

US00D975255S

(12) **United States Design Patent** (10) **Patent No.:** **US D975,255 S**
Wang (45) **Date of Patent:** **** Jan. 10, 2023**

(54) **SPACE HEATER**

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(72) Inventor: **Bo Wang**, Shenyang (CN)

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

(21) Appl. No.: **29/865,004**

(22) Filed: **Jun. 30, 2022**

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

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

(58) **Field of Classification Search**
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D23/336, 337, 338, 339, 355, 356, 359,
D23/364, 378

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.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D446,291 S * 8/2001 Birdsell D23/332
D459,454 S * 6/2002 Shapiro D23/335
D462,753 S * 9/2002 Gao D23/335
D532,880 S * 11/2006 Ching D23/335
D569,957 S * 5/2008 Shapiro D23/332

(Continued)

FOREIGN PATENT DOCUMENTS

CN 300782391 * 5/2008

OTHER PUBLICATIONS

Amazon listing: Portable Space Heater, Brightown 1500W Personal Electric Heater with Timer <https://a.co/d/d1apo1B> first available Sep. 9, 2022 (Year: 2022).*

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Primary Examiner — Ania Aman

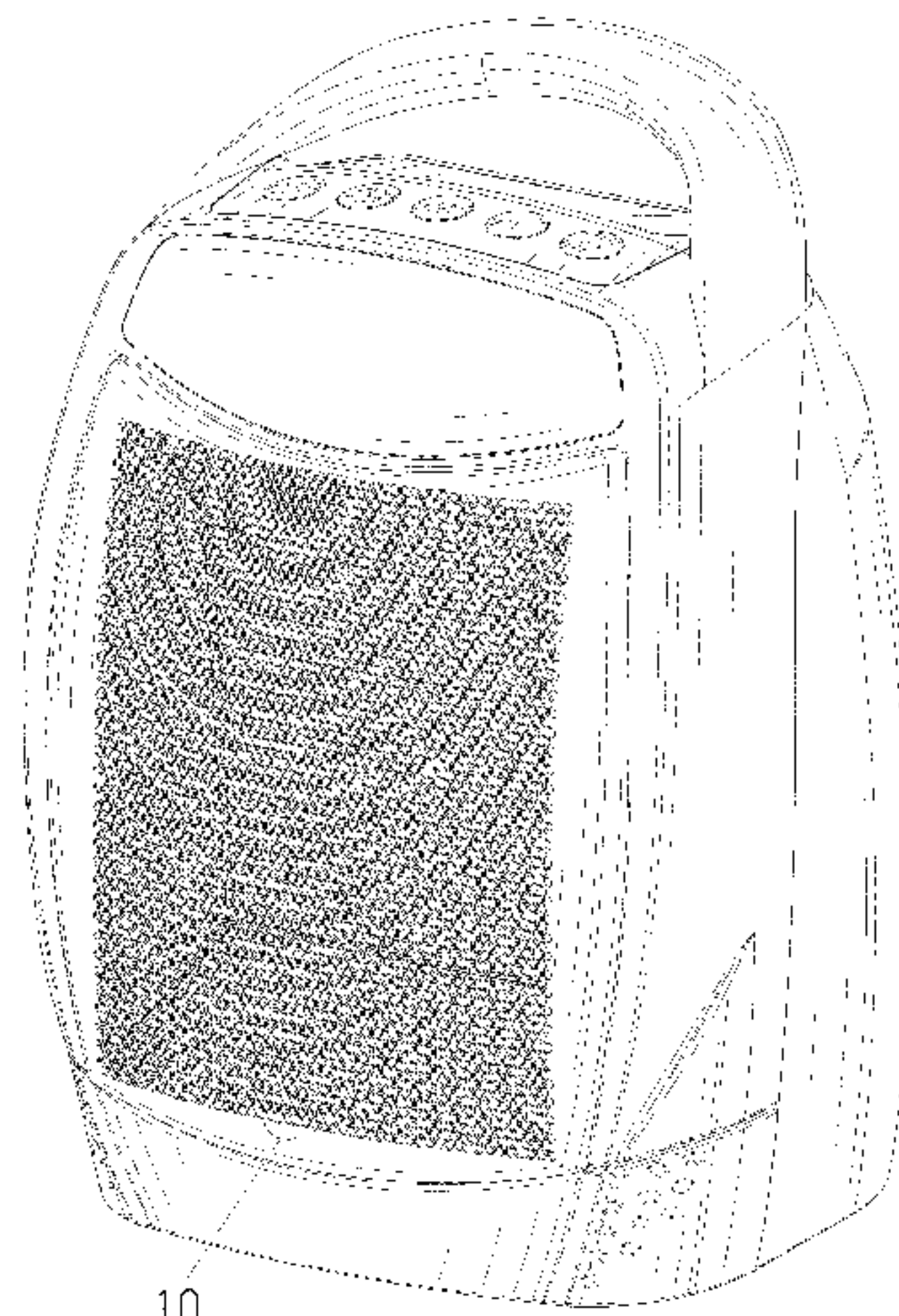
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a space heater showing my new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a perspective view of the space heater where the space heater is in a configuration of use;
FIG. 10 is an enlarged view of portion 10 shown in FIG. 1;
FIG. 11 is a perspective view of a second embodiment of the space heater;
FIG. 12 is another perspective view thereof;
FIG. 13 is a front elevational view thereof;
FIG. 14 is a rear elevational view thereof;
FIG. 15 is a left side elevational view thereof;
FIG. 16 is a right side elevational view thereof;
FIG. 17 is a top plan view thereof;
FIG. 18 is a bottom plan view thereof;
FIG. 19 is a perspective view of the space heater where the space heater is in a configuration of use; and,
FIG. 20 is an enlarged view of portion 20 shown in FIG. 11.
The dash-dash broken lines in the drawings depict portions of the space heater that form no part of the claimed design. The dot-dash broken lines represent boundaries of the enlarged portions and form no part of the claimed design.

1 Claim, 20 Drawing Sheets



(56)

References Cited

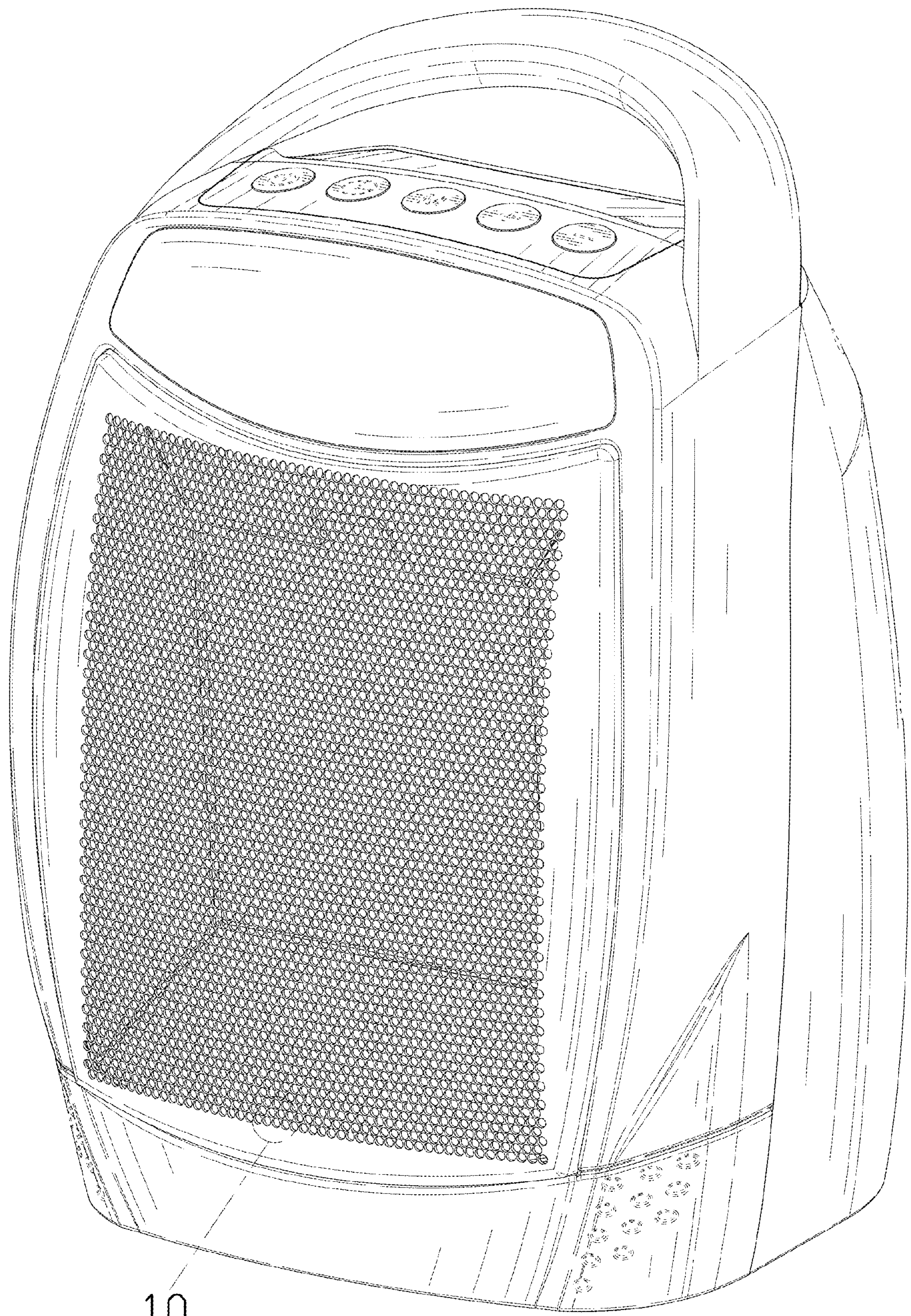
U.S. PATENT DOCUMENTS

D579,535 S 10/2008 Hsu
D601,234 S * 9/2009 Lee D23/314
D604,814 S * 11/2009 Lee D23/314
D896,937 S 9/2020 Yang

OTHER PUBLICATIONS

Amazon Listing; GiveBest Space Heater <https://a.co/d/934McLO>
First available date Aug. 22, 2022 (Year: 2022).*

