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

(10) **Patent No.:** **US D1,053,333 S**

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(54) **AIR CLEANER**

(71) Applicant: **WINIX INC.**, Siheung-si (KR)

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(73) Assignee: **WINIX INC.**, Siheung-si (KR)

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

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(30) **Foreign Application Priority Data**

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

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

USPC **D23/364**

(58) **Field of Classification Search**

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D23/366, 368, 369

CPC . F24F 8/10; F24F 8/80; F24F 2110/50; B01D
45/12; B01D 45/14

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D963,140 S * 9/2022 Han D23/364
D965,758 S * 10/2022 Han D23/364
D967,368 S * 10/2022 Han D23/364
D967,374 S * 10/2022 Han D23/364

(Continued)

FOREIGN PATENT DOCUMENTS

KR 301043535.0000 * 2/2020
KR 301223249.0000 * 7/2023

OTHER PUBLICATIONS

[T810], available in winixamerica.com, announced 2023 [online], [site visited Jun. 6, 2024], Internet URL: <https://www.winixamerica.com/product/t810/> (Year: 2023).*

(Continued)

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ROTHGERBER CHRISTIE LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front, top, and right side perspective view of an air cleaner;

FIG. 2 is a rear, bottom, and left side perspective view of an air cleaner;

FIG. 3 is a front elevational view of the air cleaner of FIG. 1;

FIG. 4 is a rear elevational view of the air cleaner of FIG. 1;

FIG. 5 is a left side elevational view of the air cleaner of FIG. 1;

FIG. 6 is a right side elevational view of the air cleaner of FIG. 1;

FIG. 7 is a top plan view of the of the air cleaner of FIG. 1;

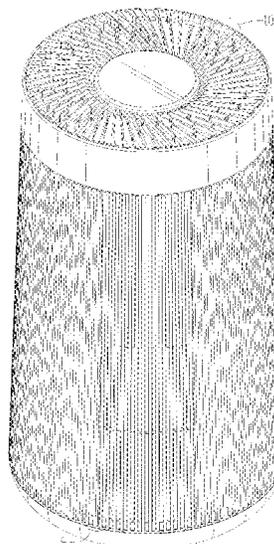
FIG. 8 is a bottom plan view of the air cleaner of FIG. 1;

FIG. 9 is an enlarged view of the encircled portion shown in FIG. 1; and,

FIG. 10 is an enlarged view of the encircled portion shown in FIG. 1.

The broken lines in the drawings are for the purpose of illustrating portions of the air cleaner that form no part of the claimed design. Moreover, the dash-dot-dot-dash broken lines in the drawings show the boundary of the enlargement views and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D1,013,138 S * 1/2024 Peralta D23/364
D1,024,304 S * 4/2024 Singh D23/364

OTHER PUBLICATIONS

[WINIX], available in amazon.com, announced 2023 [online], [site visited Jun. 6, 2024], Internet URL: <https://www.amazon.com/Winix-T810-Purifier-PlasmaWave-Technology/dp/B0CDNH5NX4/> (Year: 2023).*

[Zero], available in ausclimate.co.nz, announced 2024 [online], [site visited Jun. 6, 2024], Internet URL: <https://ausclimate.co.nz/products/winix-zero-360-5-stage-air-purifier> (Year: 2024).*

[TAILULU], available in amazon.com, announced 2023 [online], [site visited Jun. 6, 2024], Internet URL: <https://www.amazon.com/Purifiers-Tailulu-Cleaner-Allergies-Bedroom/dp/B0BV1HX3GM/> (Year: 2023).*

