



US00D887889S

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

(10) **Patent No.:** **US D887,889 S**

(45) **Date of Patent:** **** Jun. 23, 2020**

(54) **VERTICAL FARMING UNIT**

D600,944 S * 9/2009 McConnell D6/675
D610,212 S * 2/2010 Pedersen D21/499
D616,044 S * 5/2010 Tervo D21/499

(Continued)

(71) Applicant: **Aamar Khwaja**, Toronto (CA)

(72) Inventors: **Aamar Khwaja**, Toronto (CA); **James Henderson**, Gatineau (CA); **Derek Kirkland**, Chelsea (CA)

Primary Examiner — Elizabeth A. Albert

(74) *Attorney, Agent, or Firm* — Norton Rose Fulbright Canada LLP

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

(57) **CLAIM**

(21) Appl. No.: **29/651,222**

The ornamental design for a vertical farming unit, as shown and described.

(22) Filed: **Feb. 16, 2018**

DESCRIPTION

(51) **LOC (12) Cl.** **11-02**

(52) **U.S. Cl.**

USPC **D11/155**

(58) **Field of Classification Search**

USPC D3/304; D6/403–405, 556–558, 512, D6/672, 675, 675.1, 717; D7/640, 641; D9/500, 549, 428; D11/143–156, 164

CPC A01G 9/02; A01G 9/021; A01G 9/022; A01G 9/025; A01G 9/026; A01G 9/028; A01G 9/029; A01G 9/0291; A01G 9/0293; A01G 9/0295; A01G 9/0297; A01G 9/0299; A01G 9/04; A01G 9/045

See application file for complete search history.

FIG. 1 is a perspective view of a vertical farming unit showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a right side view thereof;
FIG. 8 is a perspective view of a vertical farming unit showing a second embodiment thereof;
FIG. 9 is a front view thereof;
FIG. 10 is a rear view thereof;
FIG. 11 is a top view thereof;
FIG. 12 is a bottom view thereof;
FIG. 13 is a left side view thereof;
FIG. 14 is a right side view thereof;
FIG. 15 is a perspective view of a vertical farming unit showing a third embodiment thereof;
FIG. 16 is a front view thereof;
FIG. 17 is a rear view thereof;
FIG. 18 is a top view thereof;
FIG. 19 is a bottom view thereof;
FIG. 20 is a left side view thereof; and
FIG. 21 is a right side view thereof.

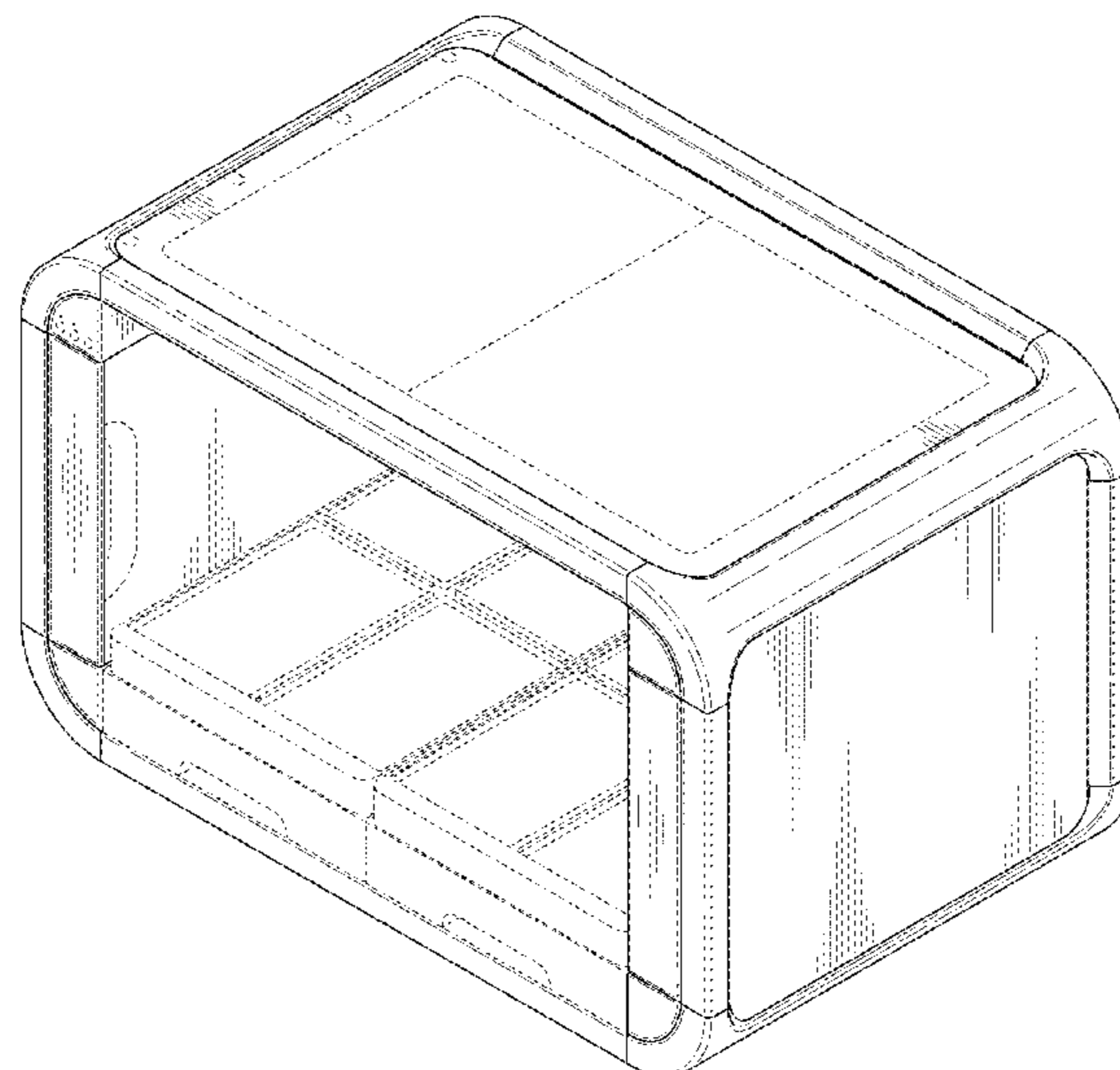
Broken lines in the drawing depict portions of the vertical farming unit that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D185,509 S * 6/1959 Pederson D6/301
D232,289 S * 8/1974 Moretine D6/675.1
D234,894 S * 4/1975 Vandenbeuck D6/675.1
D236,777 S * 9/1975 Loomis D6/675.1
4,407,911 A * 10/1983 Hooke H01M 2/105
429/159
D273,021 S * 3/1984 Chalabian D20/6
D306,106 S * 2/1990 Bush D6/661
D316,873 S * 5/1991 Merl D20/6
5,310,071 A * 5/1994 Rivlin B65D 81/361
206/509
D490,616 S * 6/2004 Ljahnicky D6/329
D553,393 S * 10/2007 Cassel D6/675.1

1 Claim, 21 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D616,045 S *	5/2010	Tervo	D21/499
D623,443 S *	9/2010	Zambelli	D6/661
D681,548 S *	5/2013	Zhang	D13/102
D695,350 S *	12/2013	Doleshal	D20/99
D698,869 S *	2/2014	Strzelewicz	D21/499
D733,196 S *	6/2015	Wolf	D15/122
D745,903 S *	12/2015	Armani	D15/122
D760,306 S *	6/2016	Wolf	D15/122
D776,727 S *	1/2017	Wolf	D15/122
D842,130 S *	3/2019	Xiao	D10/26
D850,501 S *	6/2019	Schmitt	D15/122