* cited by examiner



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FIG. 1

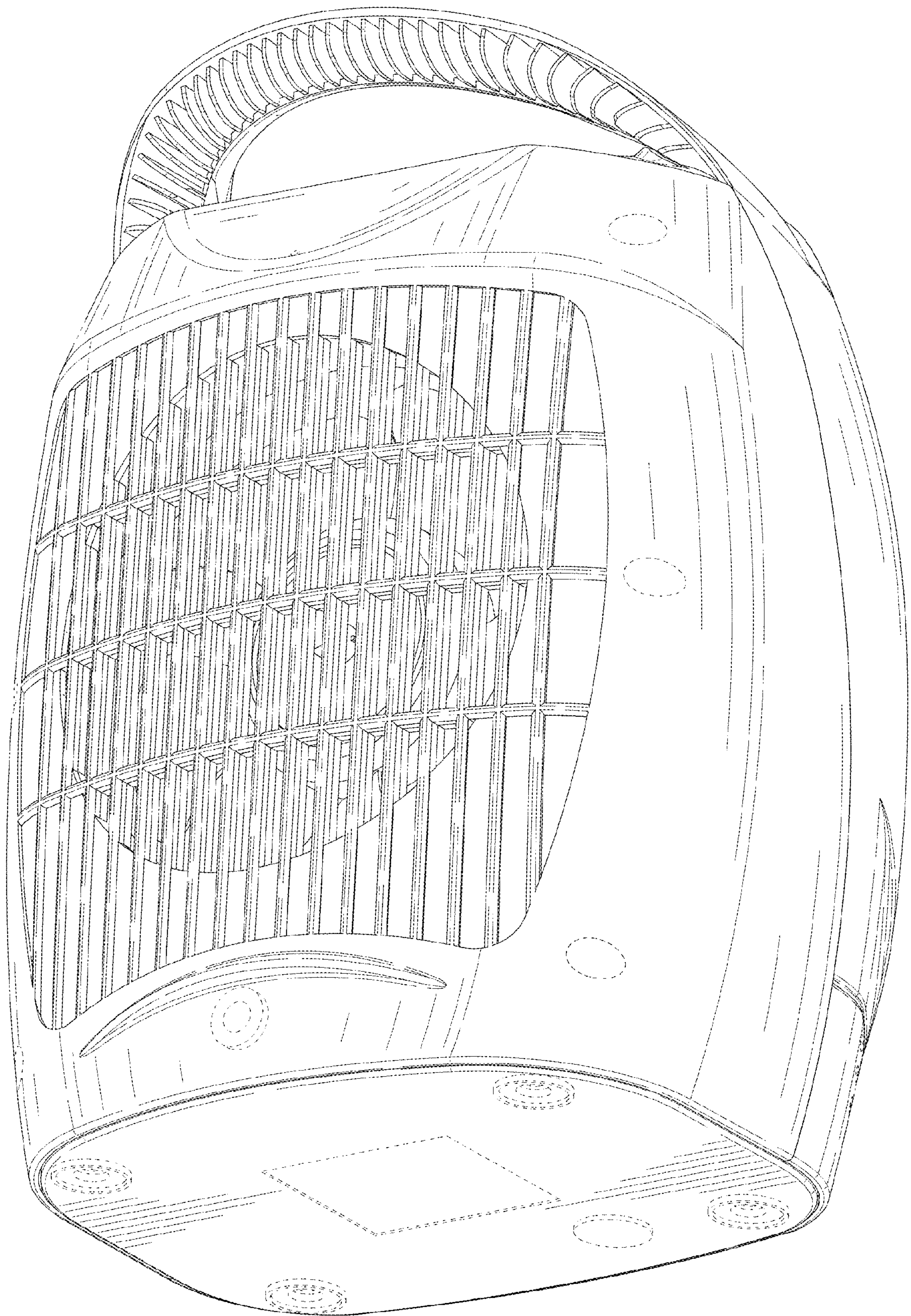


FIG. 2

