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(12) **United States Design Patent** (10) **Patent No.:** **US D979,028 S**  
**Yu** (45) **Date of Patent:** **\*\* Feb. 21, 2023**

(54) **AIR PURIFIER**  
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(\*\*) Term: **15 Years**

\* cited by examiner

(21) Appl. No.: **29/765,978**

*Primary Examiner* — David G Muller

(22) Filed: **Jan. 13, 2021**

(74) *Attorney, Agent, or Firm* — Mark M. Friedman

(51) **LOC (14) Cl.** ..... **23-04**

(57) **CLAIM**

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

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

(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

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a front perspective view of an air purifier showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a rear view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

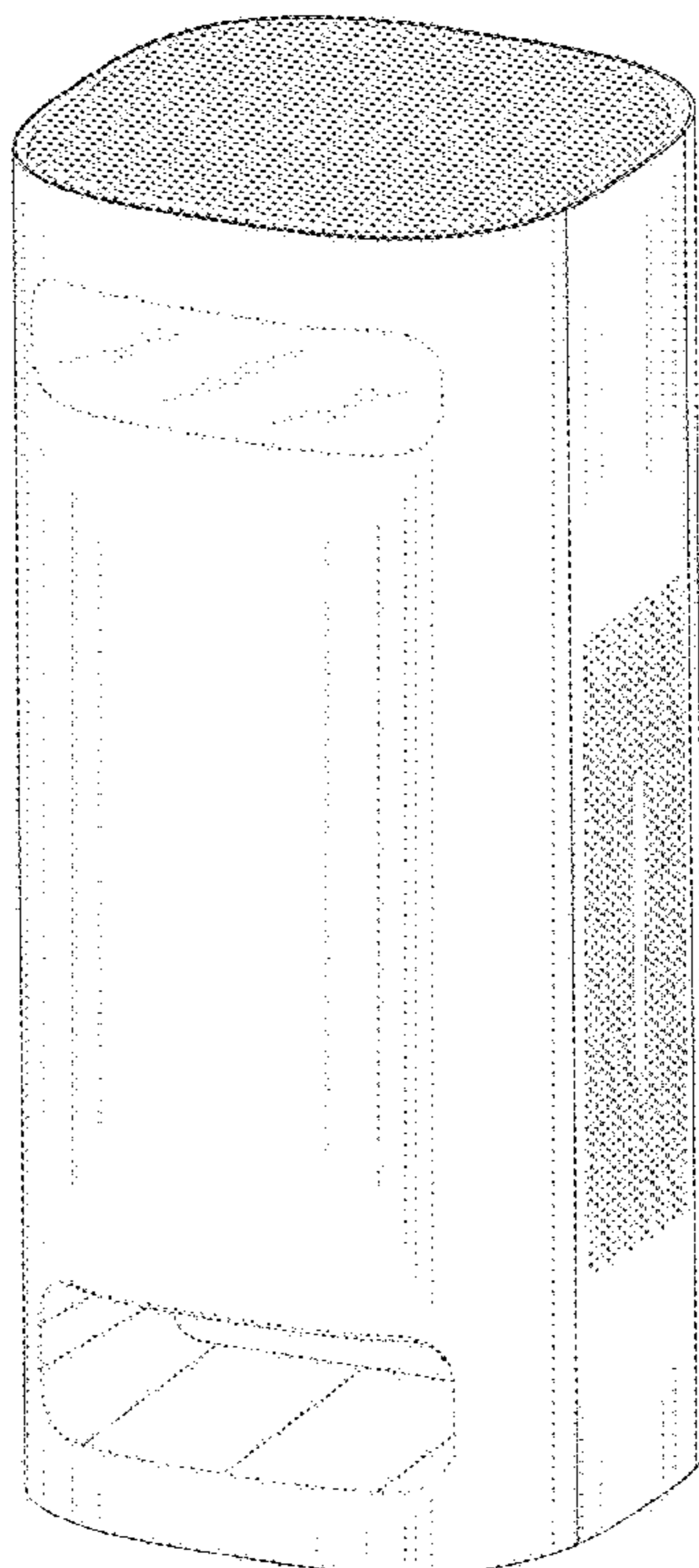
The broken line illustrations in the drawings depict portions of the air purifier that form no part of the claimed design.