* cited by examiner

FIG. 1

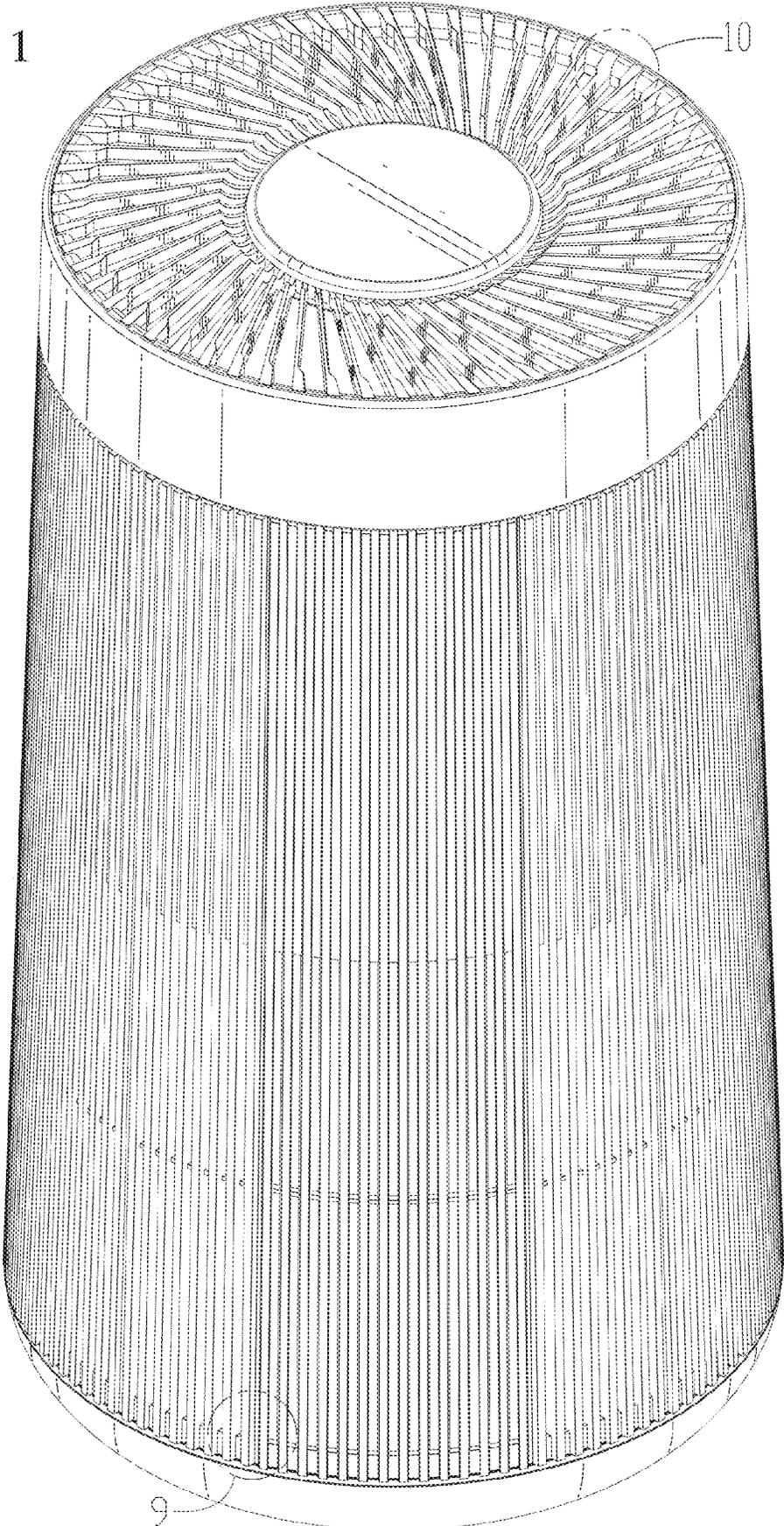


