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Deng

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(54) AIR PURIFIER

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(**) Term: 15 Years

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(58) Field of Classification Search

USPC D23/332–335, 351, 355, 356, 359, 360, D23/364, 366, 370, 381–383

CPC A61L 9/16; A61L 9/22; B03C 3/155; B03C 3/368; B01D 2221/02; B01D 2259/4508; B01D 47/00; B01D 47/027; F24F 3/16; F24F 13/20; F24F 13/28

See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

D565,159 S	*	3/2008	Shin	D23/356
D677,773 S	*	3/2013	Choi	D23/356
D741,465 S	*	10/2015	Satou	D23/364
D750,209 S	*	2/2016	Satou	D23/364
D755,942 S	*	5/2016	Kim	D23/364
D852,344 S	*	6/2019	Hua	A61L 9/16 D23/364
D912,796 S	*	3/2021	Huang	D23/364
D933,798 S	*	10/2021	Wang	D23/364
D942,602 S	*	2/2022	Yu	D23/356
D951,418 S	*	5/2022	Yan	D23/364

D952,814 S	*	5/2022	Tang	D23/356
D954,242 S	*	6/2022	Yan	D23/364
D956,198 S	*	6/2022	Zuo	D23/364
D987,050 S	*	5/2023	Yan	D23/364
D996,595 S	*	8/2023	Lu	D23/364
2016/0169542 A1	*	6/2016	Yoon	F24F 13/20 261/72.1
2020/0096216 A1	*	3/2020	Uhlik	F24F 8/10

OTHER PUBLICATIONS

Vewior Air Purifier, posted Oct. 1, 2022 [online], [retrieved Oct. 18, 2023]. Retrieved from internet, https://www.amazon.com/VEWIOR-Purifier-Fragrance-Monitor-Cleaner/dp/B0BGZVZMB6?ref_=ast_sto_dp (Year: 2022).*

* cited by examiner

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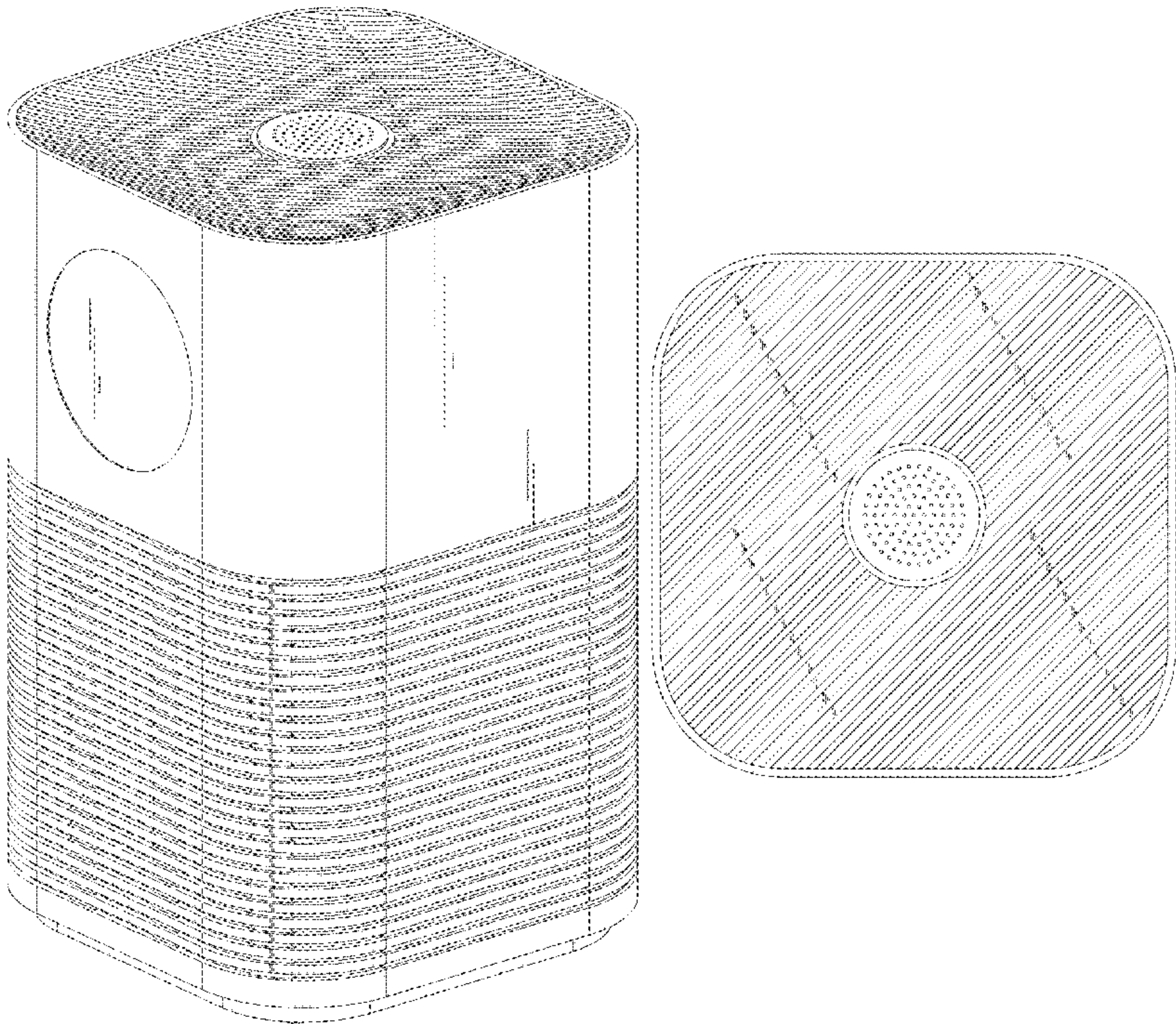
(57)CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view of an air purifier showing my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a front elevational view thereof;
FIG. 6 is a right side view thereof; and,
FIG. 7 is a bottom plan view thereof.
The broken lines illustrate portions of the air purifier that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