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**1 Claim, 7 Drawing Sheets**



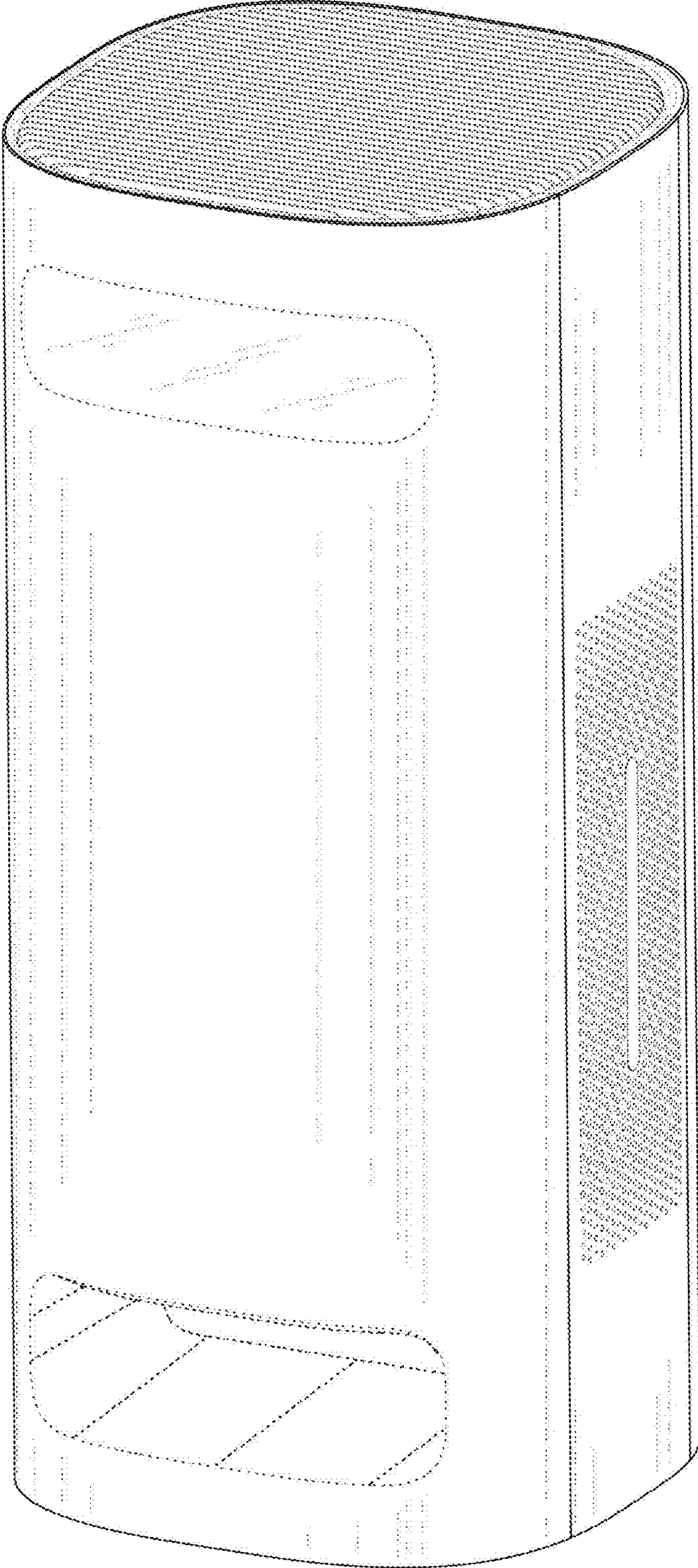


FIG. 1