FIG. 2

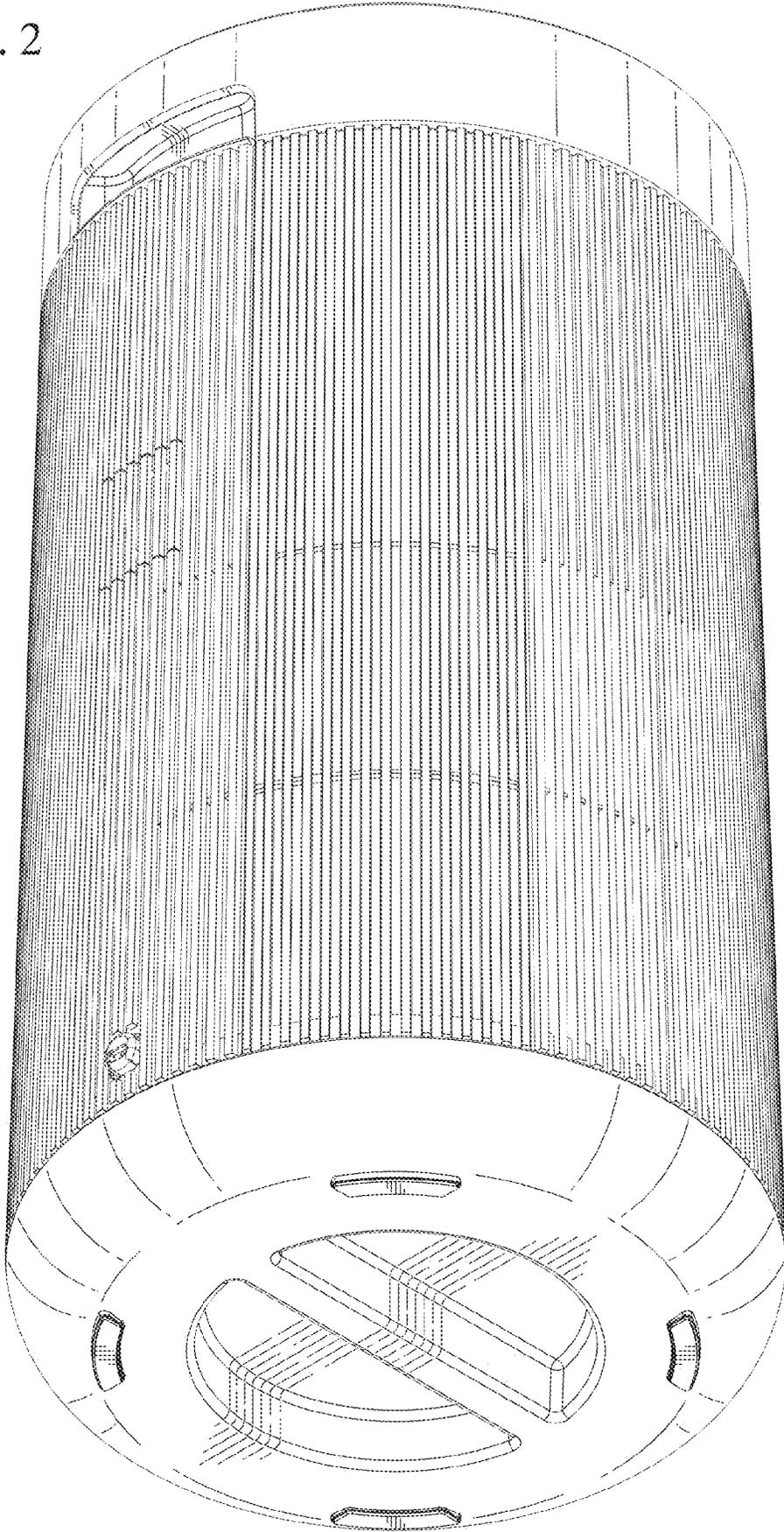


FIG. 3

