



US00D943072S

(12) **United States Design Patent** (10) **Patent No.:** **US D943,072 S**  
**Hu et al.** (45) **Date of Patent:** **\*\* Feb. 8, 2022**

(54) **HUMIDIFIER**

2019/0039009 A1\* 2/2019 Jun ..... B03C 3/155  
2020/0224892 A1\* 7/2020 Yang ..... F24F 1/029  
2020/0300502 A1\* 9/2020 Kang ..... F24F 13/20

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**FOREIGN PATENT DOCUMENTS**

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CN 305776599 \* 11/2015  
KR 300958975.0000 \* 1/2018

(73) Assignee: **SHENZHEN DITUO ELECTRONIC CO., LTD,** Shenzhen (CN)

**OTHER PUBLICATIONS**

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

Cool Mist Humidifier, first available Sep. 24, 2019[online], [site visited Nov. 12, 2021]. Available from internet, URL:<https://www.amazon.com/Humidifier-Humidifiers-Adjustable-Brightness-Shut-Off/dp/B07Y9Q3BRZ> (Year: 2019).\*  
Asakuki 300ML Essential Oil Diffuser Quiet 5-in-1 Premium Humidifier, first available Feb. 20, 2019[online], [site visited Nov. 12, 2021]. Available from internet, URL:<https://www.amazon.ca/dp/B07LBQR3QY> (Year: 2019).\*

(21) Appl. No.: **29/734,526**

(22) Filed: **May 13, 2020**

(30) **Foreign Application Priority Data**

Nov. 15, 2019 (CN) ..... 201930630709.3

\* cited by examiner

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

*Primary Examiner* — Barbara Fox

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

*Assistant Examiner* — Jamaal Rasheed

USPC ..... **D23/356**

(58) **Field of Classification Search**

(74) *Attorney, Agent, or Firm* — Innovation Capital Law Group, LLP; Vic Lin

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.

(57) **CLAIM**

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

(56) **References Cited**

**DESCRIPTION**

**U.S. PATENT DOCUMENTS**

D835,766 S \* 12/2018 Chen ..... D23/364  
D845,456 S \* 4/2019 Swanson ..... D23/359  
D847,323 S \* 4/2019 Gan ..... D23/356  
D865,149 S \* 10/2019 Lin ..... D23/364  
D886,268 S \* 6/2020 Montagnino ..... D23/356  
D890,905 S \* 7/2020 Farone ..... D23/364  
D892,289 S \* 8/2020 Baillie ..... D23/356  
D900,989 S \* 11/2020 Liu ..... D23/356  
D905,220 S \* 12/2020 Farone ..... D23/364  
D906,500 S \* 12/2020 Seo ..... D23/356  
D925,716 S \* 7/2021 Qin ..... D23/356  
D932,606 S \* 10/2021 Wang ..... D23/356

FIG. 1 is a front elevation view of a humidifier, showing our new design;

FIG. 2 is a rear elevation view thereof;

FIG. 3 is a right side elevation view thereof;

FIG. 4 is a left side elevation view thereof;