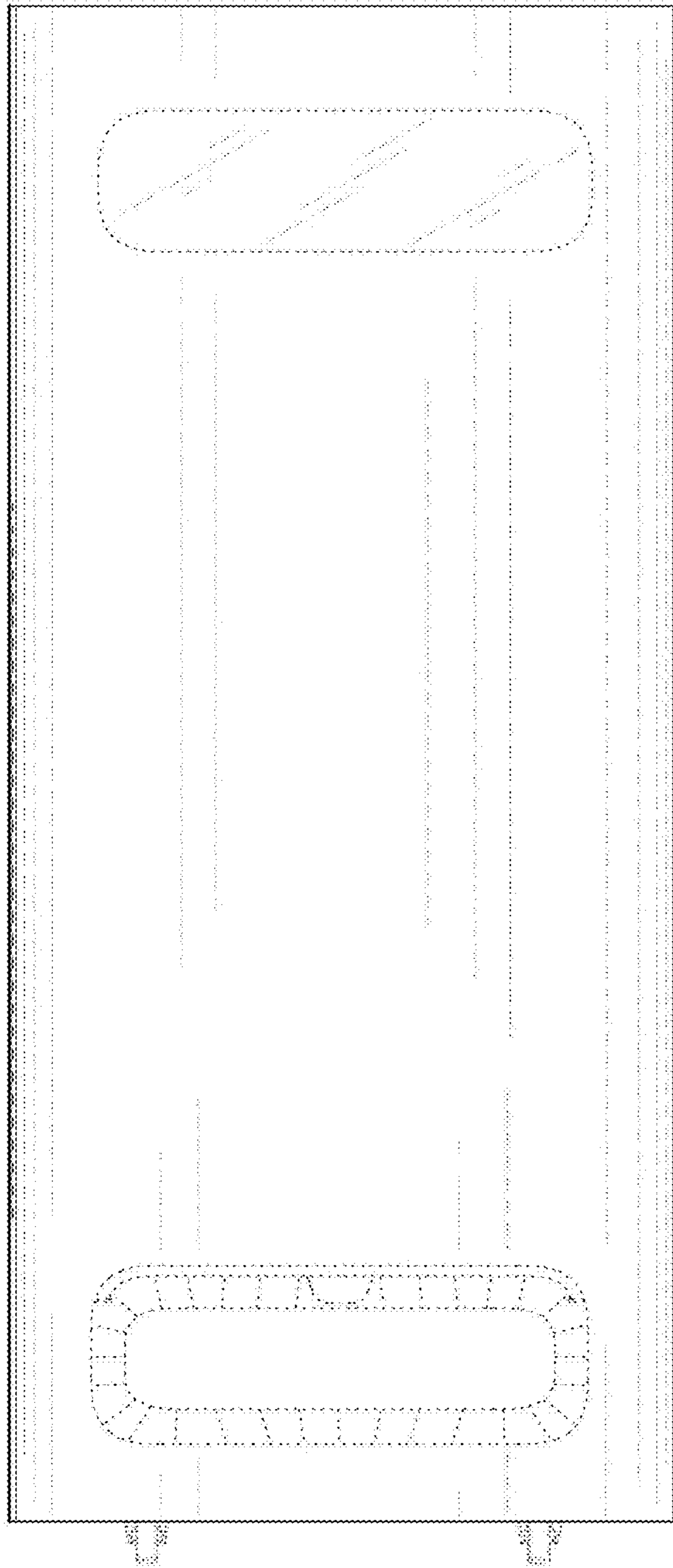


FIG. 2

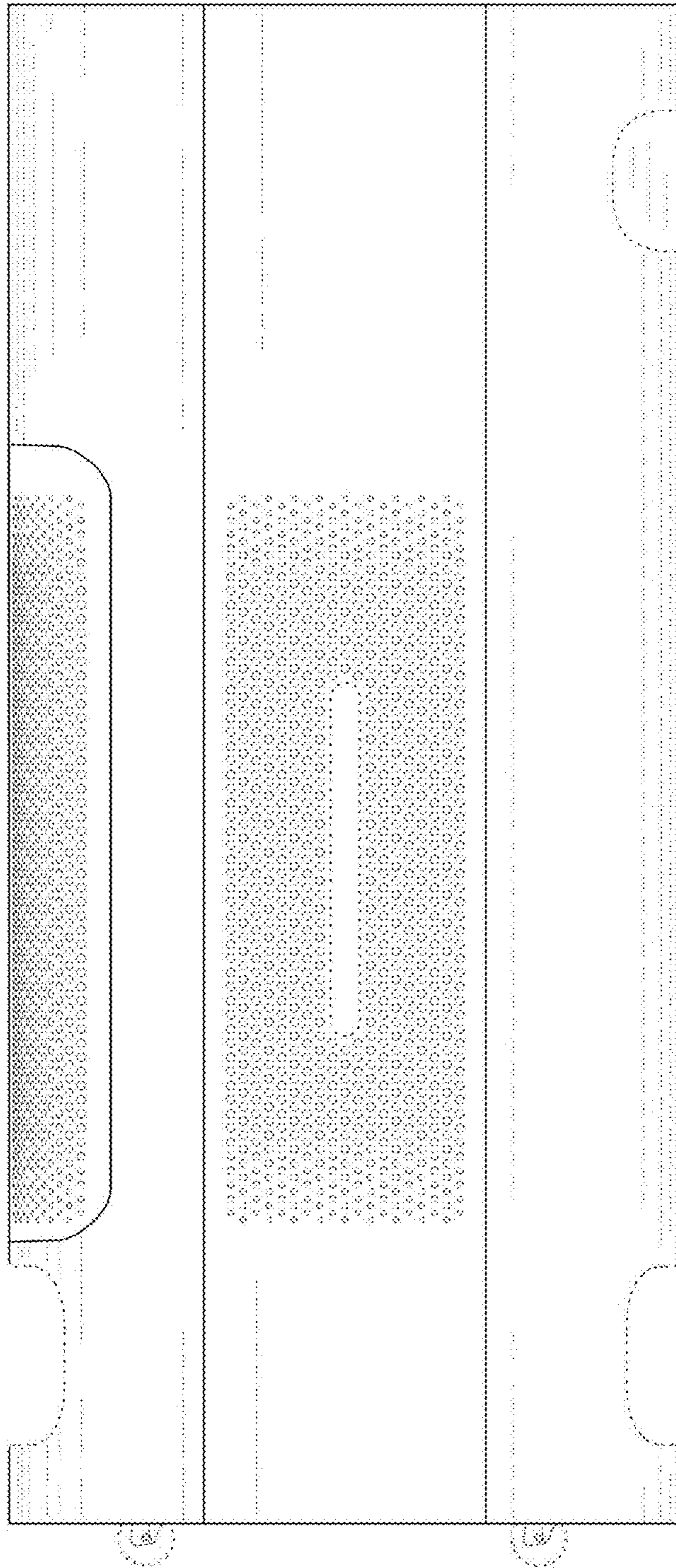


