US00D923197S

(12) United States Design Patent

Allegoren et al.

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(54) **SEQUENCING INSTRUMENT**

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(73) Assignee: **Illumina, Inc.**, San Diego, CA (US)

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

(21) Appl. No.: **29/717,774**

(22) Filed: **Dec. 19, 2019**

(51) **LOC (13) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/232**

(58) **Field of Classification Search**
USPC D24/107, 169, 185, 186, 216–219, D24/231–234; D10/81
CPC G01N 2035/00306; G01N 2035/00326; G01N 2035/00336; G01N 2030/027; G01N 21/6458; G01N 21/6484; G01N 21/6486; G01N 21/76; G01N 35/025; G01N 35/1085; G01N 2021/6432; C12Q 1/6869; C12Q 1/6806
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D560,131 S	*	1/2008	Hu	D24/186
D646,189 S	*	10/2011	Dinter	D10/81
D729,405 S		5/2015	Ramstad et al.	
D735,883 S		8/2015	Bauer et al.	
D737,459 S		8/2015	Kurihara et al.	
D751,728 S	*	3/2016	Latorraca	D24/232
D774,659 S		12/2016	Quackenbush et al.	

(Continued)

OTHER PUBLICATIONS

MGI launches first "benchtop" sequencing laboratory and automation products.—MGI. Oct. 25, 2019.*

(Continued)

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(74) *Attorney, Agent, or Firm* — Heslin Rothenberg Farley & Mesiti, P.C.

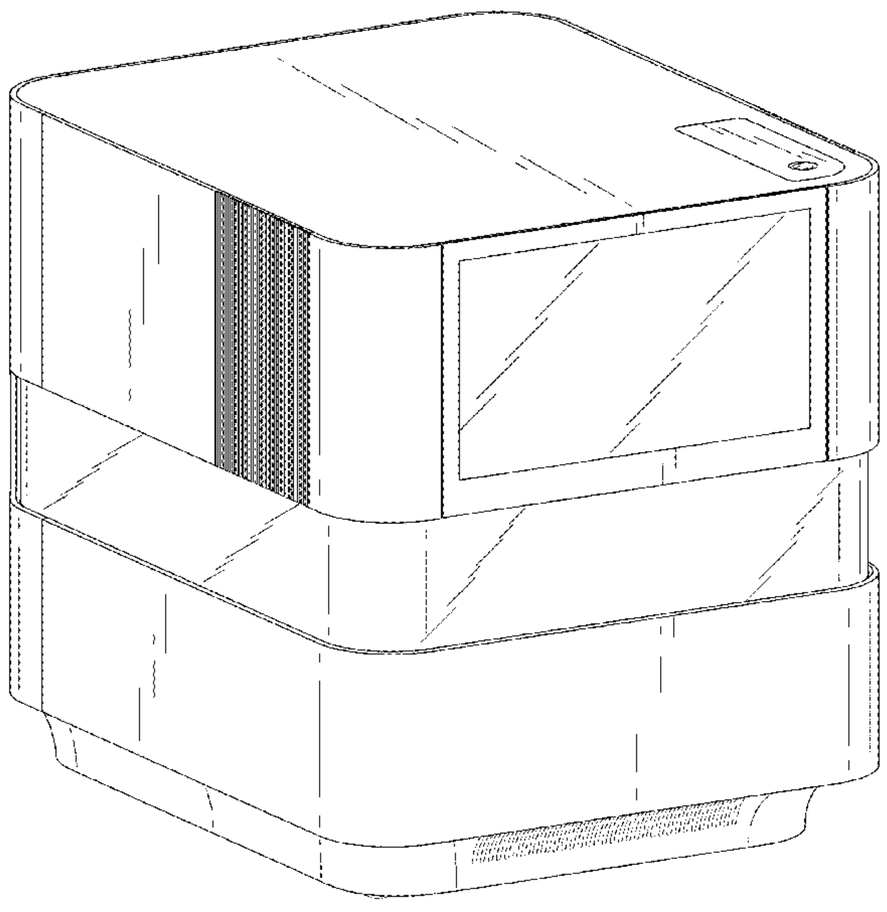
(57) **CLAIM**

We claim the ornamental design for a sequencing instrument, as shown and described.

DESCRIPTION

FIG. **1** is a front, top left perspective view of a sequencing instrument with the display closed and in resting position, illustrating our new design;
FIG. **2** is a rear, bottom left perspective view of the design of FIG. **1**;
FIG. **3** is a front elevational view of the design of FIG. **1**;
FIG. **4** is a rear elevational view of the design of FIG. **1**;
FIG. **5** is a left side elevational view of the design of FIG. **1**;
FIG. **6** is a right side elevational view of the design of FIG. **1**;
FIG. **7** is a top plan view of the design of FIG. **1**;
FIG. **8** is a bottom plan view of the design of FIG. **1**;
FIG. **9** is a front, top left perspective view of the design shown in FIG. **1** with the display in an extended position;
FIG. **10** is a front elevational view of the design of FIG. **9**;
FIG. **11** is a left side elevational view of the design of FIG. **9**;
FIG. **12** is a right side elevational view of the design of FIG. **9**;
FIG. **13** is a top plan view of the design of FIG. **9**; and,
FIG. **14** is a bottom plan view of the design of FIG. **9**.
The broken lines shown in the drawings illustrate portions of the sequencing instrument that form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D782,690	S		3/2017	Kurihara
D794,211	S		8/2017	Ang et al.
D802,156	S	*	11/2017	Barton D24/216
D802,785	S	*	11/2017	Barton D24/216
D843,005	S		3/2019	Kobeli et al.
D848,020	S		5/2019	Kobeli et al.
D855,823	S		8/2019	Williamson et al.
D875,963	S	*	2/2020	Gruen D24/216
D887,296	S	*	6/2020	Stone D24/216
D900,331	S	*	10/2020	Livingston D24/216
2015/0226759	A1	*	8/2015	Connolly G01N 35/025 435/287.3
2020/0110108	A1		4/2020	Cox-Muranami et al.
2020/0171502	A1		6/2020	Kumar et al.

OTHER PUBLICATIONS

Allegoren et al., "Light Visor for Sequencing Instrument", U.S. Appl. No. 29/717,775, filed Dec. 19, 2019.
Allegoren et al., "Sequencing Instrument", U.S. Appl. No. 29/717,776, filed Dec. 19, 2019.
Dye et al., "Sequencing Instrument Light Visor", U.S. Appl. No. 29/720,284, filed Jan. 10, 2020.

