



US00D977618S

(12) **United States Design Patent** (10) **Patent No.:** **US D977,618 S**  
**Long** (45) **Date of Patent:** **\*\* Feb. 7, 2023**

(54) **FAN HEATER**

D850,592 S \* 6/2019 Jacobs ..... D23/332  
D927,666 S \* 8/2021 Shin ..... D23/364  
2007/0077042 A1\* 4/2007 Jayaram ..... F24H 3/0417  
392/385

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(73) Assignee: **Shenzhen Aspiron Technology Company Limited, Shenzhen (CN)**

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

(21) Appl. No.: **29/796,972**

(22) Filed: **Jun. 28, 2021**

(30) **Foreign Application Priority Data**

Apr. 27, 2021 (CN) ..... 202130246680.6

(51) **LOC (14) Cl.** ..... **23-03**

(52) **U.S. Cl.**  
USPC ..... **D23/332**

(58) **Field of Classification Search**  
USPC ..... D23/314, 317, 318, 332, 333, 334, 335,  
D23/336, 337, 338, 339, 340, 355, 356,  
D23/359, 364, 378, 370

CPC ..... F24H 3/00; F24H 3/0411; F24H 3/0417;  
F24H 9/0063; F24H 9/0073; F24H 9/02;  
F24H 3/082; F24H 9/2071; F24H 3/002;  
F24H 3/02; F24H 3/04; F04D 17/04;  
F04D 25/08; F04D 25/10; F04D 5/00;  
H05B 3/008; F24D 15/02; F24D 19/0087;  
F24D 19/06; F24D 19/1084

See application file for complete search history.

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Display <https://a.co/d/31XU14G> Retrieved on Sep. 15, 2022 (Year:  
2022).\*

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*Primary Examiner* — Ania Aman

(74) *Attorney, Agent, or Firm* — ScienBiziP, P.C.

(57) **CLAIM**

The ornamental design for a fan heater, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a fan heater showing my design.

FIG. 2 is a rear perspective view of the fan heater in FIG. 1.

FIG. 3 is a front elevation view of the fan heater in FIG. 1.

FIG. 4 is a rear elevation view of the fan heater in FIG. 1.

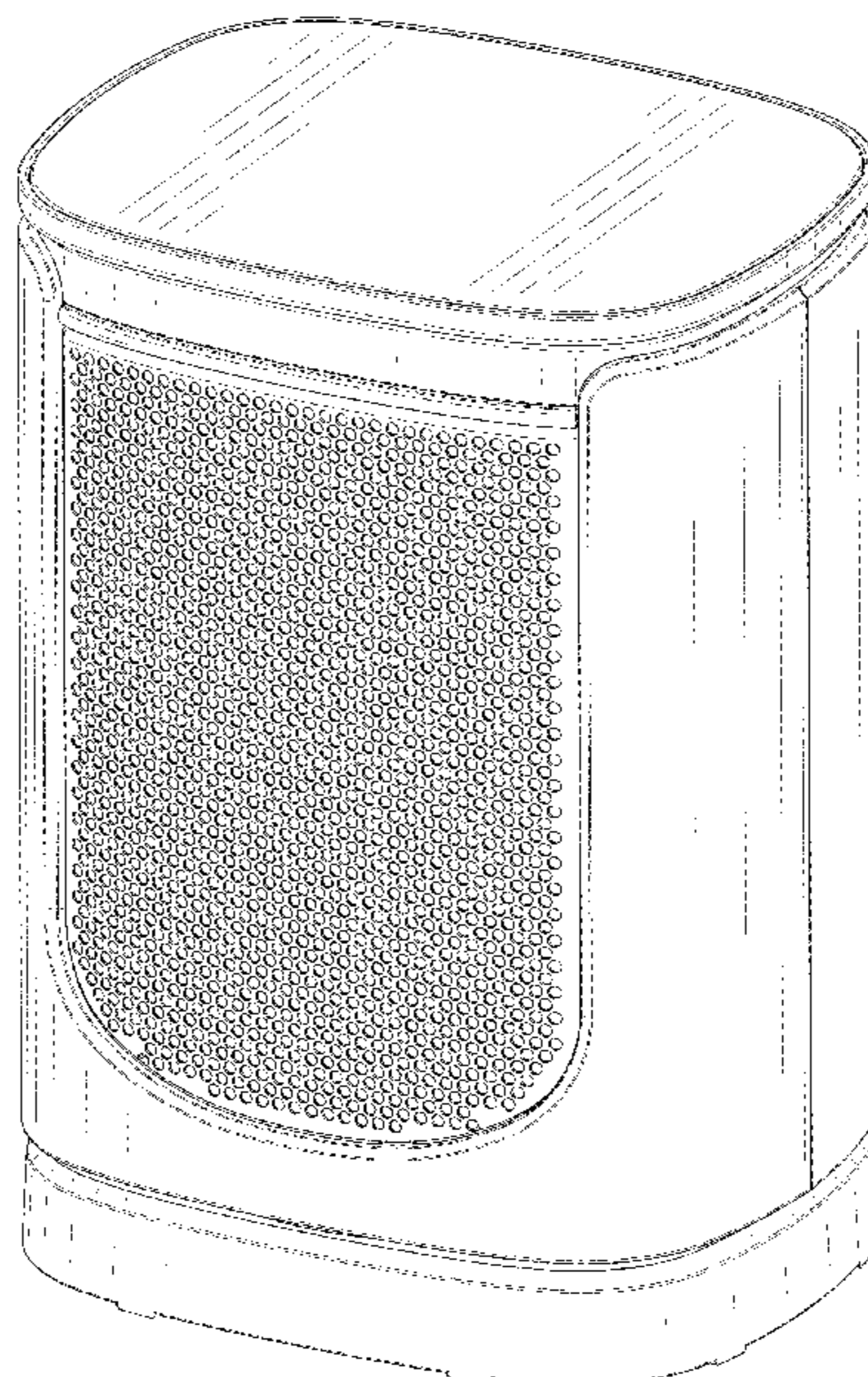
FIG. 5 is a left side elevation view of the fan heater in FIG. 1.

