



US00D945587S

(12) **United States Design Patent** (10) **Patent No.:** **US D945,587 S**  
**Yan** (45) **Date of Patent:** **\*\* Mar. 8, 2022**

(54) **AIR PURIFIER**

(71) Applicant: **Shenzhen Puremate Technology Co., Ltd.**, Shenzhen (CN)

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(73) Assignee: **Shenzhen Puremate Technology Co., Ltd.**, Shenzhen (CN)

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

(21) Appl. No.: **29/758,915**

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(30) **Foreign Application Priority Data**

Sep. 28, 2020 (CN) ..... 202030584782.4

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

(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/356, 359, 364-365, 378, 499  
(Continued)

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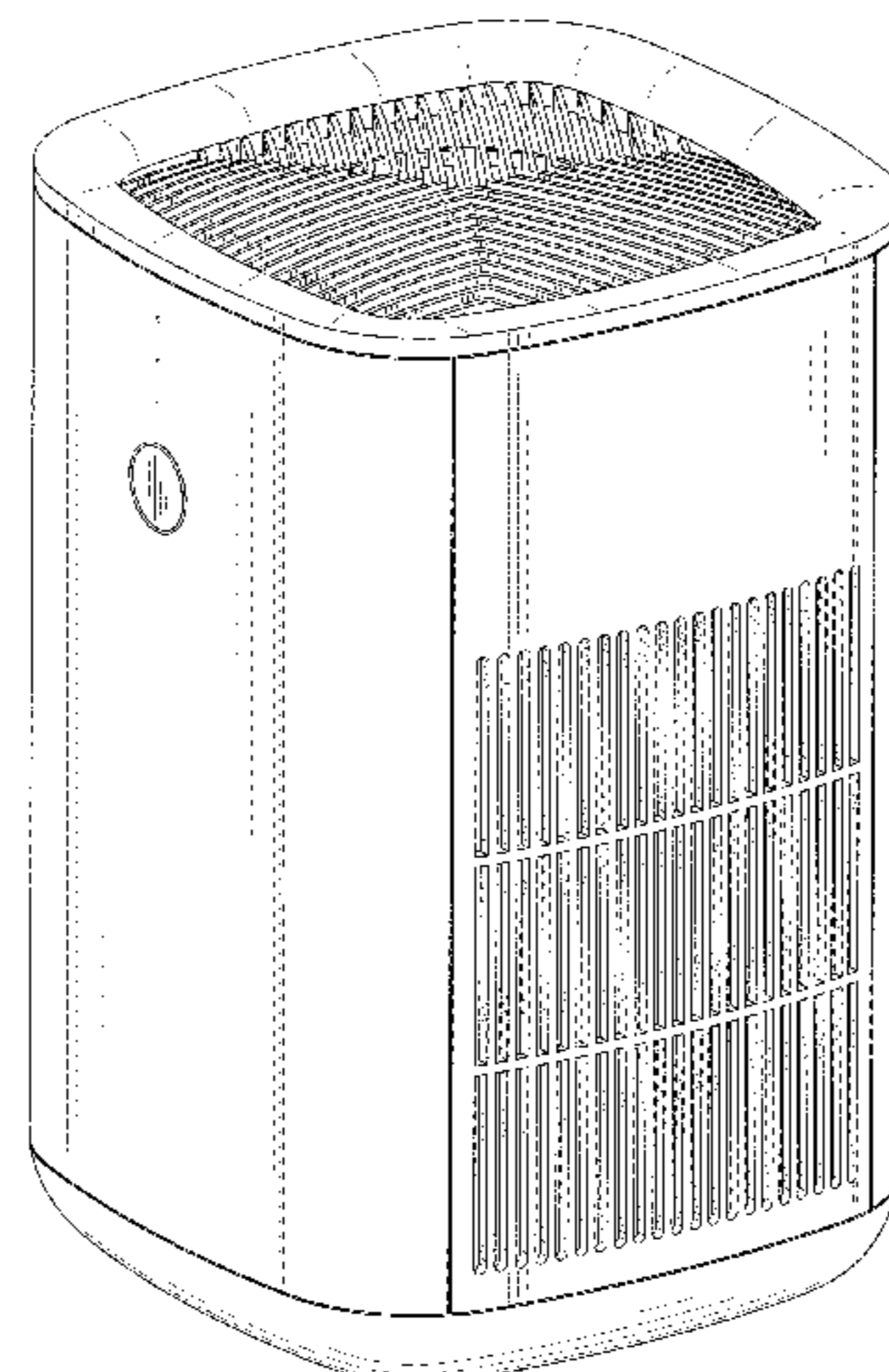
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of an air purifier showing my new design according to a first embodiment; FIG. 2 is a rear perspective view thereof; FIG. 3 is another front perspective view thereof; FIG. 4 is a front elevational view thereof; FIG. 5 is a rear elevational view thereof; FIG. 6 is a left side elevational view thereof; FIG. 7 is a right side elevational view thereof; FIG. 8 is a top plan view thereof; FIG. 9 is a bottom plan view thereof; FIG. 10 is a front perspective view of an air purifier showing my new design according to a second embodiment; FIG. 11 is a rear perspective view of FIG. 10; FIG. 12 is a front elevational view of FIG. 10; FIG. 13 is a rear elevational view of FIG. 10; FIG. 14 is a left side elevational view of FIG. 10; FIG. 15 is a right side elevational view of FIG. 10; FIG. 16 is a top plan view of FIG. 10; FIG. 17 is a bottom plan view of FIG. 10; FIG. 18 is a front perspective view of an air purifier showing my new design according to a third embodiment; FIG. 19 is a rear perspective view of FIG. 18; FIG. 20 is a front elevational view of FIG. 18; FIG. 21 is a rear elevational view of FIG. 18; FIG. 22 is a left side elevational view of FIG. 18; FIG. 23 is a right side elevational view of FIG. 18; FIG. 24 is a top plan view of FIG. 18; and, FIG. 25 is a bottom plan view of FIG. 18. The broken lines in the drawings illustrate the portions of the air purifier which form no part of the claimed design.

**1 Claim, 25 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... F24F 1/029; F24F 1/035; F24F 1/0287;  
F24F 6/14; B05B 17/06

See application file for complete search history.

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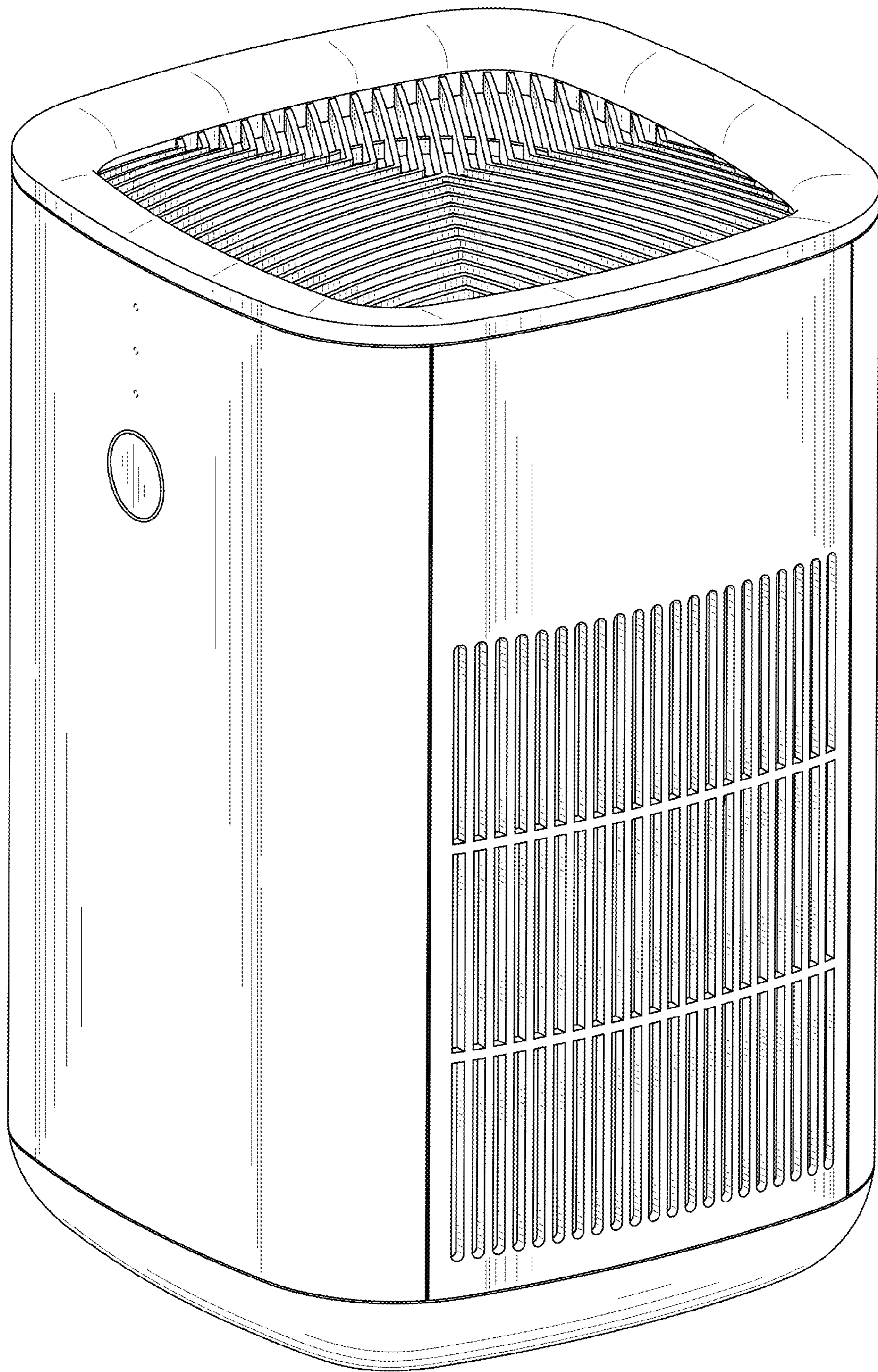


