



US00D891599S

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

(10) **Patent No.:** **US D891,599 S**
(45) **Date of Patent:** **** Jul. 28, 2020**

- (54) **AIR PURIFIER**
- (71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)
- (72) Inventors: **Man Li**, Shanghai (CN); **Liliang Liu**, Shanghai (CN); **Xuefeng Sun**, Shanghai (CN); **Kin Hang Siu**, Shanghai (CN)
- (73) Assignee: **3M Innovative Properties Company**, St. Paul, MN (US)

D668,749 S *	10/2012	Thomas	D23/356
D780,900 S *	3/2017	Dichraff	D23/364
D799,015 S *	10/2017	Tang	D23/364
D810,906 S *	2/2018	Yoon	D23/364
D829,875 S *	10/2018	Stanhope	D23/365
D835,248 S *	12/2018	Echeverri	D23/364
D840,012 S *	2/2019	Zhou	D23/359
D844,766 S *	4/2019	Miao	D23/364
D853,544 S *	7/2019	Vu	D23/364
D861,145 S *	9/2019	Fang	D23/333
D876,599 S *	2/2020	He	D23/364

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

(21) Appl. No.: **29/687,337**

(22) Filed: **Apr. 12, 2019**

(51) **LOC (12) Cl.** **23-04**

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

(58) **Field of Classification Search**
USPC D23/355-366, 352, 369, 332, 333, 335, D23/336, 342, 351; 422/120, 122; 55/356, 473, 504; 96/97; 261/DIG. 17, 261/DIG. 65, DIG. 88, DIG. 31
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D 47/027; B01D 2221/02; B01D 2259/4508; B03C 3/155; B03C 3/368; F24F 3/16; F24F 13/20; F24F 13/28; F24F 2001/0096

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D534,639 S *	1/2007	Zhang	D23/364
D535,371 S *	1/2007	Bushee	D23/359

FOREIGN PATENT DOCUMENTS

CN 304987503 1/2019

* cited by examiner

Primary Examiner — David G Muller

(74) *Attorney, Agent, or Firm* — Kevin Weber

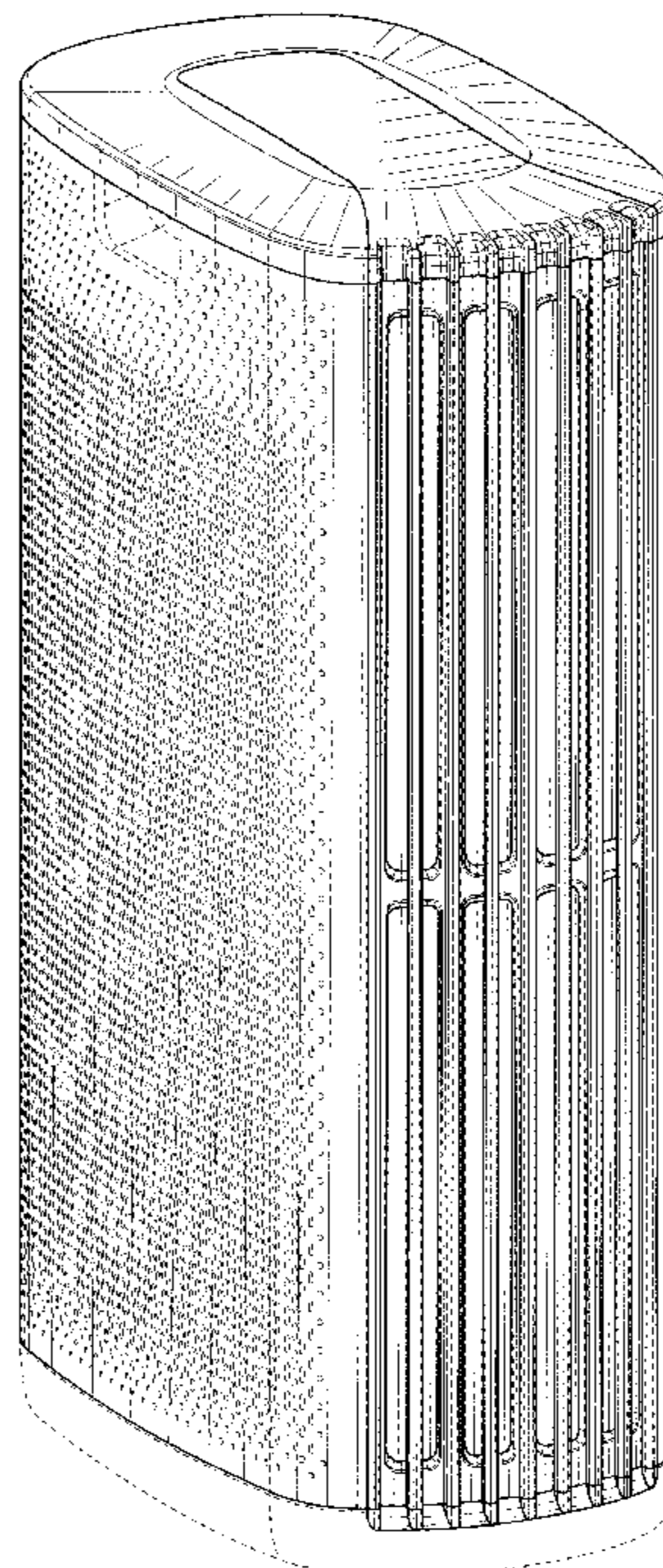
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view showing the new design for an air purifier;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The portions of the air purifier in FIGS. 1-7 shown in broken lines are included to show features that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