FIG. 6 is a right side elevation view of the fan heater in FIG. 1.

FIG. 7 is a top plan view of the fan heater in FIG. 1; and, FIG. 8 is a bottom plan view of the fan heater in FIG. 1.

The broken lines in the drawings are employed to show unclaimed portions of the fan heater, and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



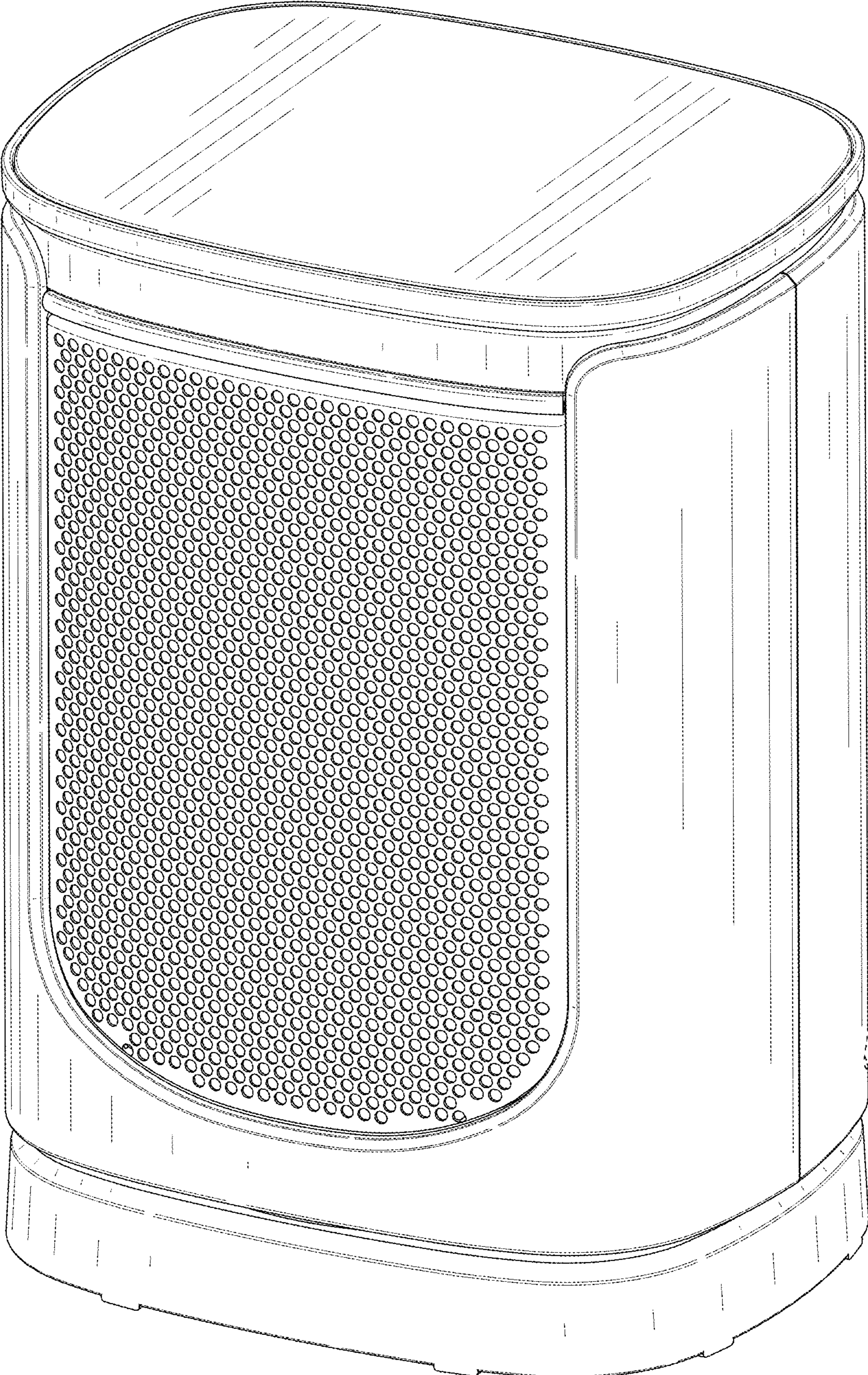


FIG. 1

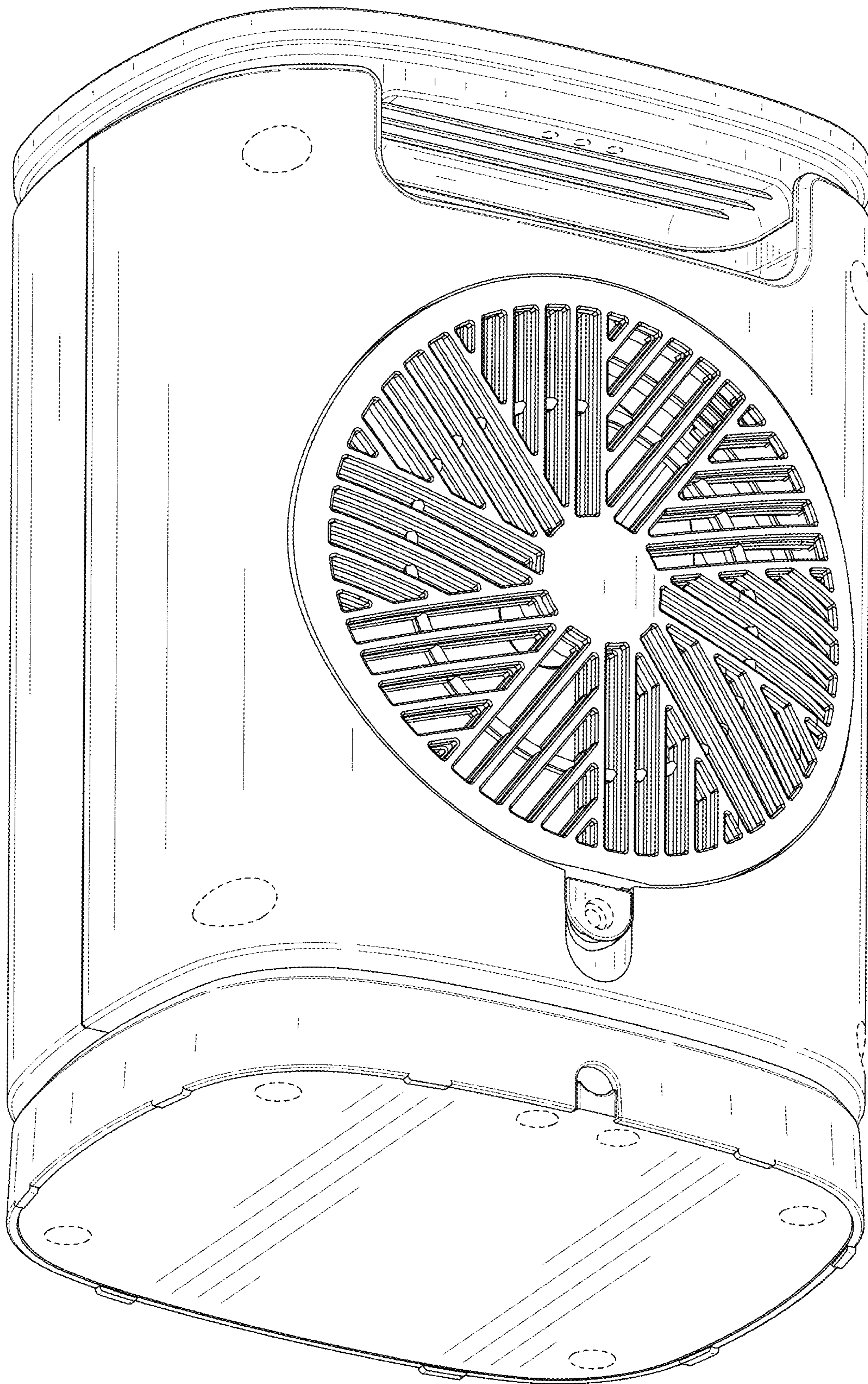


