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(12) **United States Design Patent**  
**Xu**

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(54) **AIR PURIFIER**

(71) Applicant: **Shenzhen Pioneer Technology co., Ltd**, Shenzhen (CN)

(72) Inventor: **Tongdi Xu**, Shenzhen (CN)

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

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(30) **Foreign Application Priority Data**

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(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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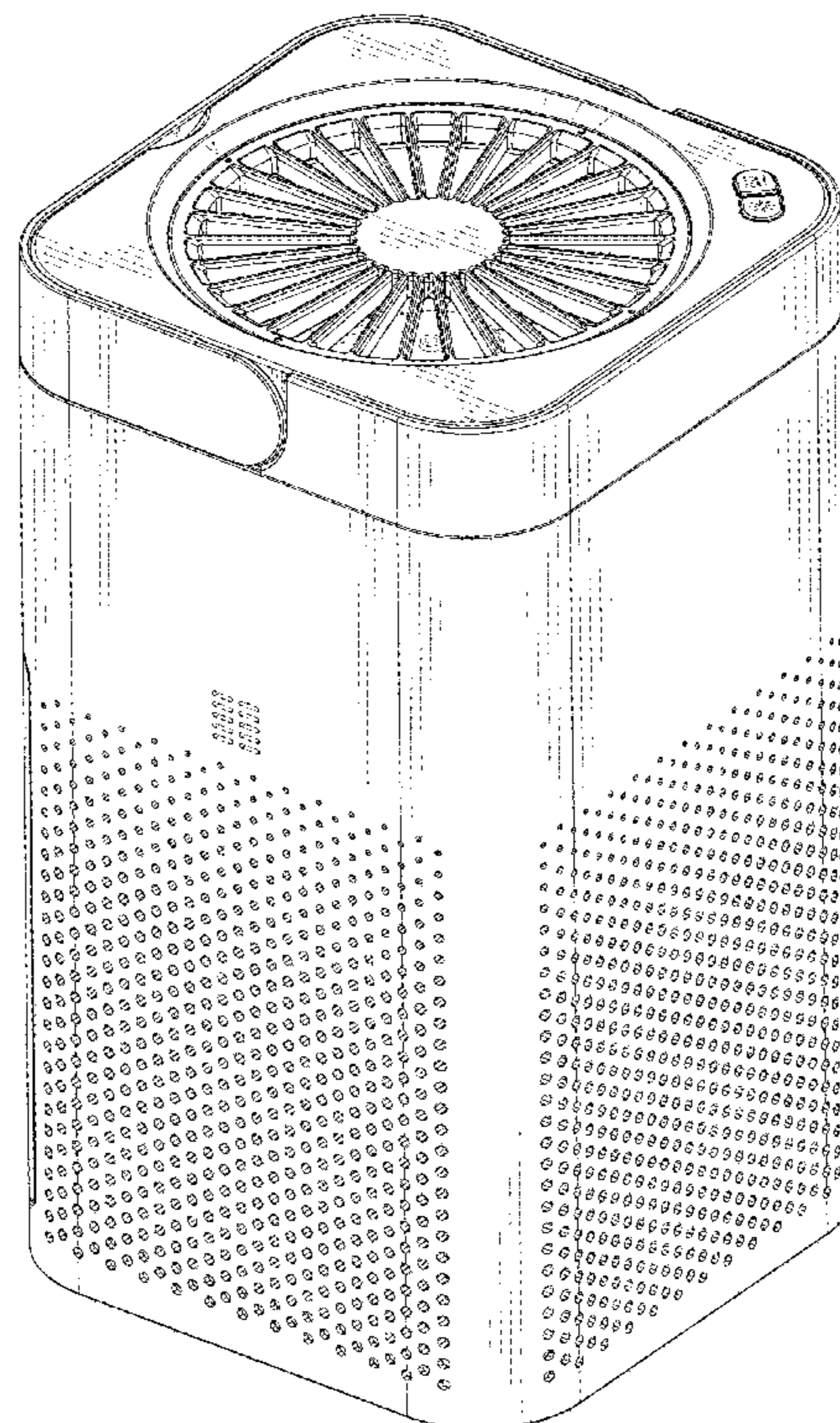
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of an air purifier showing my 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 plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is another perspective view thereof.  
The dashed or broken lines shown in the drawings depict portions of the air purifier in which the design is embodied that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