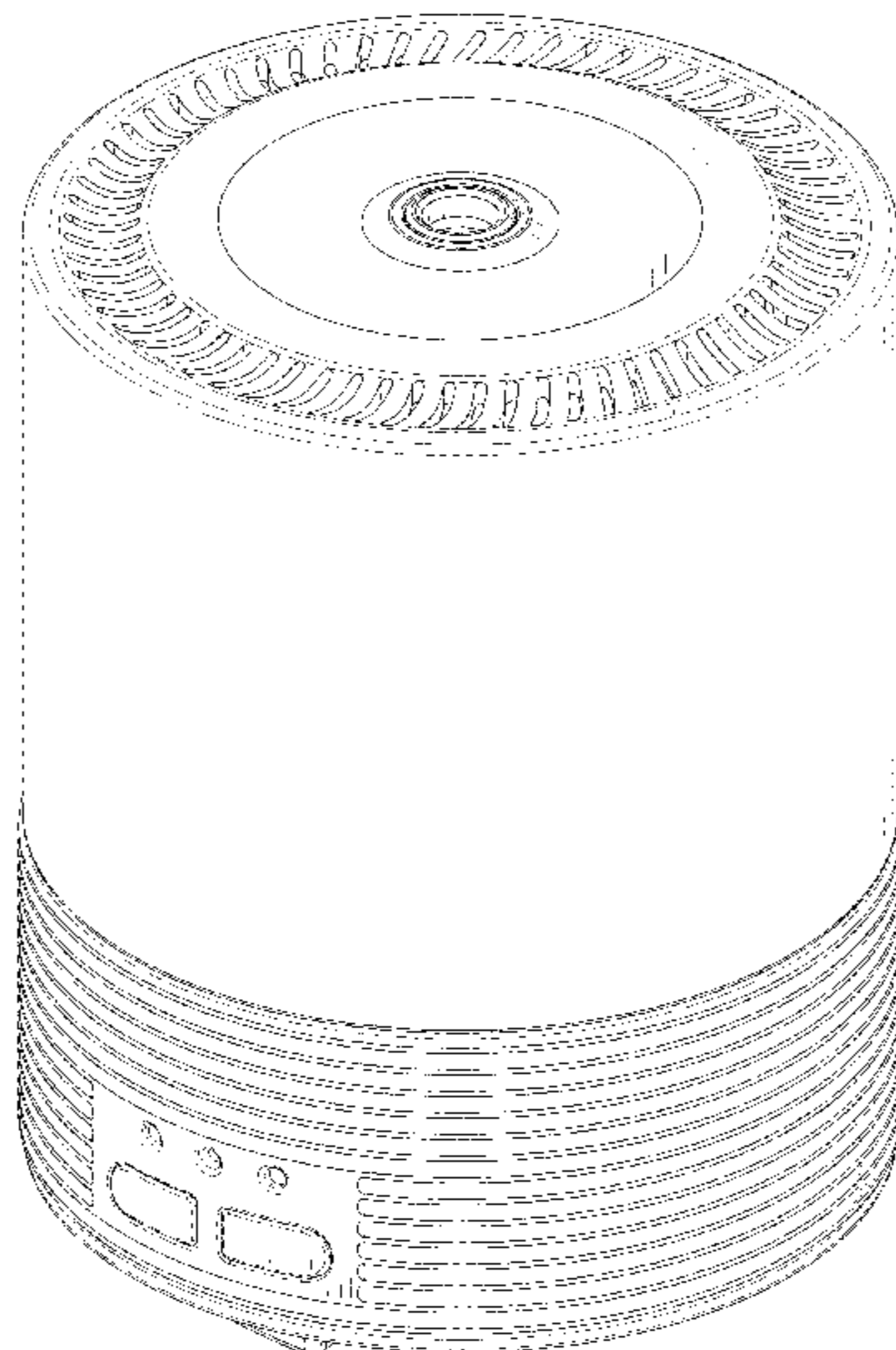
FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front perspective view thereof; and,

FIG. 8 is a bottom perspective view thereof.

