



US00D878532S

(12) **United States Design Patent** (10) **Patent No.:** **US D878,532 S**
Shin et al. (45) **Date of Patent:** **** Mar. 17, 2020**

(54) **AIR PURIFIER**

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Youtube.com, Introducing Samsung Cube: Modular Air Purifier with IoT(KR), Feb. 27, 2018, <https://www.youtube.com/watch?v=KXYWjGoLzo4> (Year: 2018).*

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

Primary Examiner — Nathan M Johnston

(74) *Attorney, Agent, or Firm* — NSIP Law

(21) Appl. No.: **29/654,569**

(57) **CLAIM**

(22) Filed: **Jun. 26, 2018**

We claim the ornamental design for an air purifier, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Jan. 4, 2018 (KR) 30-2018-0000756

(51) **LOC (12) Cl.** **23-04**

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

(58) **Field of Classification Search**

USPC D23/355–366, 352, 369, 332, 333, 335,
D23/336, 342, 351; 422/120, 122;
55/356, 473, 504; 96/97; D14/188, 170,
D14/172; 261/DIG. 17, DIG. 65,
261/DIG. 88, DIG. 31; D18/34.6
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D
47/027; B01D 2221/02; B01D 2259/4508;
B03C 3/155; B03C 3/368; F24F 3/16;
F24F

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(Continued)

FIG. 1 is a front perspective view of an air purifier showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view thereof;

FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is an enlarged view of the encircled portion in FIG. 1;

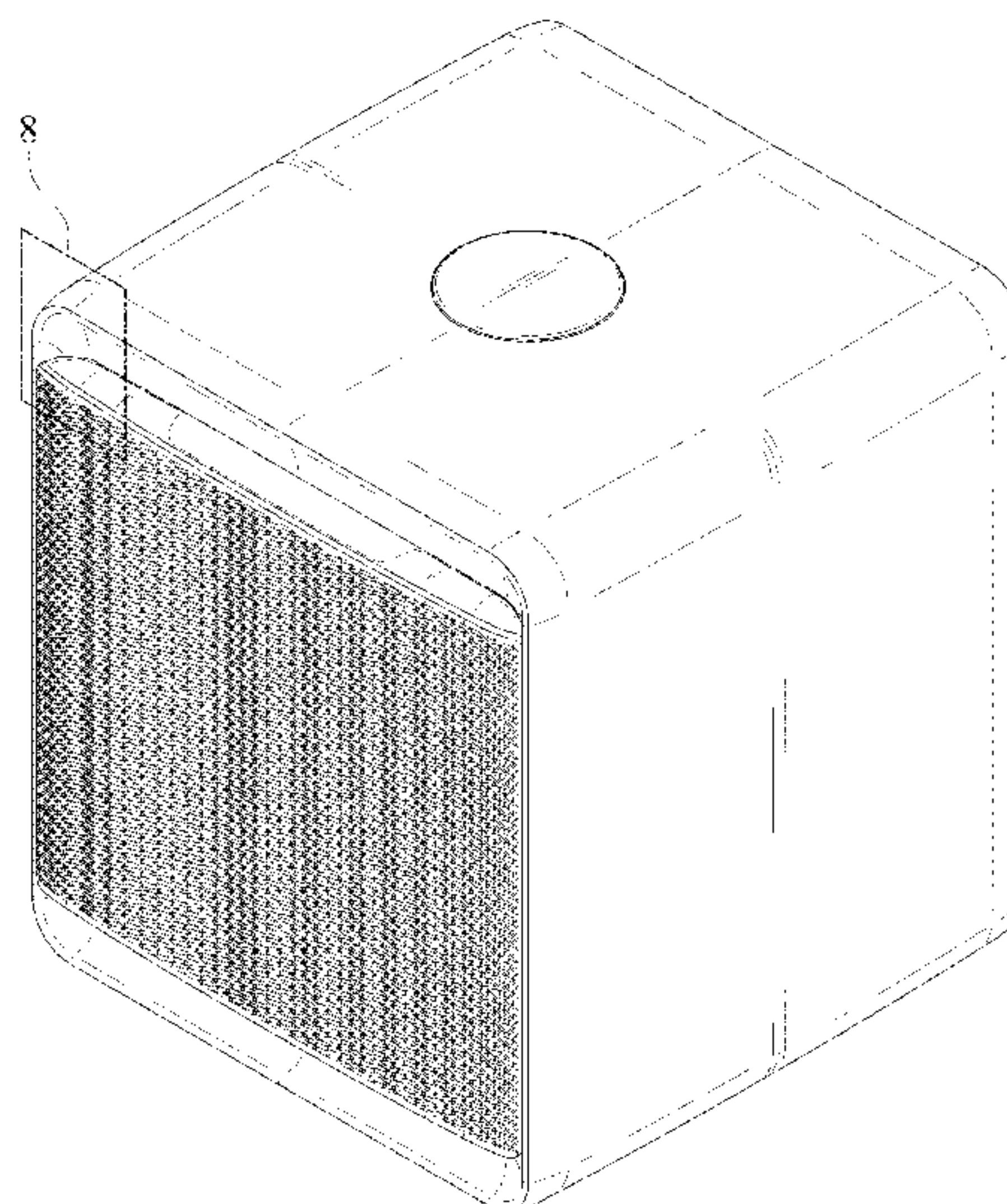
FIG. 9 is an enlarged view of the encircled portion in FIG. 3;

FIG. 10 is an enlarged view of the encircled portion in FIG. 4; and,

FIG. 11 is an enlarged view of the encircled portion in FIG. 4.