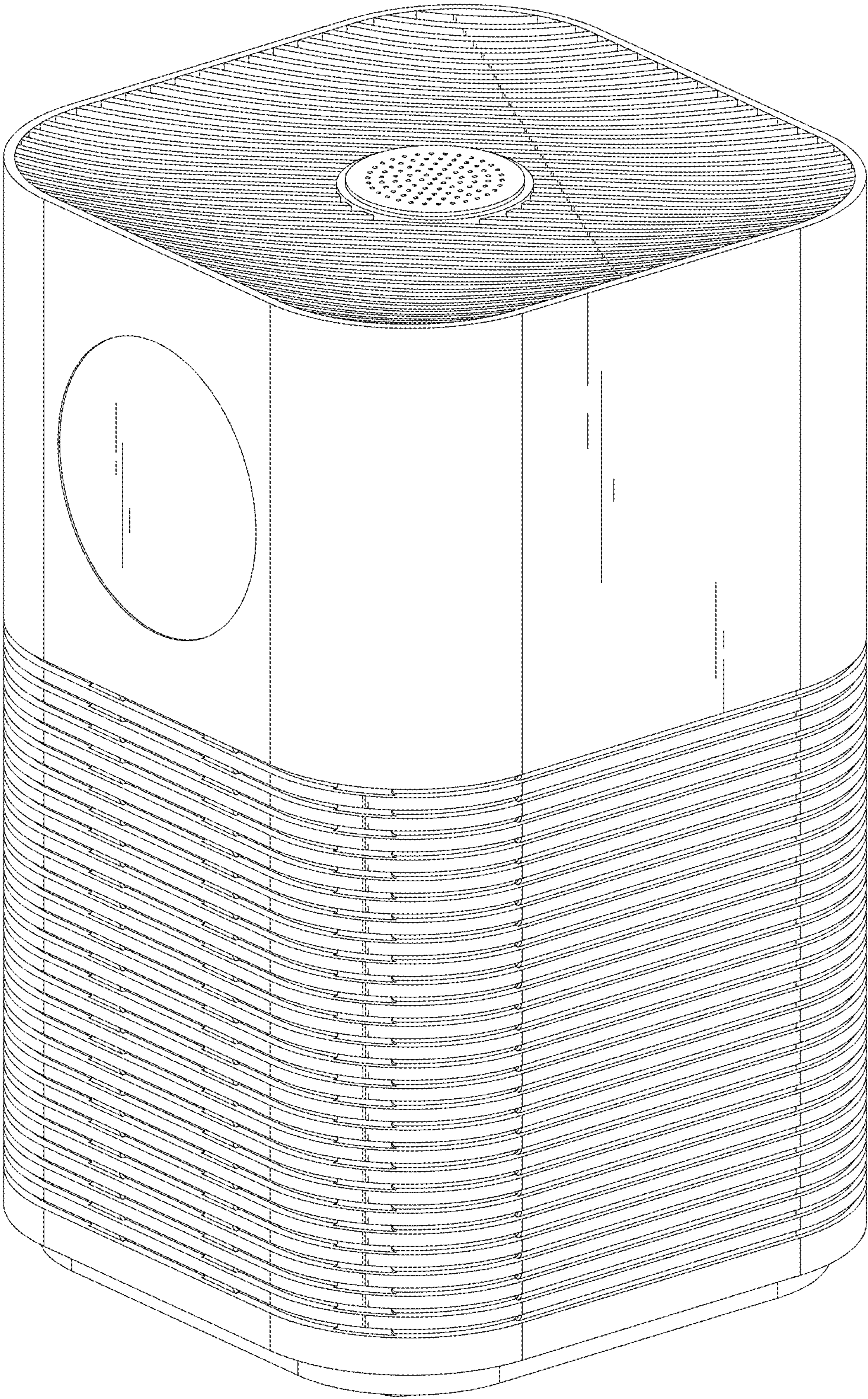


FIG.1