**1 Claim, 8 Drawing Sheets**



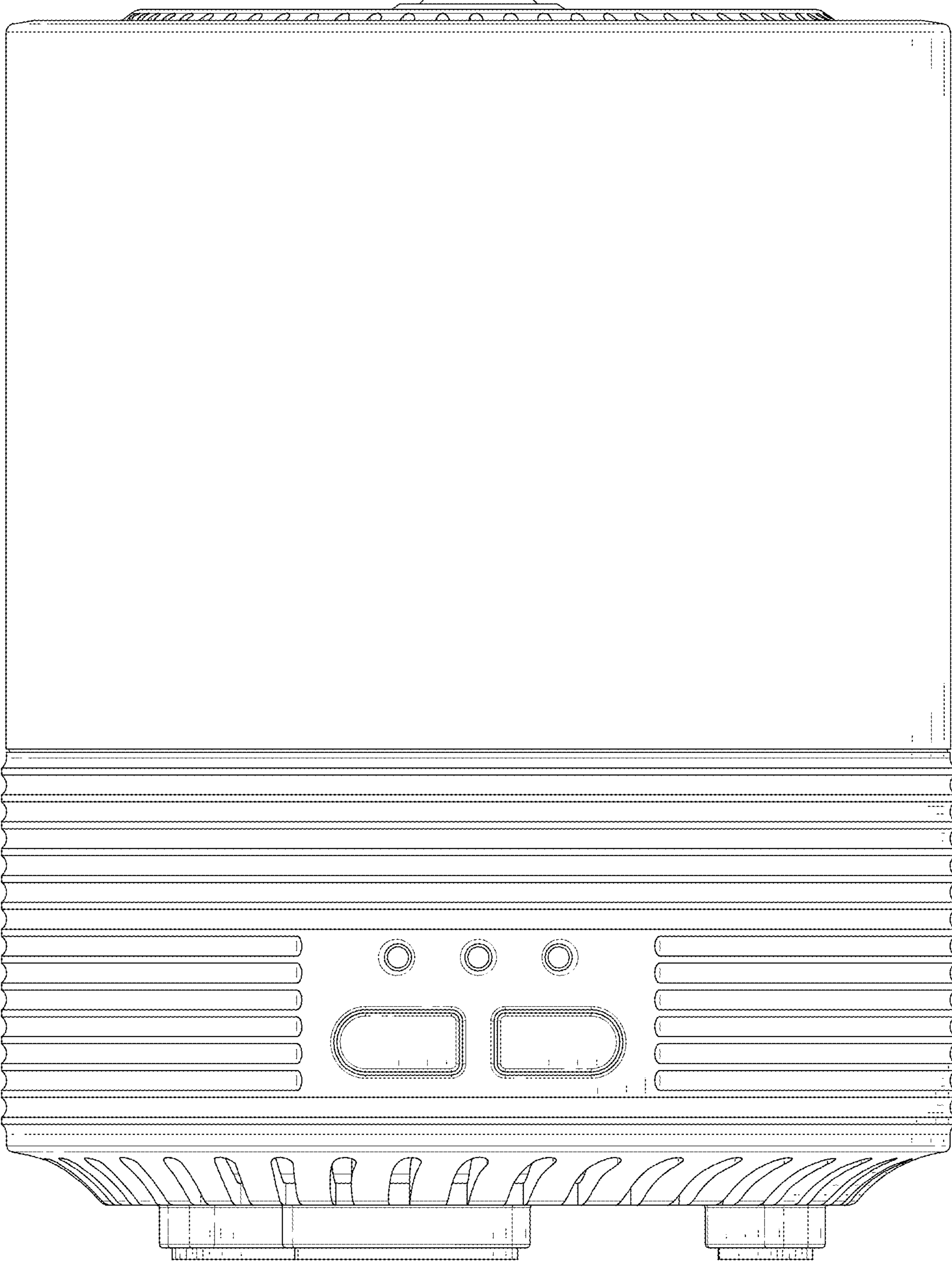


