



US00D987800S

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

(10) **Patent No.:** **US D987,800 S**
(45) **Date of Patent:** **** May 30, 2023**

(54) **AIR PURIFIER**

(71) Applicant: **Healthlead Corporation Limited,**
Shenzhen (CN)

(72) Inventors: **Yaogang Chen,** Shenzhen (CN);
Zhixue Zou, Shenzhen (CN);
Hongzeng Zhang, Shenzhen (CN)

(73) Assignee: **Healthlead Corporation Limited,**
Shenzhen (CN)

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

(21) Appl. No.: **29/794,475**

(22) Filed: **Jun. 12, 2021**

(30) **Foreign Application Priority Data**

Feb. 2, 2021 (CN) 202130076544.7

(51) **LOC (14) Cl.** **23-04**

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

(58) **Field of Classification Search**
USPC D23/314, 332, 333, 335, 336, 355, 356,
D23/364, 365, 366, 378
CPC F24F 1/0022; F24F 3/14; F24F 6/06; F24F
8/80; B01D 46/00281; B01D 46/0043;
A61L 2209/12; A61L 2209/14
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D705,410 S *	5/2014	Terao	.....	D23/364
D799,016 S *	10/2017	Su	.....	D23/364
D837,354 S *	1/2019	Su	.....	D23/364
D898,889 S *	10/2020	Yu	.....	D23/364
D912,796 S *	3/2021	Huang	.....	D23/364
D918,367 S *	5/2021	Li	.....	D23/359
D928,298 S *	8/2021	Zuo	.....	D23/364
D934,837 S *	11/2021	Huang	.....	D14/214
D942,602 S *	2/2022	Yu	.....	D23/356

D942,605 S *	2/2022	Yu	.....	D23/364
D943,076 S *	2/2022	Yu	.....	D23/364
D947,339 S *	3/2022	Yu	.....	D23/364
D947,342 S *	3/2022	Xu	.....	D23/364

(Continued)

FOREIGN PATENT DOCUMENTS

CN 202230404595.2 * 10/2022

OTHER PUBLICATIONS

FIWOTTTDA Breathe Nature 01. Catalogue [Online]. Amazon Standard ID# B09PHCC8CG. Amazon.com 2022. [Date First Available {Jan. 4, 2022}][Retrieved on Jan. 11, 2023]. Retrieved from the Internet: <URL:https://www.amazon.com/FIWOTTTDA-Purifiers-Coverage-Quality-Monitor/dp/B09PHCC8CG> (Year: 2022).*

(Continued)

Primary Examiner — Janice Hallmark

Assistant Examiner — Adedoyin Taiwo Odeyale

(74) *Attorney, Agent, or Firm* — Westbridge IP LLC

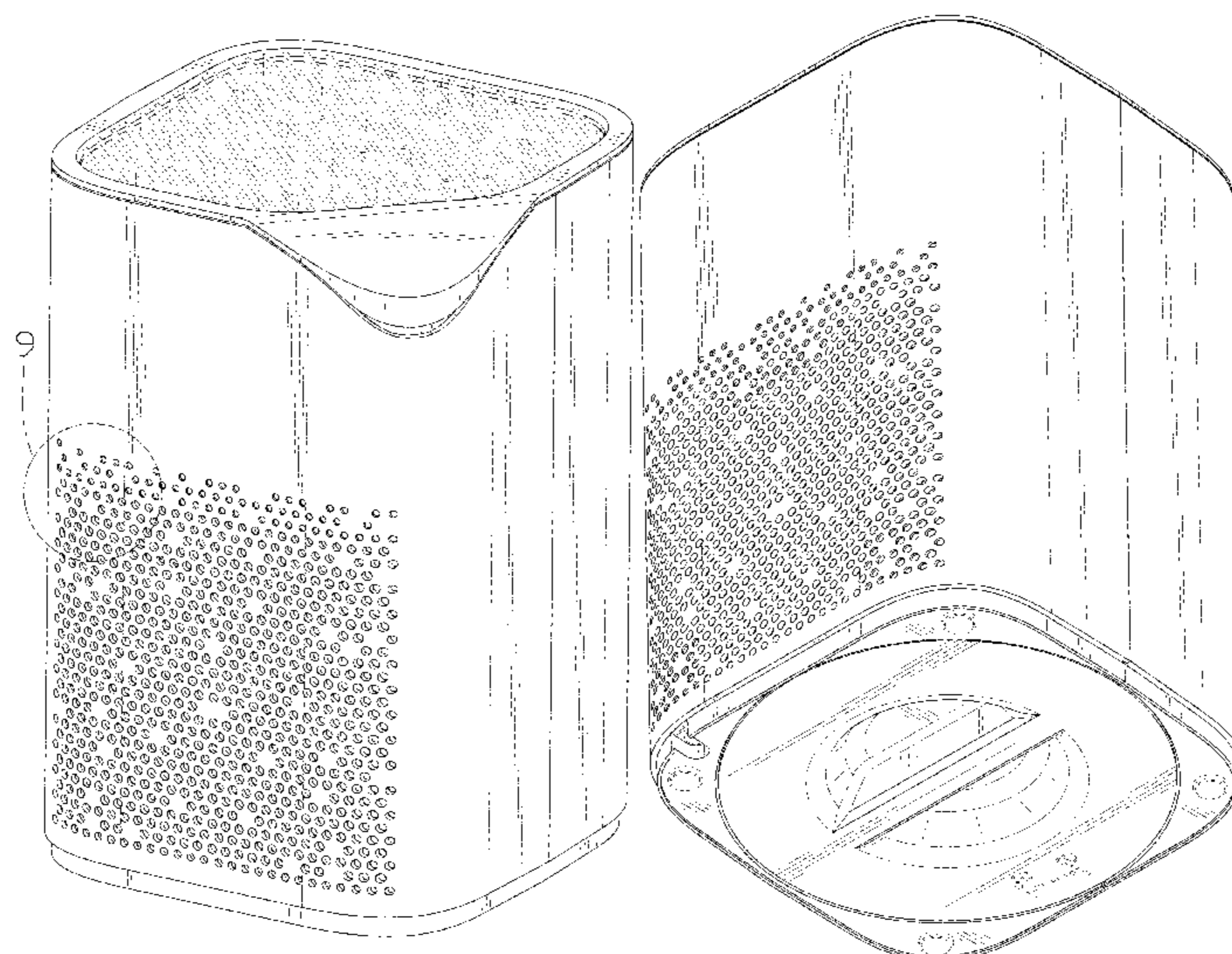
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of an air purifier showing our new design;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side elevation view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof; and,
FIG. 9 is an enlarged view of portion 9 in FIG. 1.
The evenly spaced broken lines illustrate portions of the air purifier that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D948,017 S * 4/2022 Chen D23/364
D952,814 S * 5/2022 Tang D23/356
D964,534 S * 9/2022 Yu D23/364
D970,706 S * 11/2022 Chen D23/364

