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(12) **United States Design Patent** (10) **Patent No.:** **US D949,307 S**  
**Yang et al.** (45) **Date of Patent:** **\*\* Apr. 19, 2022**

(54) **DEHUMIDIFIER**

(71) Applicant: **GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.**, Foshan (CN)

(72) Inventors: **Yongyi Yang**, Foshan (CN); **Jialong Luo**, Foshan (CN)

(73) Assignee: **GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.**, Foshan (CN)

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**  
USPC ..... **D23/359**

(58) **Field of Classification Search**  
USPC ..... D23/356, 359, 364-365, 378, 499  
CPC ..... F24F 3/16; F24F 3/1405; F24F 3/1603;  
F24F 13/20; F24F 13/222  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D865,148 S *	10/2019	Yoon	.....	D23/364
D878,531 S *	3/2020	Shin	.....	D23/364
D888,918 S *	6/2020	Seo	.....	D23/356
D912,796 S *	3/2021	Huang	.....	D23/364
D917,683 S *	4/2021	Xie	.....	D23/359
D918,366 S *	5/2021	Li	.....	D23/359
D924,385 S *	7/2021	Liu	.....	F24F 13/20
				D23/356

D925,024 S *	7/2021	Huang	.....	D23/356
D933,797 S *	10/2021	Liu	.....	D23/364
2013/0149200 A1 *	6/2013	Hong	.....	B03C 3/12
				422/122

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	305949933	*	7/2020
CN	306211382	*	12/2020

**OTHER PUBLICATIONS**

Blue Pure 211 + Air Purifier, first available Jan. 5, 2017[online], [site visited Nov. 12, 2021]. Available from internet, URL:<https://www.amazon.ca/dp/B073WJL99W> (Year: 2017).\*

(Continued)

*Primary Examiner* — Barbara Fox

*Assistant Examiner* — Jamaal Rasheed

(74) *Attorney, Agent, or Firm* — Anova Law Group PLLC

(57) **CLAIM**

The ornamental design for a dehumidifier, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a dehumidifier showing our new design:

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a left-side elevational view thereof;

FIG. 4 is a right-side elevational view thereof

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

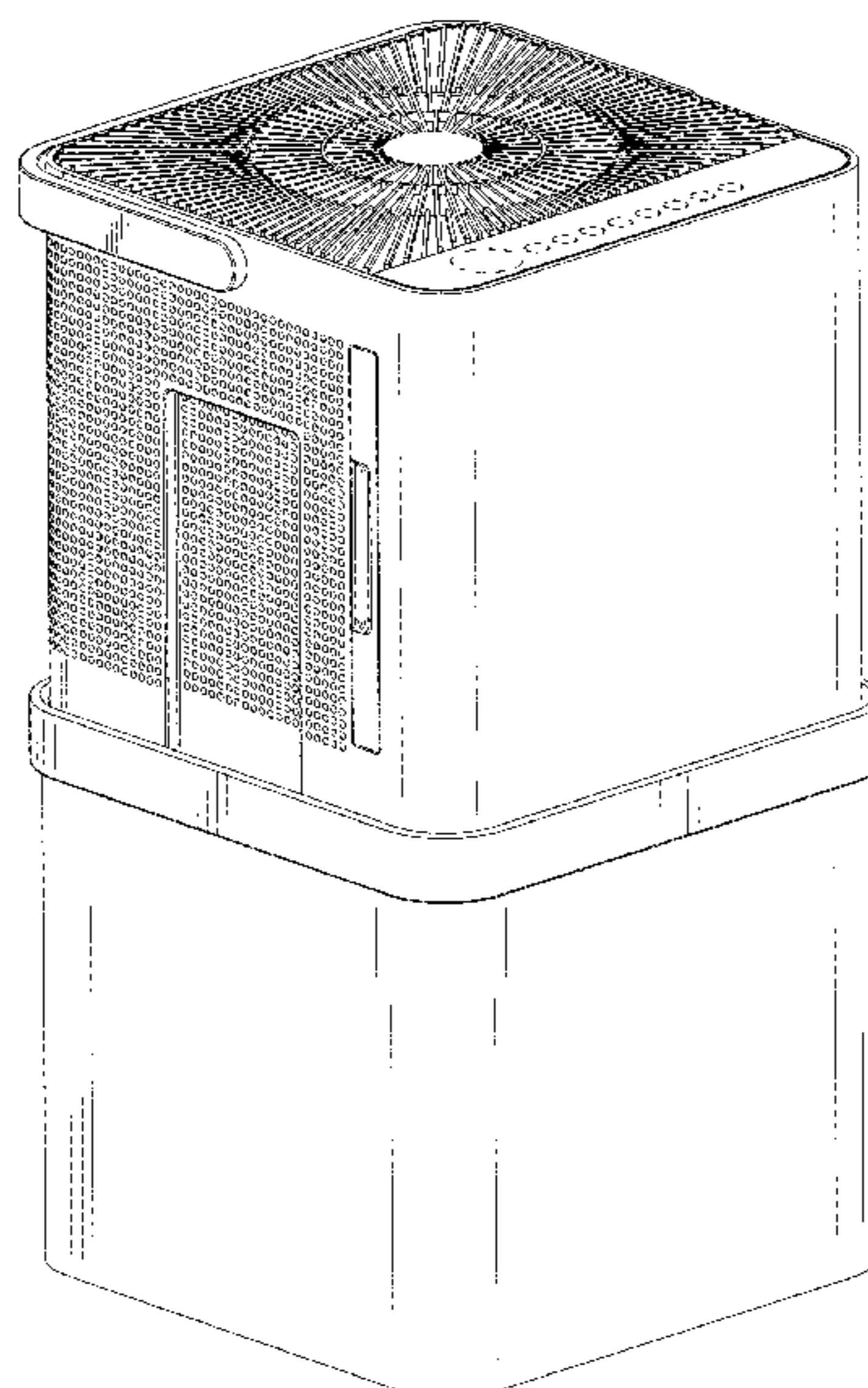
FIG. 7 is a left-front perspective view thereof;