FIG. 1

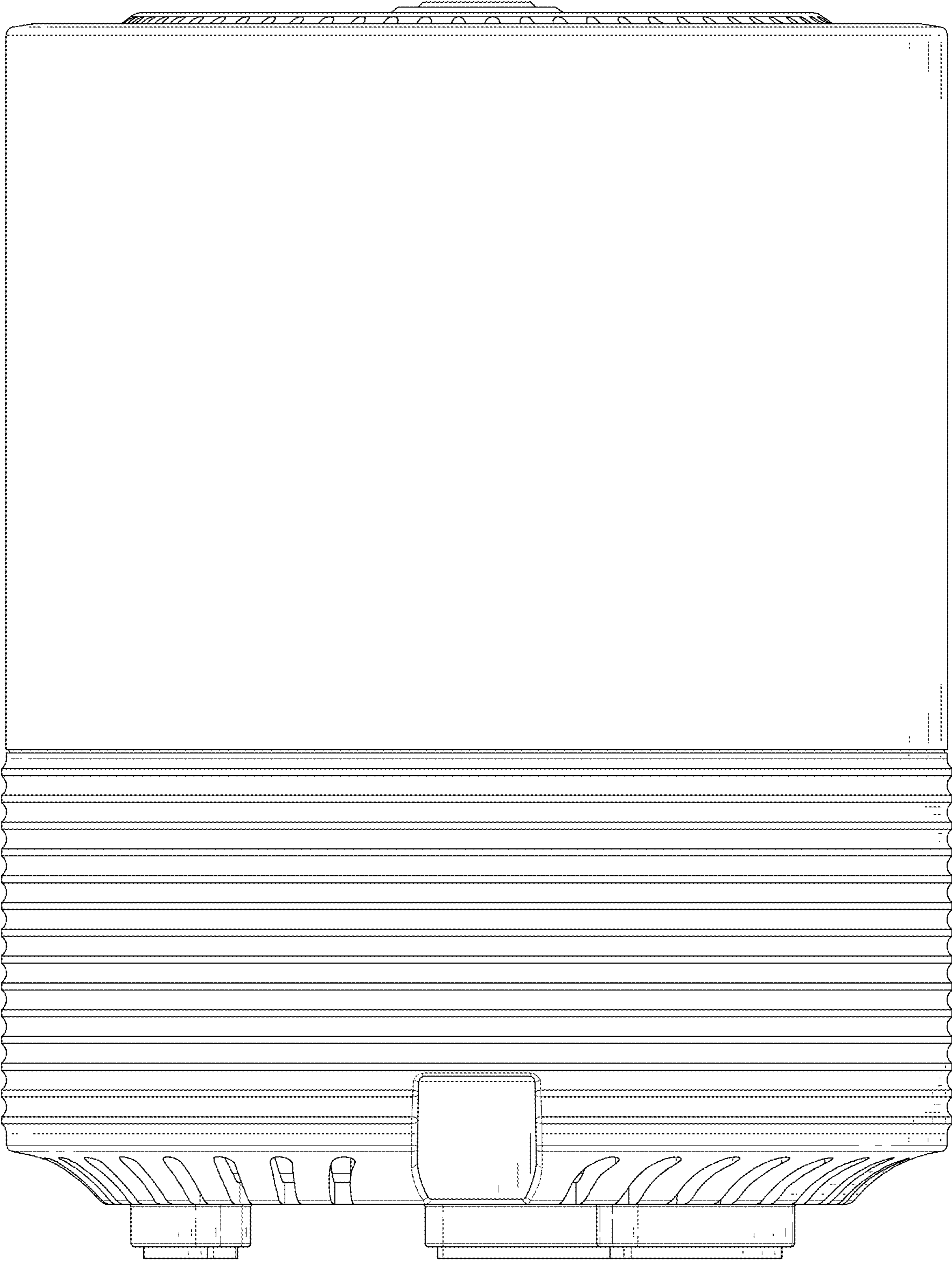


FIG. 2

