



US00D959628S

(12) **United States Design Patent** (10) **Patent No.:** **US D959,628 S**
Kyung et al. (45) **Date of Patent:** **** Aug. 2, 2022**

(54) **AIR PURIFIER**

(71) Applicant: **Coway Co., Ltd.**,
Choongcheongnam-do (KR)

(72) Inventors: **Mi-Youn Kyung**, Seoul (KR); **Ga Hee Kim**, Seoul (KR)

(73) Assignee: **COWAY CO., LTD.**,
Choongcheongnam-do (KR)

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

(21) Appl. No.: **29/740,603**

(22) Filed: **Jul. 6, 2020**

(30) **Foreign Application Priority Data**

Jan. 6, 2020 (KR) 30-2020-0000554
Jan. 6, 2020 (KR) 30-2020-0000557

(51) **LOC (13) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/364**

(58) **Field of Classification Search**
USPC D23/356, 359, 364-365, 378, 499
CPC F24F 1/029; F24F 1/035; F24F 1/0287;
F24F 6/06; F24F 6/14; F24F 13/06; F24F
13/20; F24F 13/222; F24F 3/16; F24F
3/1405; F24F 3/1603; A61L 9/03
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,274,919 A * 9/1966 Wegman F24F 1/031
62/262
D215,719 S * 10/1969 Julkenbeck D23/356
D307,936 S * 5/1990 Hirano D23/364
5,853,625 A * 12/1998 Kensok F24F 6/043
239/289
D810,259 S * 2/2018 You D23/364
D883,460 S * 5/2020 Kosuge D23/351

10,900,671 B2 * 1/2021 Bae B01D 46/58
D914,864 S * 3/2021 Roblin D23/365
D930,804 S * 9/2021 Kyung D23/364
D936,200 S * 11/2021 Yang D23/364
2011/0291305 A1 * 12/2011 Choi F24F 13/20
261/30

FOREIGN PATENT DOCUMENTS

CN 303299405 * 7/2015
CN 303989580 * 12/2016
KR 301041499.0000 * 1/2020

OTHER PUBLICATIONS

Coway AP-1720H True HEPA Air Purifier, first available Sep. 1, 2020[online], [site visited Mar. 8, 2022]. Available from internet, URL:<<https://www.amazon.ca/dp/B08H4DZ5MD>> (Year: 2020).*

* cited by examiner

Primary Examiner — Barbara Fox

Assistant Examiner — Jamaal Rasheed

(74) *Attorney, Agent, or Firm* — Millen, White, Zelano & Branigan, P.C.; William Nixon