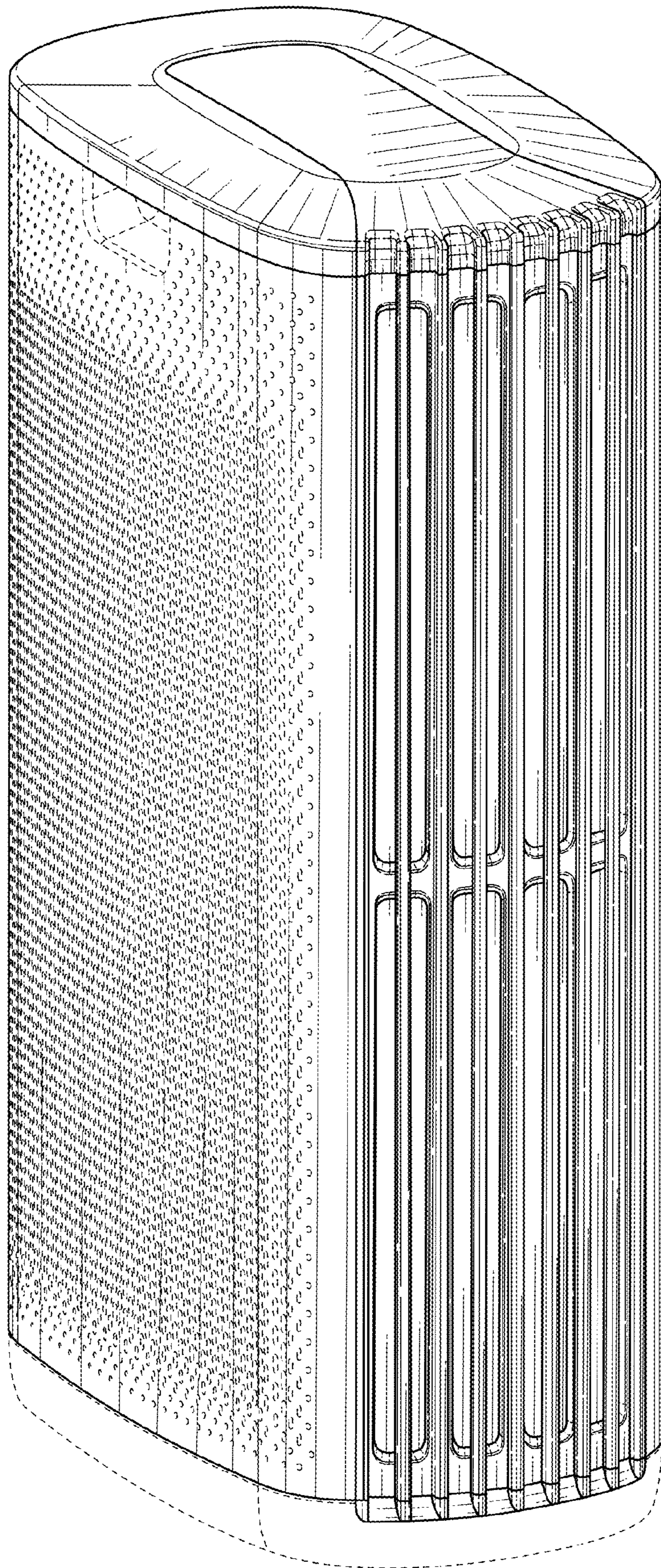


FIG. 1