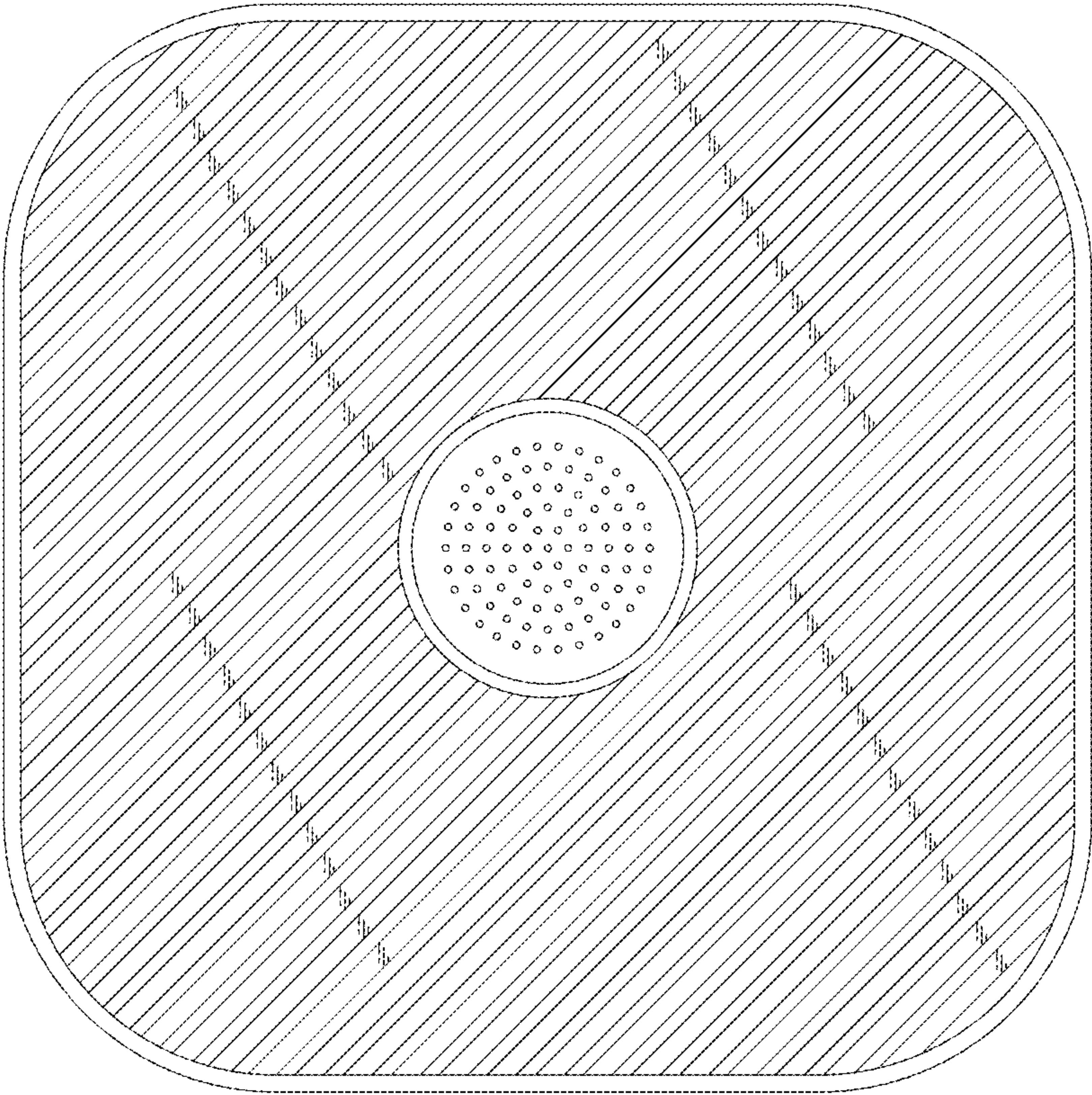


FIG.2

