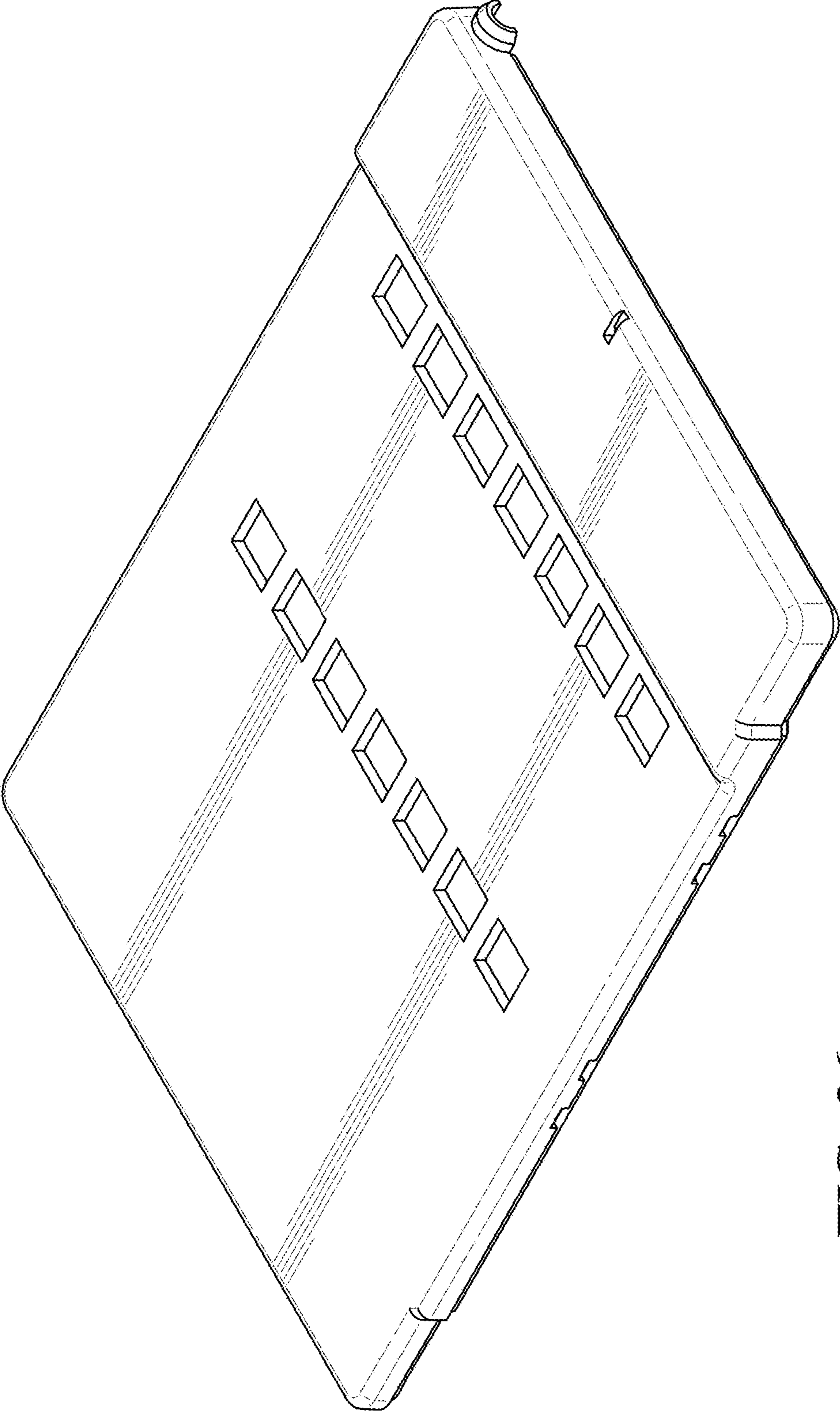


FIG. 36

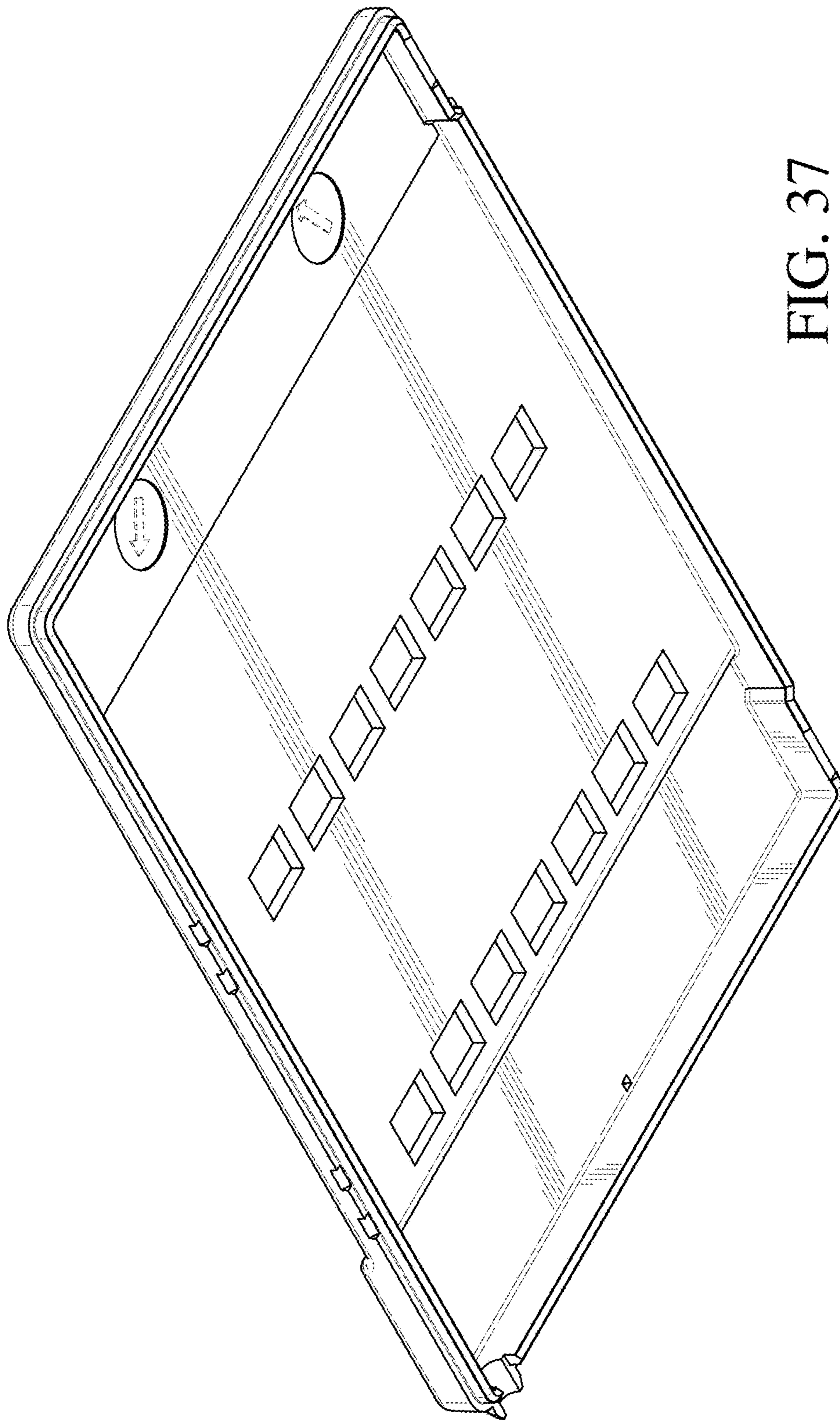