OTHER PUBLICATIONS

Healthlead EPI151 Air Purifier. Product datasheet [Online].
Healthleadairpurifier.com 2021. [Retrieved on Jan. 11, 2023]. Retrieved
from the Internet: <URL:https://www.healthleadairpurifier.com/sale-
32928989-desktop-smart-99-97-hepa-air-purifier-for-household-pet-
family-bedroom.html> (Year: 2023).*

* cited by examiner

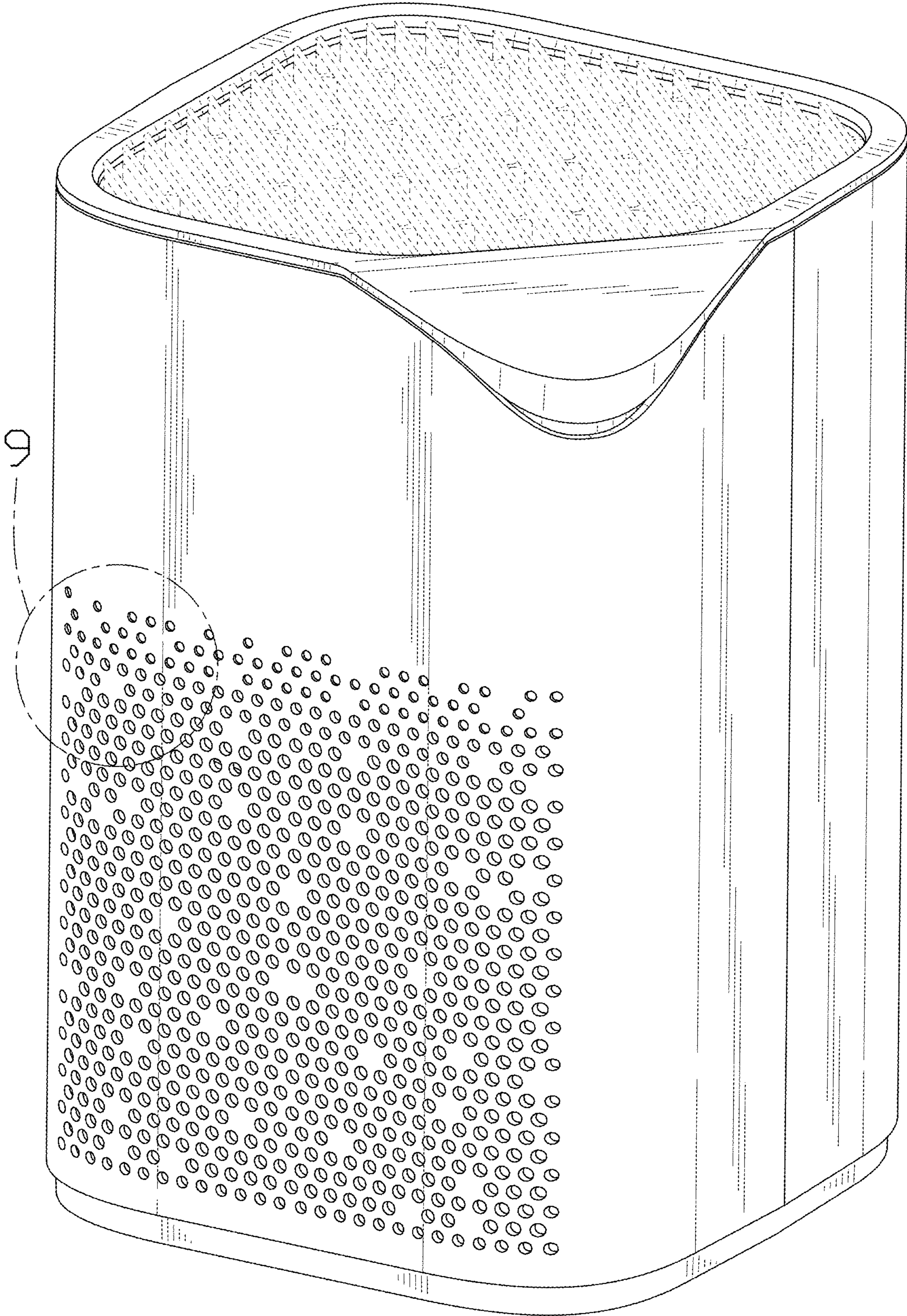


FIG. 1

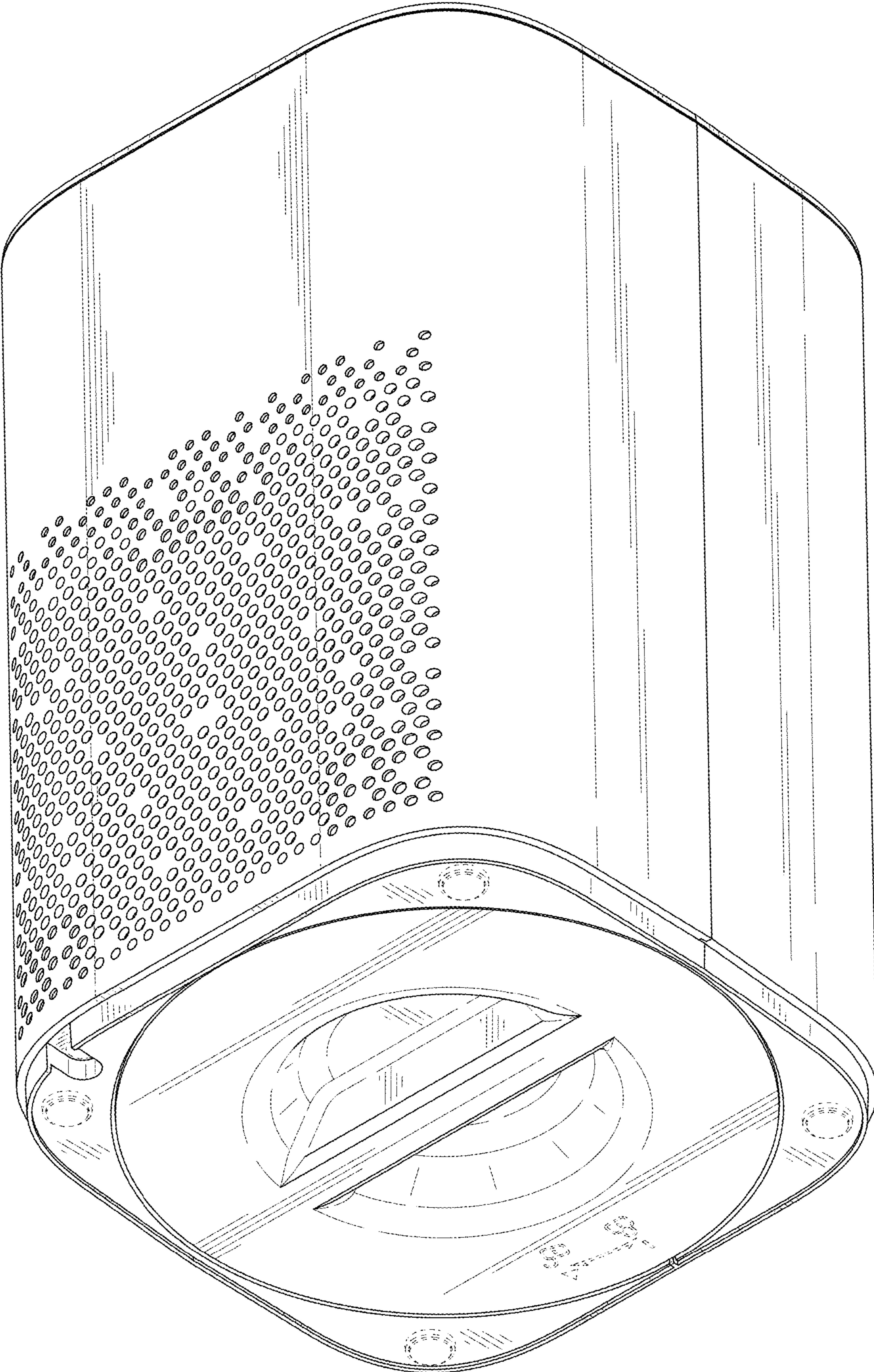


FIG. 2