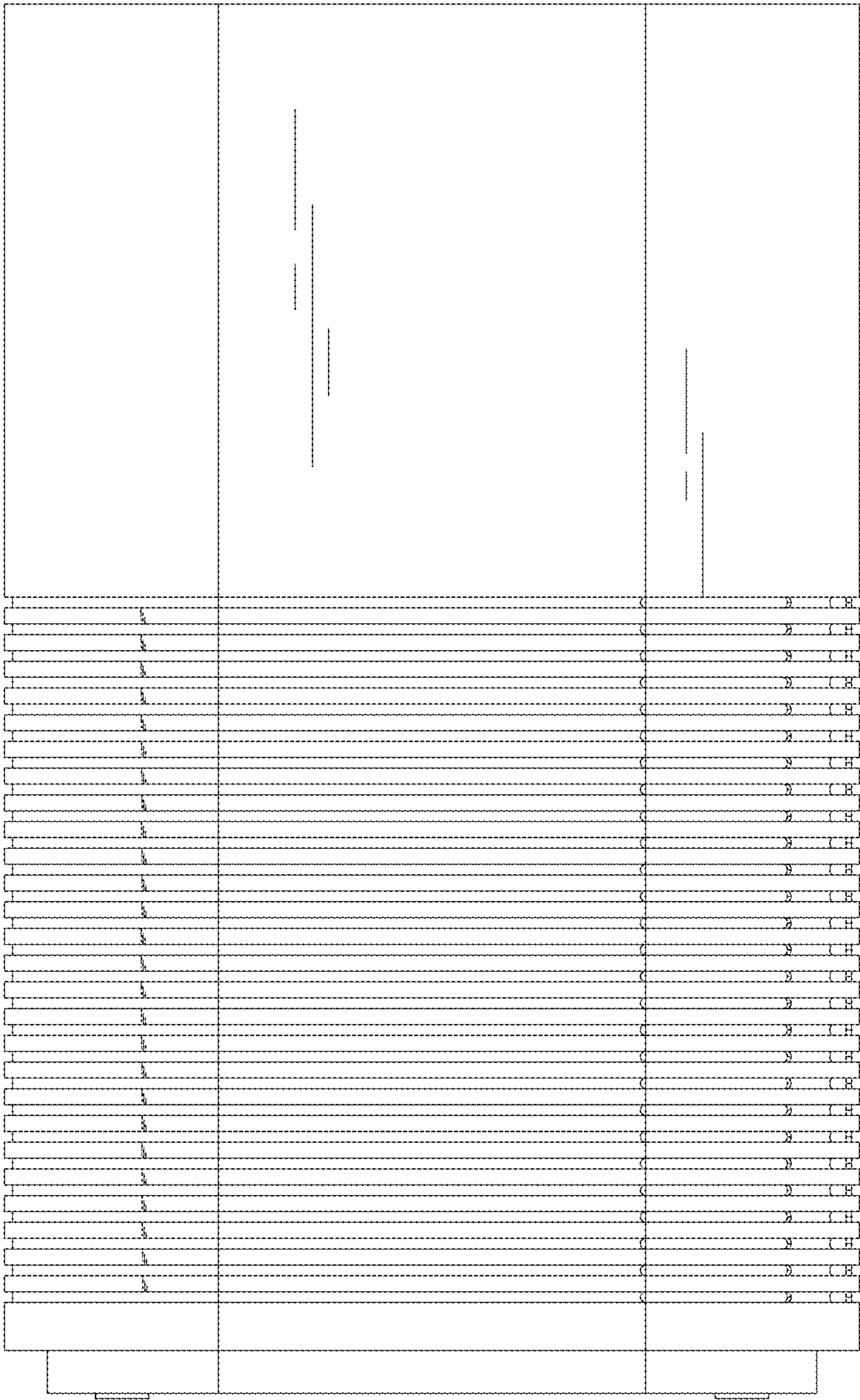


FIG. 3