* cited by examiner

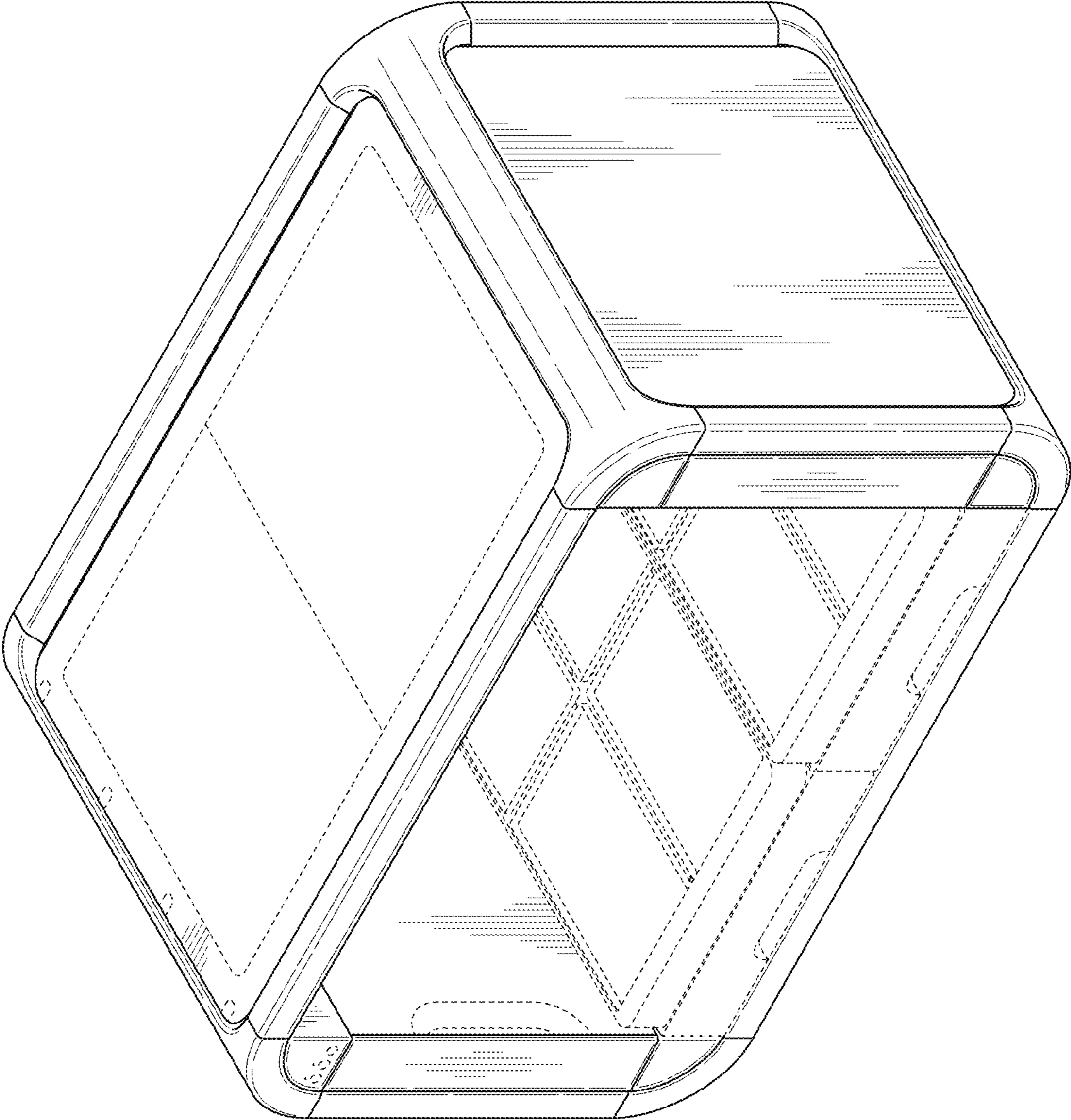


FIG. 1

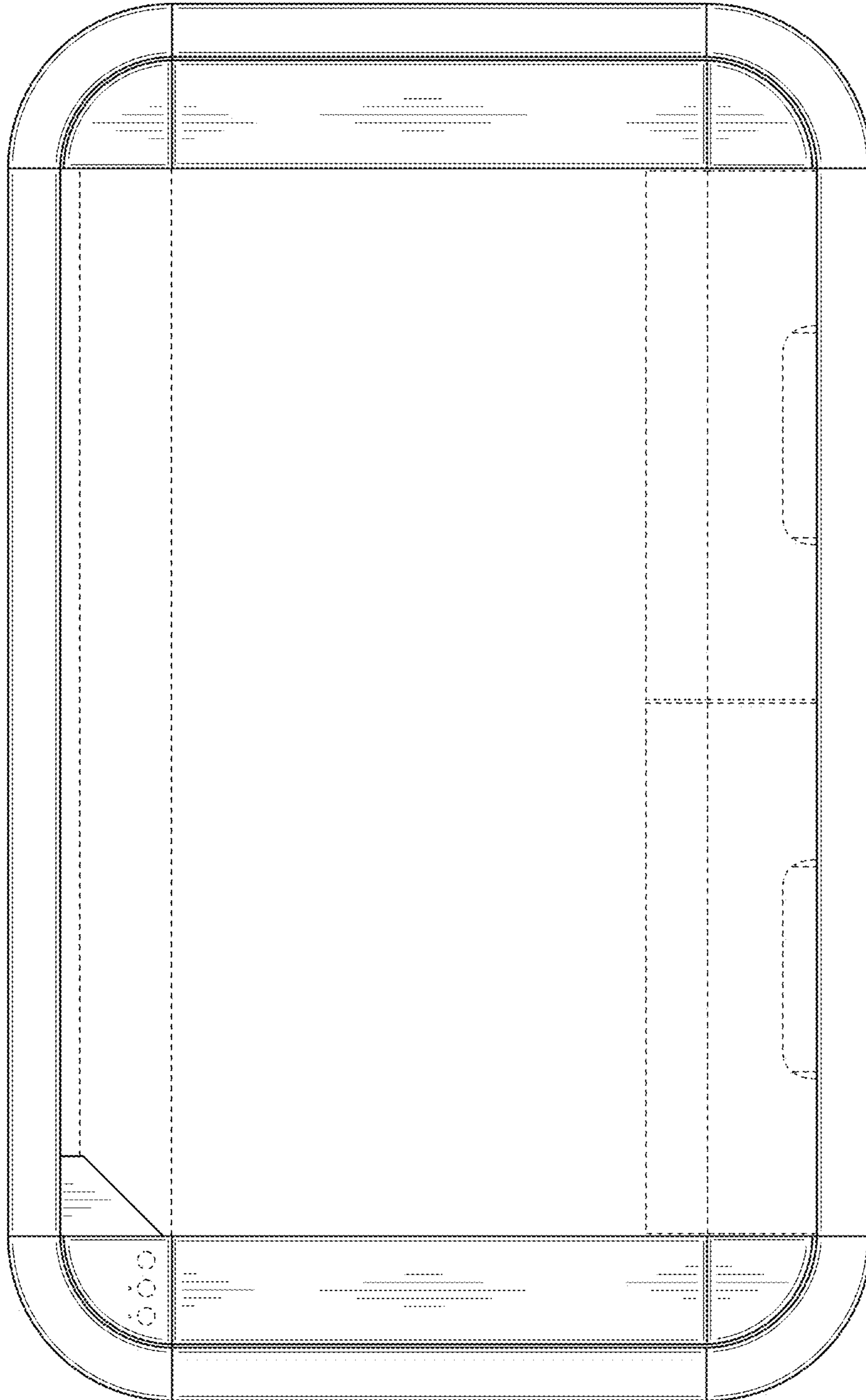


FIG. 2

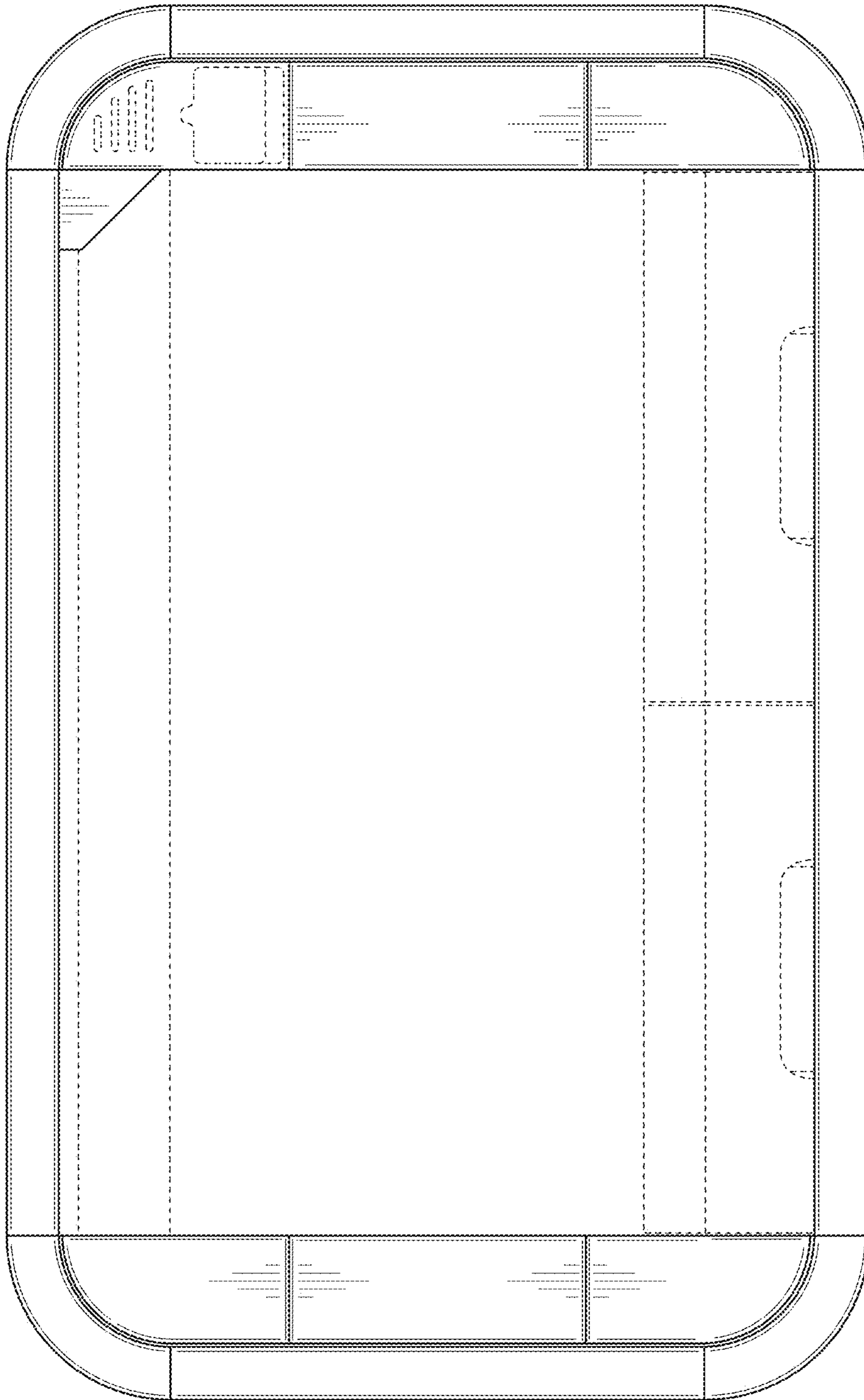