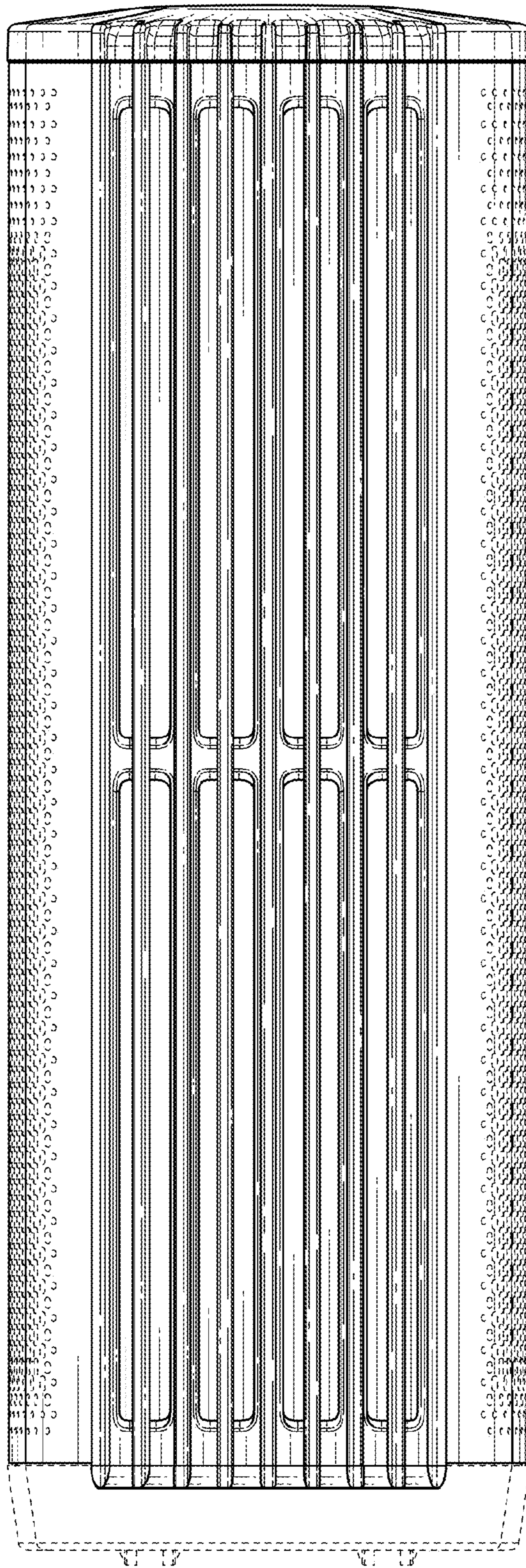


FIG. 2

