



US00D928298S

(12) **United States Design Patent** (10) **Patent No.:** **US D928,298 S**
Zuo et al. (45) **Date of Patent:** **** Aug. 17, 2021**

(54) **AIR PURIFIER**

FOREIGN PATENT DOCUMENTS

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Dongguan (CN)

CA 3018596 A1 * 9/2017 F24F 3/1603
EP 2908068 A1 * 8/2015 F04D 29/526

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OTHER PUBLICATIONS

Airthereal Air Purifier 2020 found on Dec. 23, 2020 at <https://airthereal.com/products/adh50b?variant=23523423879226> (Year: 2020).*

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

MA-14 Air Purifier 2020 found on Dec. 23, 2020 at https://www.walmart.com/ip/Crane-Tower-Air-Purifier-Model-EE-5067-White/527705761_1/ (Year: 2020).*

(21) Appl. No.: **29/721,257**

* cited by examiner

(22) Filed: **Jan. 19, 2020**

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

Primary Examiner — Karen S Acker

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

Assistant Examiner — Jonathan Emil Fiencke

USPC **D23/364**

(57) **CLAIM**

(58) **Field of Classification Search**

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

USPC D23/364, 365, 355

CPC ... F24F 11/30; C04B 38/0009; B01D 45/2414

See application file for complete search history.

DESCRIPTION

(56) **References Cited**

FIG. 1 is a front and top perspective view of an air purifier, showing our new design;

U.S. PATENT DOCUMENTS

FIG. 2 is a front elevational view thereof;

D755,942 S * 5/2016 Kim D23/364

FIG. 3 is a rear elevational view thereof;

9,776,144 B1 * 10/2017 Lu F24F 13/20

FIG. 4 is a left side elevational view thereof;

9,919,252 B2 * 3/2018 Wennerstrom B01D 46/0032

FIG. 5 is a right side elevational view thereof;

D835,249 S * 12/2018 Echeverri D23/365

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

D835,765 S * 12/2018 Chen D23/364

FIG. 7 is a bottom plan view thereof.

D852,344 S * 6/2019 Hua D23/364

The areas and broken lines within them which are visible through the top in FIG. 6, and within the circular features on the sides of the article depict portions of the air purifier that form no part of the claimed design. All other broken lines and areas within them depict features of the air purifier that form no part of the claimed design.