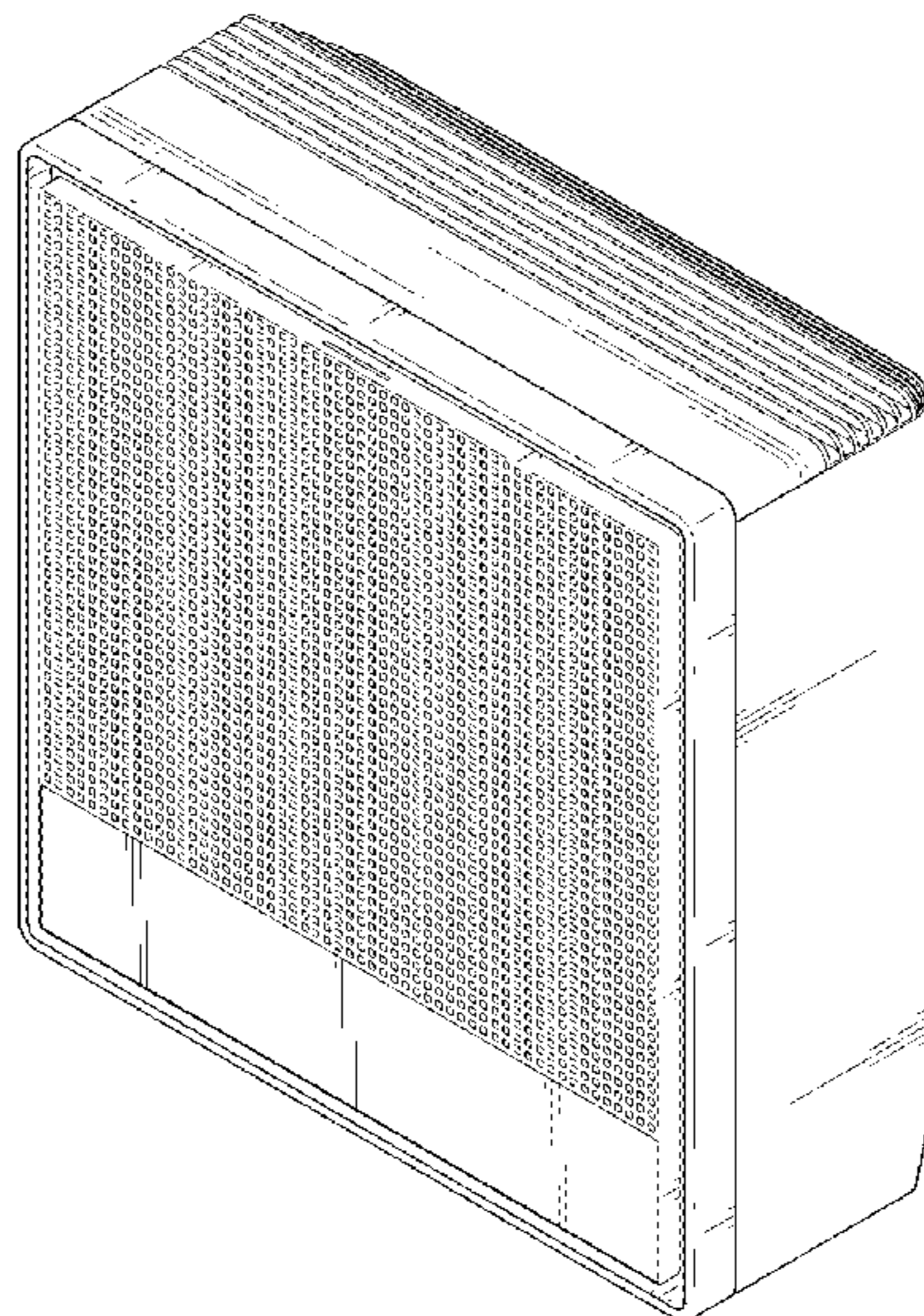
(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

DESCRIPTION

FIG. 1 illustrates a front perspective view of an air purifier showing our new design;
FIG. 2 illustrates a front elevational view thereof;
FIG. 3 illustrates a rear elevational view thereof;
FIG. 4 illustrates a left side elevational view thereof;
FIG. 5 illustrates a right side elevational view thereof;
FIG. 6 illustrates a top plan view thereof; and,
FIG. 7 illustrates a bottom plan view thereof.
The broken lines in the drawings depict portions of the air purifier that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