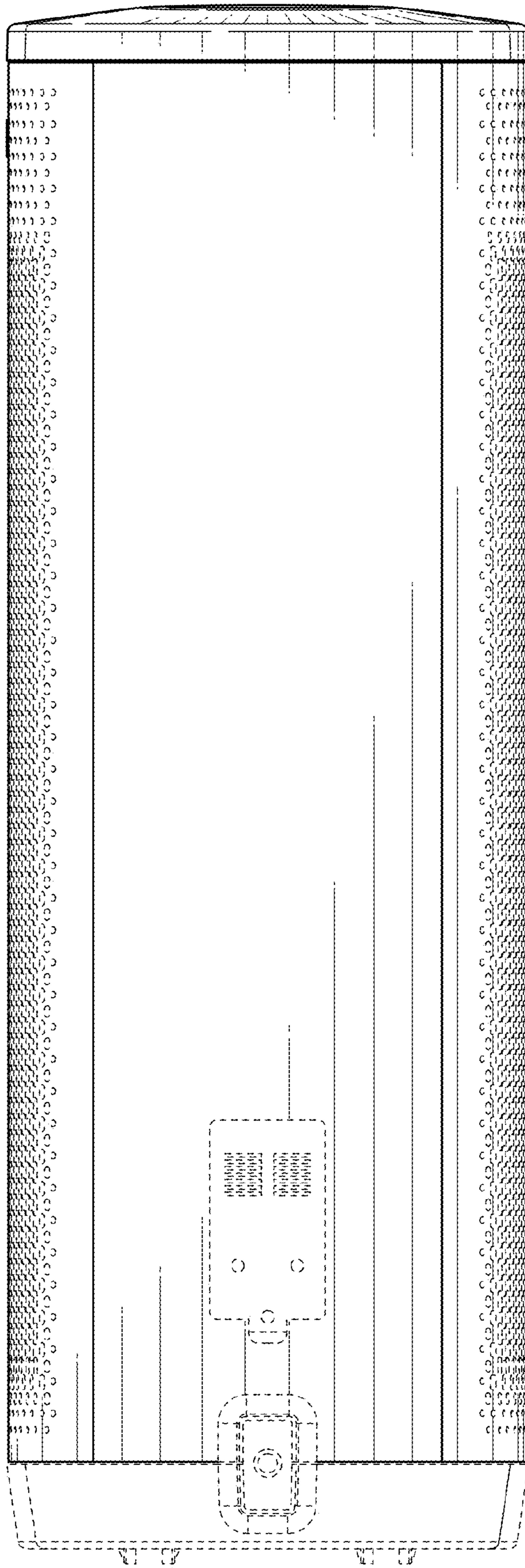


FIG. 3

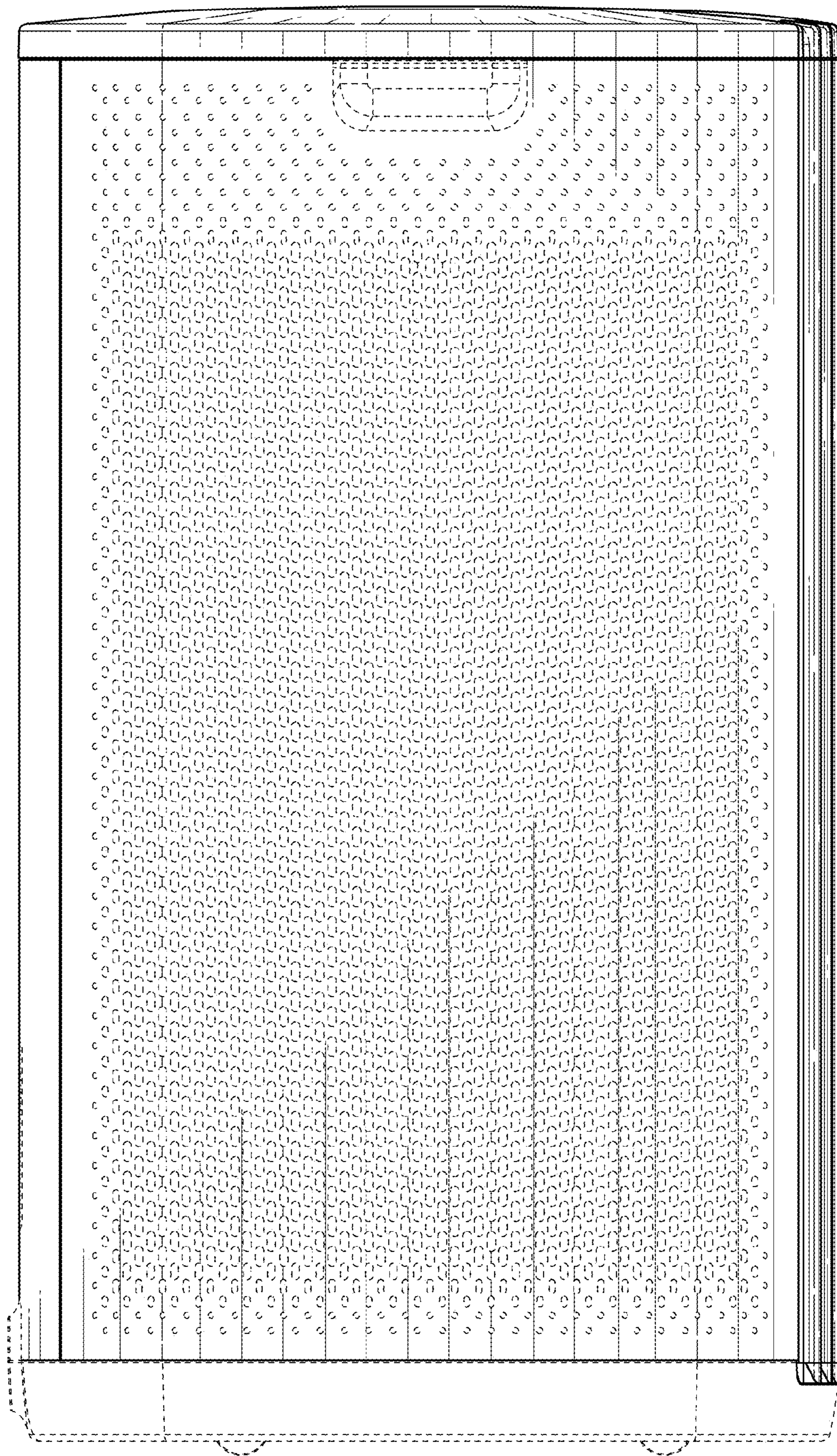