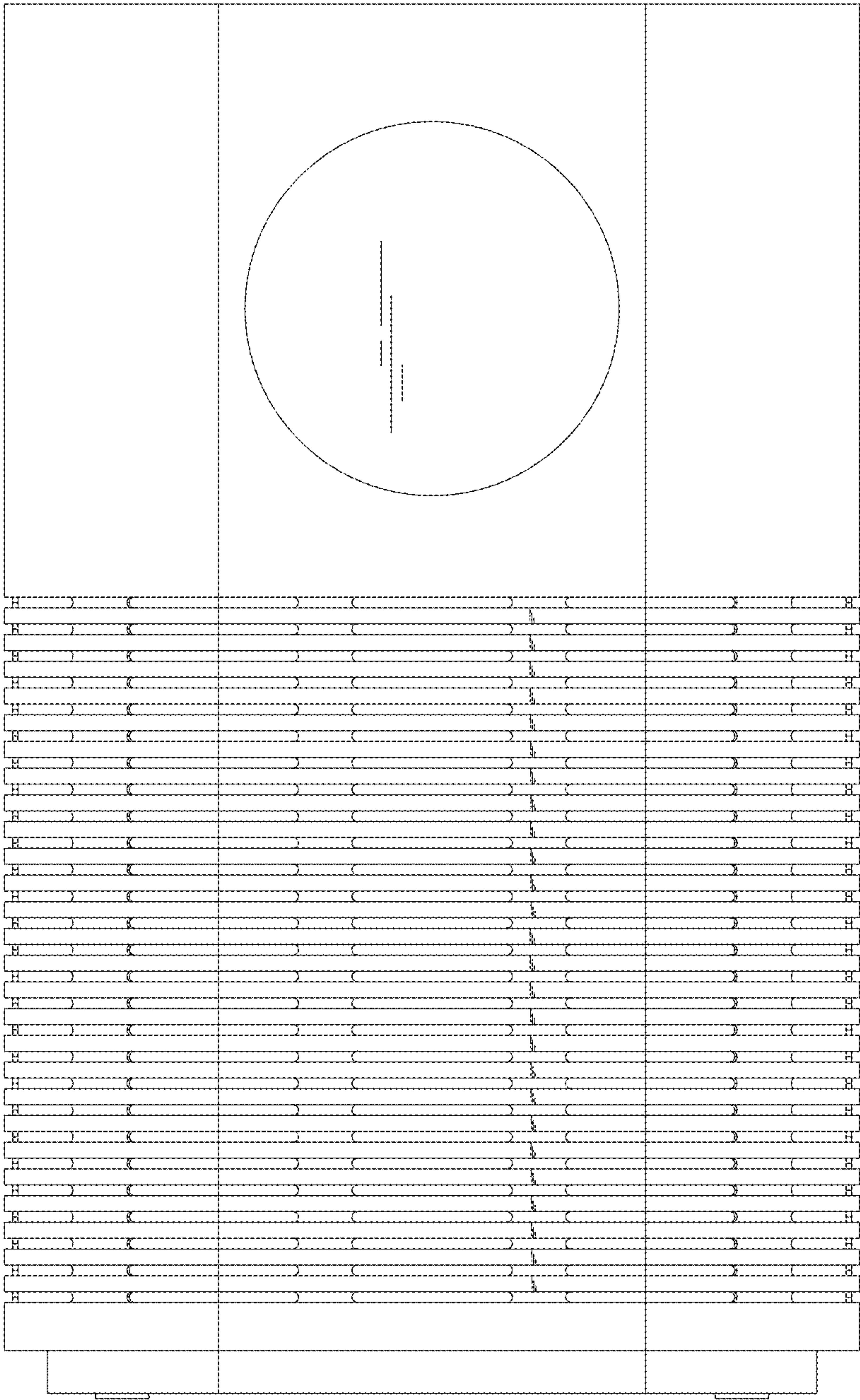


FIG. 4