The evenly-spaced broken lines in the figures depict portions of the air purifier which form no part of the claimed design. The uneven dot-dash broken lines encircling portions of the claimed design that are illustrated in enlargements form no part of the claimed design.

1 Claim, 11 Drawing Sheets



(58) **Field of Classification Search**
CPC 13/20; F24F 13/28; F24F 3/1405; F24F
3/1603; F24F 13/222
See application file for complete search history.

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FIG. 1

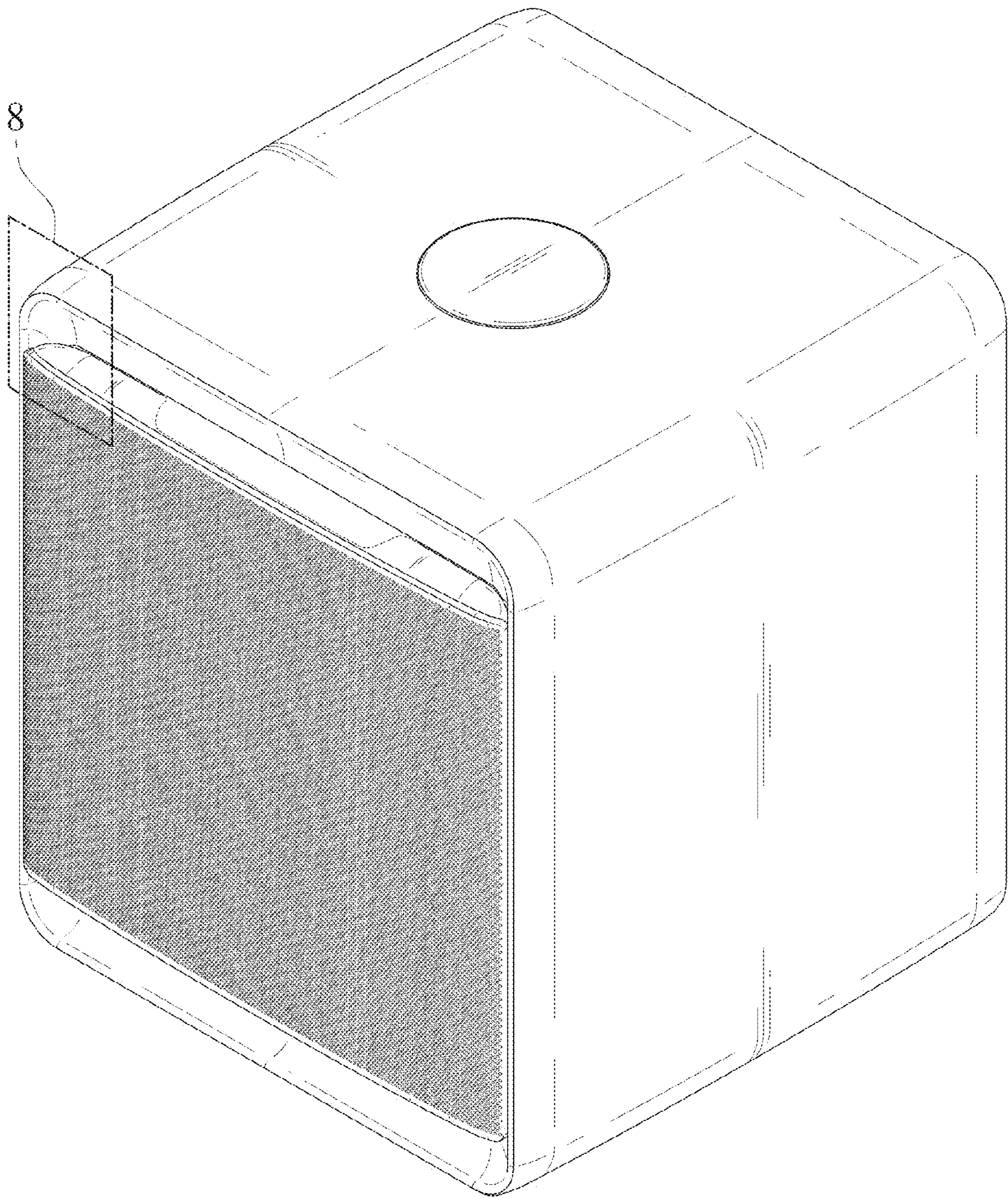


FIG. 2

