

US00D930804S

(12) **United States Design Patent** (10) **Patent No.:** **US D930,804 S**
Kyung et al. (45) **Date of Patent:** **** Sep. 14, 2021**

(54) **AIR PURIFIER**

FOREIGN PATENT DOCUMENTS

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

CN 2015-311942 * 10/2014
CN 2016-34604 H * 6/2016
DE 2323794 A1 * 11/1974 F24F 3/14

(72) Inventors: **Mi-youn Kyung**, Seoul (KR);
Jeongeun Park, Seoul (KR)

OTHER PUBLICATIONS

(73) Assignee: **Woongjin Coway Co., Ltd.**,
Choongcheongnam-do (KR)

Coway Air Purifier 2020 found on Dec. 23, 2020 at <https://www.amazon.com/Coway-Airmega-150C-Purifier-White/dp/B0899GYD96/?th=1> (Year: 2020).*

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

(Continued)

(21) Appl. No.: **29/721,031**

Primary Examiner — Karen S Acker

(22) Filed: **Jan. 17, 2020**

Assistant Examiner — Jonathan Emil Fiencke

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Millen White Zelano &
Branigan; Ryan Pool

Jul. 19, 2019 (KR) 30-2019-0034700

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

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

(58) **Field of Classification Search**
USPC D23/364, 365, 355
CPC ... F24F 11/30; C04B 38/0009; B01D 46/2414
See application file for complete search history.

(57) **CLAIM**

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

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,017,375 A * 1/2000 Duell F24F 1/0071
55/356
D572,810 S * 7/2008 Chiu D23/333
D606,184 S * 12/2009 Chiu D23/359
7,740,530 B2 * 6/2010 Astourian F24F 13/082
454/277
D741,466 S * 10/2015 Satou D23/364
D783,793 S * 4/2017 Satou D23/364
D803,368 S * 11/2017 Priester D23/364
D834,165 S * 11/2018 Maeng D23/364
D840,012 S * 2/2019 Zhou D23/359

(Continued)

FIG. 1 is a front perspective view of the air purifier showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

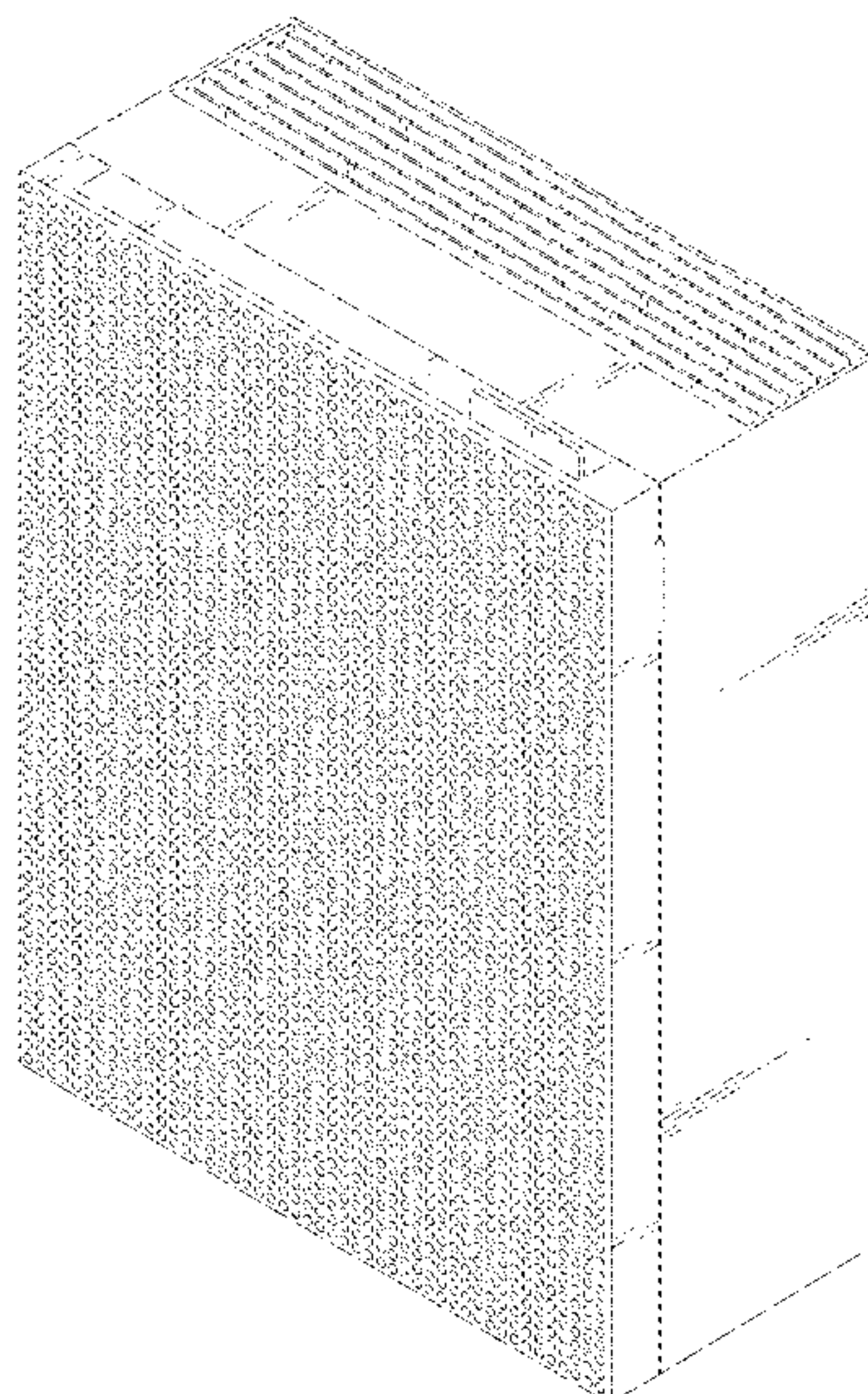
FIG. 7 is a bottom plan view thereof.