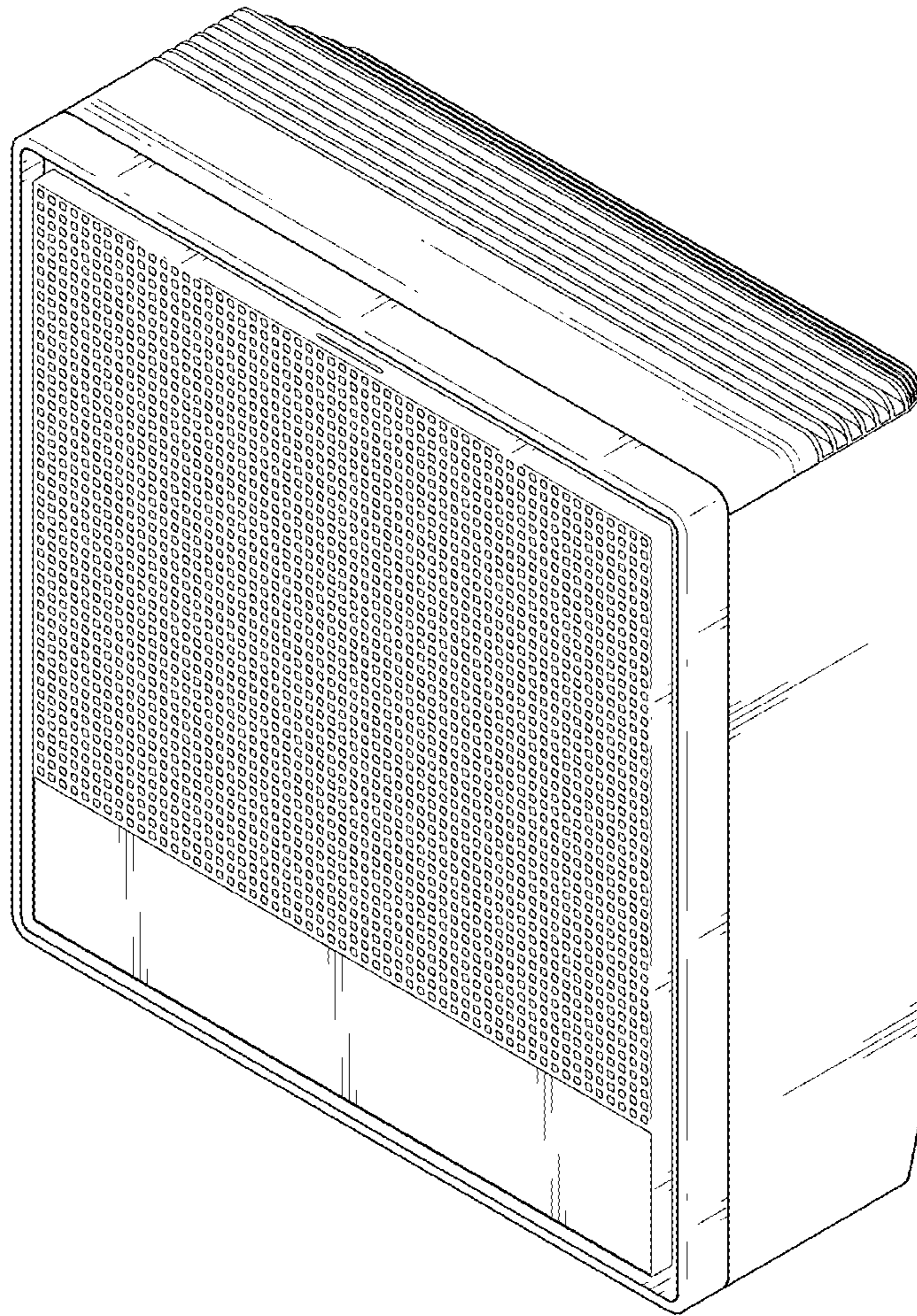


FIG. 1

