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(12) **United States Design Patent**  
**Jo et al.**

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(54) **AIR PURIFIER**

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

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(22) Filed: **Feb. 12, 2021**

(30) **Foreign Application Priority Data**

Oct. 8, 2020 (KR) ..... 30-2020-0048348

(51) **LOC (13) 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; 261/DIG. 17,  
261/DIG. 65, DIG. 88, DIG. 31  
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 13/20; F24F 13/28

See application file for complete search history.

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(57) **CLAIM**

We 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 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 8 in FIG. 1;

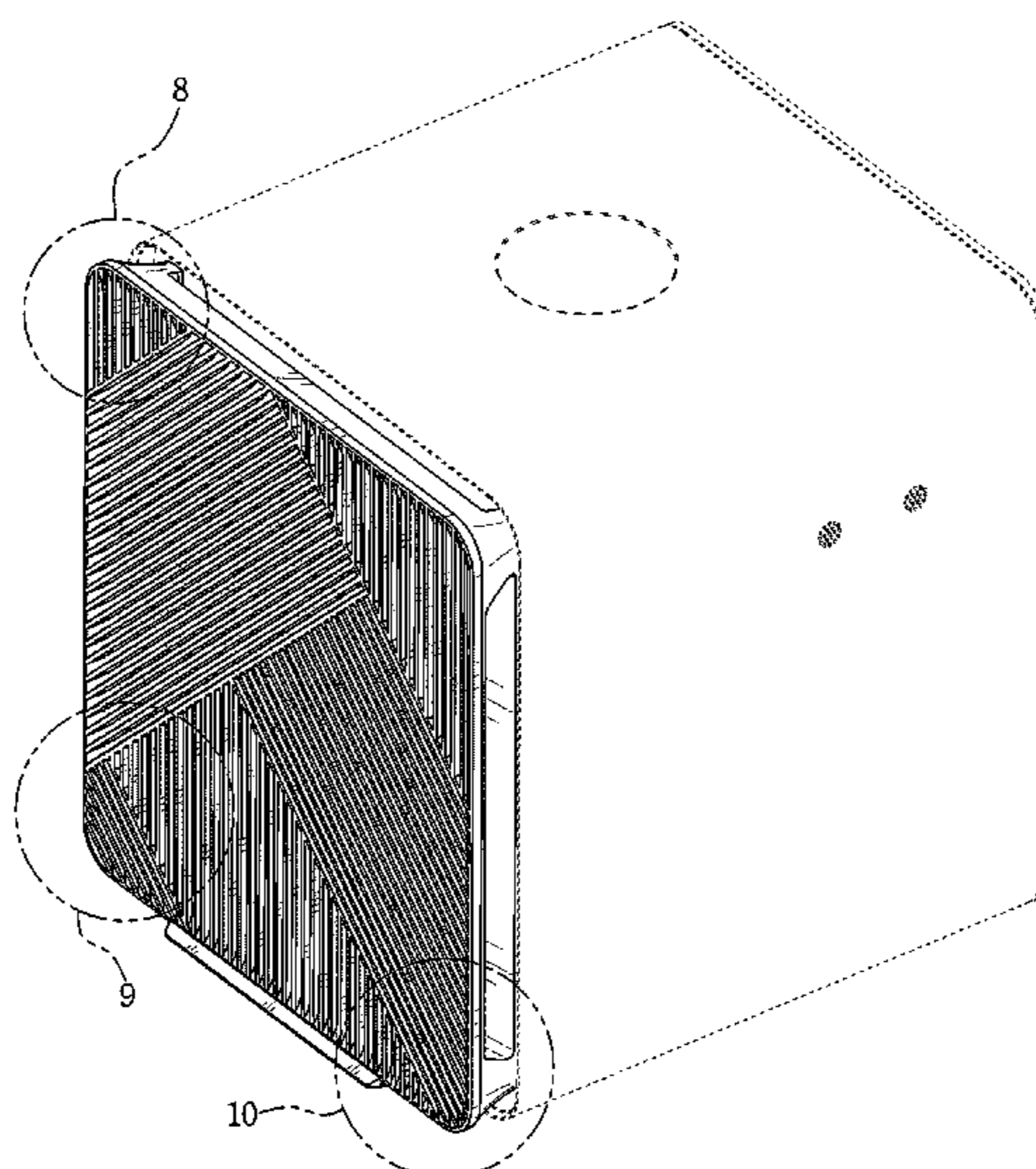
FIG. 9 is an enlarged view of the encircled portion 9 in FIG. 1; and,

FIG. 10 is an enlarged view of the encircled portion 10 in FIG. 1.

The evenly-dashed broken lines in the figures depict portions of the air purifier which form no part of the claimed design.