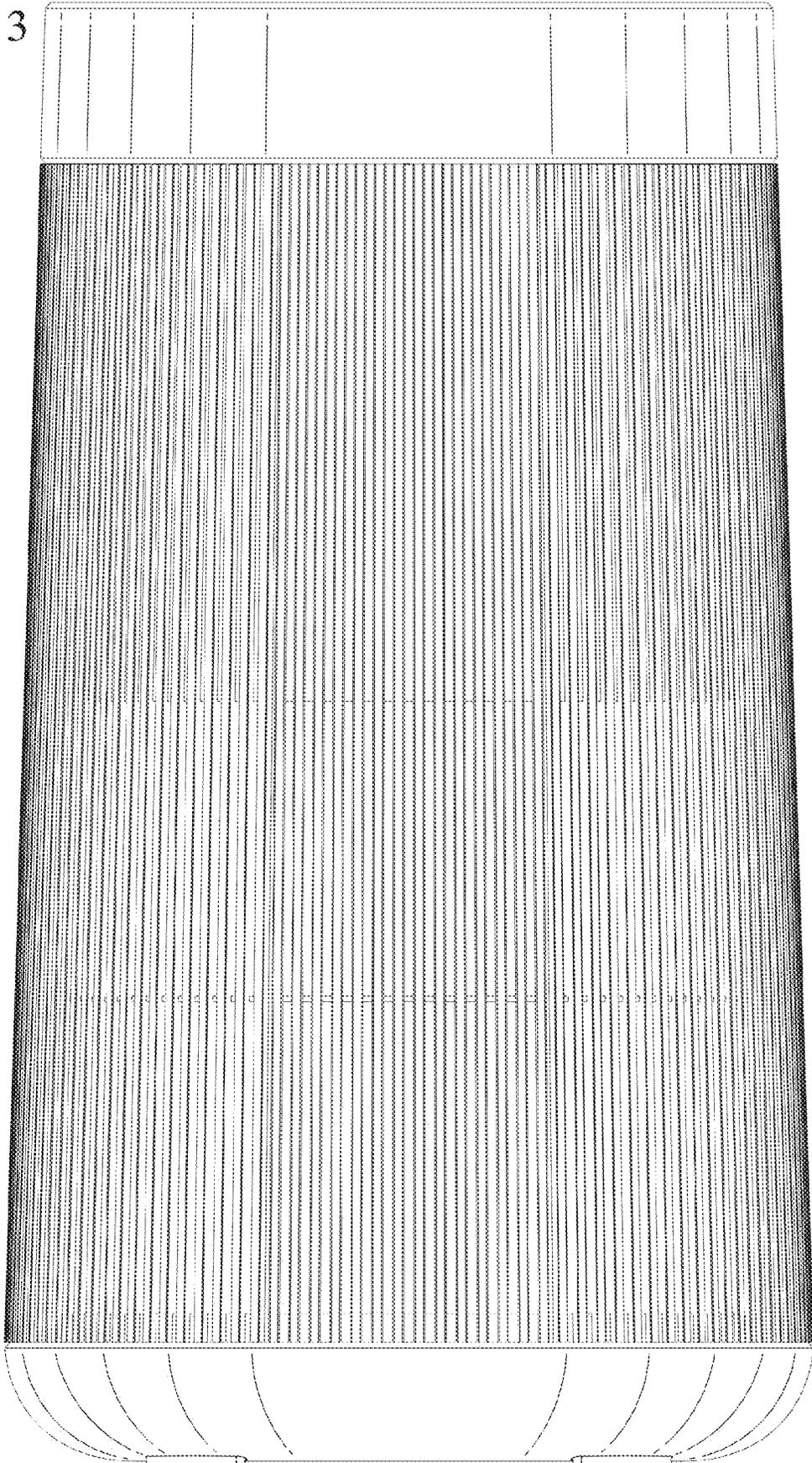


FIG. 4

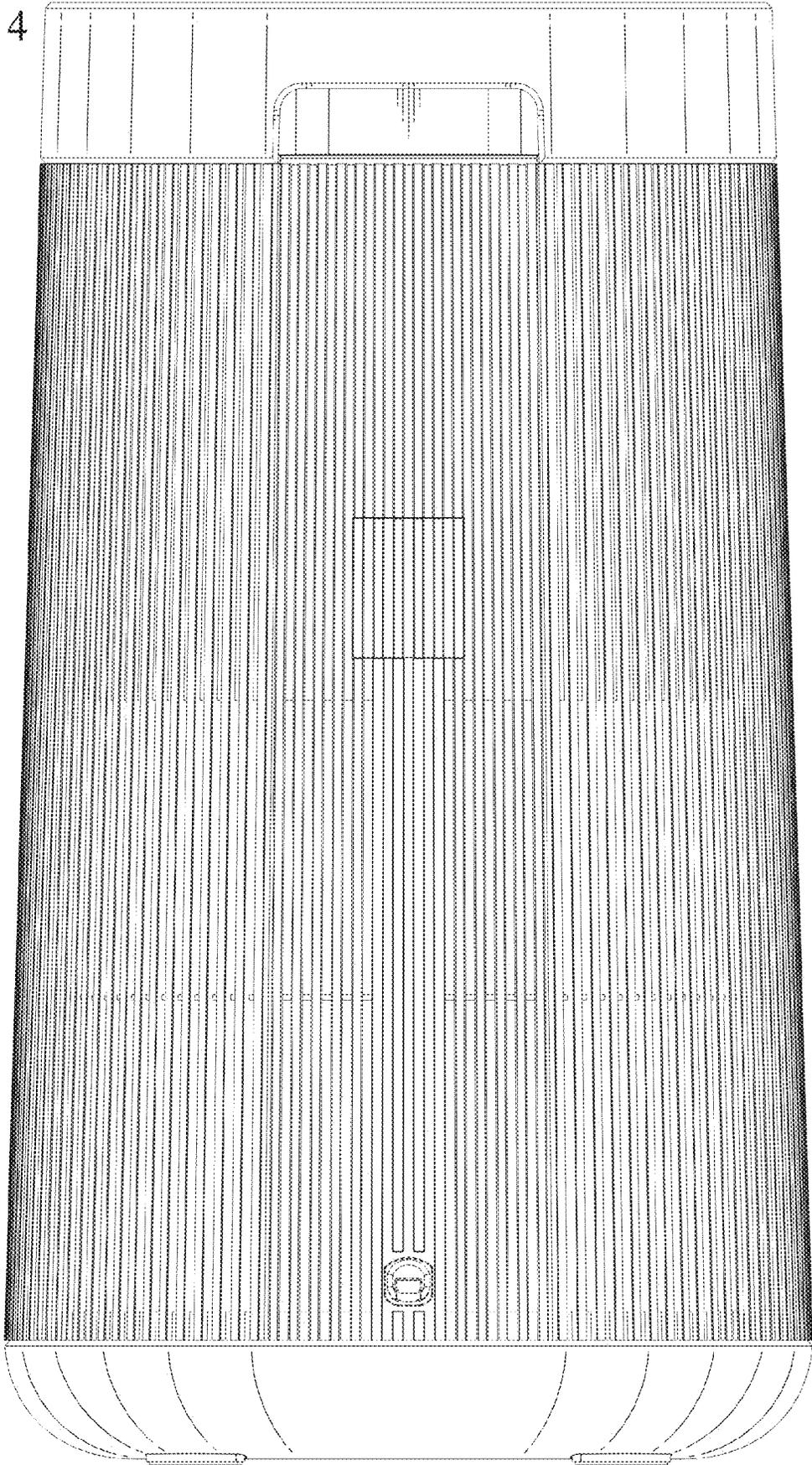