FIG. 3

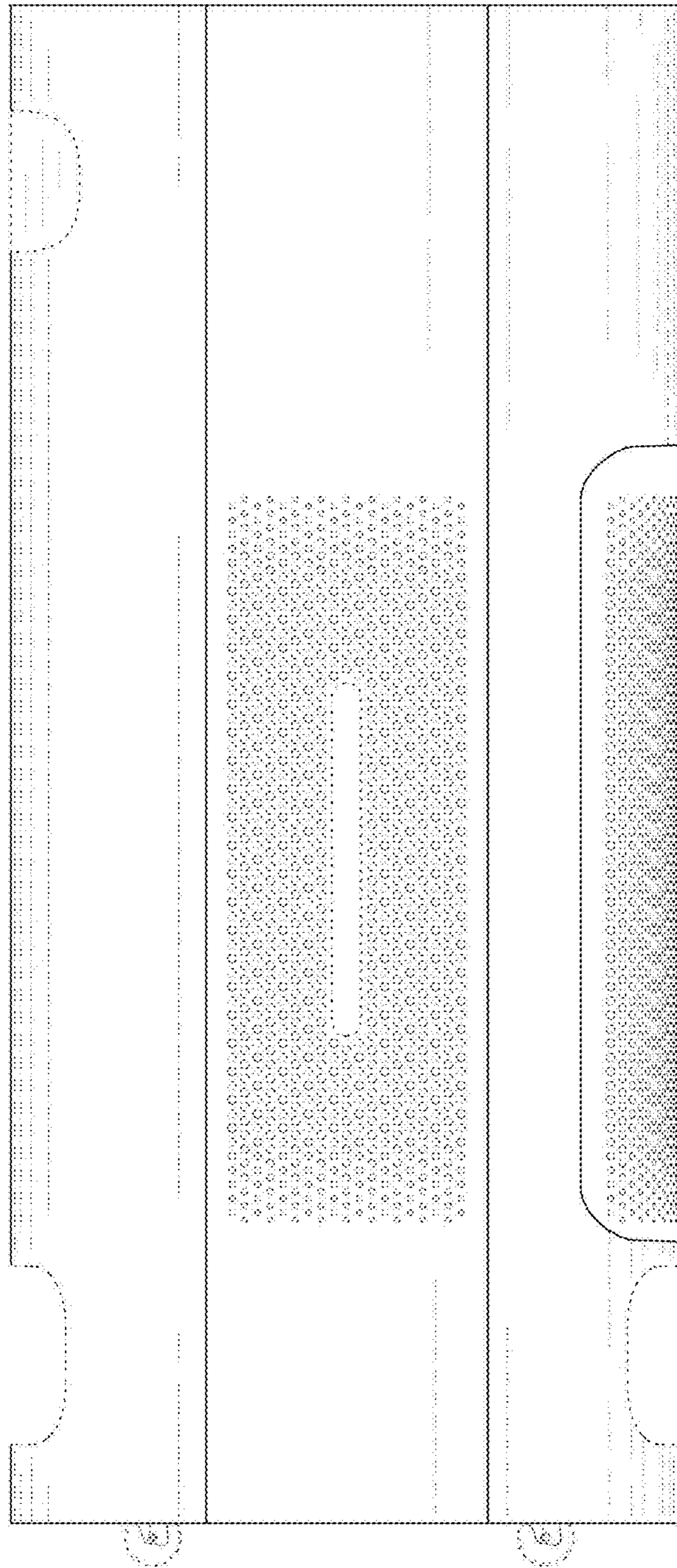


FIG. 4