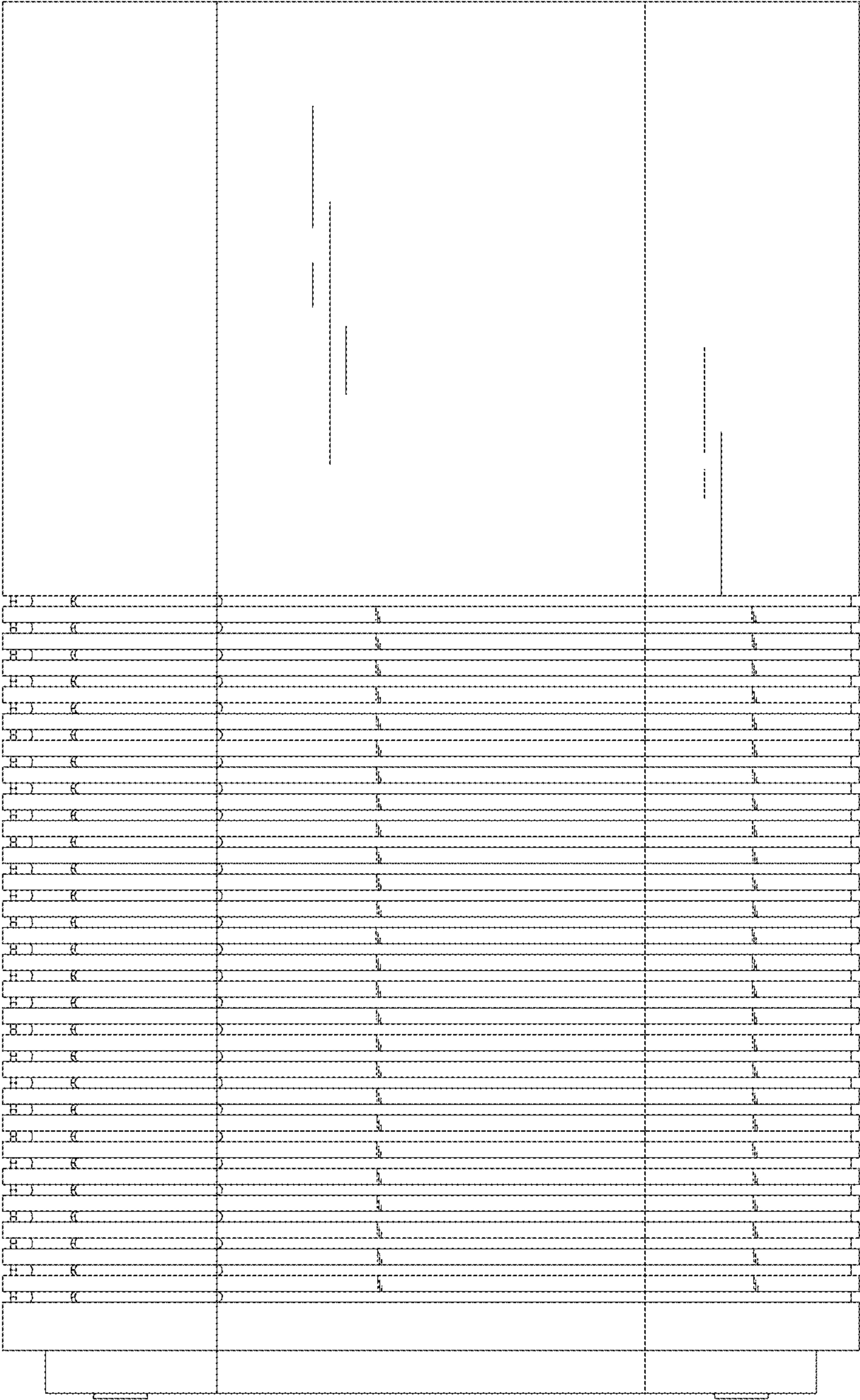


FIG. 5