FIG. 3

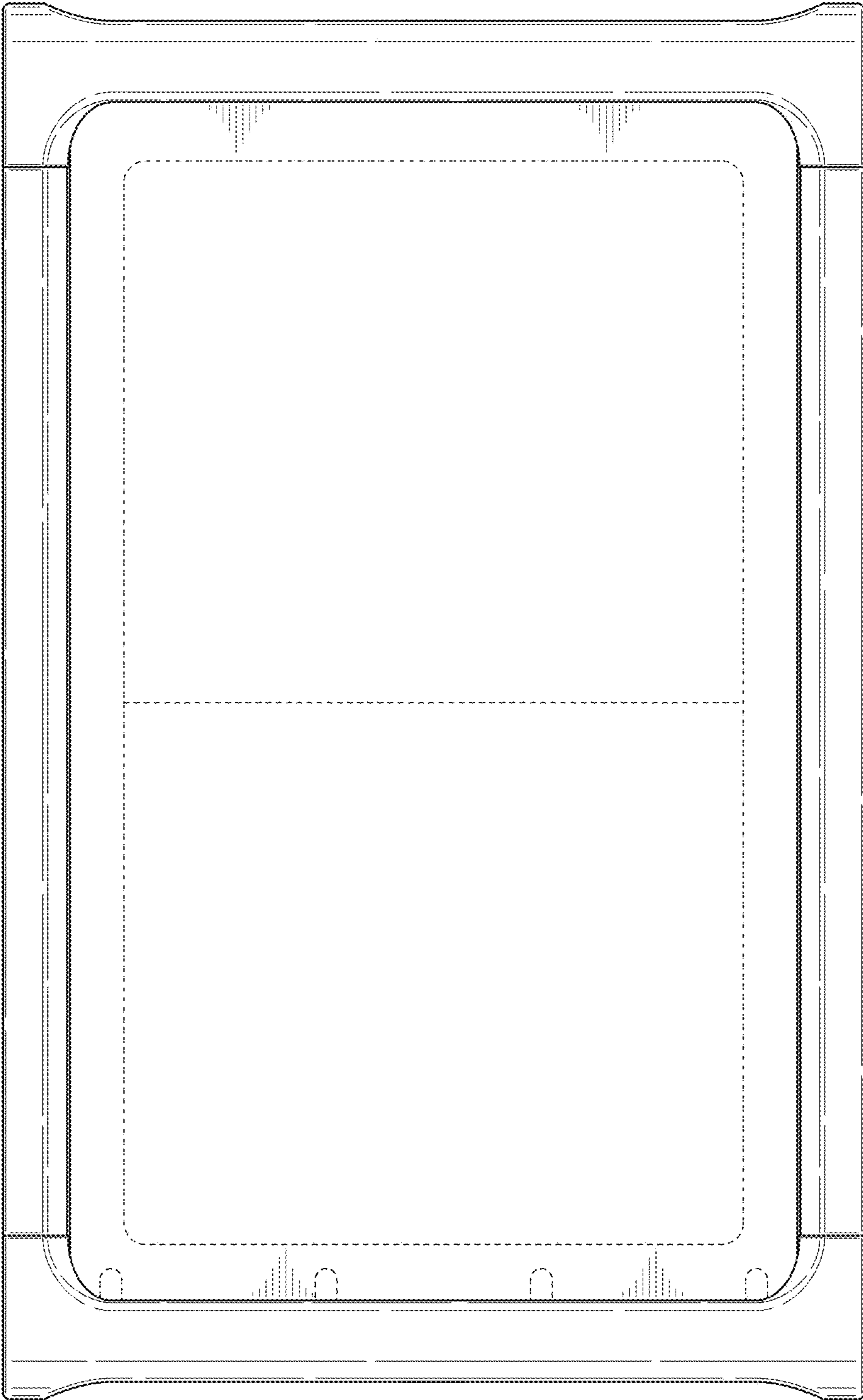


FIG. 4

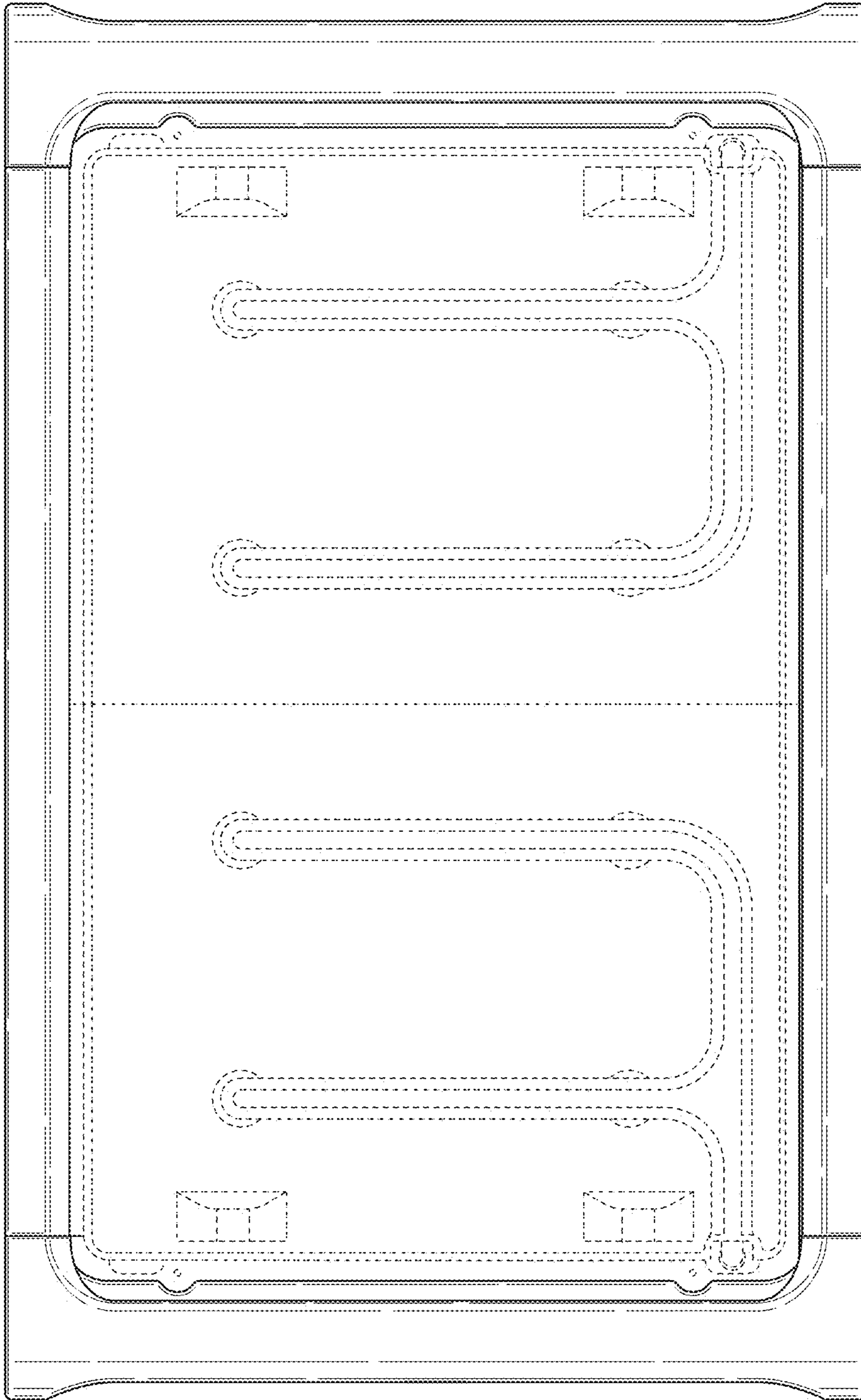


FIG. 5

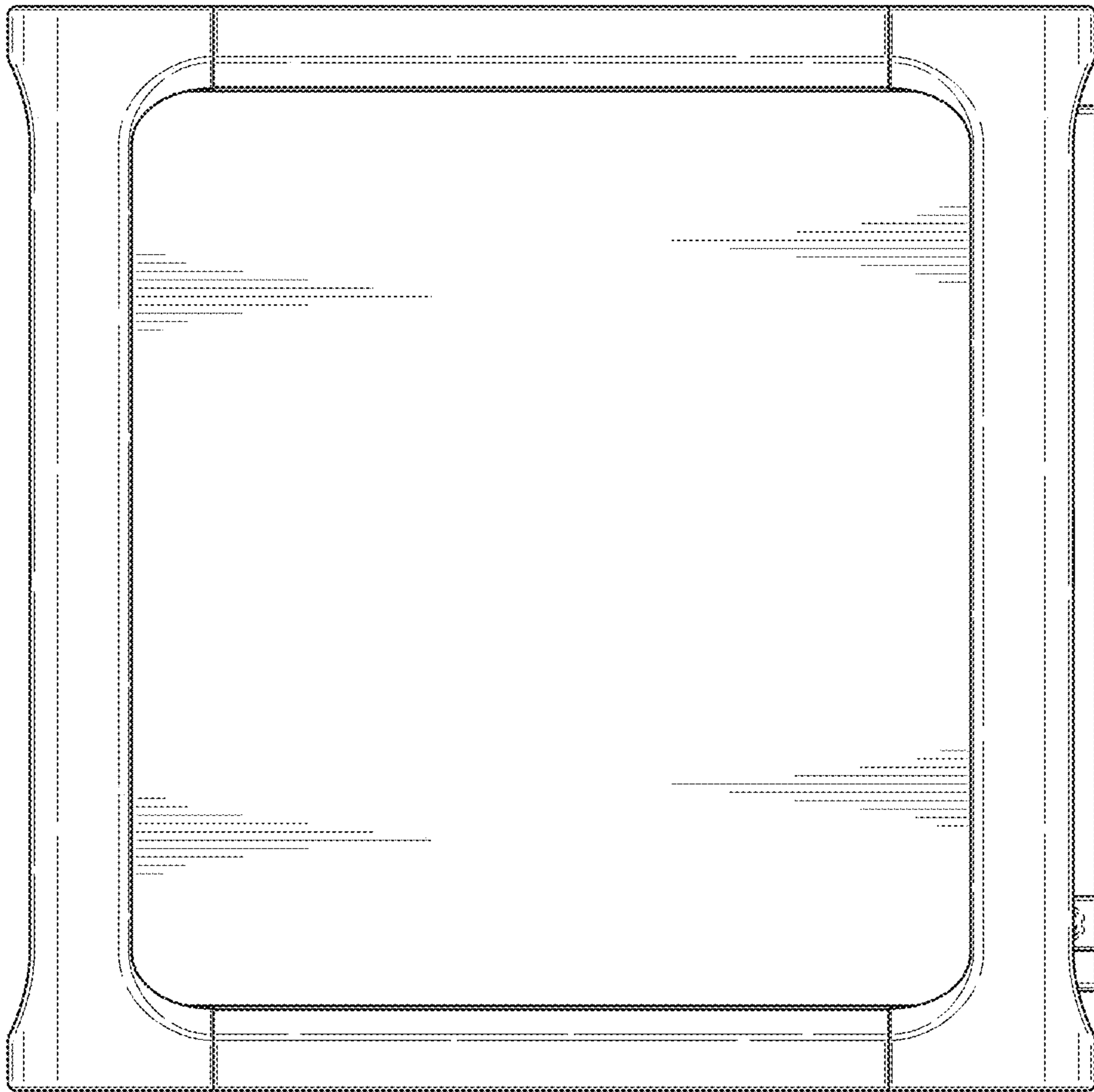