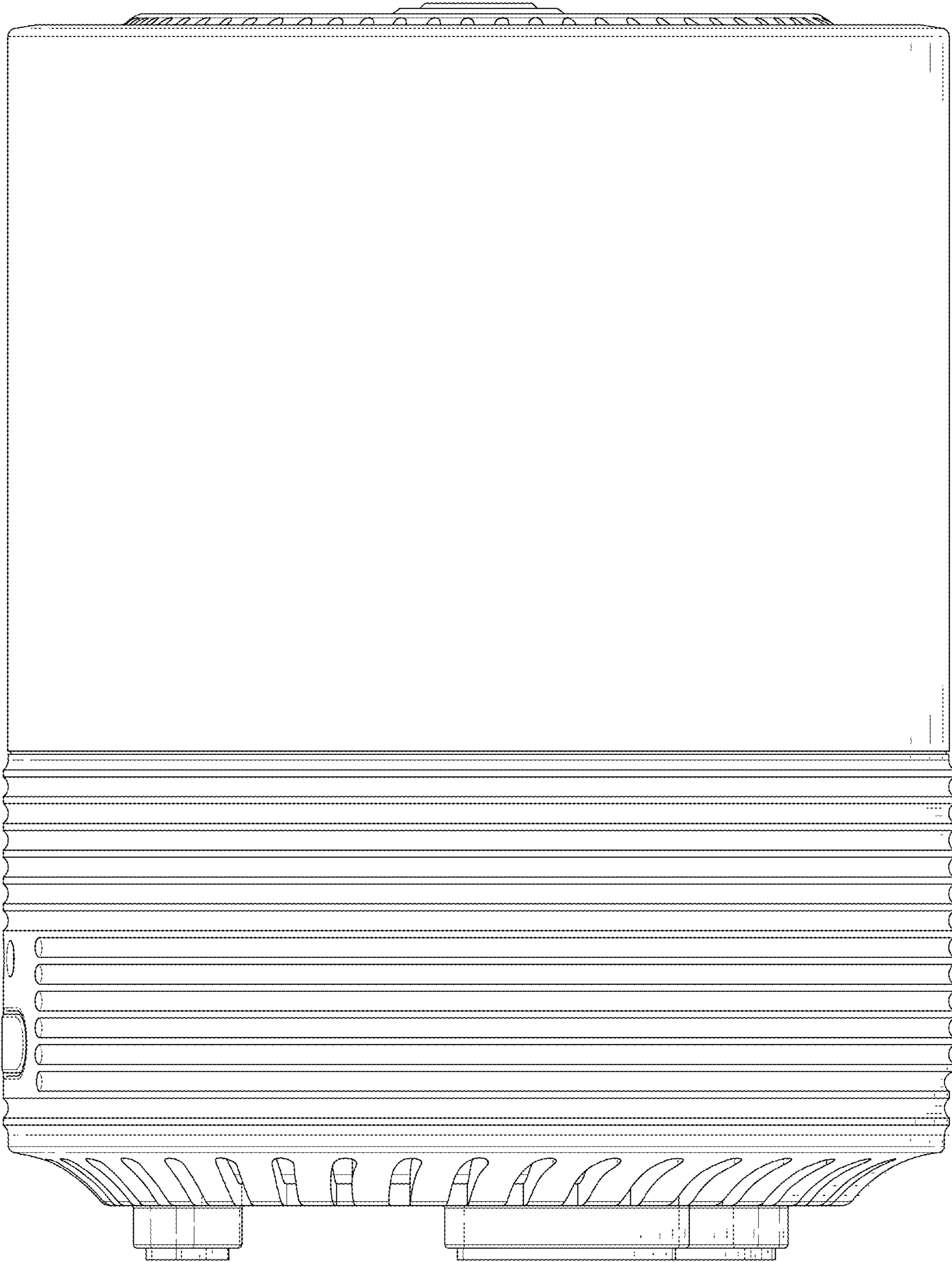


FIG. 3



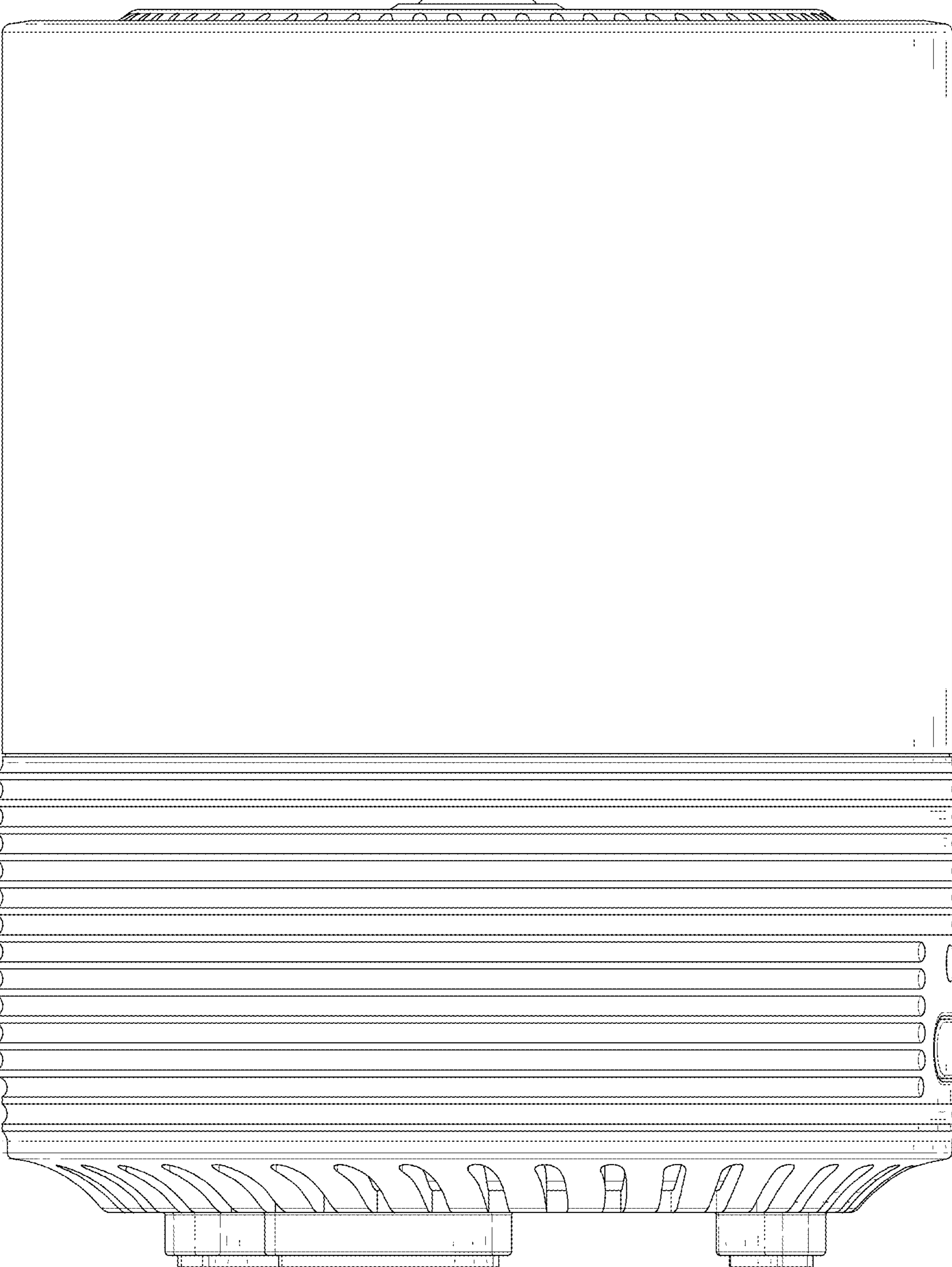