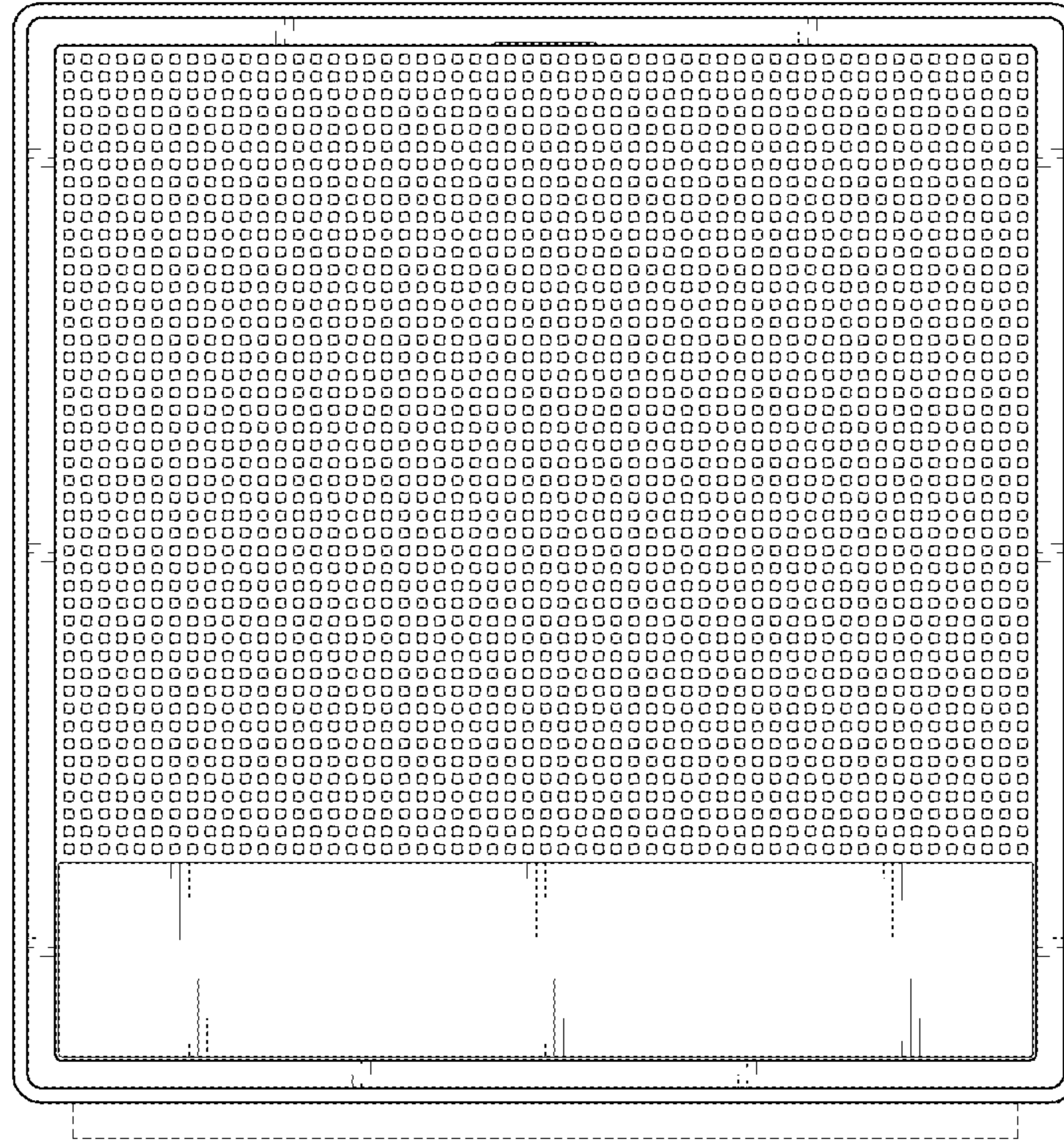


FIG. 2

