

(12) **United States Design Patent**
Chen

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(54) **AIR COOLER**

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

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

(52) **U.S. Cl.**
USPC **D23/333**

(58) **Field of Classification Search**
USPC D23/332, 333, 334, 336, 351, 352, 364
CPC H05K 7/20145; F24F 5/0017; F25D 19/00;
F25D 2317/063
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D118,790 S	*	1/1940	Young	.....	D23/333
D176,141 S	*	11/1955	Katt	.....	D23/352
D274,353 S	*	6/1984	Hoyle	.....	D23/352
D365,388 S	*	12/1995	Williams	.....	D23/355
D539,882 S	*	4/2007	Li	.....	D23/352
D878,422 S		3/2020	Yamanaka et al.		
D884,860 S	*	5/2020	Zhang	.....	D23/351
D886,975 S	*	6/2020	Yang	.....	D23/364
D902,368 S	*	11/2020	Zhong	.....	D23/364
D905,836 S	*	12/2020	Lu	.....	D23/333
D916,262 S	*	4/2021	Wang	.....	D23/356
D933,179 S		10/2021	Fu		
D935,591 S	*	11/2021	Xu	.....	D23/364
D947,342 S	*	3/2022	Xu	.....	D23/364
D959,632 S	*	8/2022	Nikitas	.....	D23/364
D963,822 S	*	9/2022	Wang	.....	D23/364
D975,266 S	*	1/2023	Huang	.....	D23/366
D979,729 S	*	2/2023	Yu	.....	D23/364
D983,341 S	*	4/2023	Chen	.....	D23/364
D989,932 S	*	6/2023	Chen	.....	D23/364
D990,647 S	*	6/2023	Amin	.....	D23/364

D993,375 S	*	7/2023	Huo	.....	D23/364
D994,850 S		8/2023	Yan		
D998,773 S	*	9/2023	Sun	.....	D23/364
D1,001,257 S	*	10/2023	Riering-Czekalla	.....	D23/364
D1,007,657 S	*	12/2023	Barlettano	.....	D23/333
D1,017,783 S	*	3/2024	Gao	.....	D23/333
D1,027,151 S	*	5/2024	Deng	.....	D23/364
D1,031,960 S	*	6/2024	Burris	.....	D23/364
(Continued)					

OTHER PUBLICATIONS

“Portable Air Conditioners, Porbable AC 3in1 Mini Air Conditioner 900ML Water Tank, 3 Cool Mist, 3 Wind Speed, 7 LED Light, 2-8H Timer Personal Evaporative Air Cooler for Room/Office” [online]. Charmega. [Product first available on Jan. 3, 2024]. Retrieved from the Internet: <<https://www.amazon.com/dp/B0CRDLT87P>>.*

(Continued)

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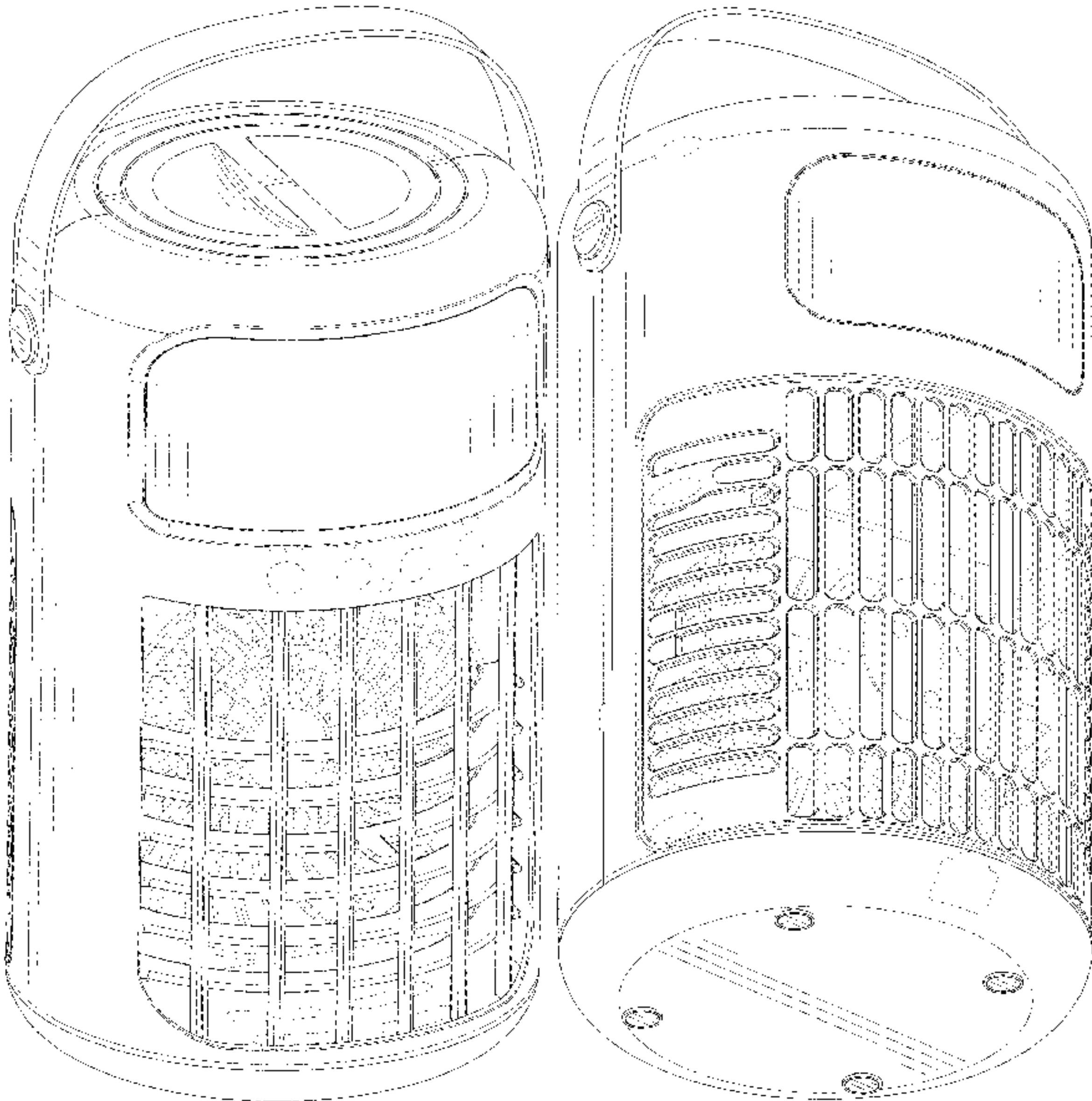
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a first perspective view of an air cooler showing my new design;
FIG. 2 is a second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The broken lines shown in the drawings depict portions of the air cooler that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D1,034,897 S * 7/2024 Yu D23/209
D1,034,943 S * 7/2024 Chen D23/366