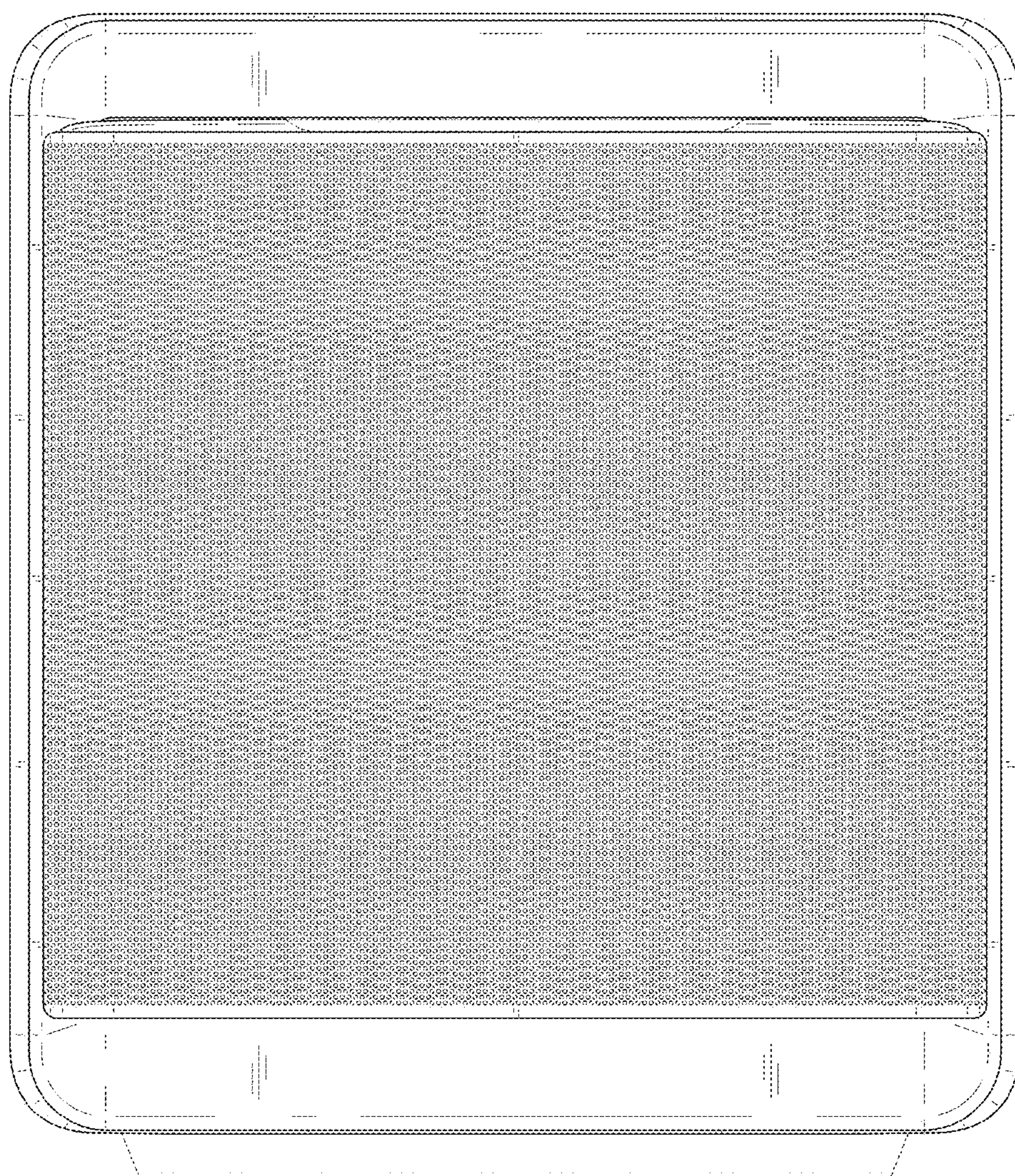


FIG. 3

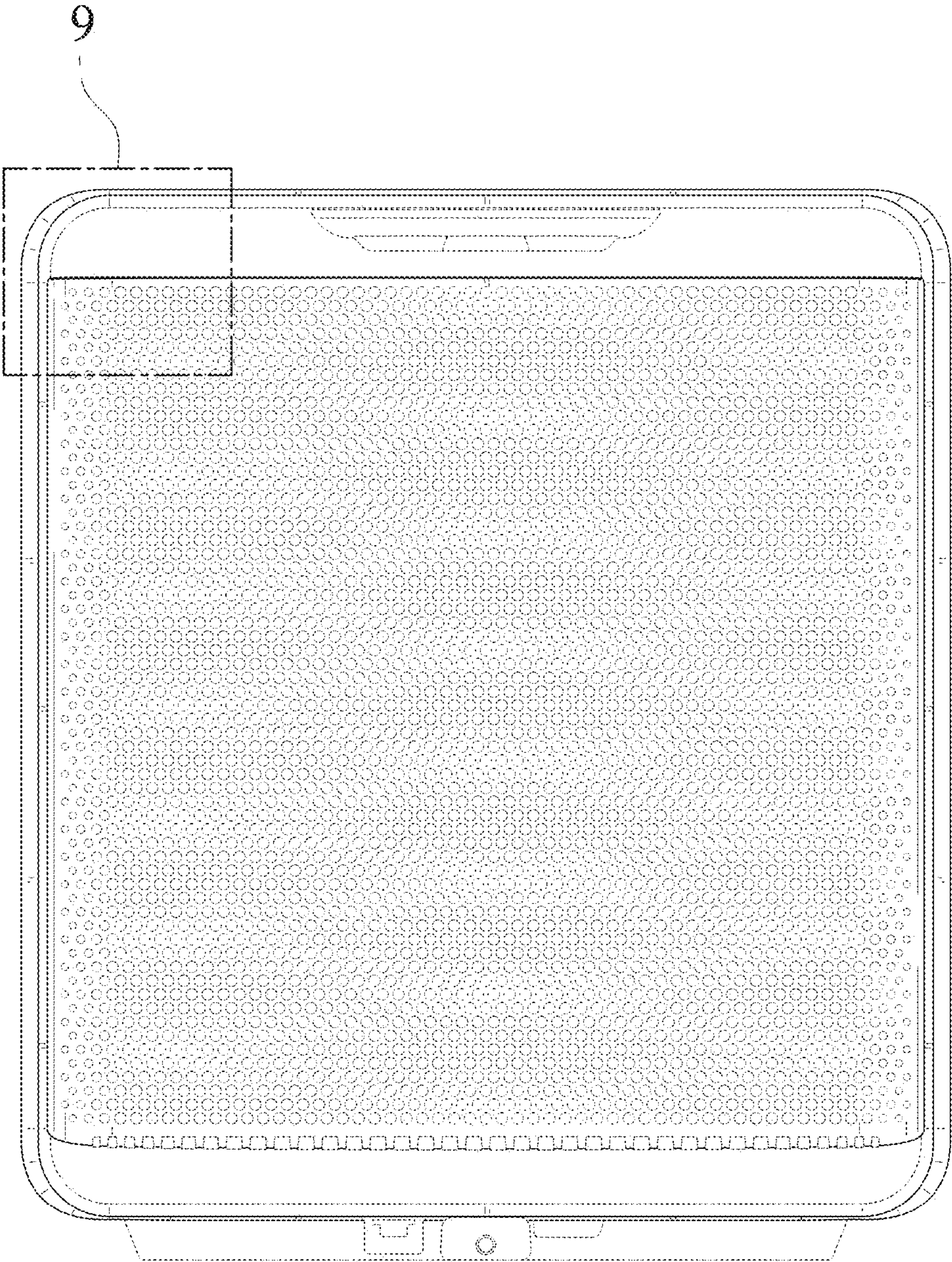


FIG. 4

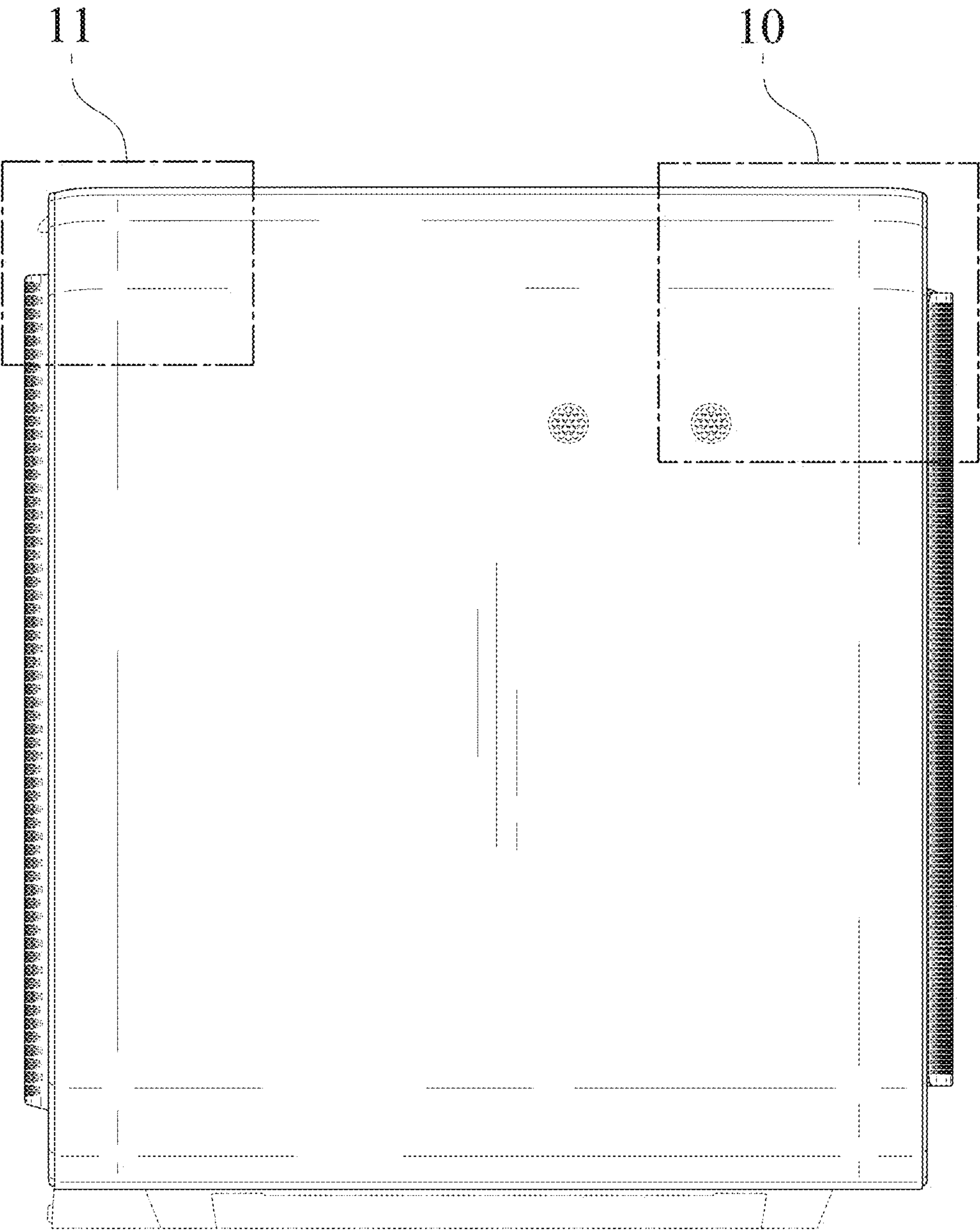


FIG. 5