FIG. 5

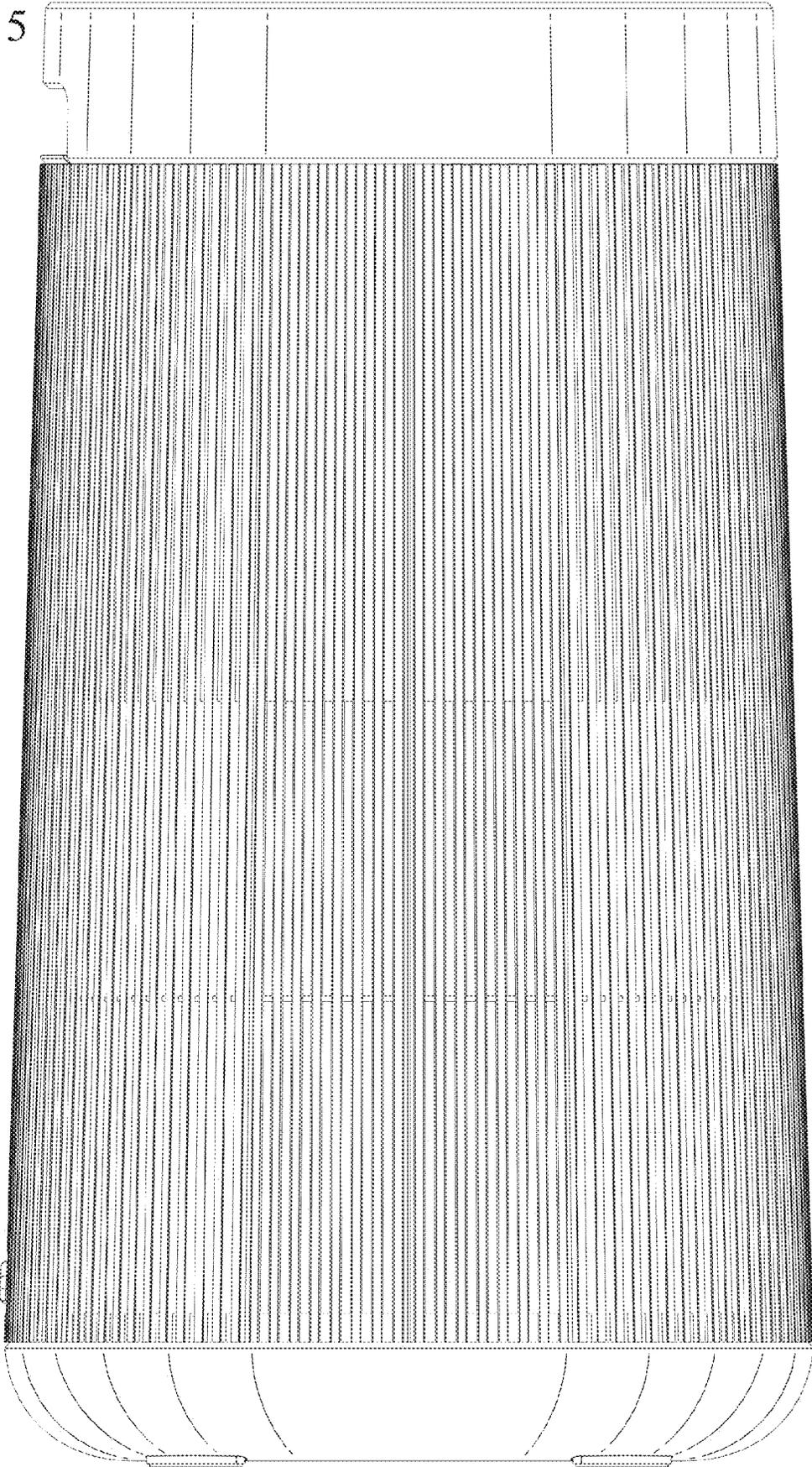