OTHER PUBLICATIONS

“Portable Air Conditioners, Mini Air Conditioner , Air Conditioner
Portable with 7-color night light and force 3 winds, Air Conditioner
with Office, Bedroom, Room, Home & Camping” [online]. Baiwu.
[Product first available on Jun. 30, 2024]. Retrieved from the
Internet: <<https://www.amazon.com/dp/B0D46C9RC4/>>.*

* cited by examiner

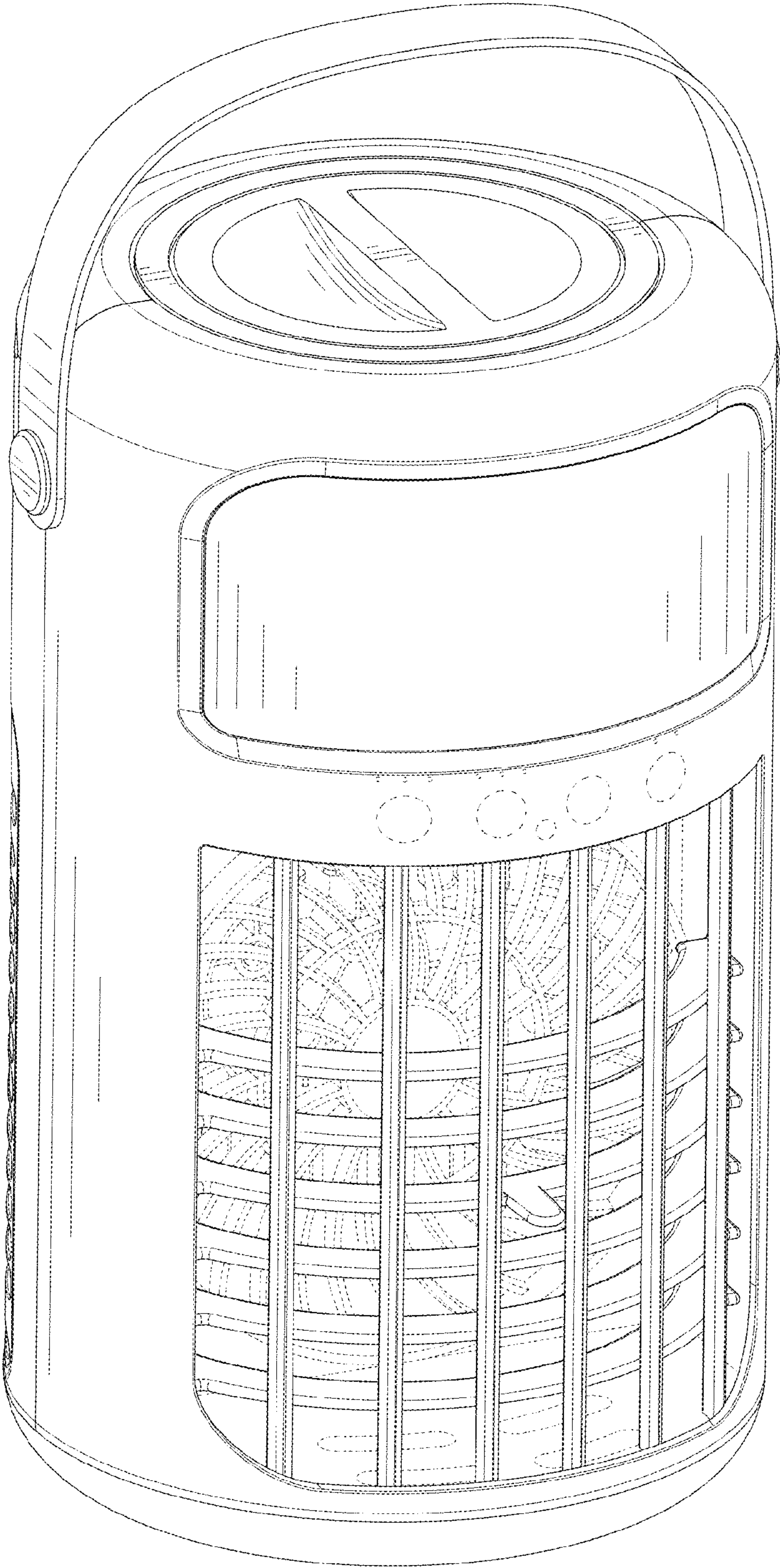


FIG. 1

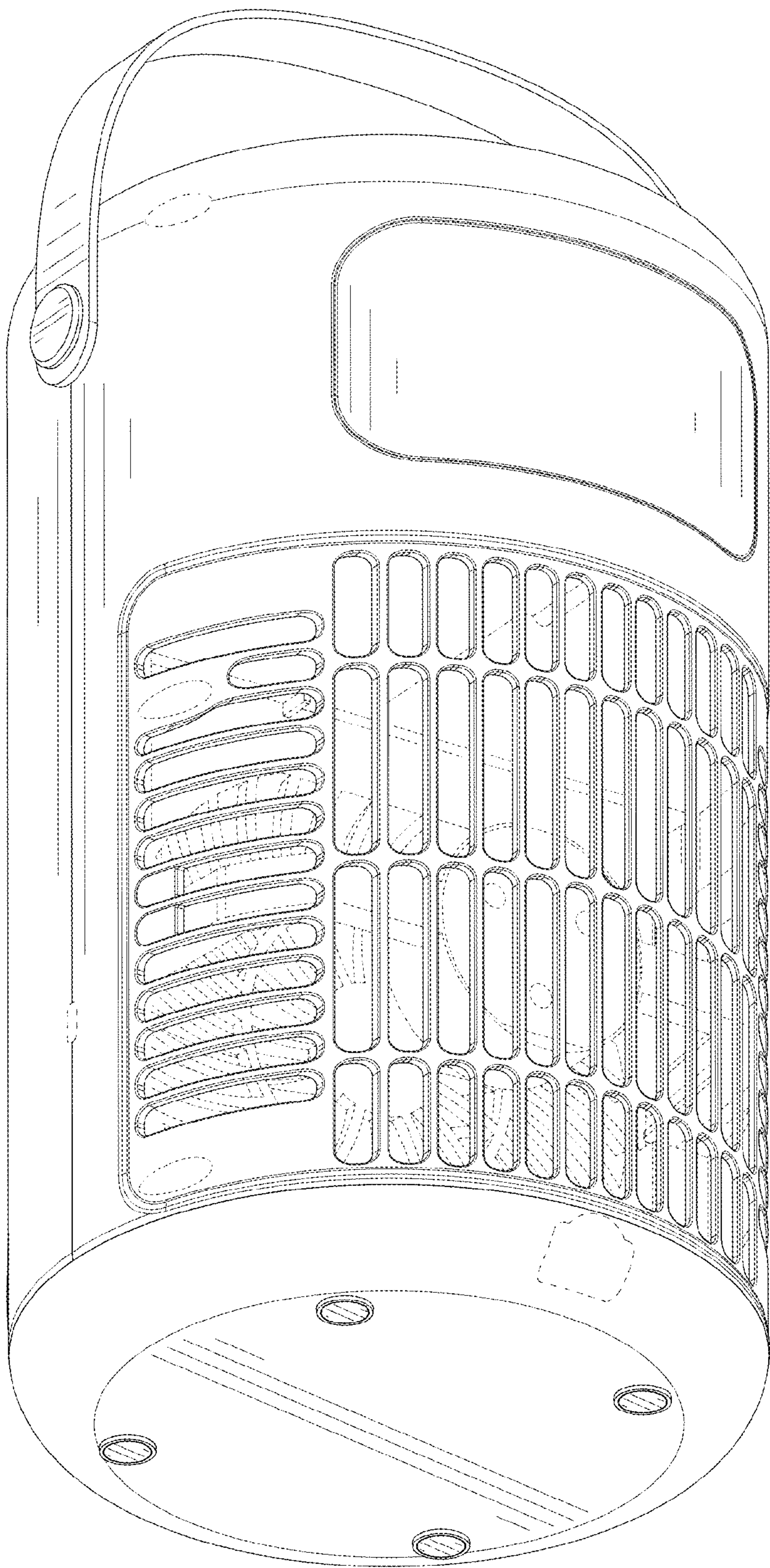