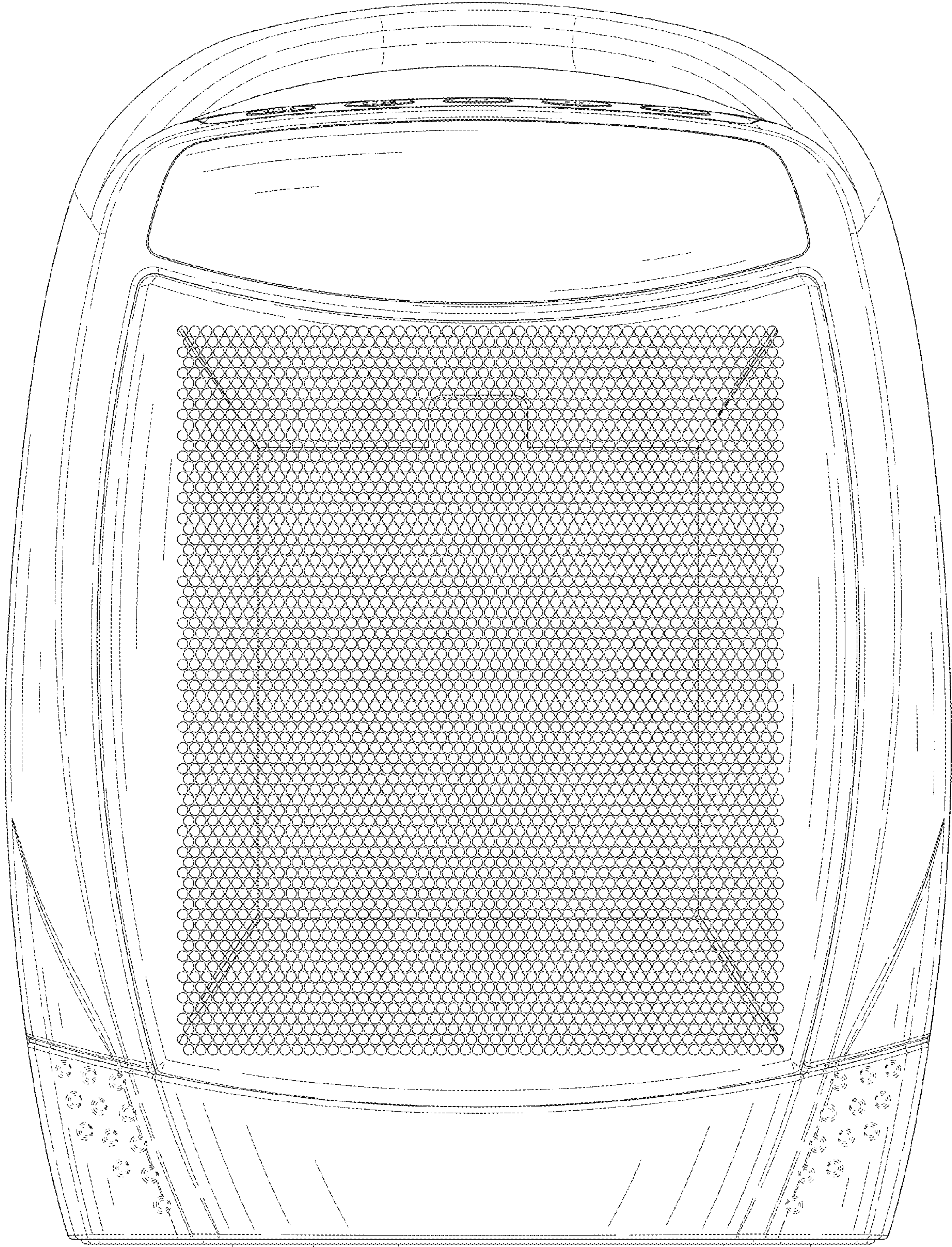


FIG. 3

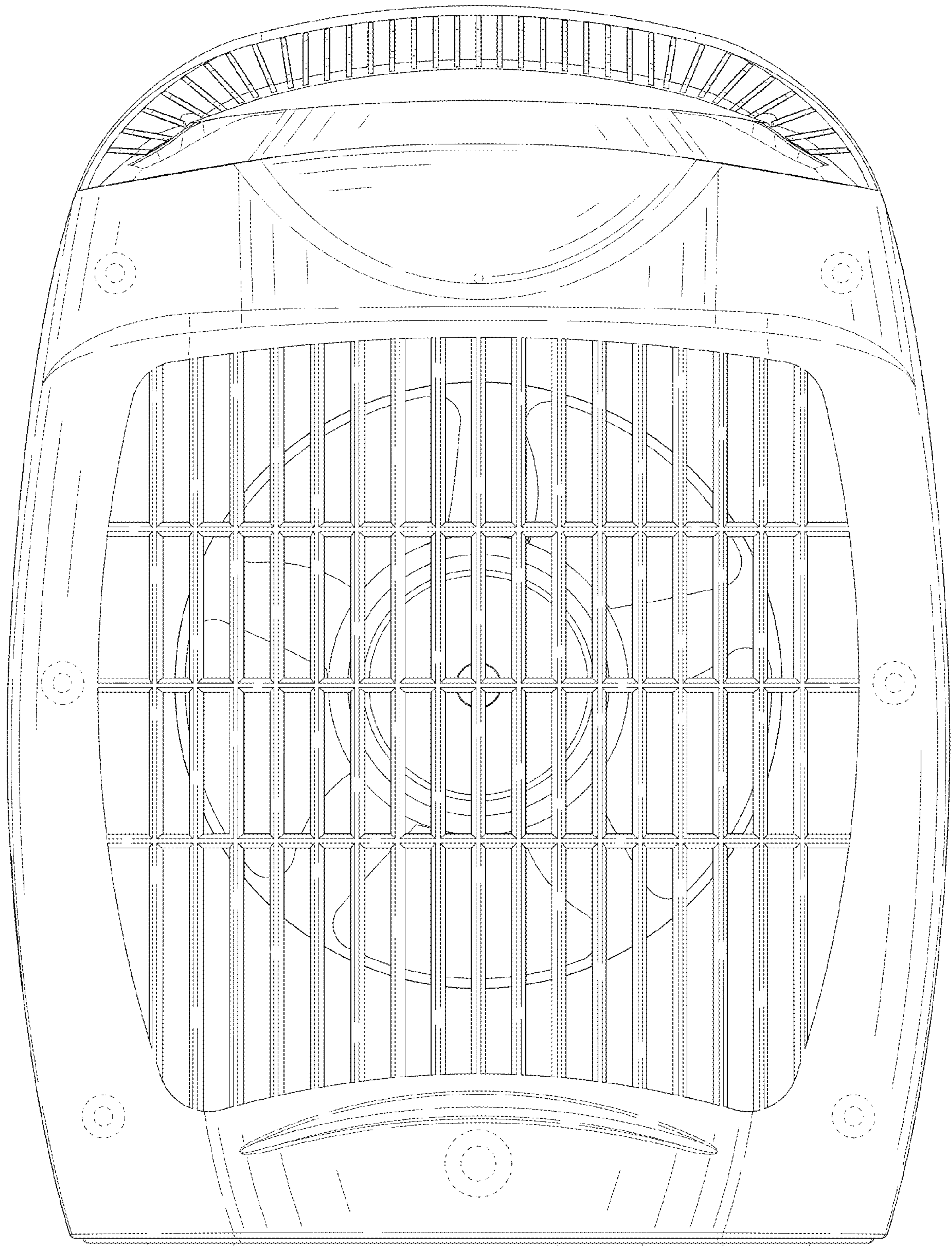


FIG. 4

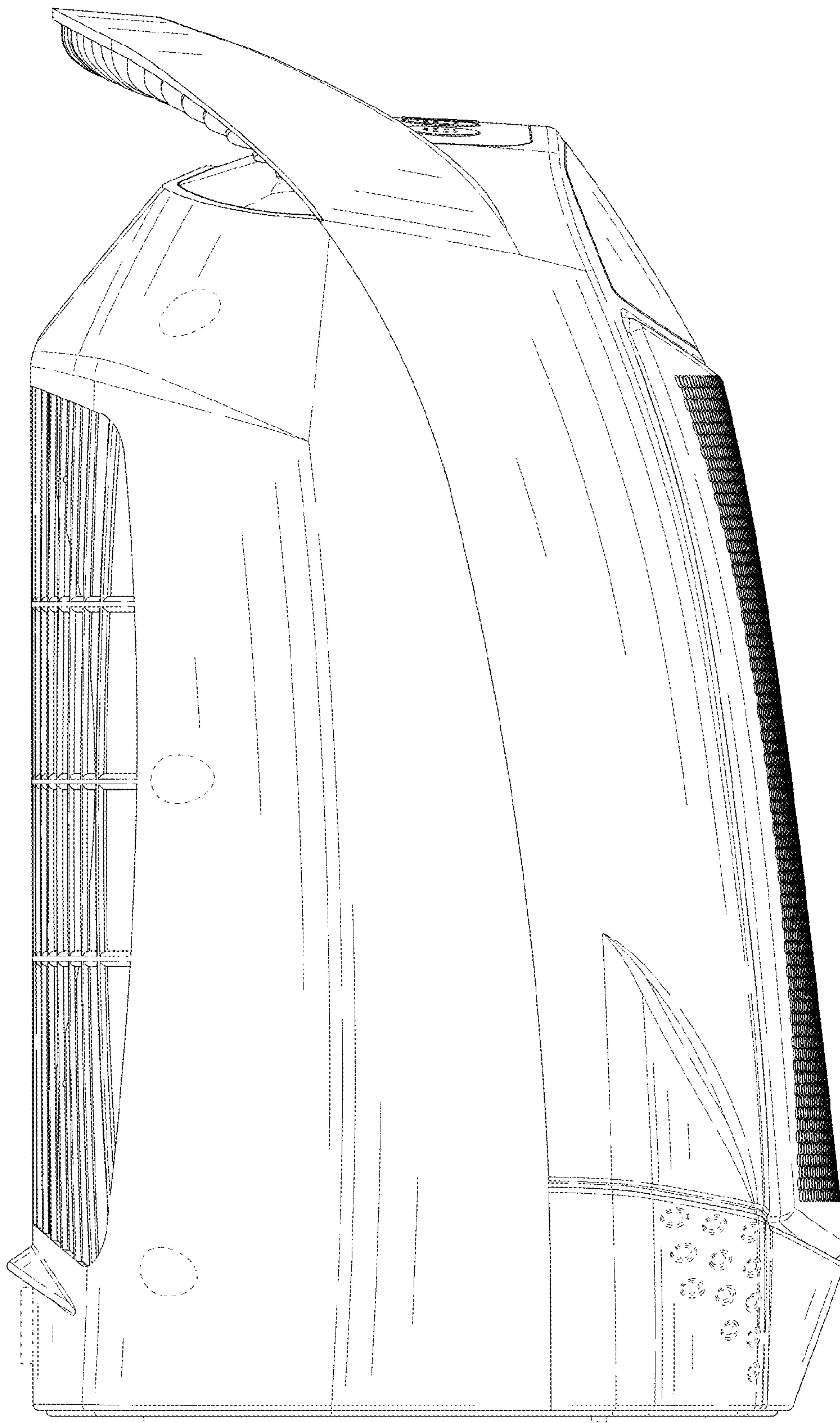


FIG. 5