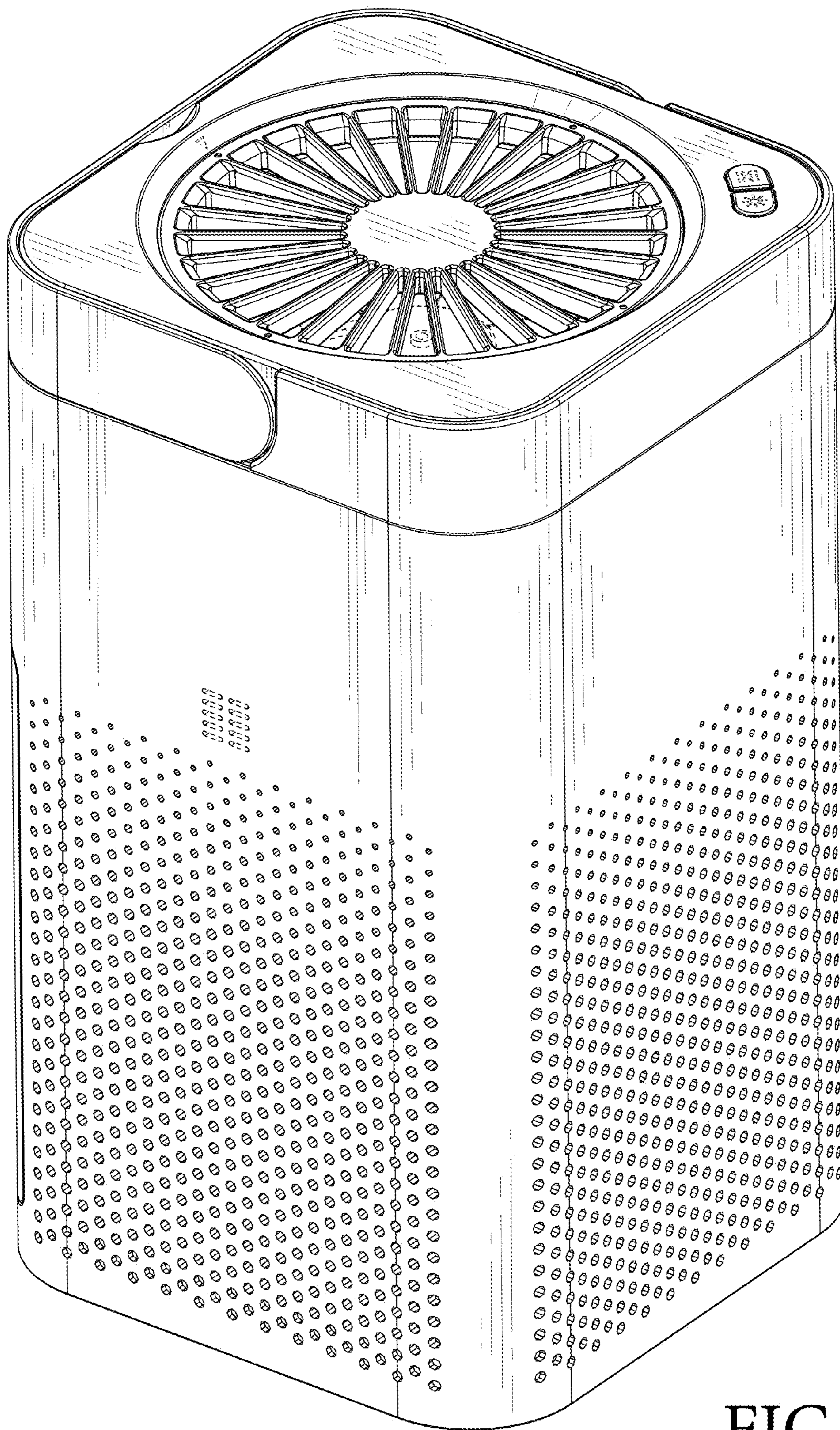


FIG. 1