* cited by examiner

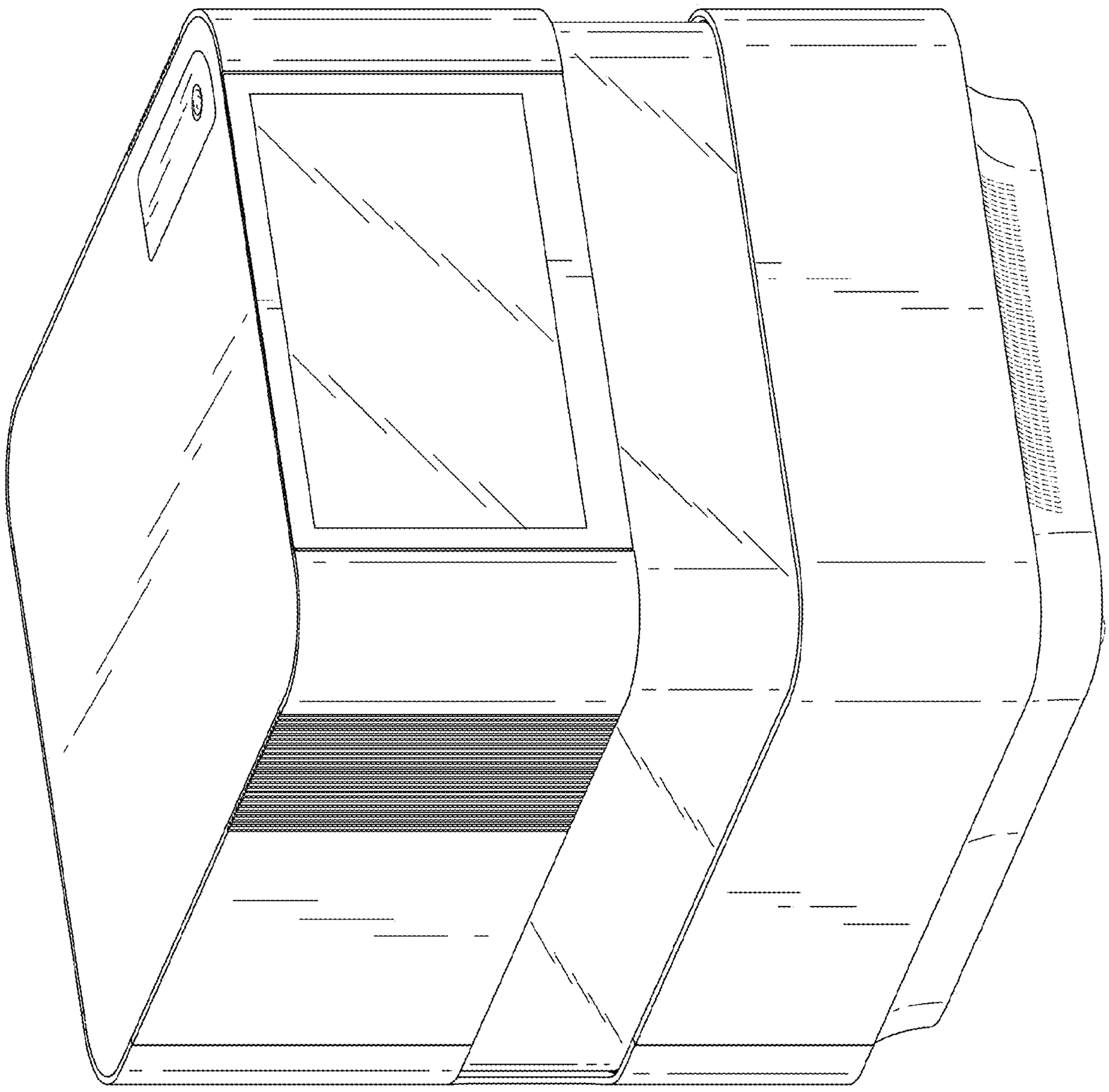


FIG. 1

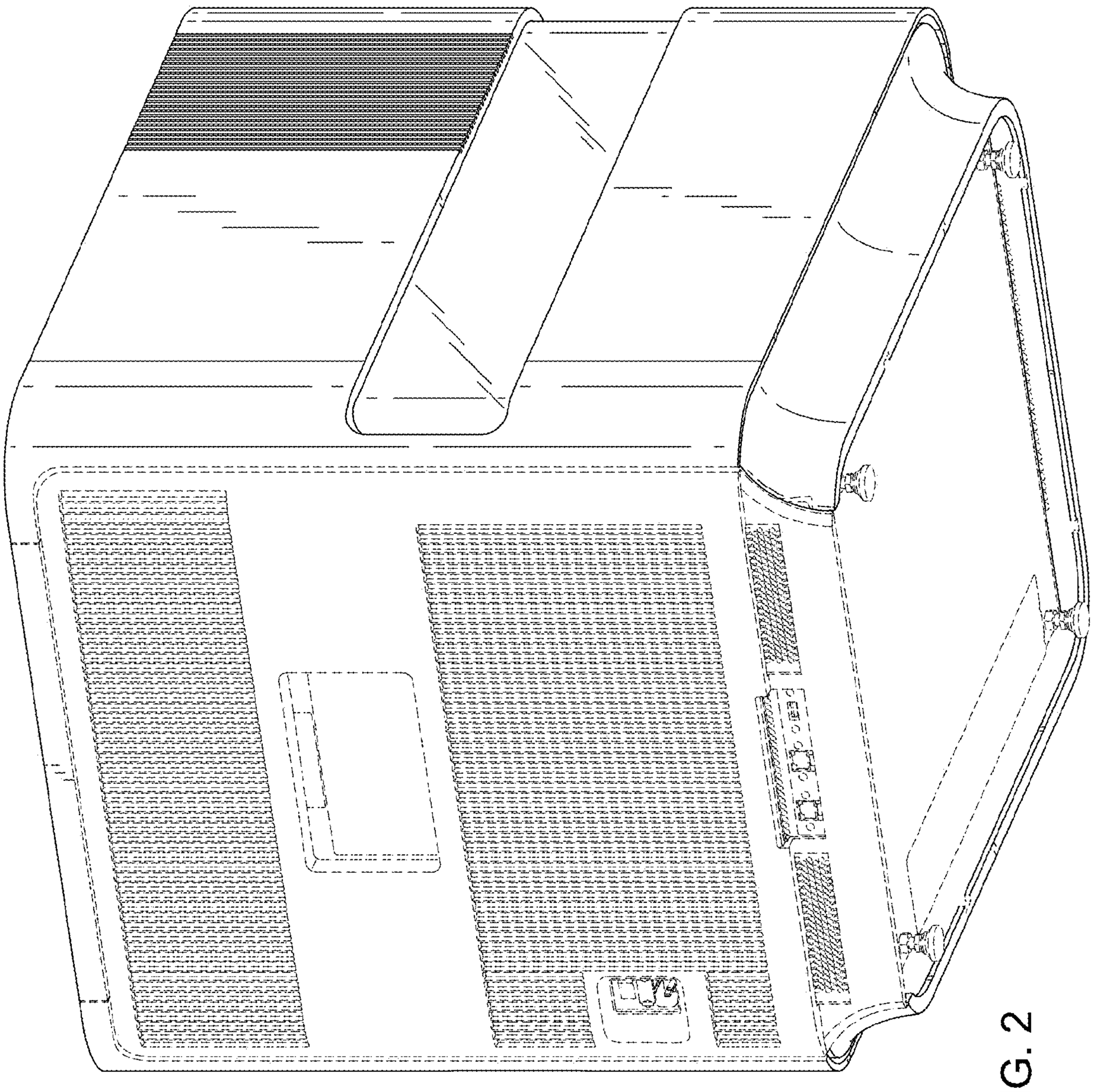