FIG. 4

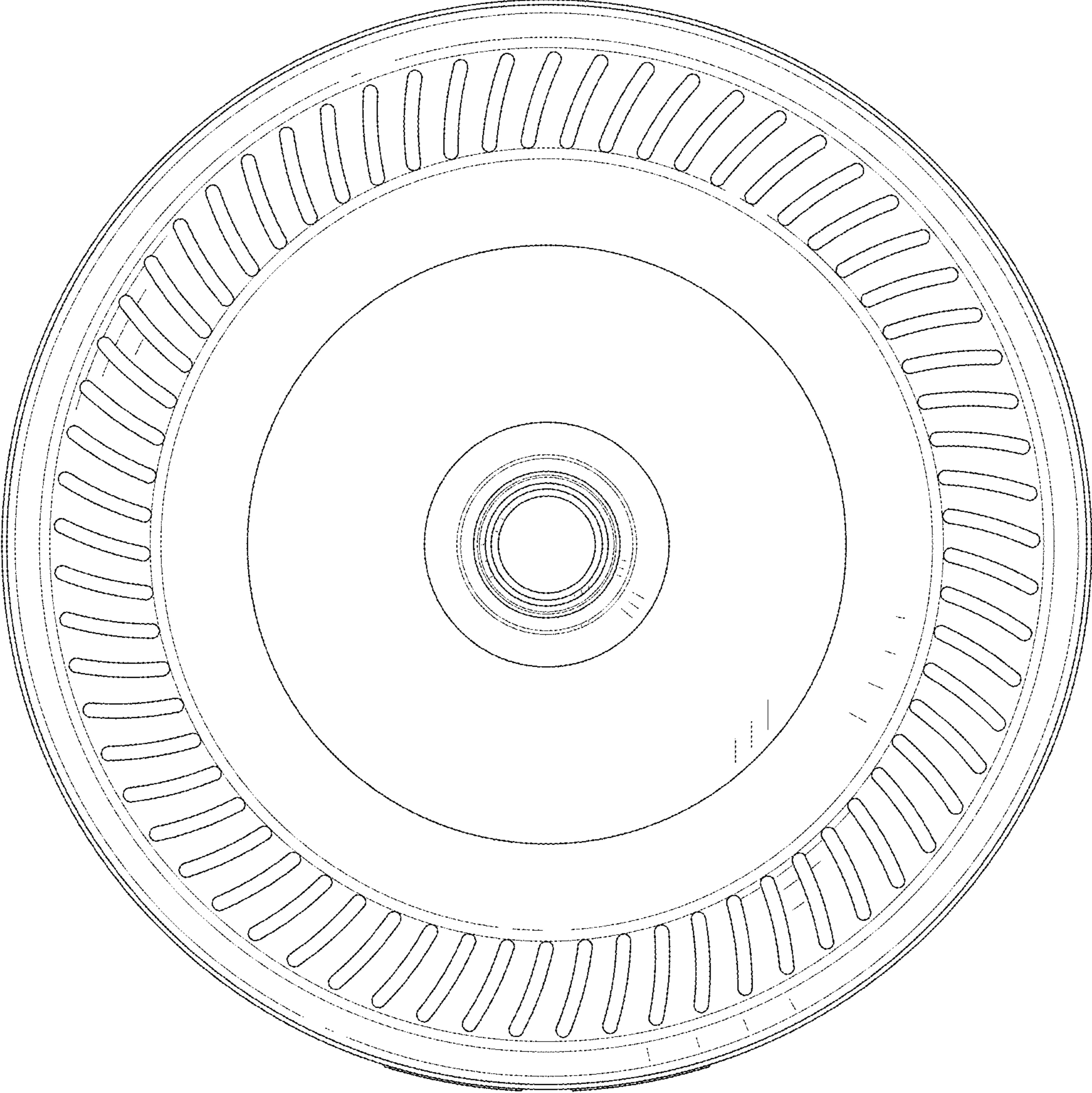


FIG. 5