FIG. 1

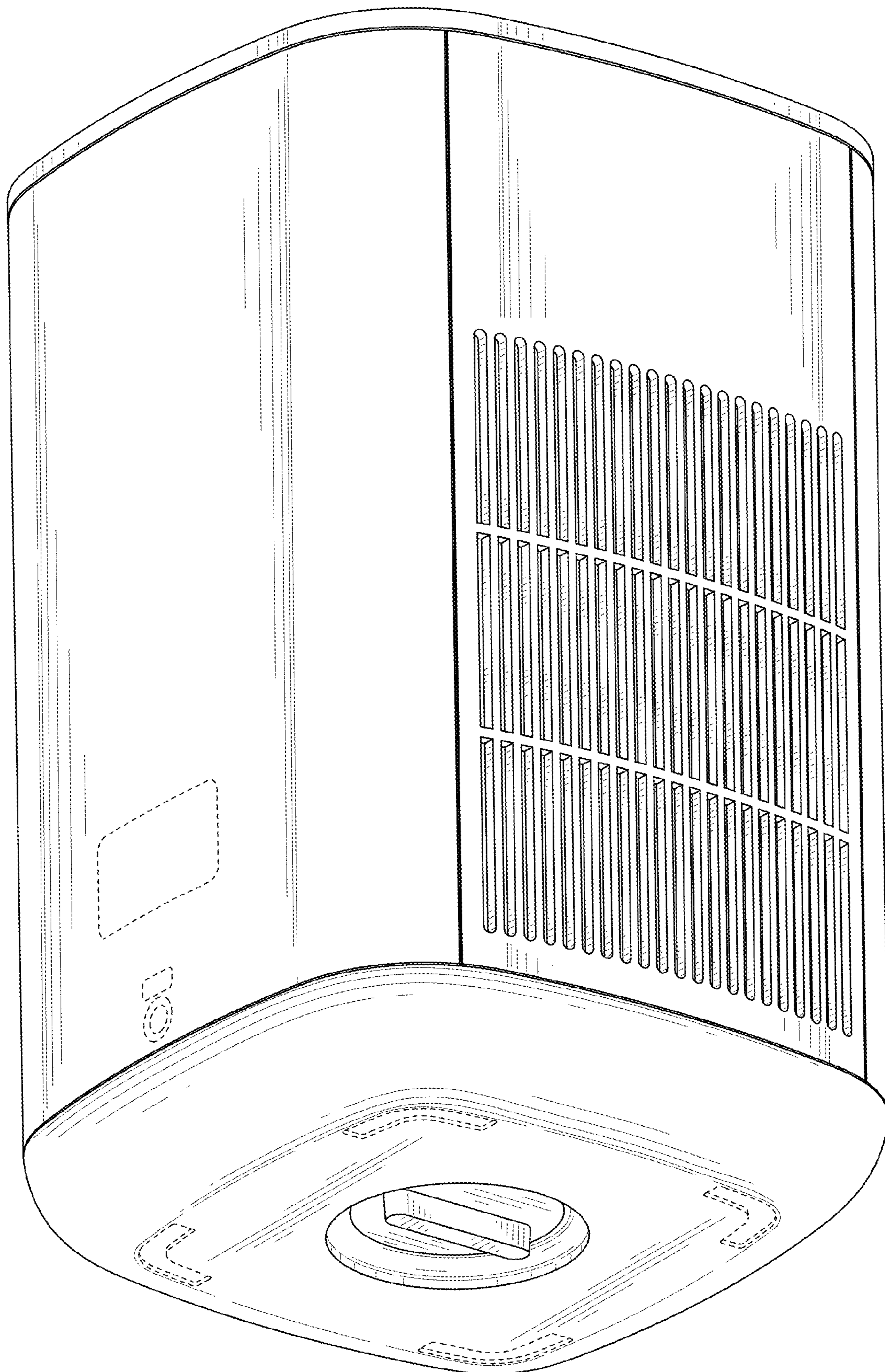


FIG. 2

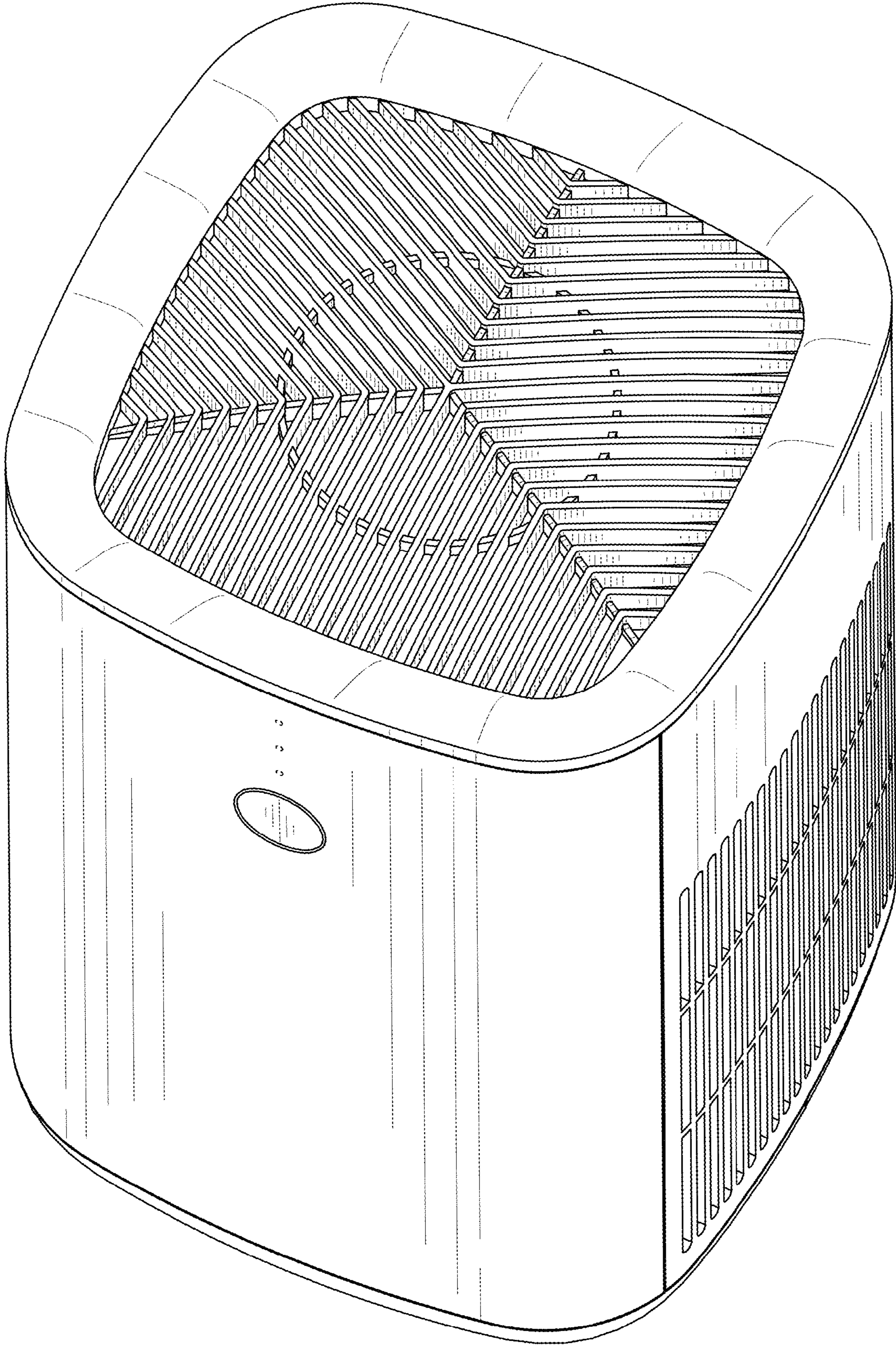


FIG. 3

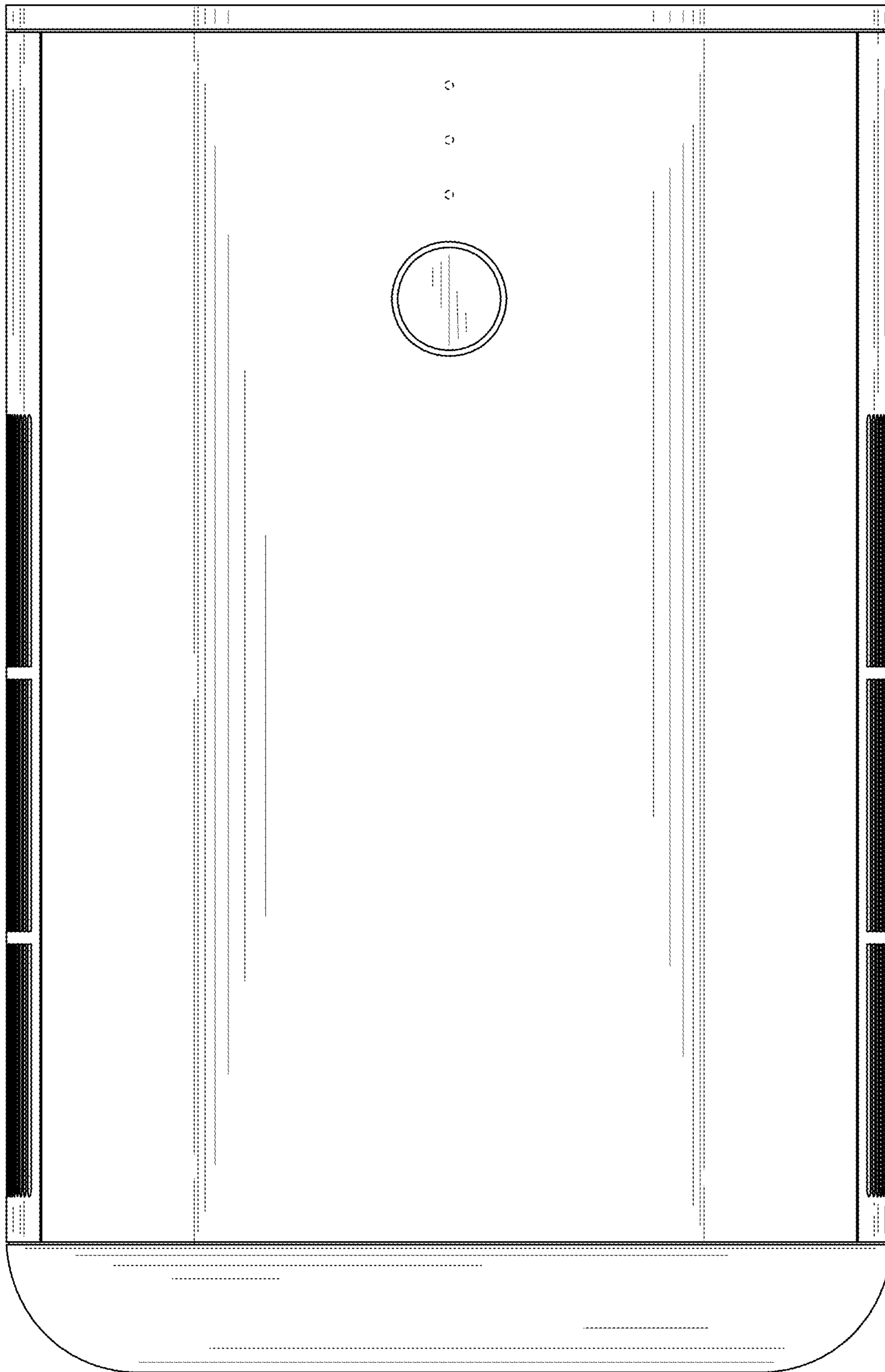


FIG. 4