FIG. 6

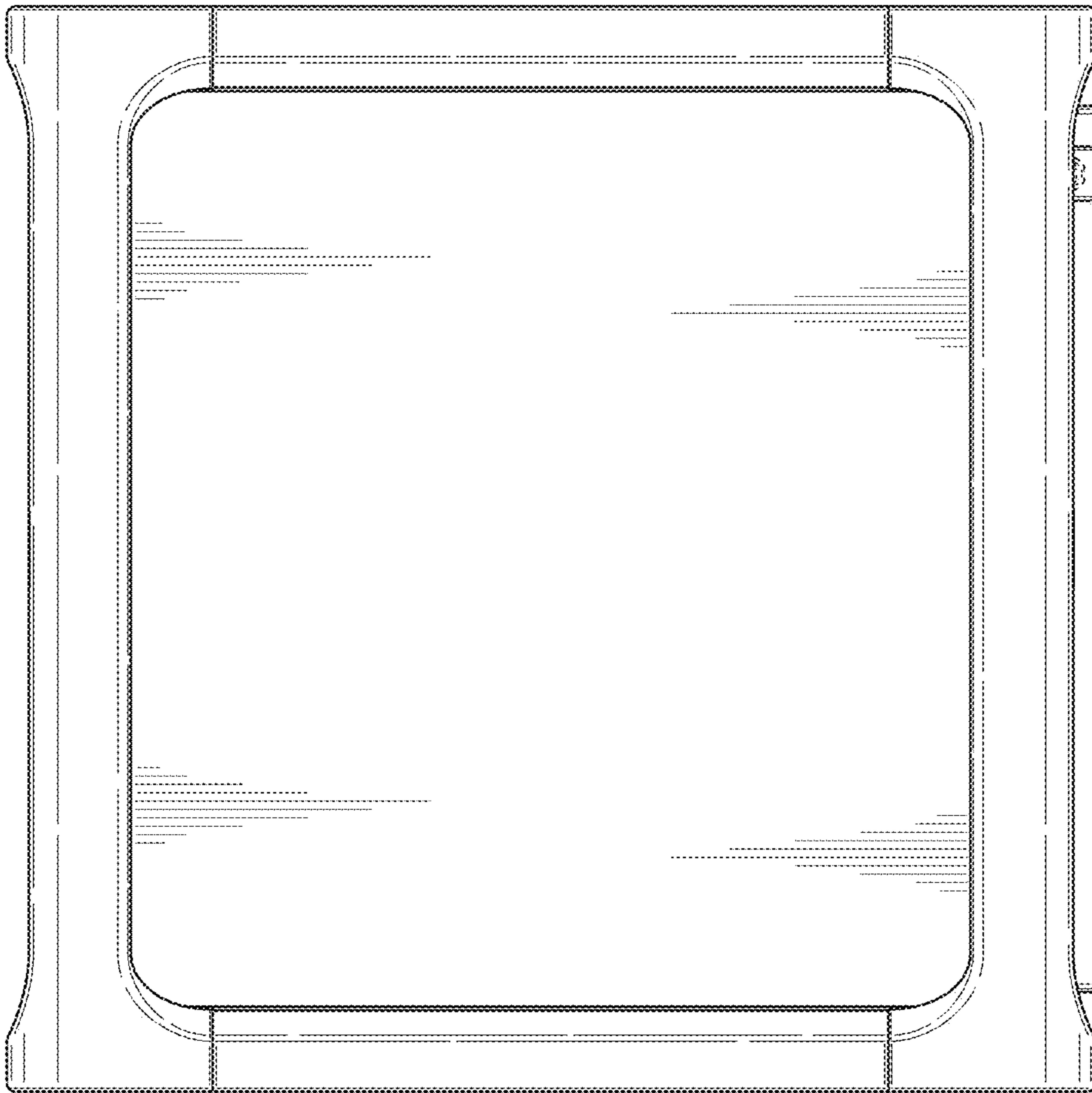


FIG. 7

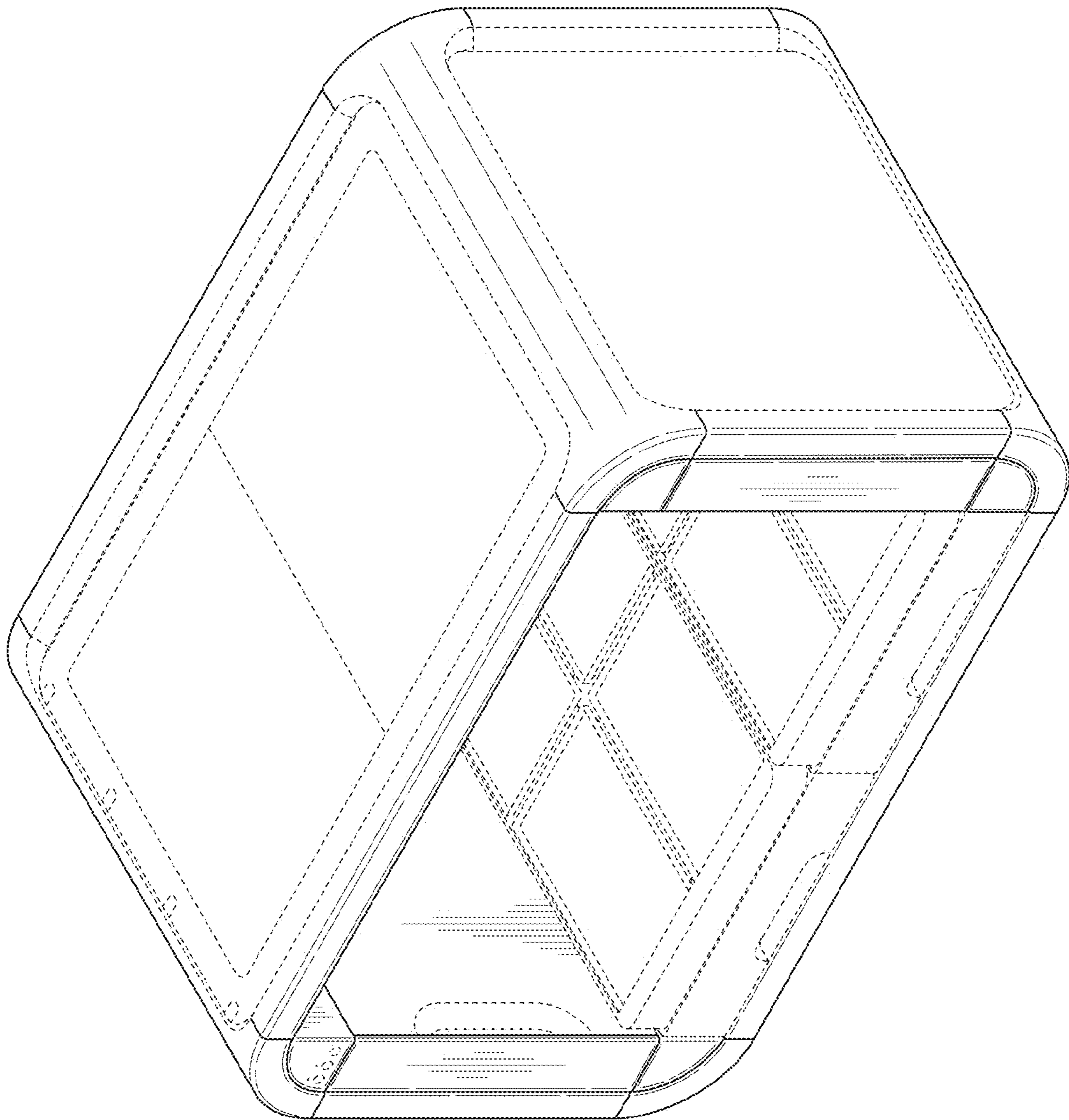


FIG. 8

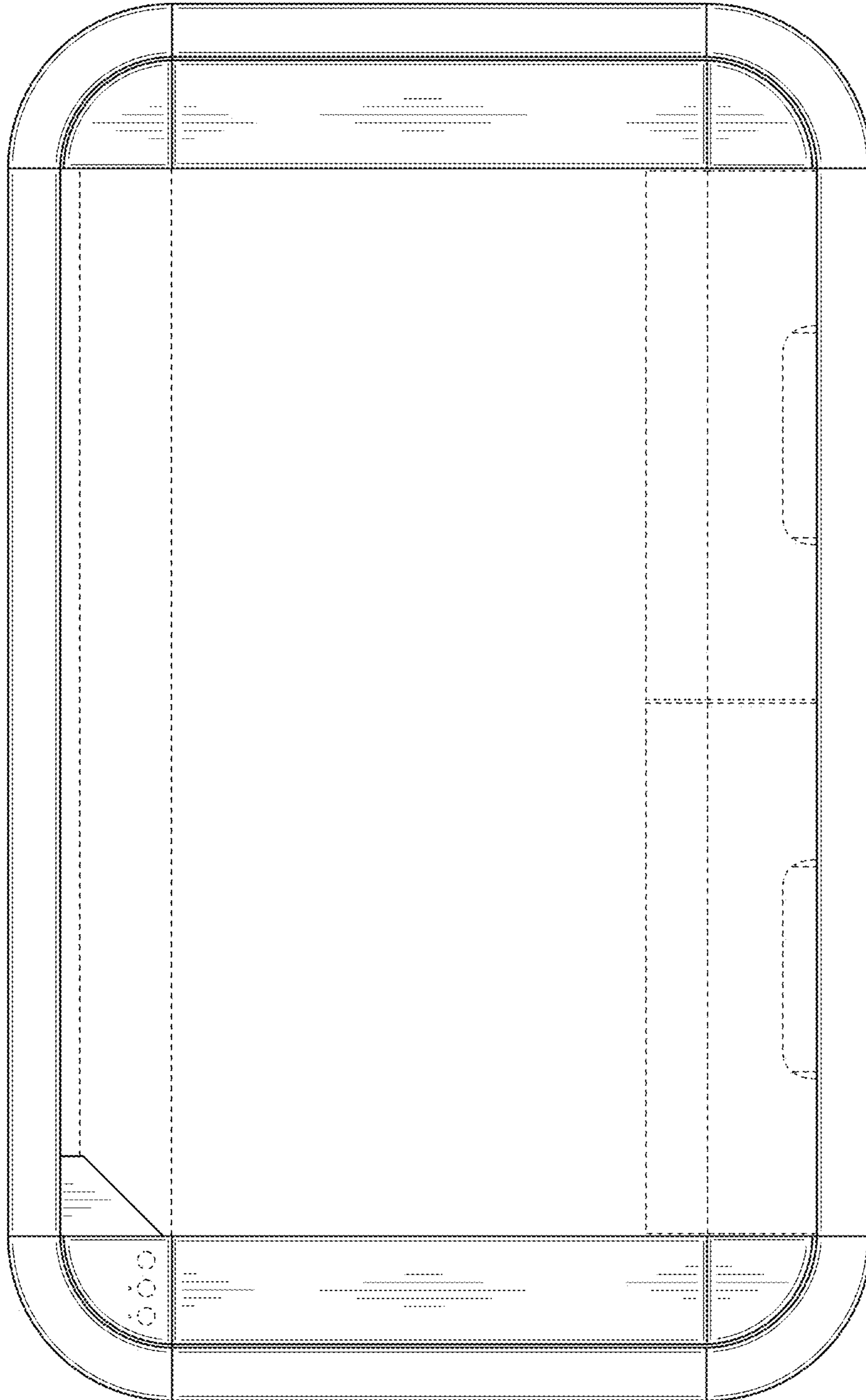