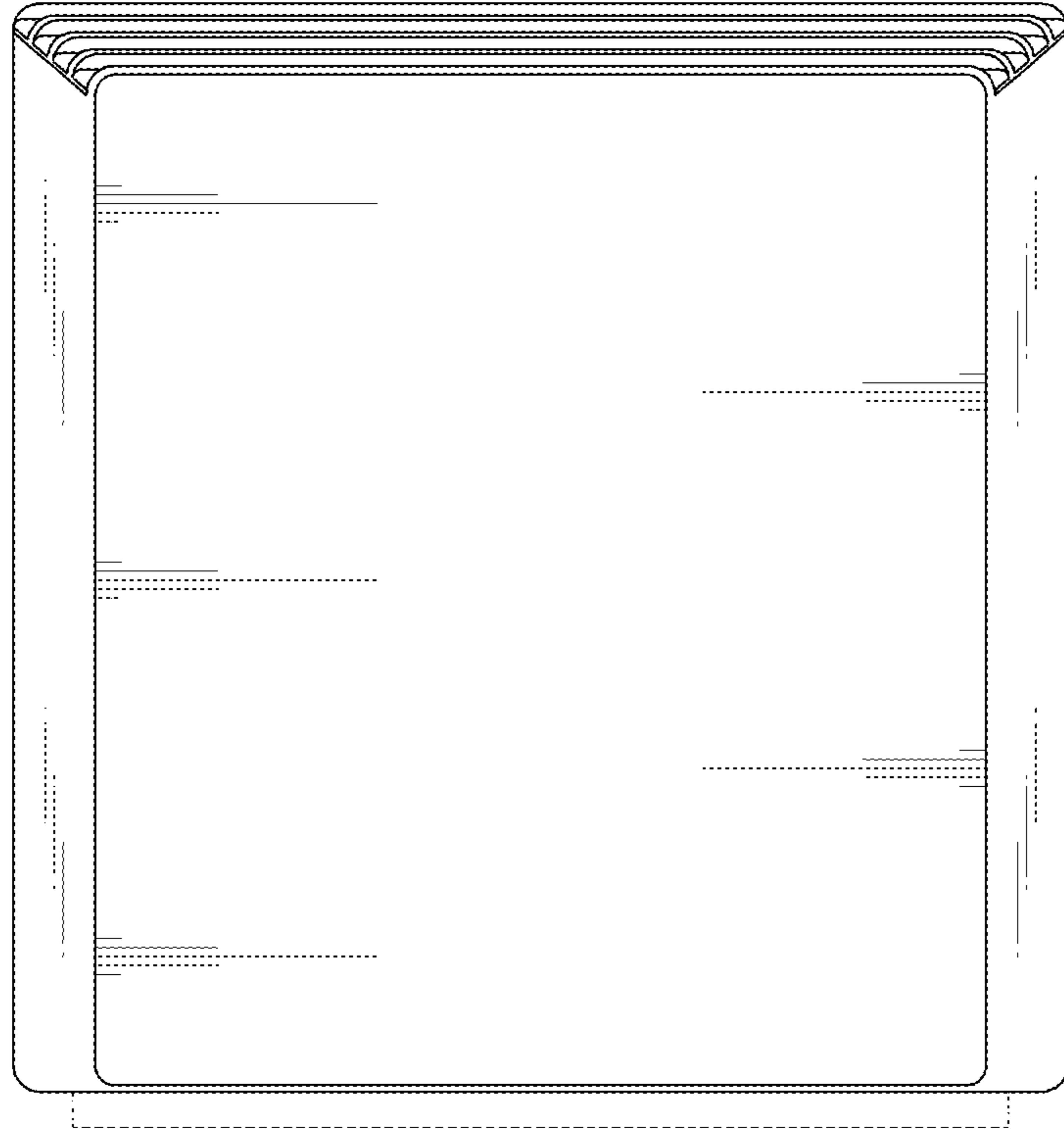


FIG. 3

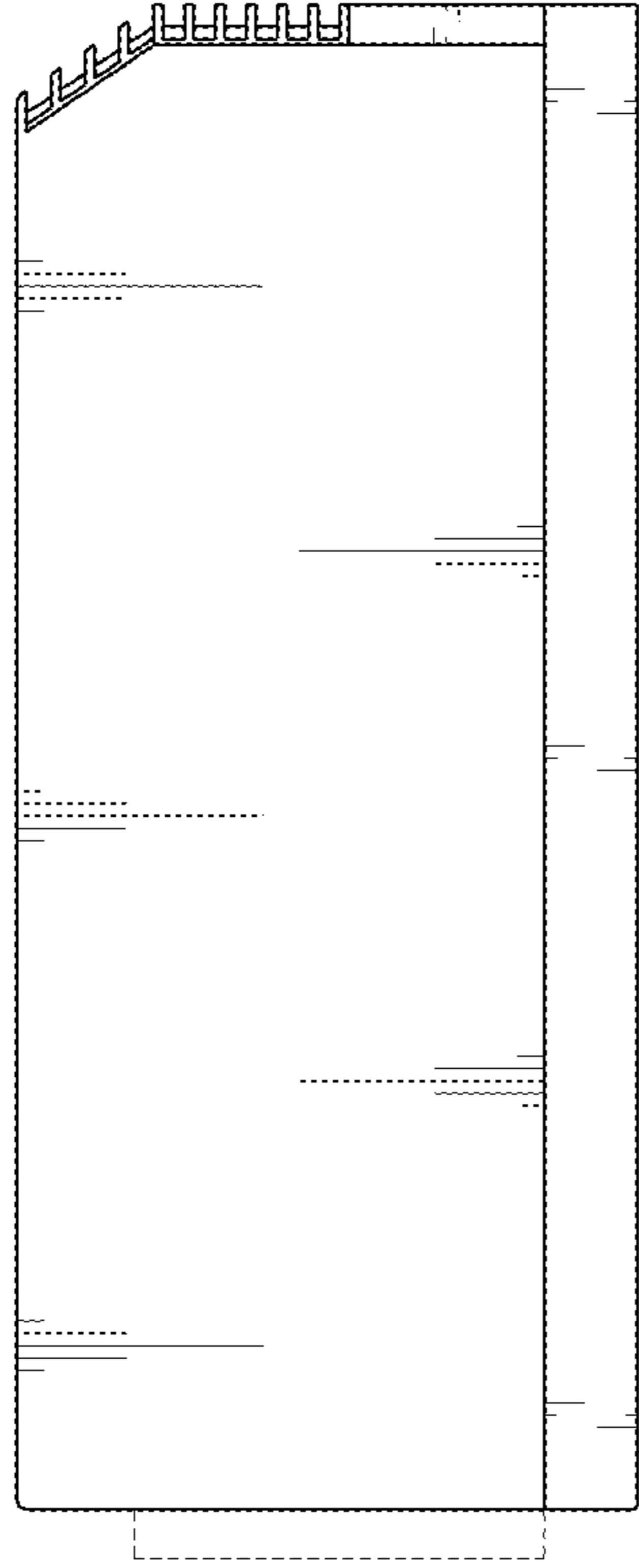