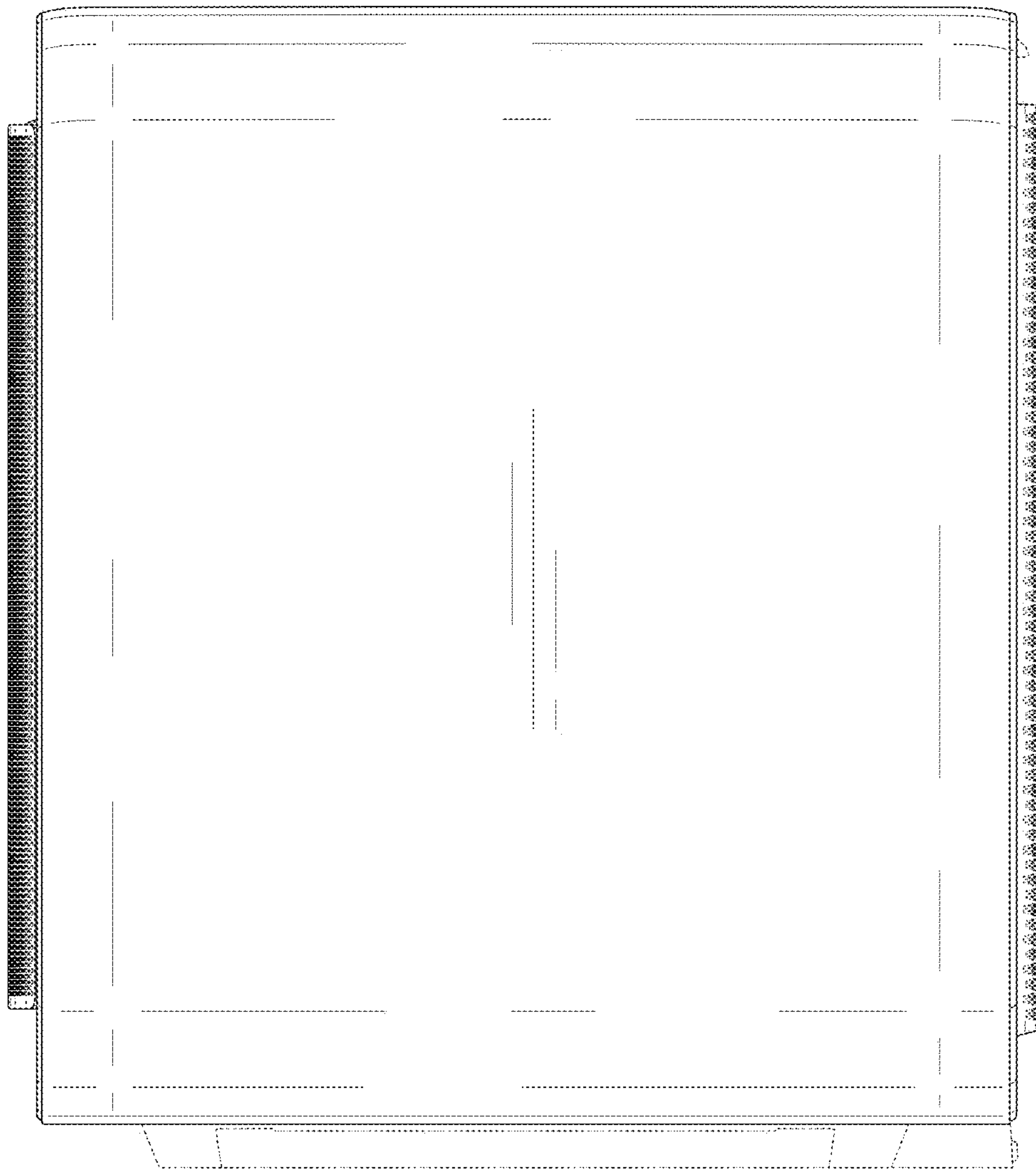


FIG. 6

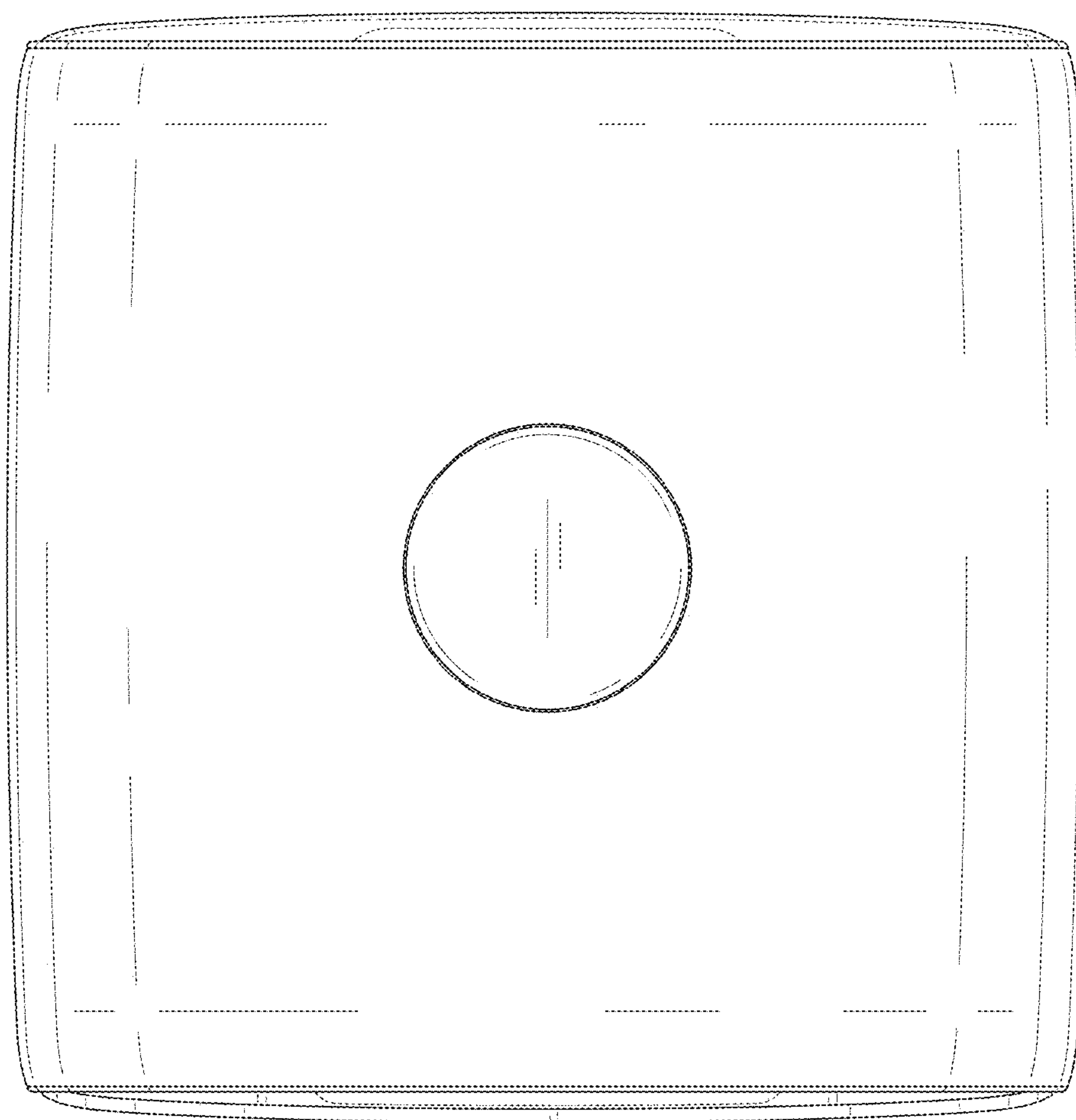


FIG. 7

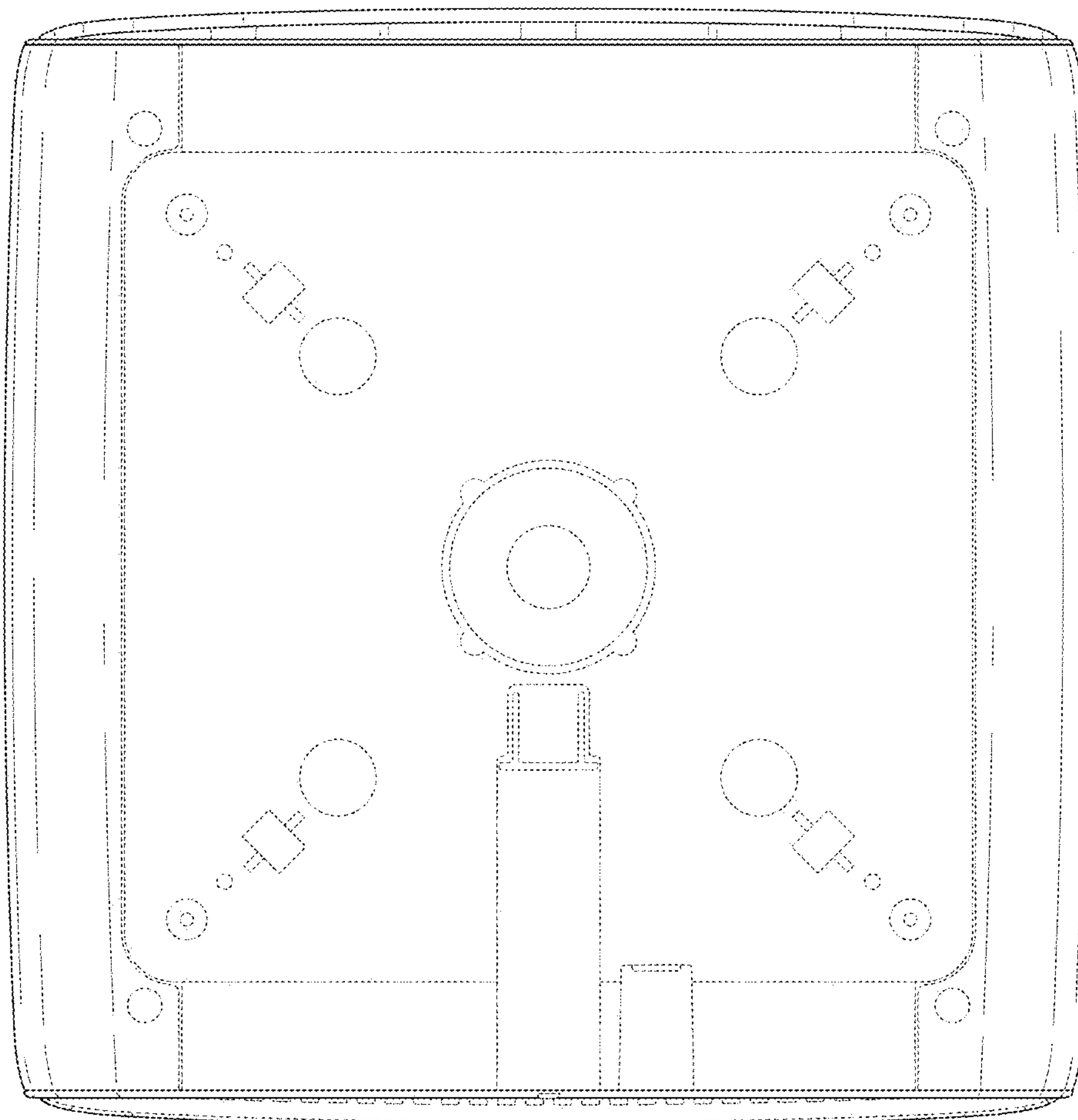


FIG. 8