FIG. 2

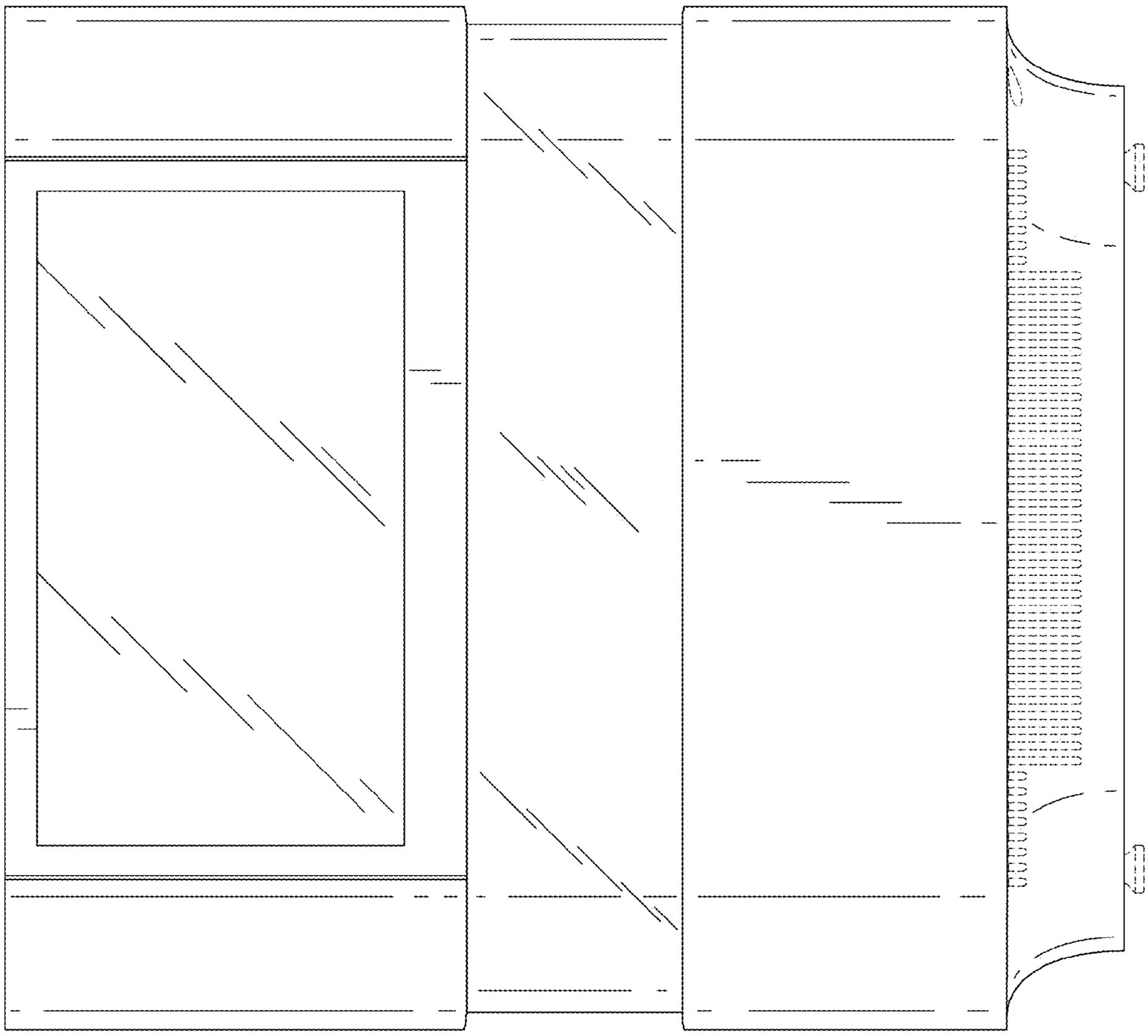


FIG. 3

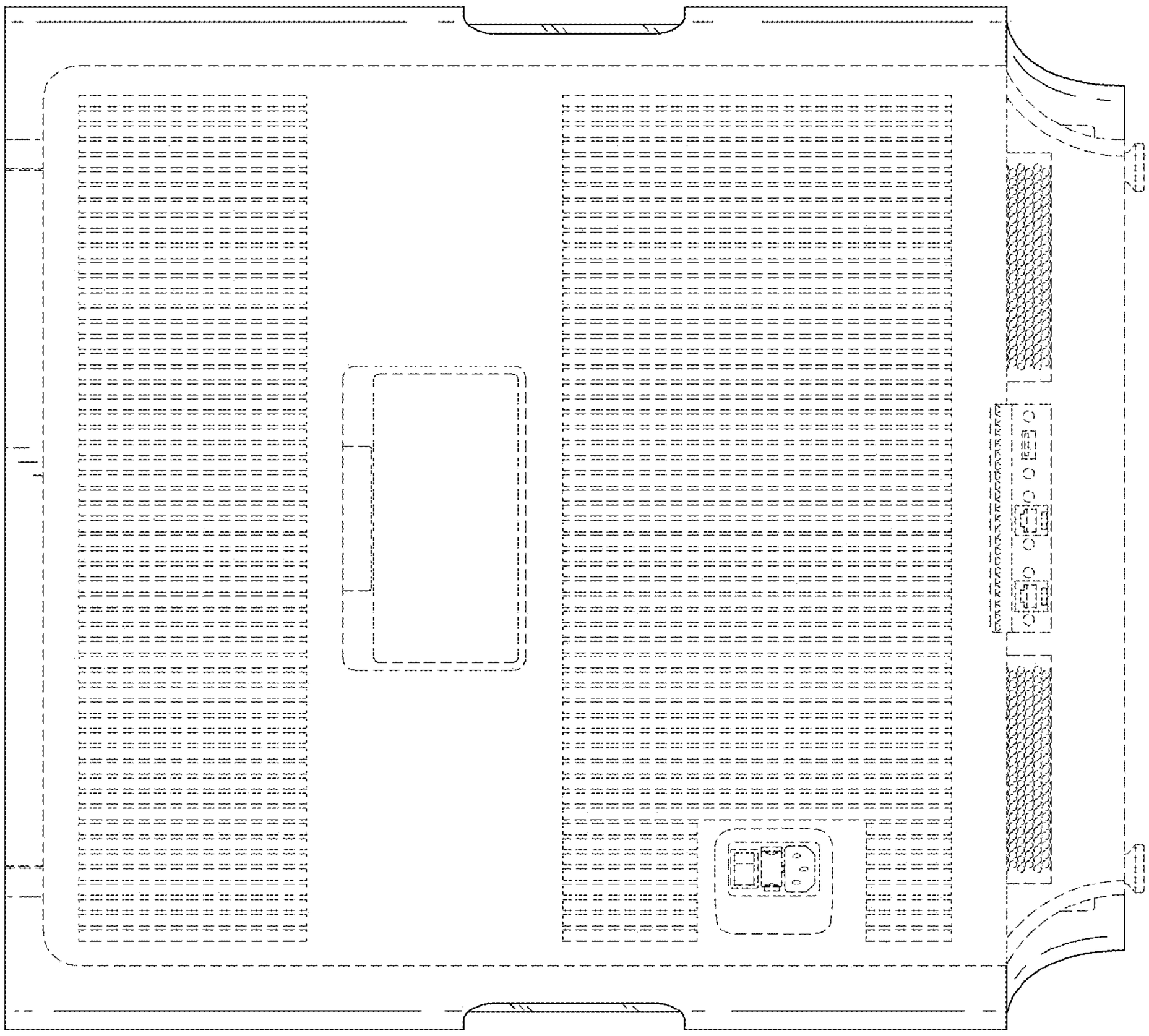