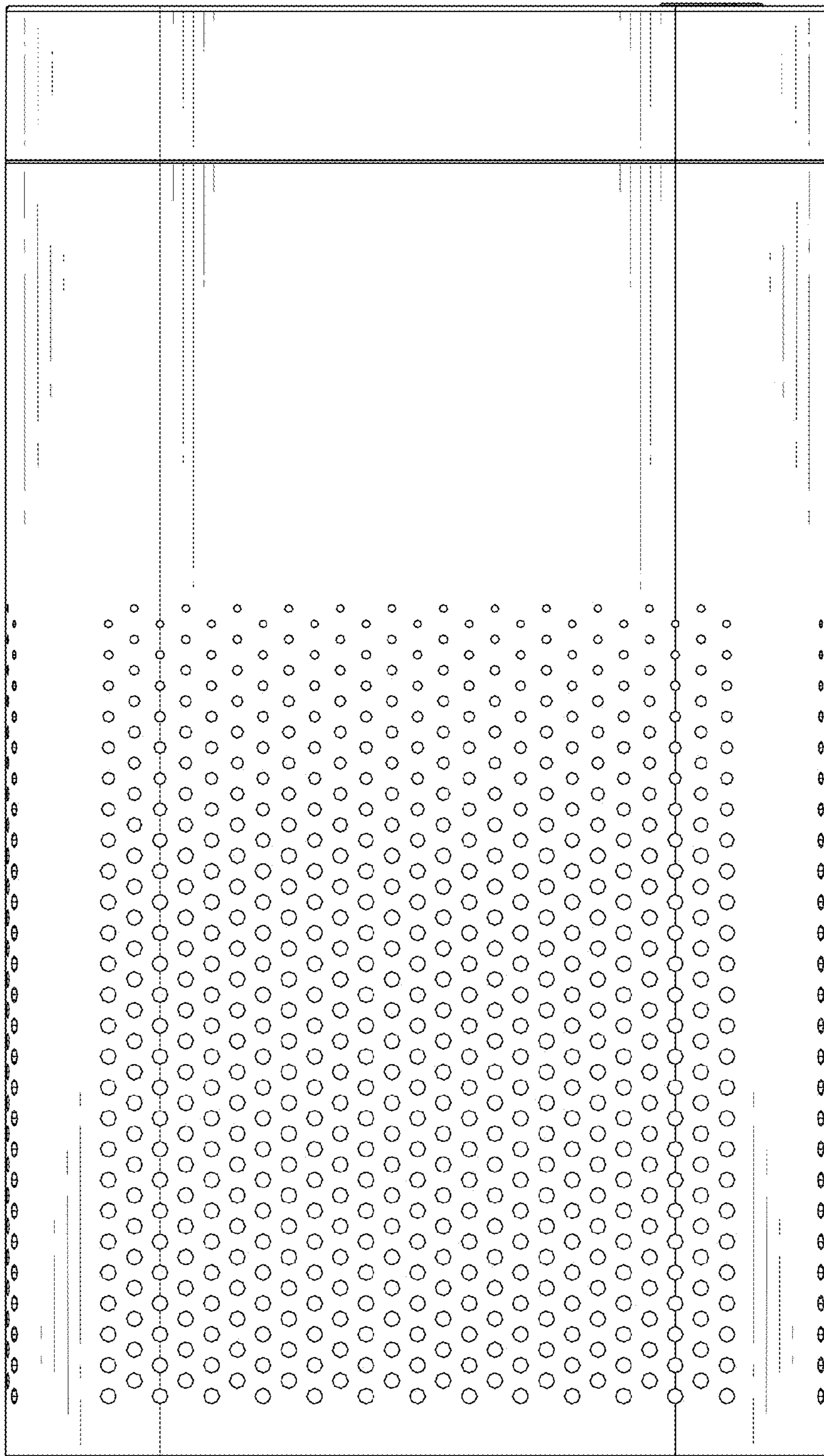


FIG.2