The dot-dot-dash broken lines encircling portions of the claimed design that are illustrated in enlargements form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



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FIG. 1

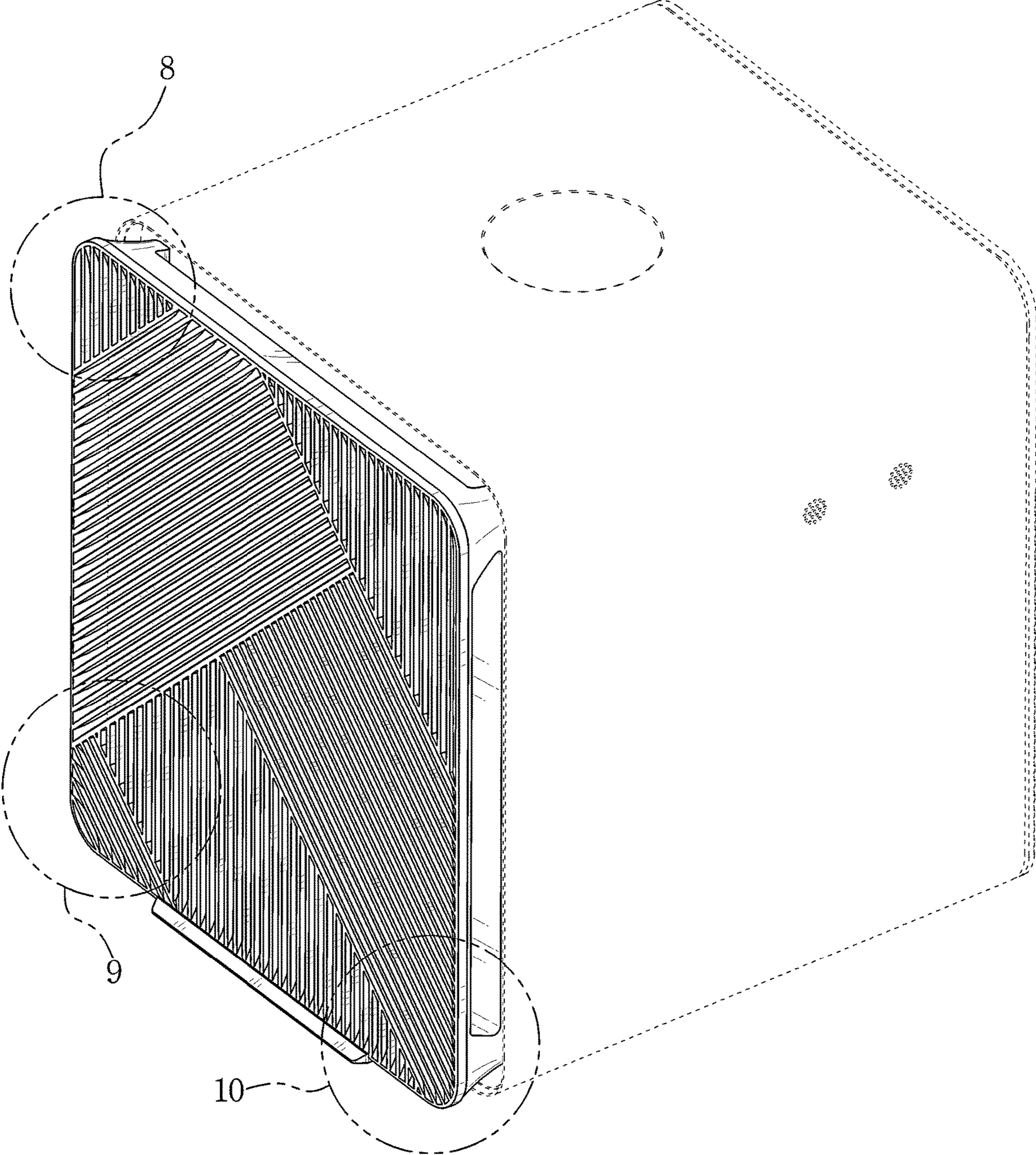




FIG. 2