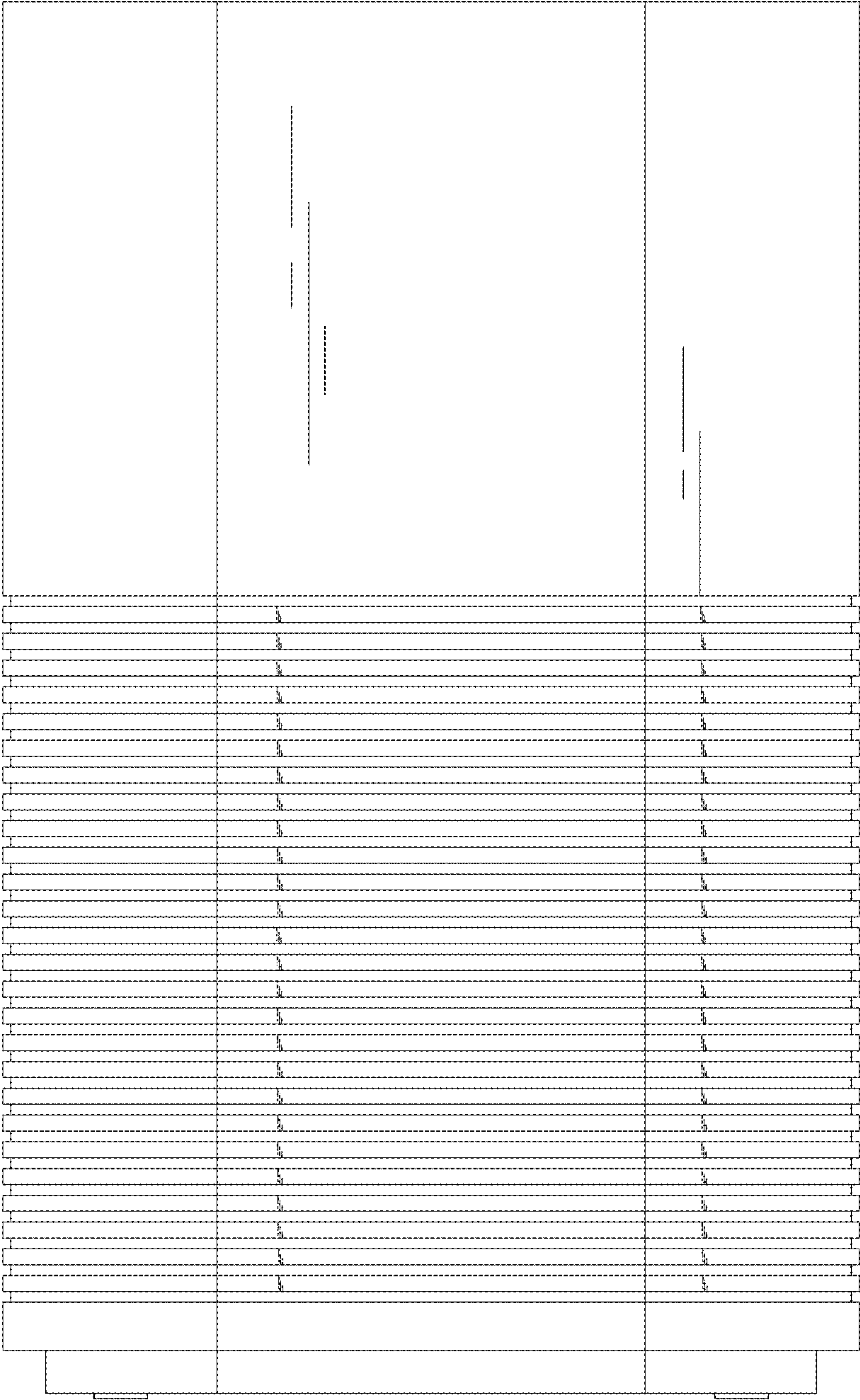


FIG. 6