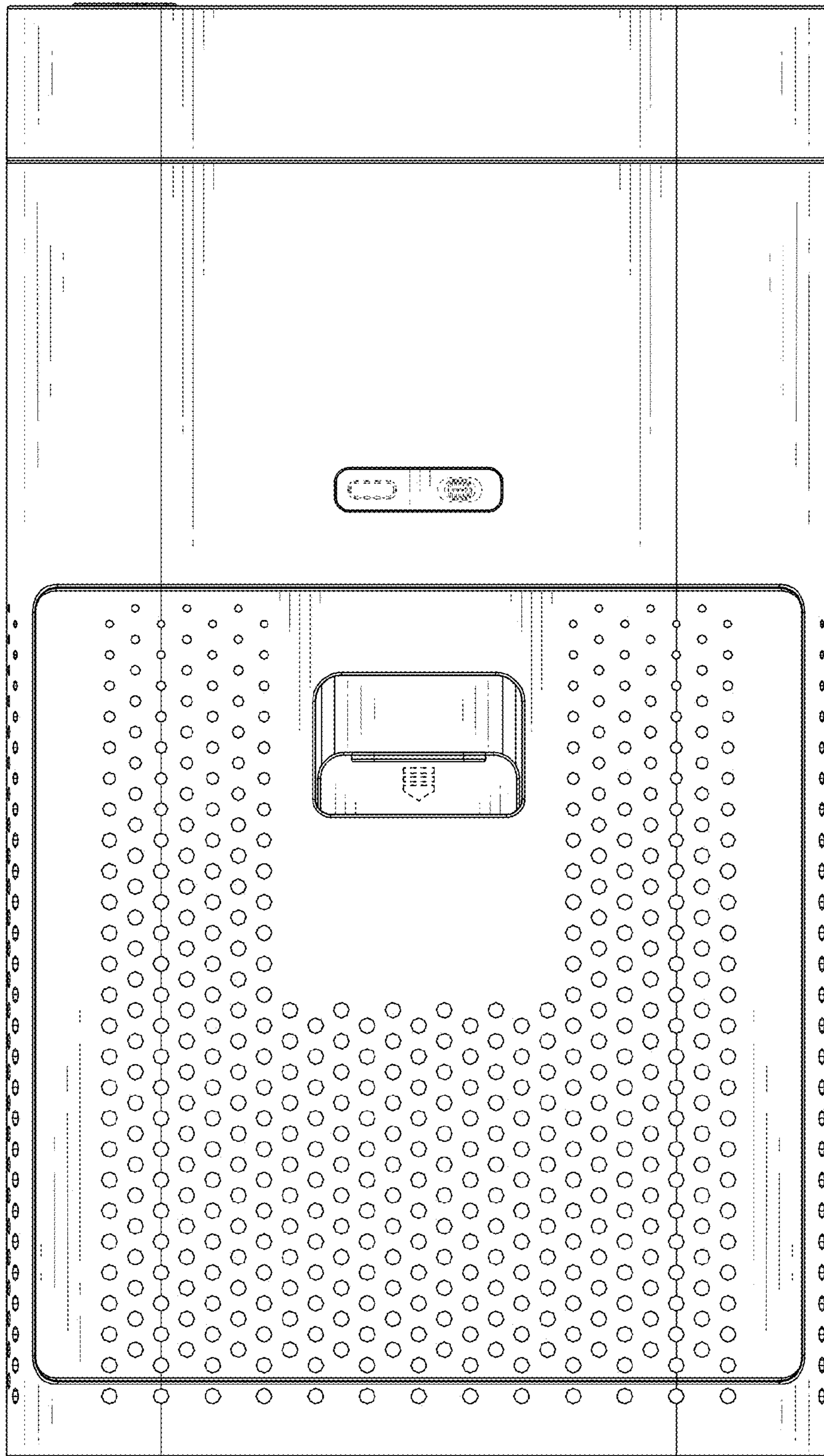


FIG.3

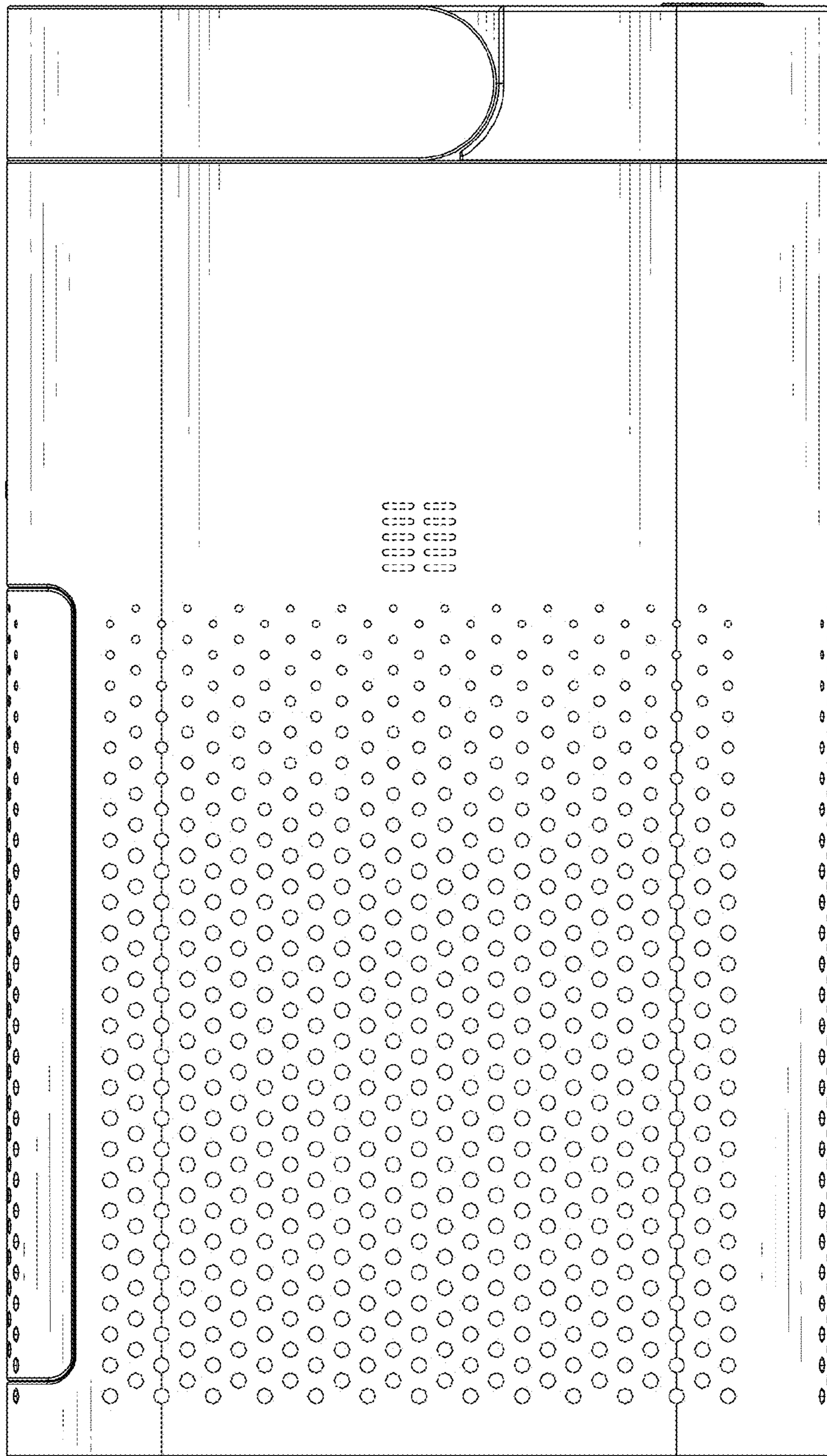