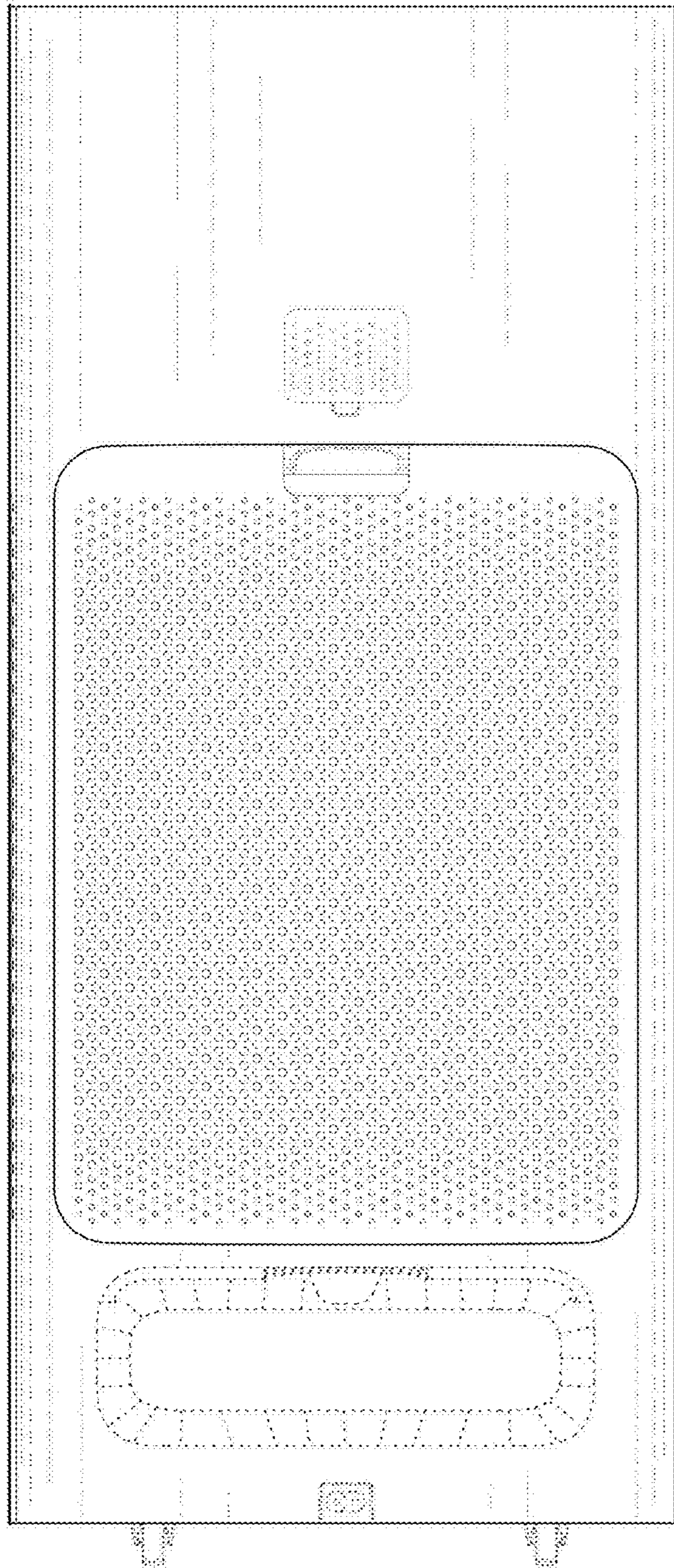


FIG. 5

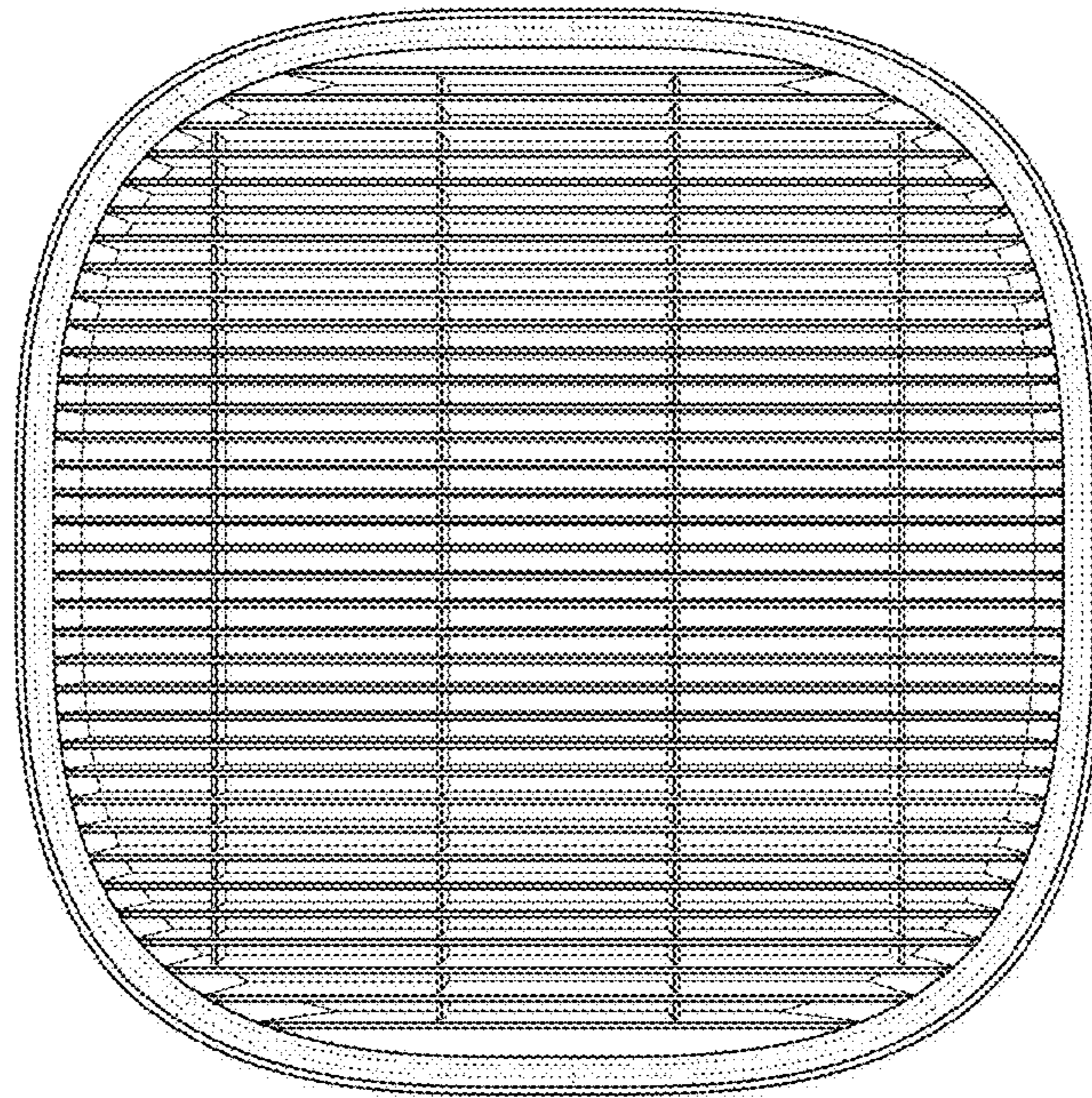