FIG. 37

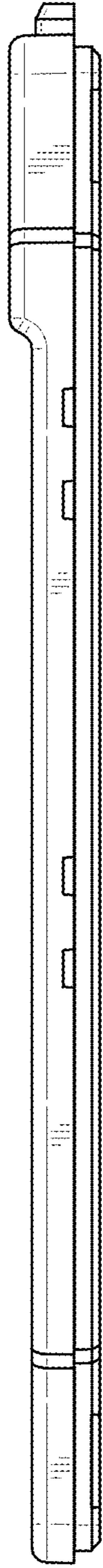


FIG. 38

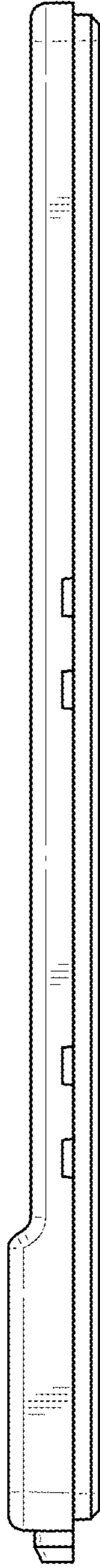


FIG. 39



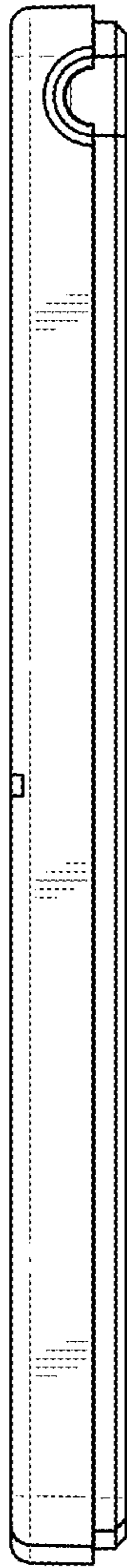


FIG. 40

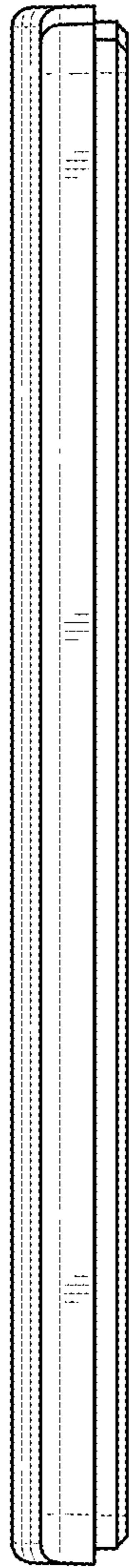