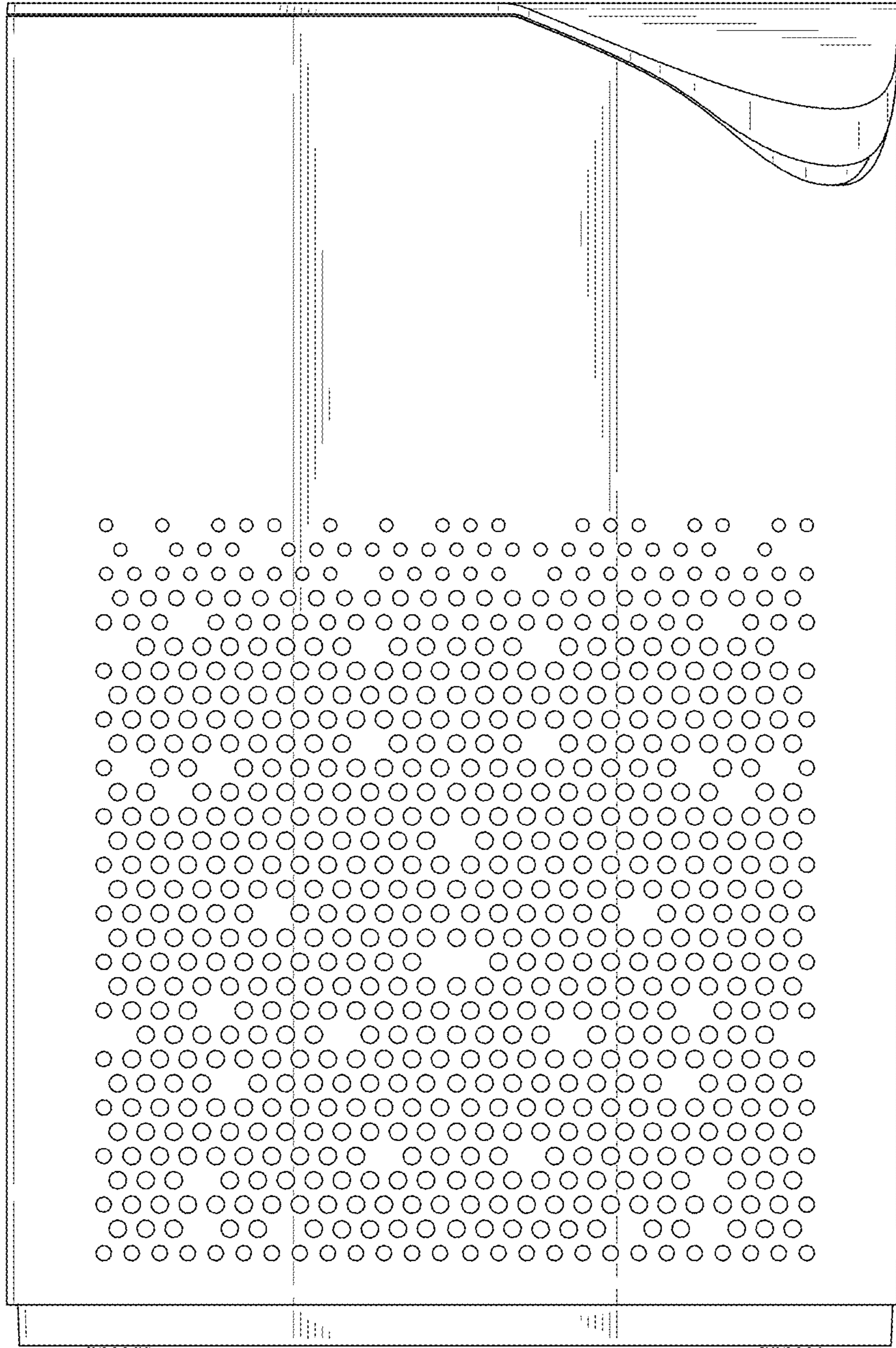


FIG. 3

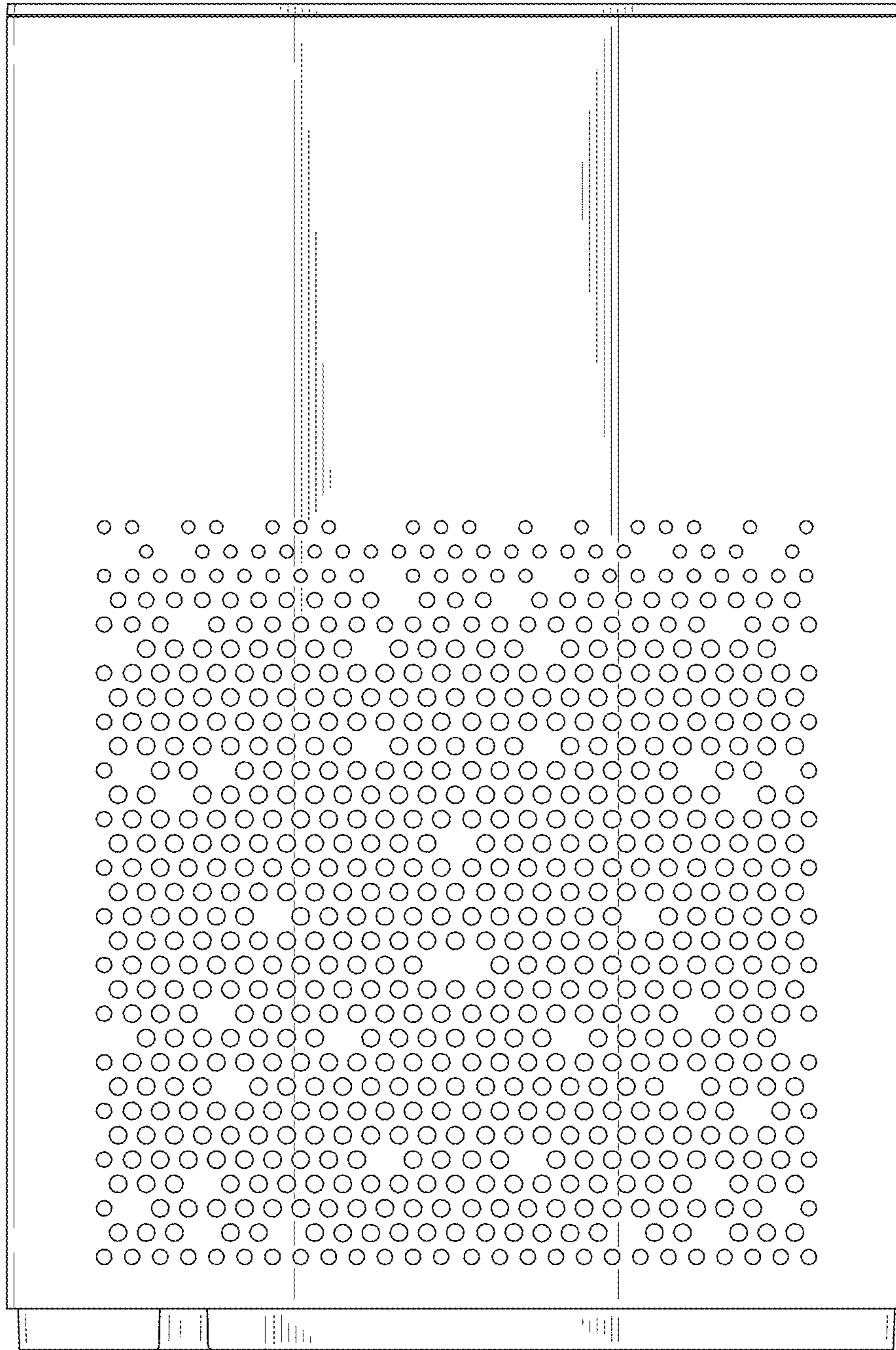


FIG. 4

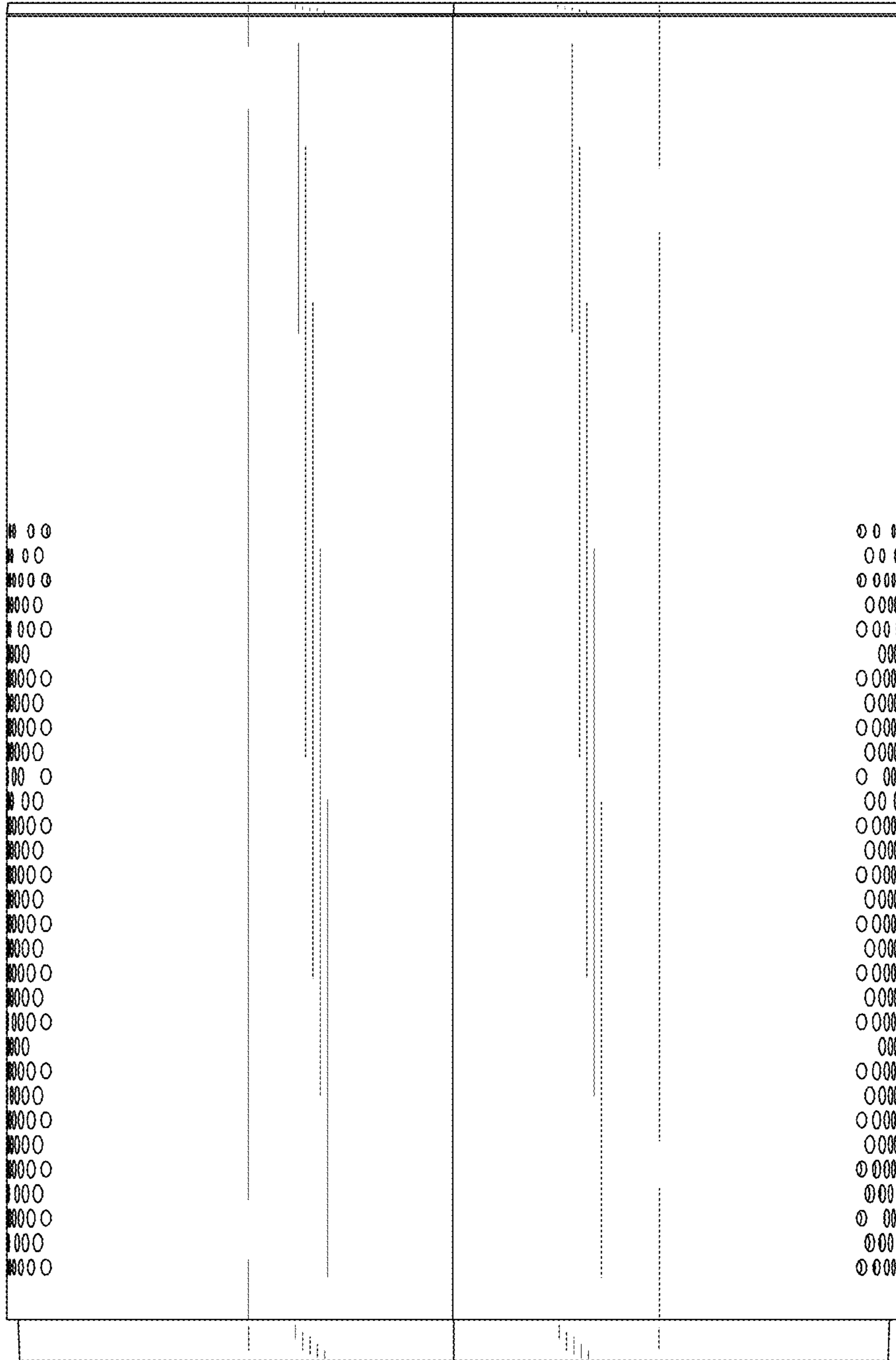