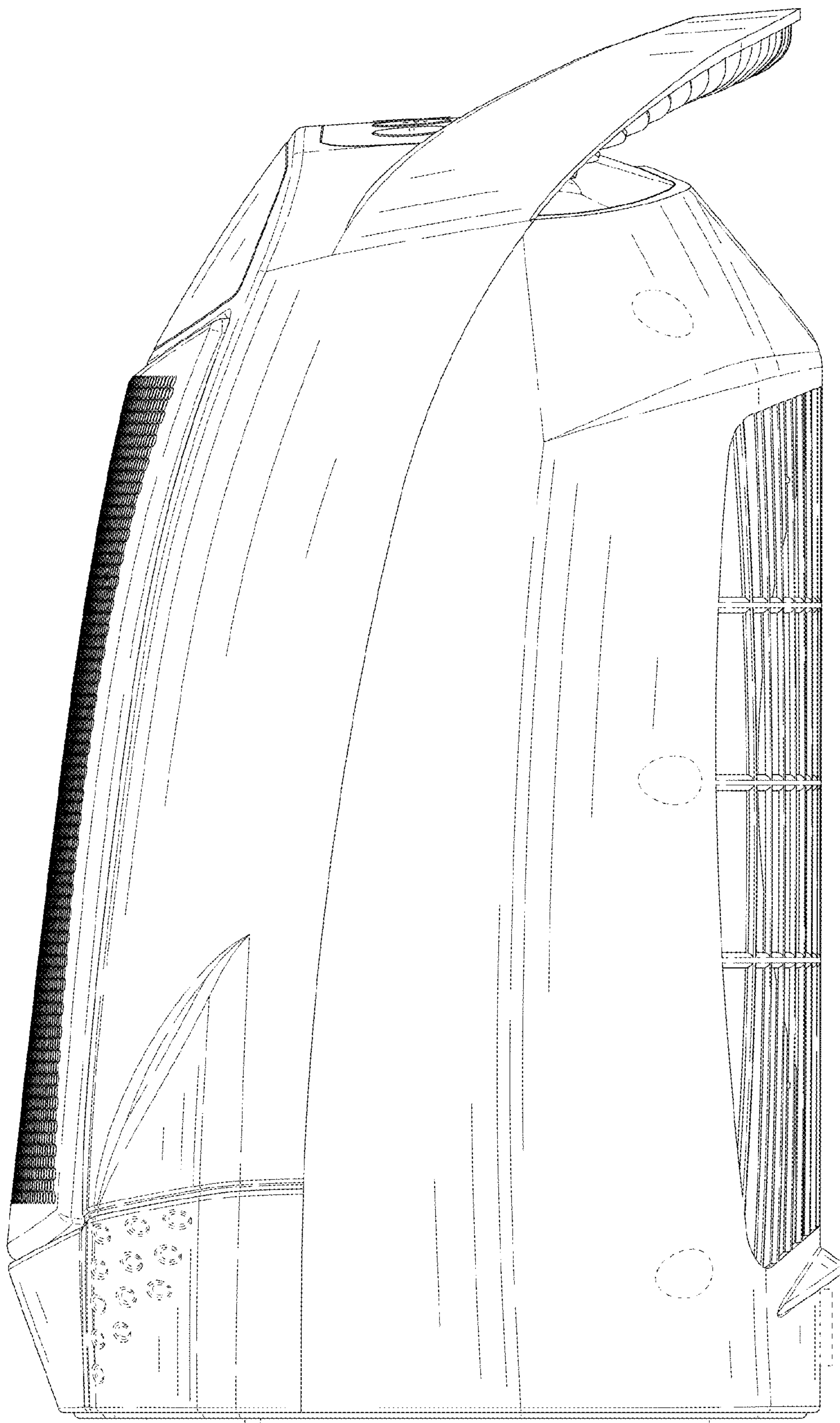


FIG. 6

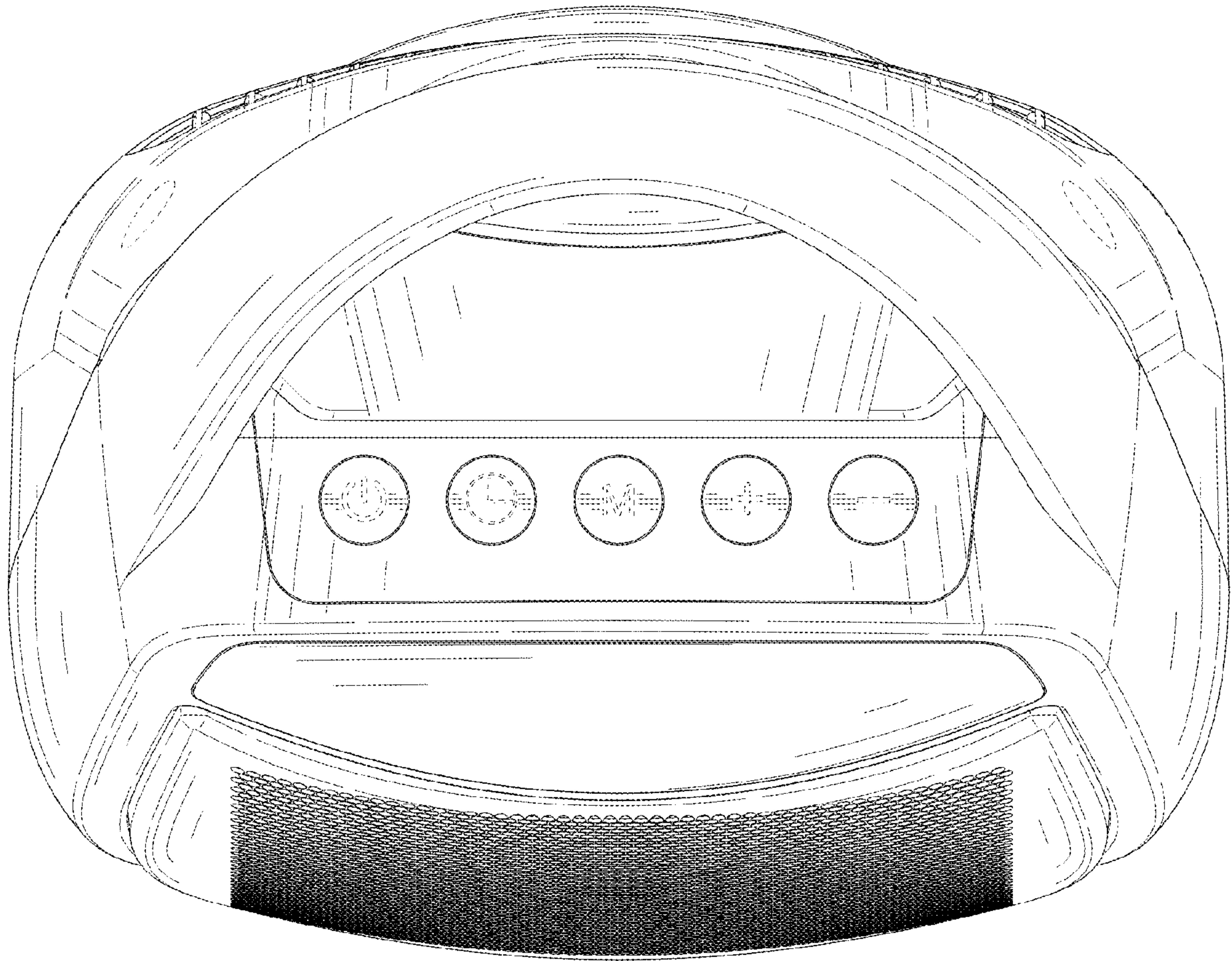


FIG. 7

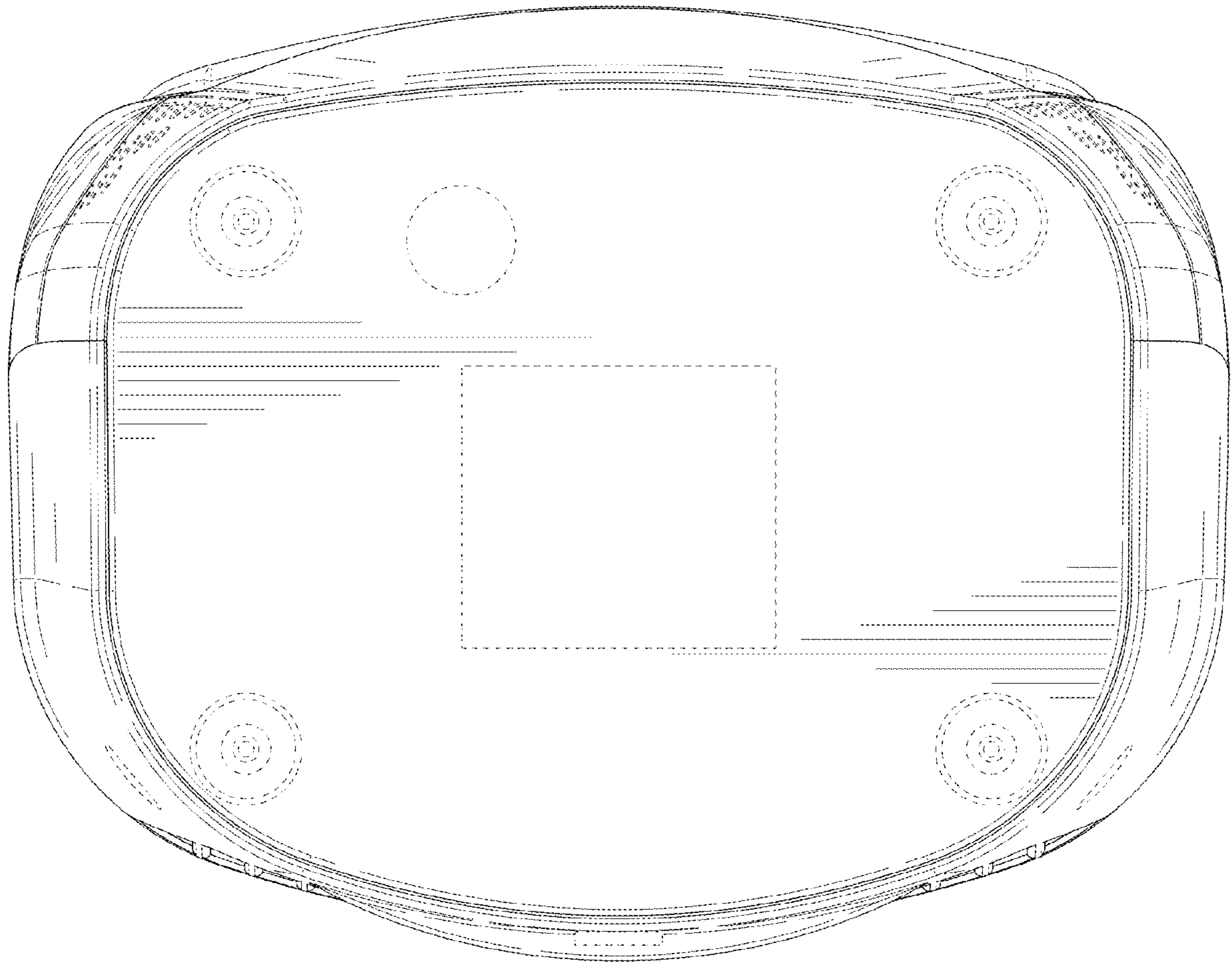