D853,544 S * 7/2019 Vu D23/364

D862,673 S * 10/2019 Tang D23/364

D865,148 S * 10/2019 Yoon D23/364

D878,530 S * 3/2020 Pan D23/364

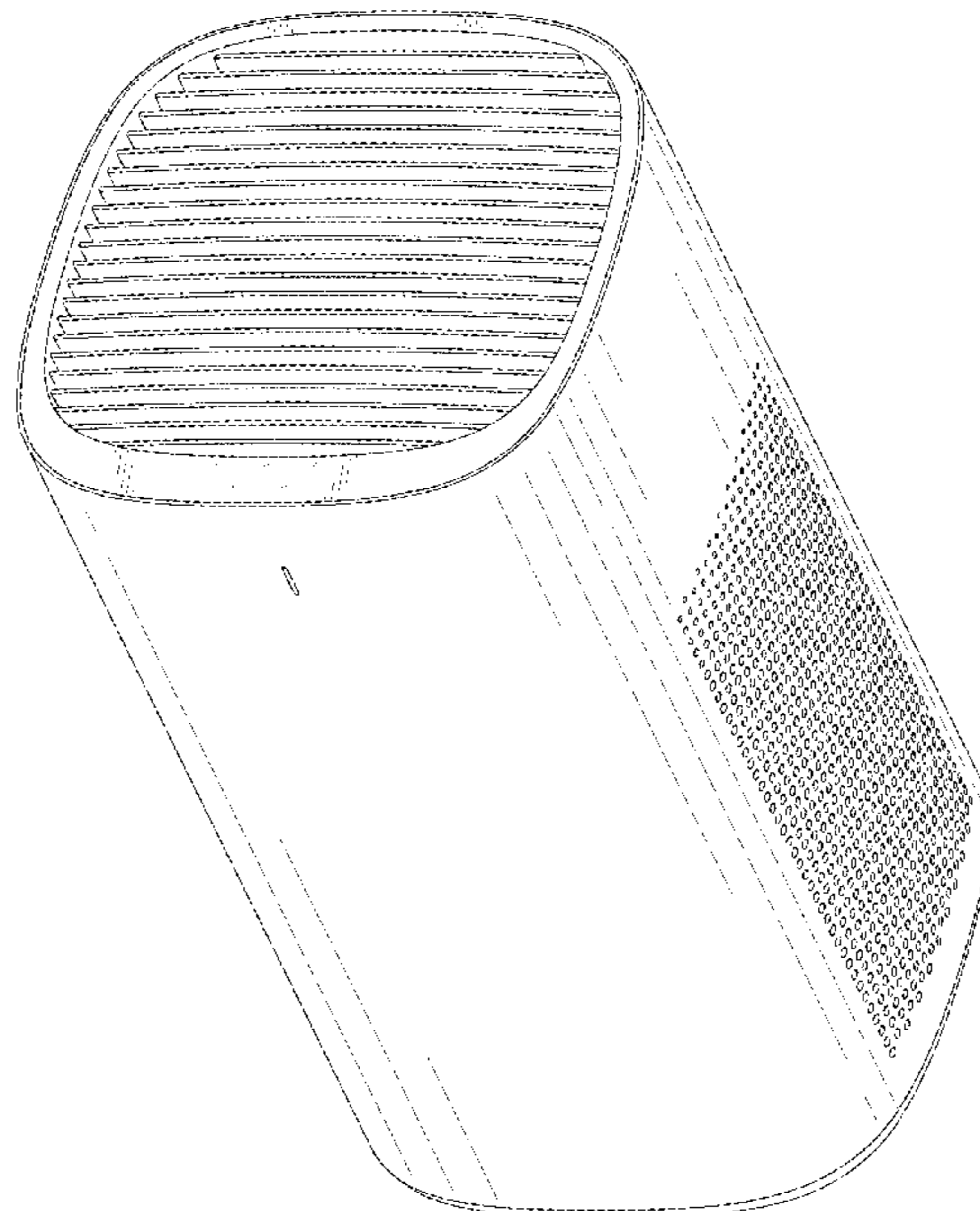
D891,598 S * 7/2020 Hernandez D23/364