FIG. 9

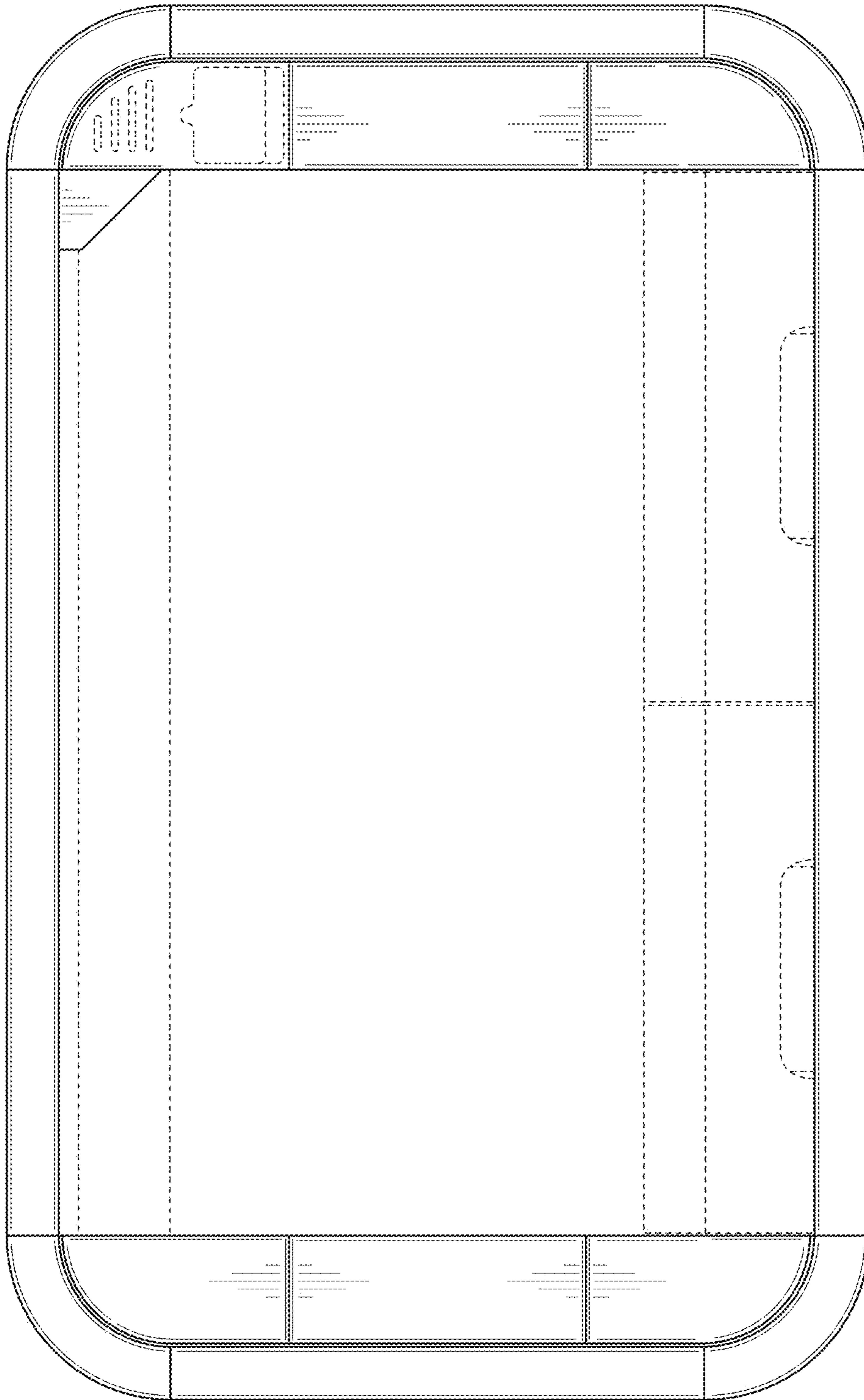


FIG. 10

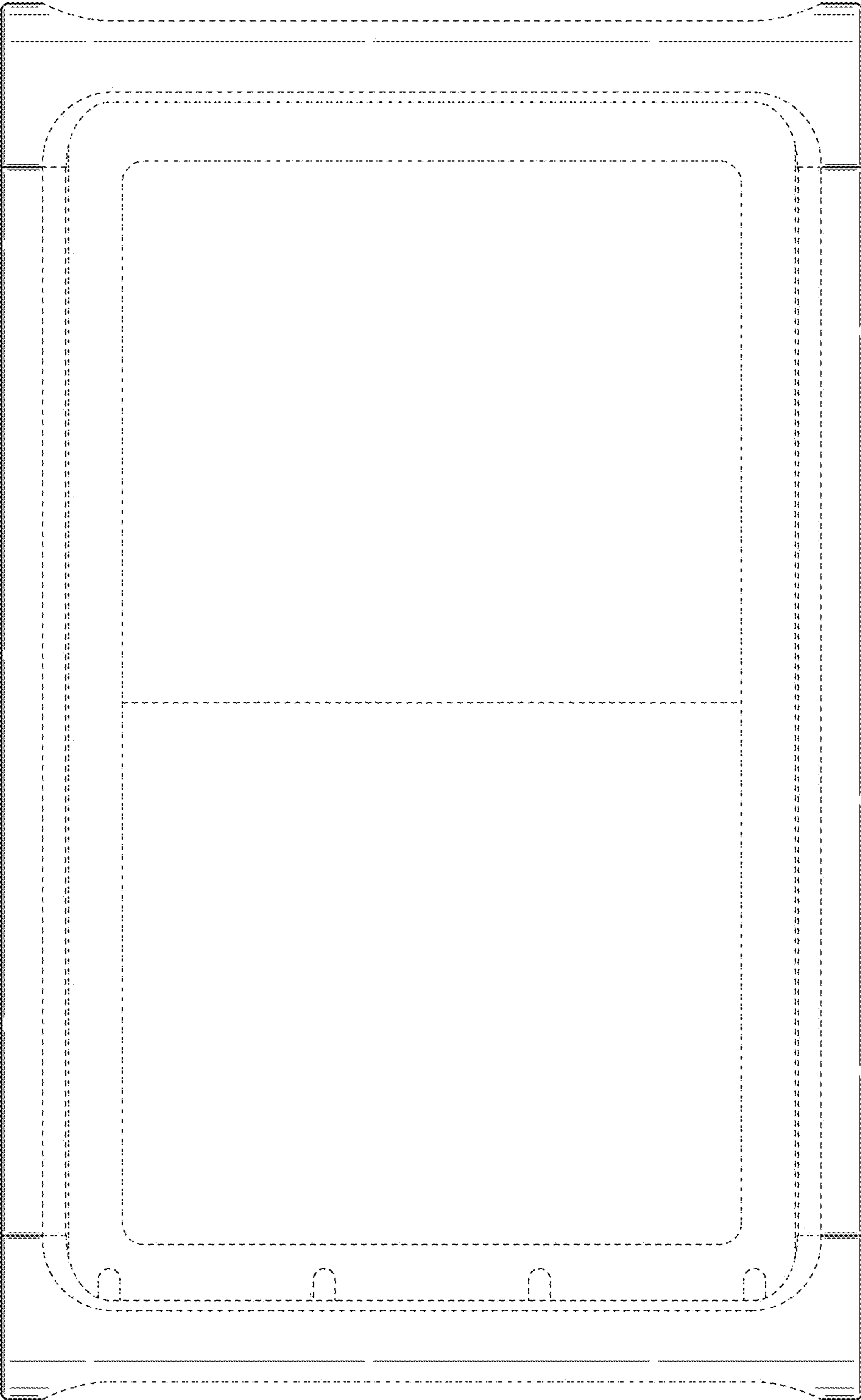


FIG. 11

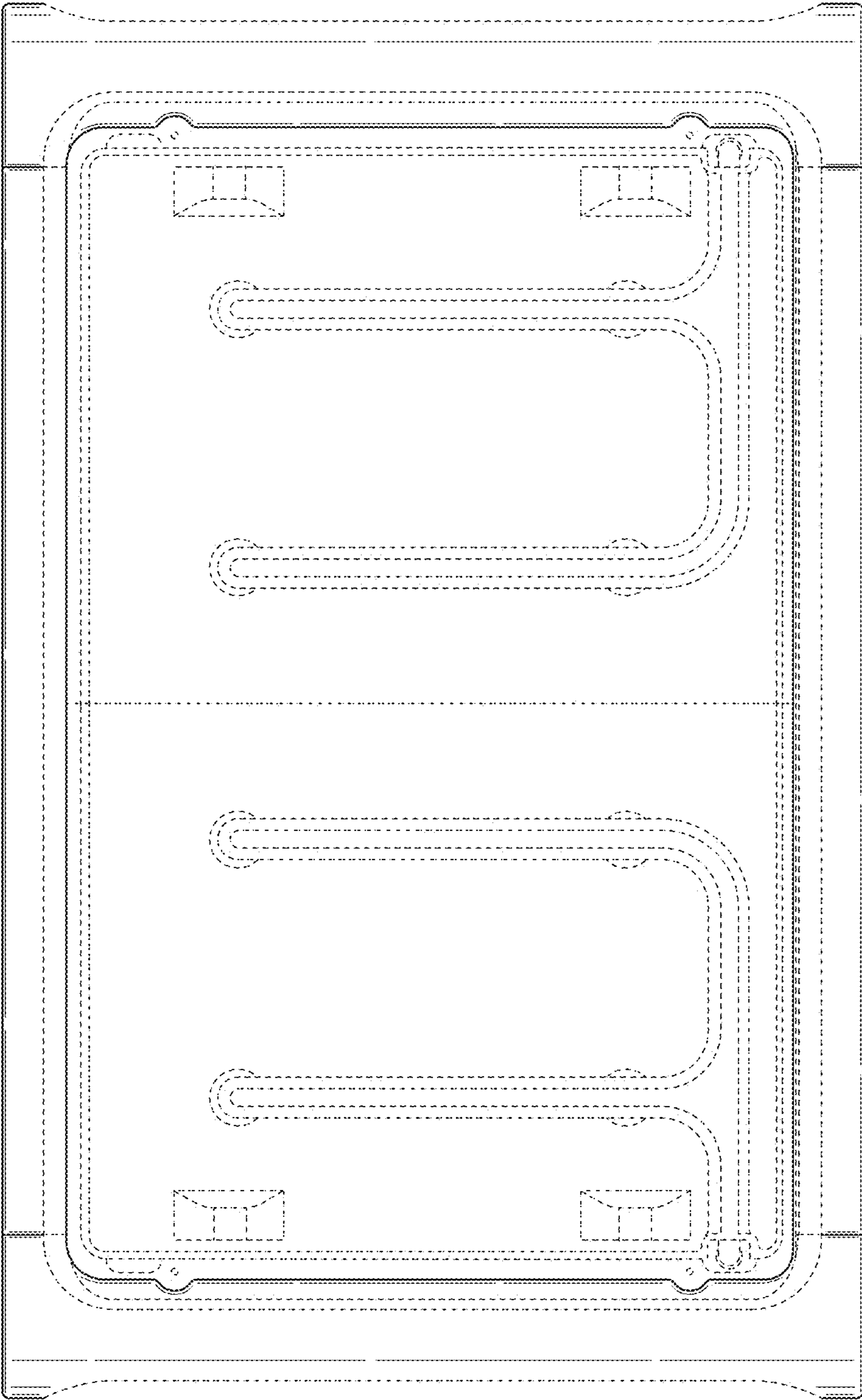