FIG. 4

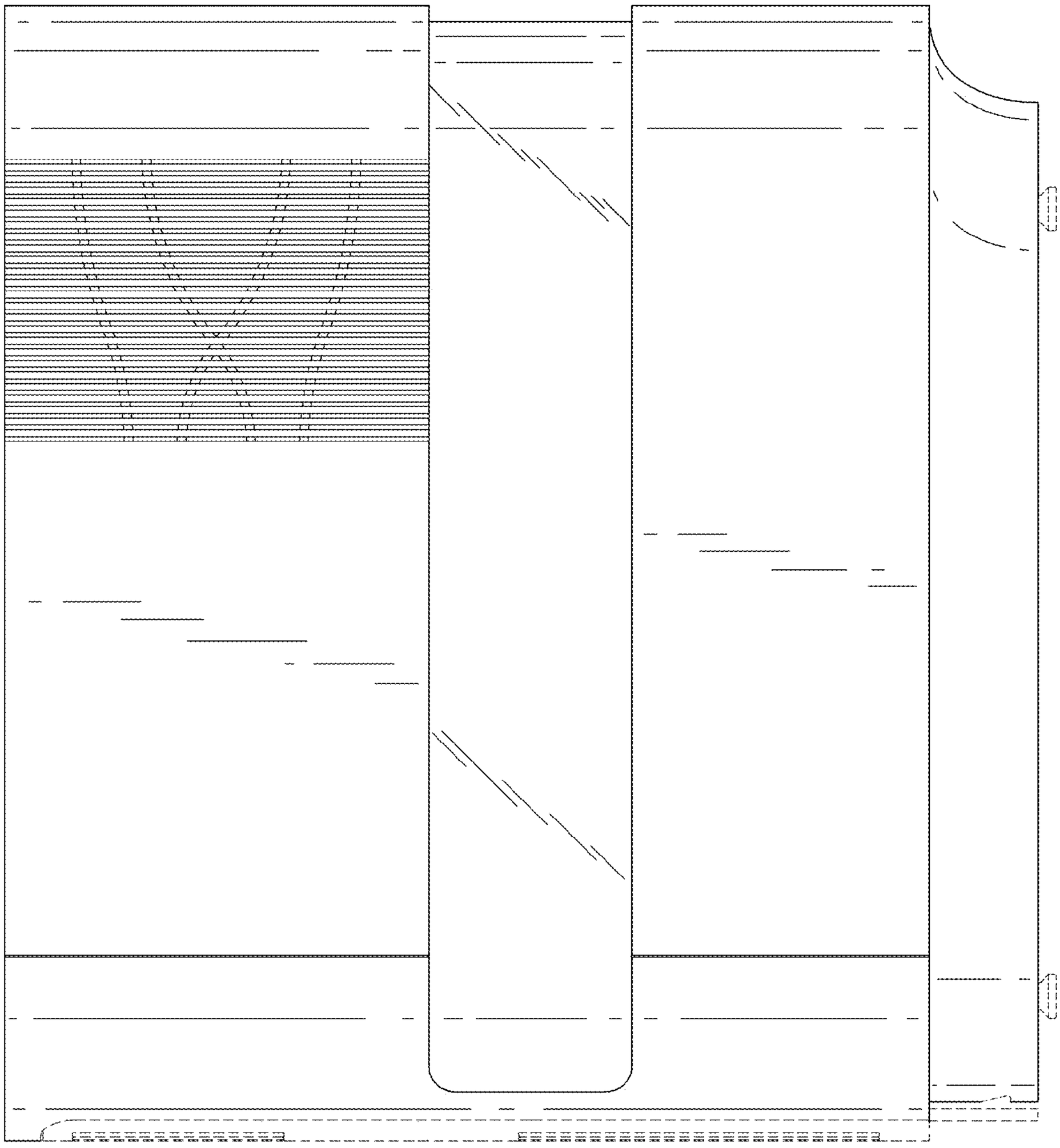


FIG. 5

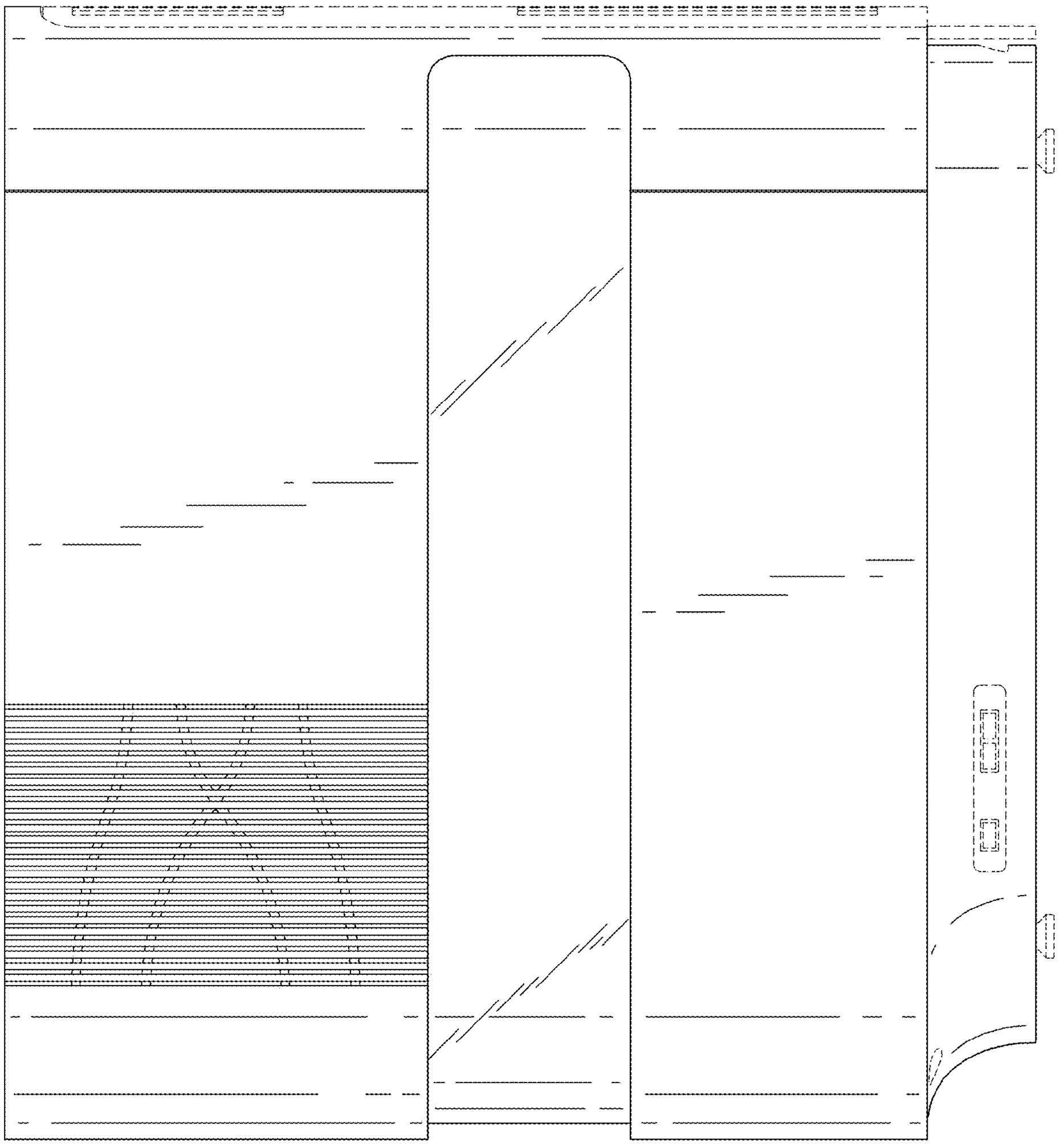