FIG. 8

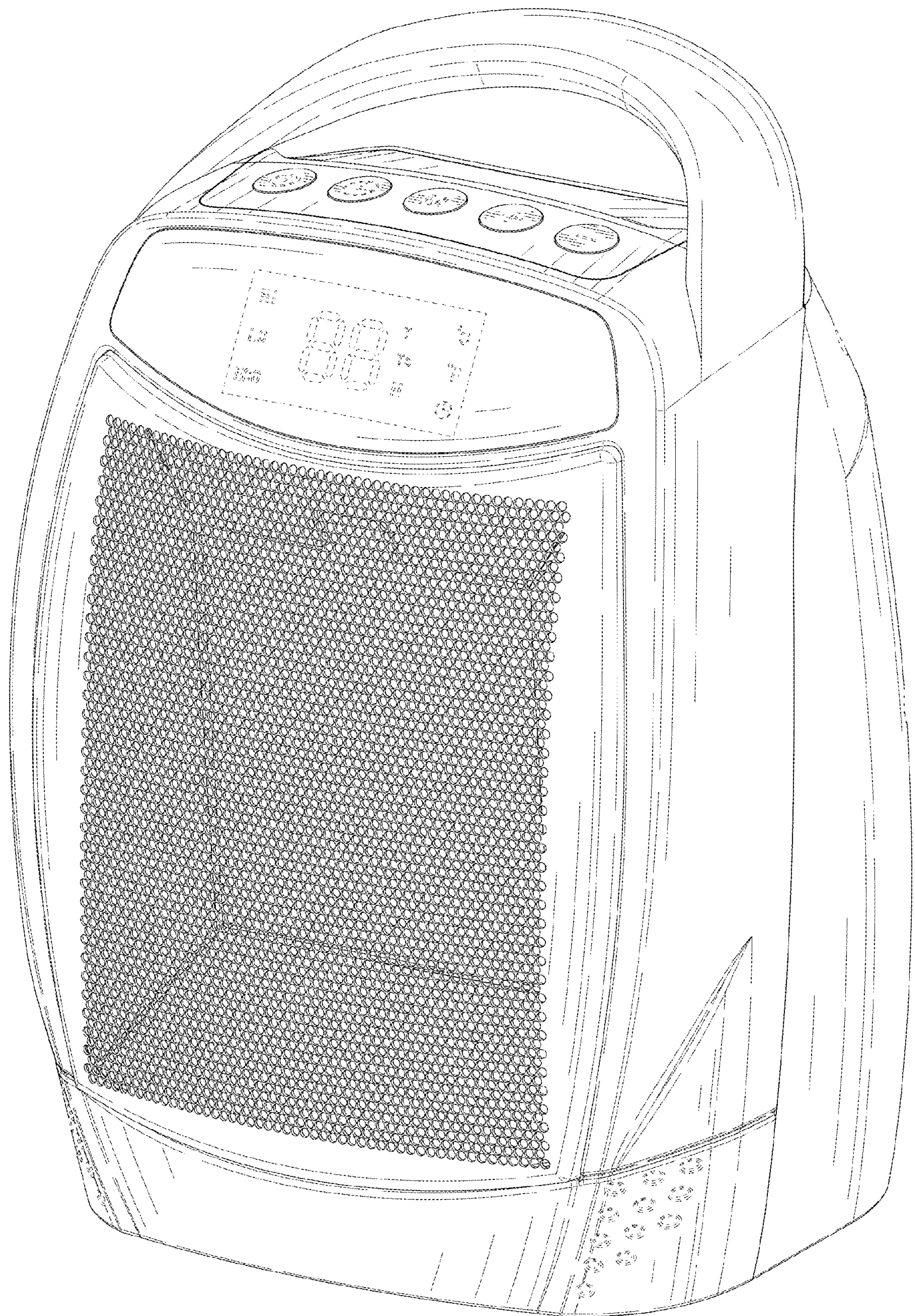


FIG. 9

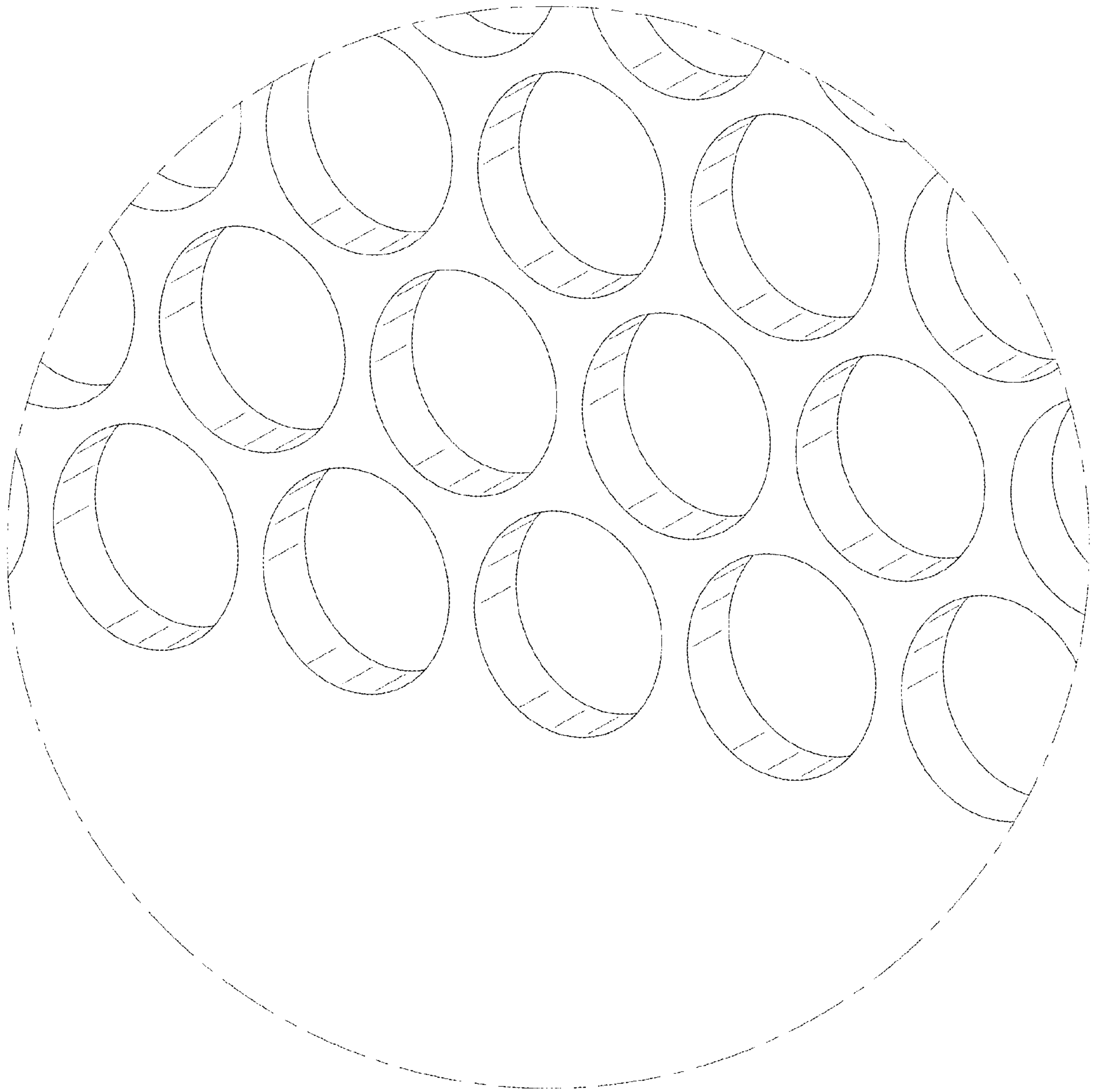
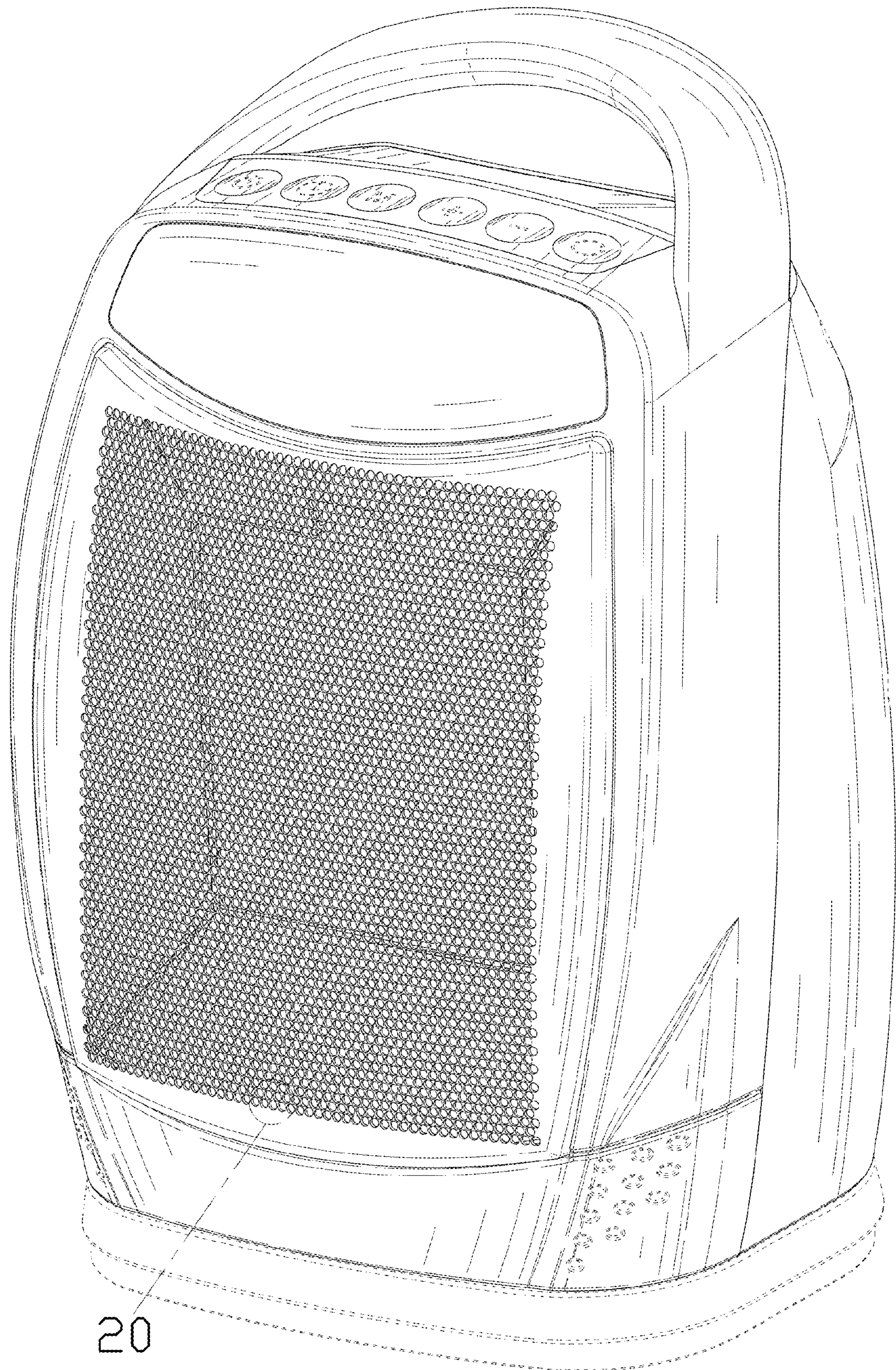