The areas within the solid lines which are visible through the top of the article in FIG. 6 depict portions of the air purifier that form not part of the claimed design.

The areas within the solid line circles on the front in FIGS. 1, 2, and 3 depict portions of the air purifier that form not part of the claimed design.

The broken lines in the drawings illustrate portions of the air purifier which form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D893,009	S *	8/2020	Choi	D23/364
2002/0088213	A1 *	7/2002	McSweeney	F24F 1/0071
				55/467
2015/0336040	A1 *	11/2015	Qin	F24F 3/1603
				55/482
2018/0224134	A1 *	8/2018	Bae	F24F 6/00

OTHER PUBLICATIONS

I iAdapt Air Purifier 2019 found on Dec. 23, 2020 at <https://www.amazon.com/Air-Oasis-iAdaptAir-Purifier-Allergies/dp/B07HMGRBYT/> (Year: 2019).*

Winix Air Purifier 2019 found on Dec. 23, 2020 at <https://www.amazon.com/Winix-Ultimate-PlasmaWave-Technology-Purifier/dp/B07JXL> (Year: 2019).*

* cited by examiner

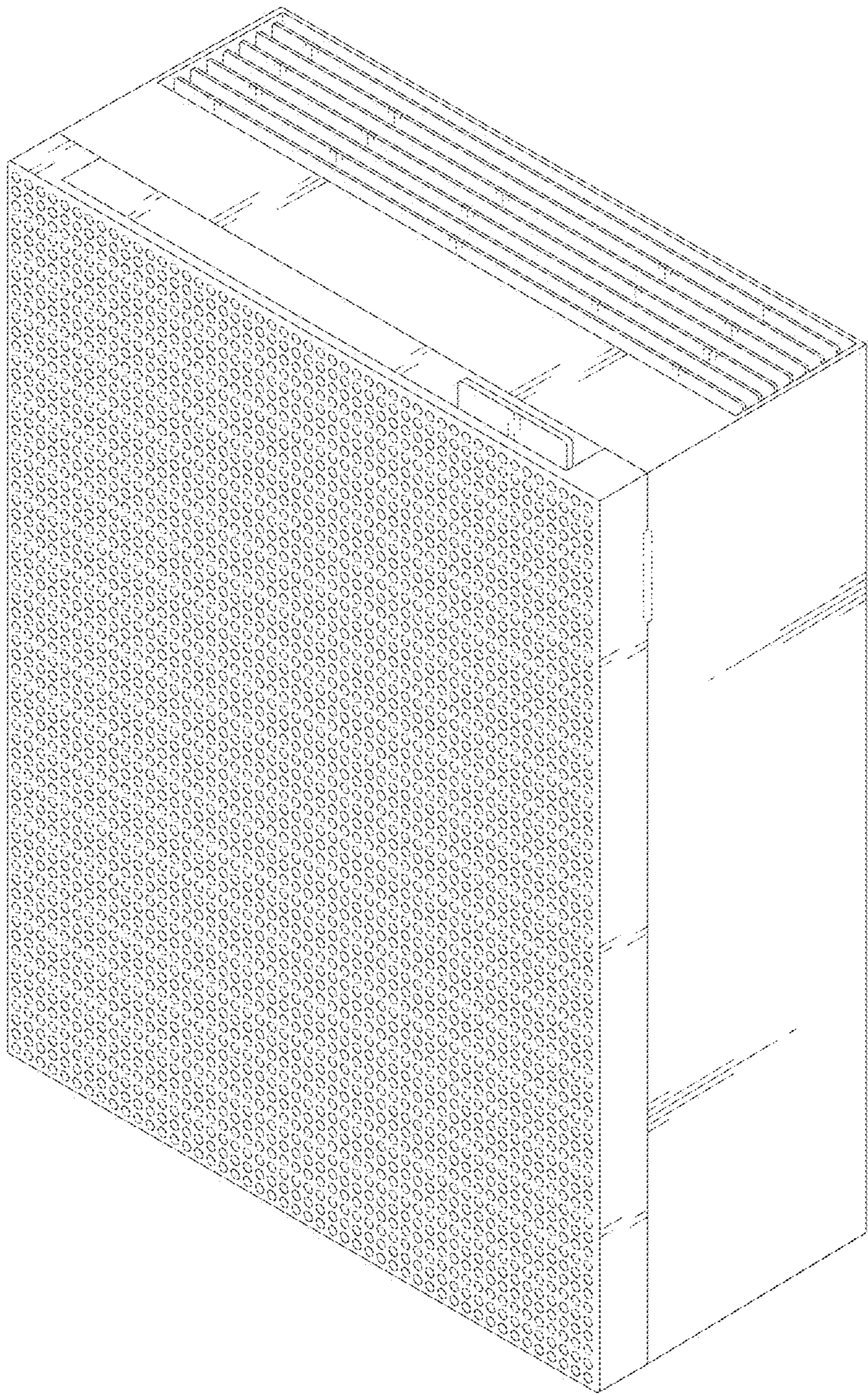


FIG. 1

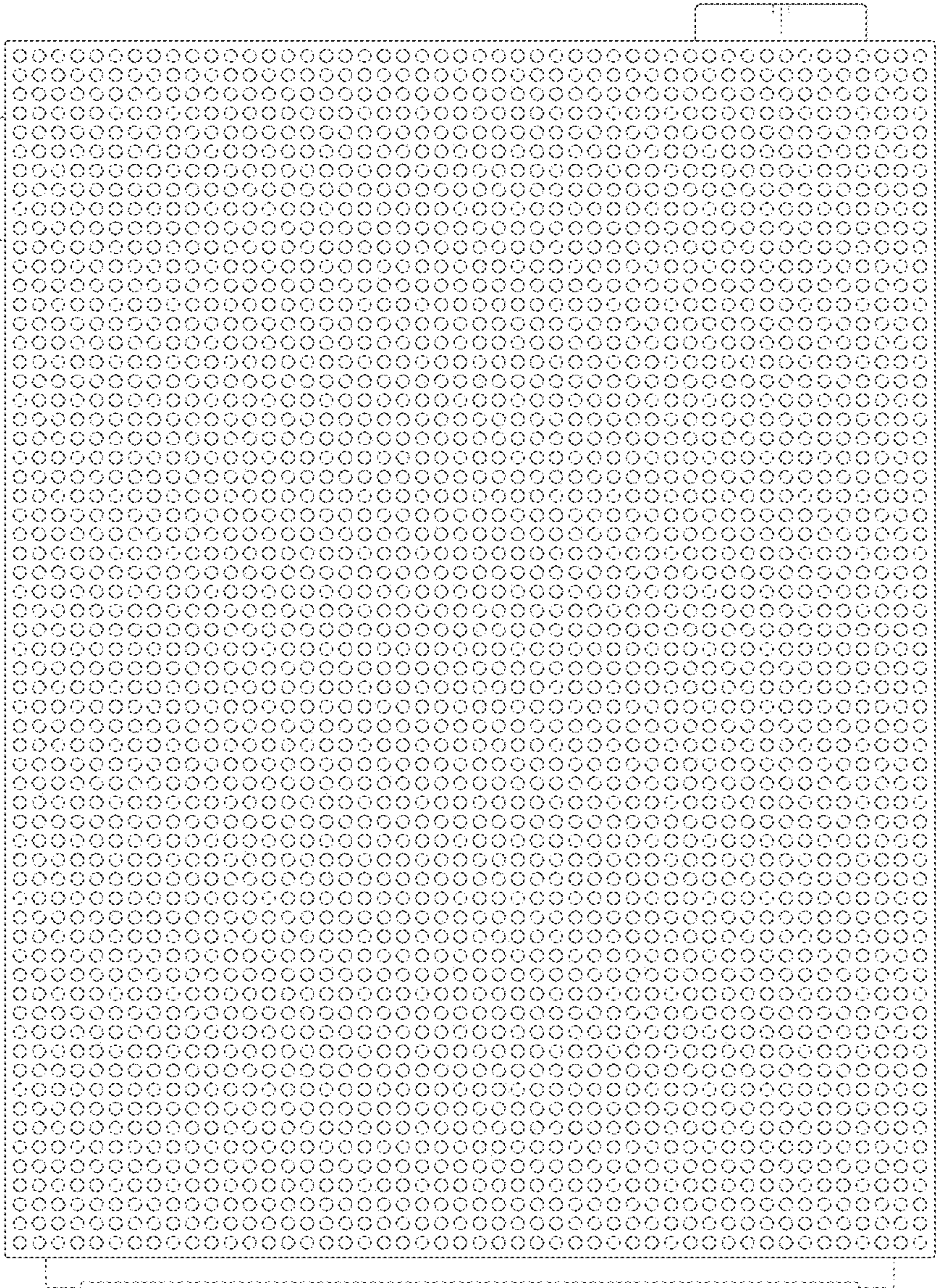


FIG. 2

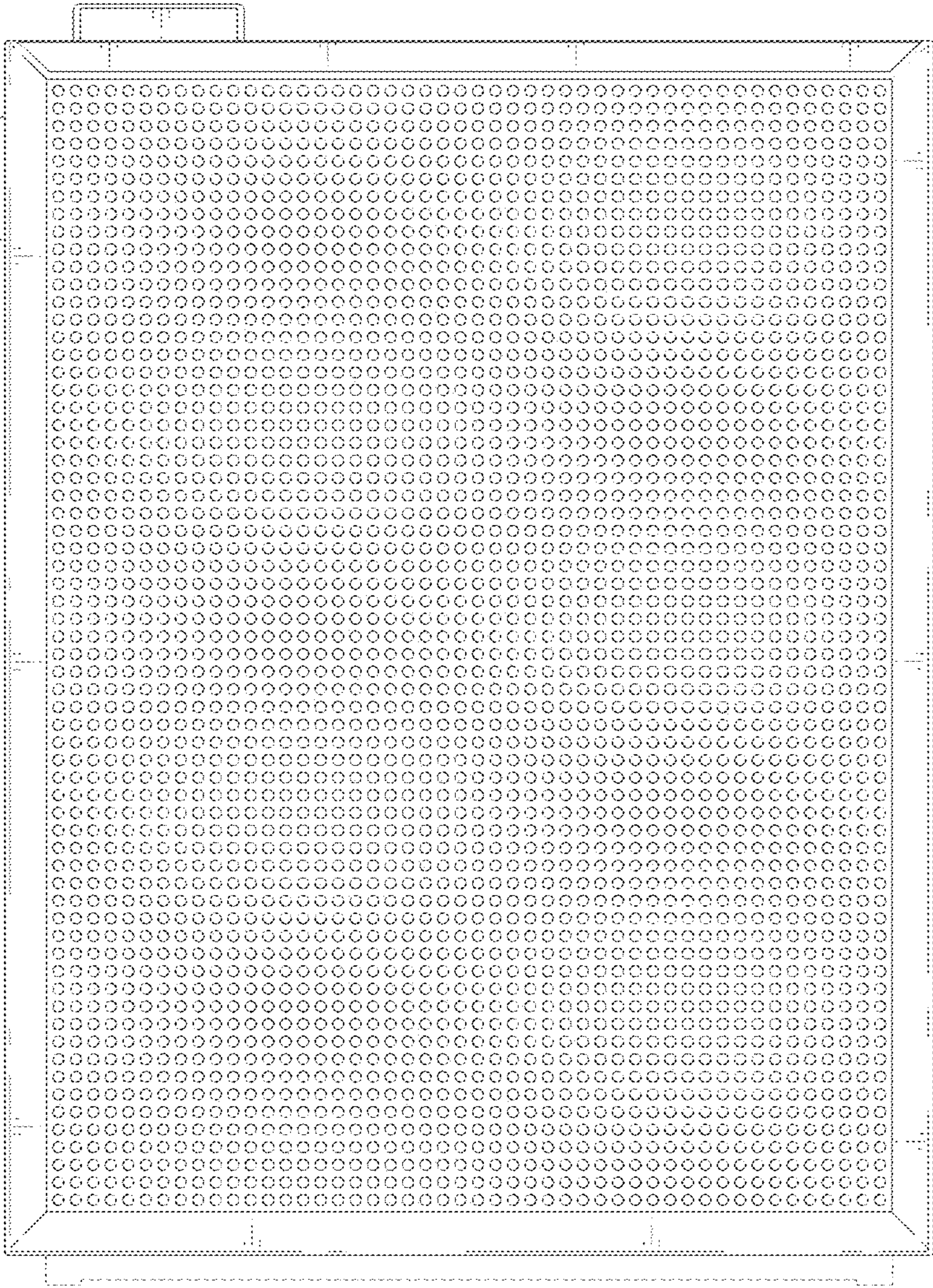


FIG. 3