FIG. 6

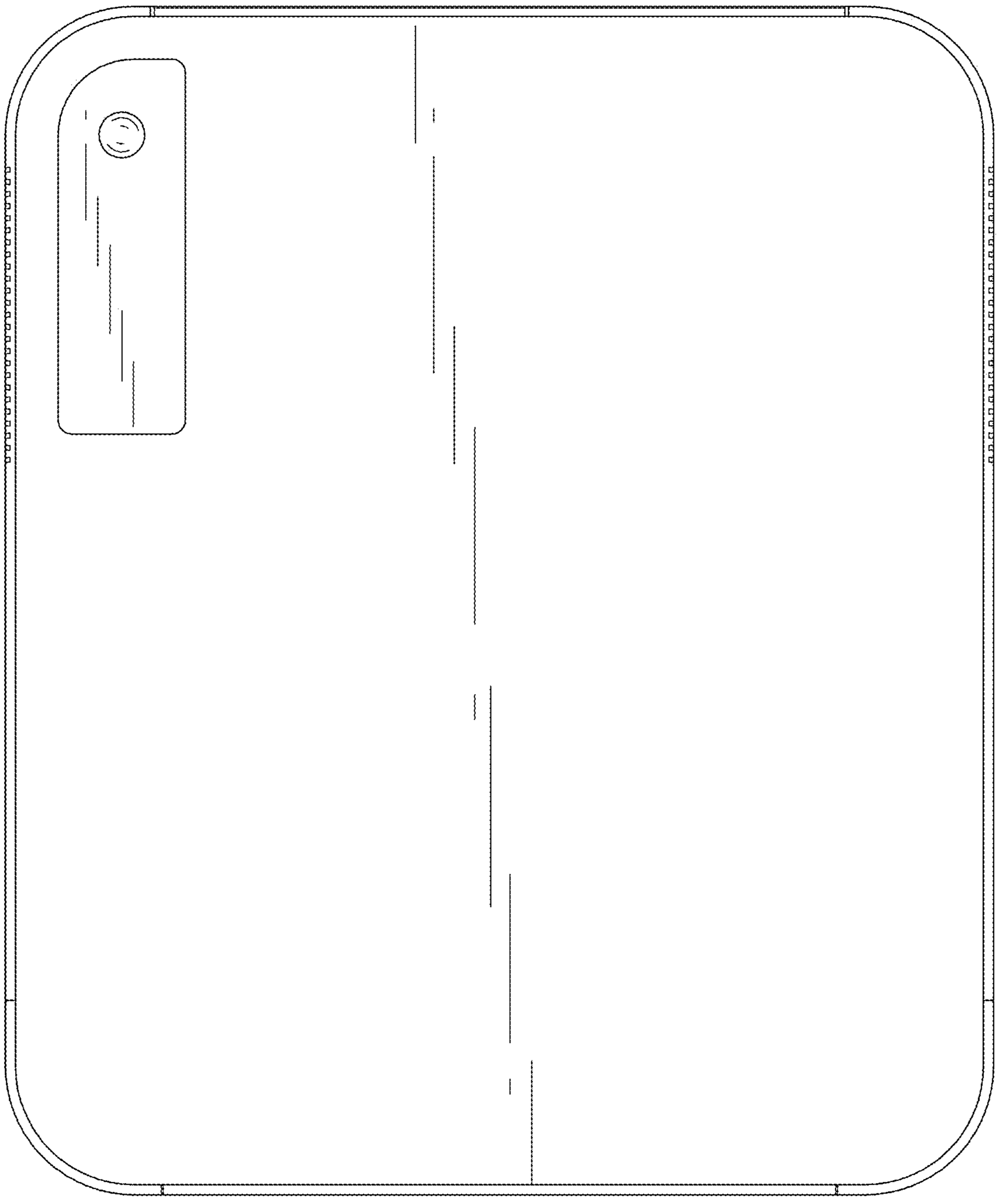


FIG. 7

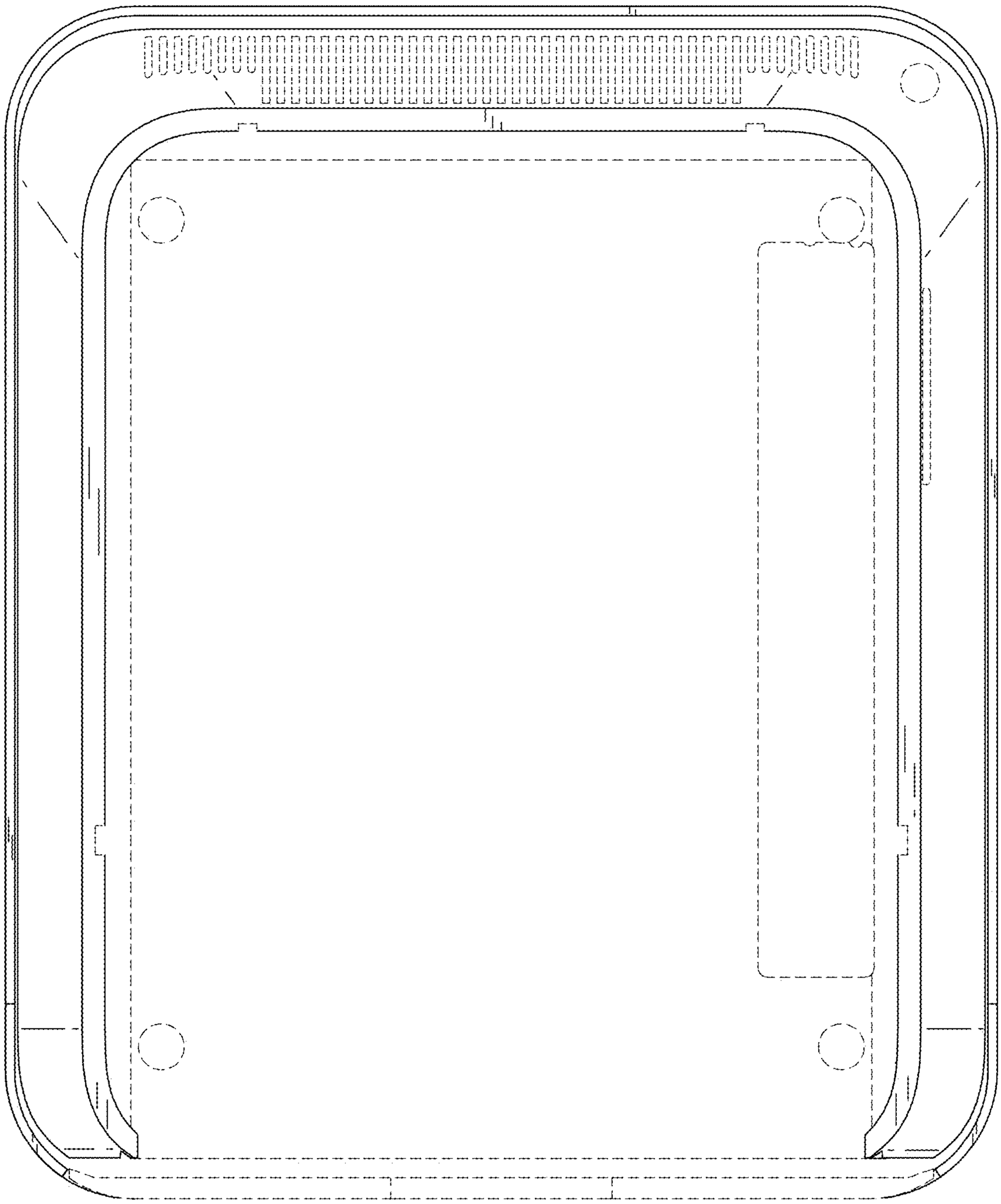