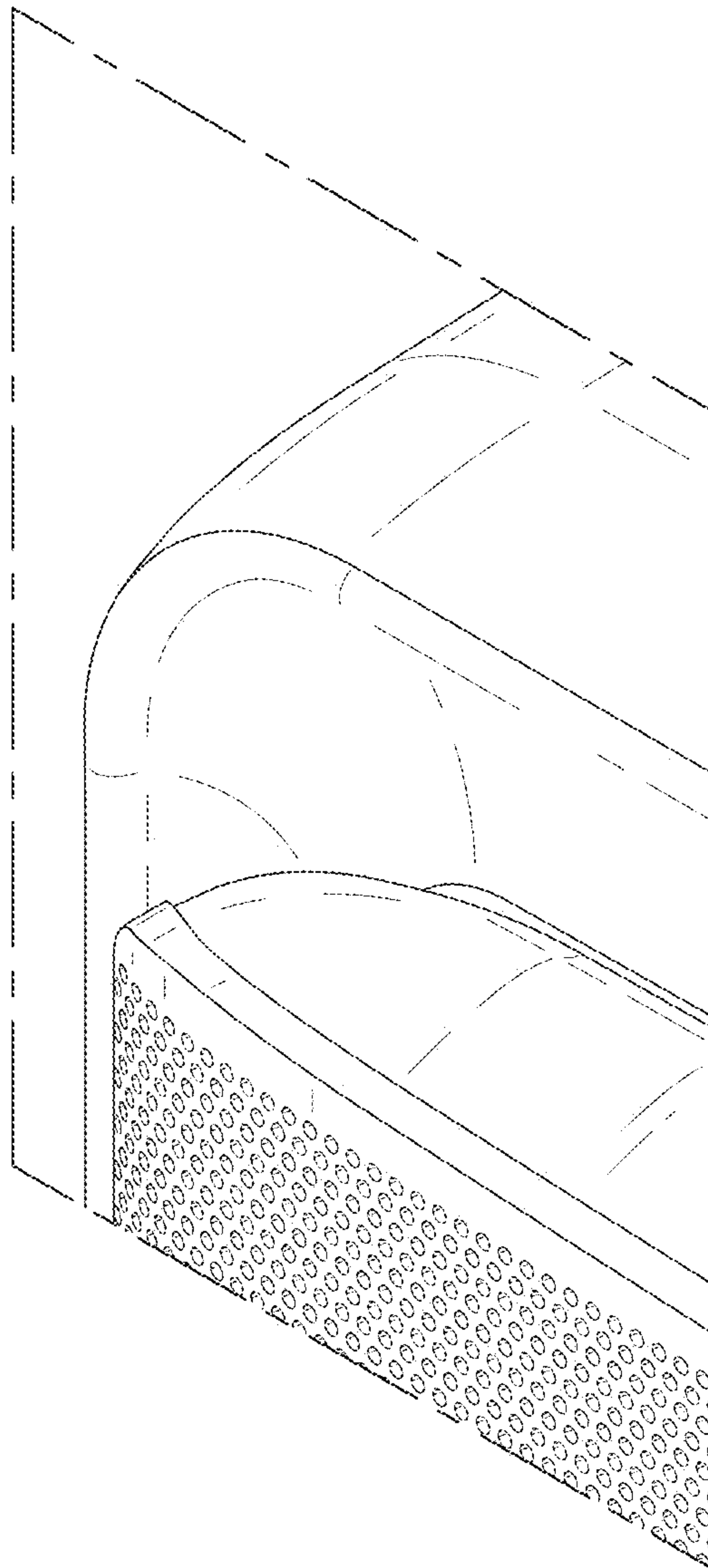


FIG. 9

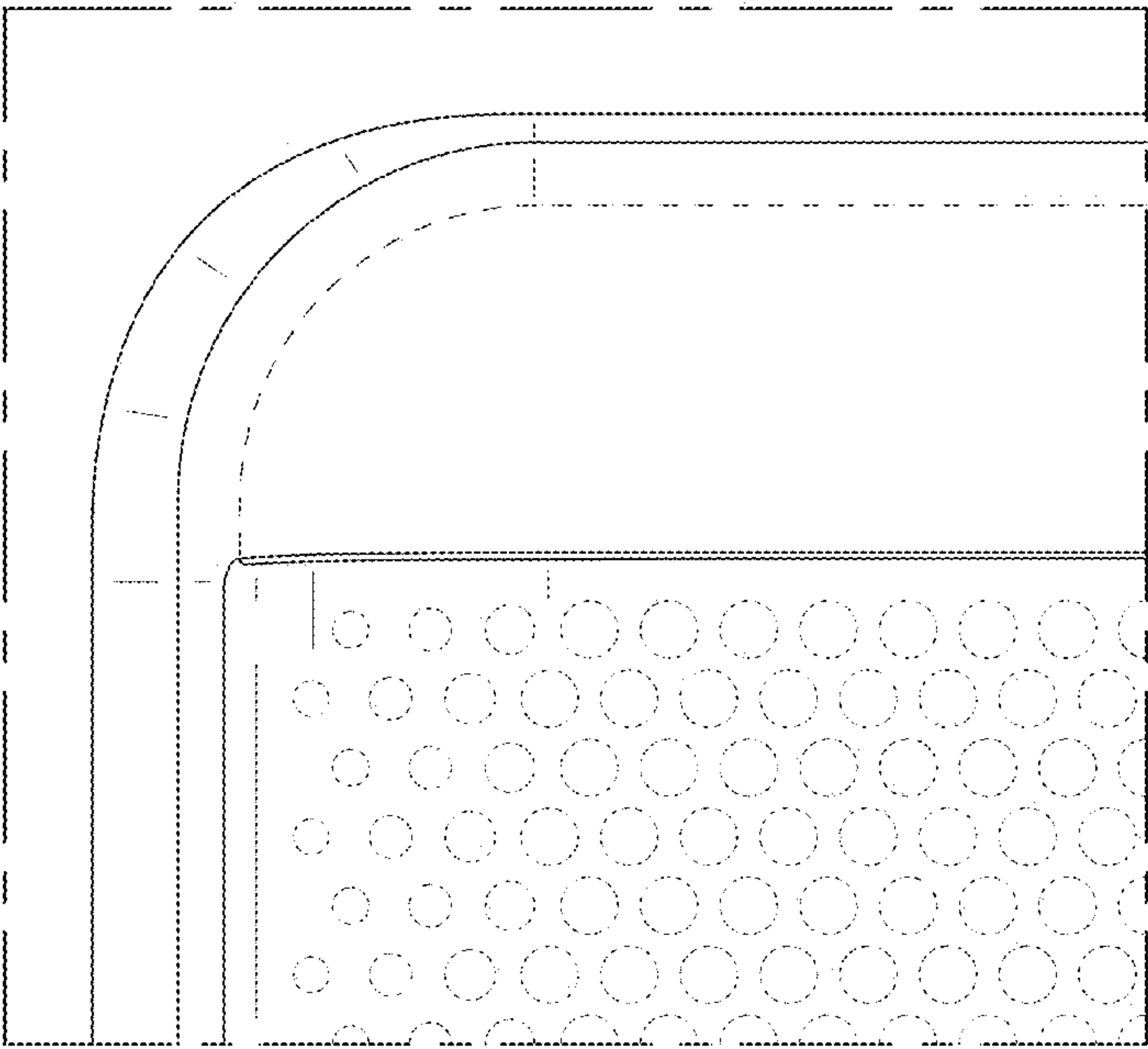


FIG. 10

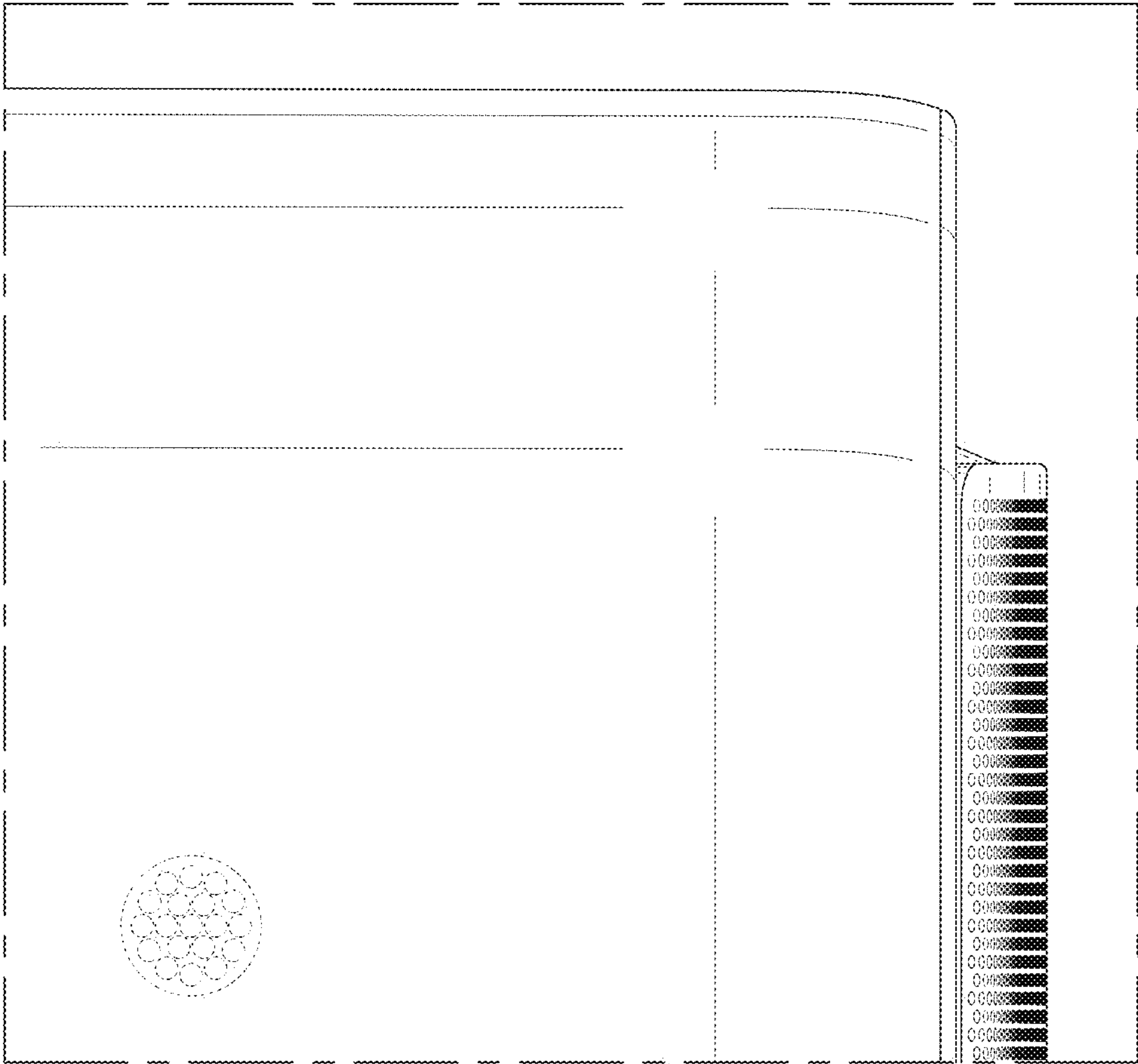


FIG. 11