FIG. 10



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FIG. 11

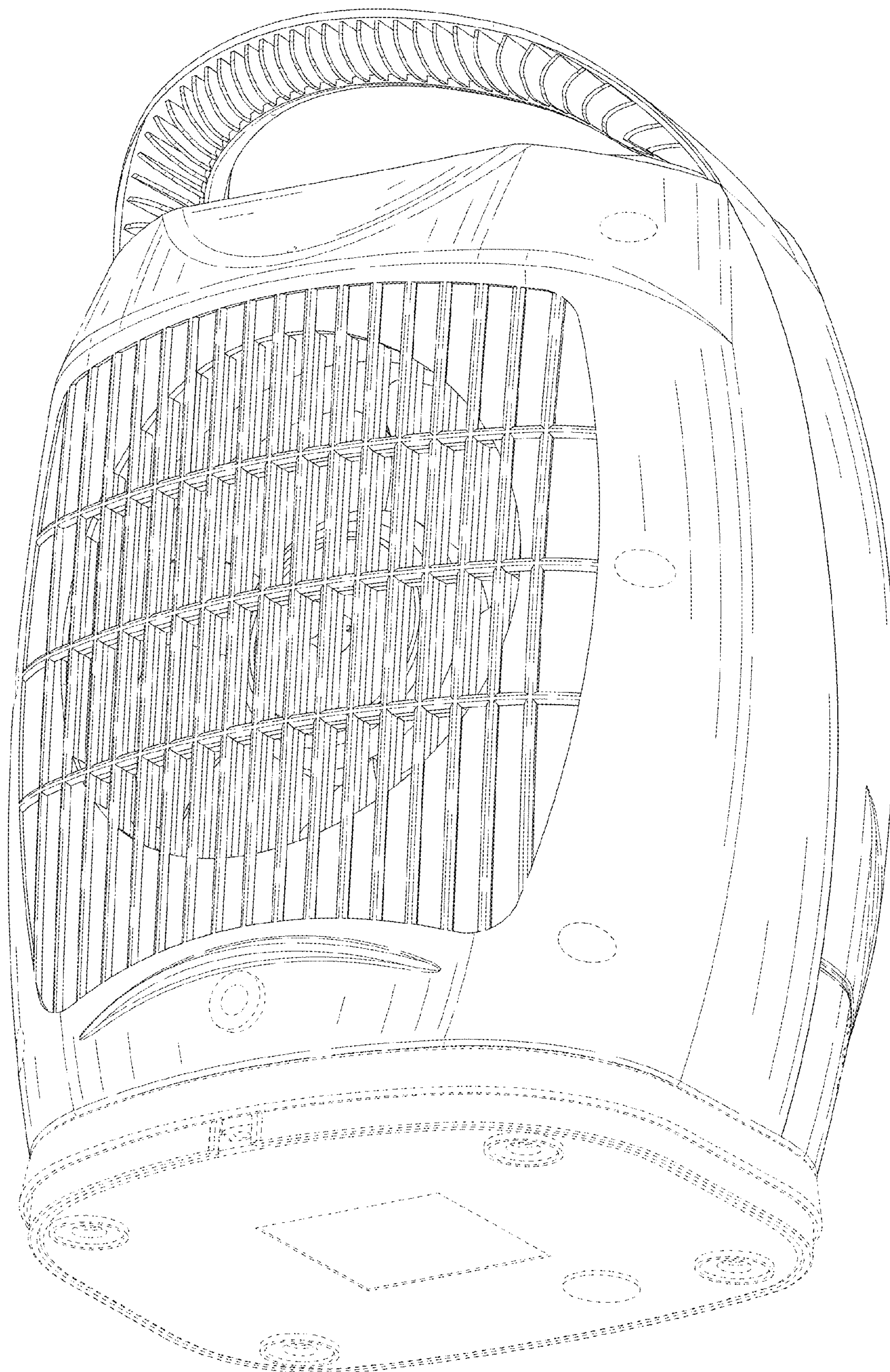


FIG. 12

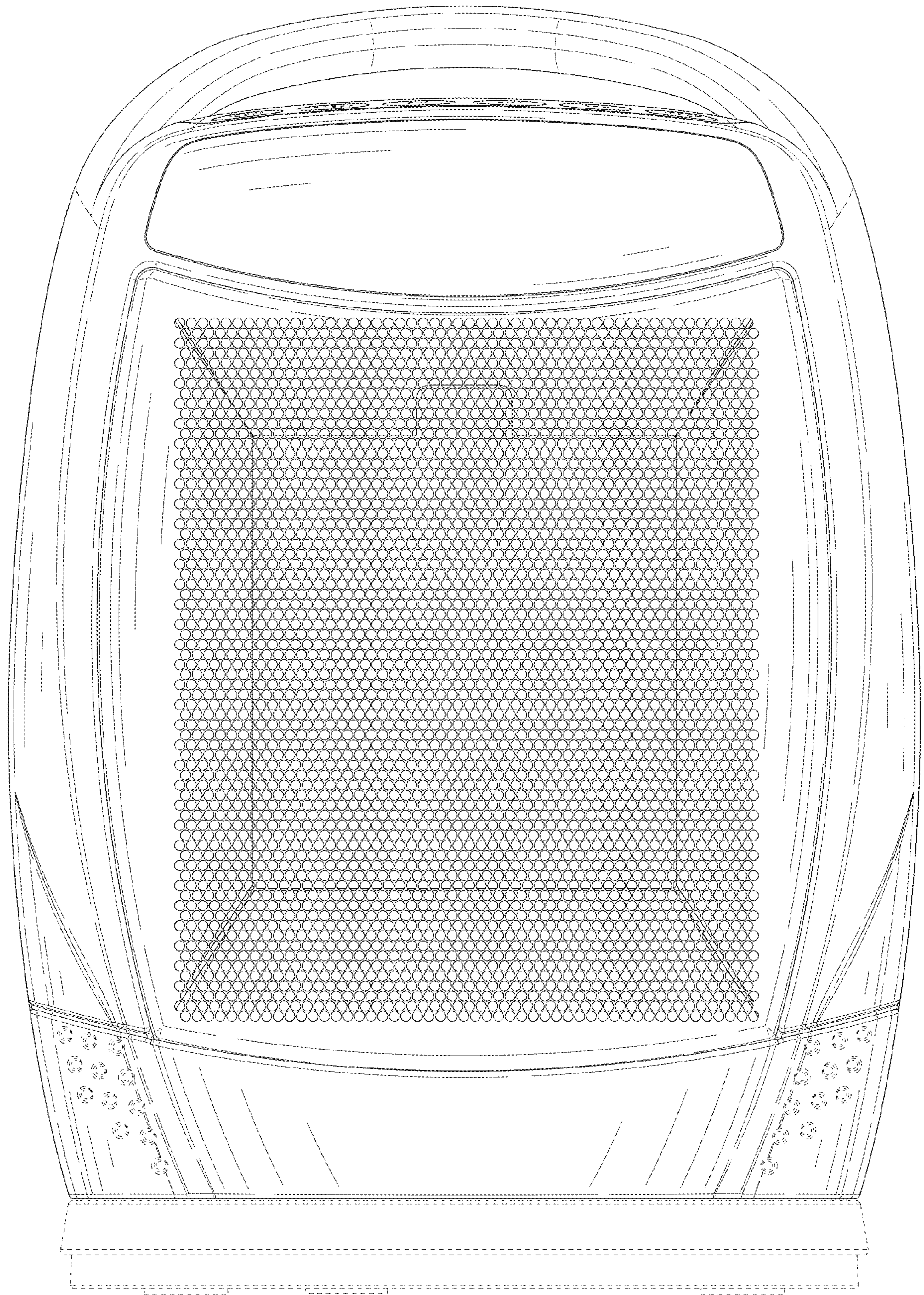


FIG. 13