FIG. 6

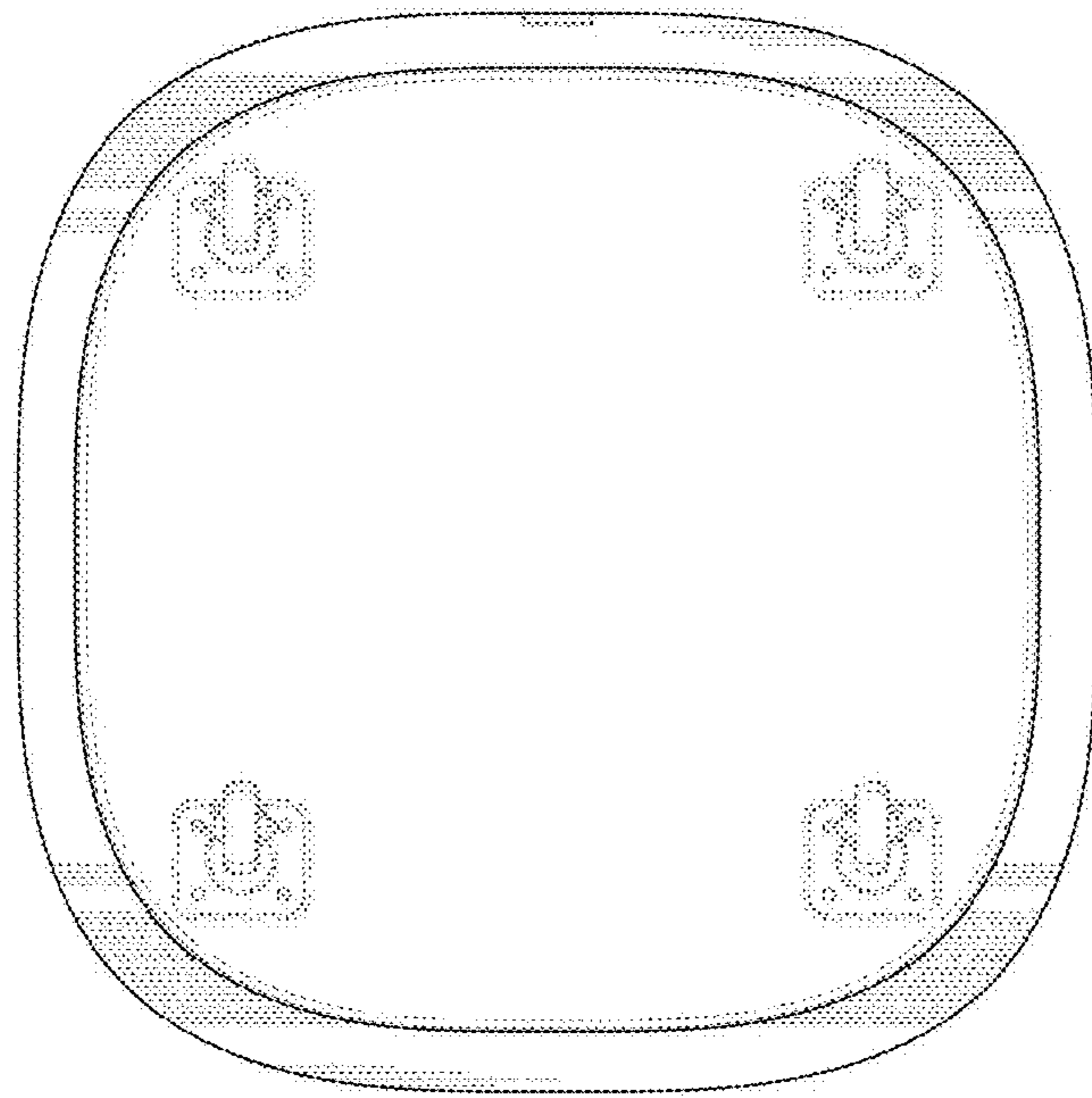


FIG. 7