FIG. 4

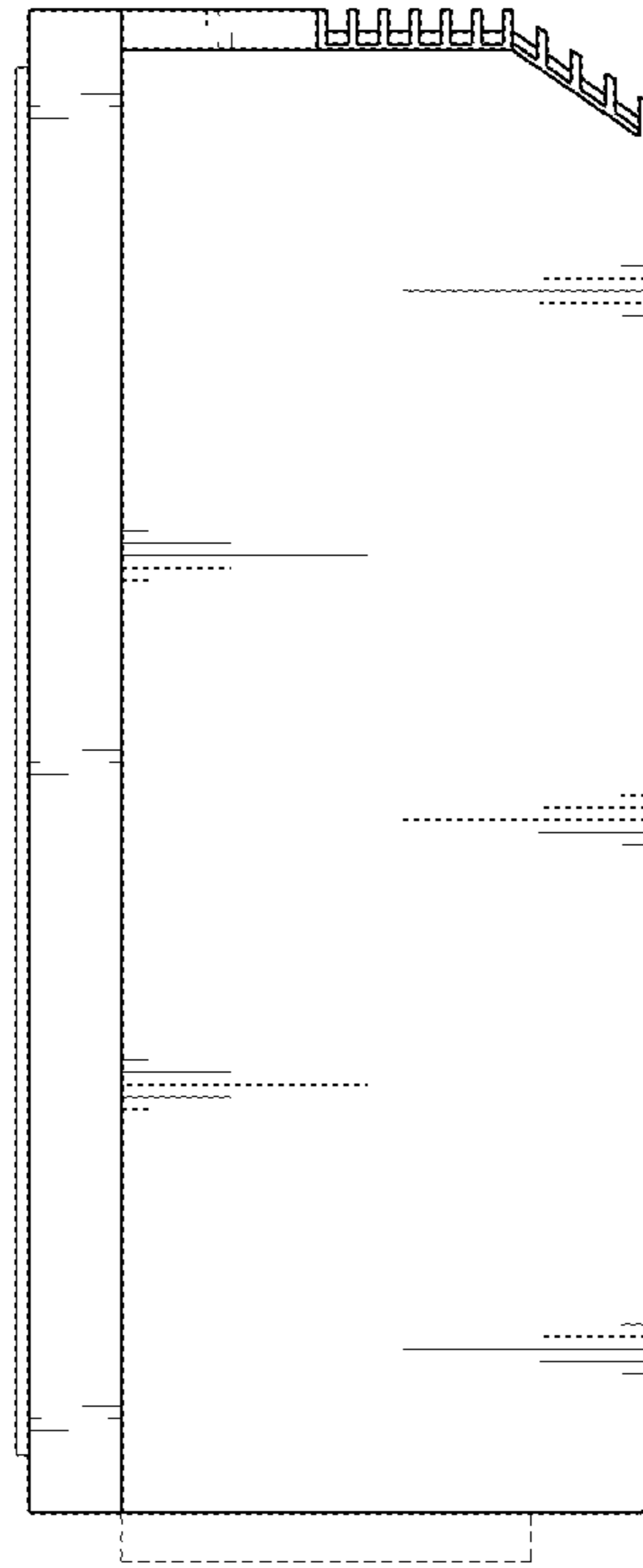