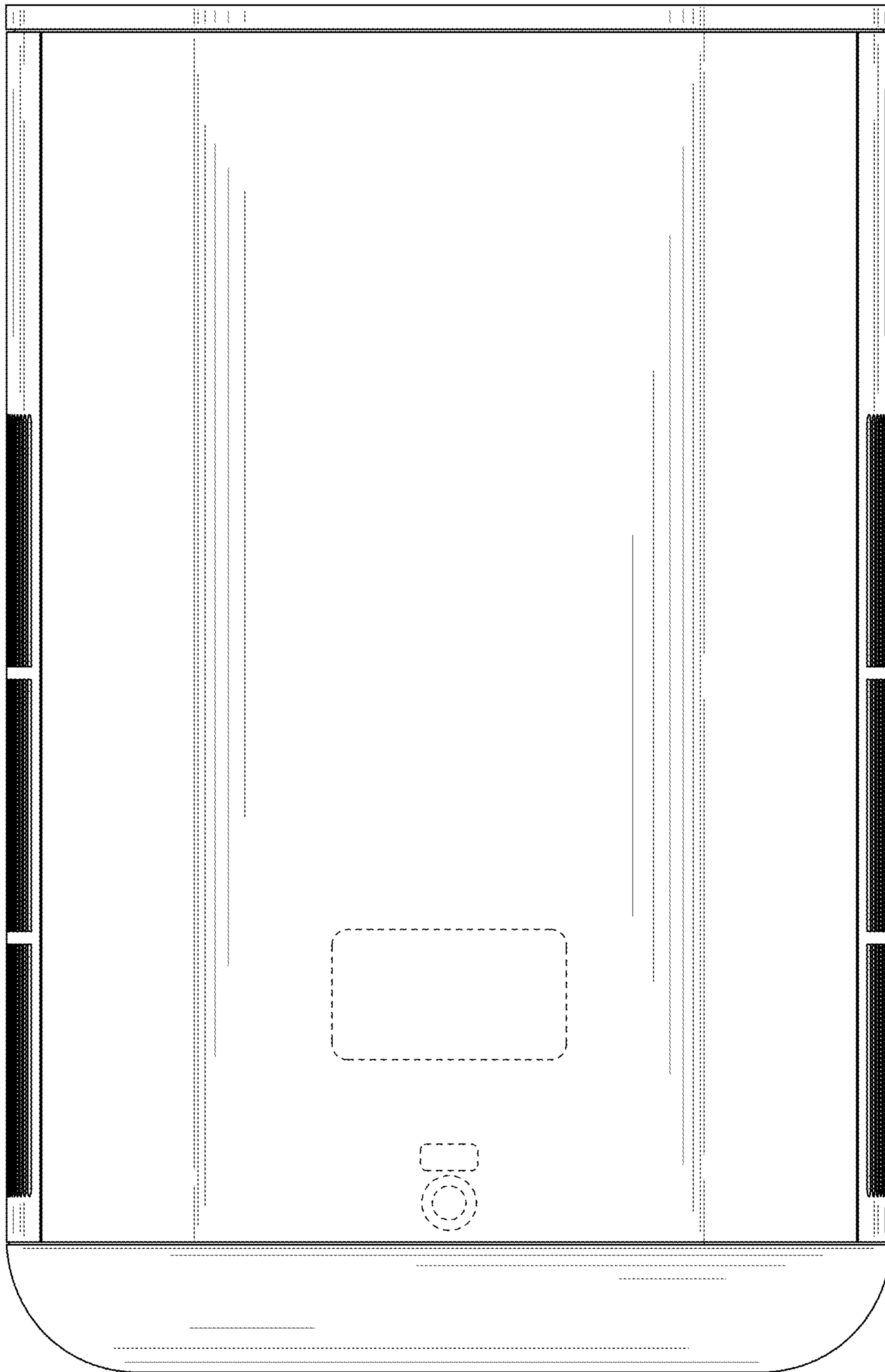


FIG. 5

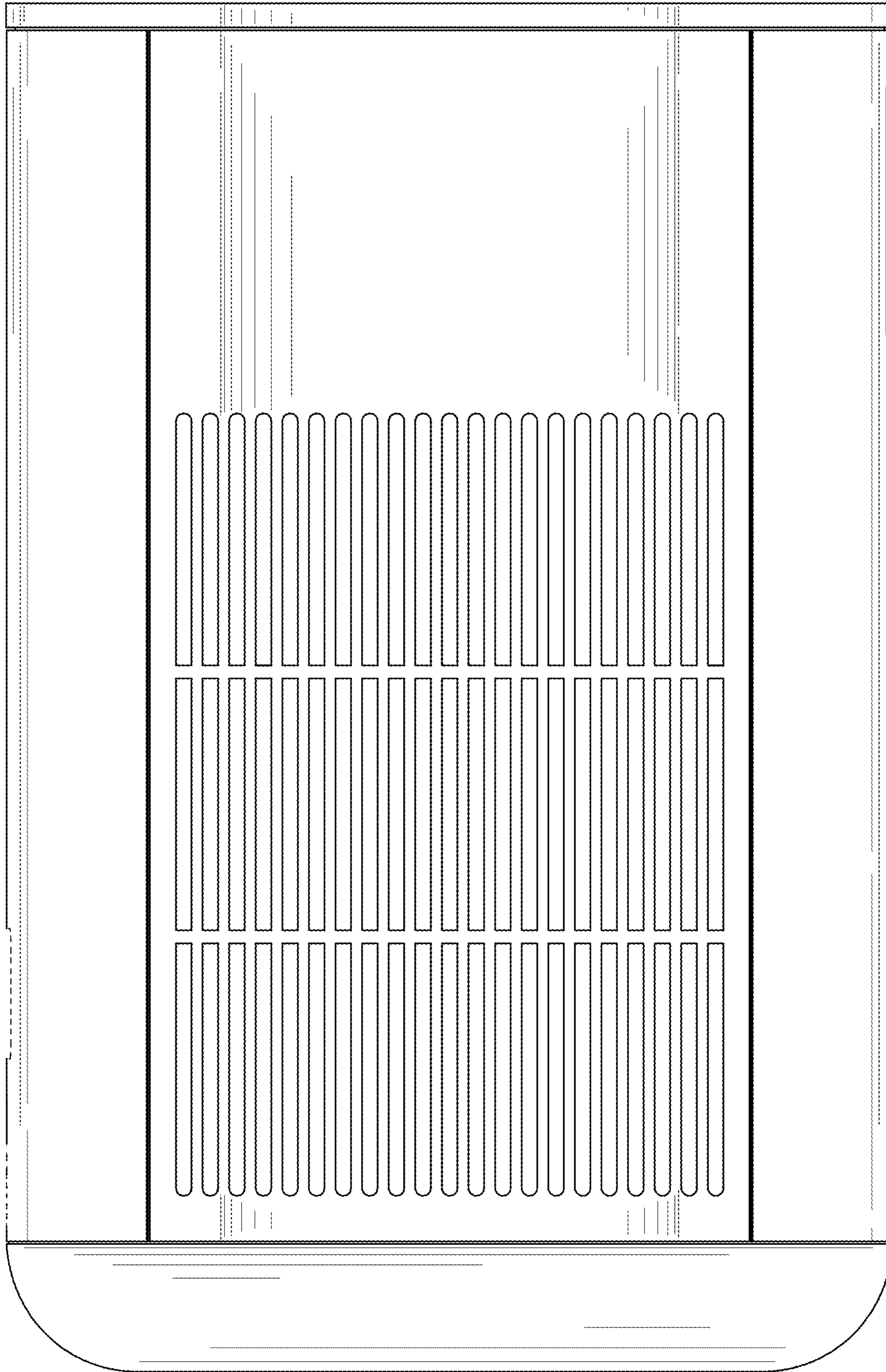


FIG. 6



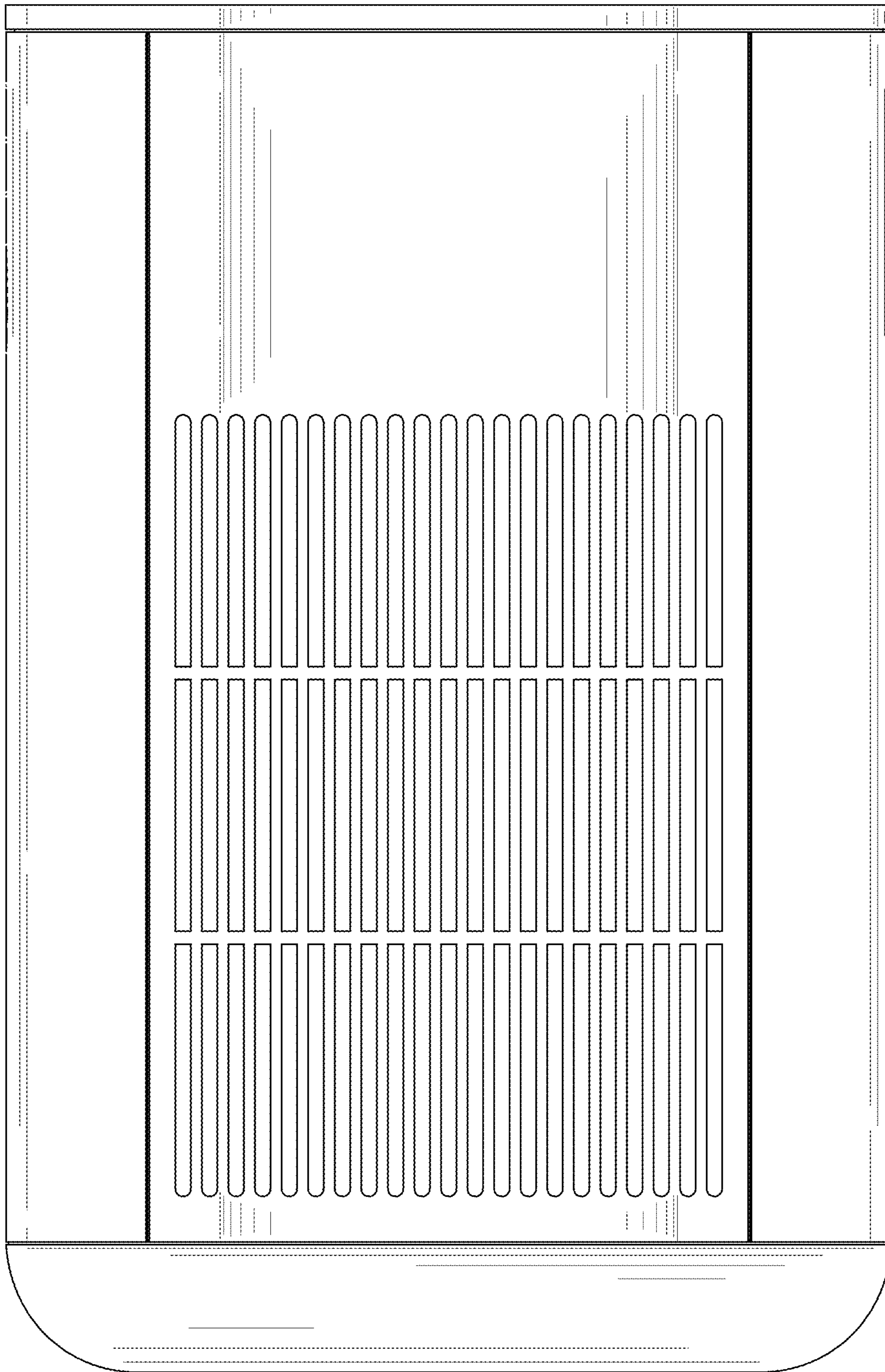


FIG. 7

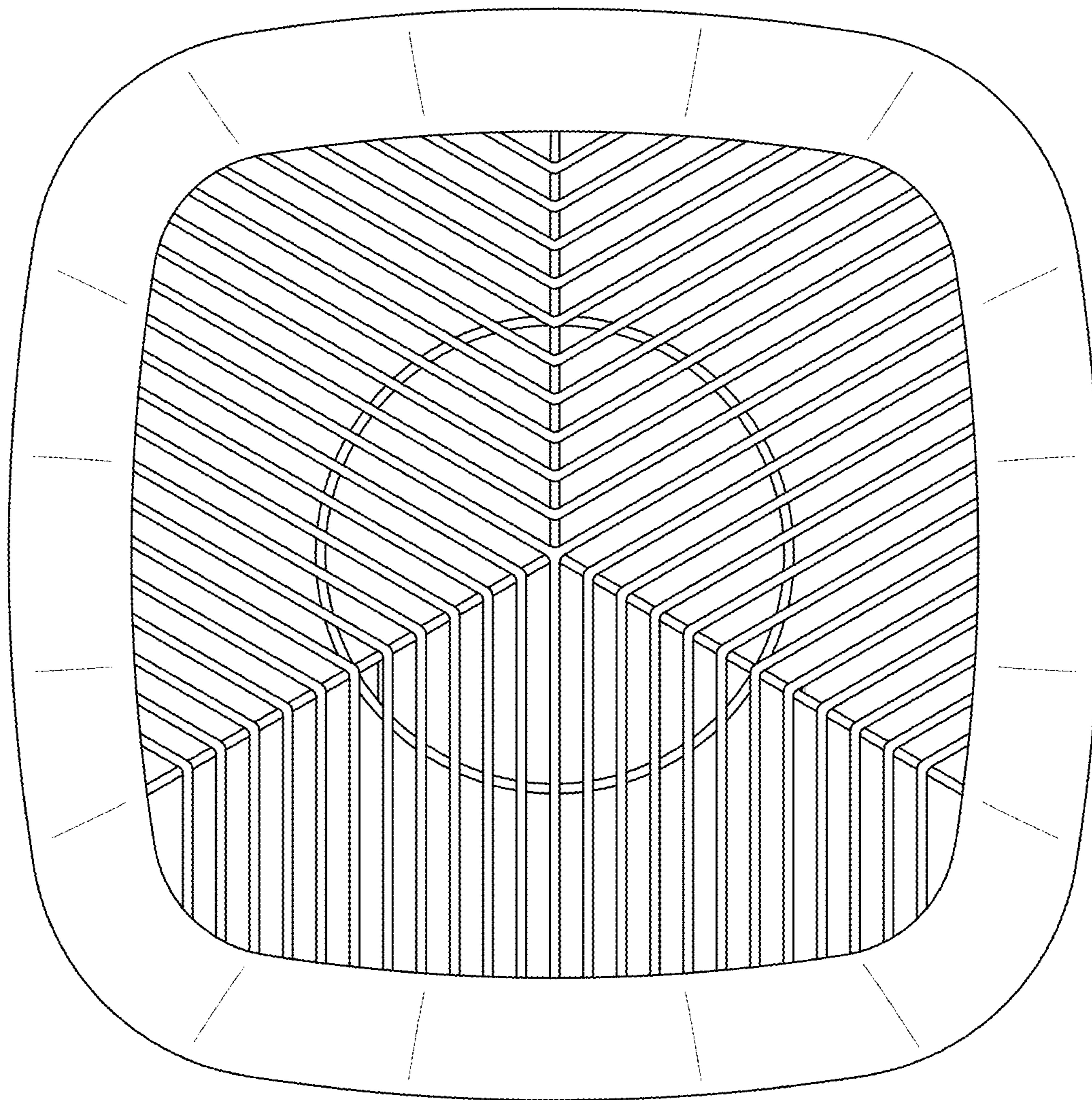