FIG. 12

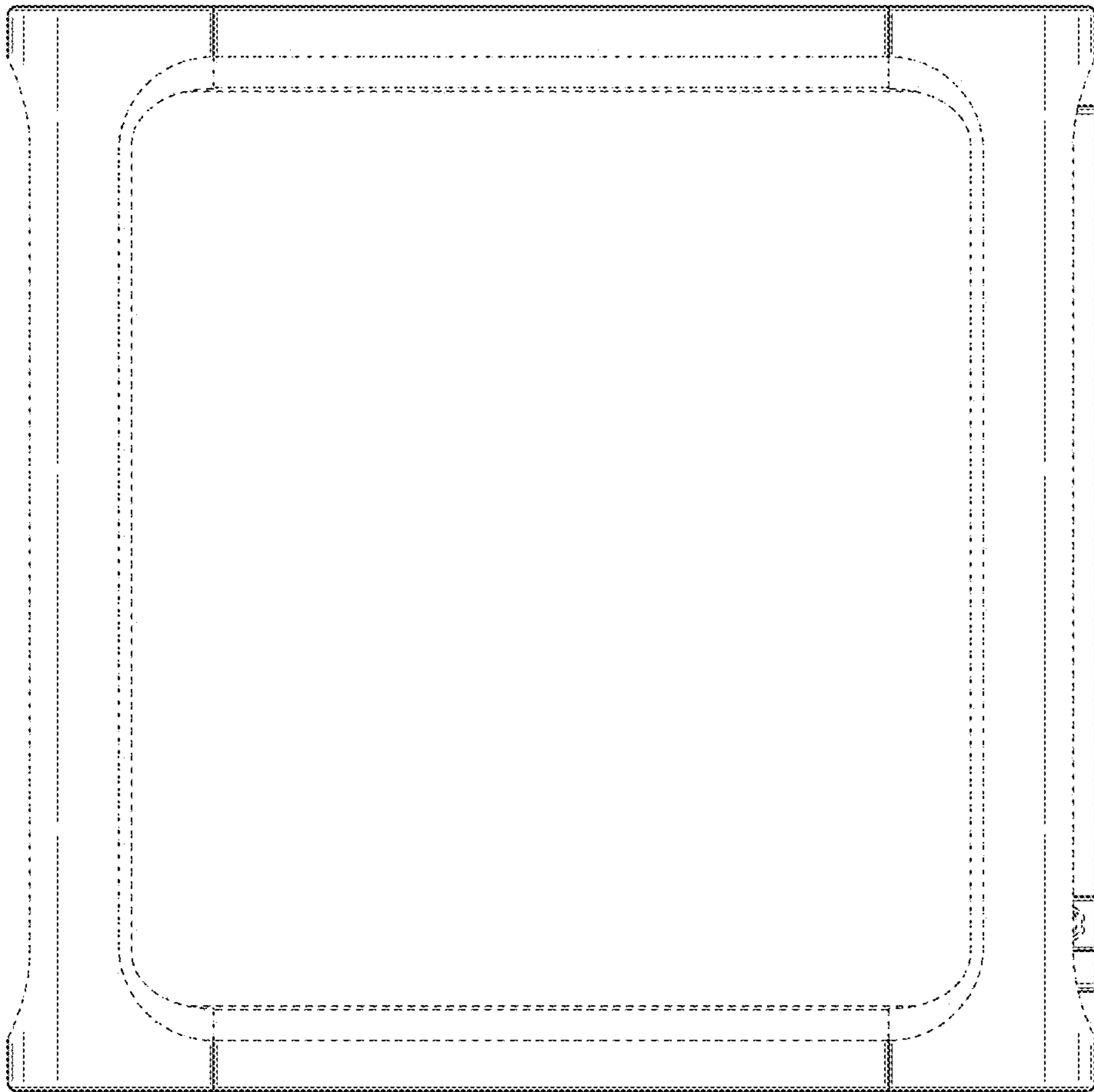


FIG. 13

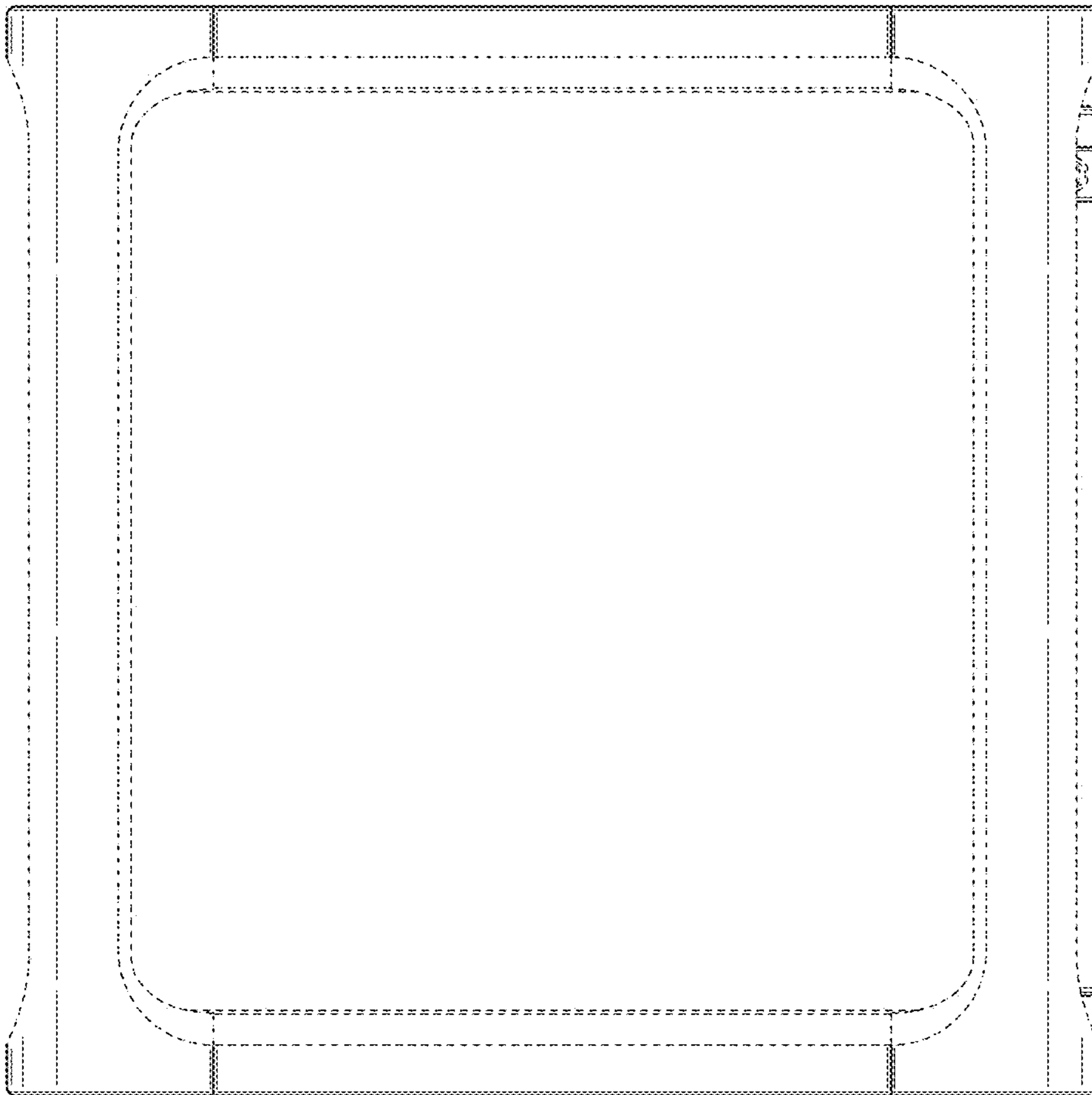
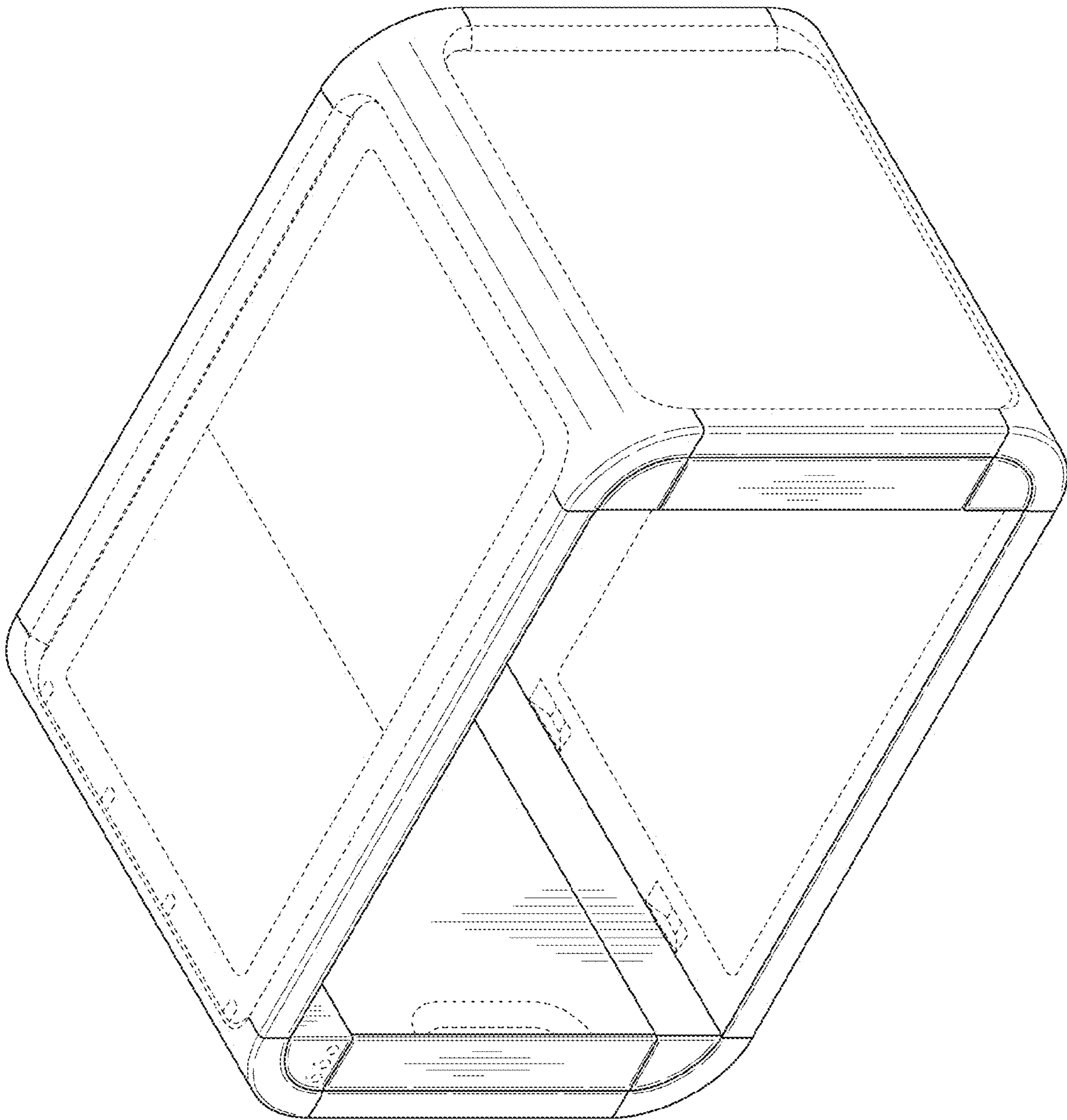