FIG. 8 is a right-rear perspective view thereof; and,

FIG. 9 is a left-front perspective view of the dehumidifier shown in a retracted configuration.

The broken lines shown in the drawings are for the purpose of illustrating portions of the dehumidifier that form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2015/0231543 A1\* 8/2015 Wennerstrom ..... F24F 13/28  
96/57  
2018/0221805 A1\* 8/2018 Bae ..... B01D 46/009  
2021/0129070 A1\* 5/2021 Han ..... A61L 9/205  
2021/0332990 A1\* 10/2021 Yang ..... F24F 1/0358  
2021/0333010 A1\* 10/2021 Yang ..... F24F 1/0358

OTHER PUBLICATIONS

Blue Pure 121 Air Purifier, first available Apr. 7, 2018[online], [site visited Nov. 29, 2021]. Available from internet, URL:<<https://www.amazon.ca/Purifier-Washable-Pre-Filters-Particle-Allergens/dp/B073WJPK5H?th=1>> (Year: 2018).\*

\* cited by examiner

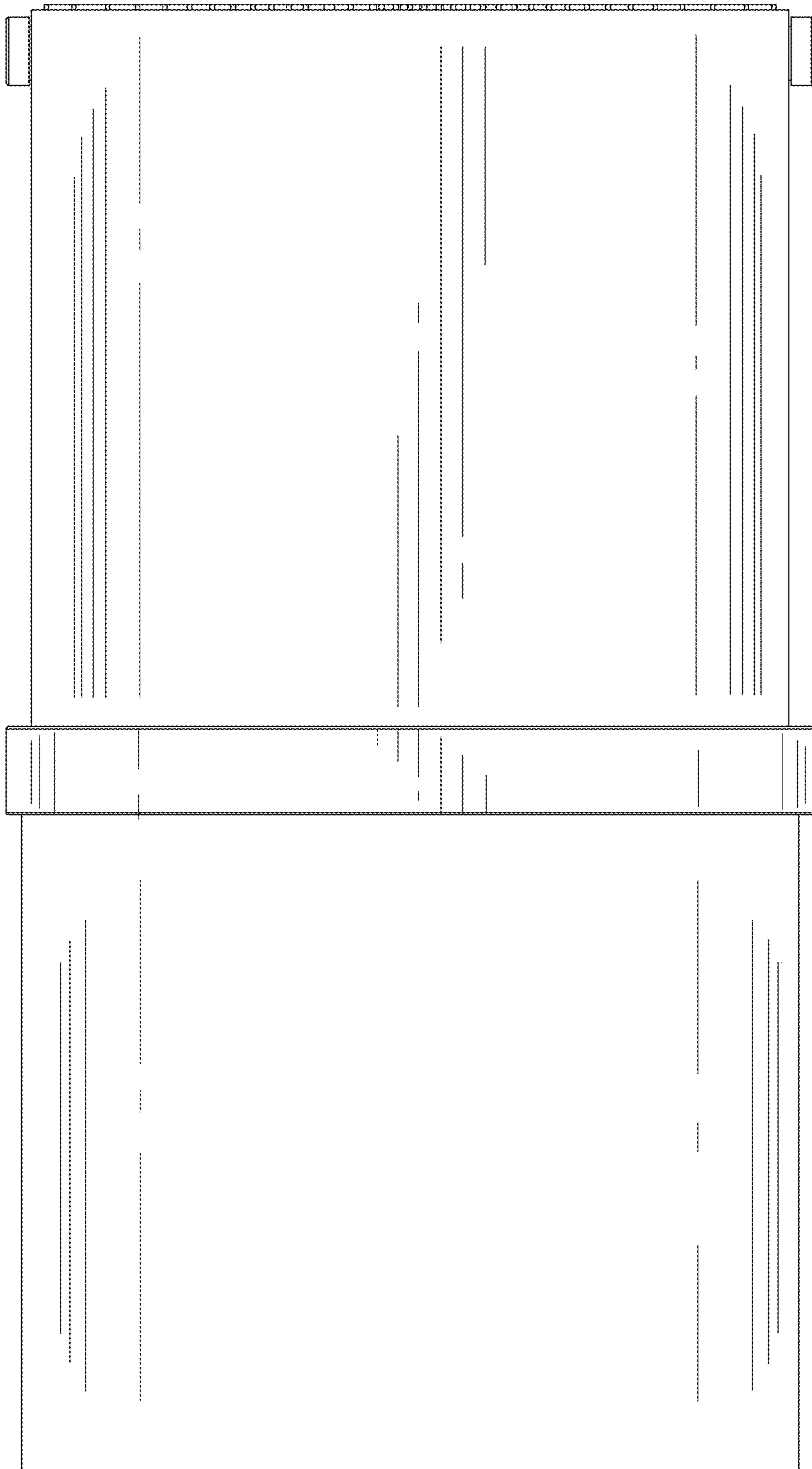


FIG. 1



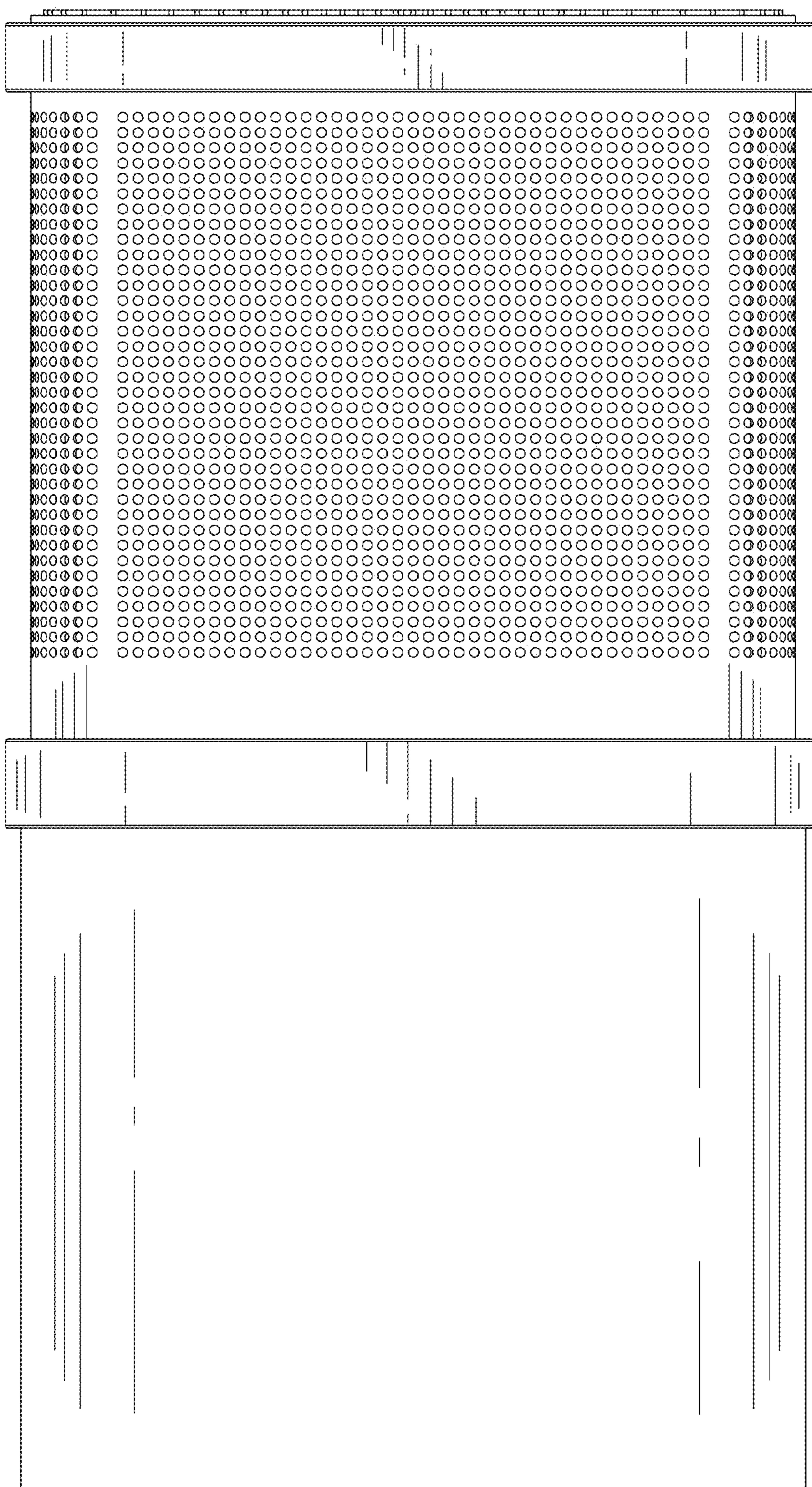