FIG. 2

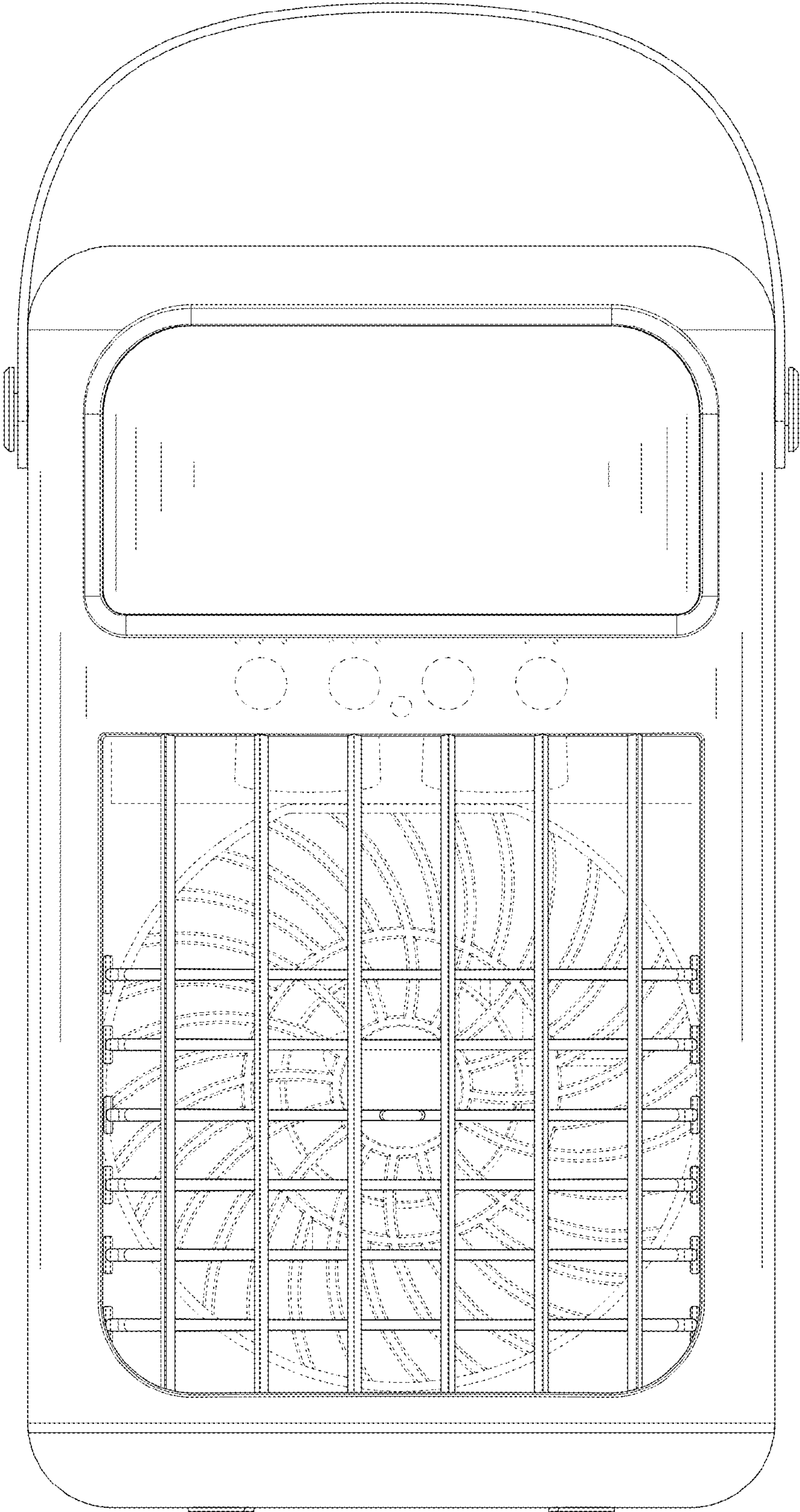


FIG. 3

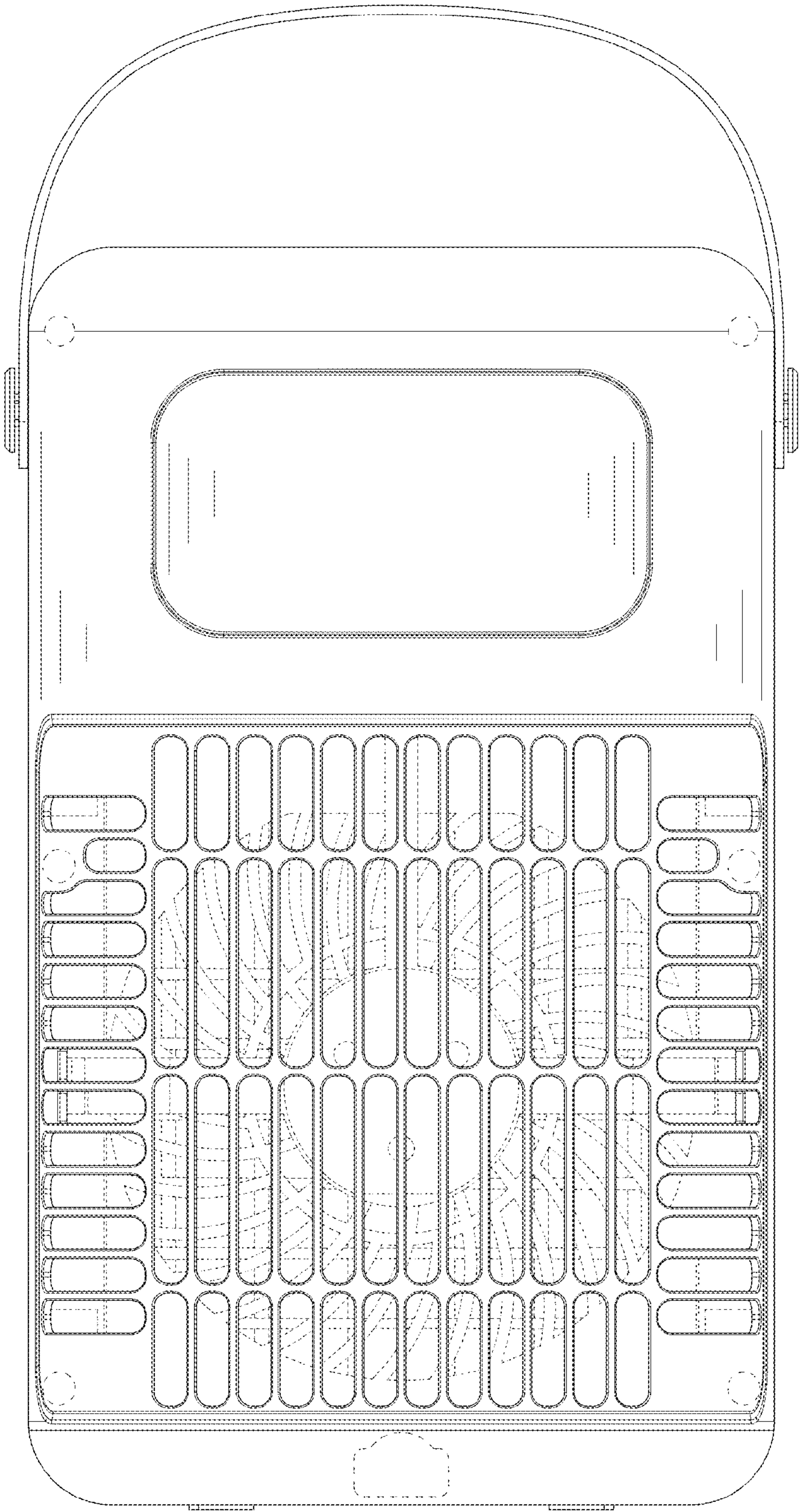