FIG. 8

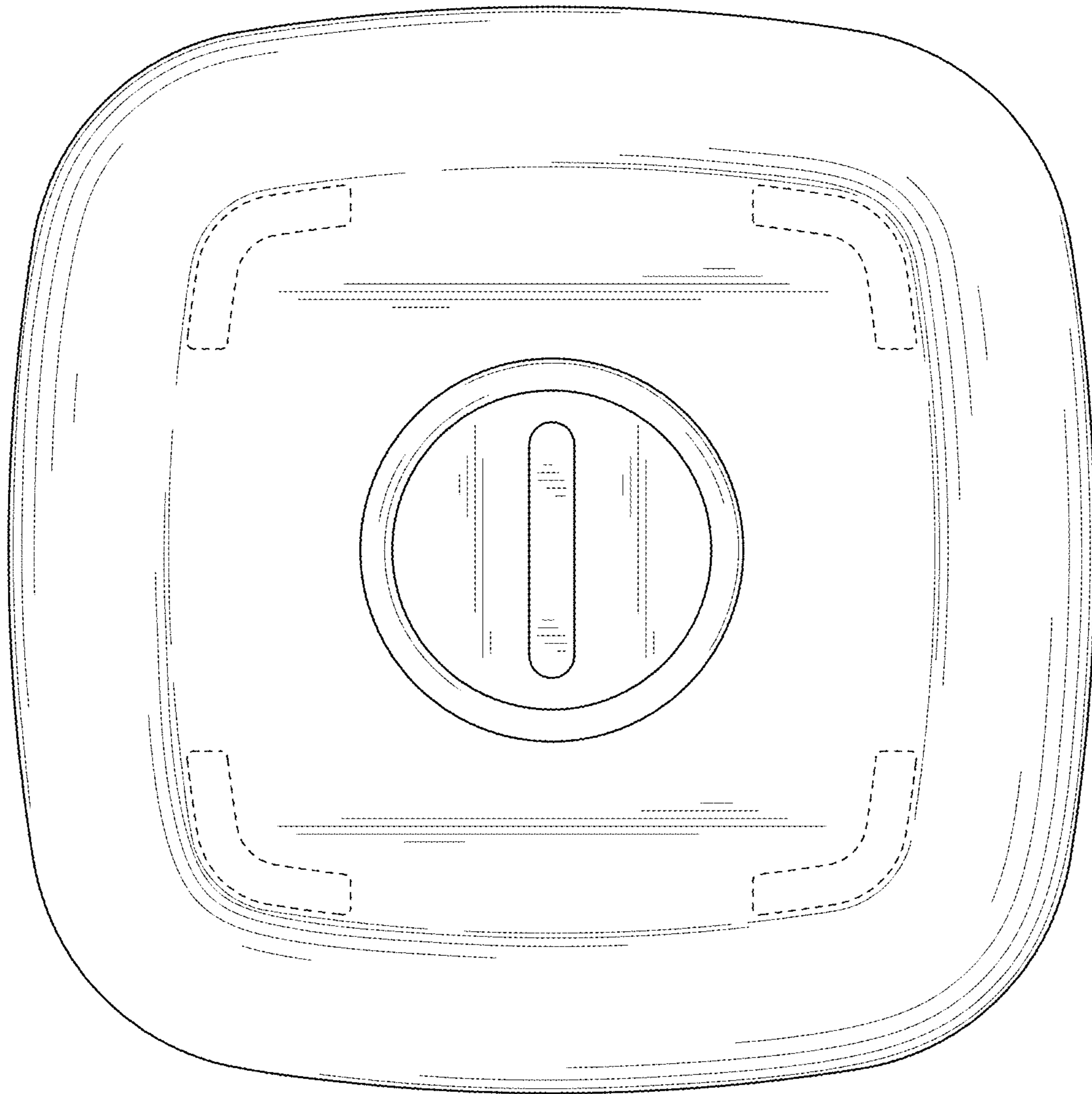


FIG. 9

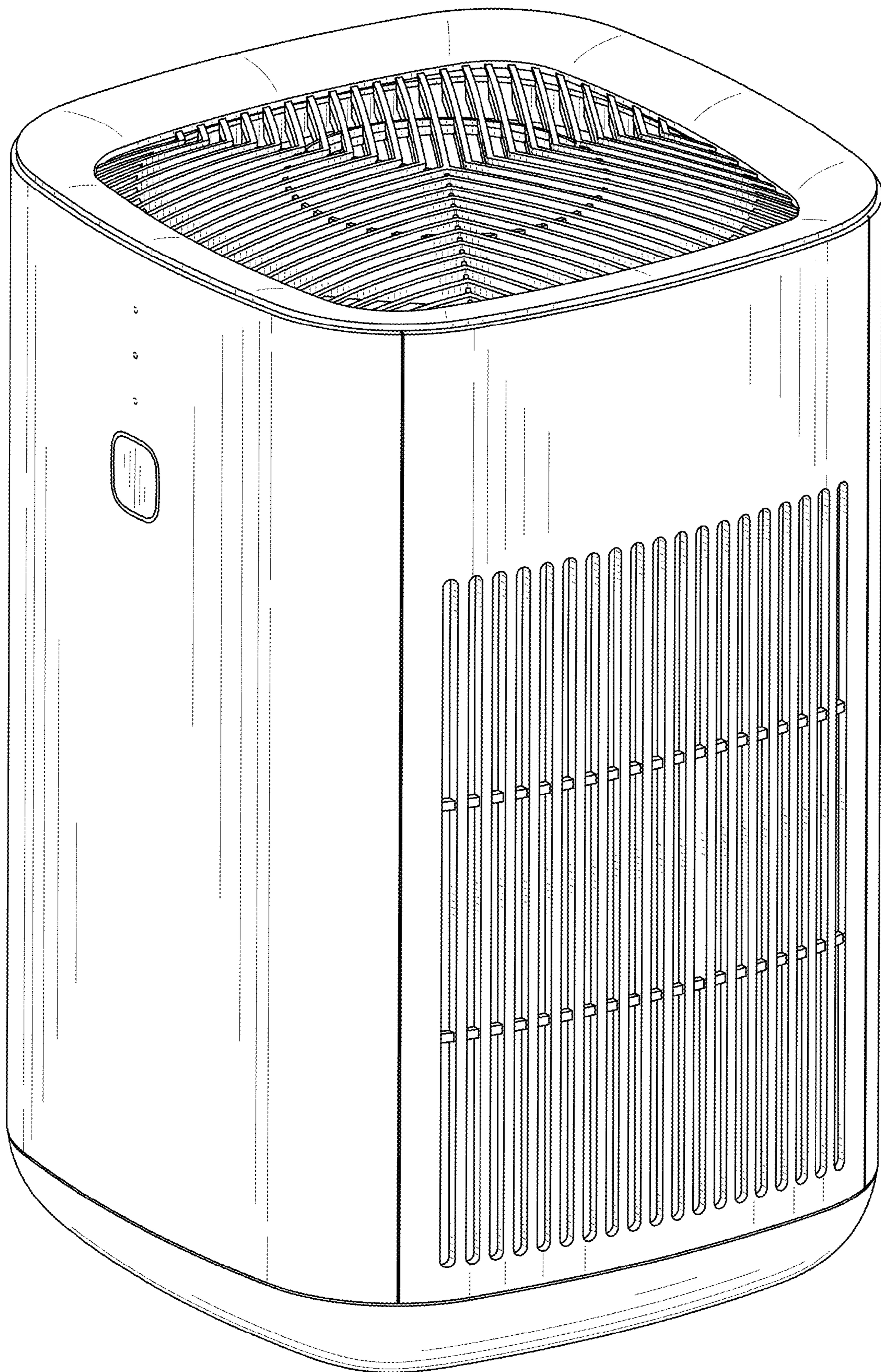


FIG. 10

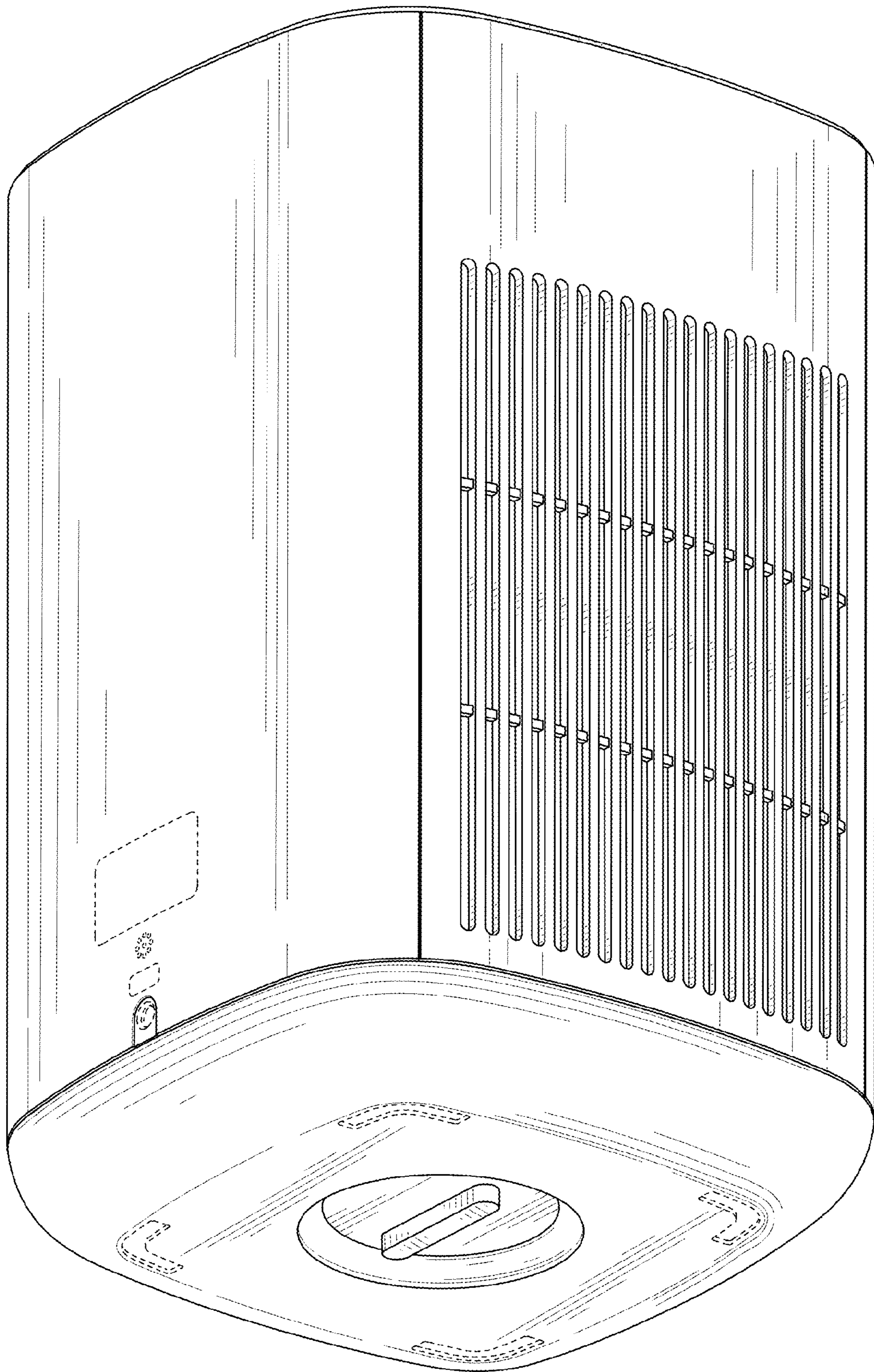


FIG. 11