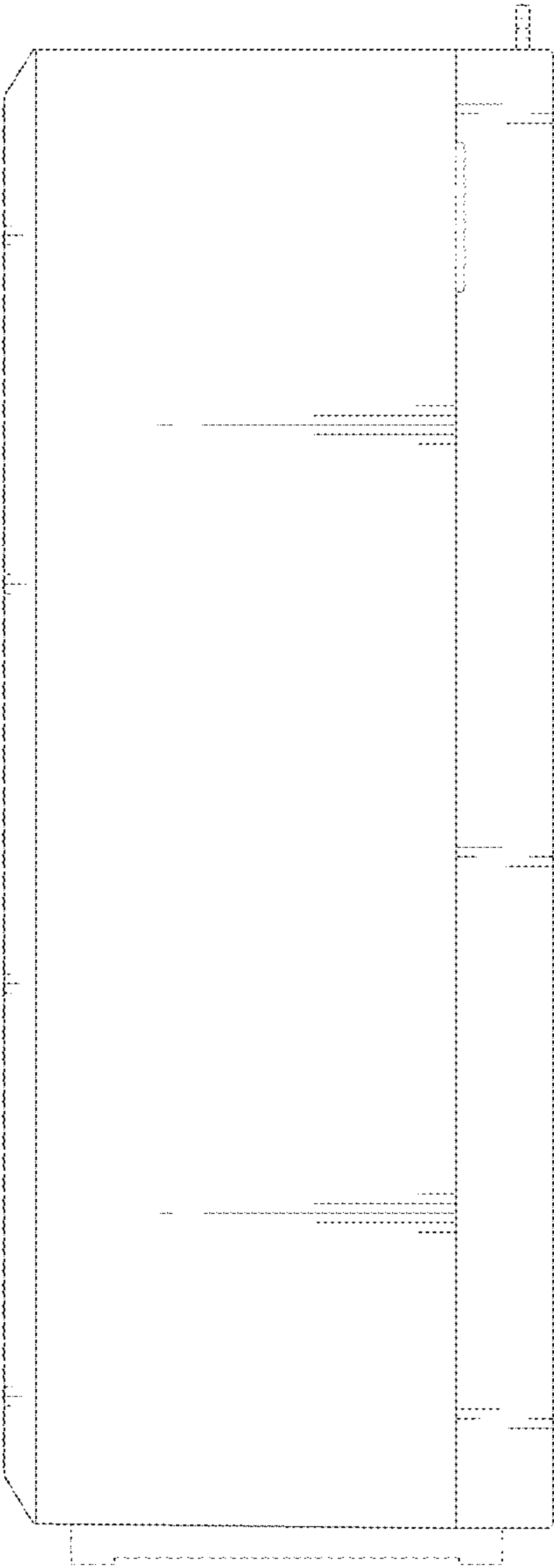


FIG. 4

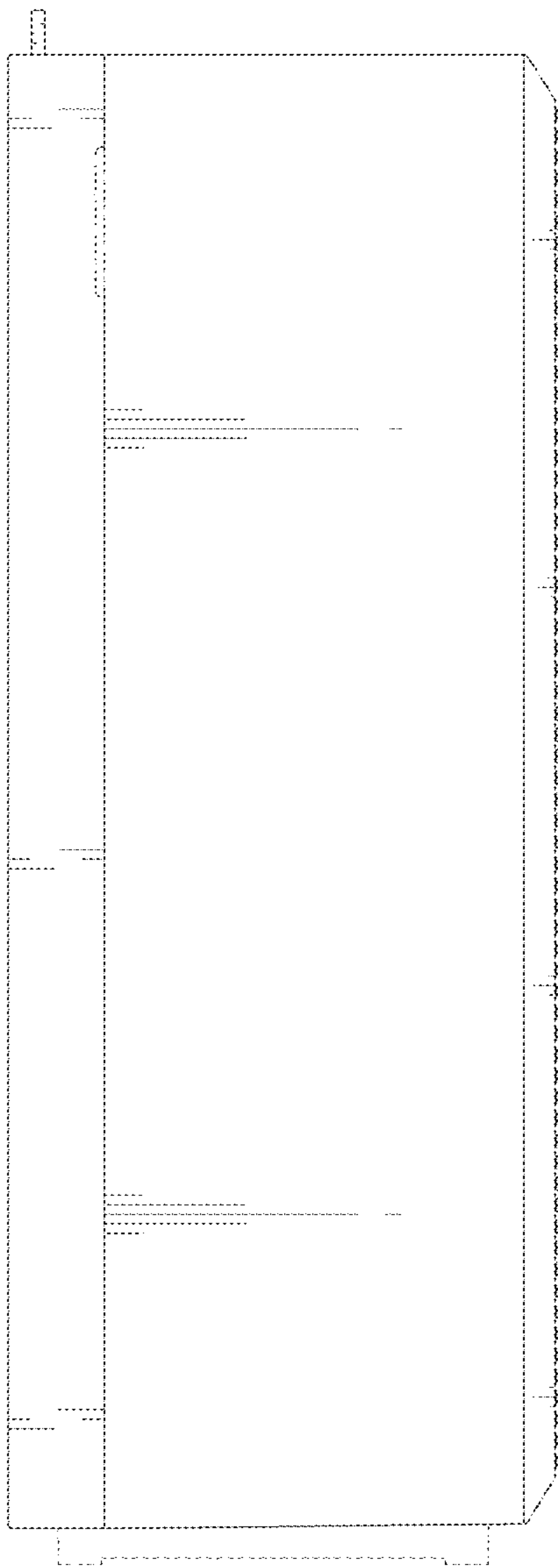


FIG. 5

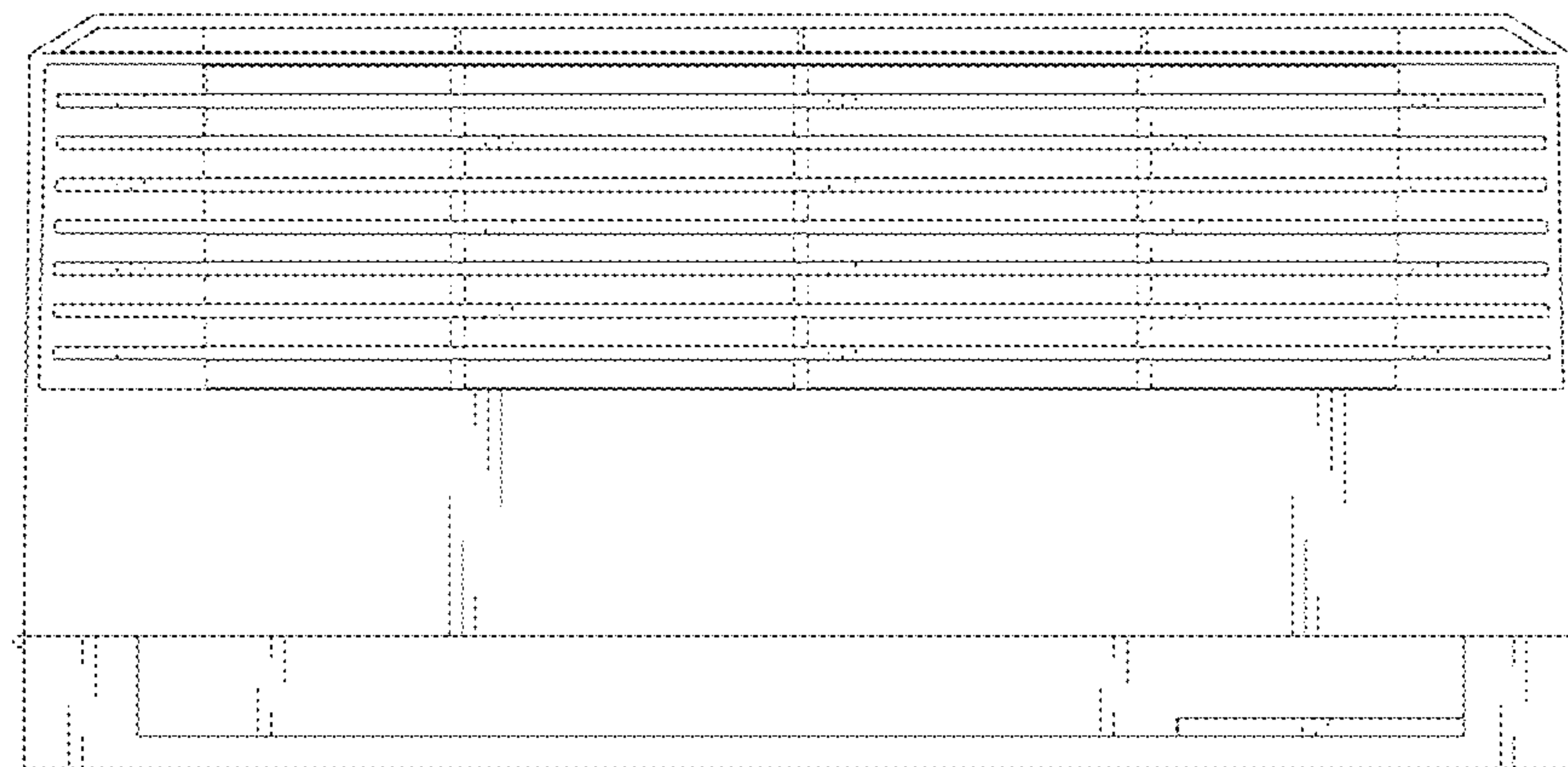


FIG. 6

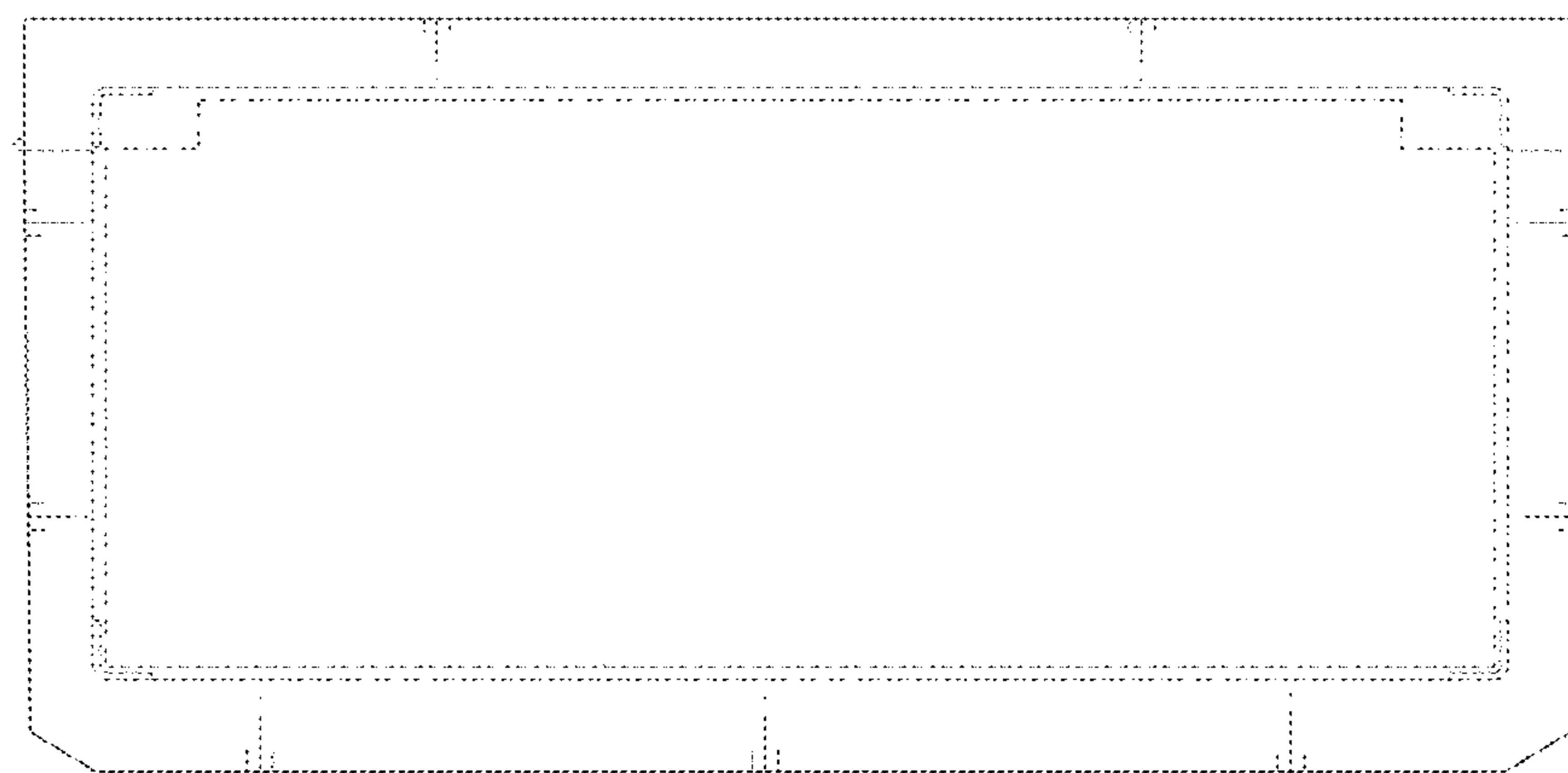


FIG. 7