FIG.4

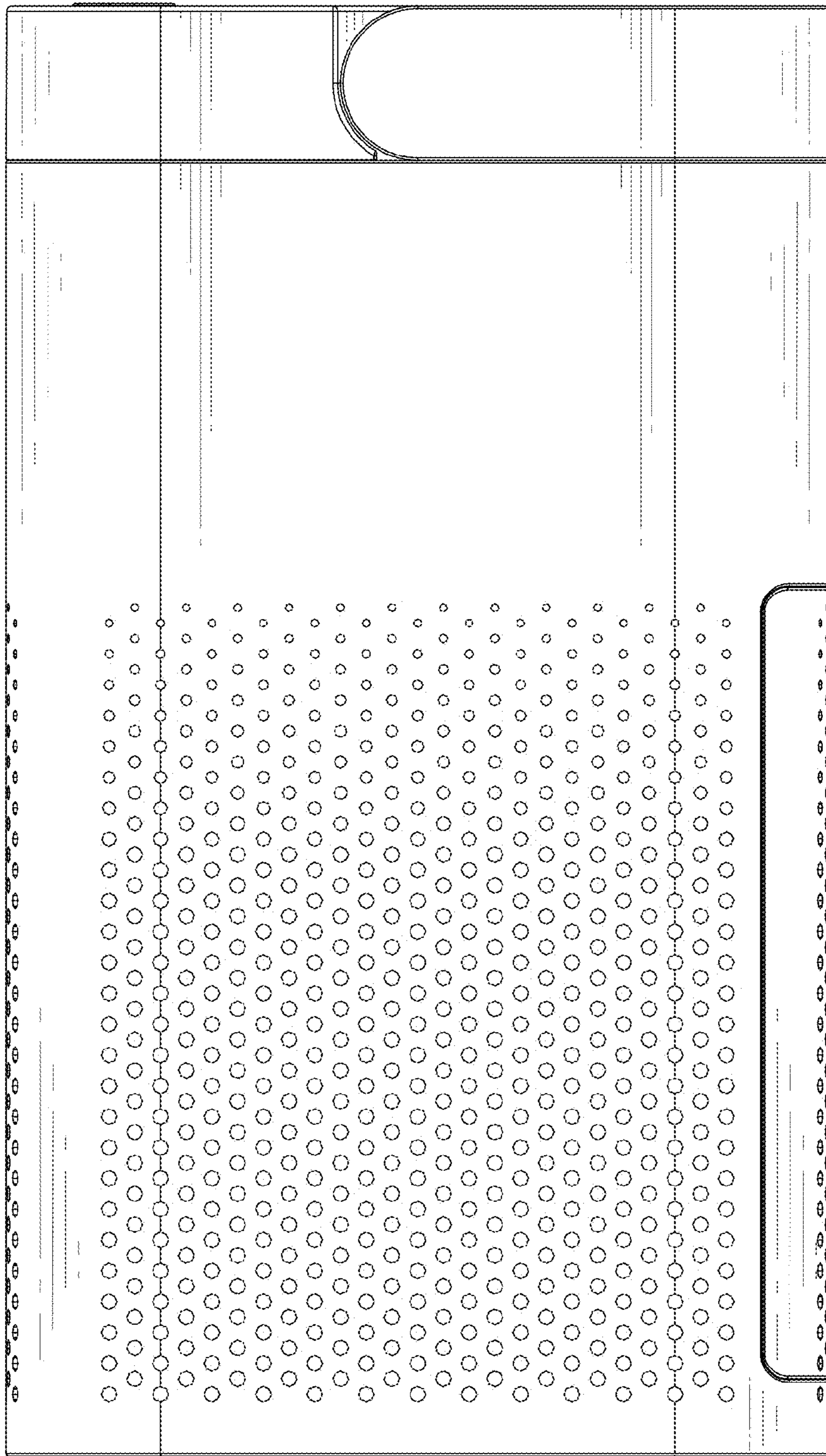