FIG. 14

FIG. 15



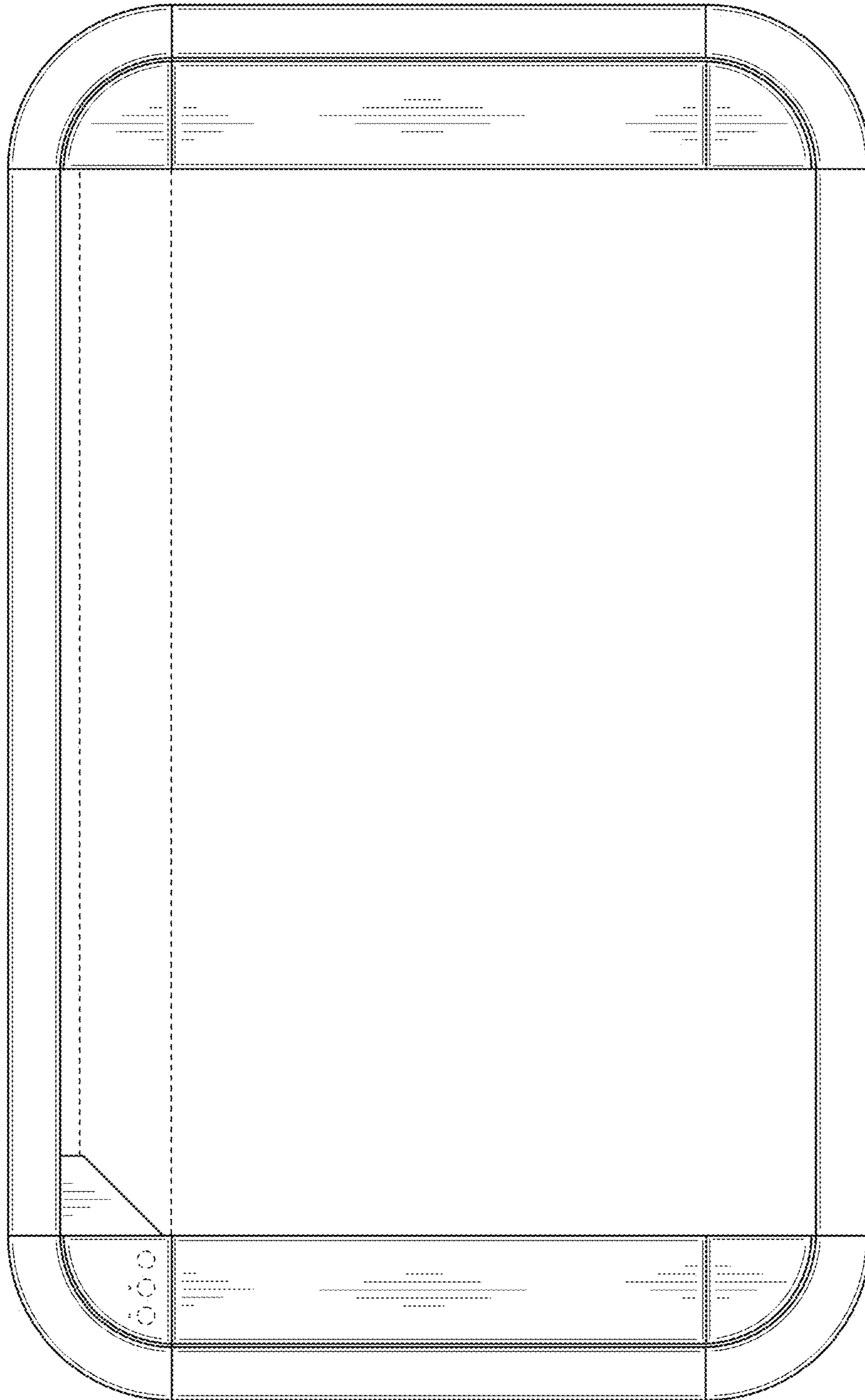


FIG. 16

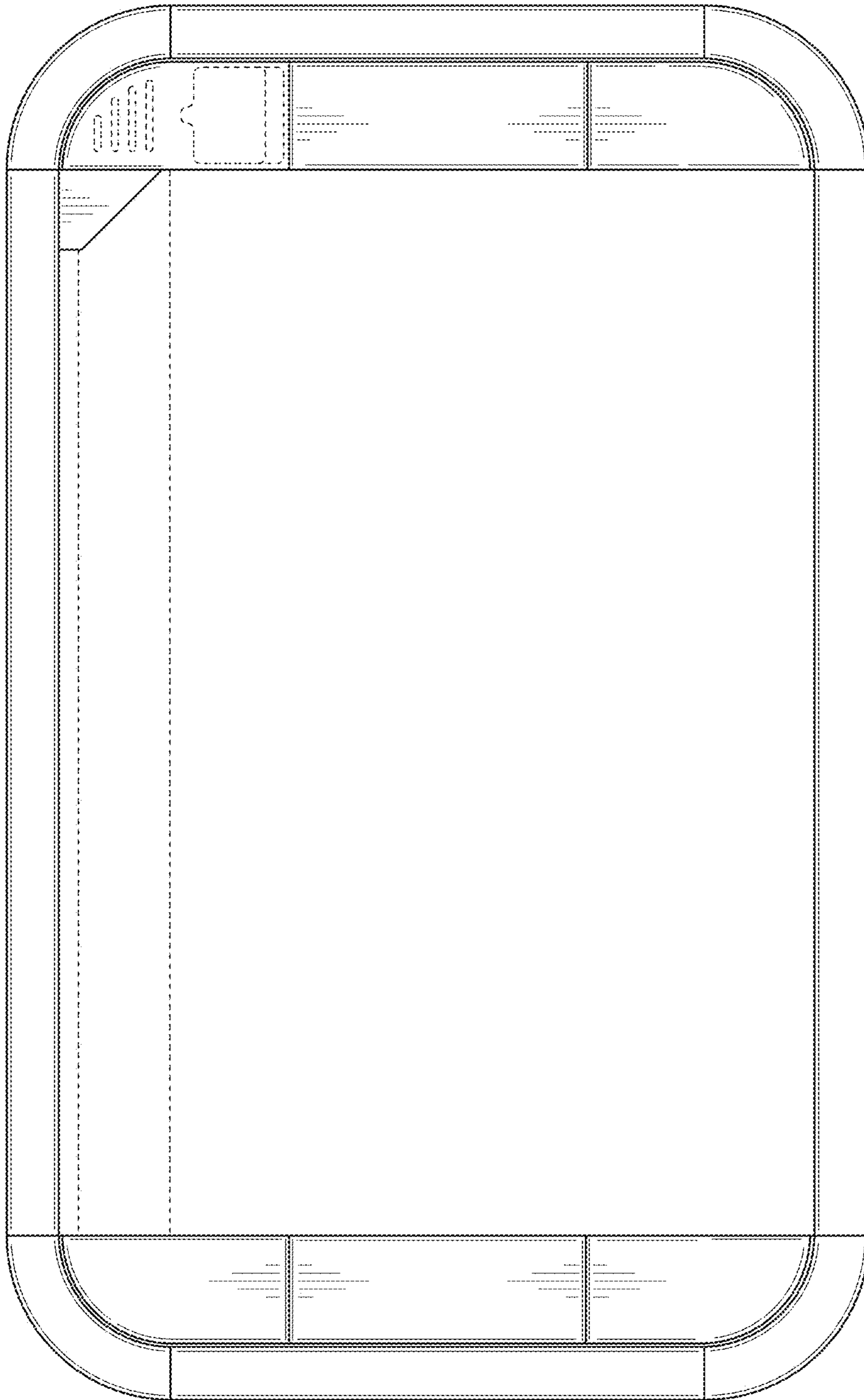


FIG. 17

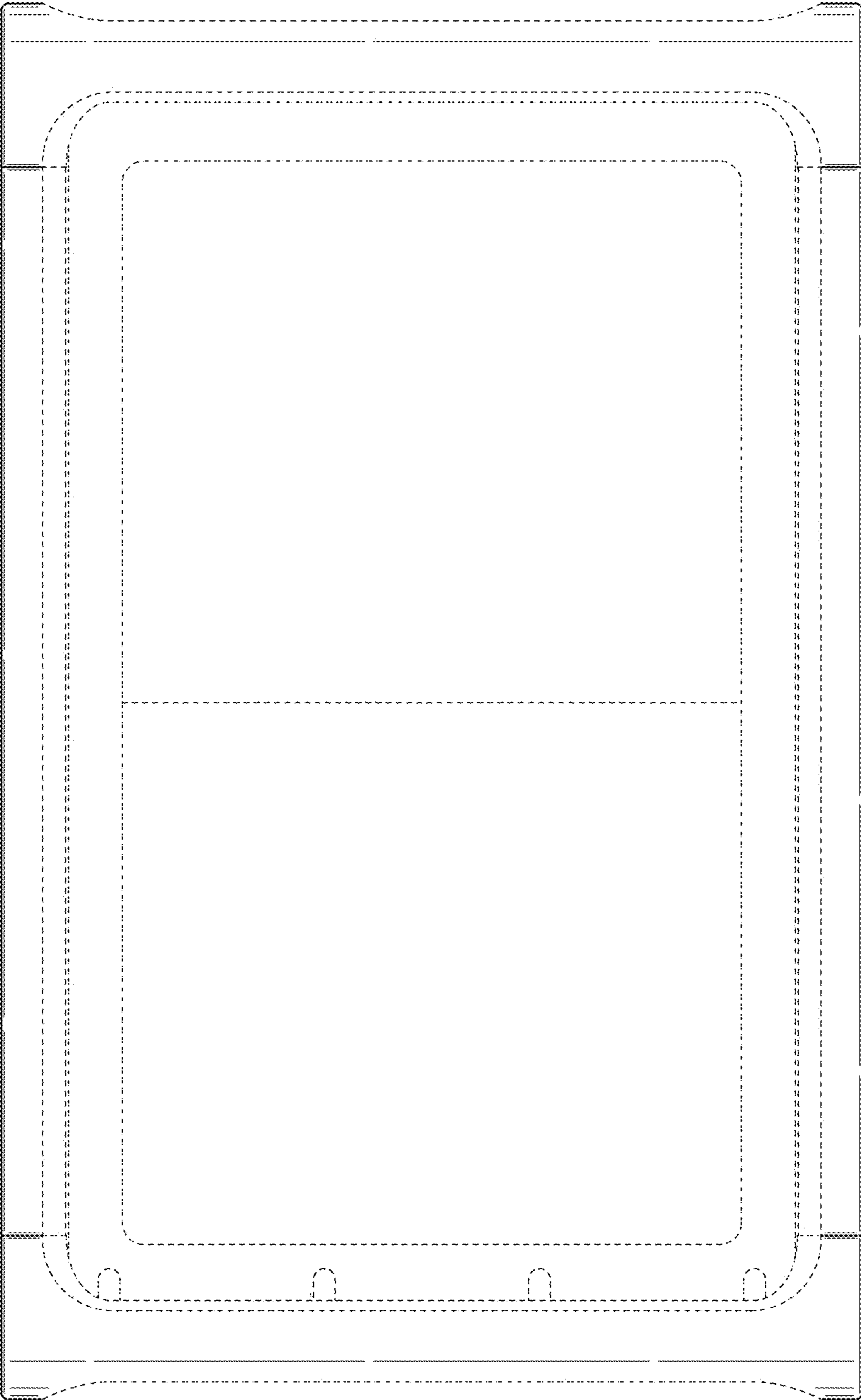