FIG. 41

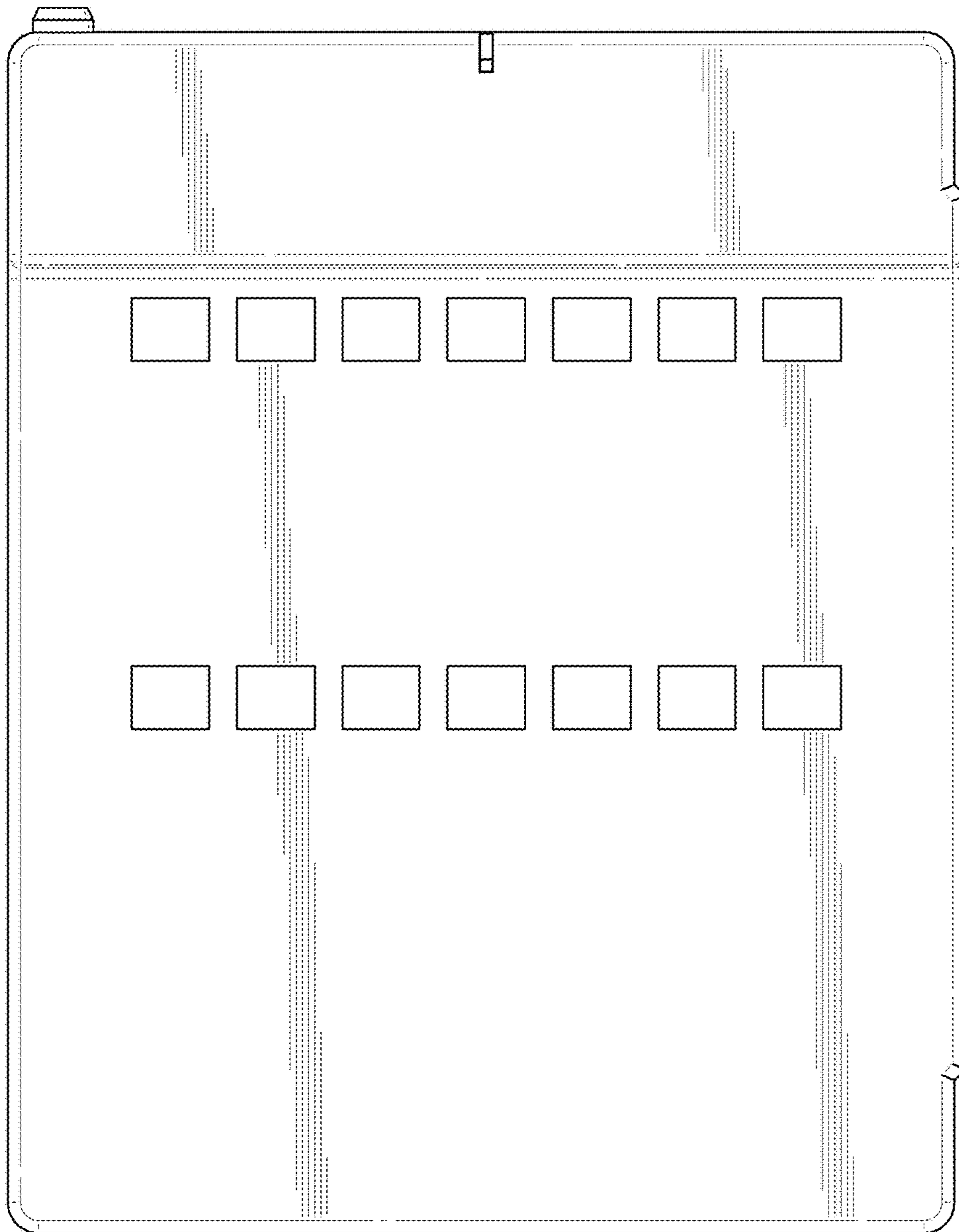


FIG. 42

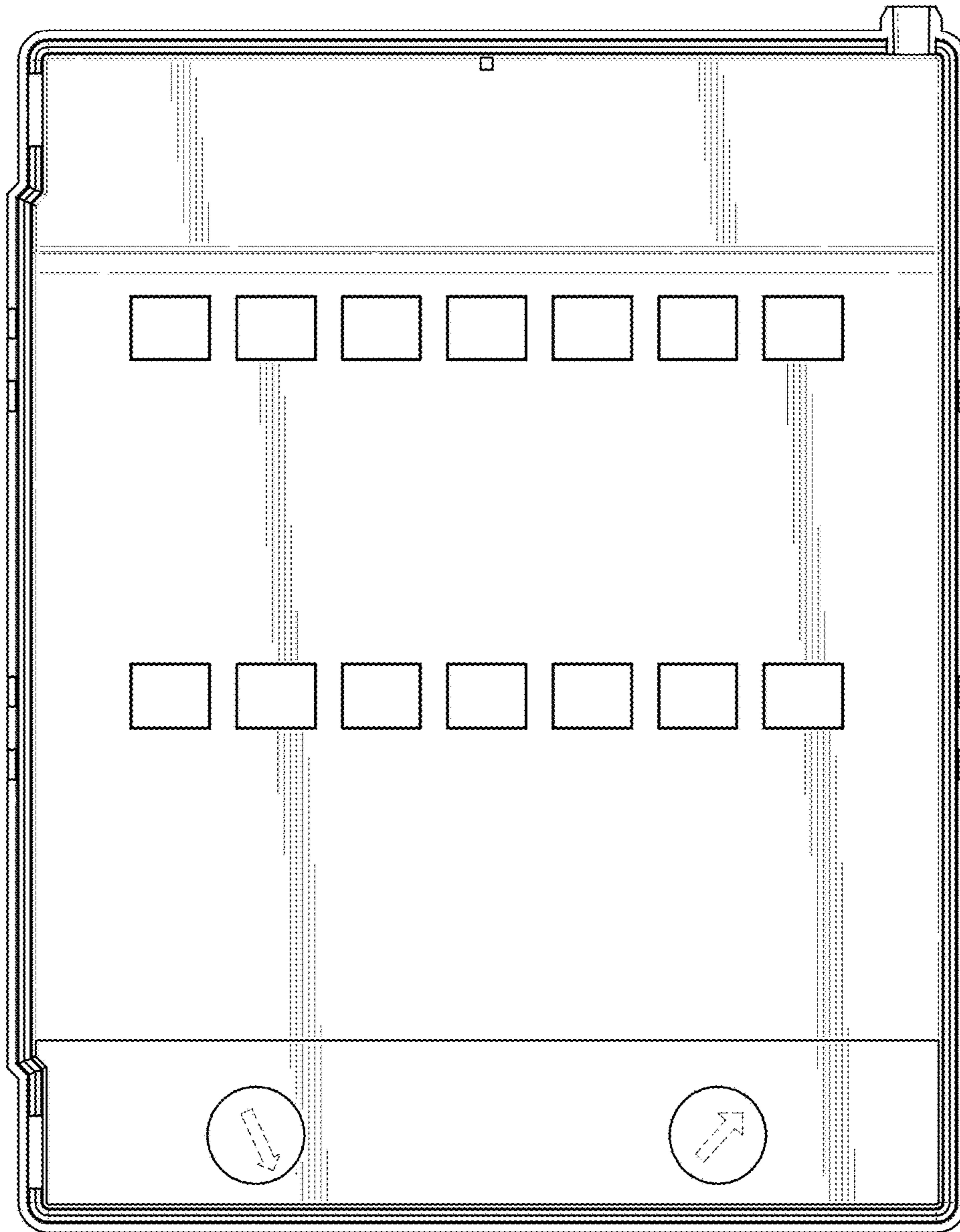