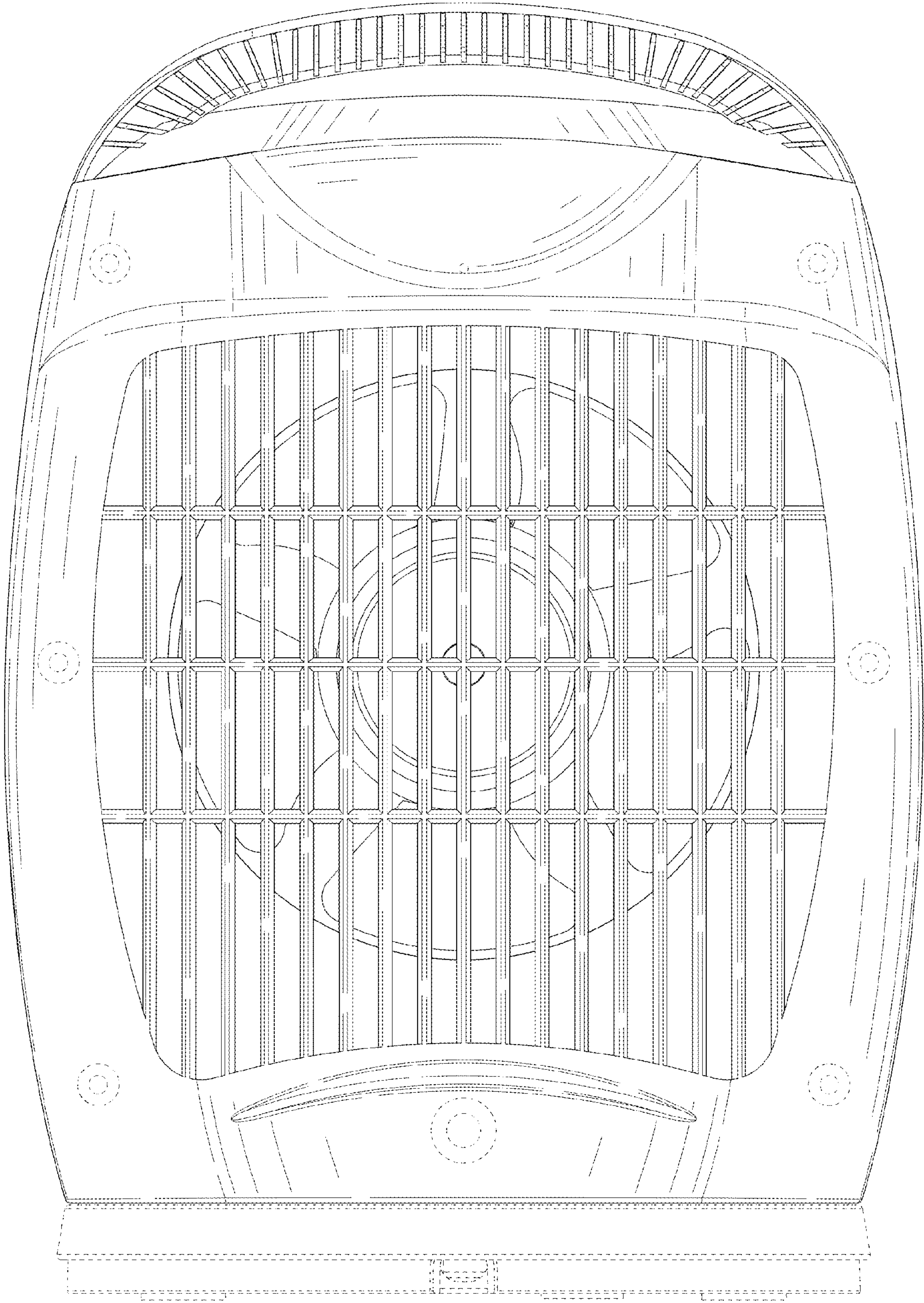


FIG. 14

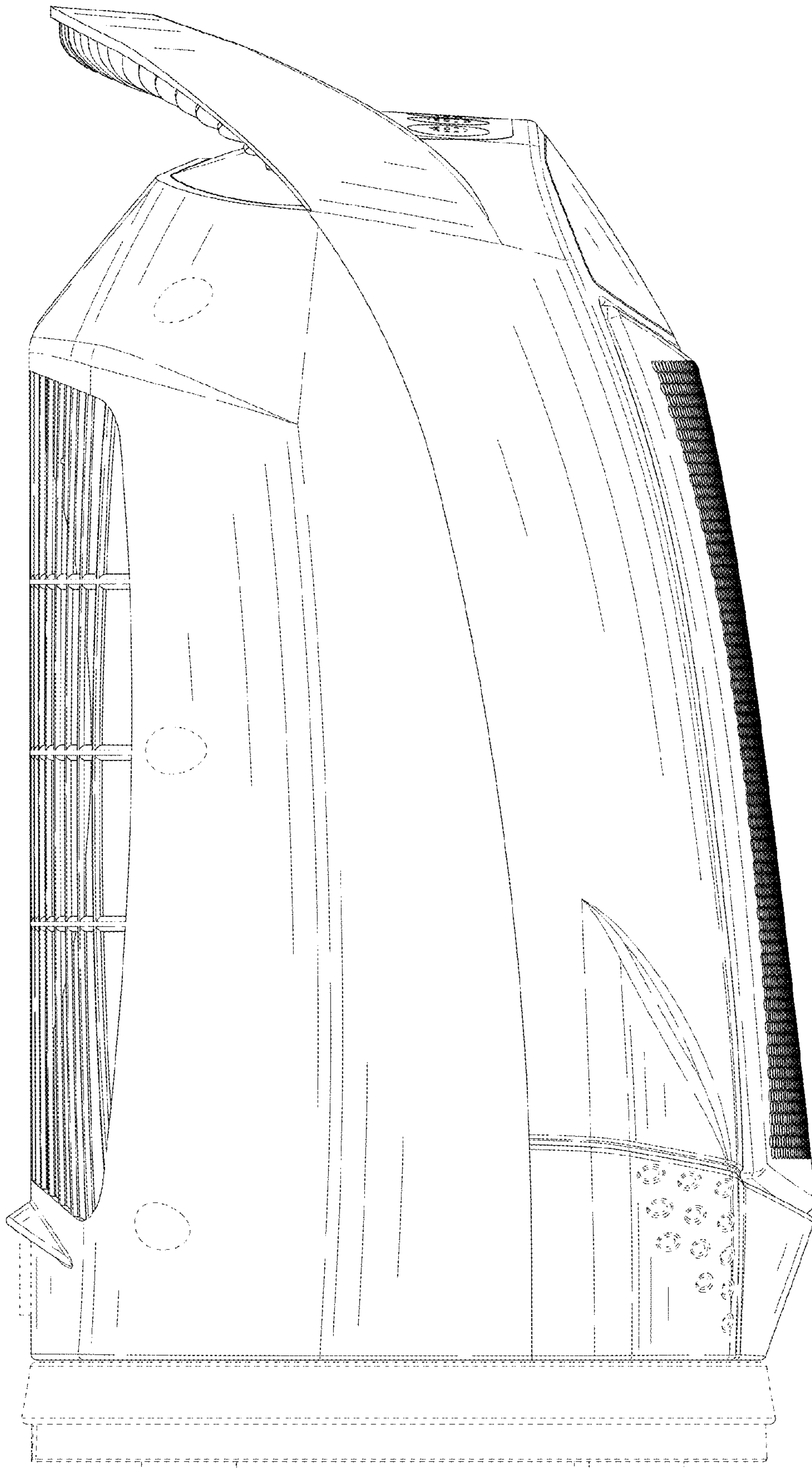


FIG. 15

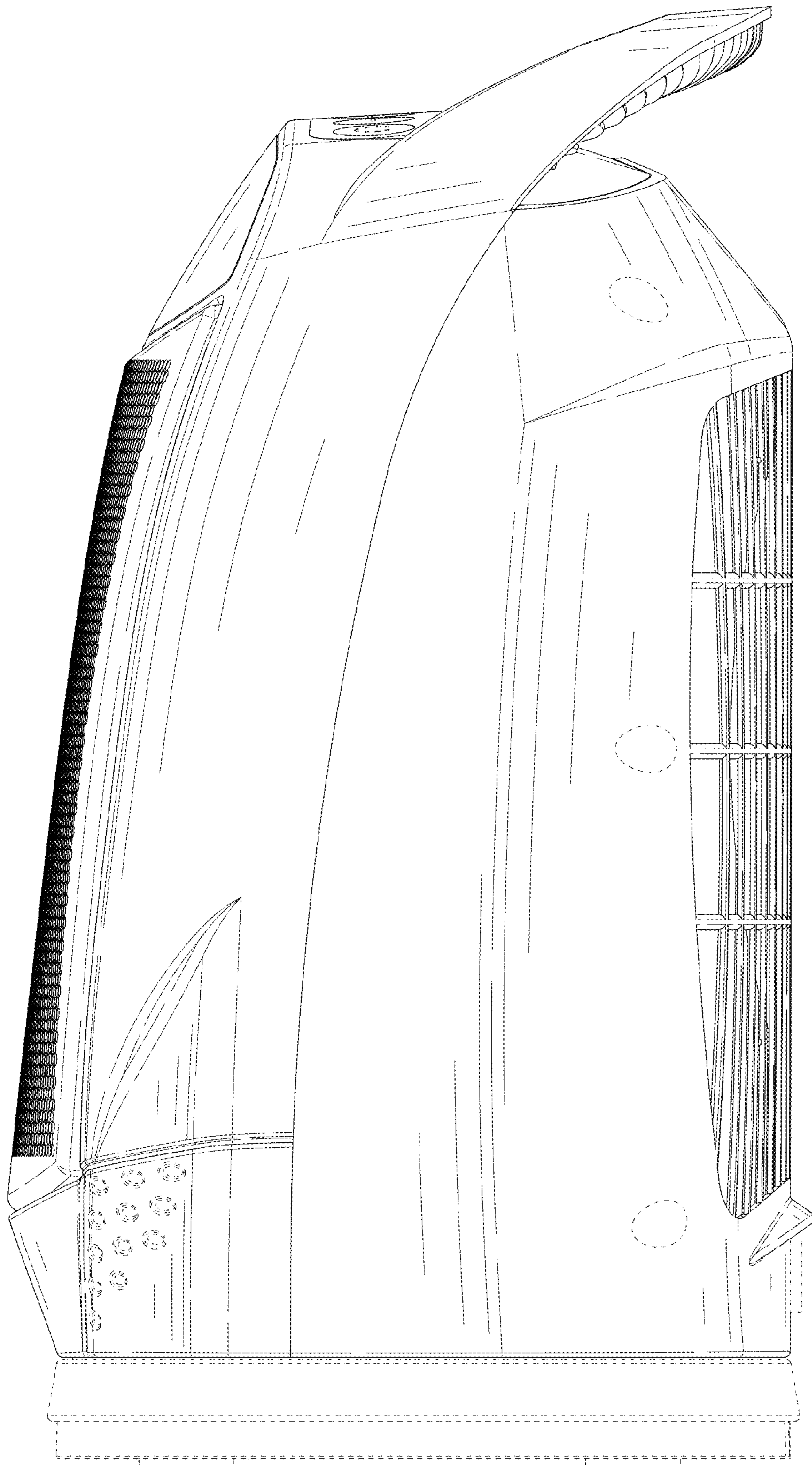


FIG. 16

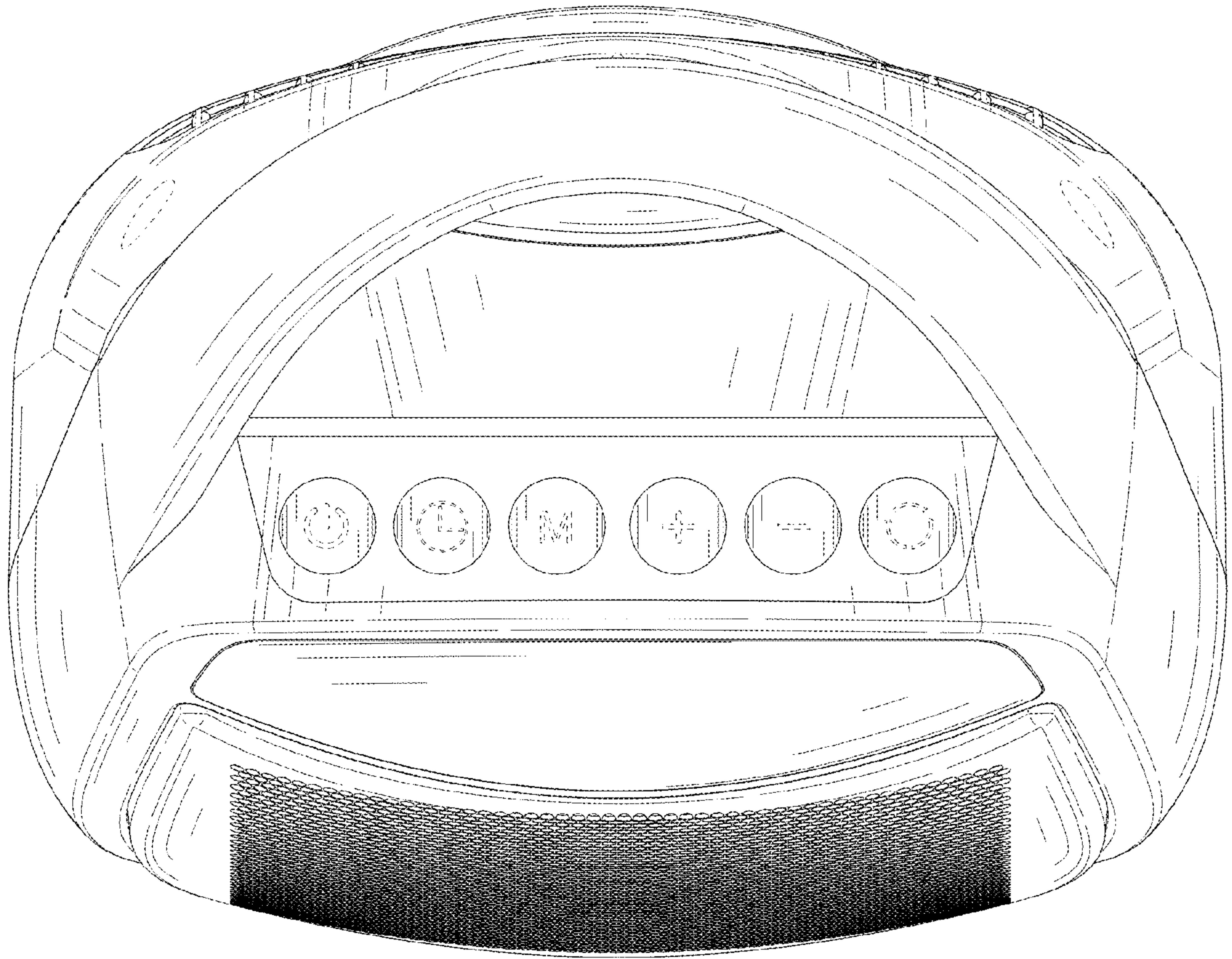