FIG.5

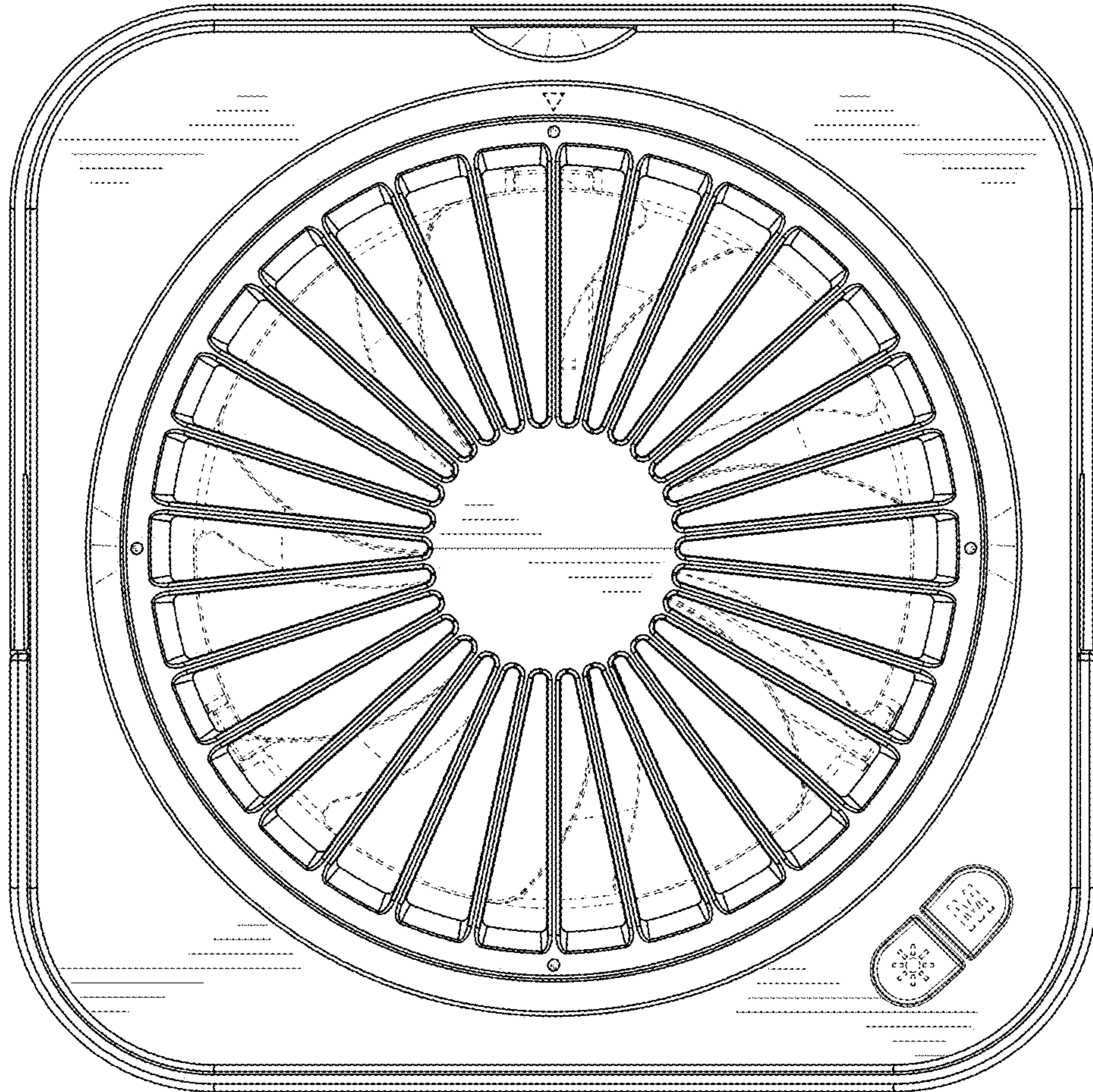