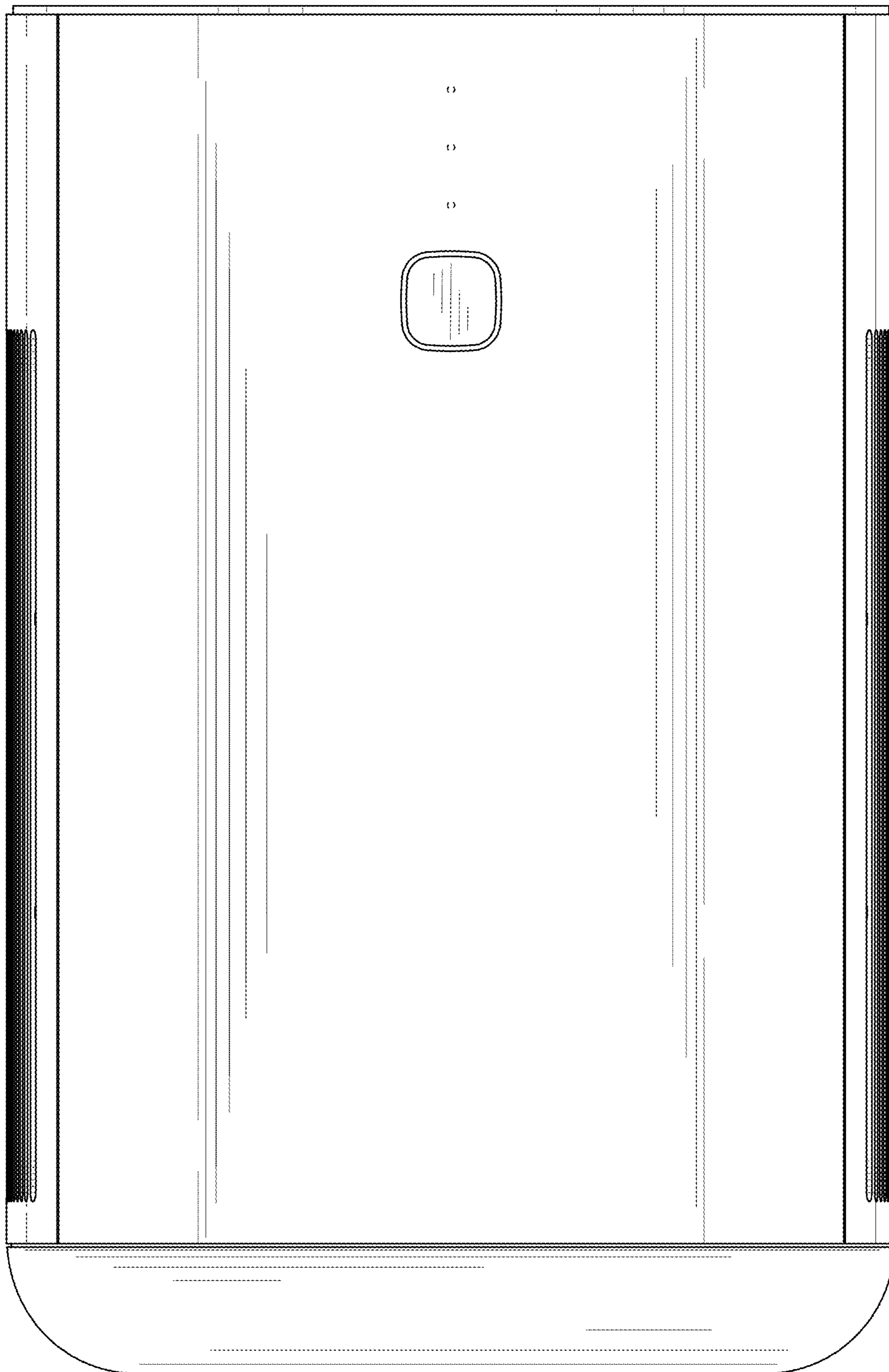


FIG. 12

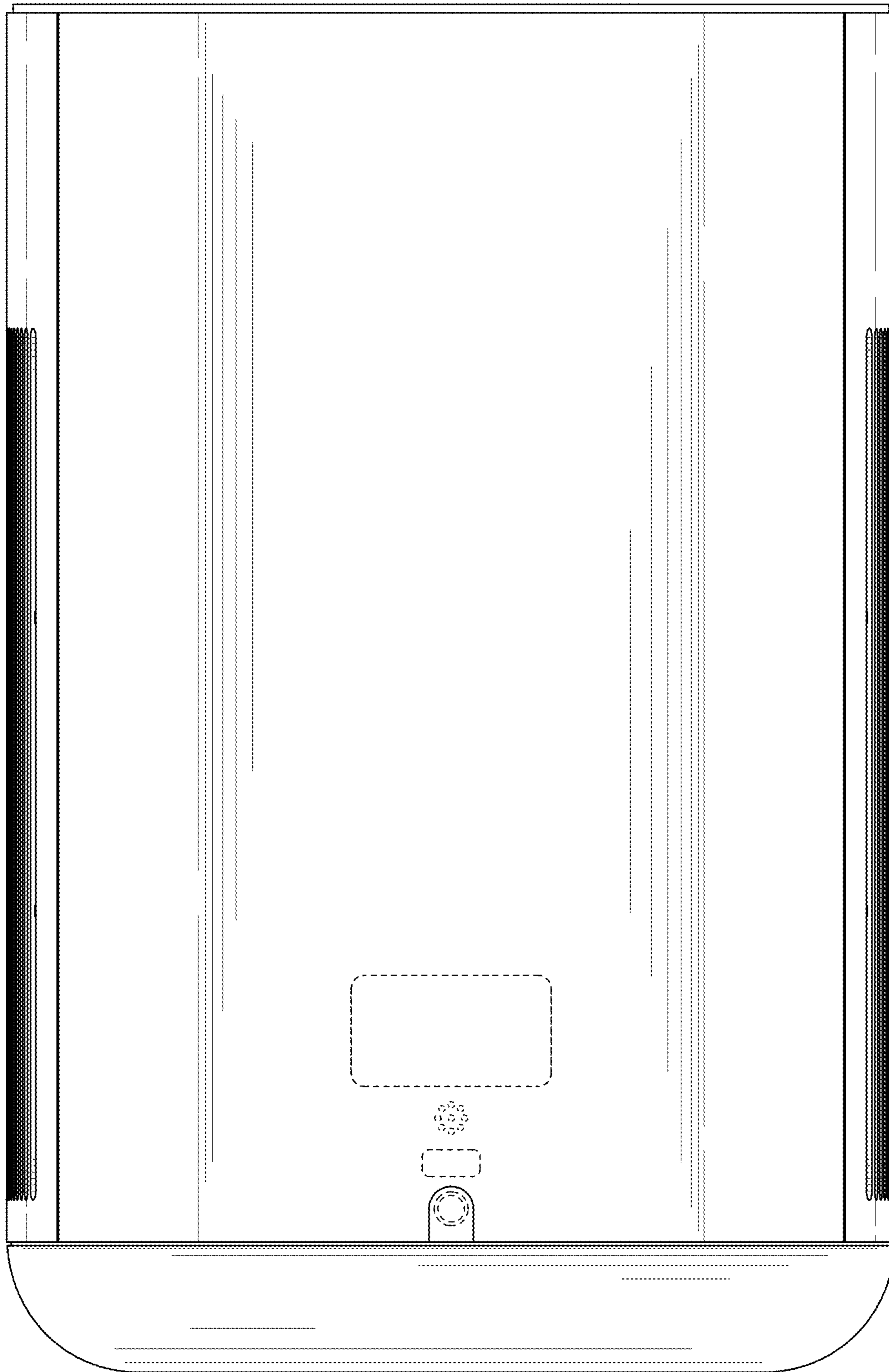


FIG. 13

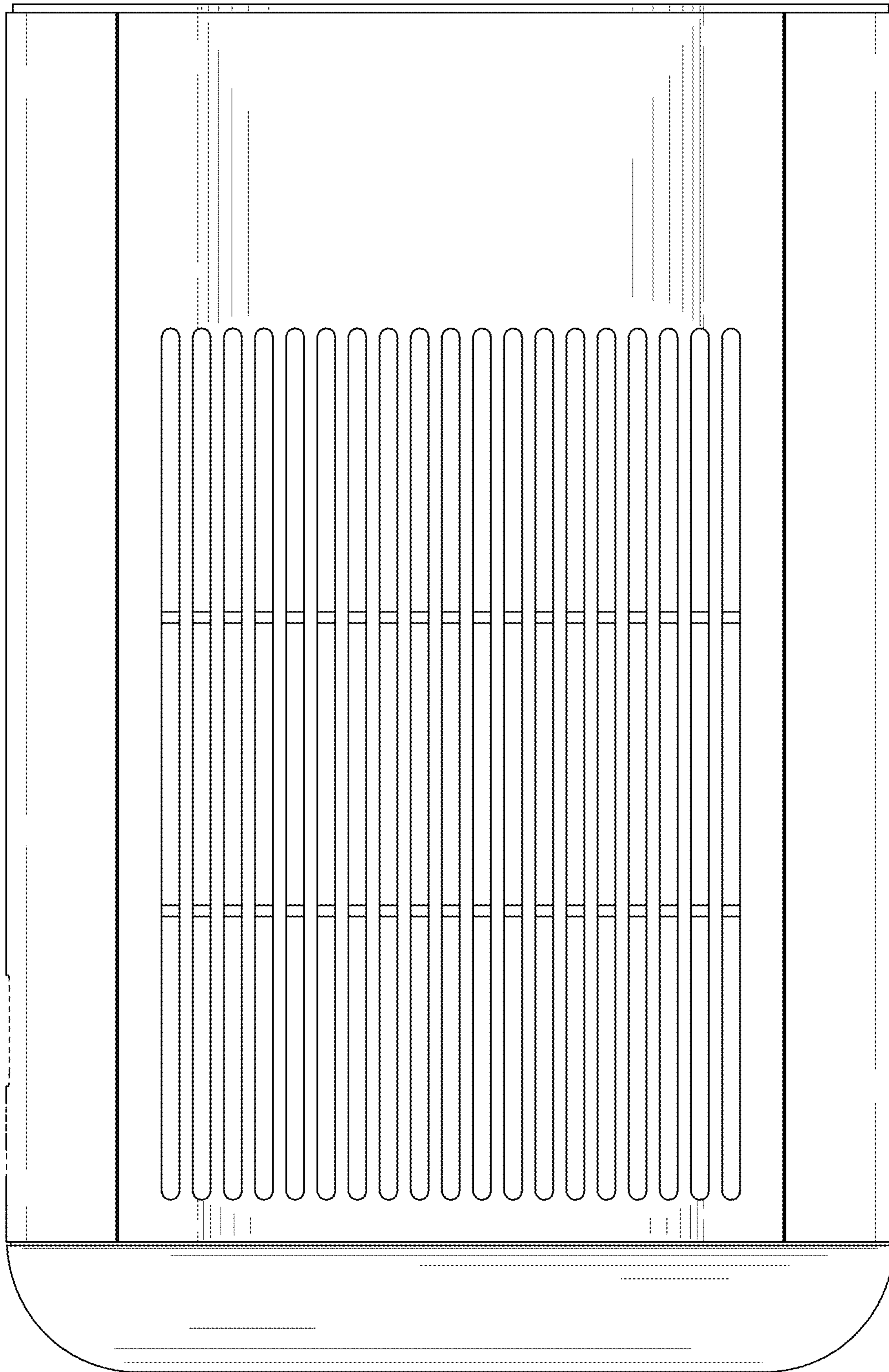


FIG. 14



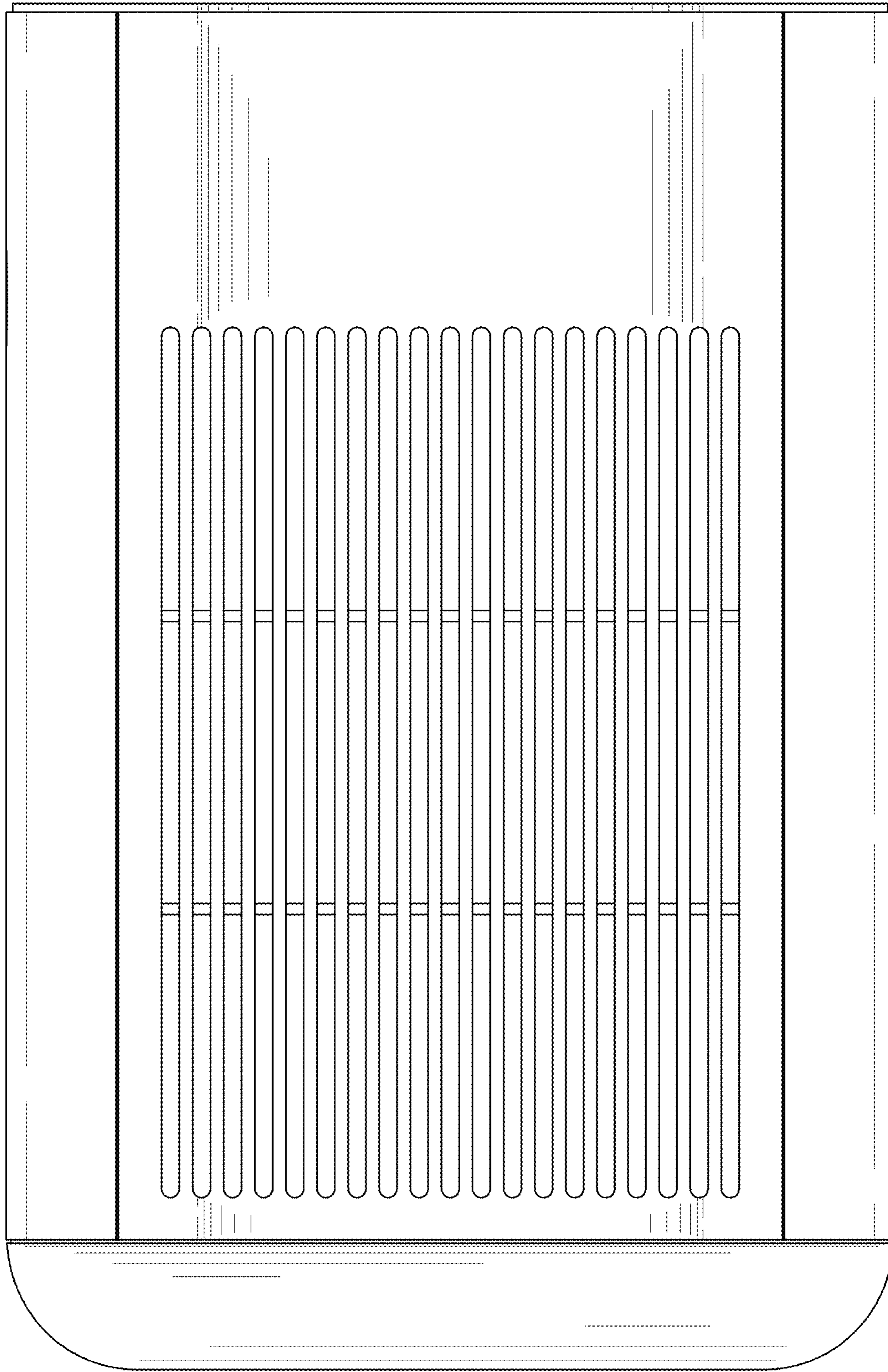