FIG. 8

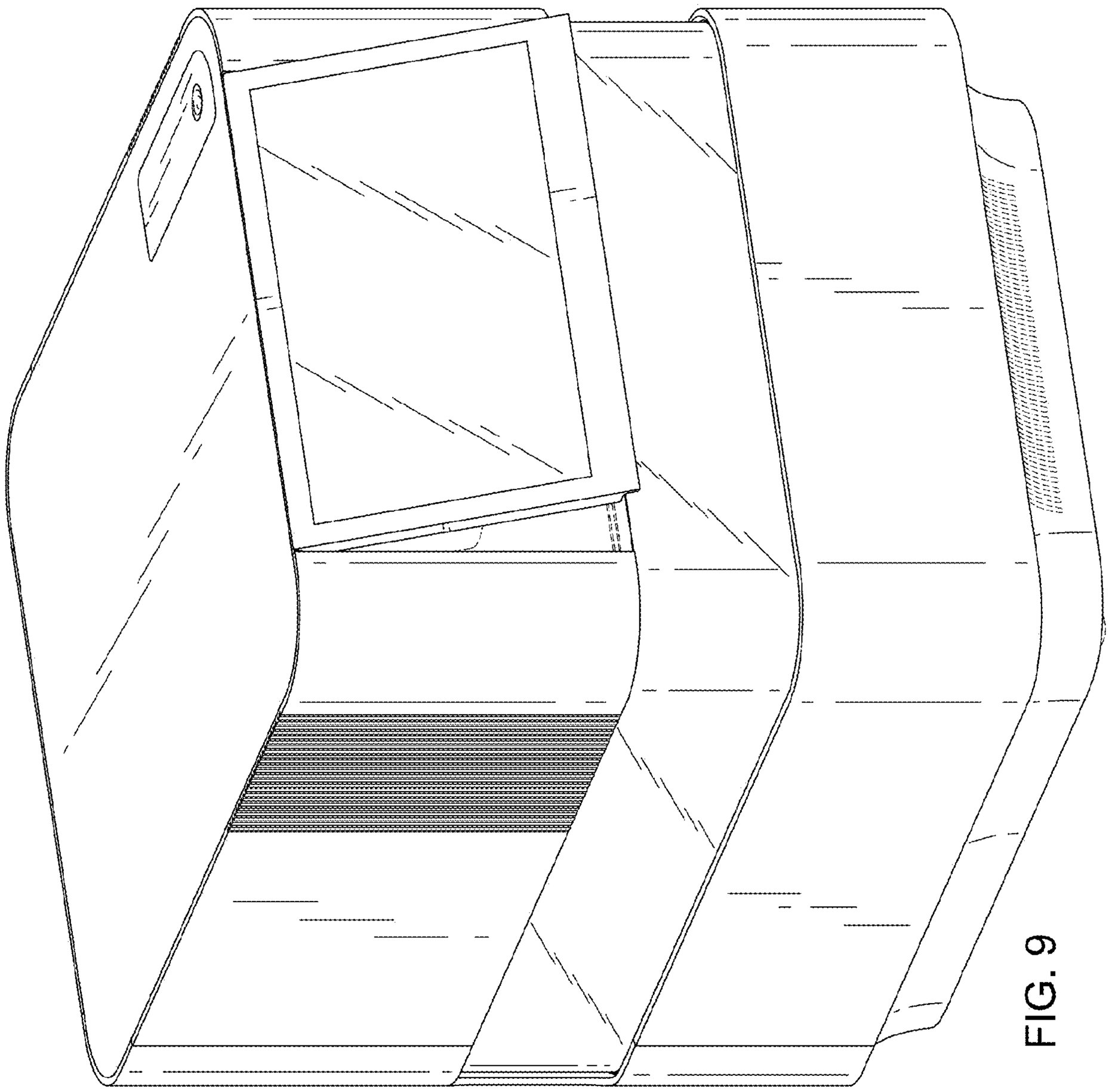


FIG. 9

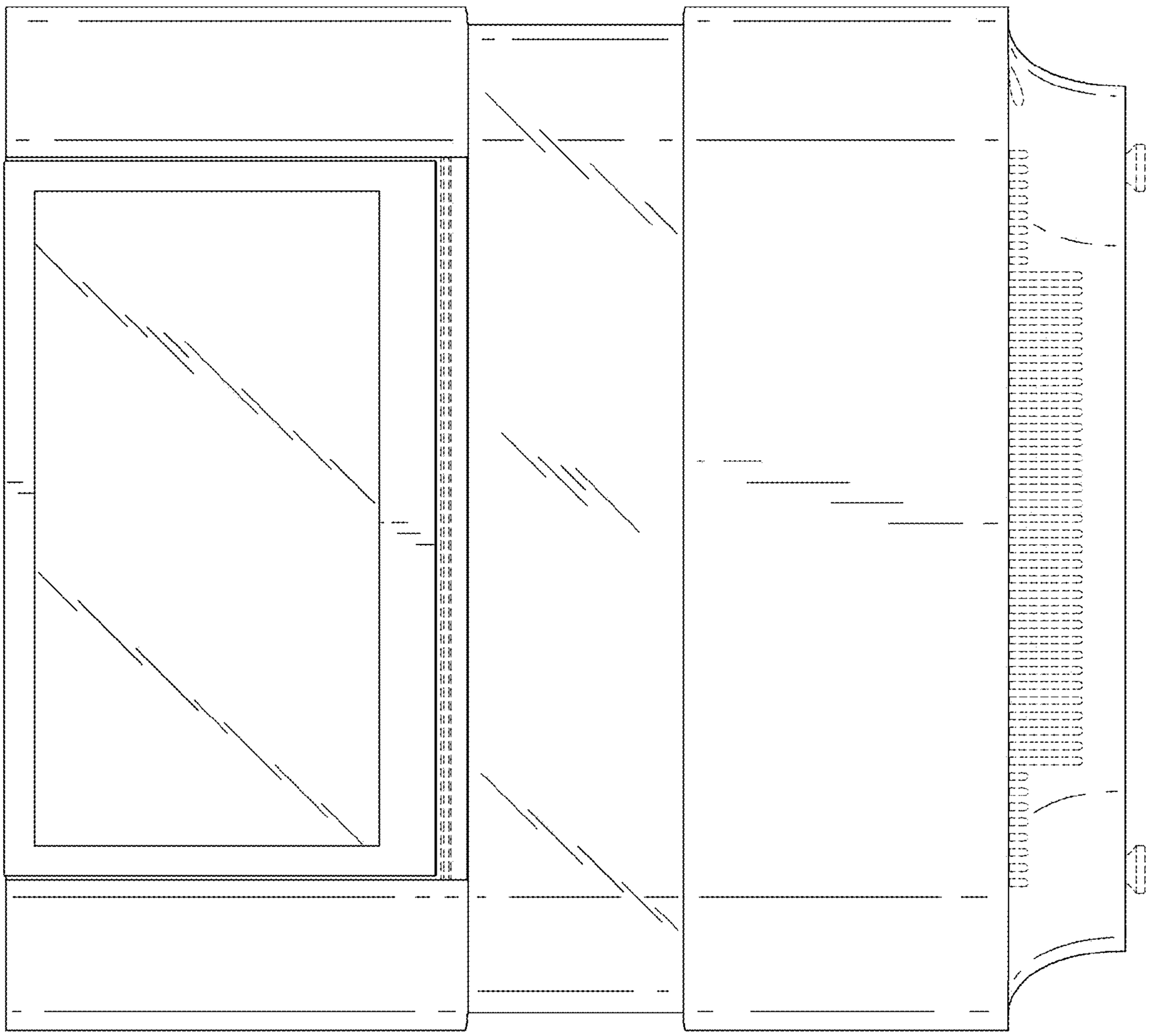