FIG. 4

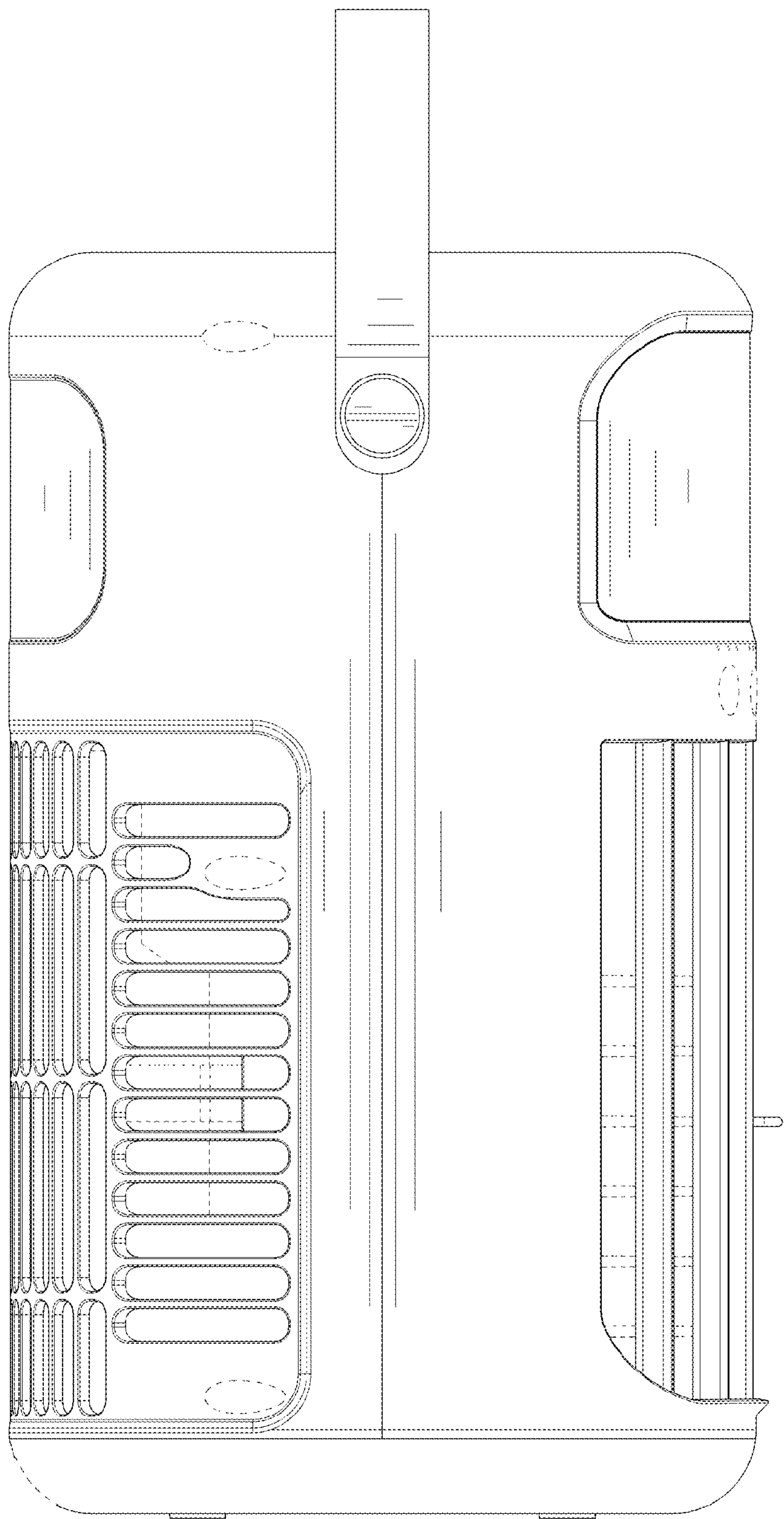


FIG. 5

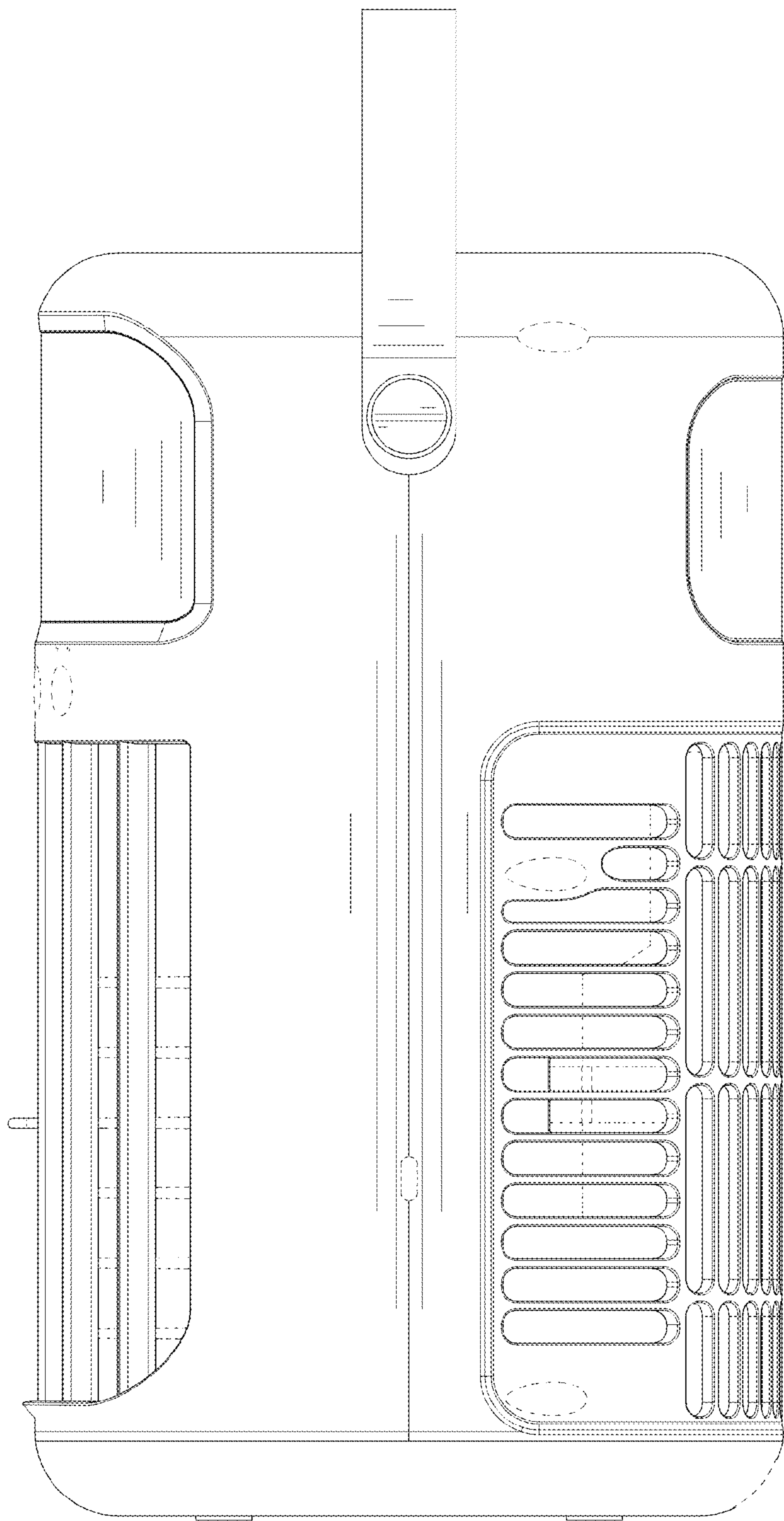