FIG. 2

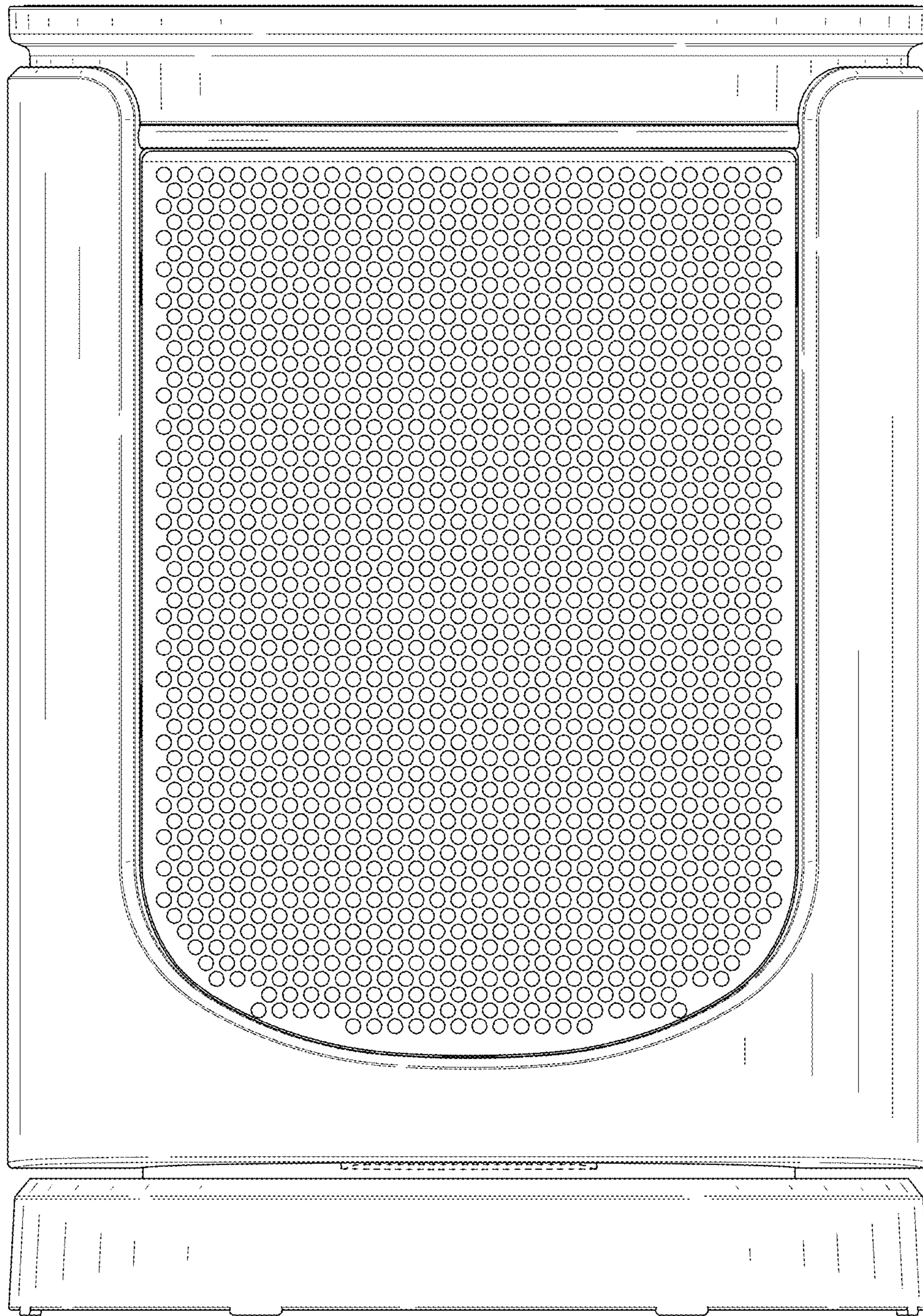


FIG. 3

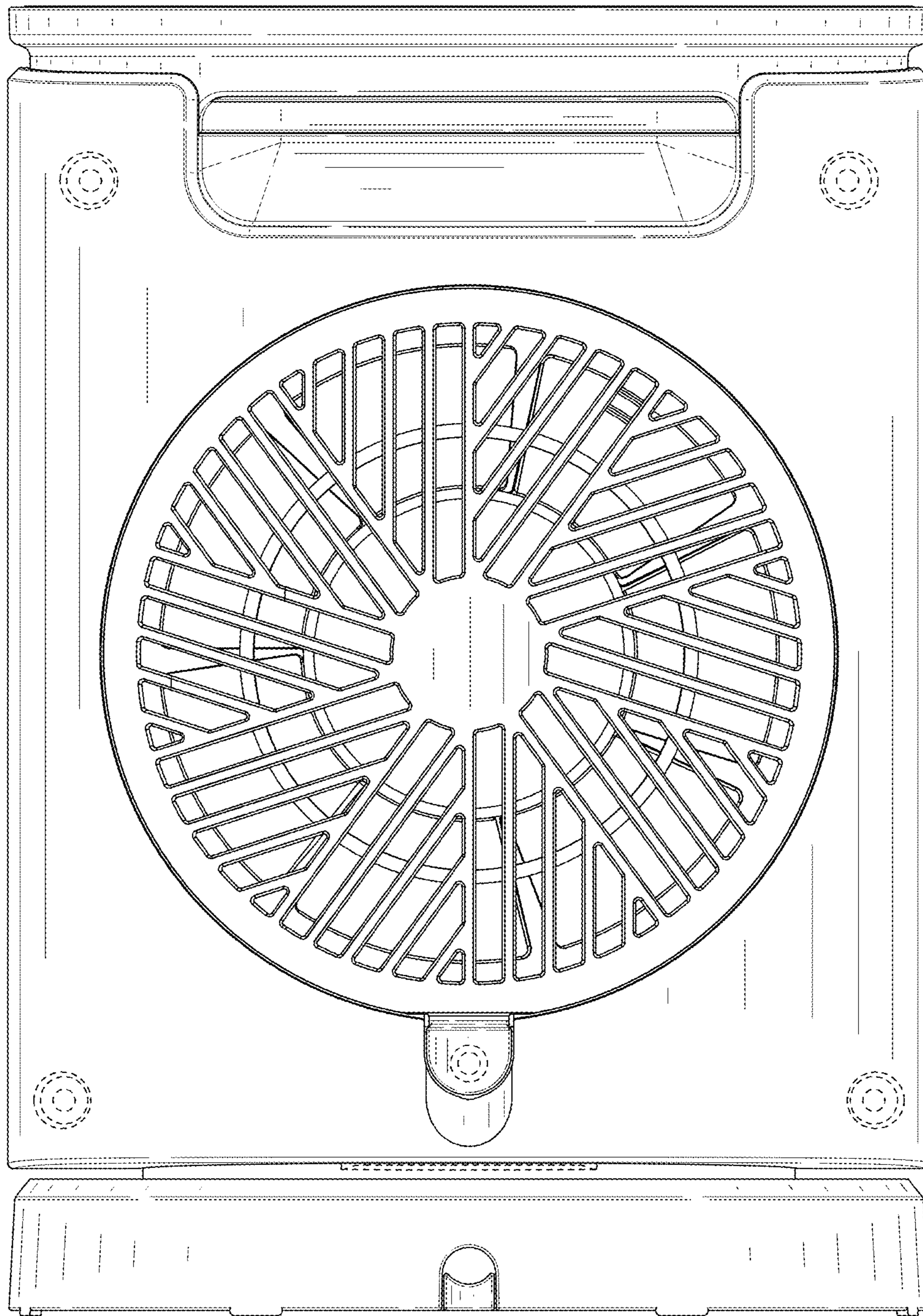