FIG. 17

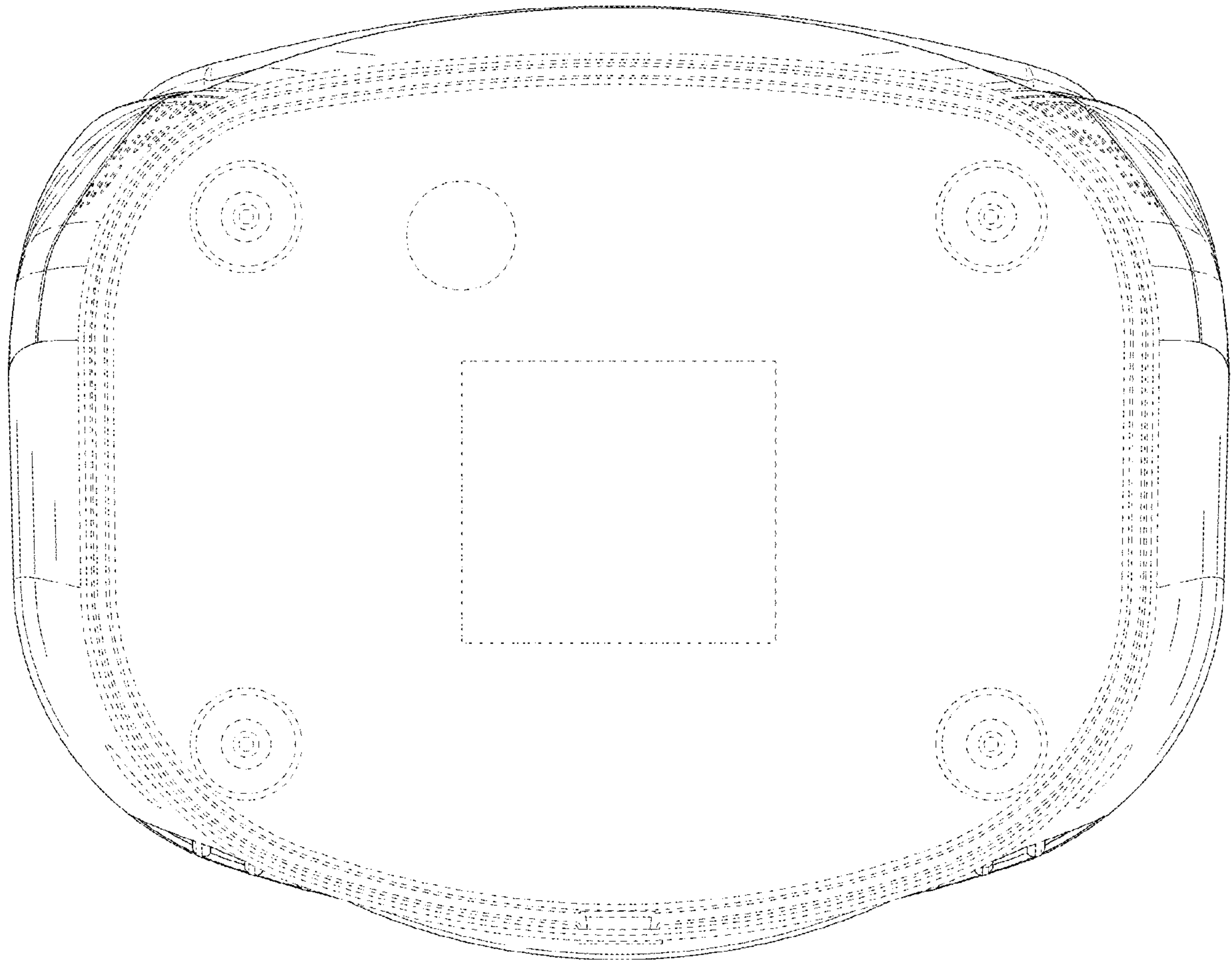


FIG. 18

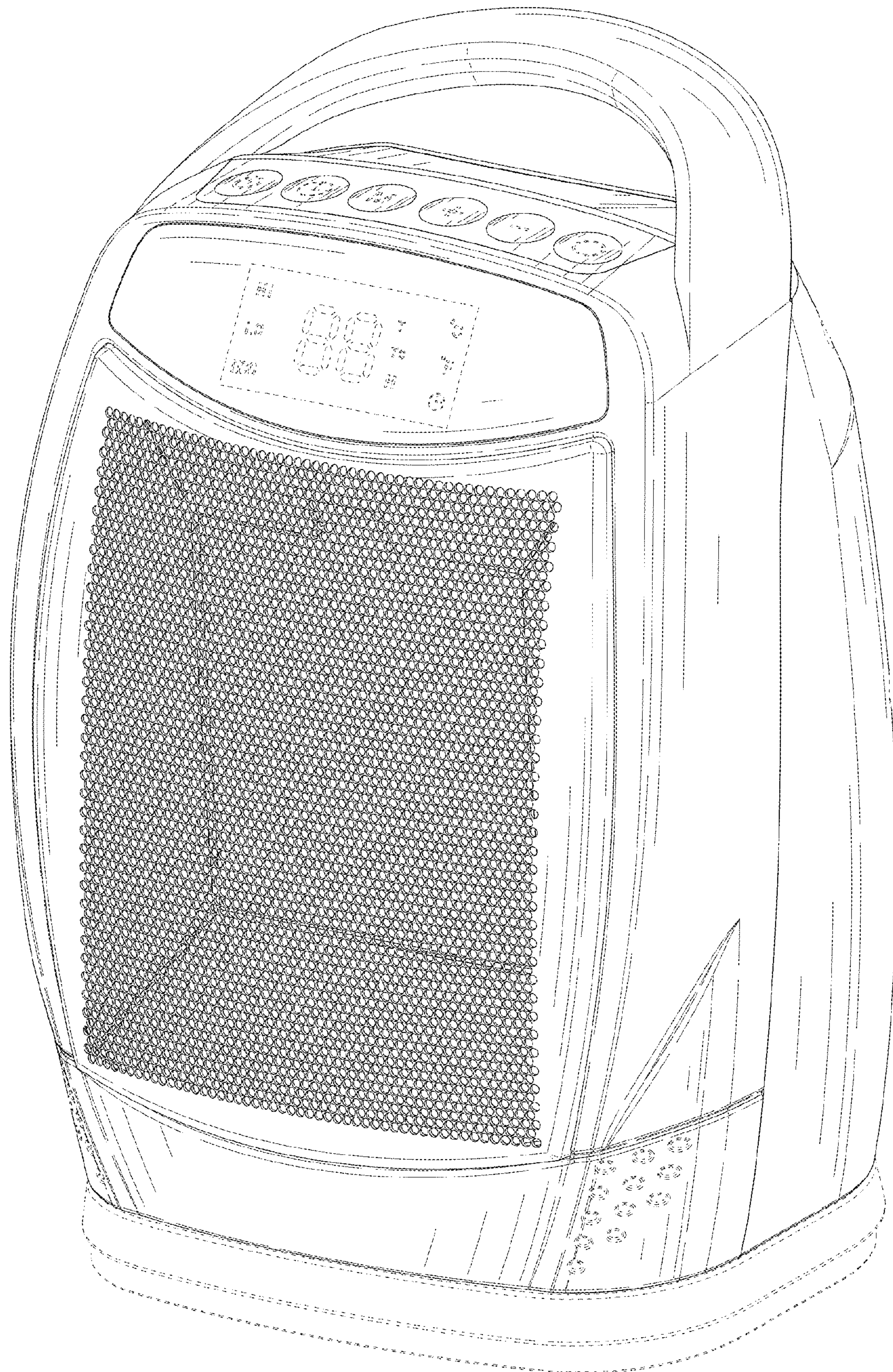


FIG. 19

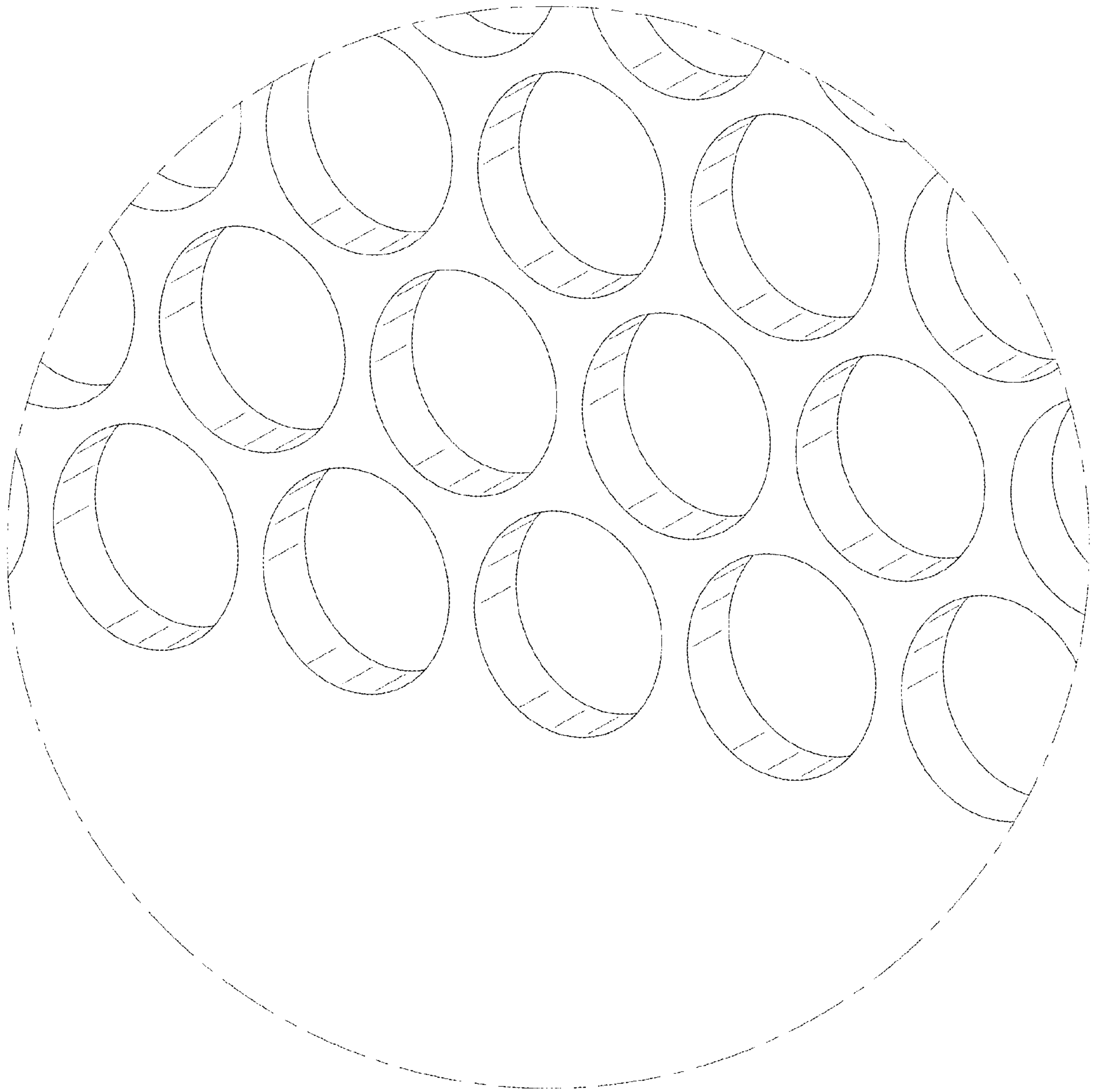


FIG. 20