FIG. 43

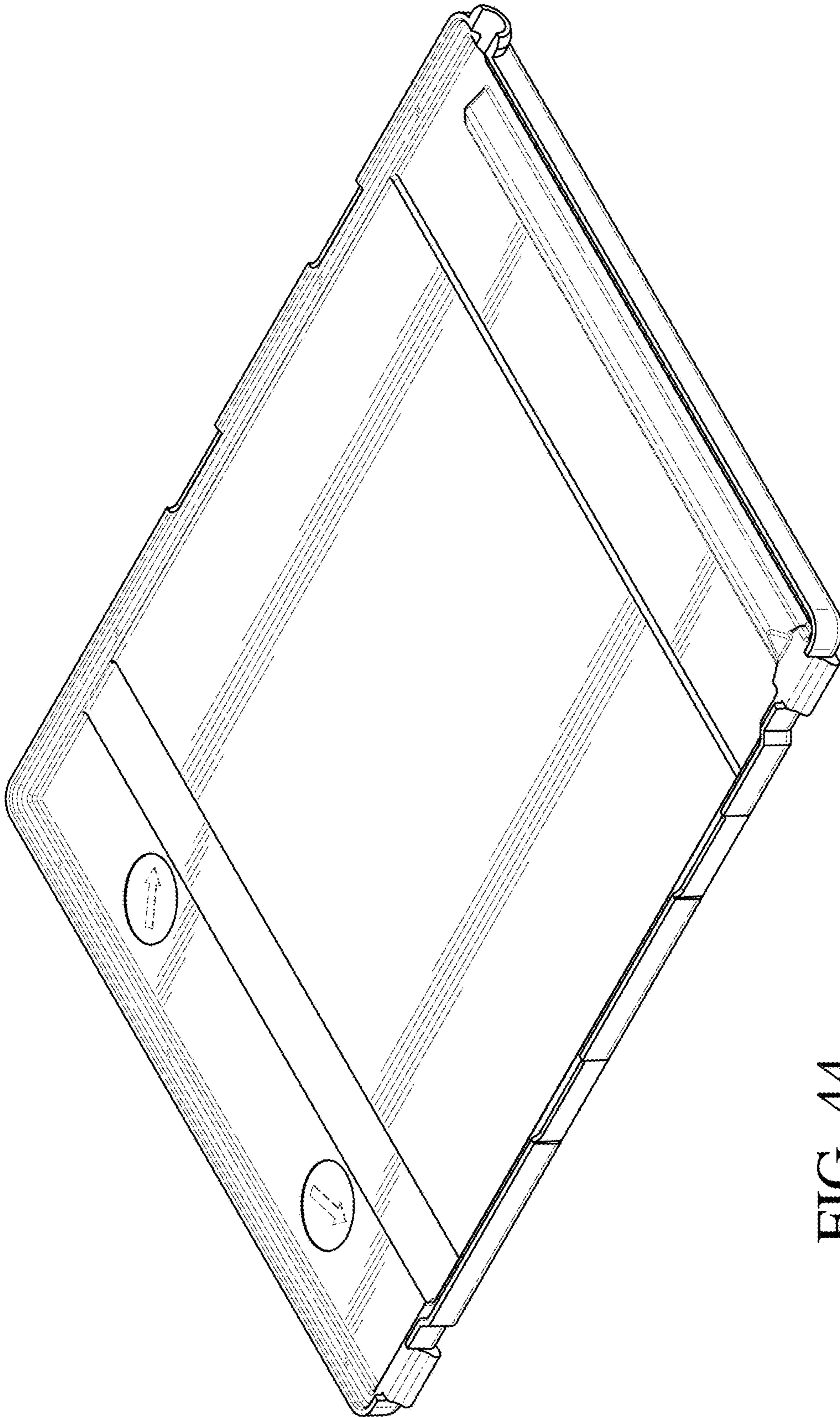


FIG. 44

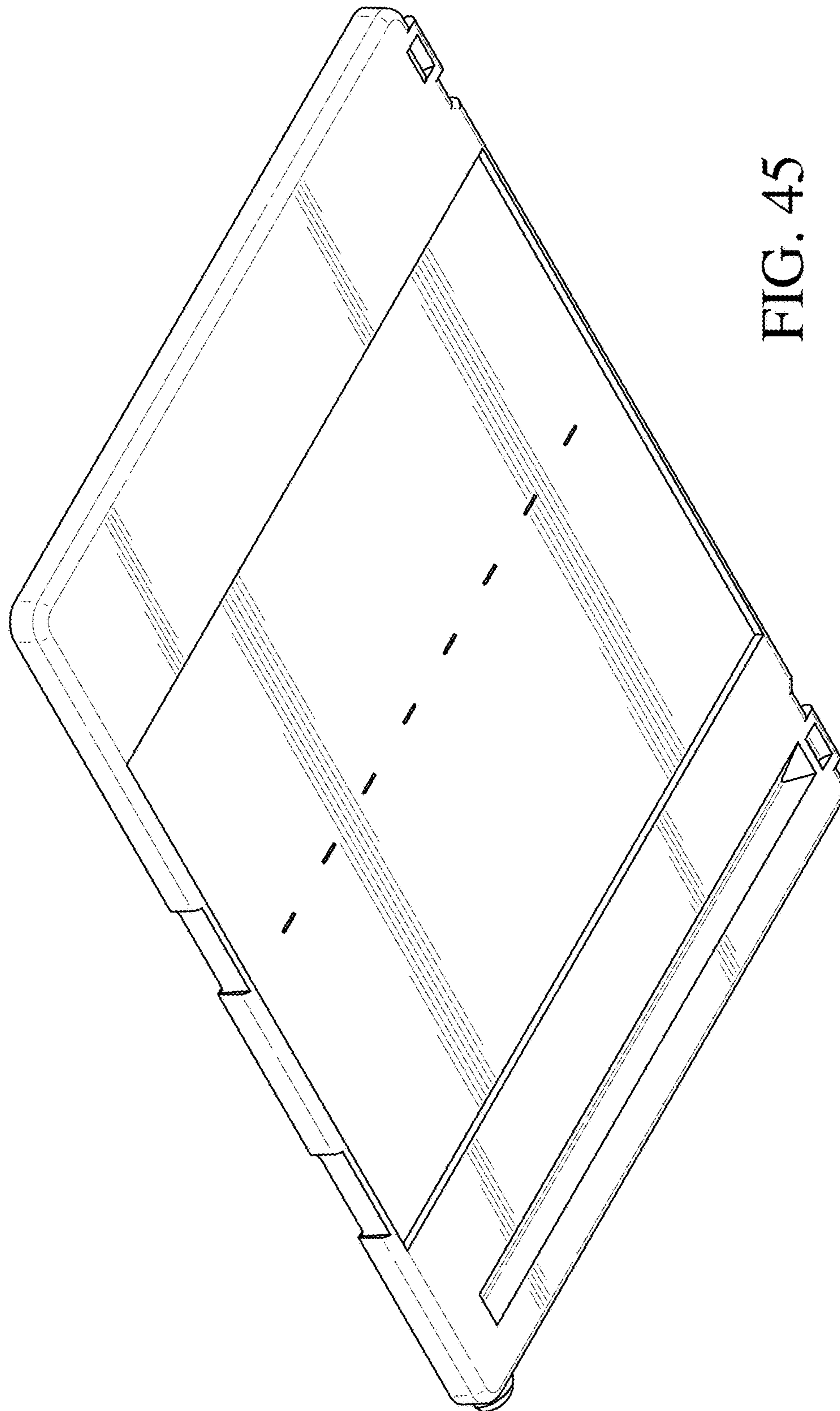