FIG. 5

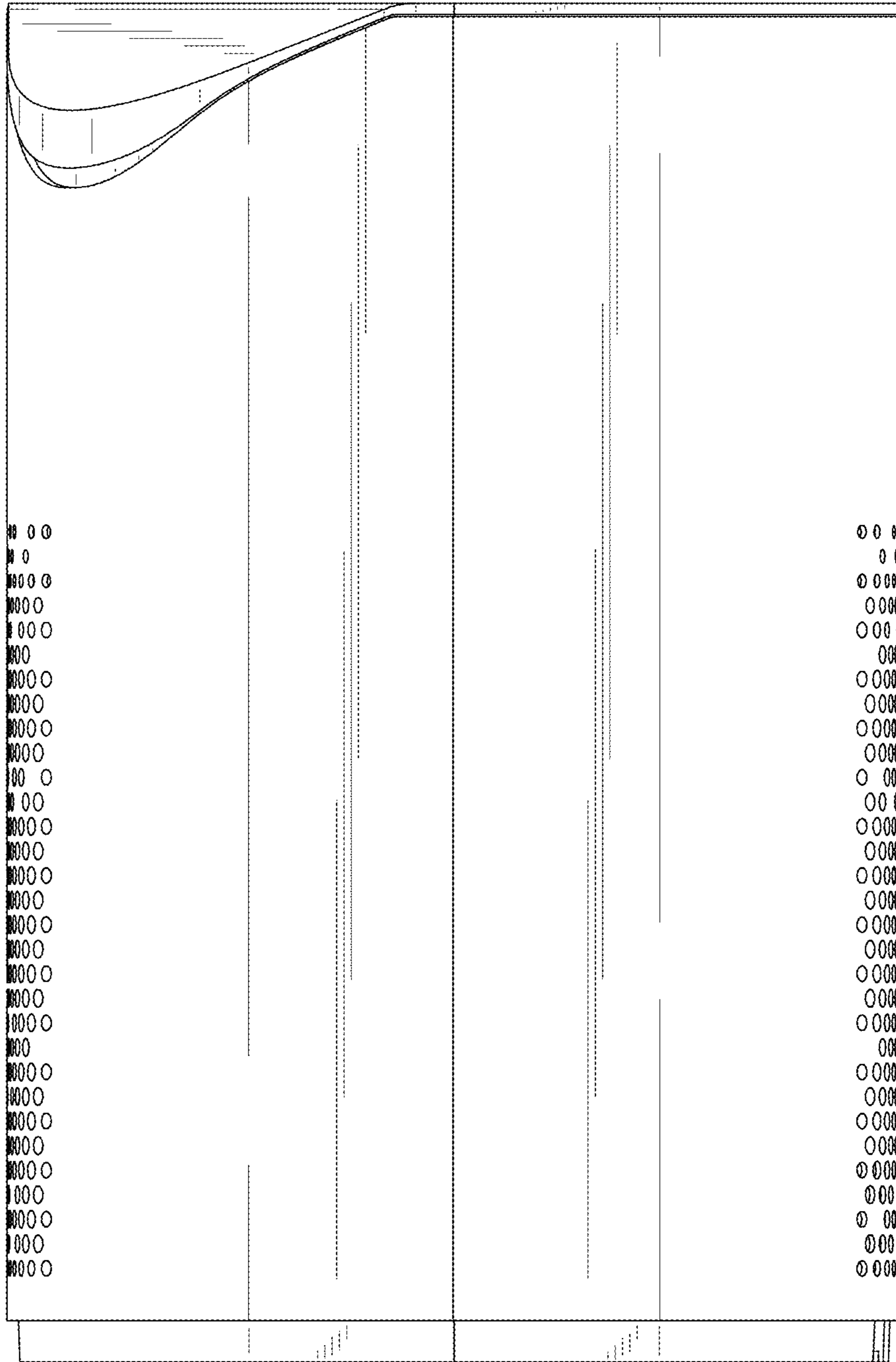


FIG. 6

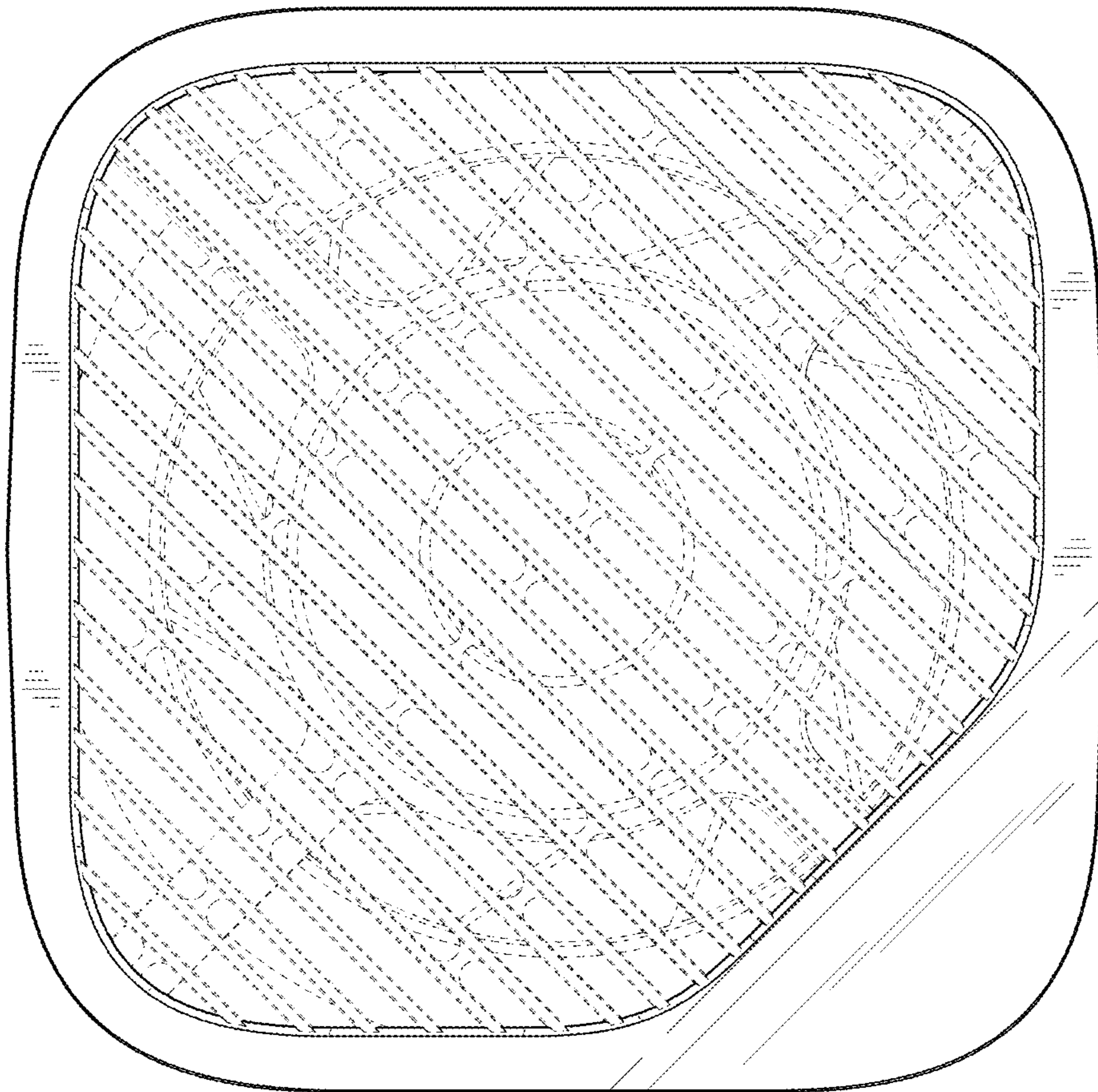