D898,889 S * 10/2020 Yu D23/364

D900,290 S * 10/2020 Shin D23/364

2020/0182503 A1 * 6/2020 Kelly F24F 11/30

1 Claim, 7 Drawing Sheets



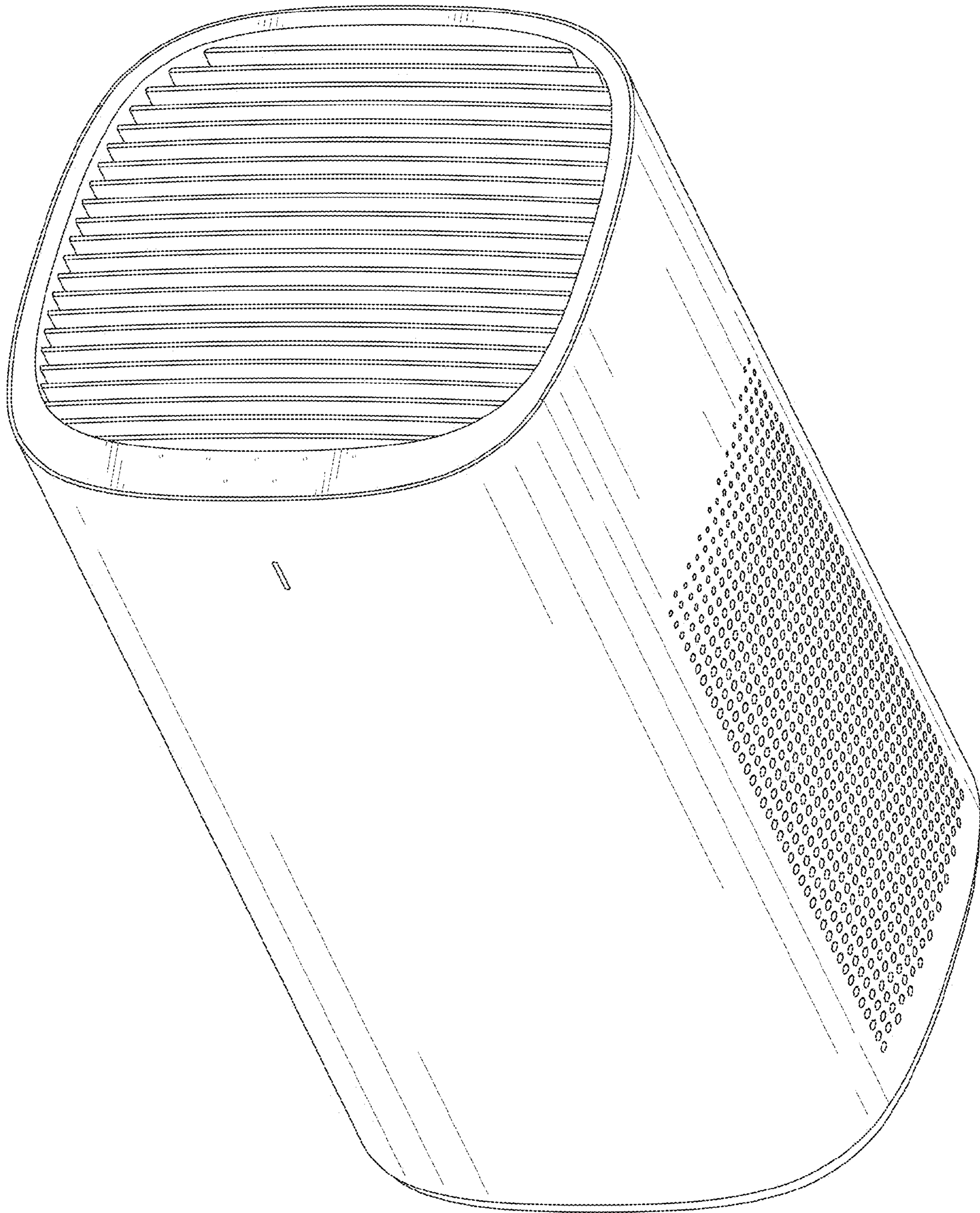


FIG. 1