FIG. 6

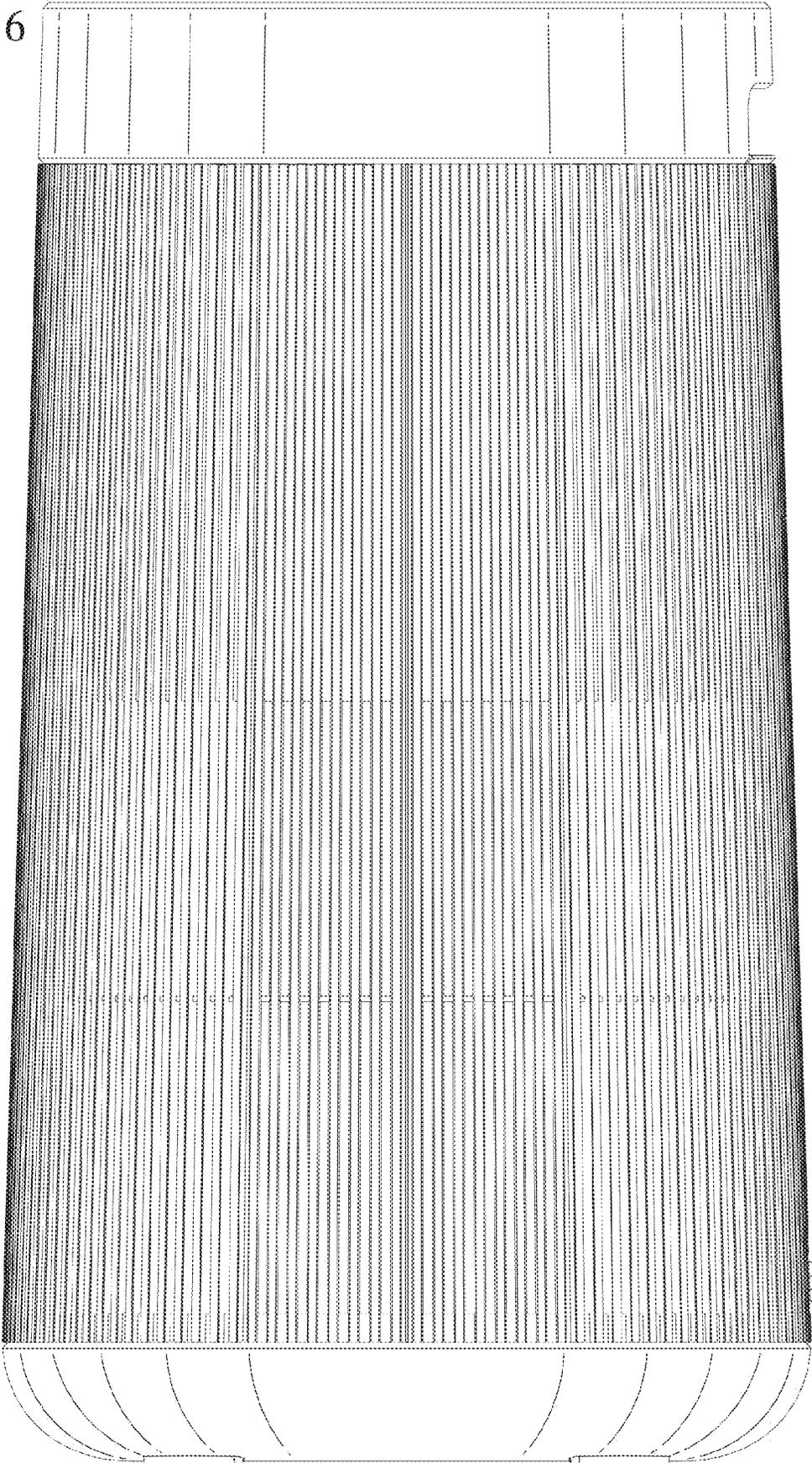


FIG. 7