FIG. 7

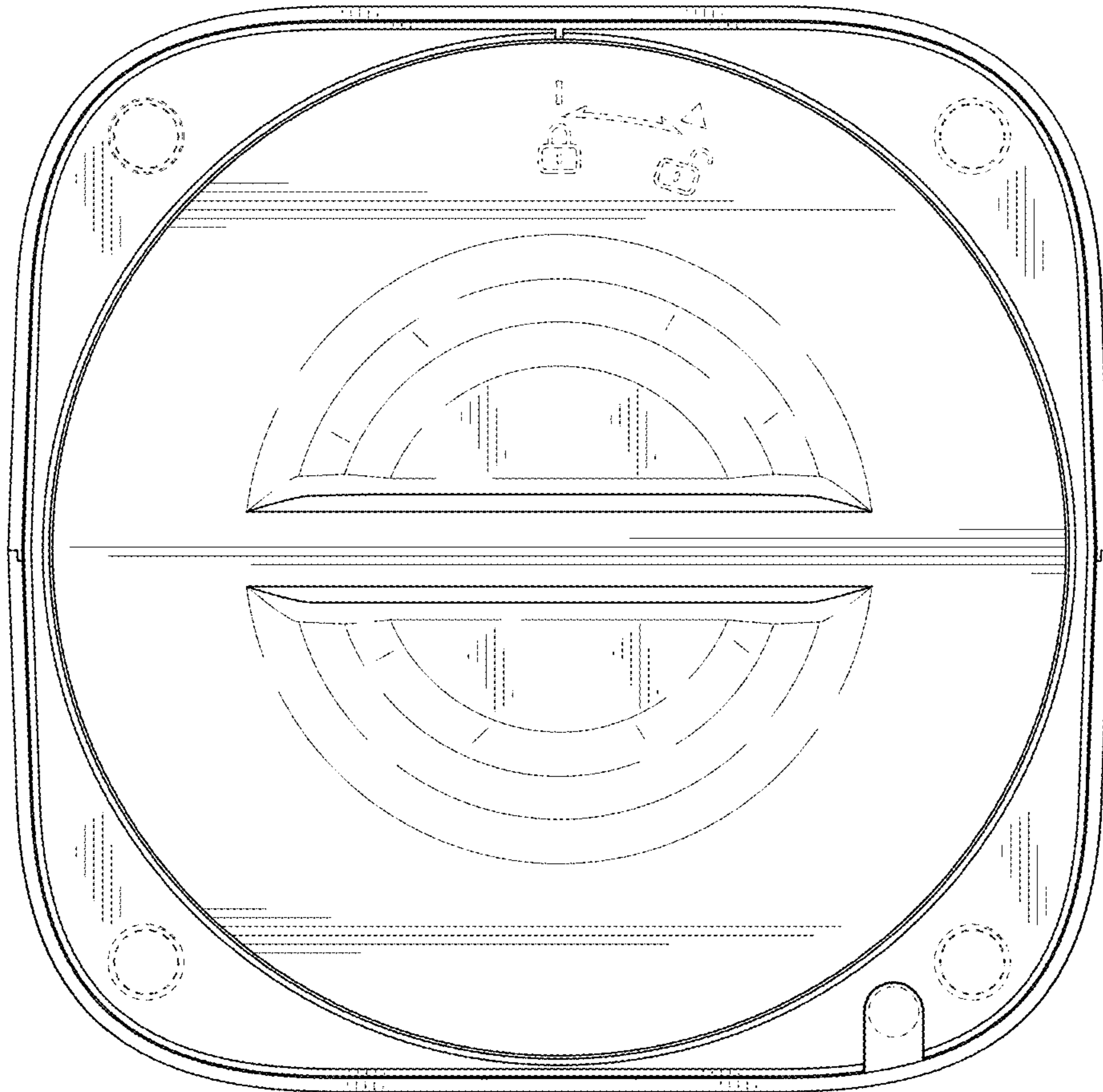


FIG. 8

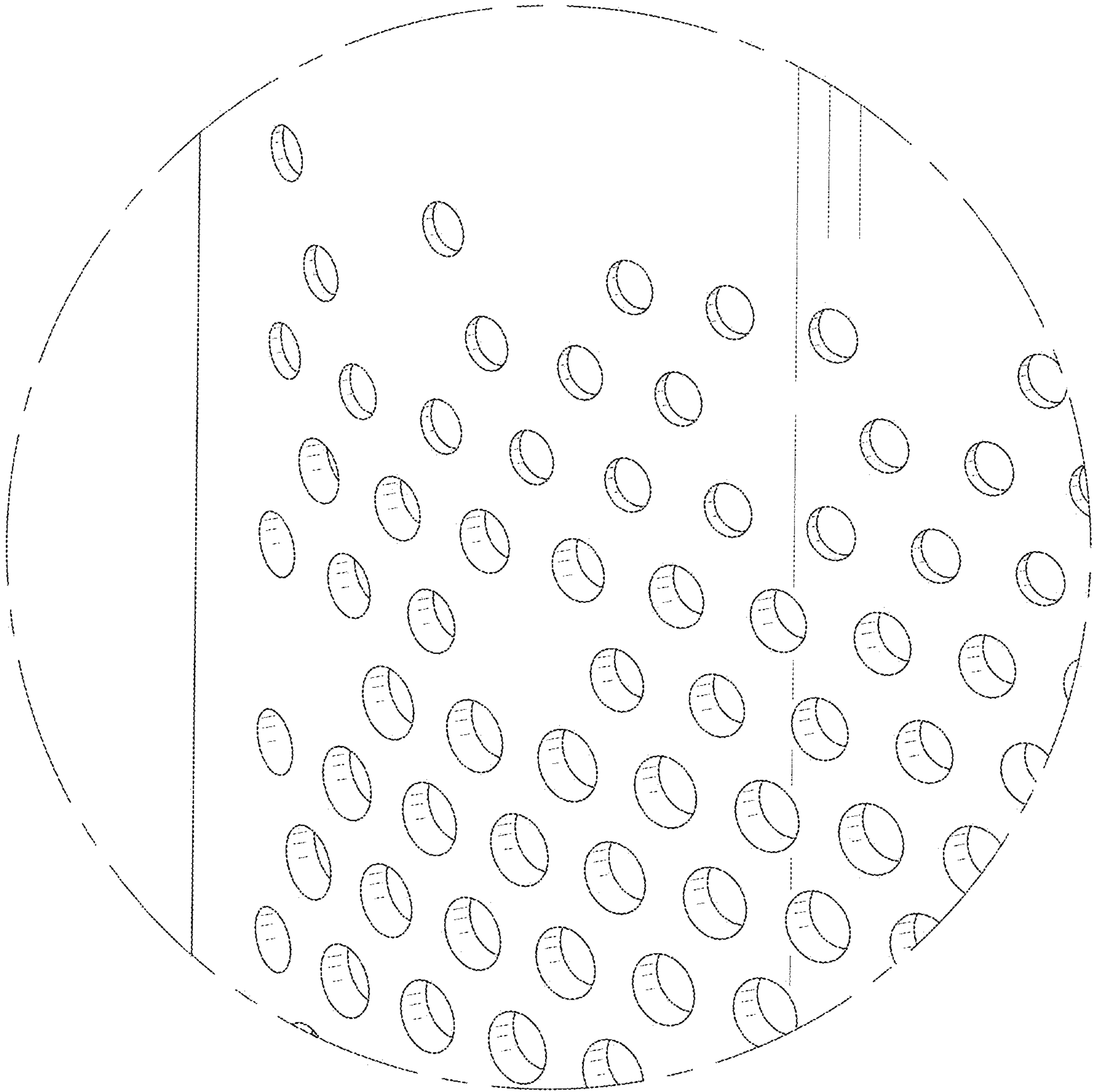


FIG. 9