FIG. 4

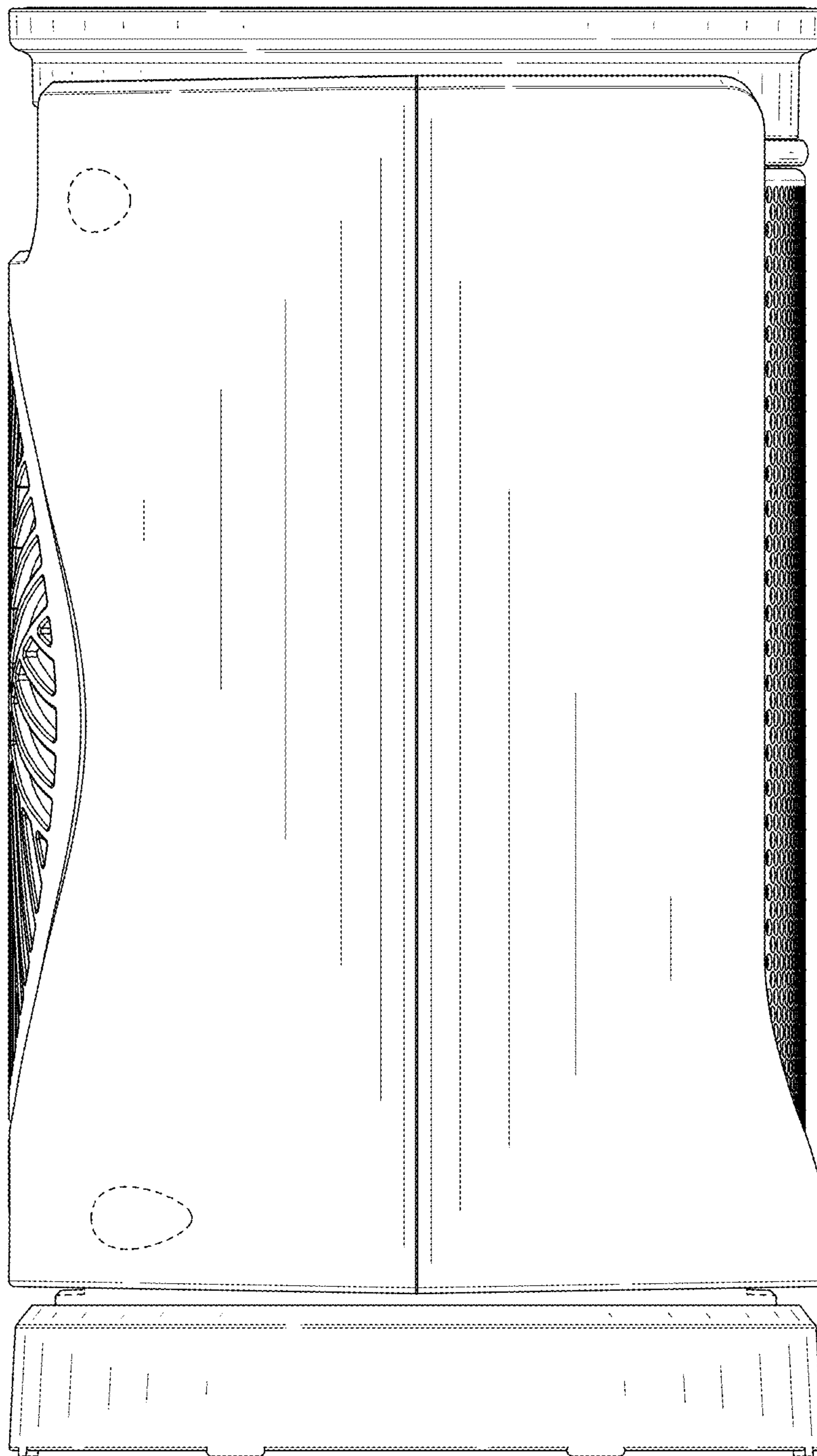


FIG. 5

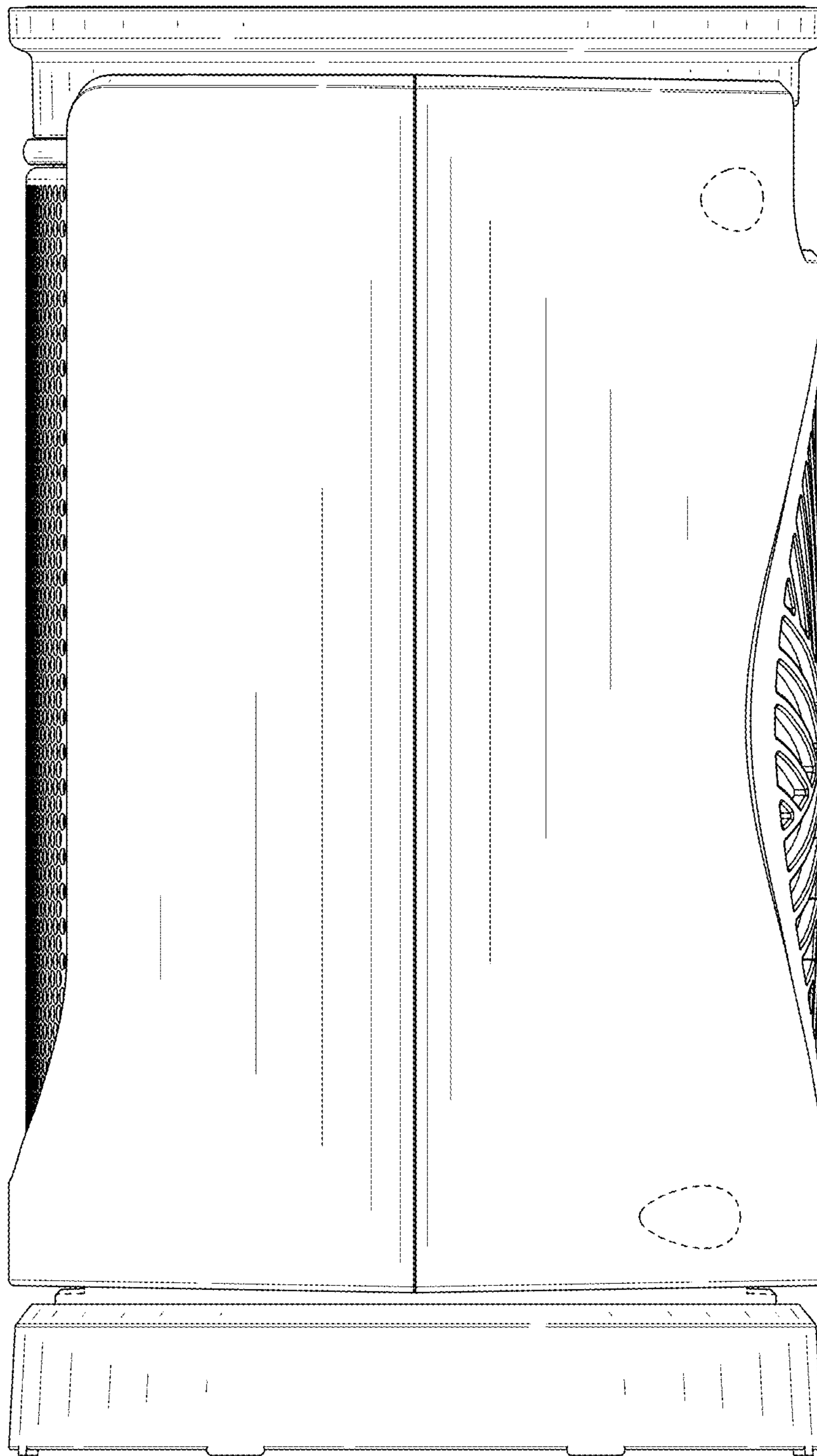