FIG. 10

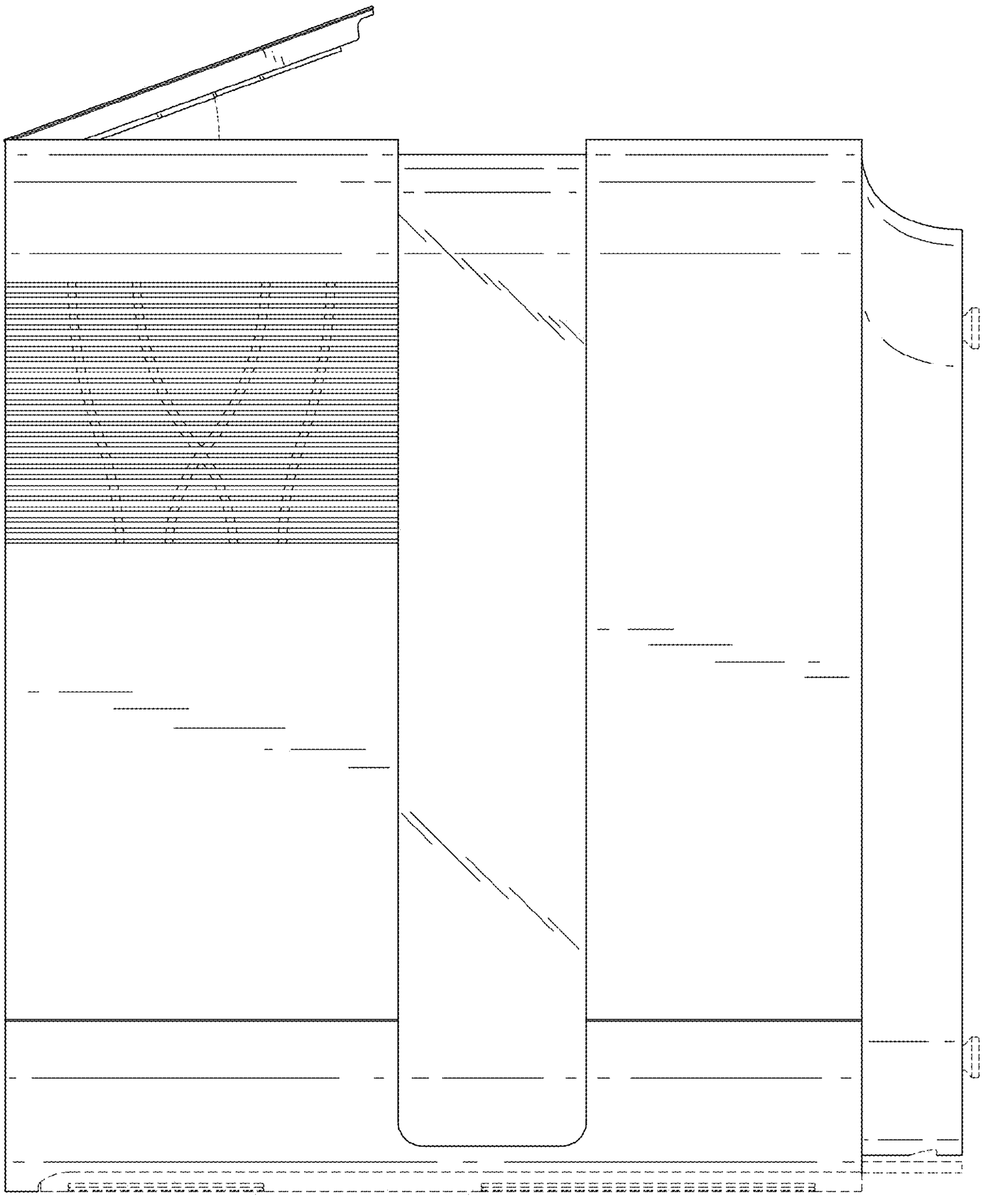


FIG. 11

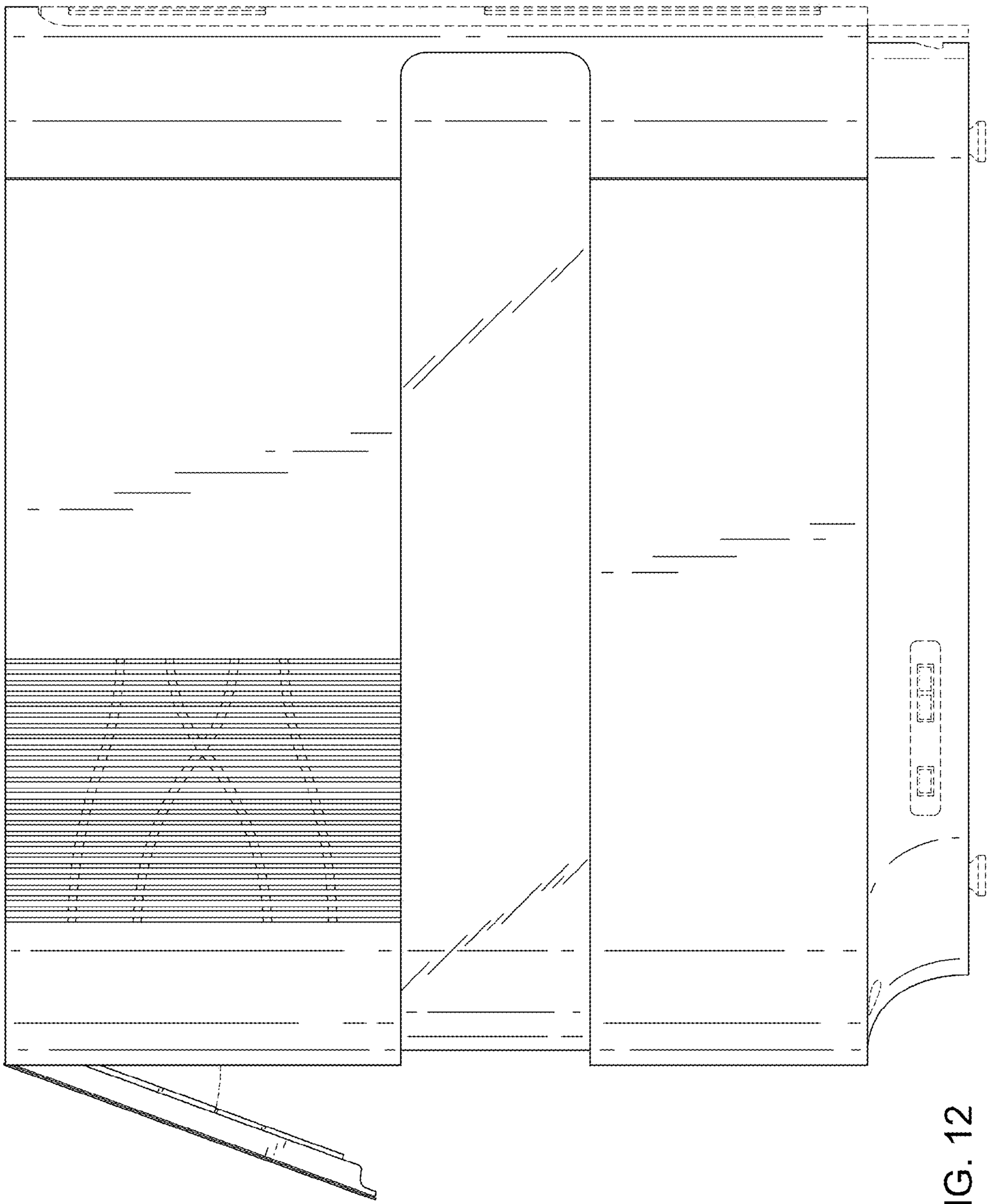


FIG. 12