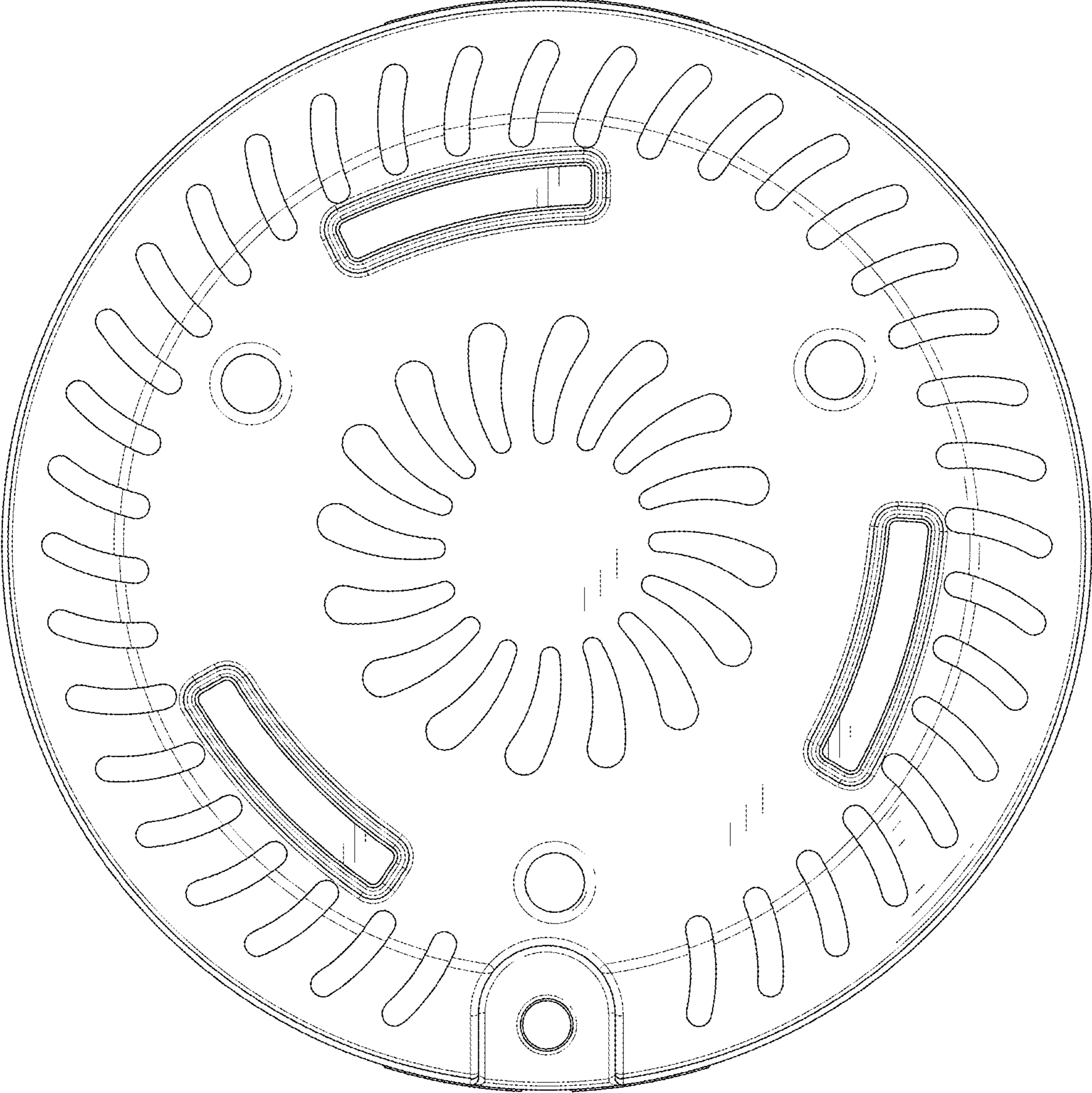


FIG. 6



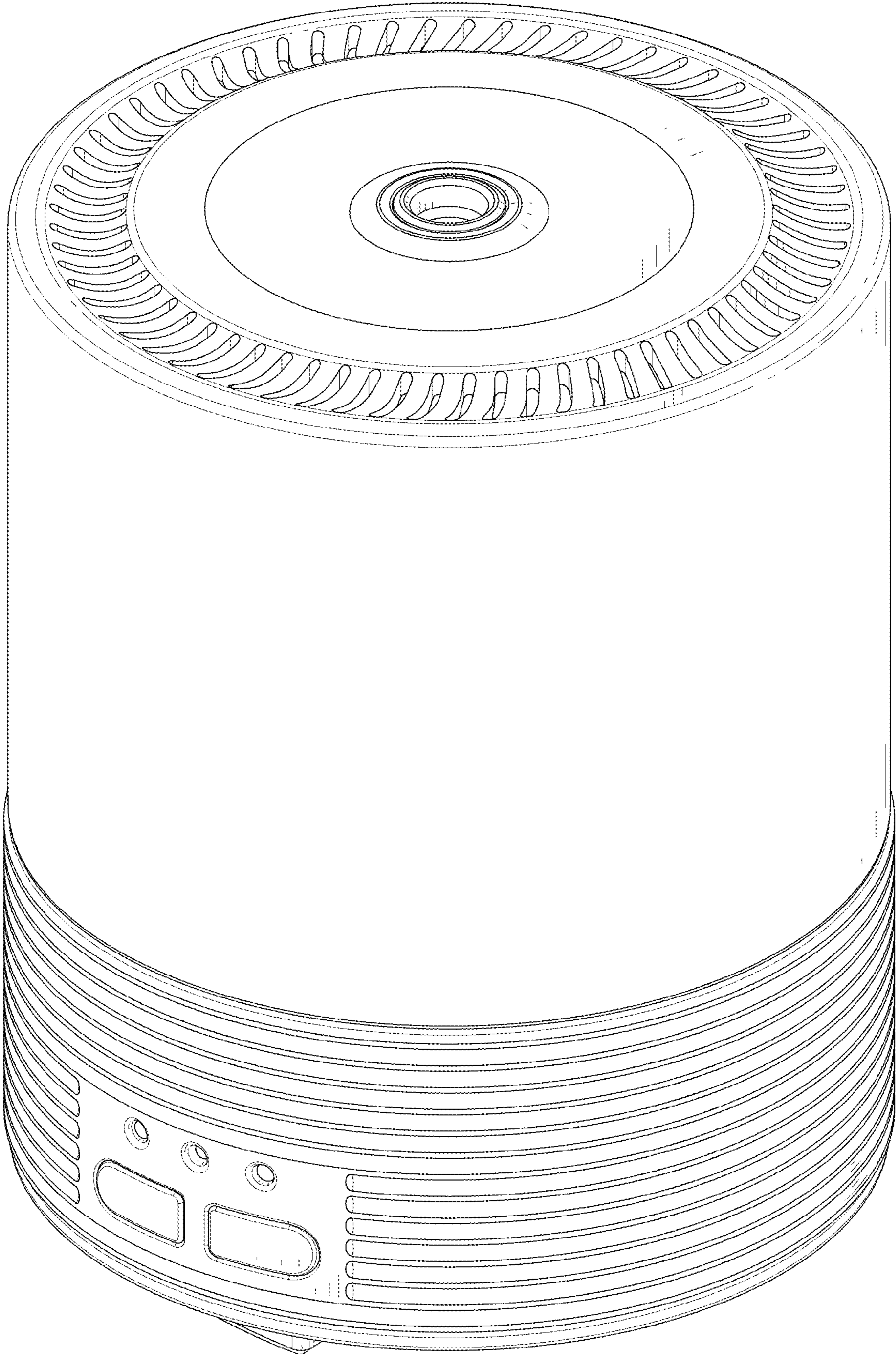