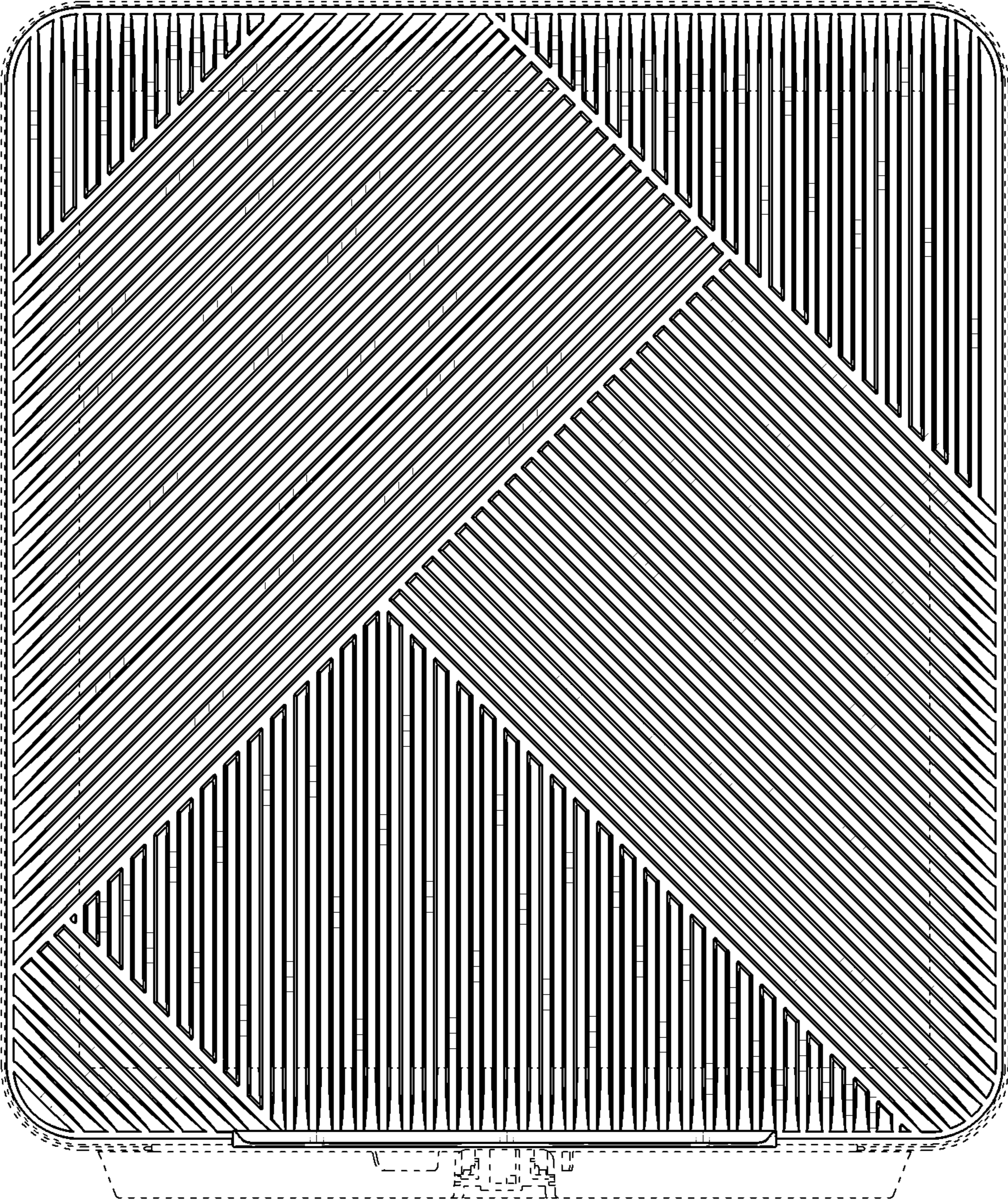




FIG. 3

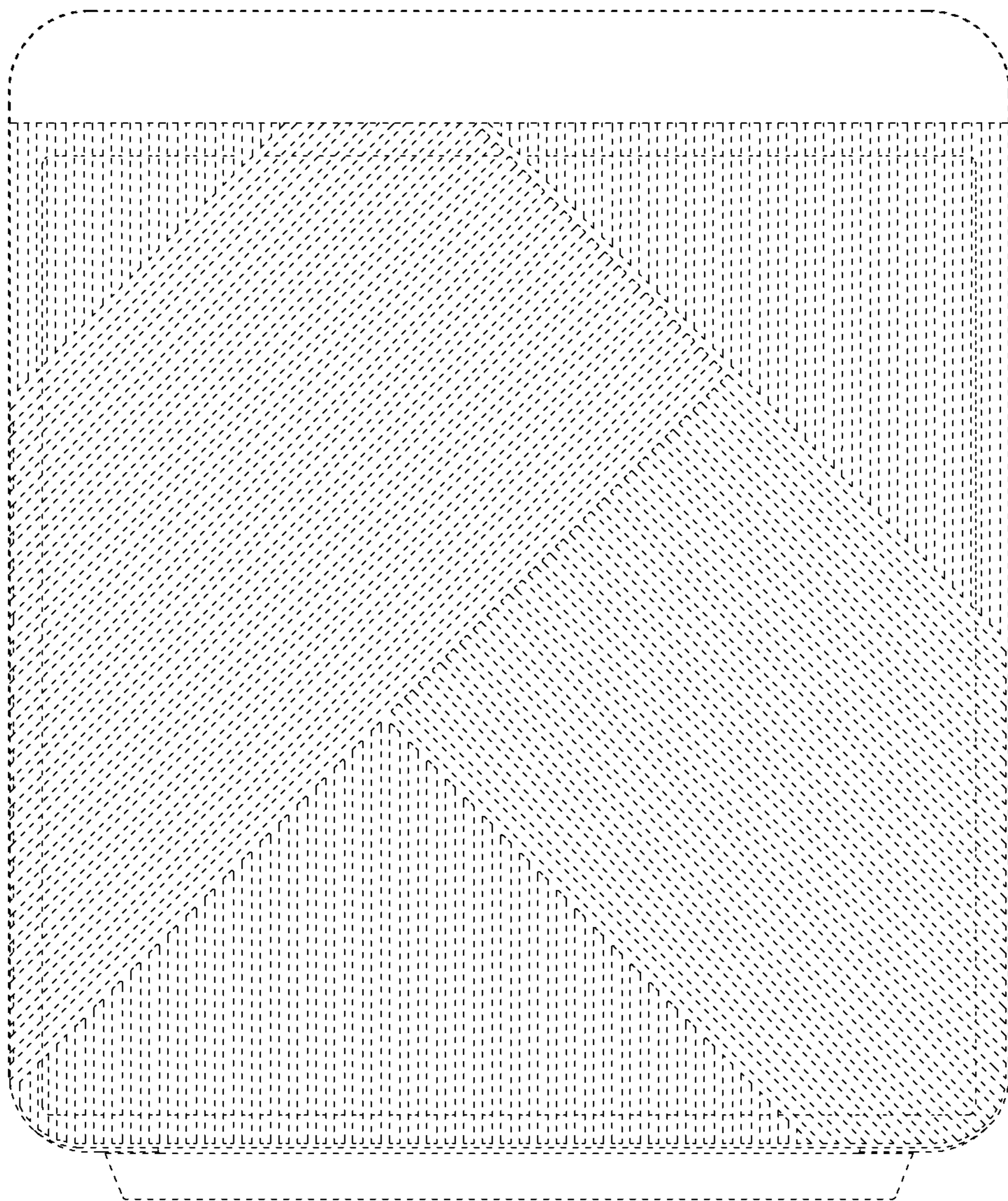


FIG. 4