FIG. 45

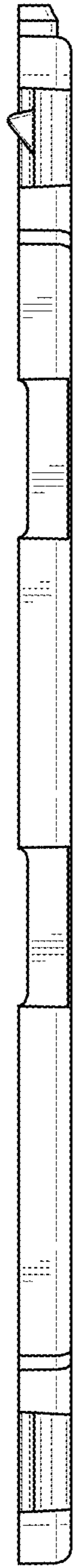


FIG. 46



FIG. 47



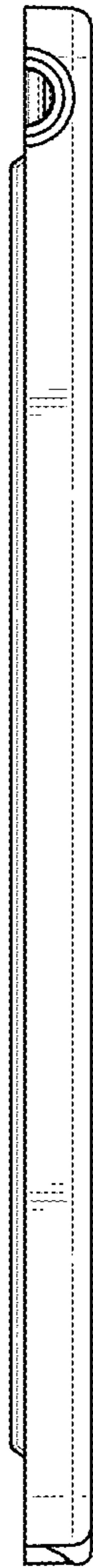


FIG. 48

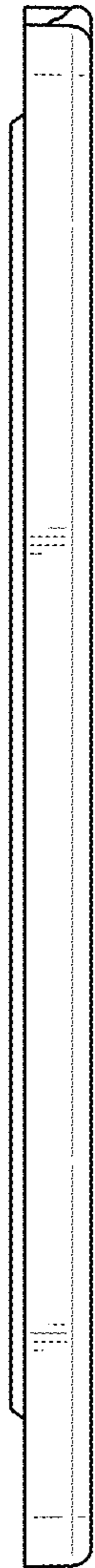


FIG. 49