FIG. 4

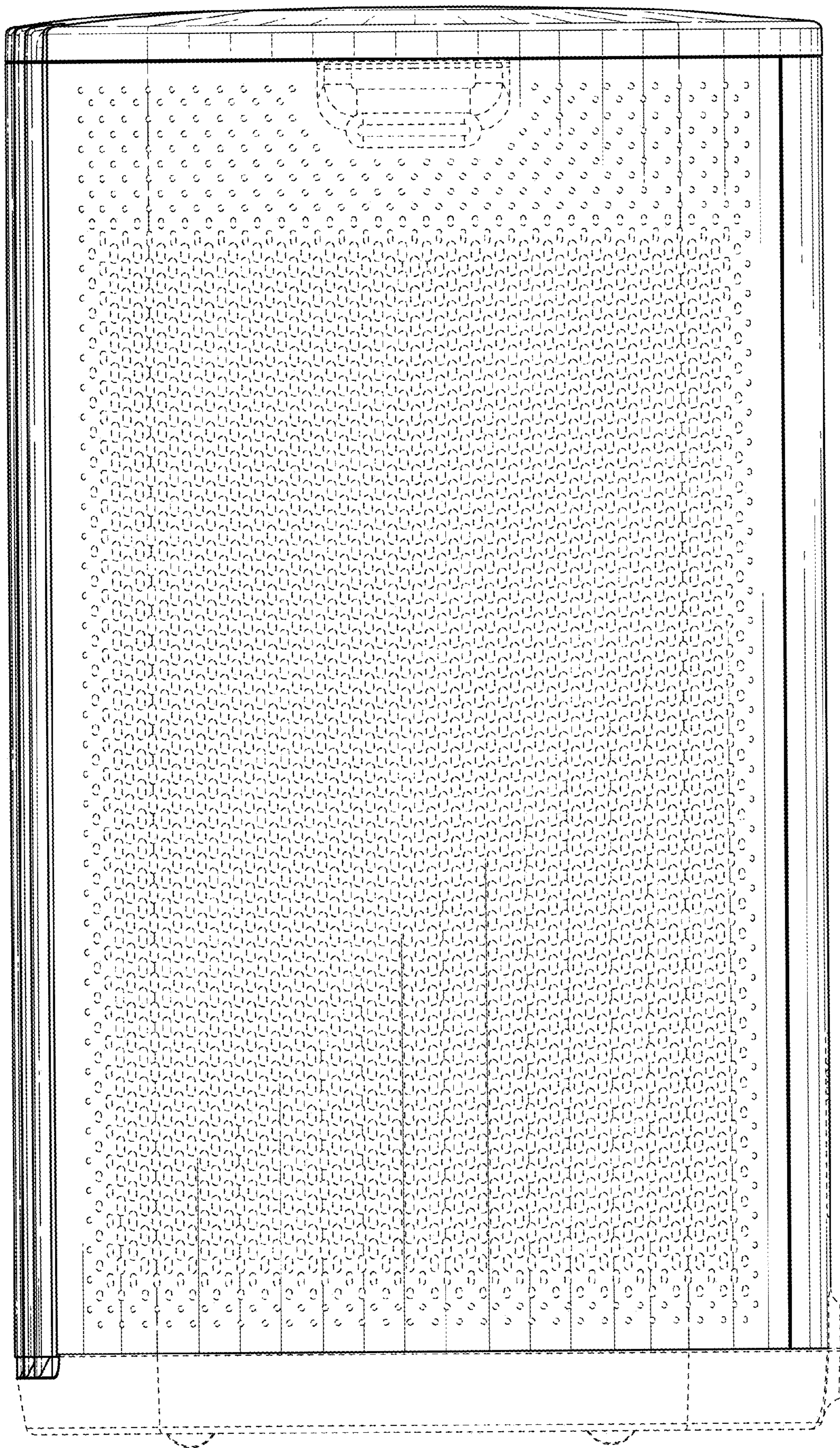