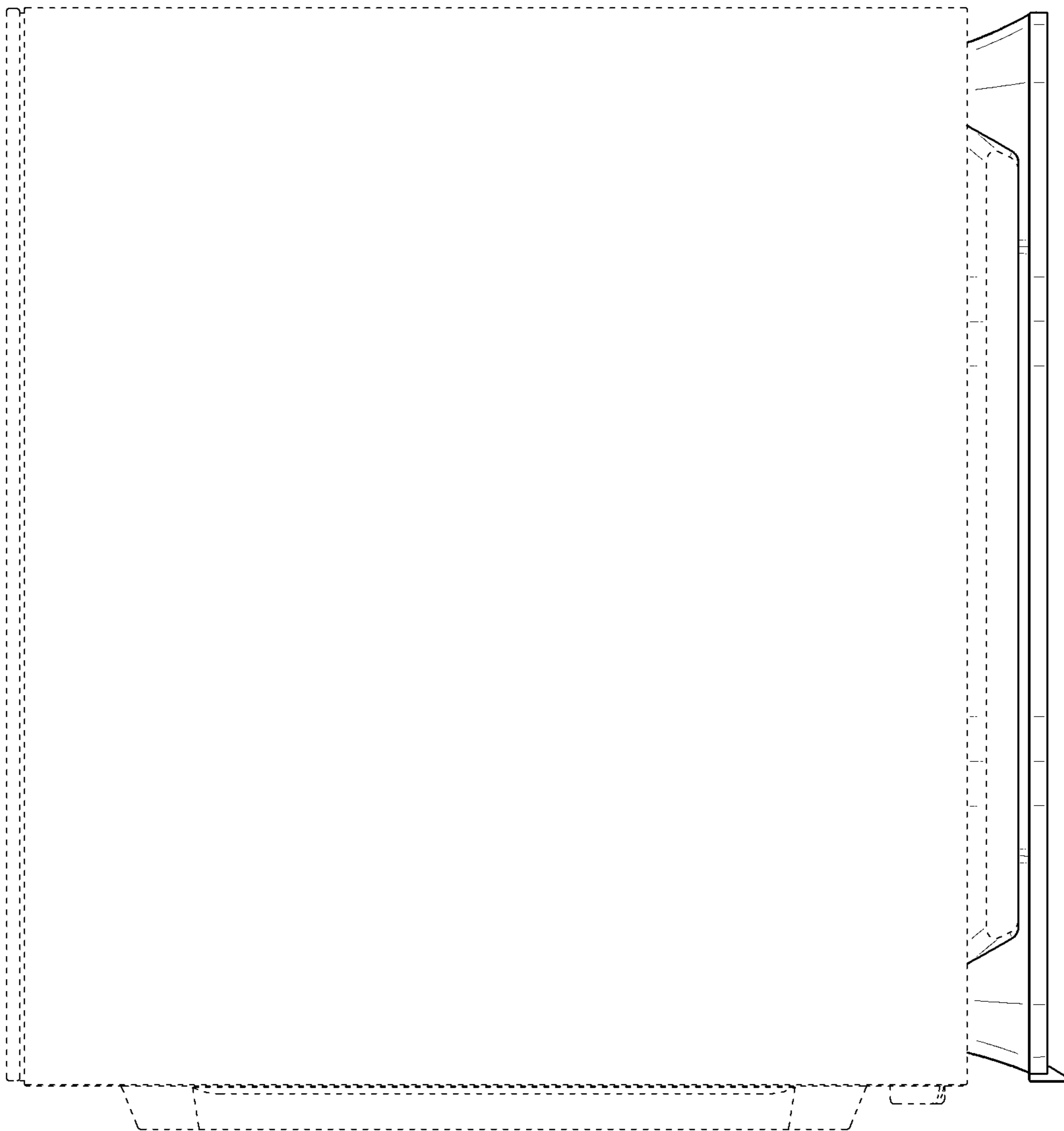


FIG. 5

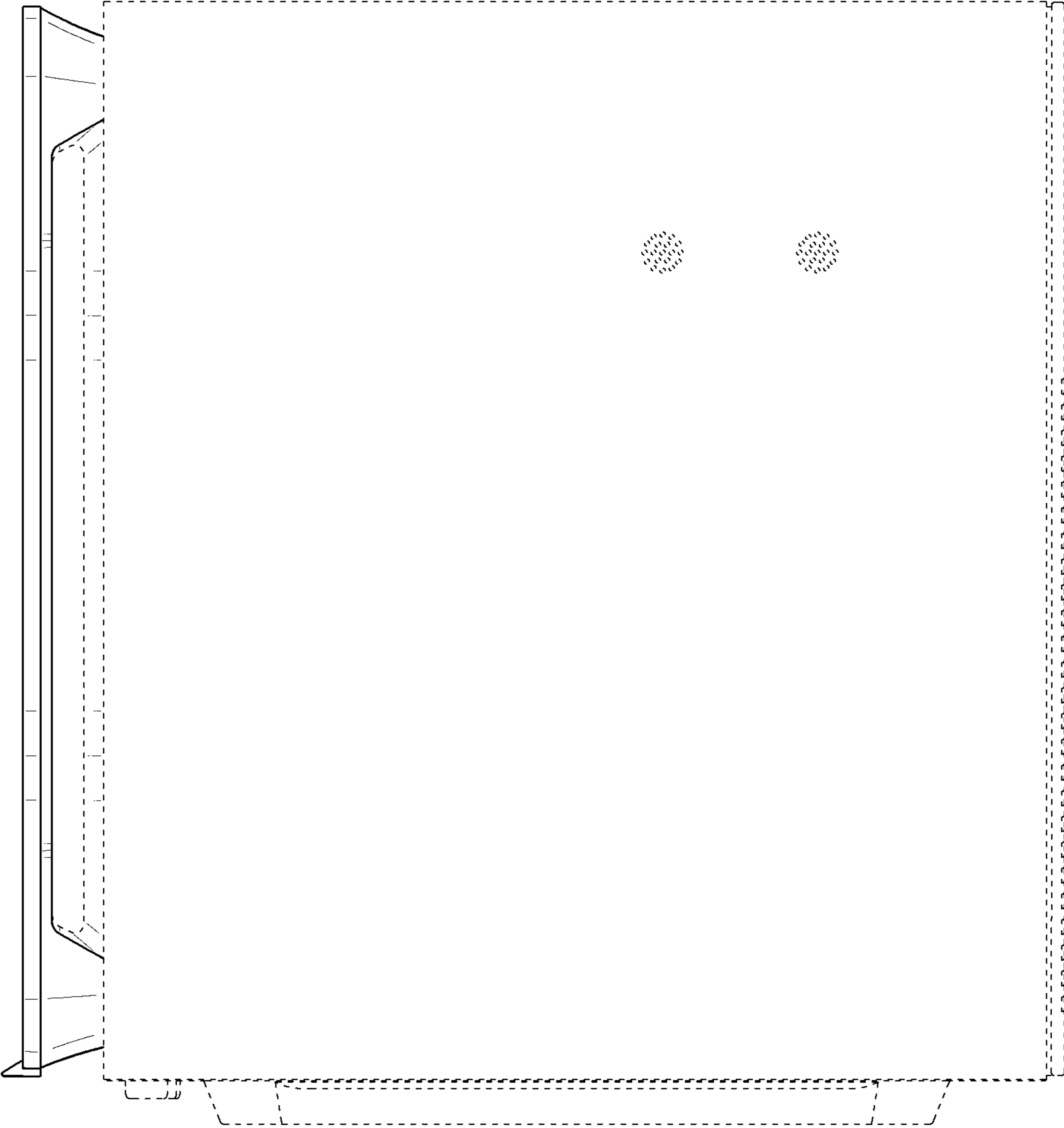


FIG. 6