FIG. 18

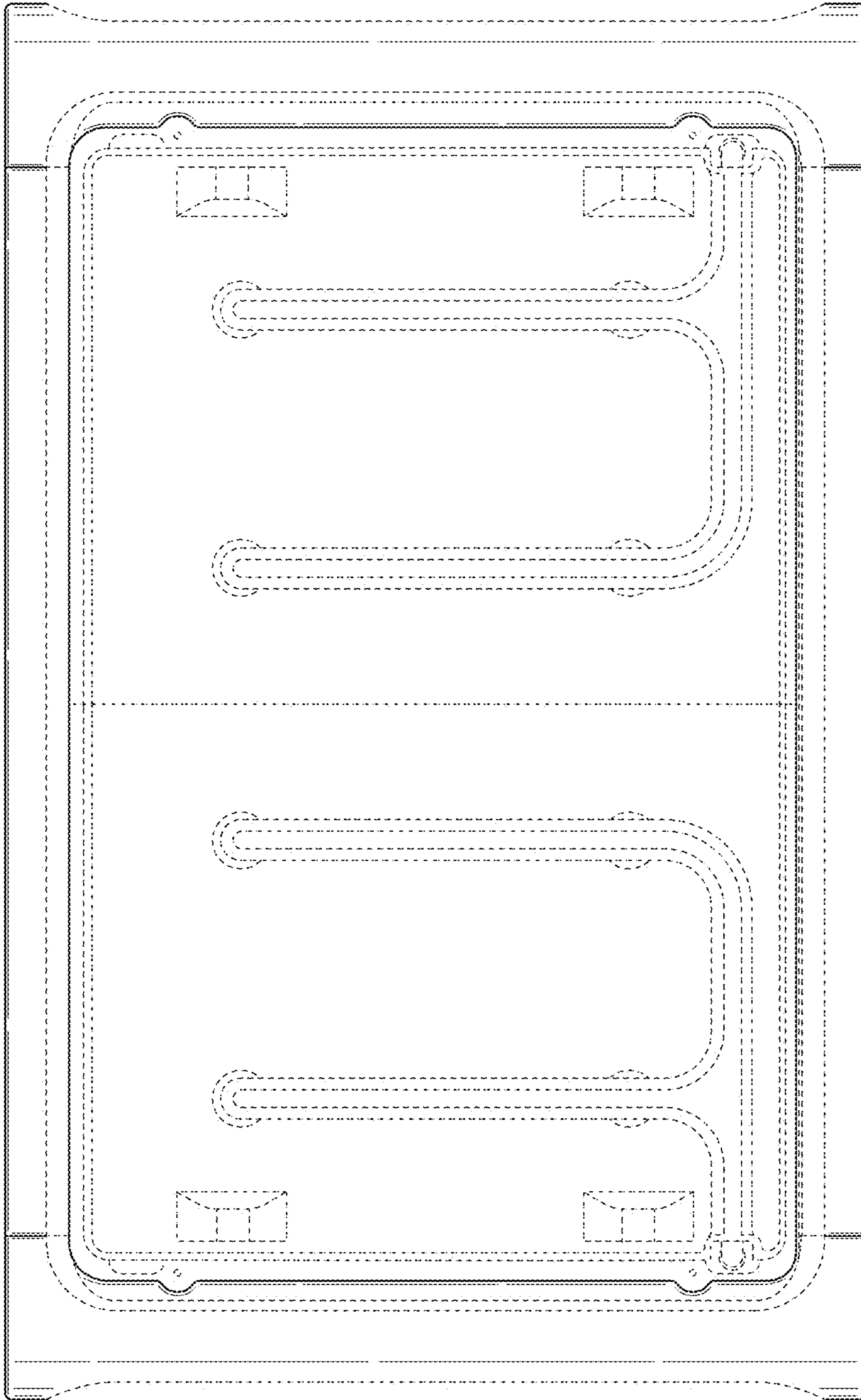


FIG. 19

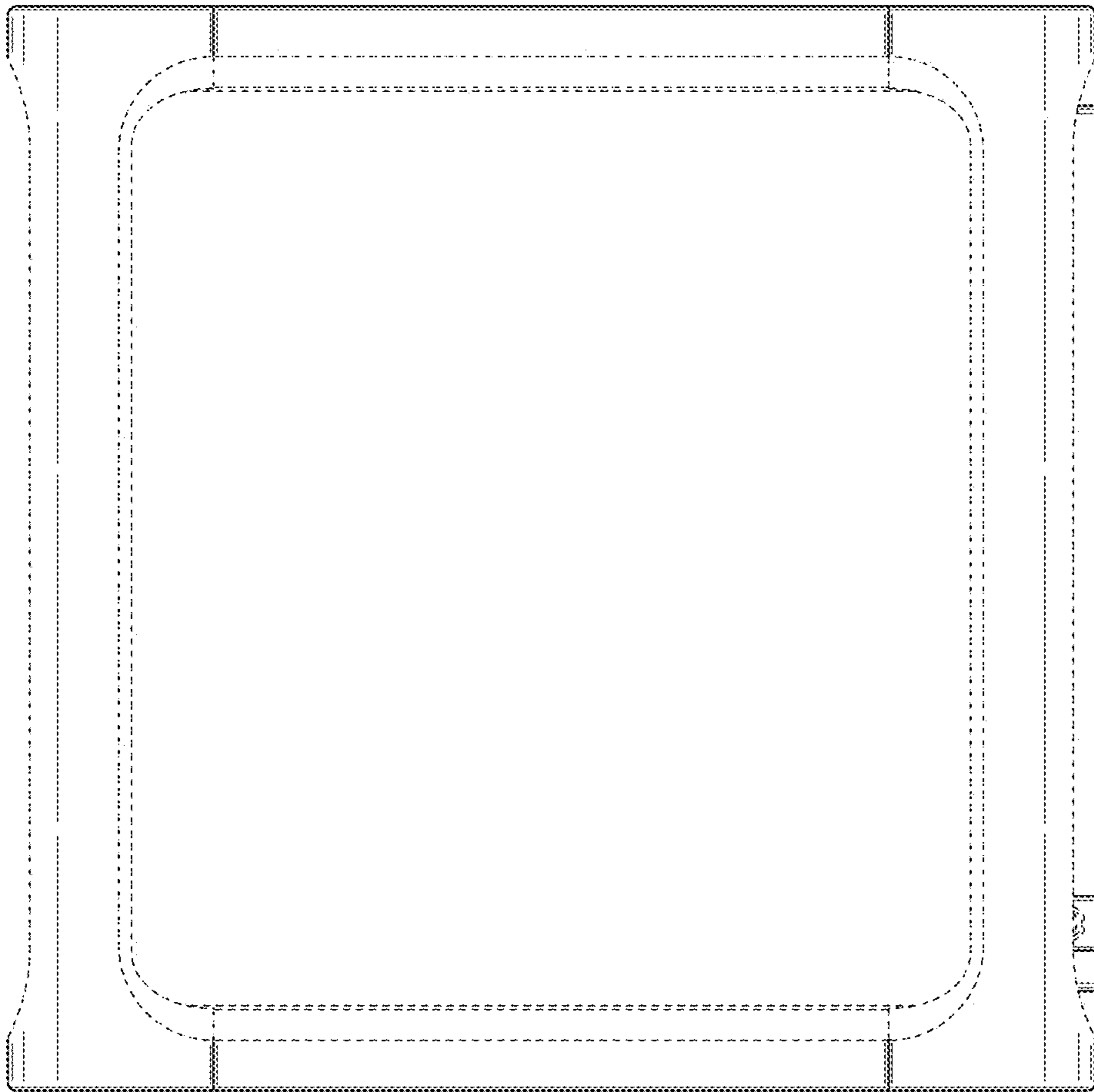


FIG. 20

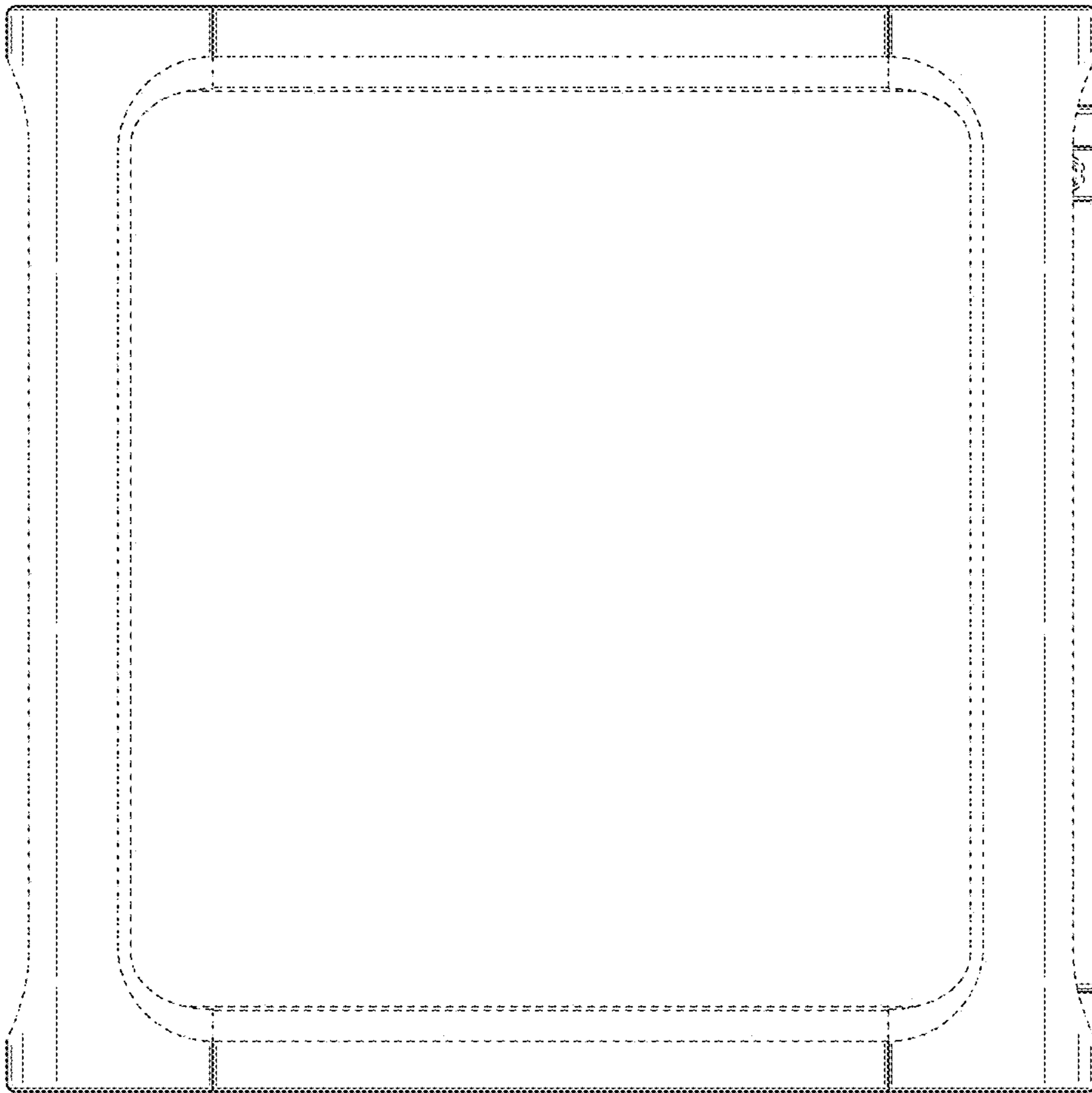


FIG. 21