FIG. 5

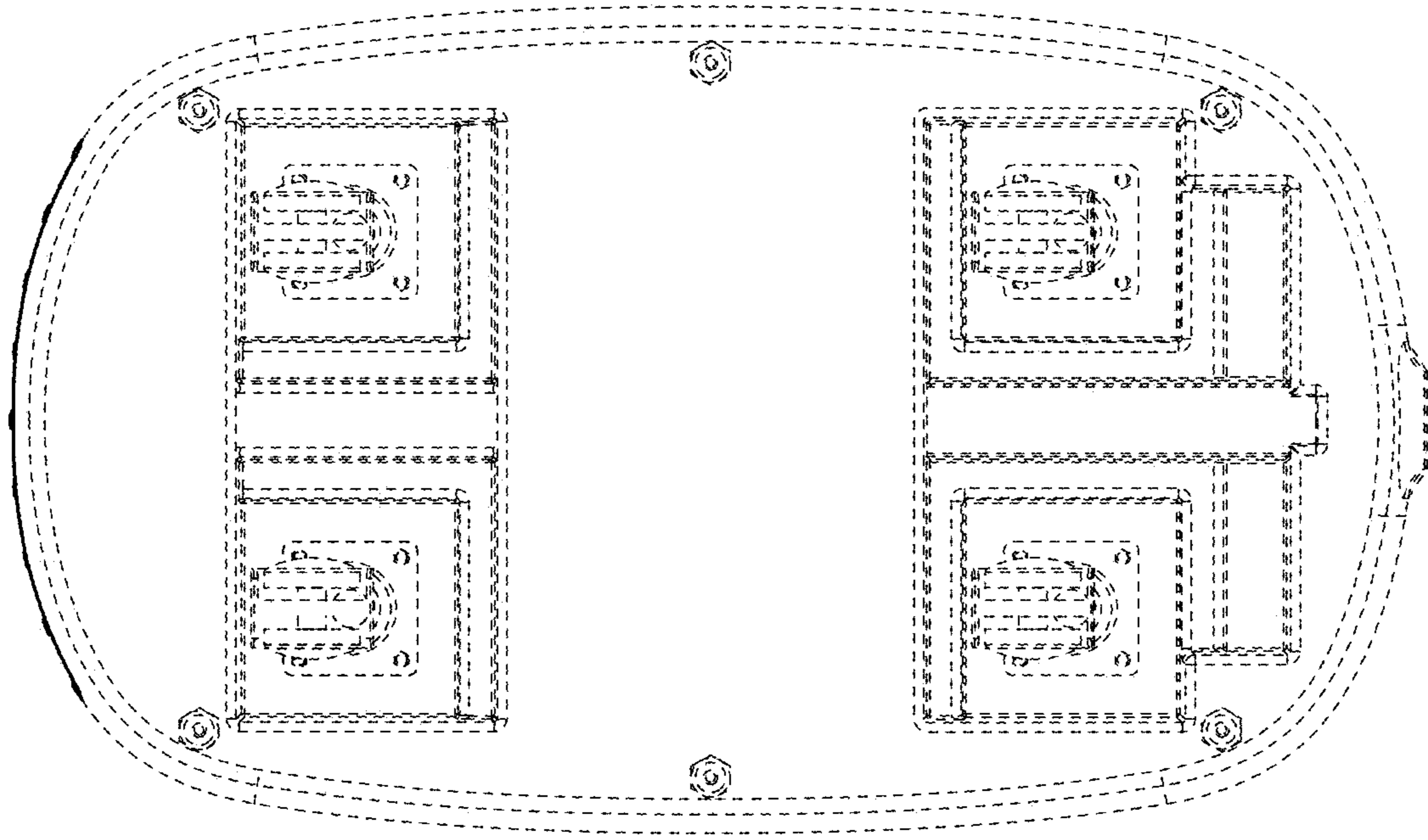