FIG. 15

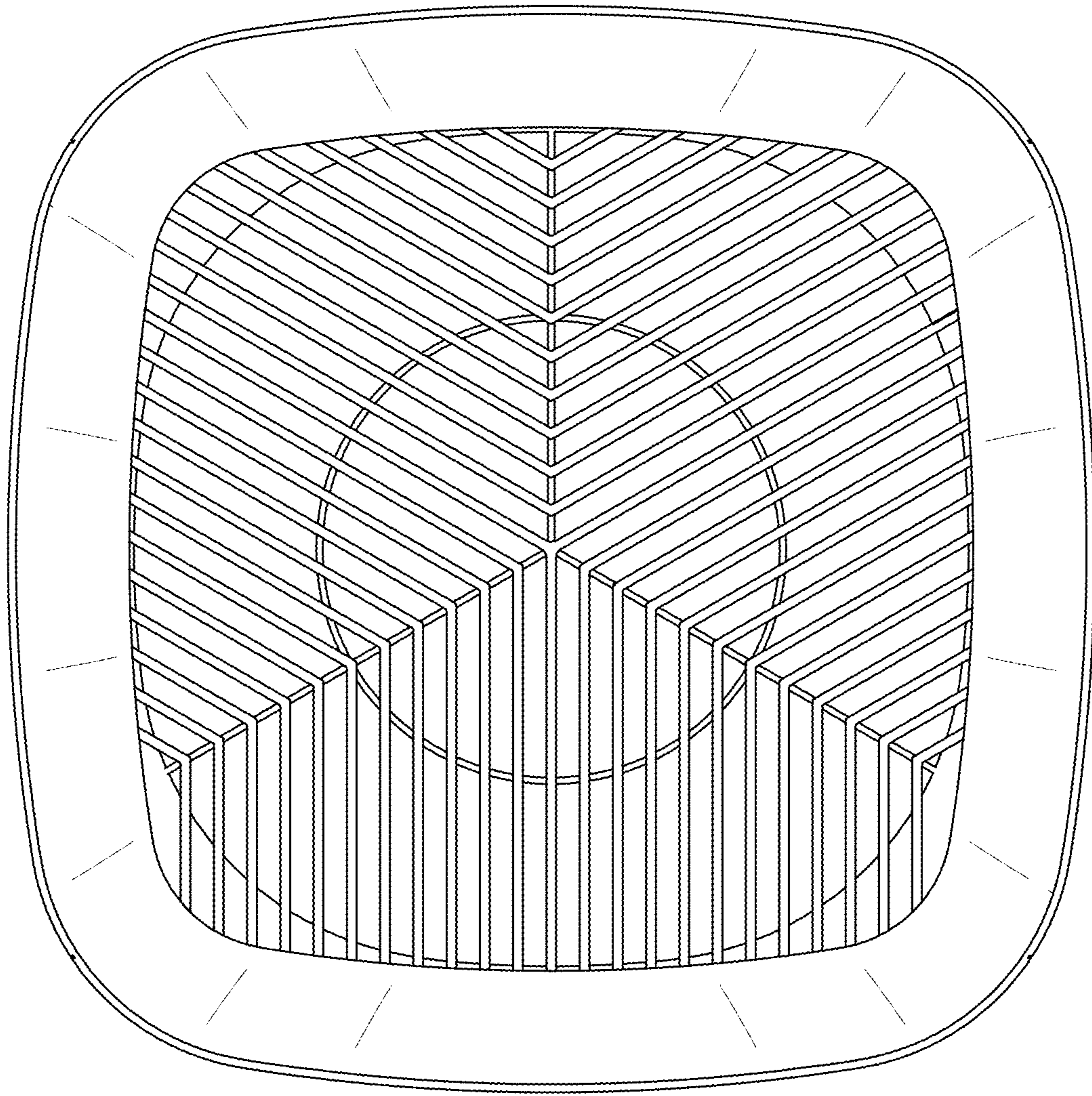


FIG. 16

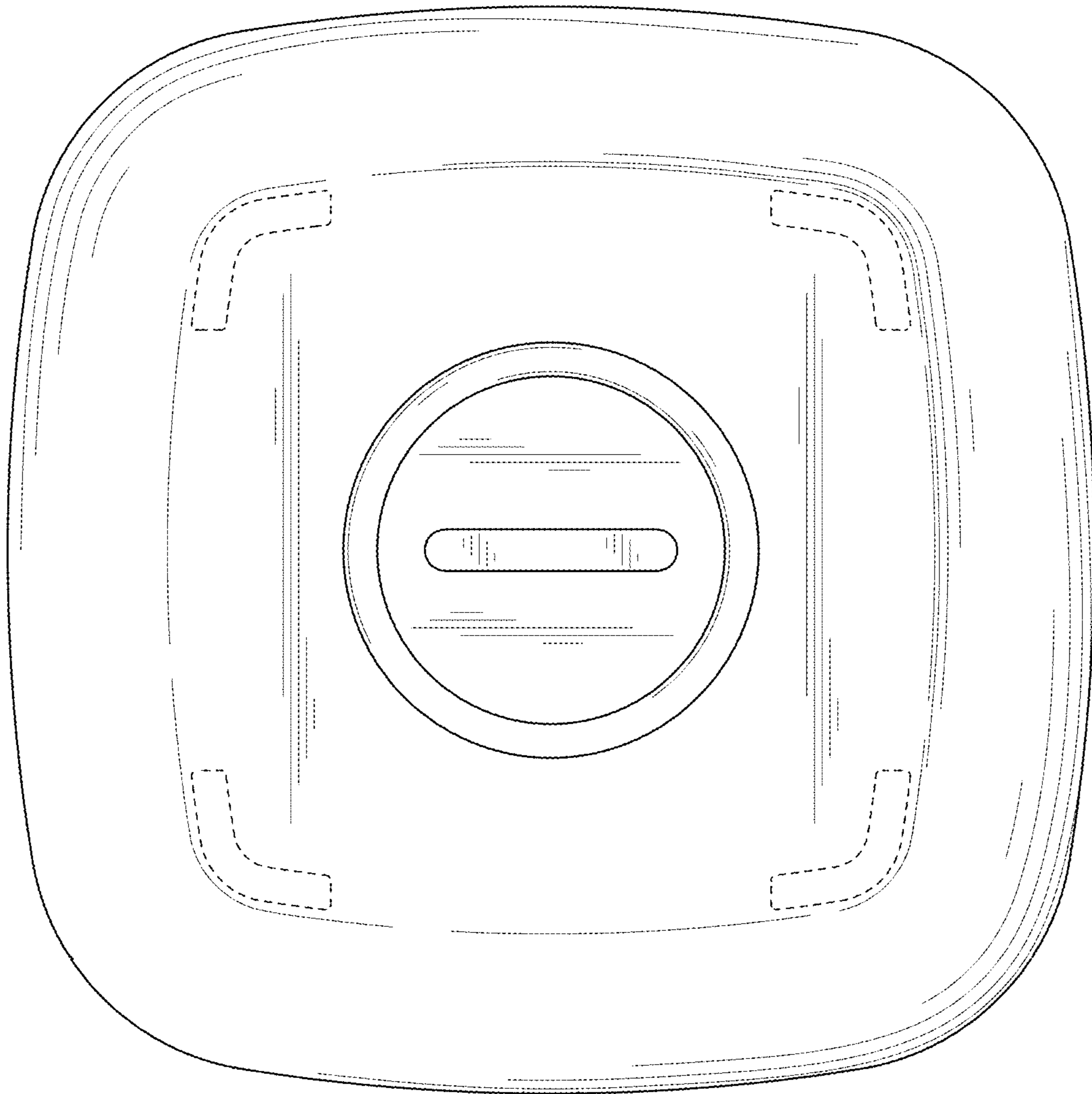


FIG. 17

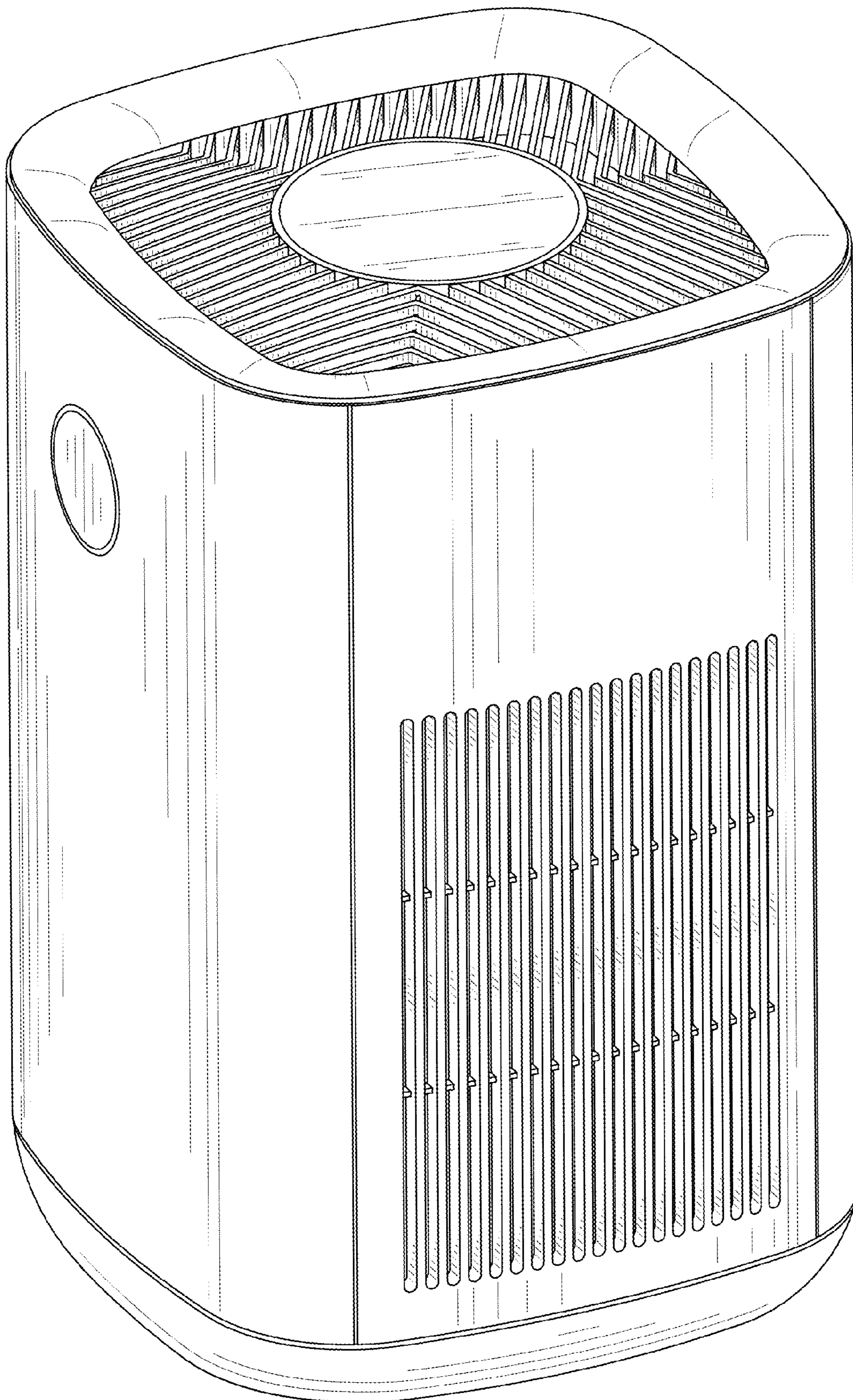


FIG. 18