FIG. 2

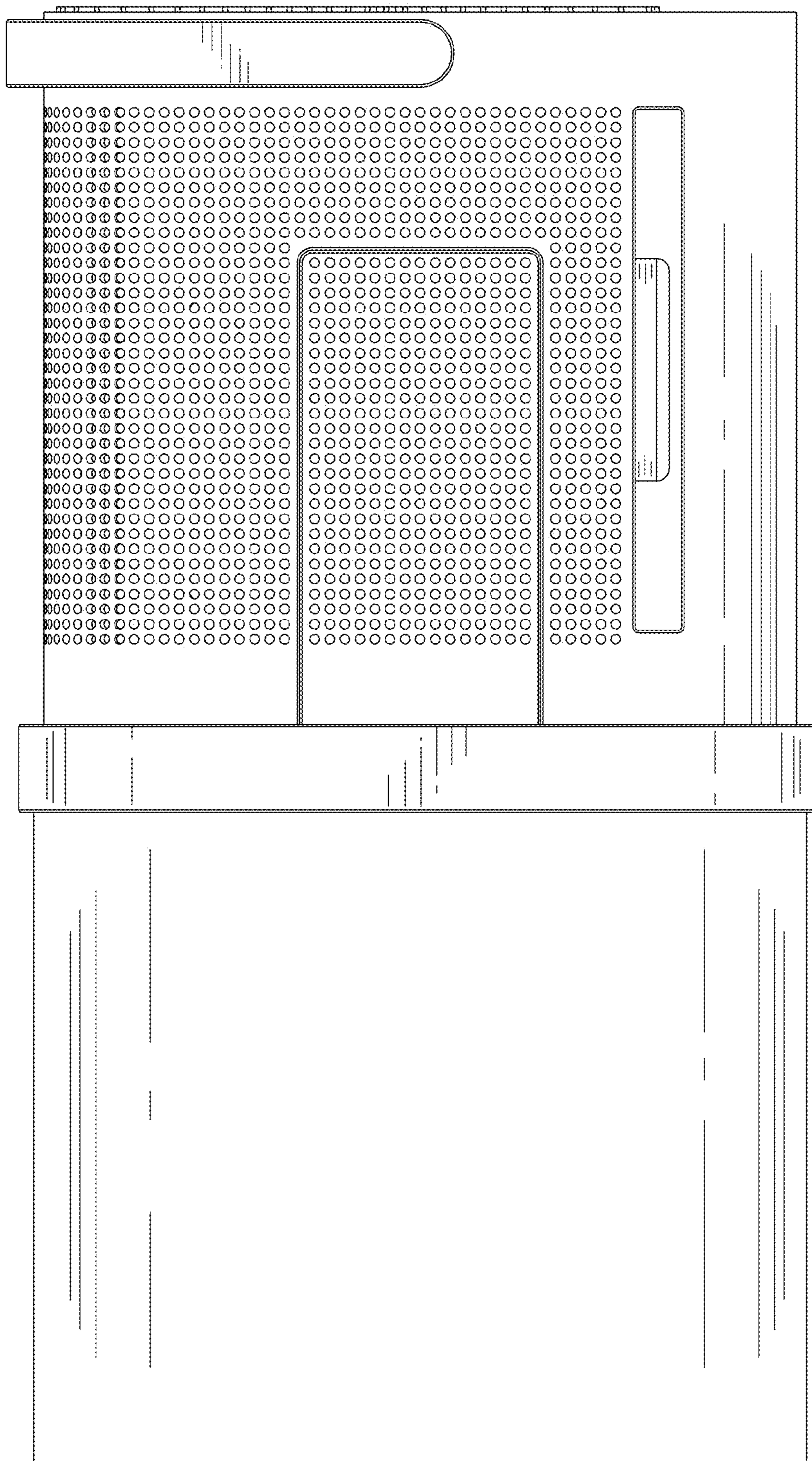


FIG. 3



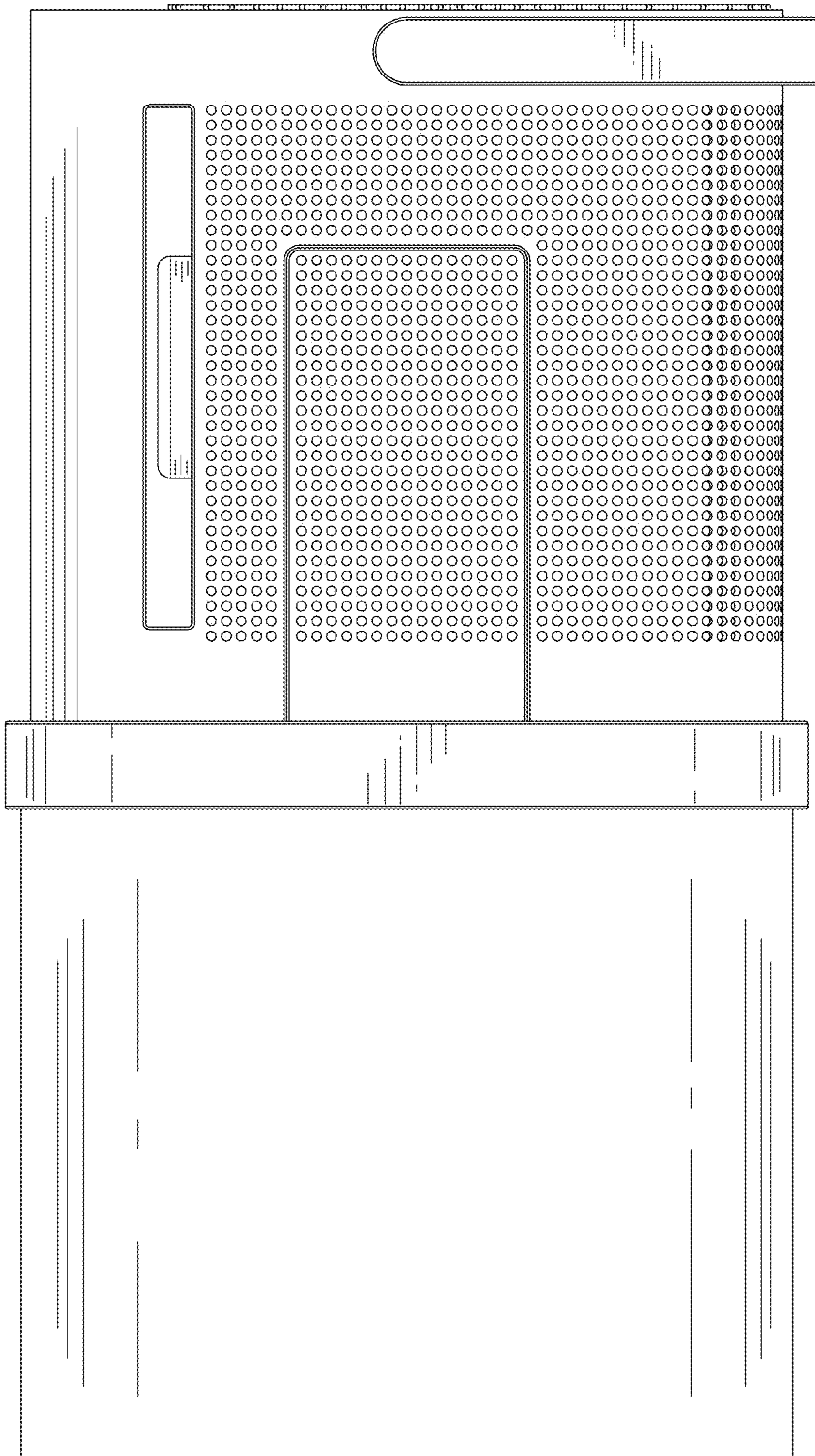


FIG. 4

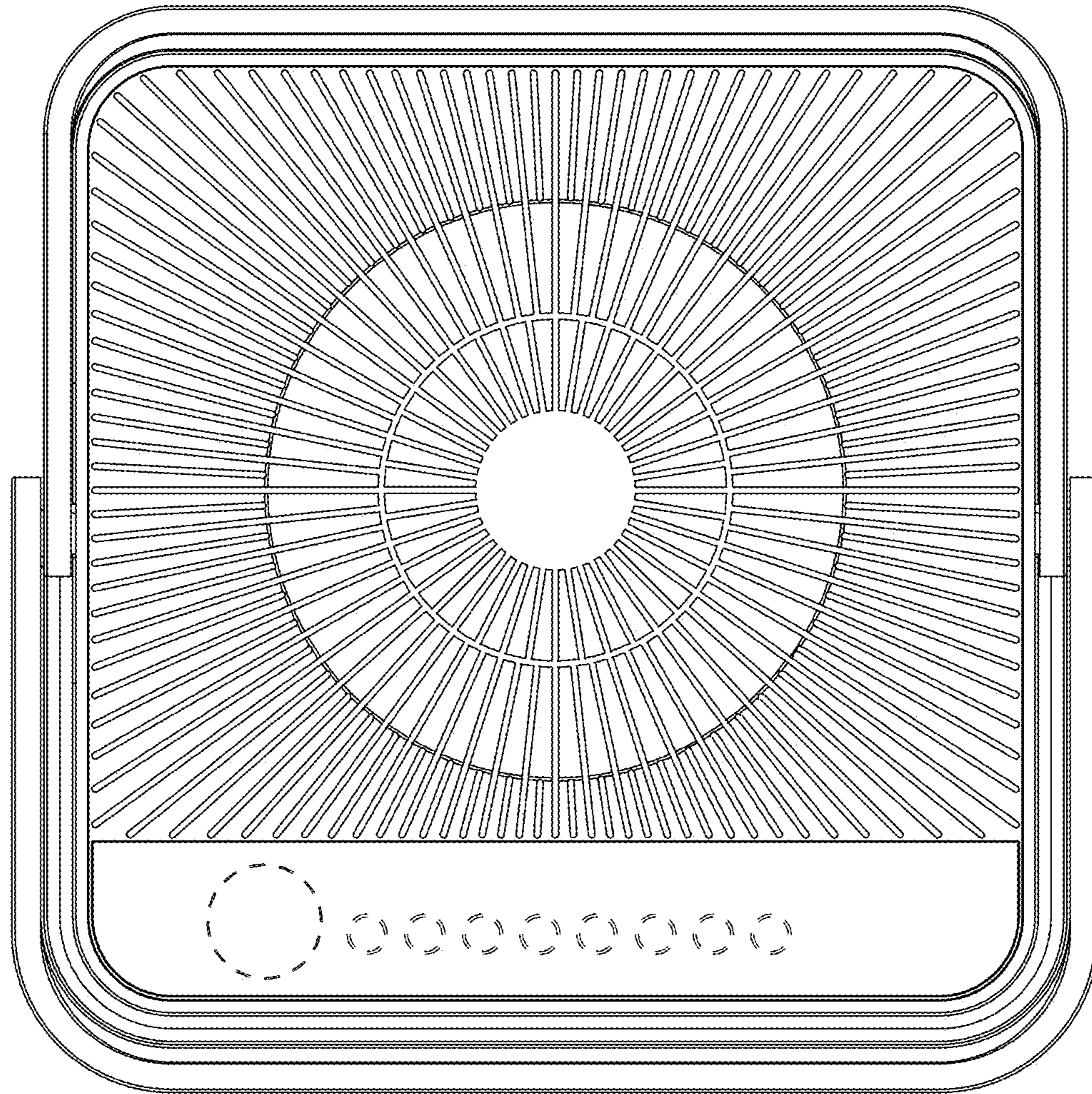


FIG. 5