FIG. 7



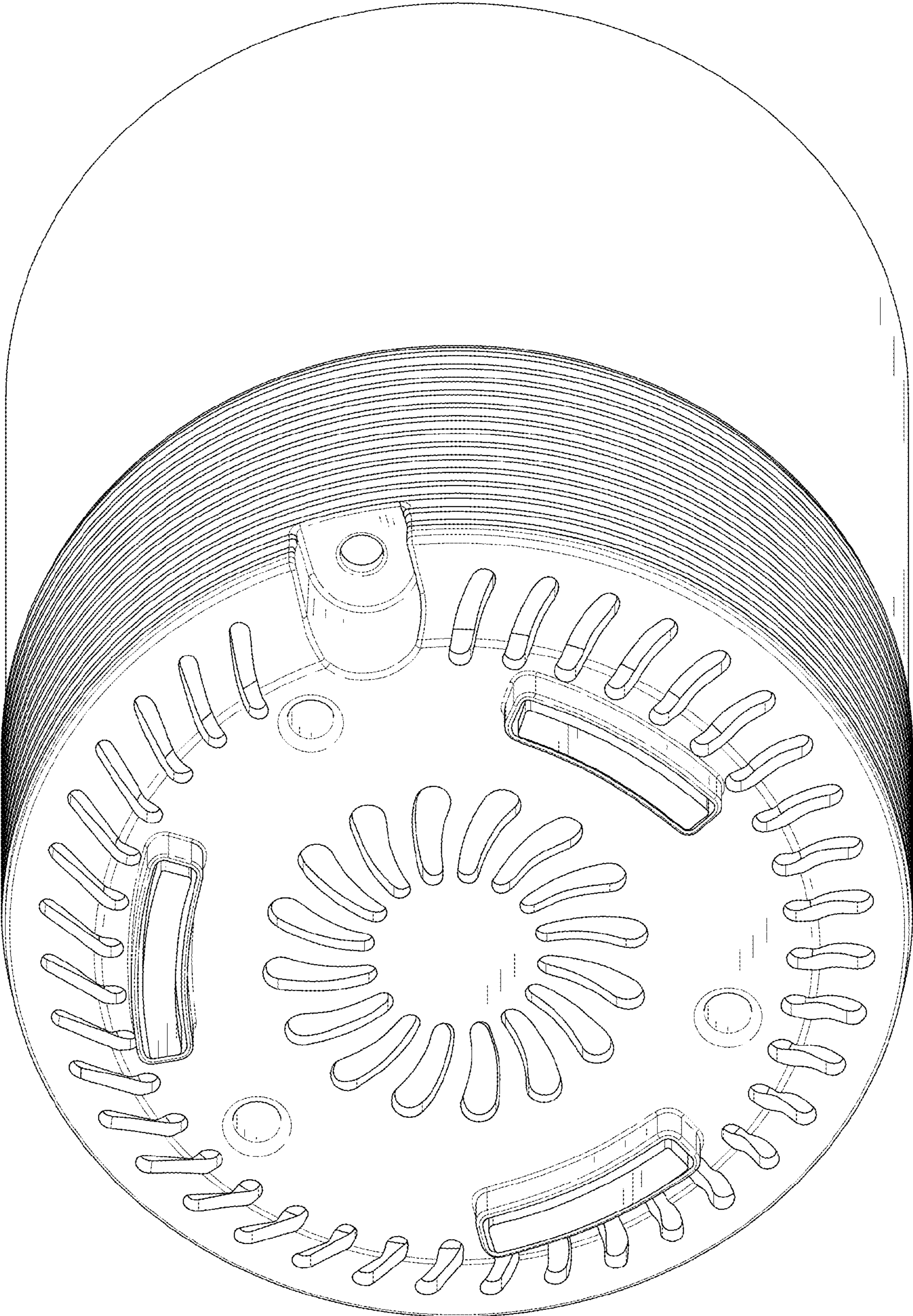


FIG. 8