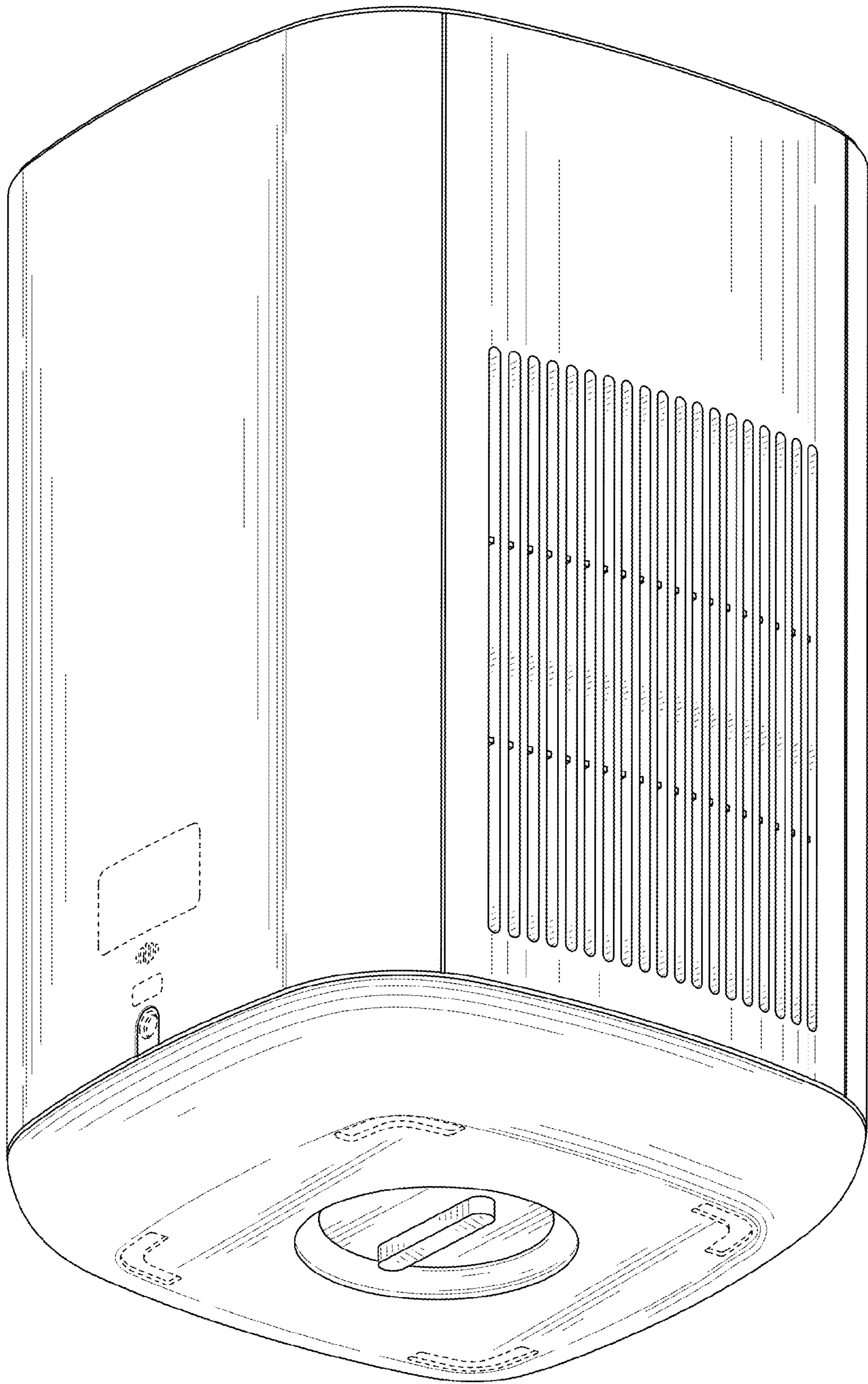


FIG. 19

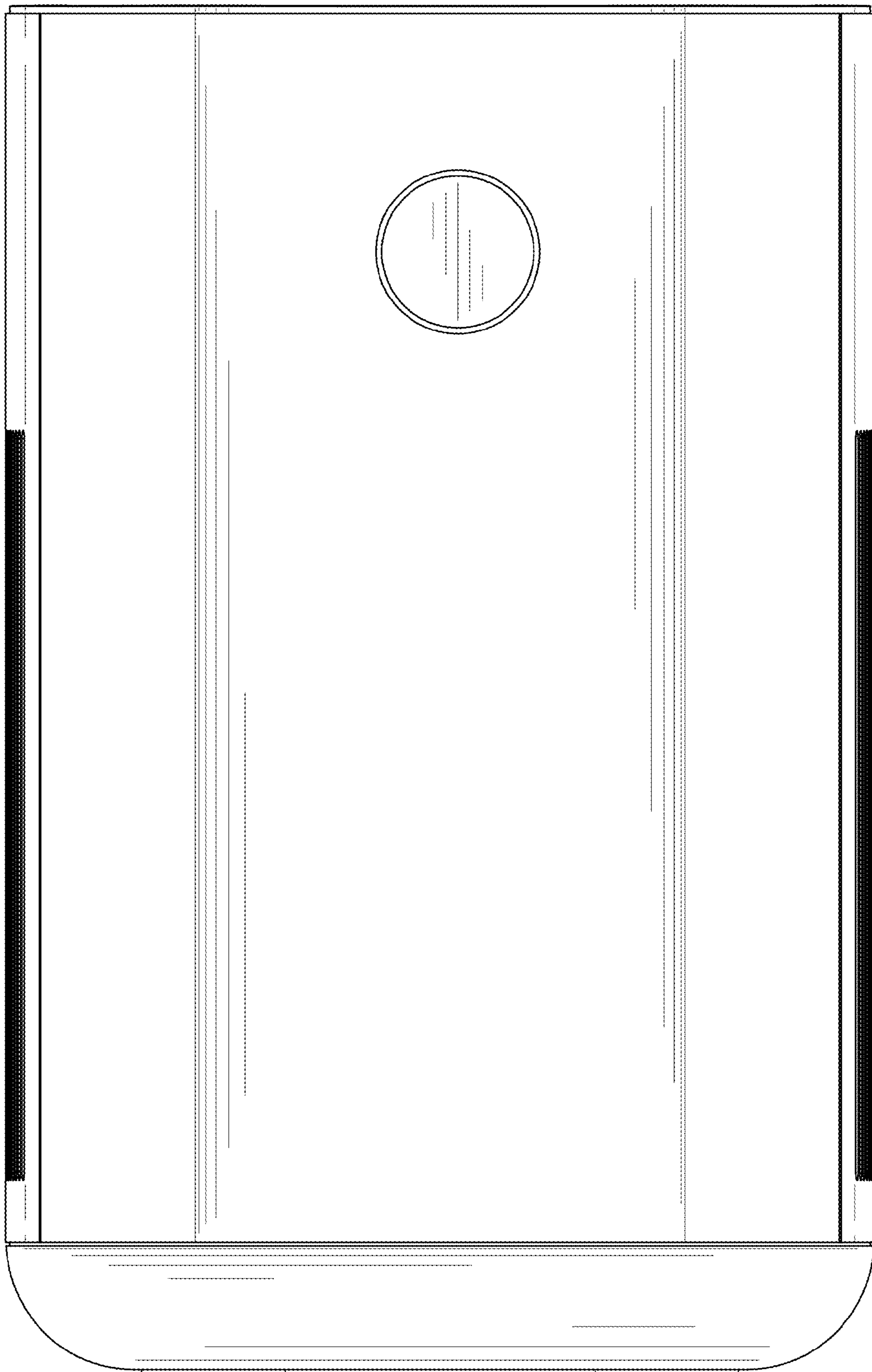


FIG. 20

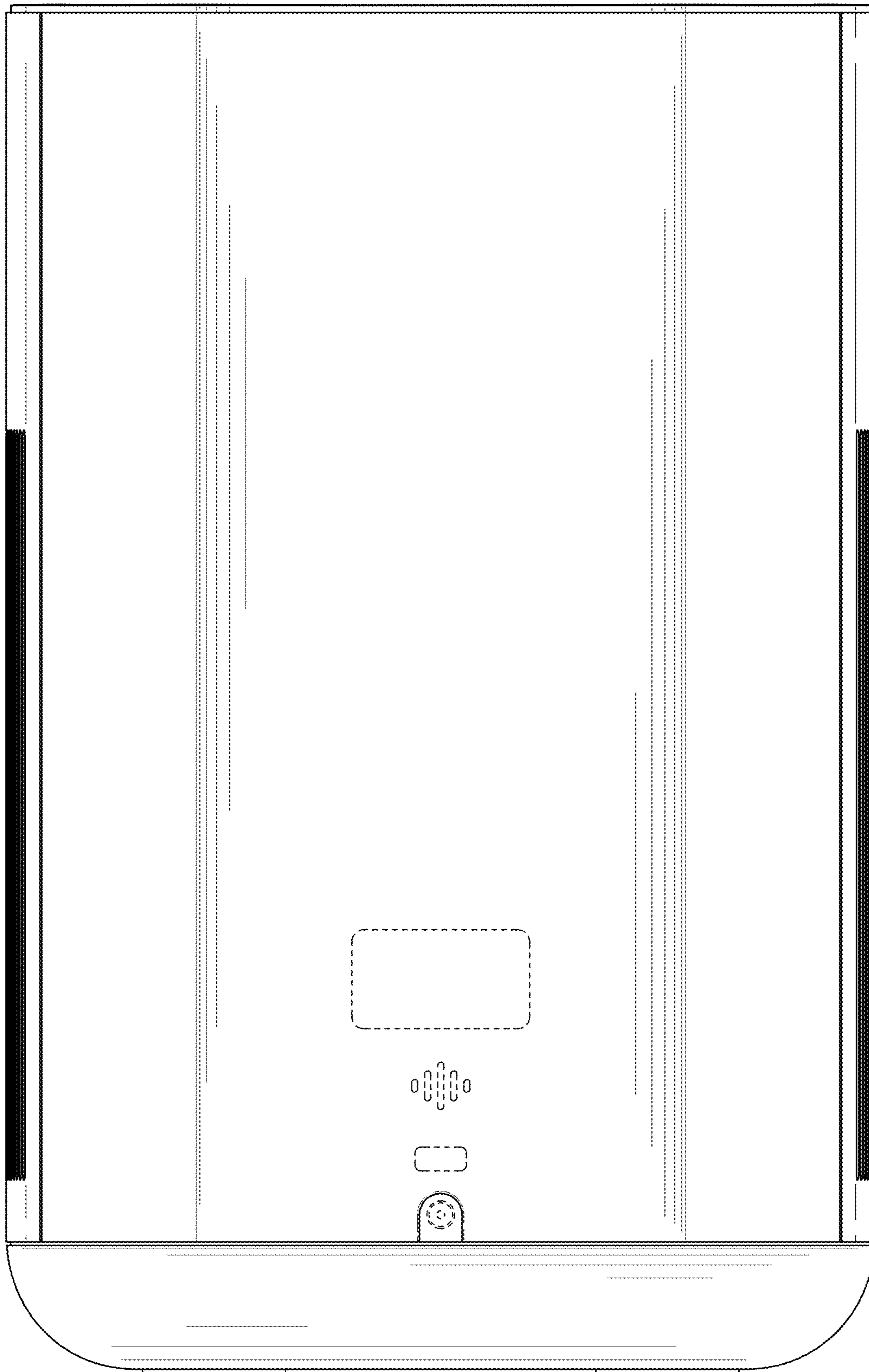


FIG. 21

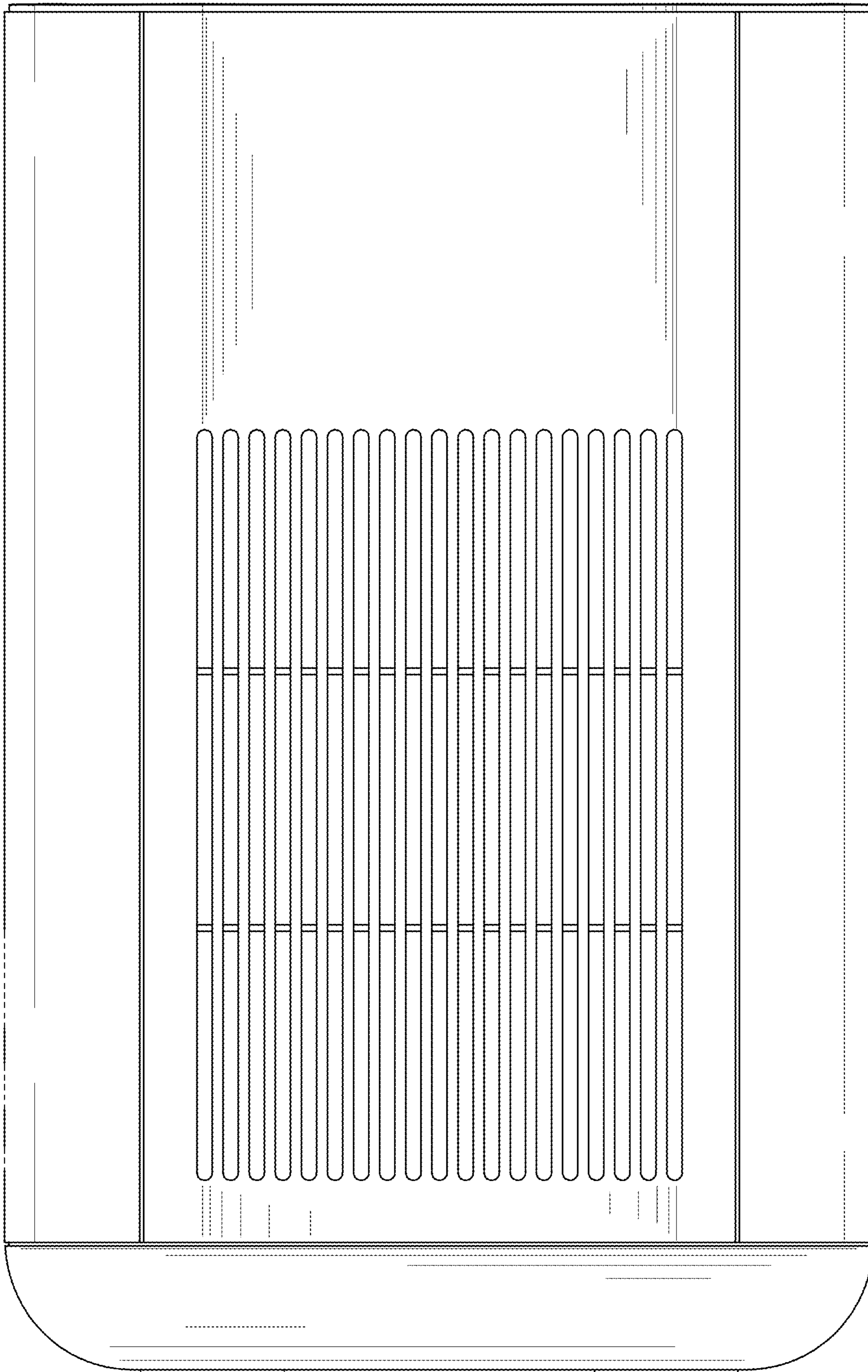