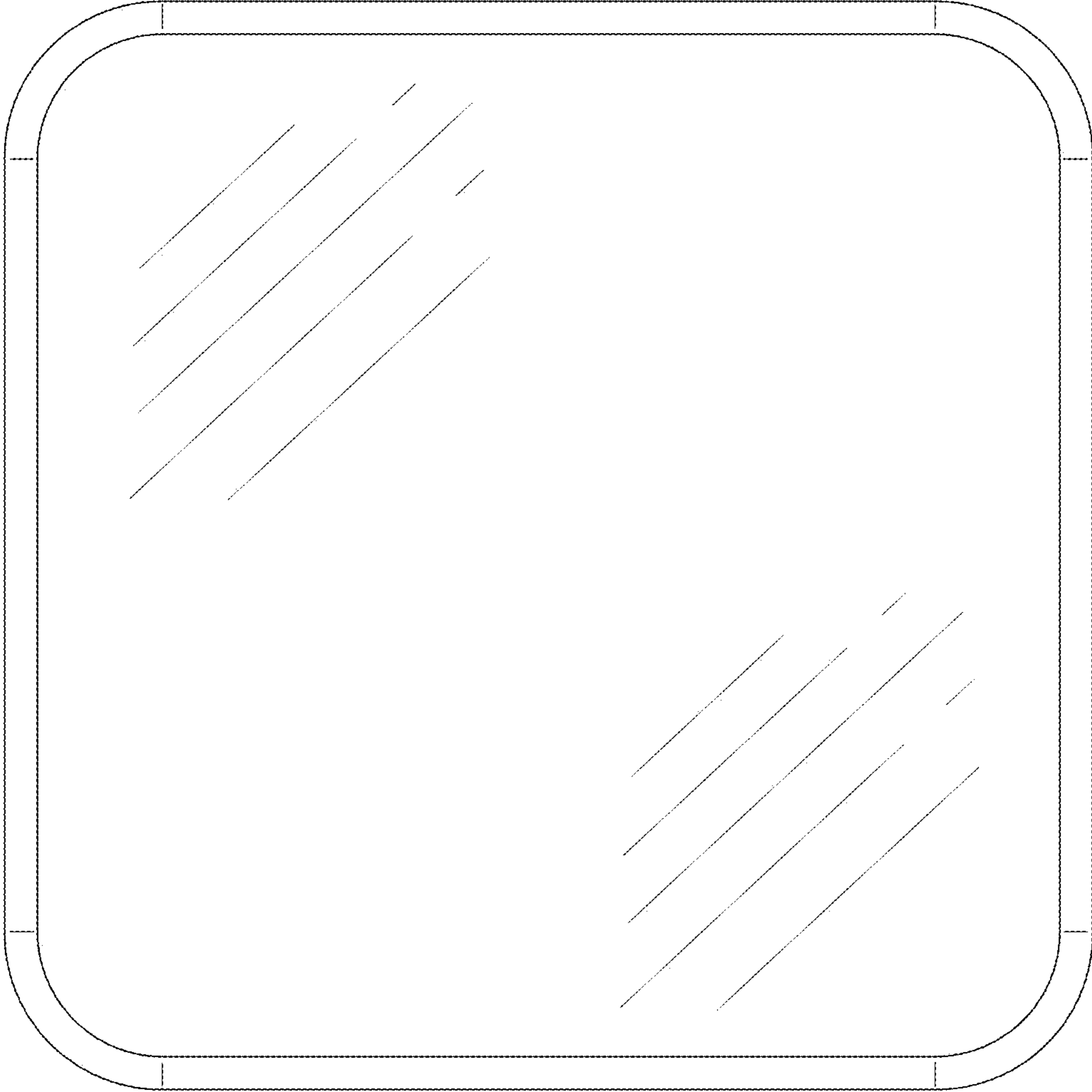


FIG. 6



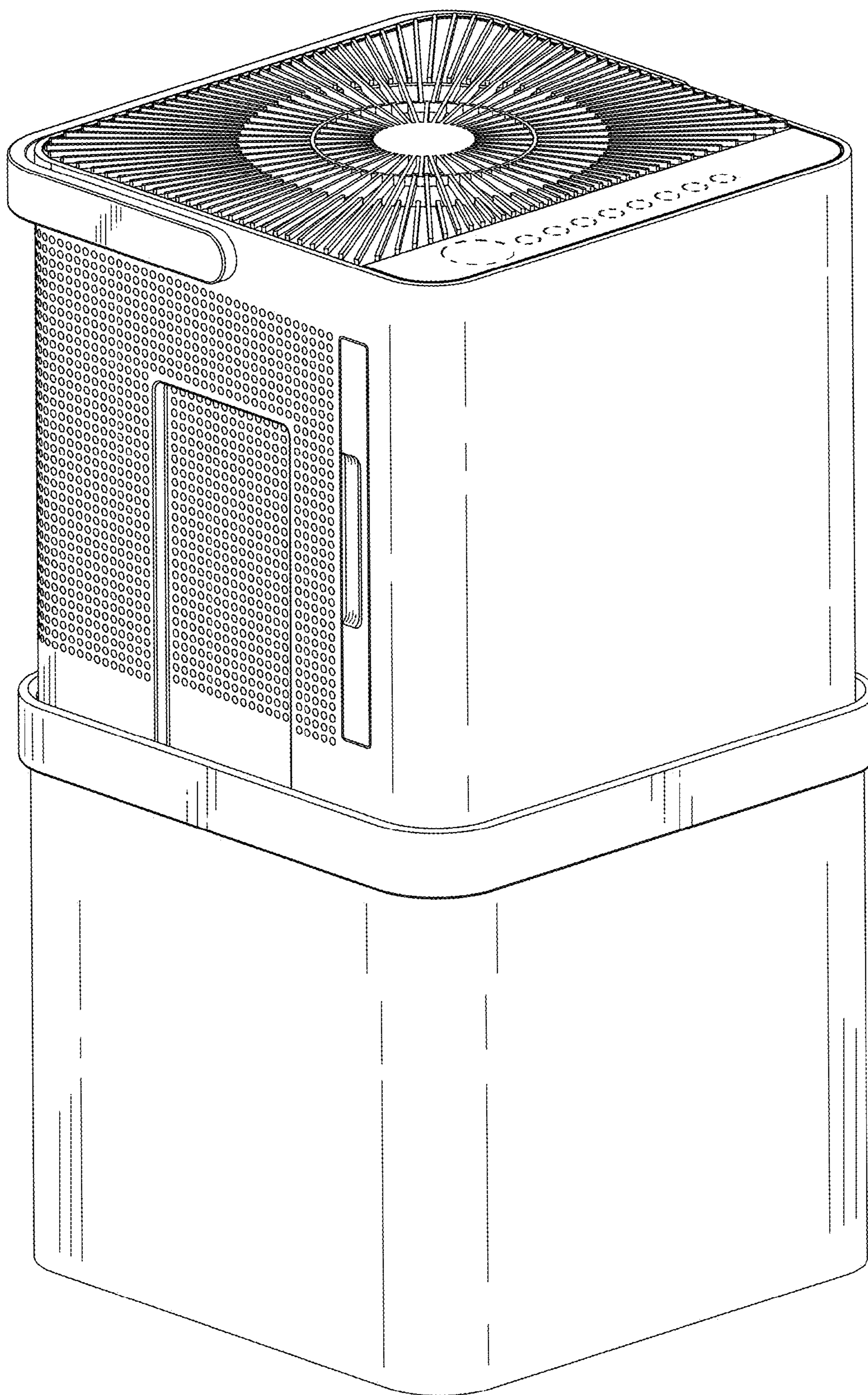


FIG. 7



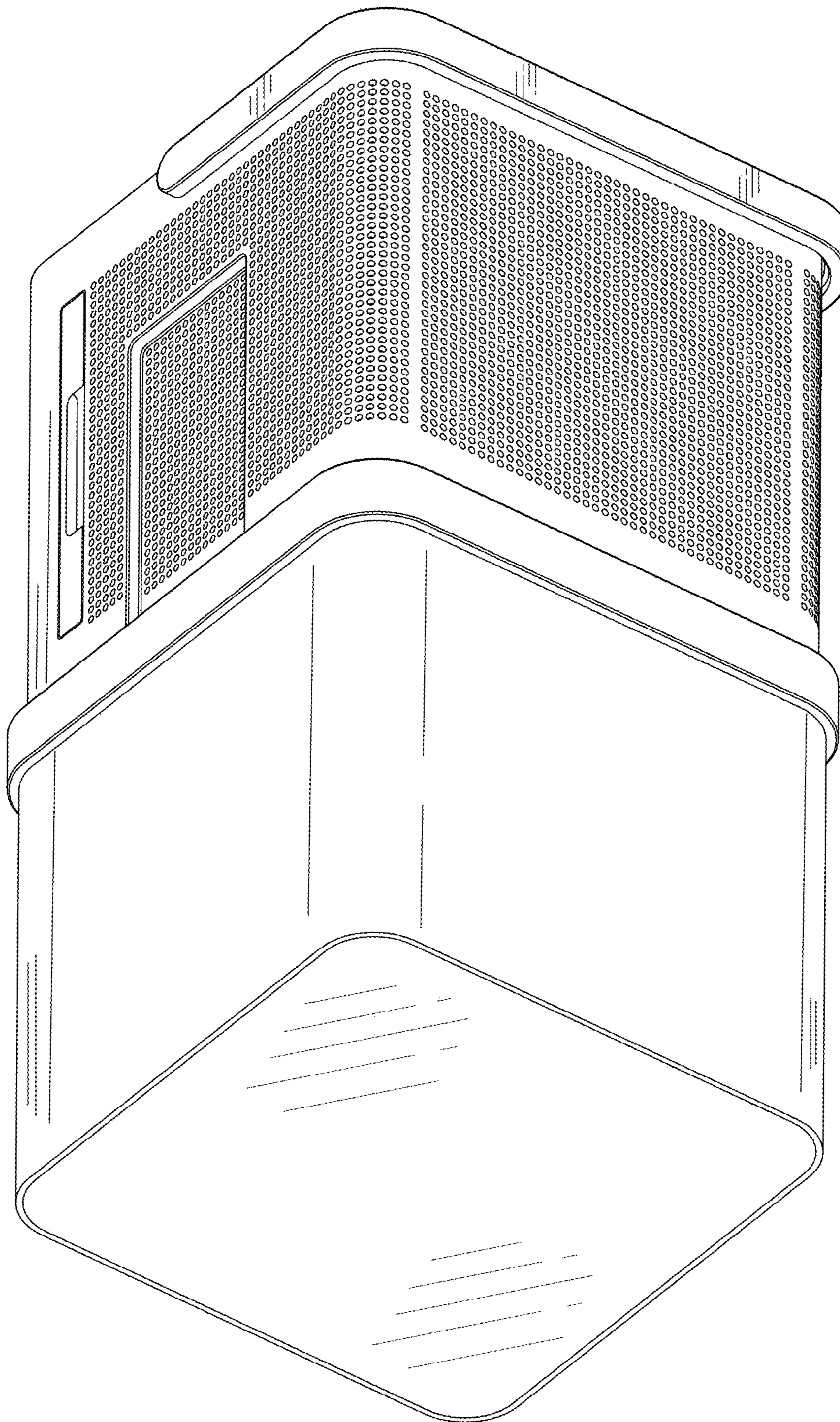


FIG. 8

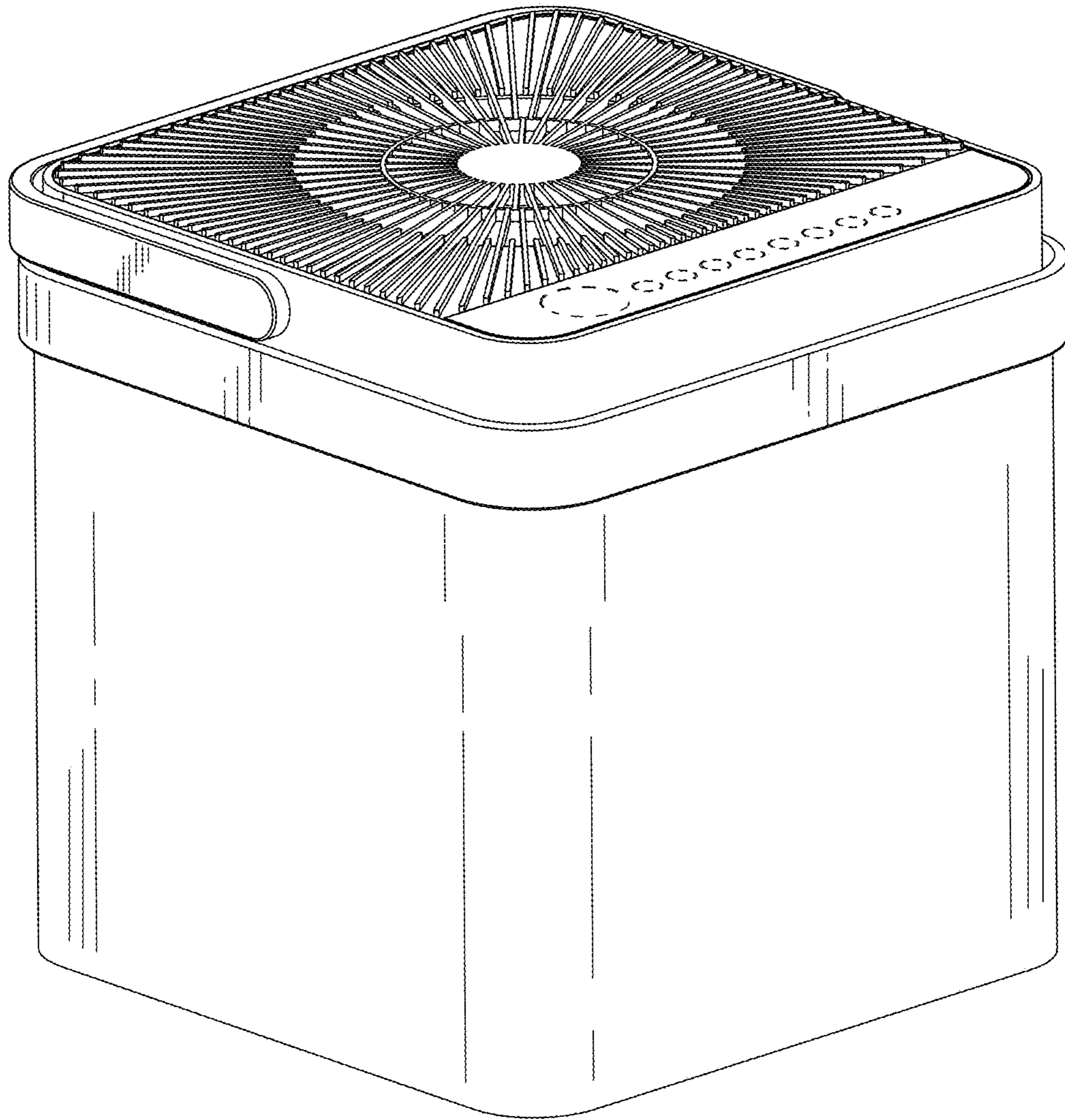


FIG. 9