FIG. 6

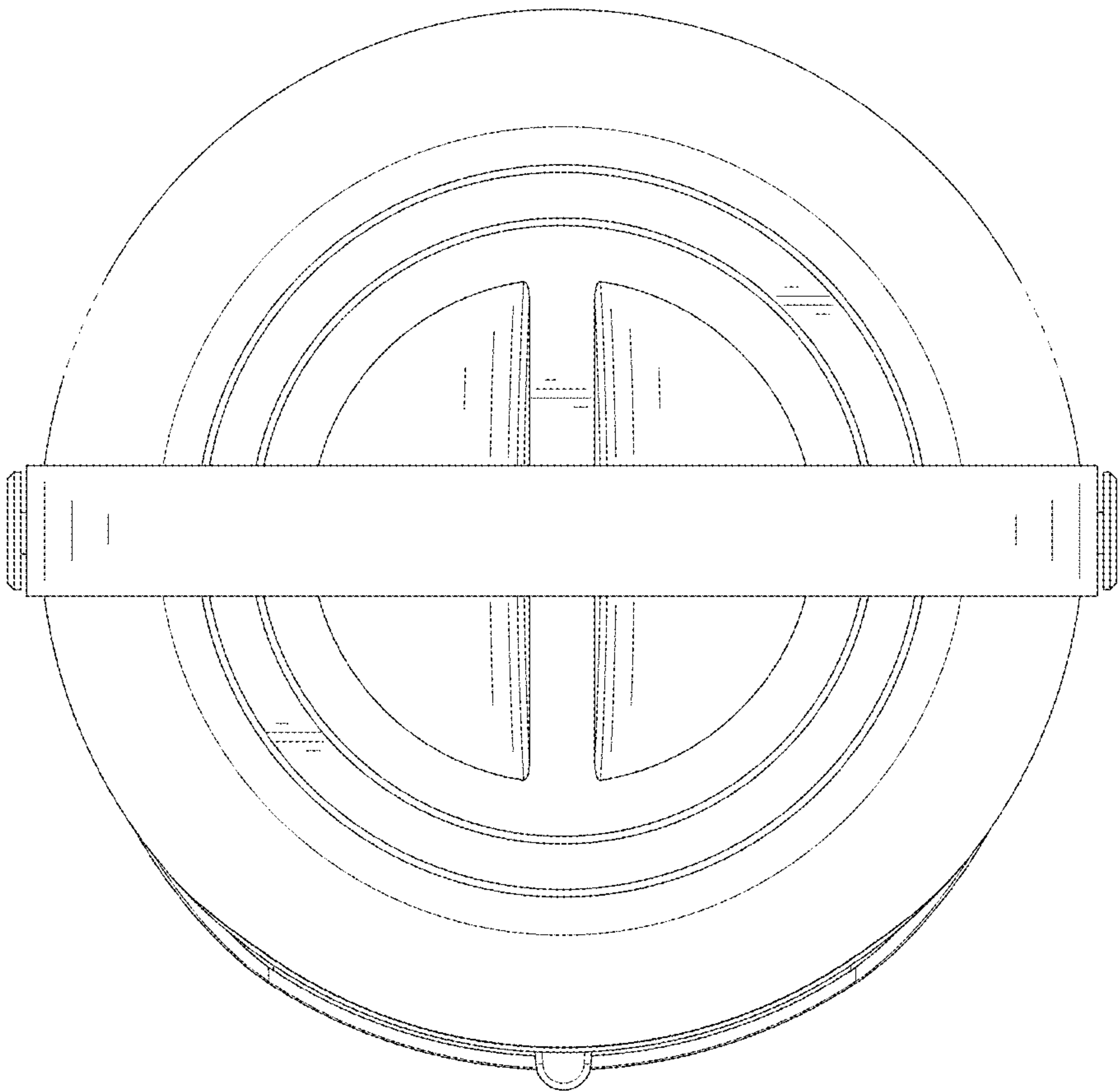


FIG. 7

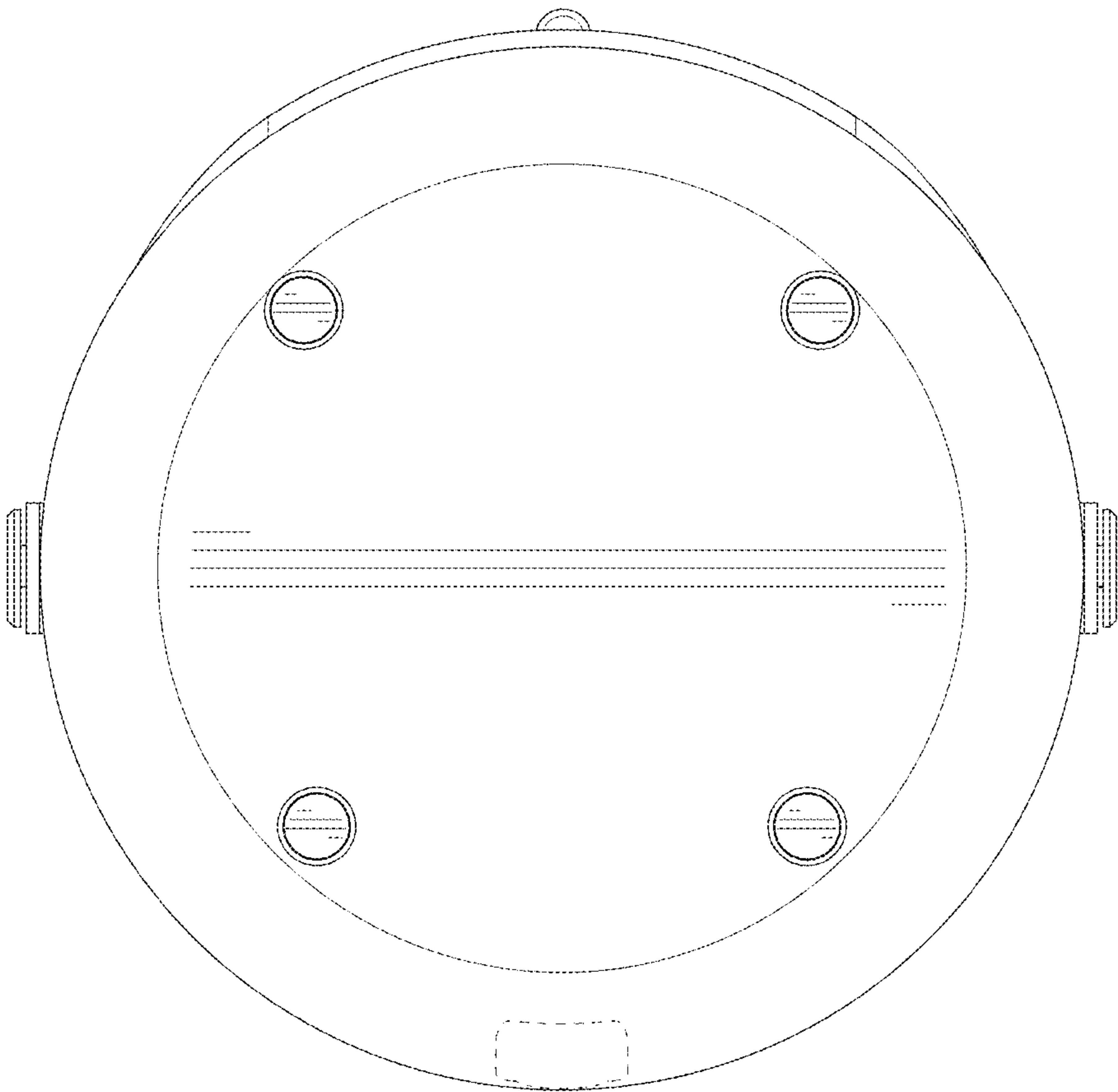


FIG. 8