FIG. 22



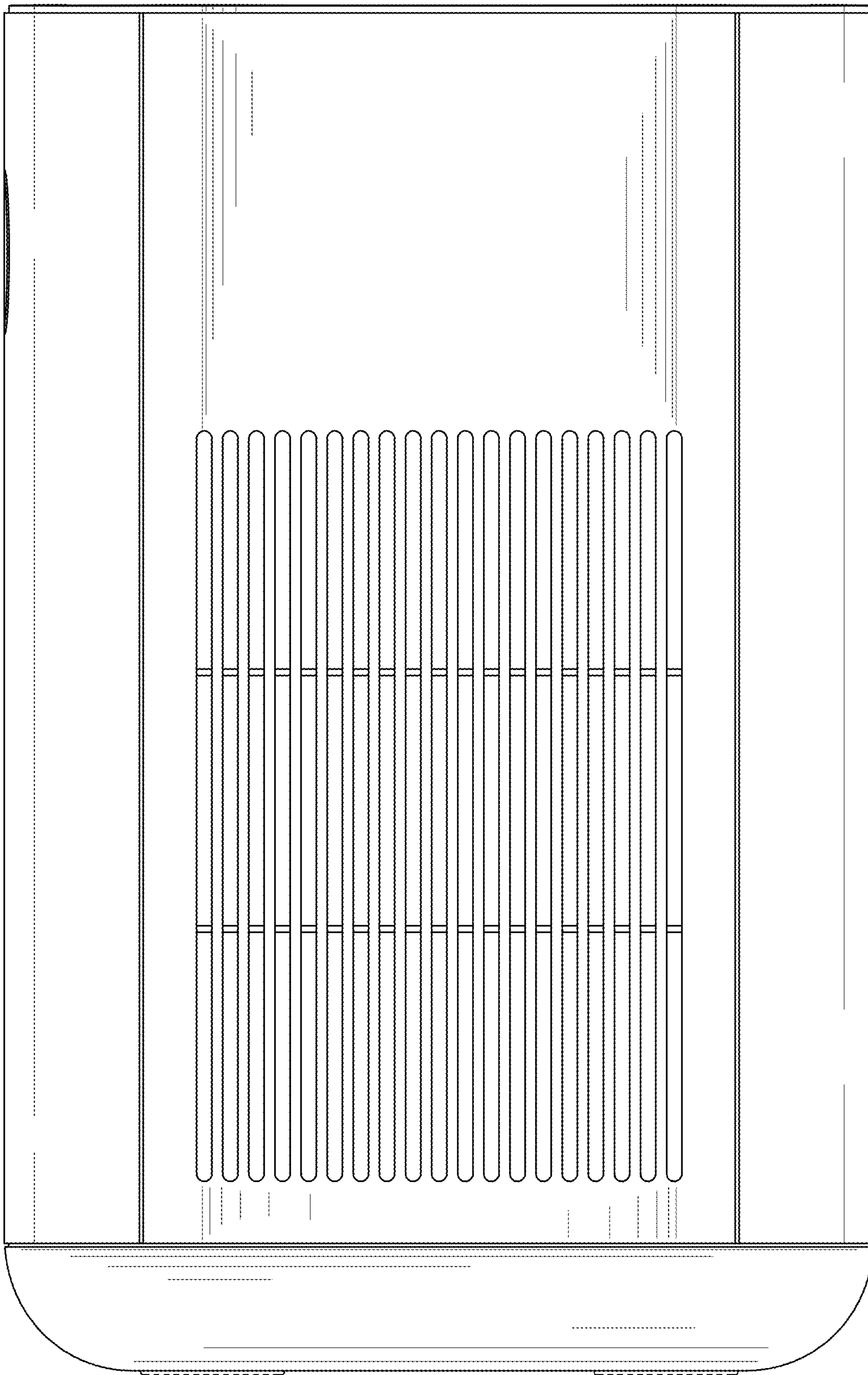


FIG. 23

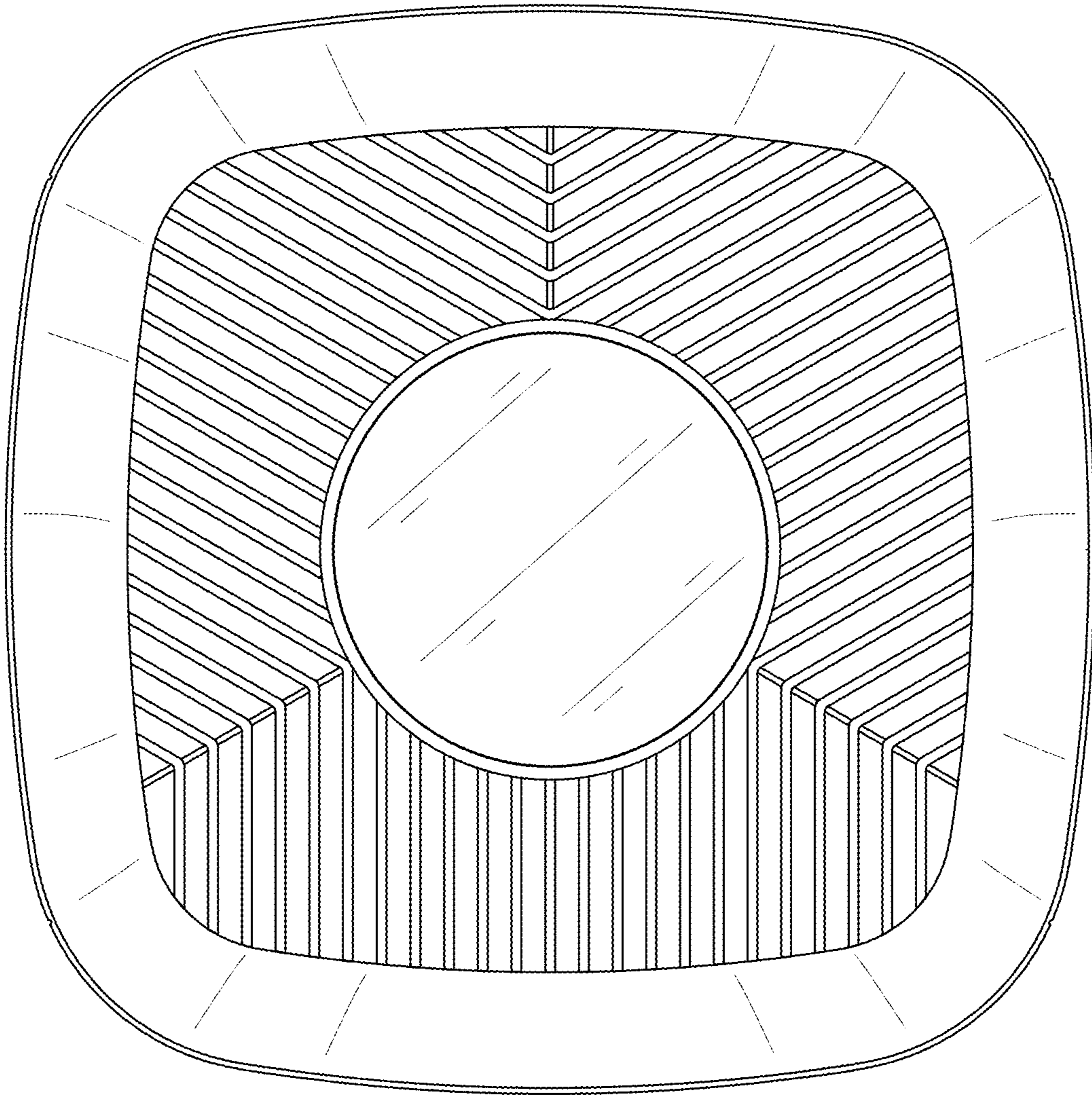


FIG. 24

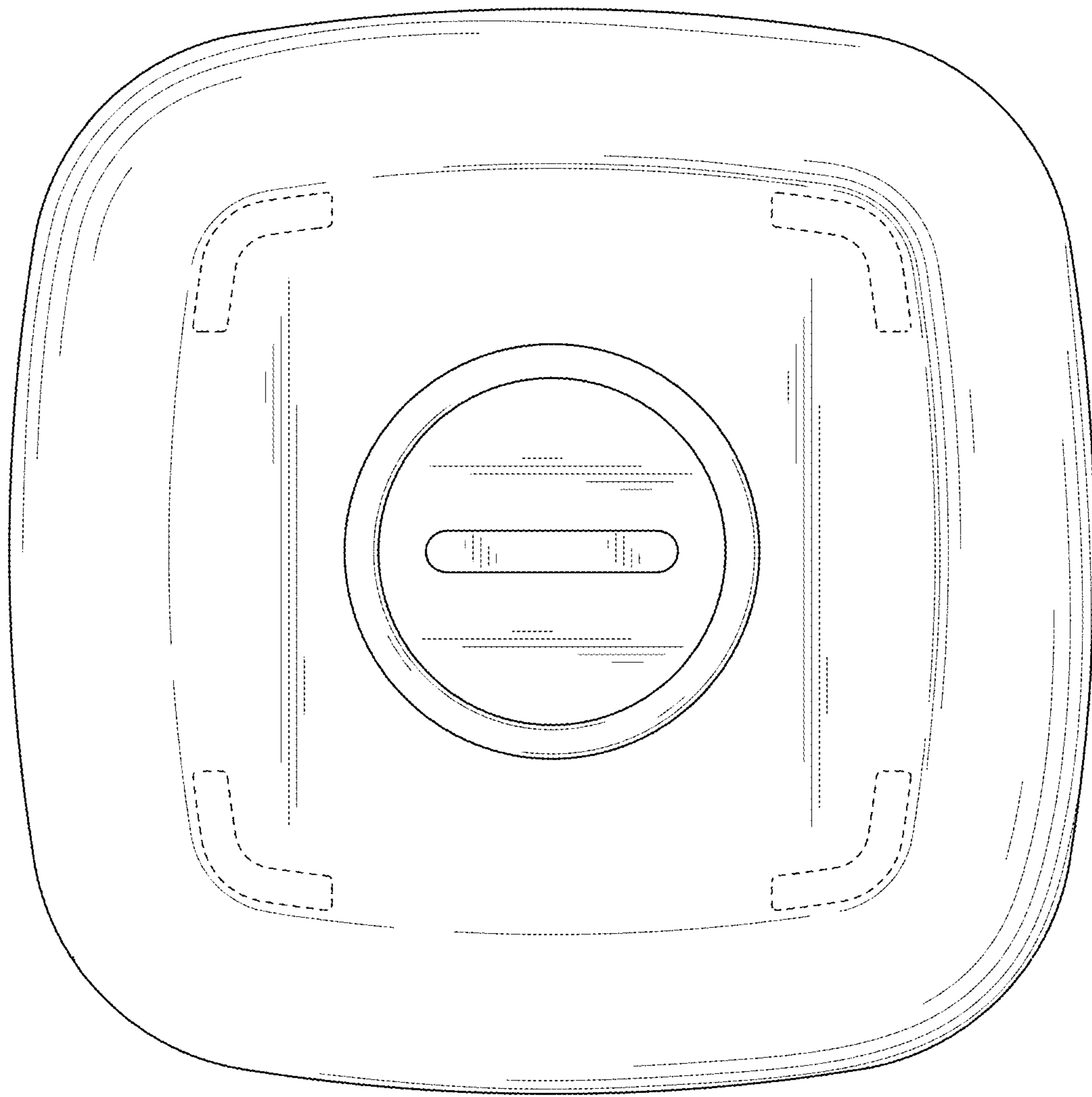


FIG. 25