FIG. 6

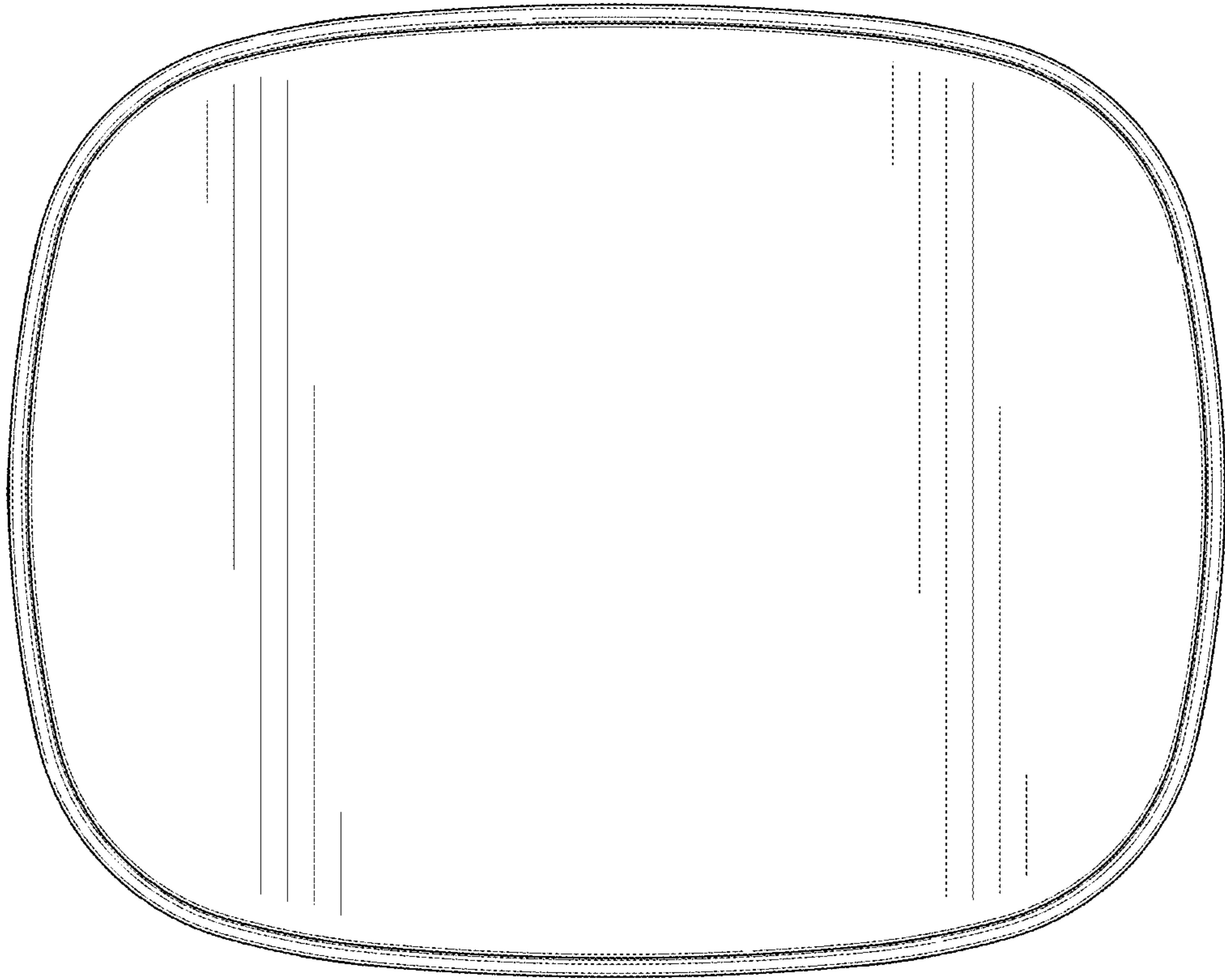


FIG. 7



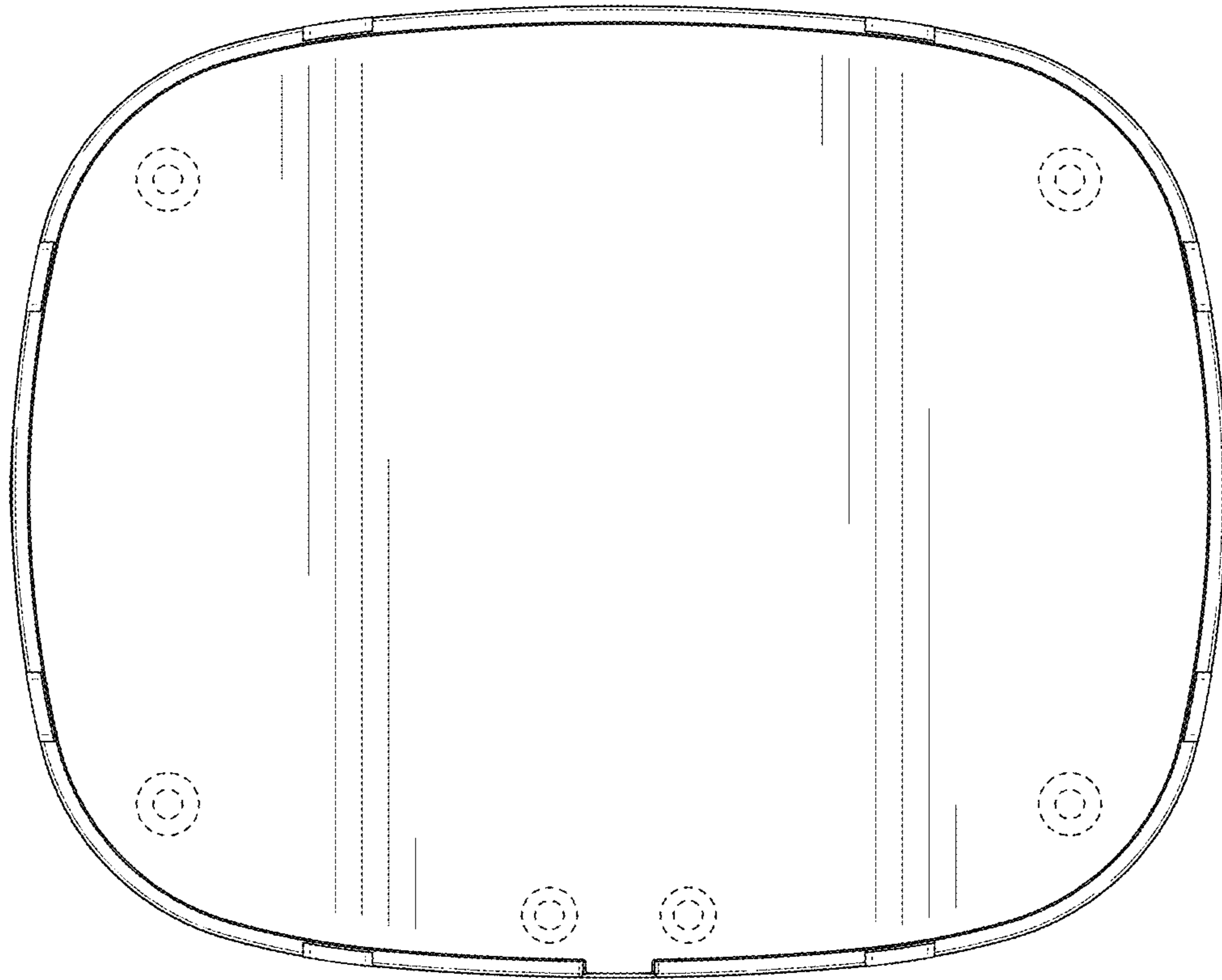


FIG. 8