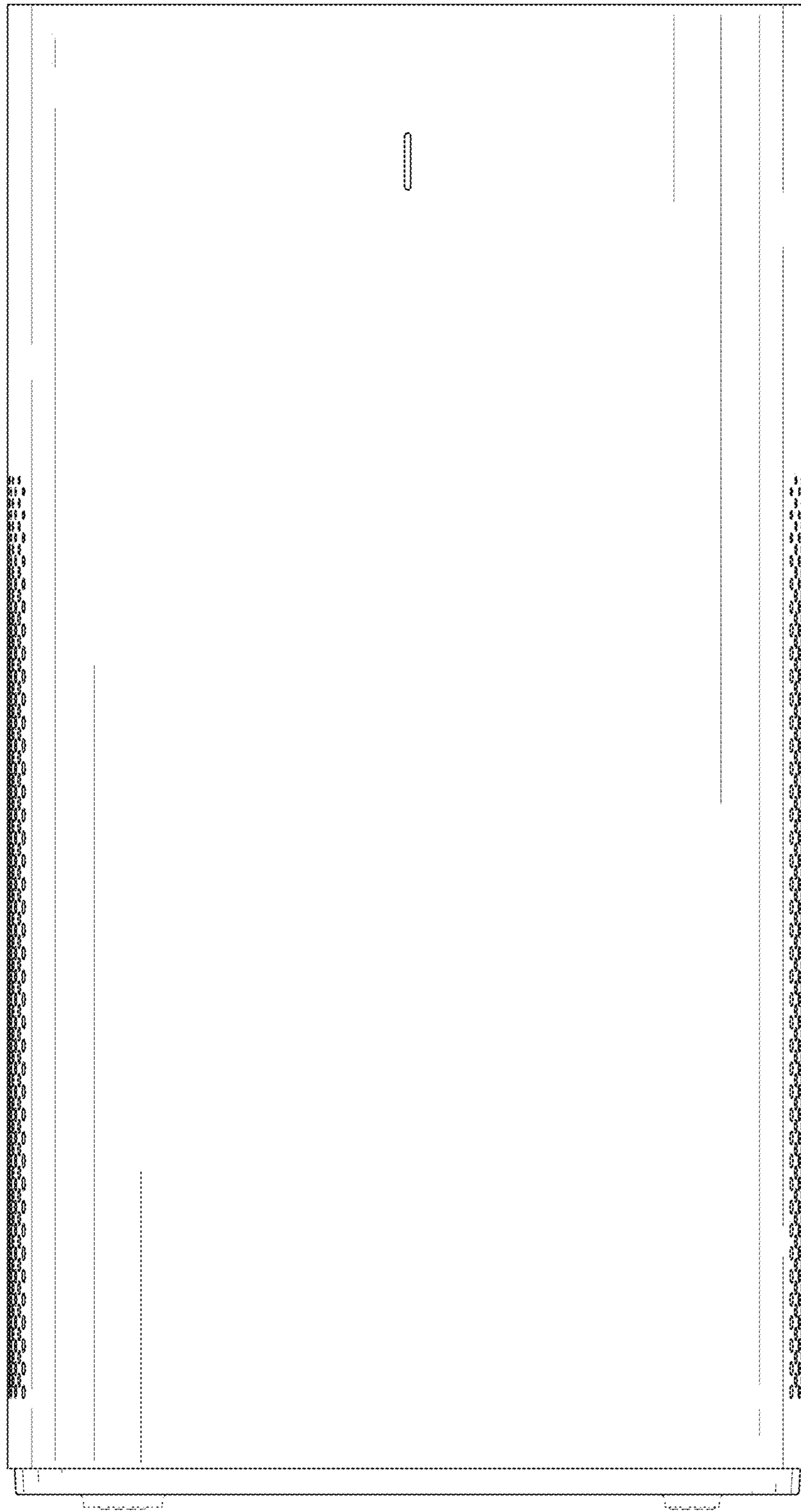


FIG. 2

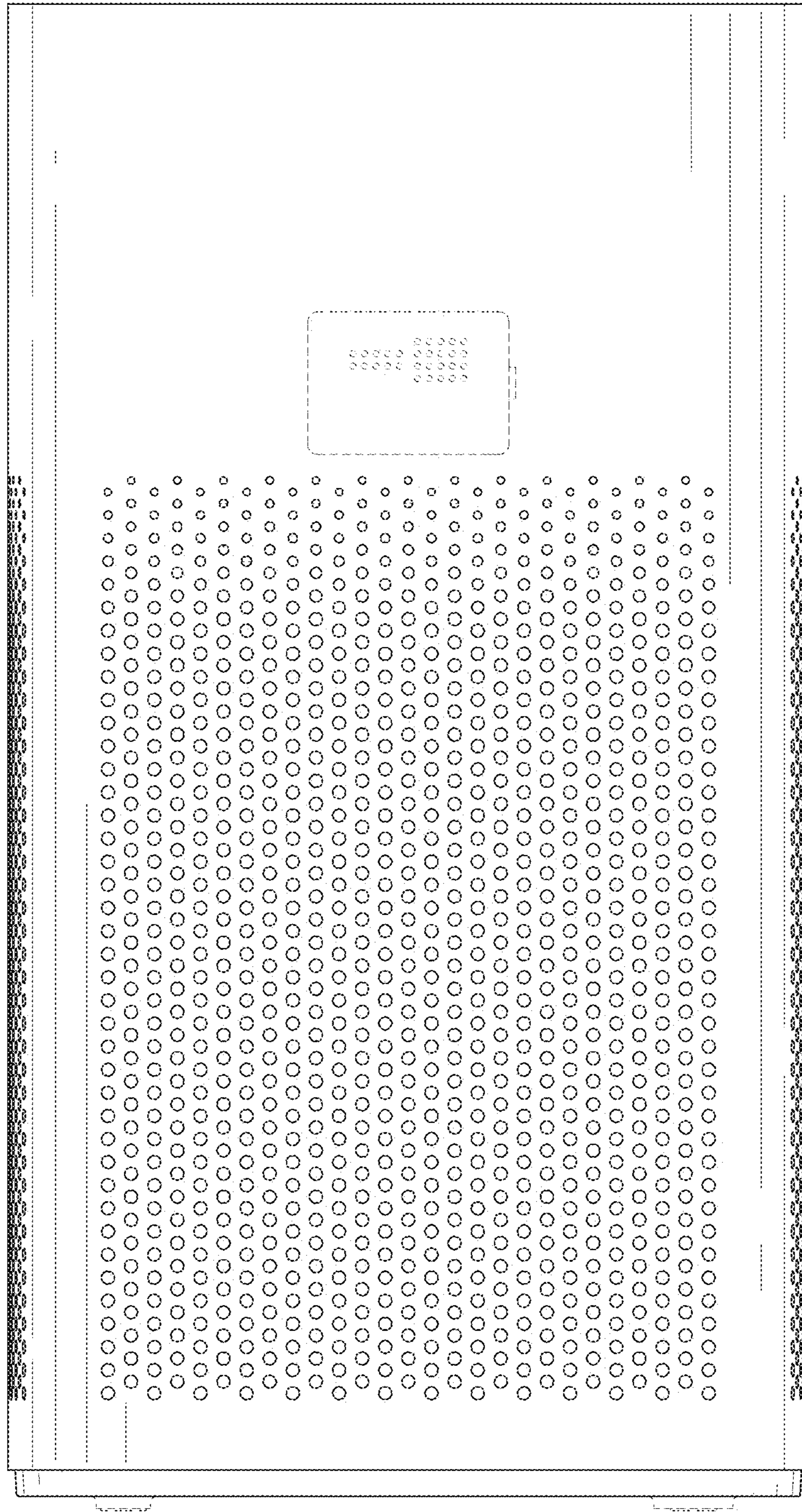


FIG. 3