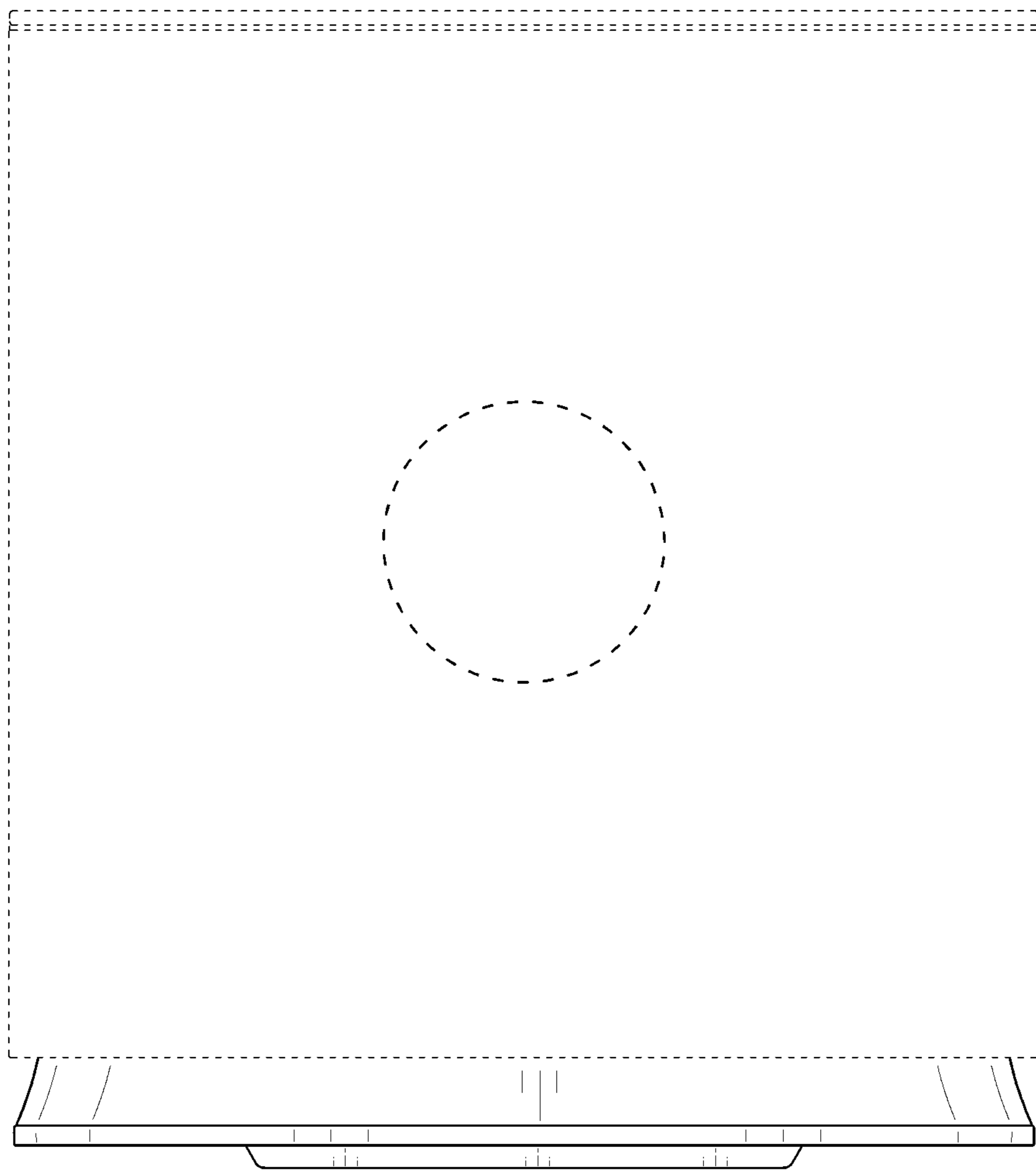




FIG. 7

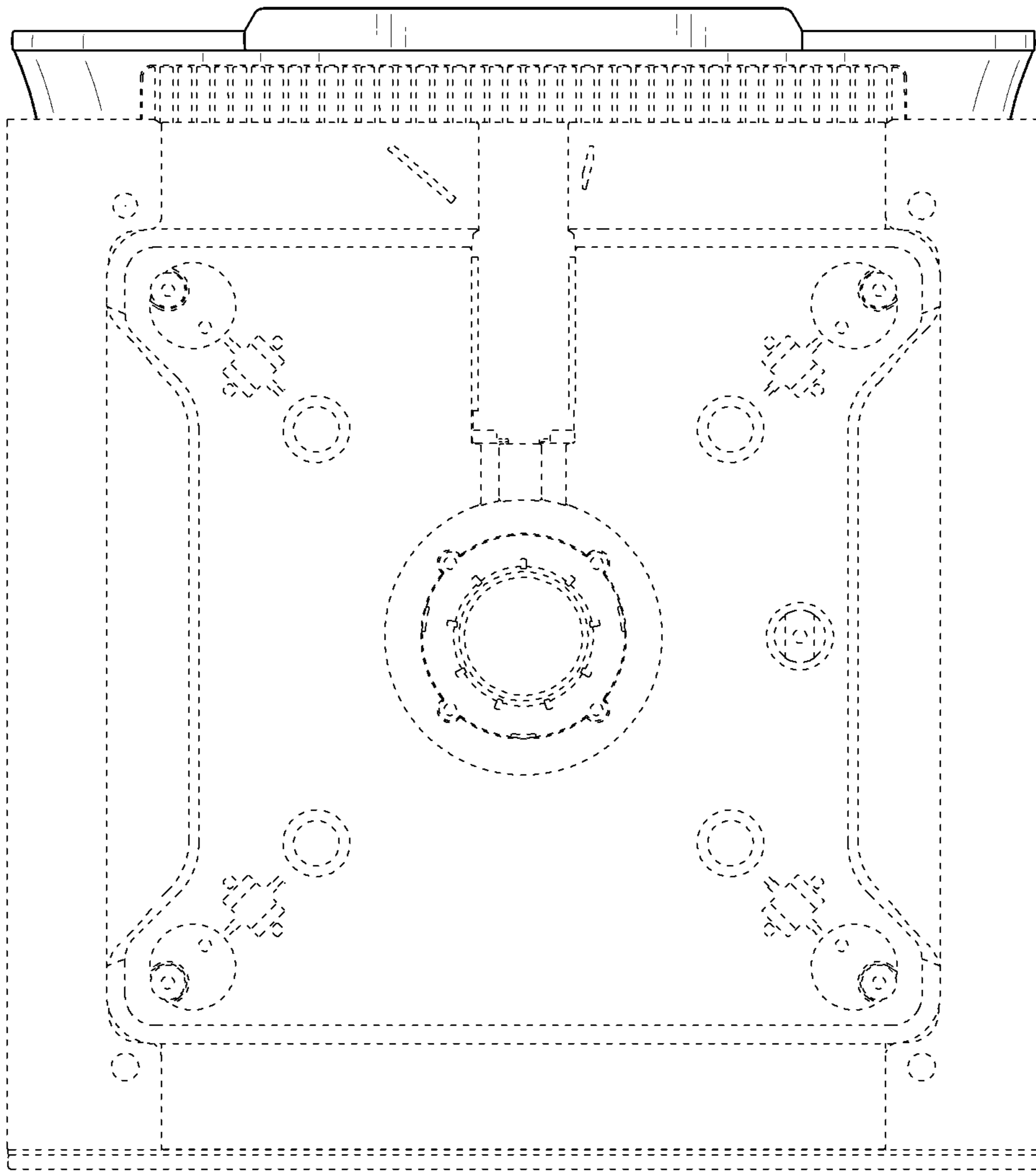


FIG. 8