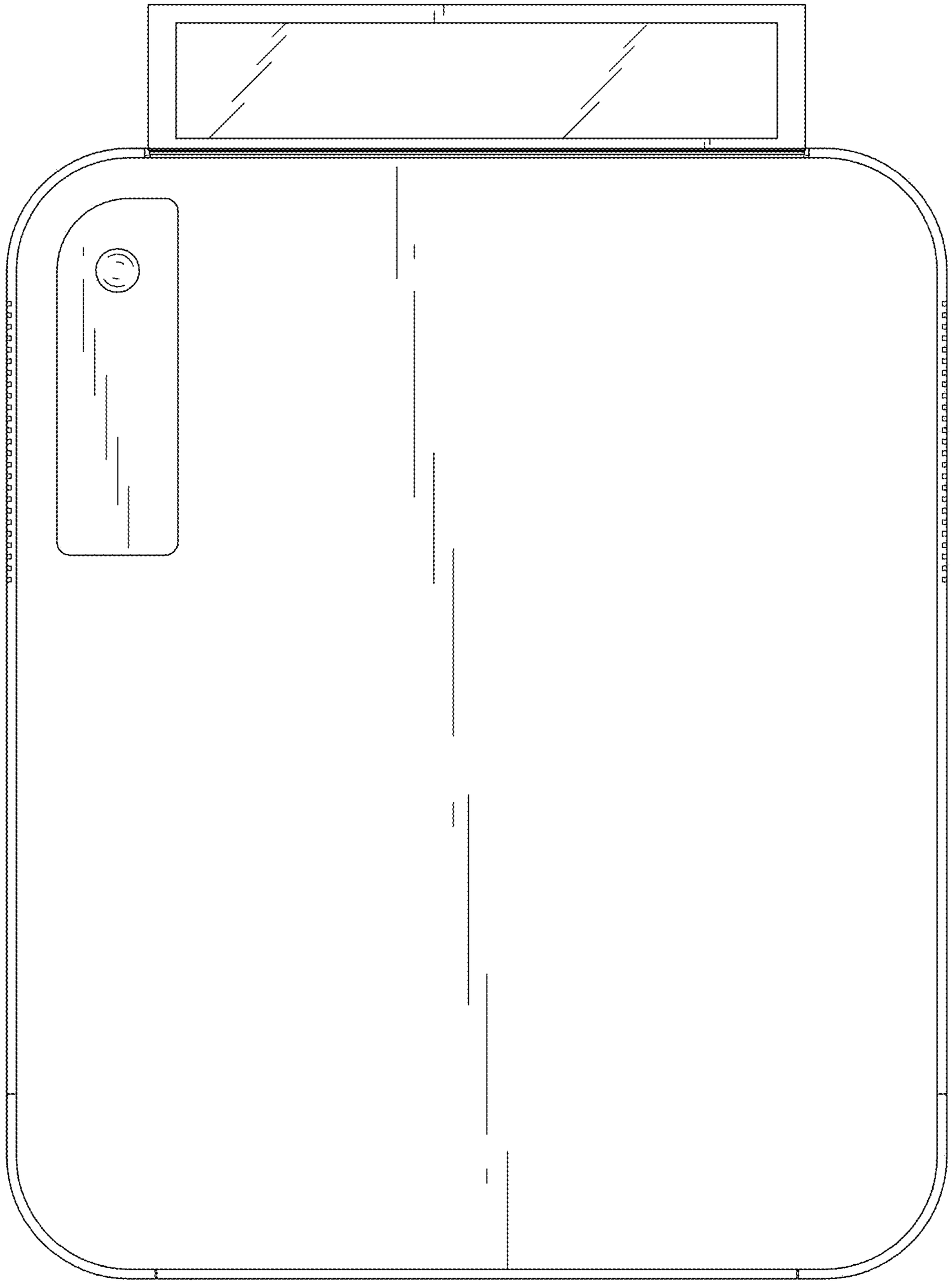


FIG. 13

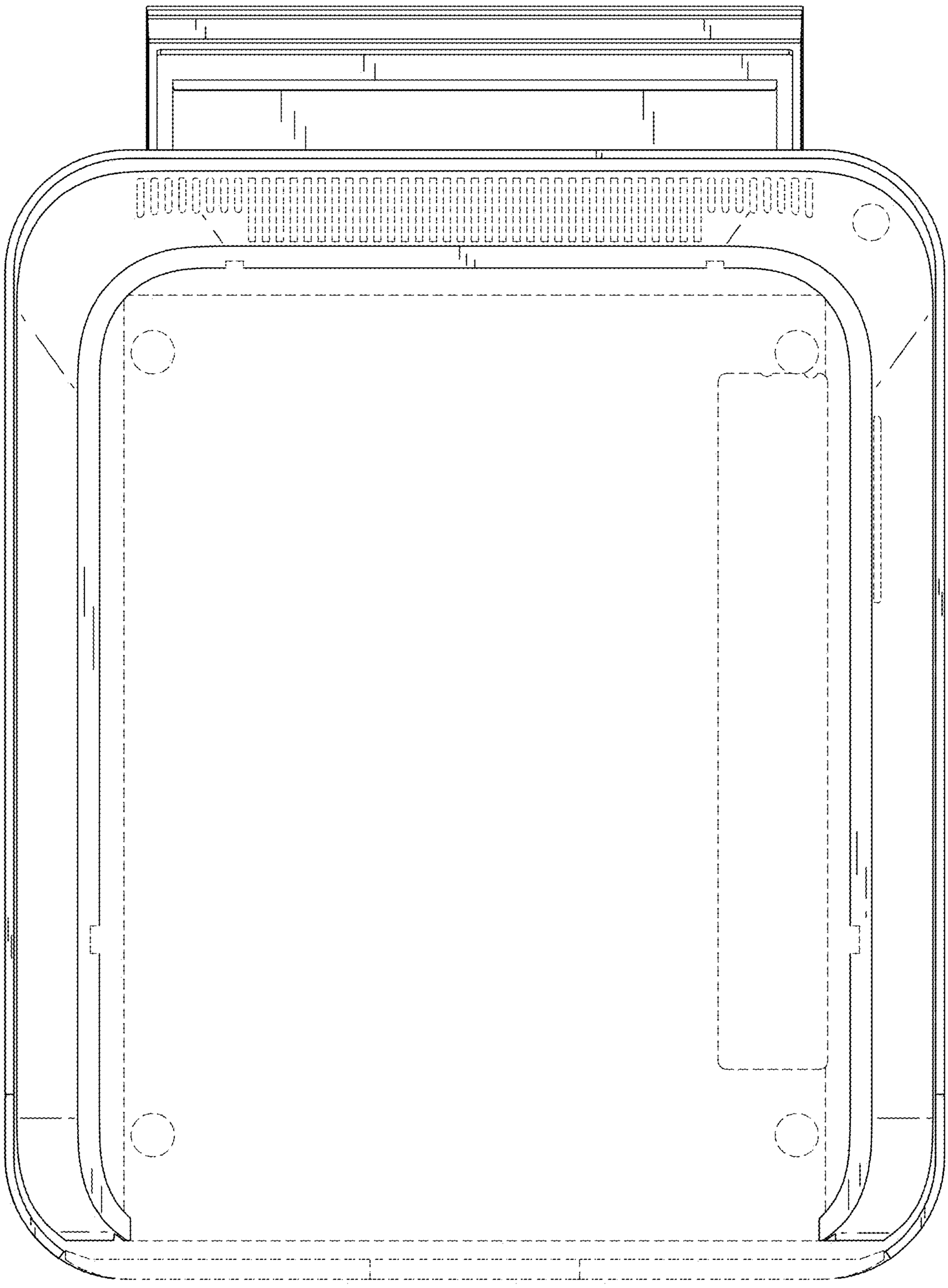


FIG. 14