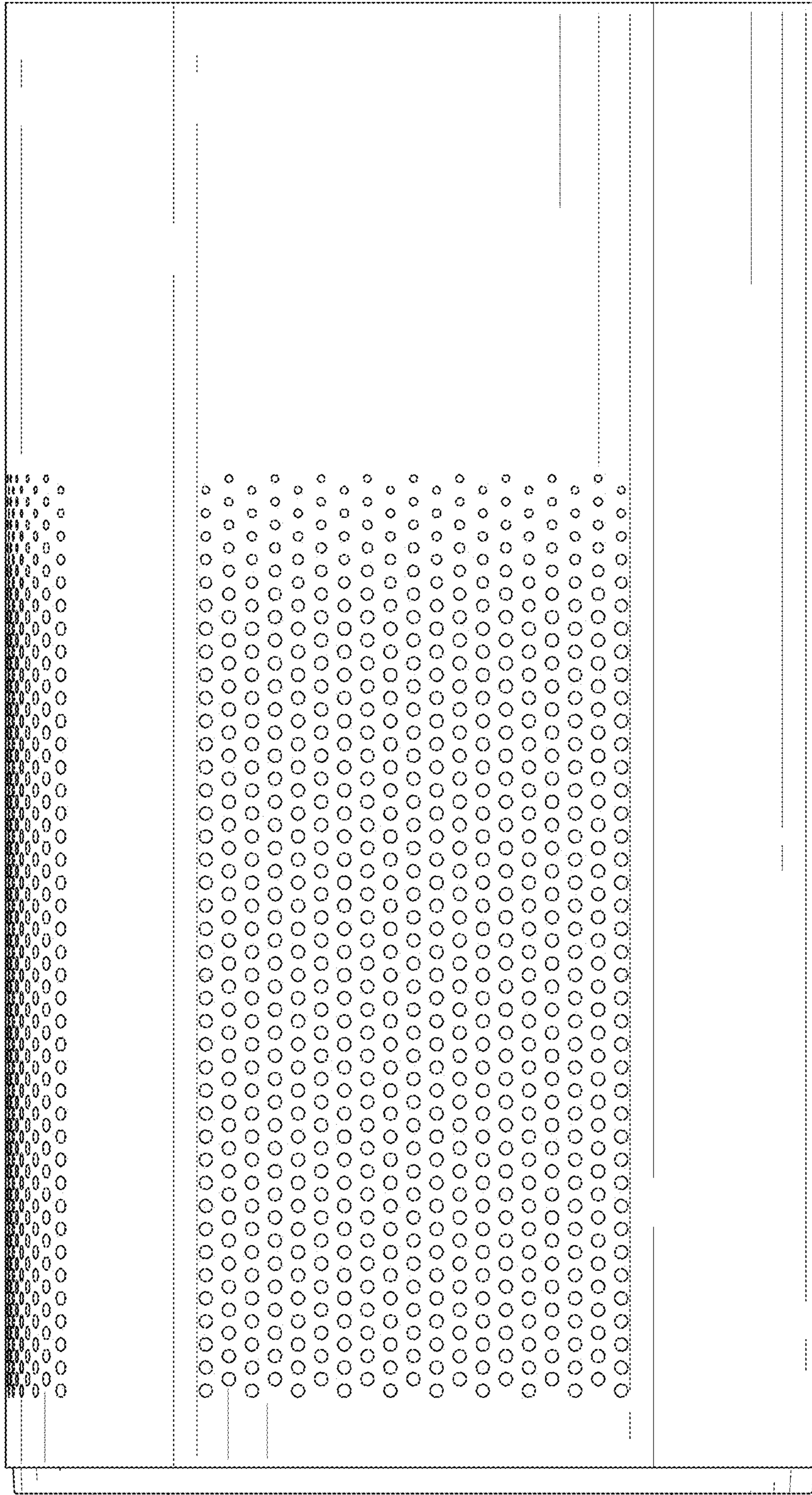


FIG. 4

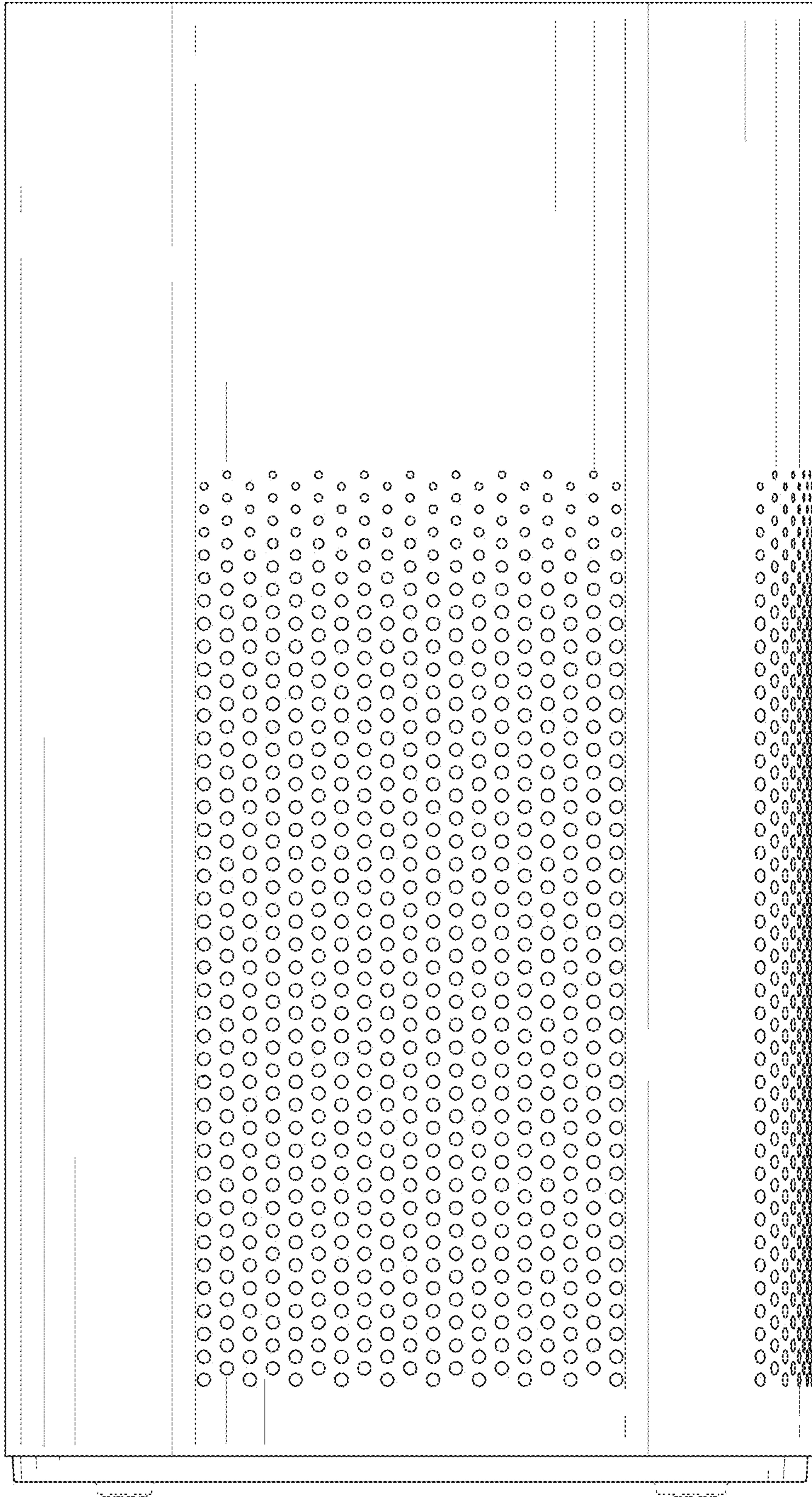


FIG. 5