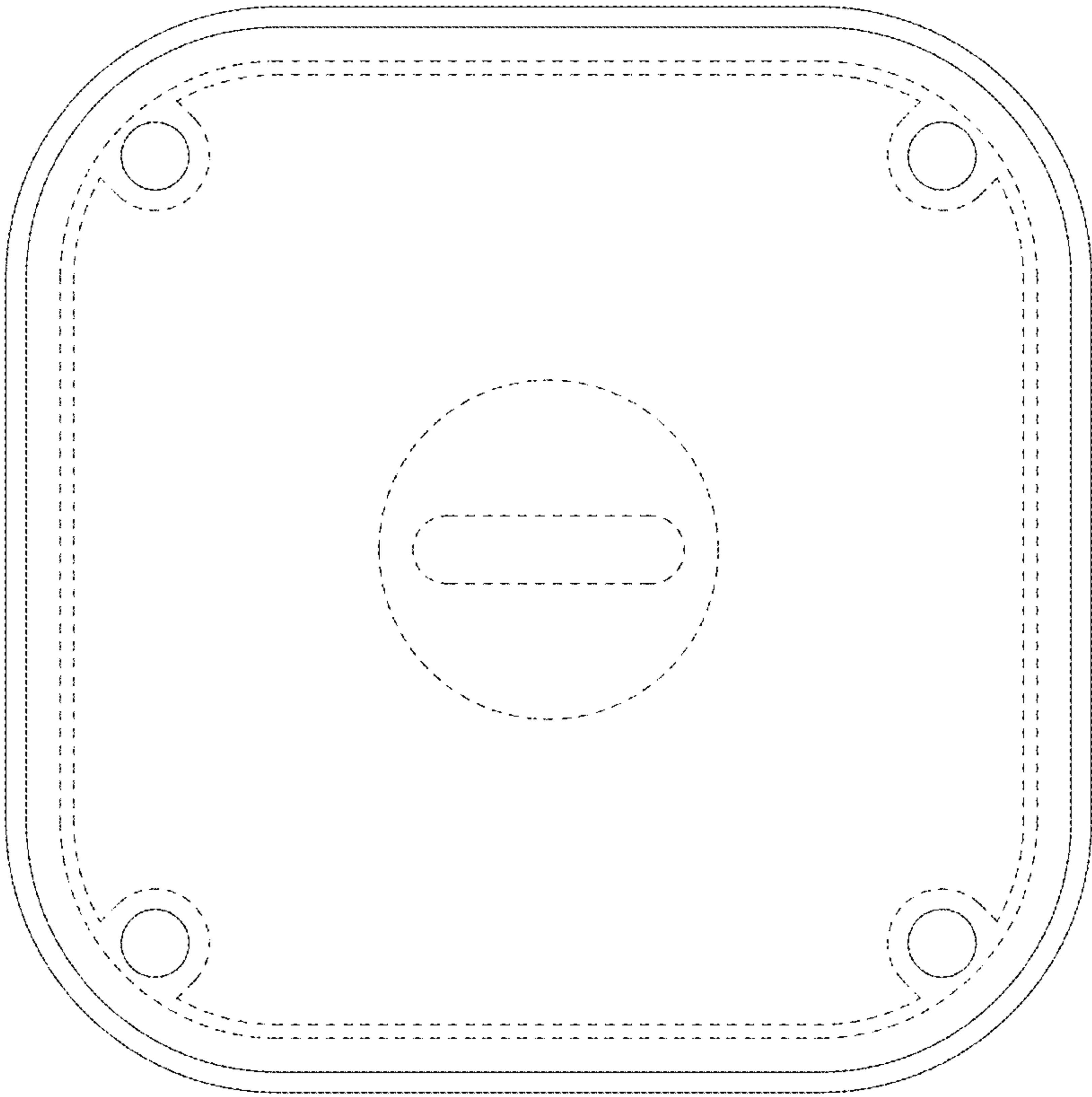


FIG. 7