FIG.6

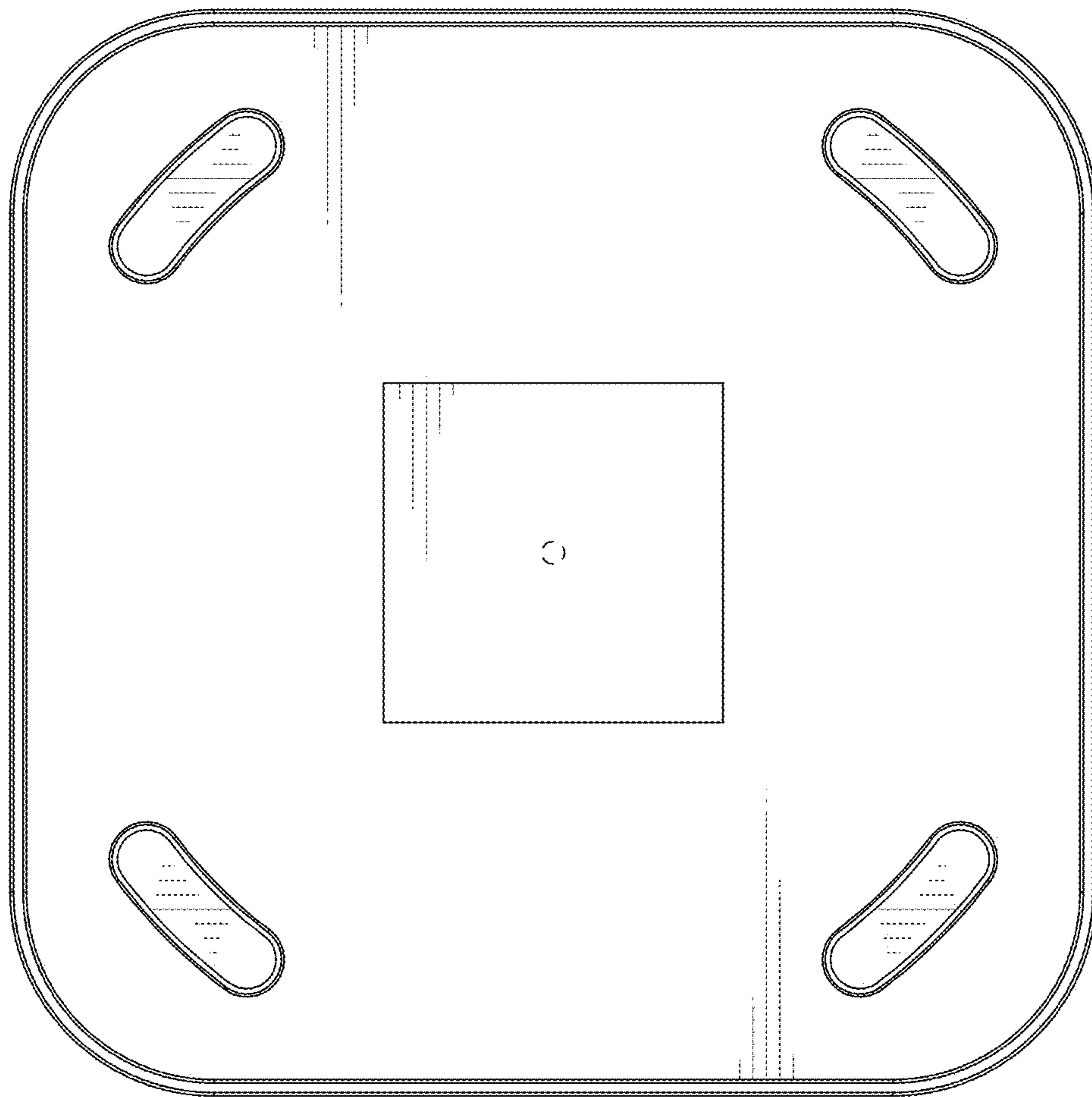