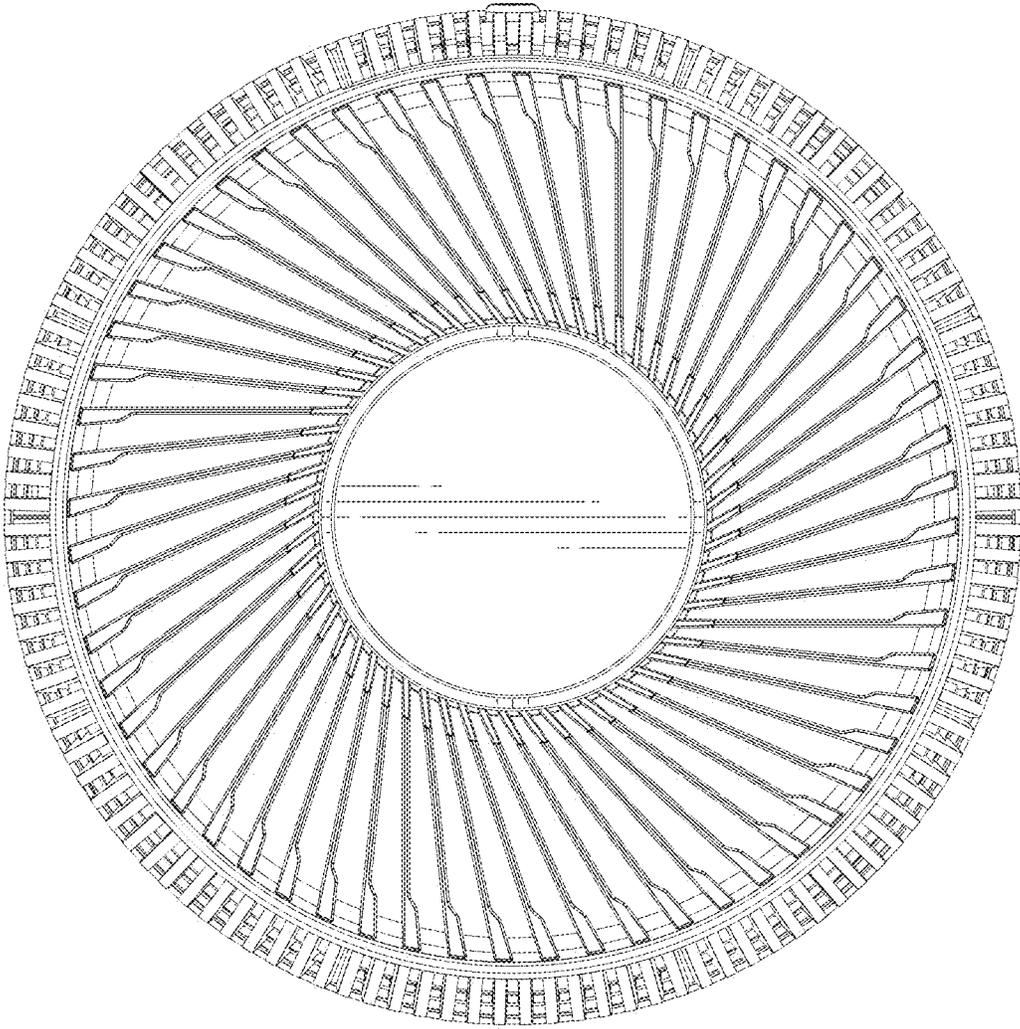


FIG. 8

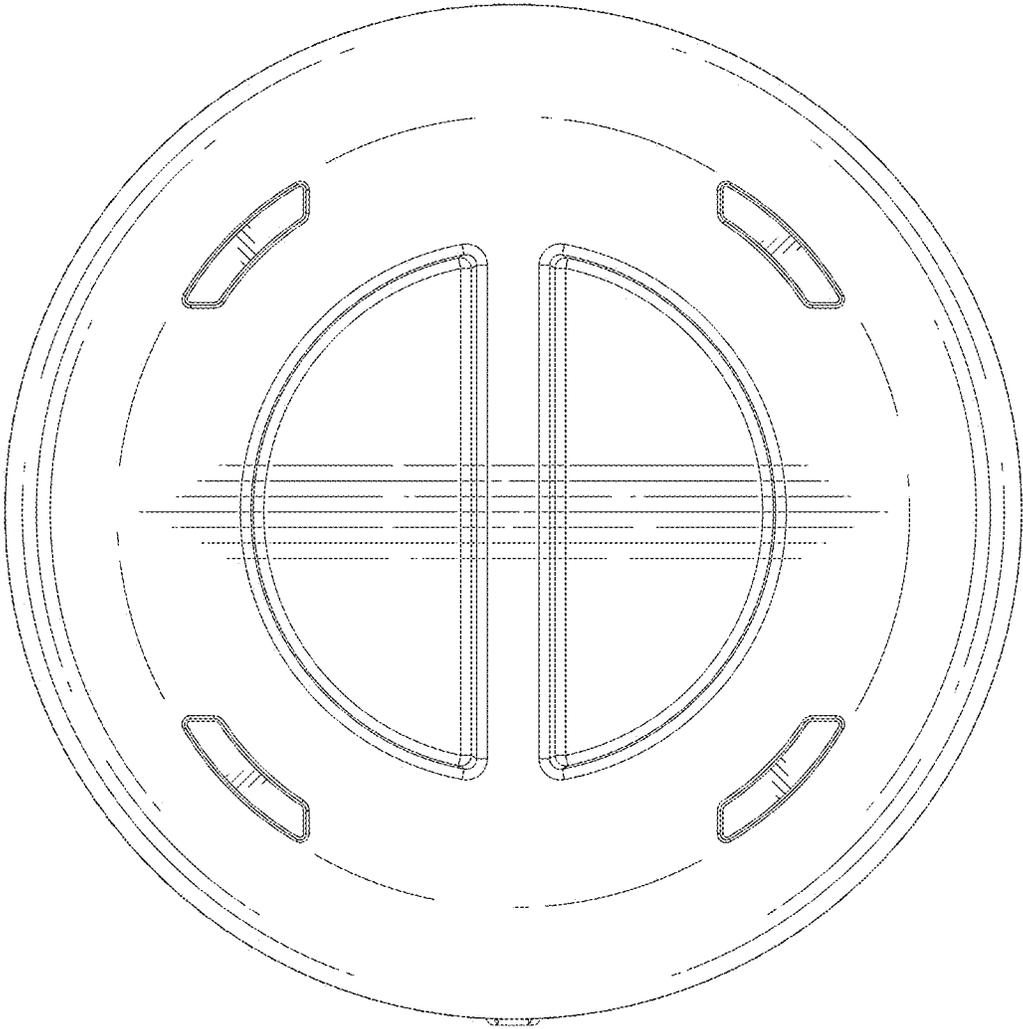