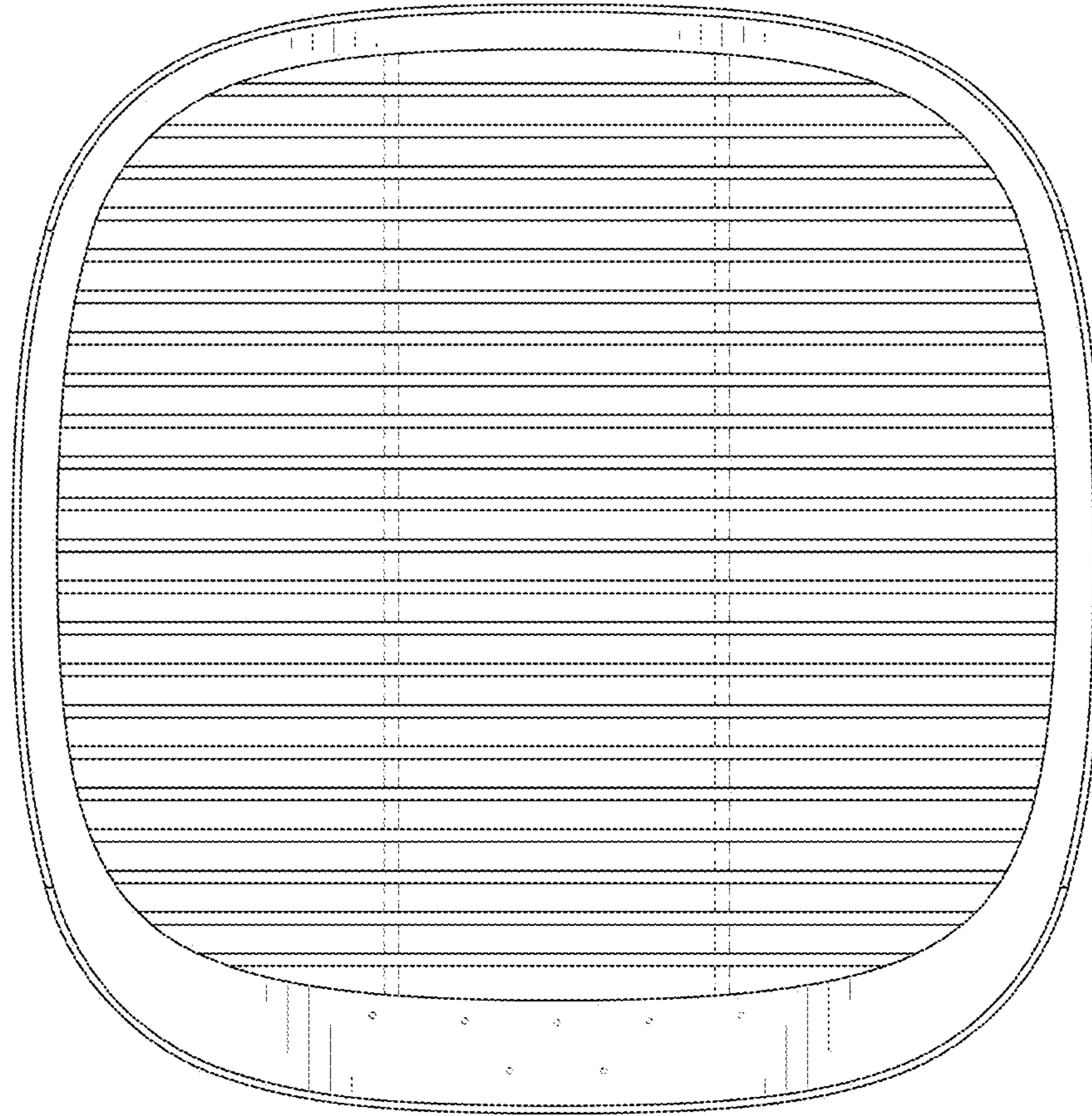


FIG. 6

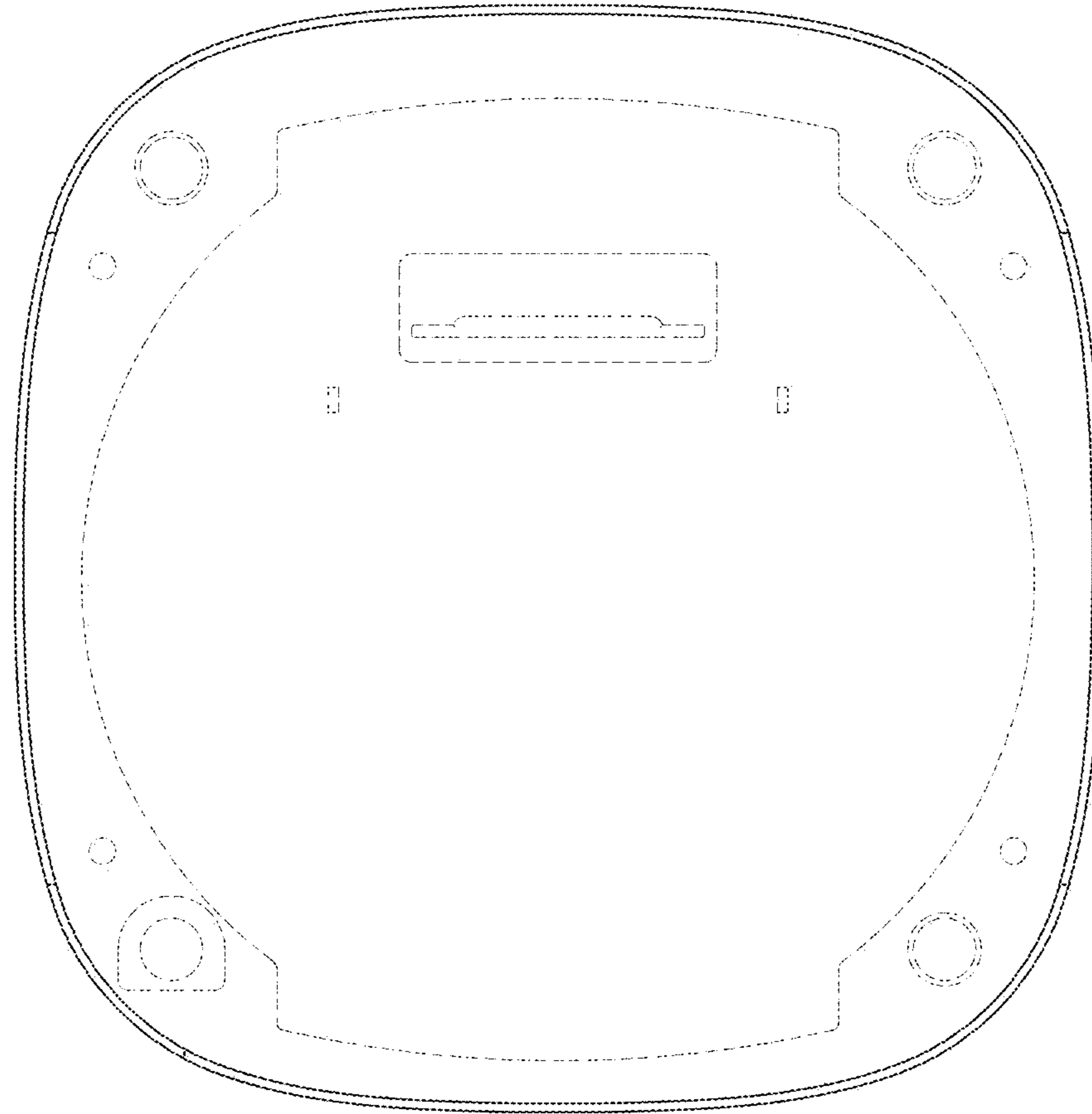


FIG. 7