FIG. 7



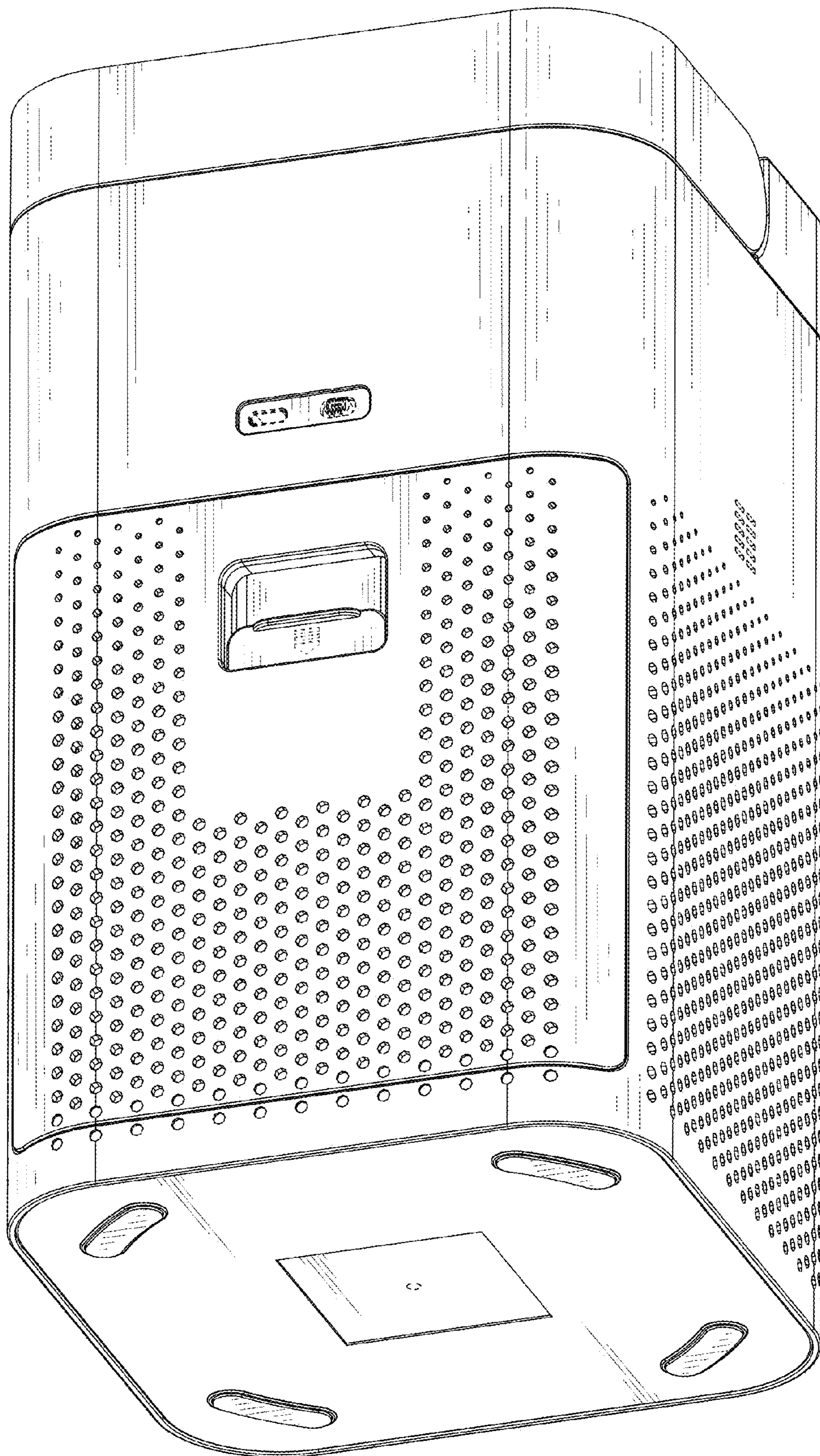


FIG.8