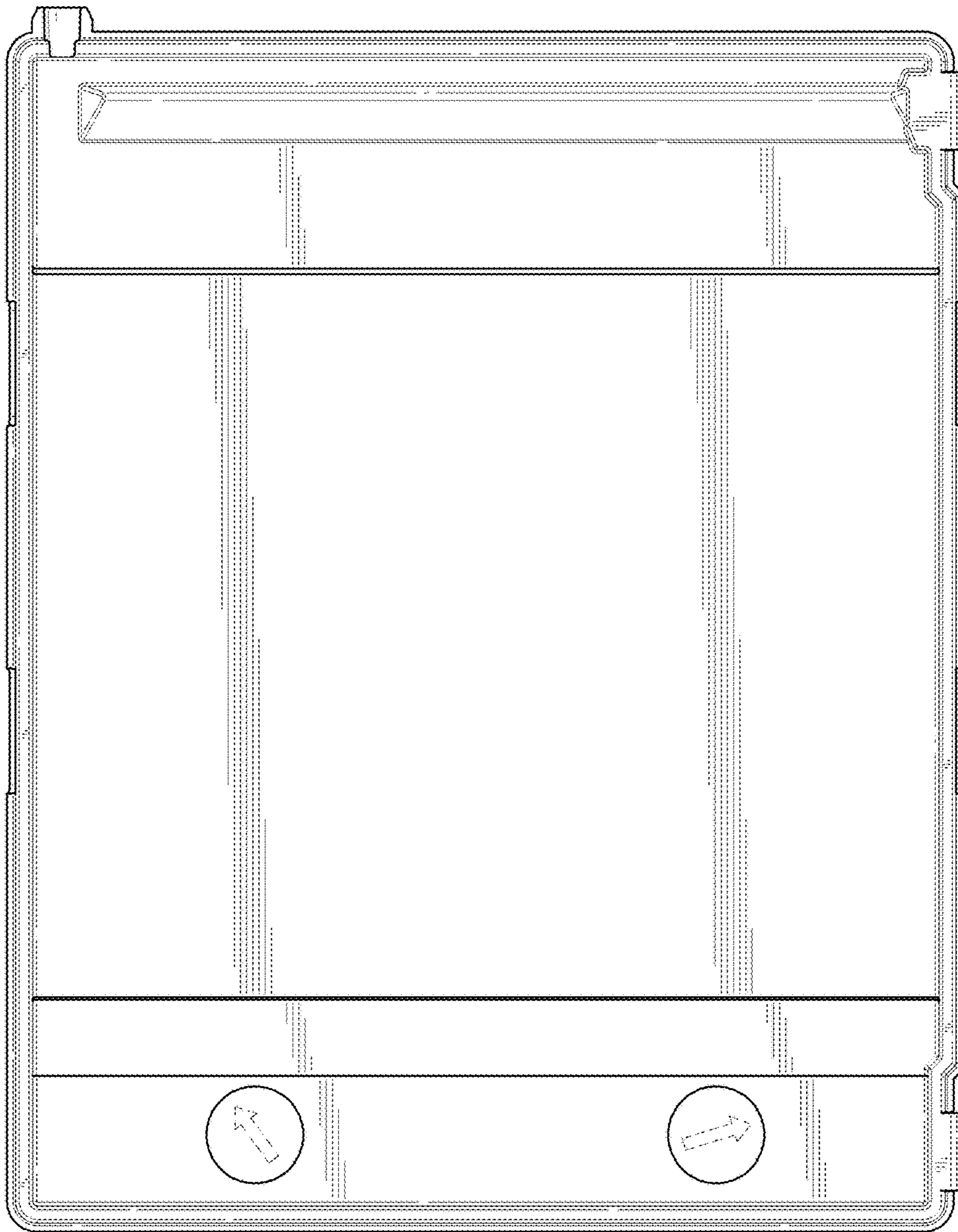


FIG. 50

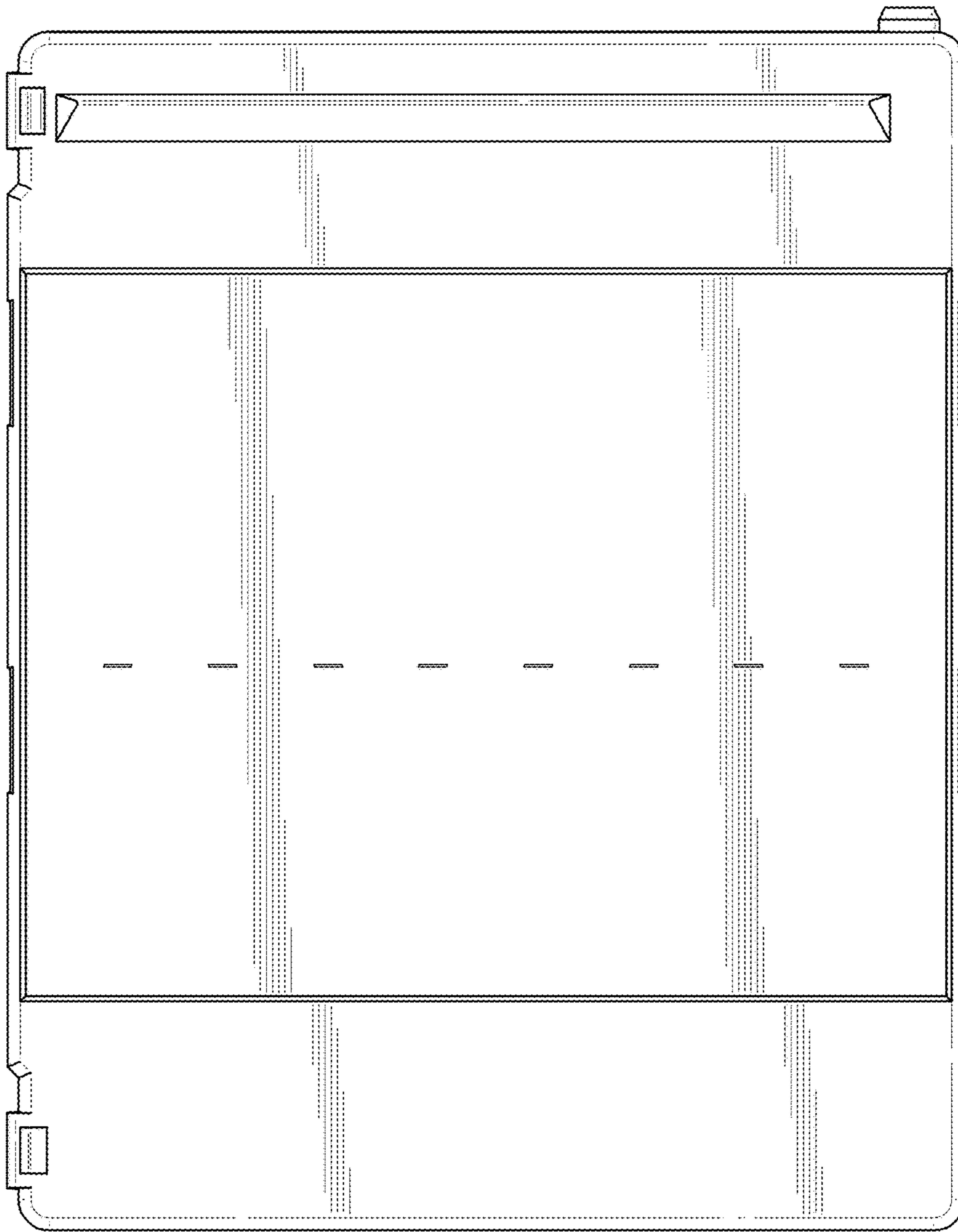


FIG. 51