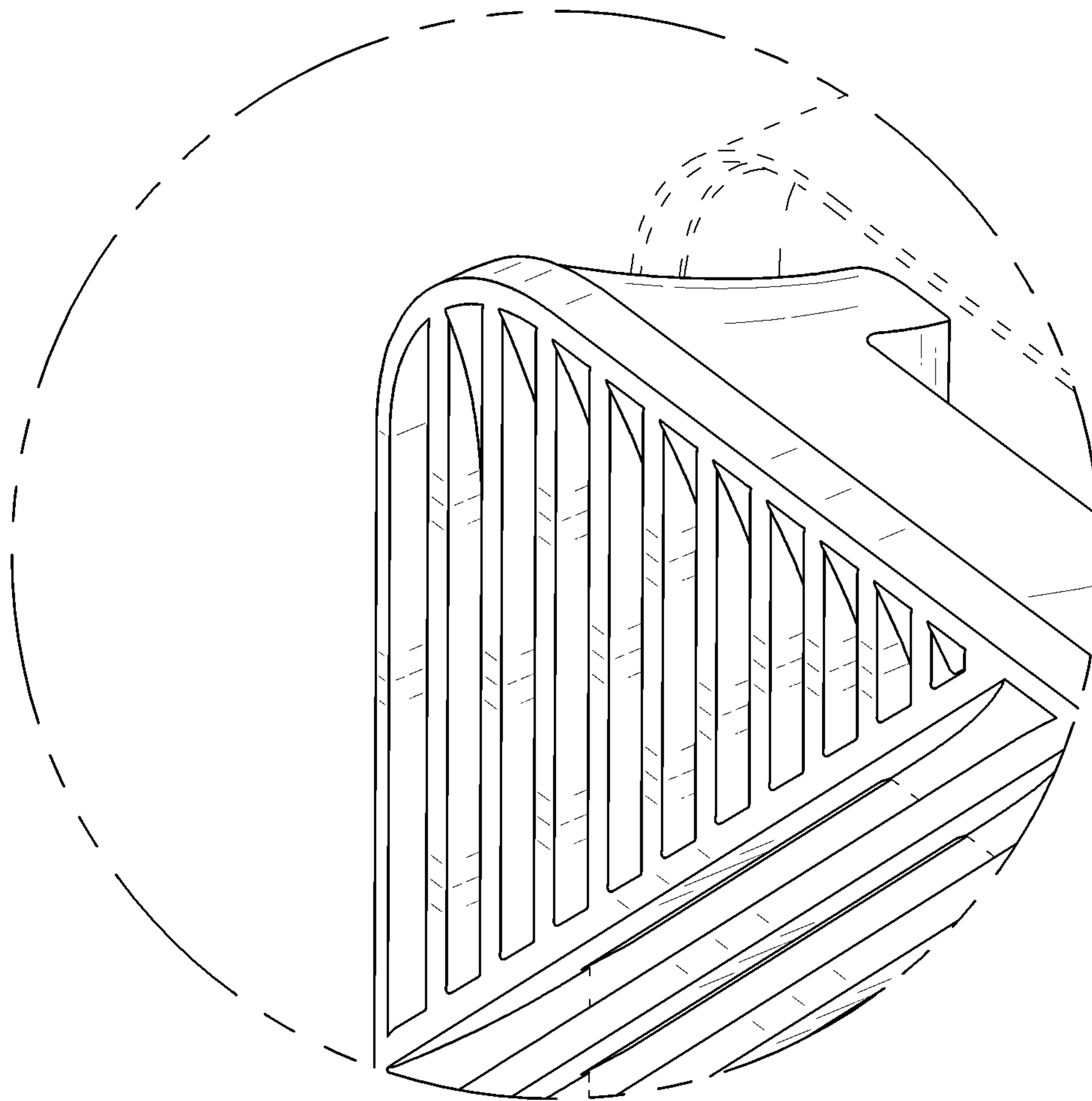


FIG. 9

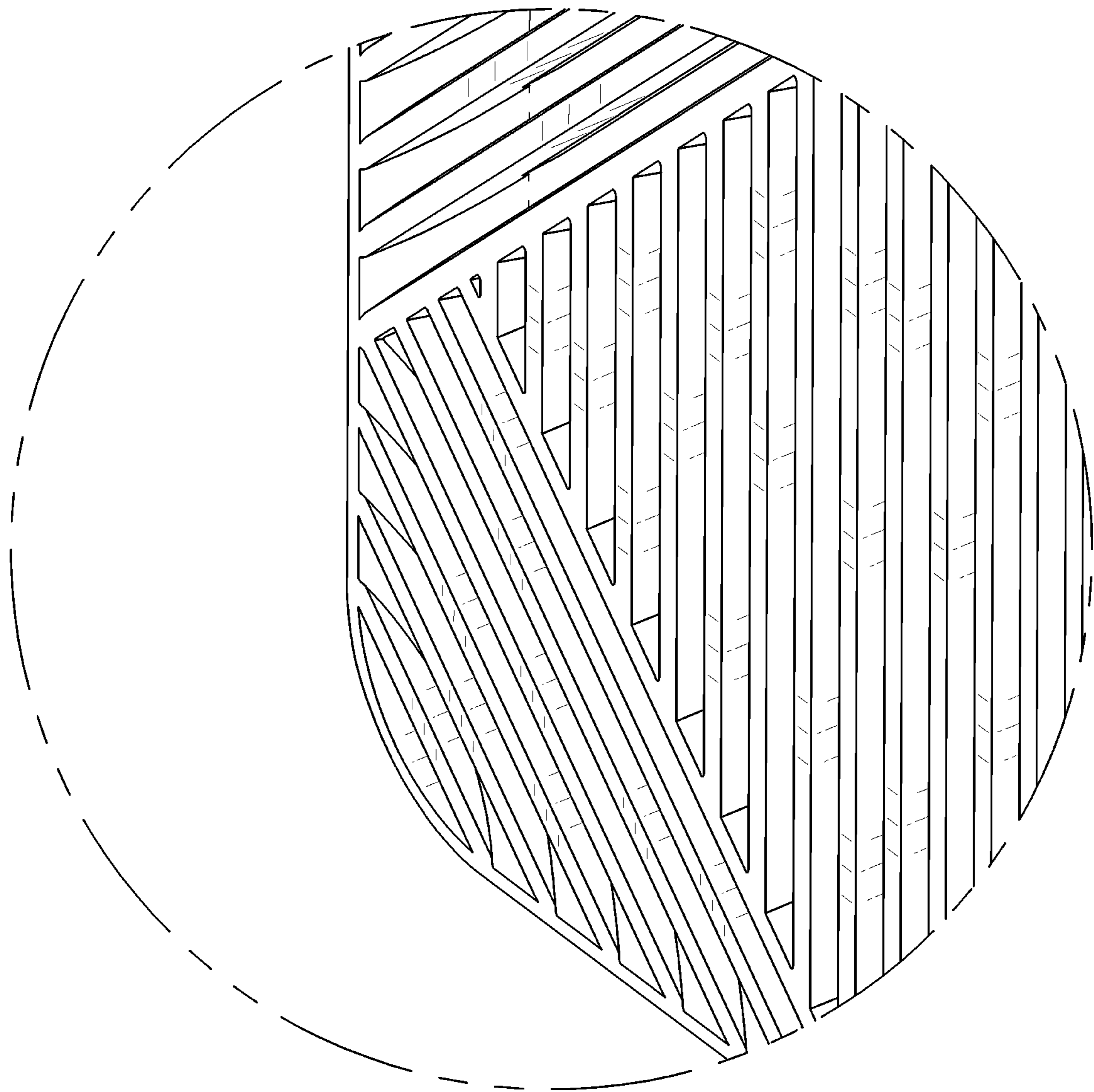




FIG. 10