FIG. 6

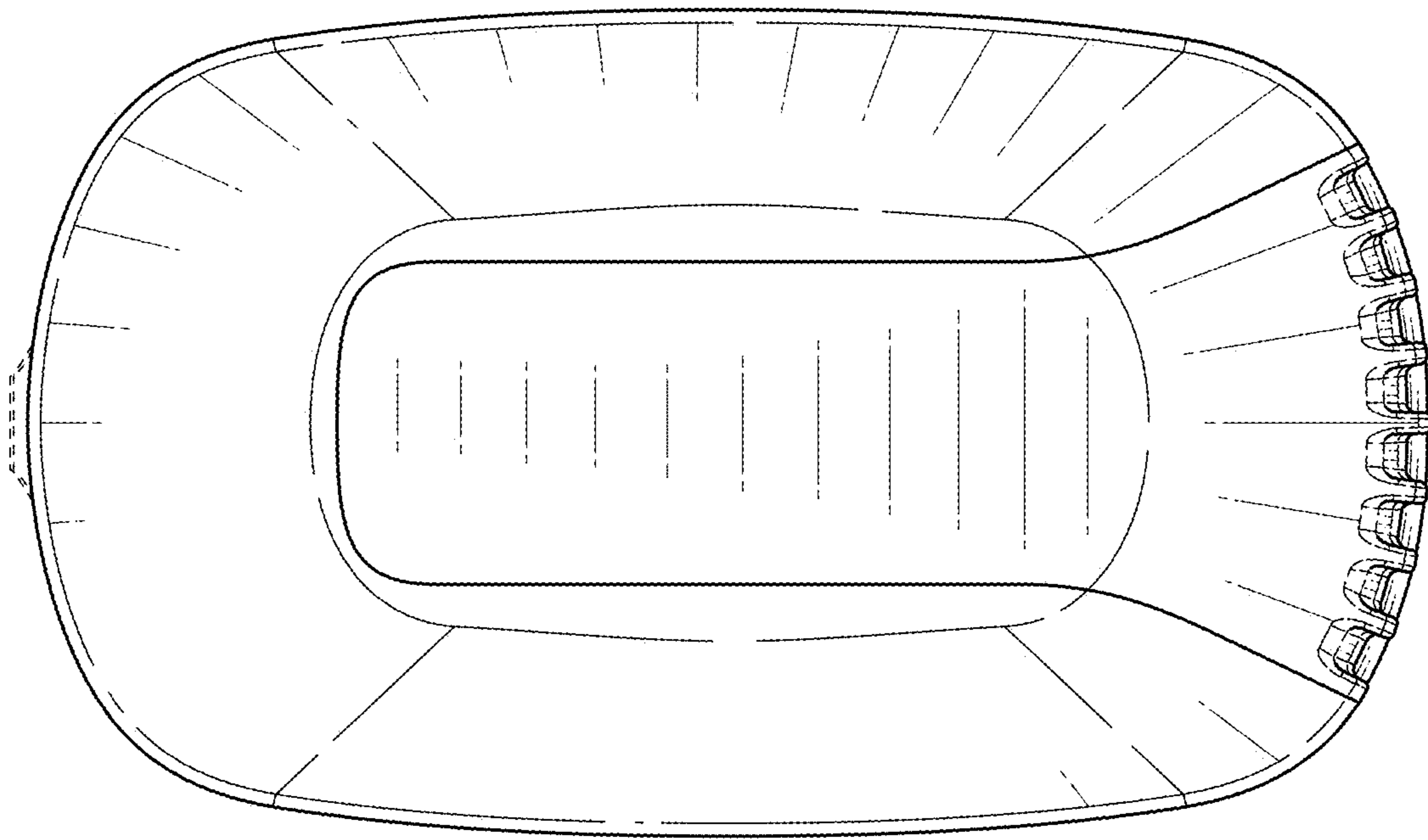


FIG. 7