FIG. 5

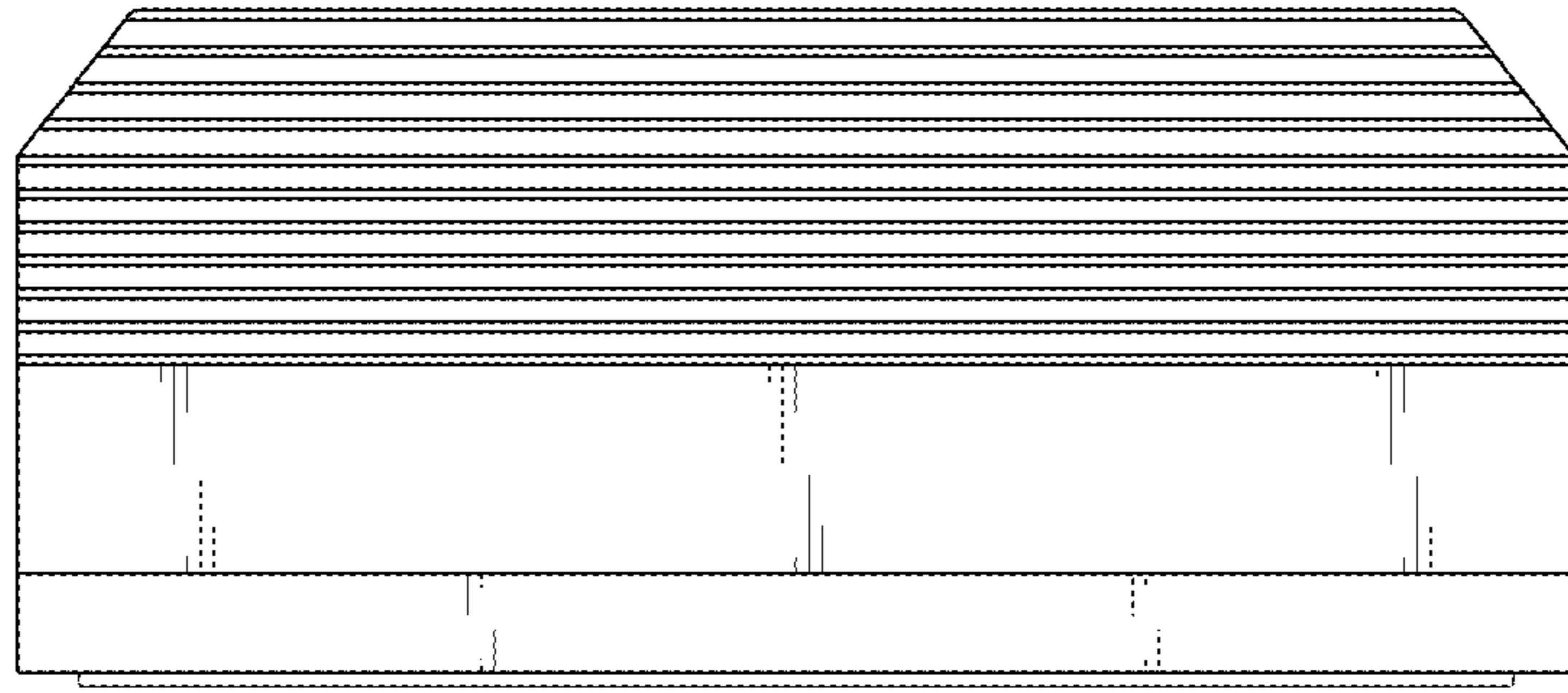