FIG. 9

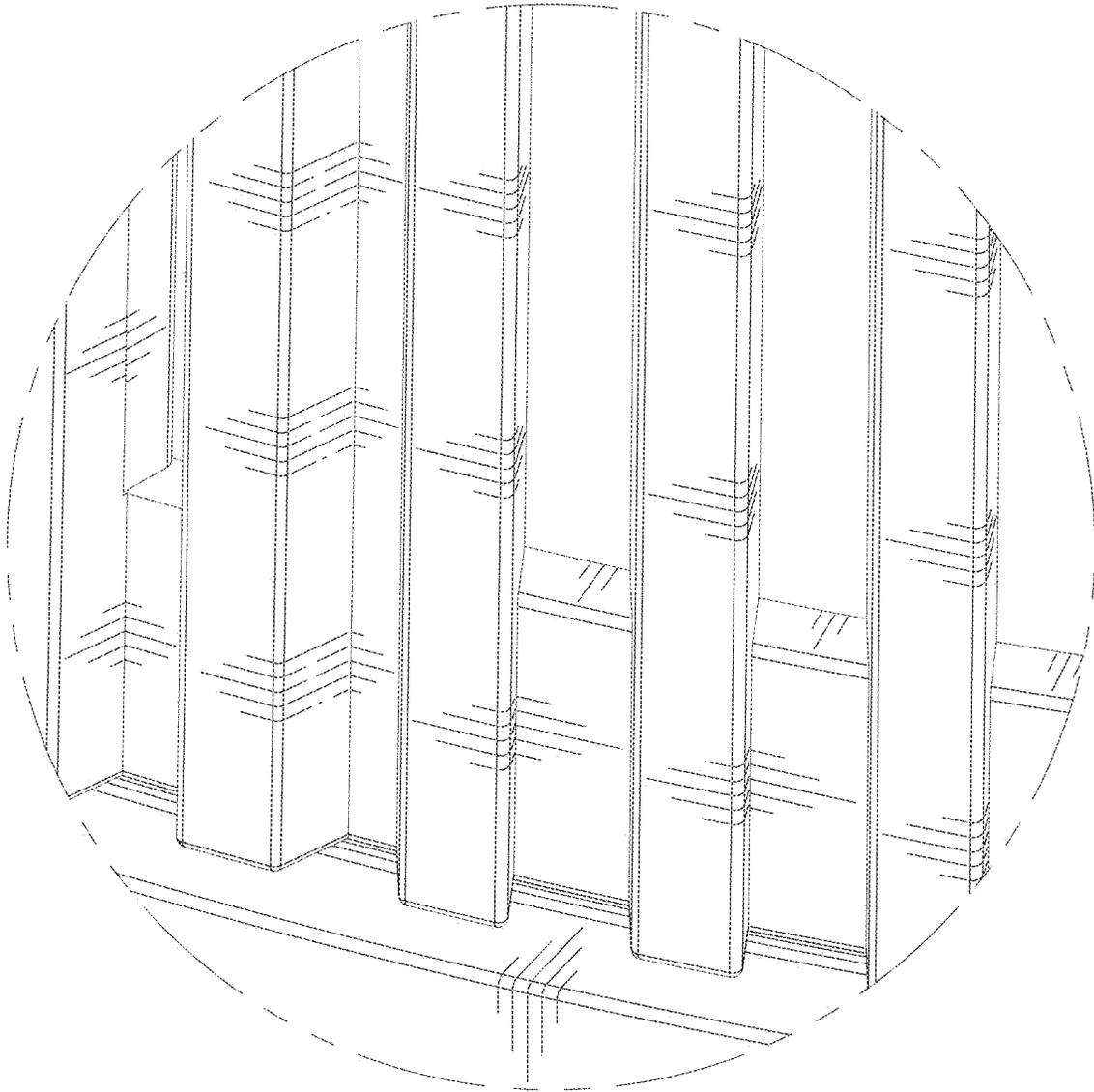


FIG. 10