FIG. 6

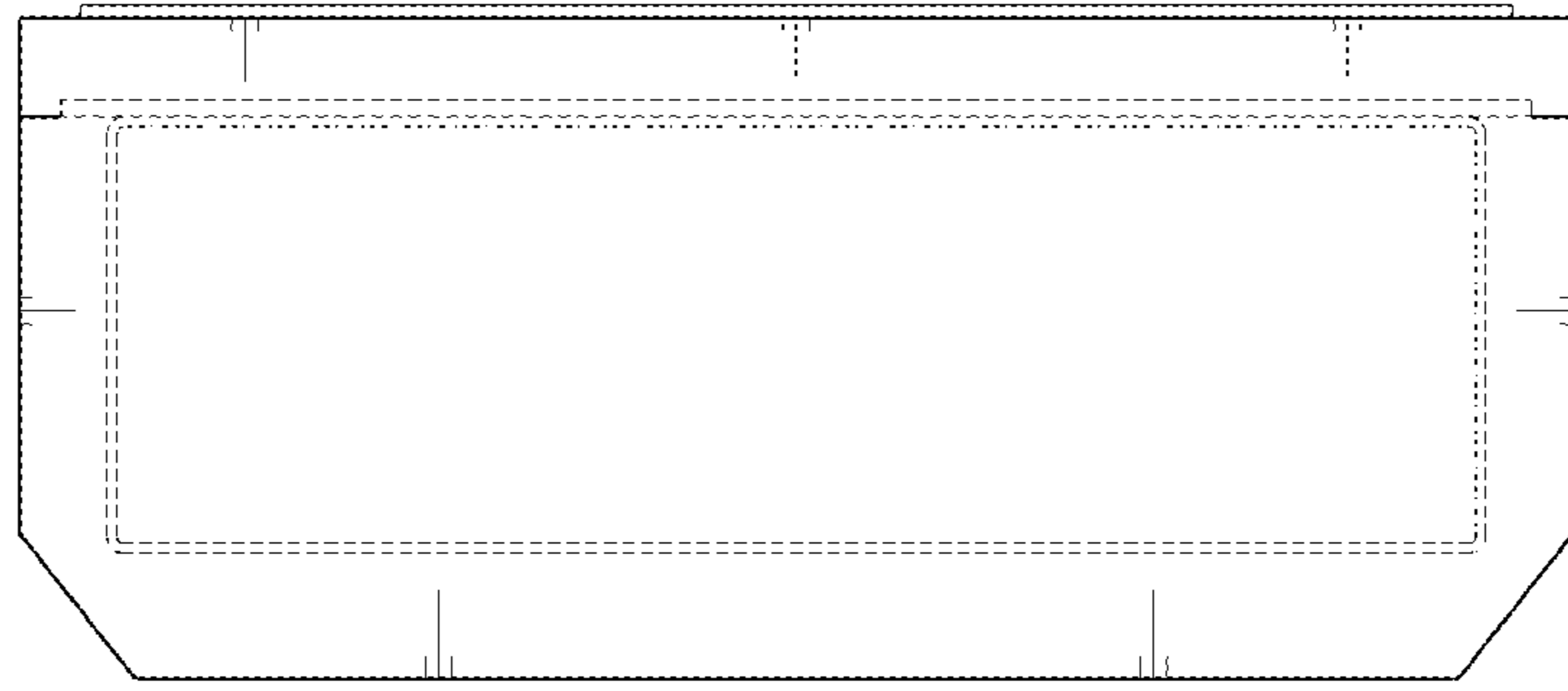


FIG. 7