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

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(54) **PORTABLE AIR PURIFIER**

(71) Applicant: **Coway Co., Ltd.**,  
Choongcheongnam-do (KR)

(72) Inventors: **Jungjae Jeon**, Seoul (KR); **Eung Kyu Park**, Seoul (KR)

(73) Assignee: **COWAY CO., LTD.**,  
Choongcheongnam-do (KR)

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

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(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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*Primary Examiner* — David G Muller

(74) *Attorney, Agent, or Firm* — Millen, White, Zelano &  
Branigan, P.C.; William Nixon

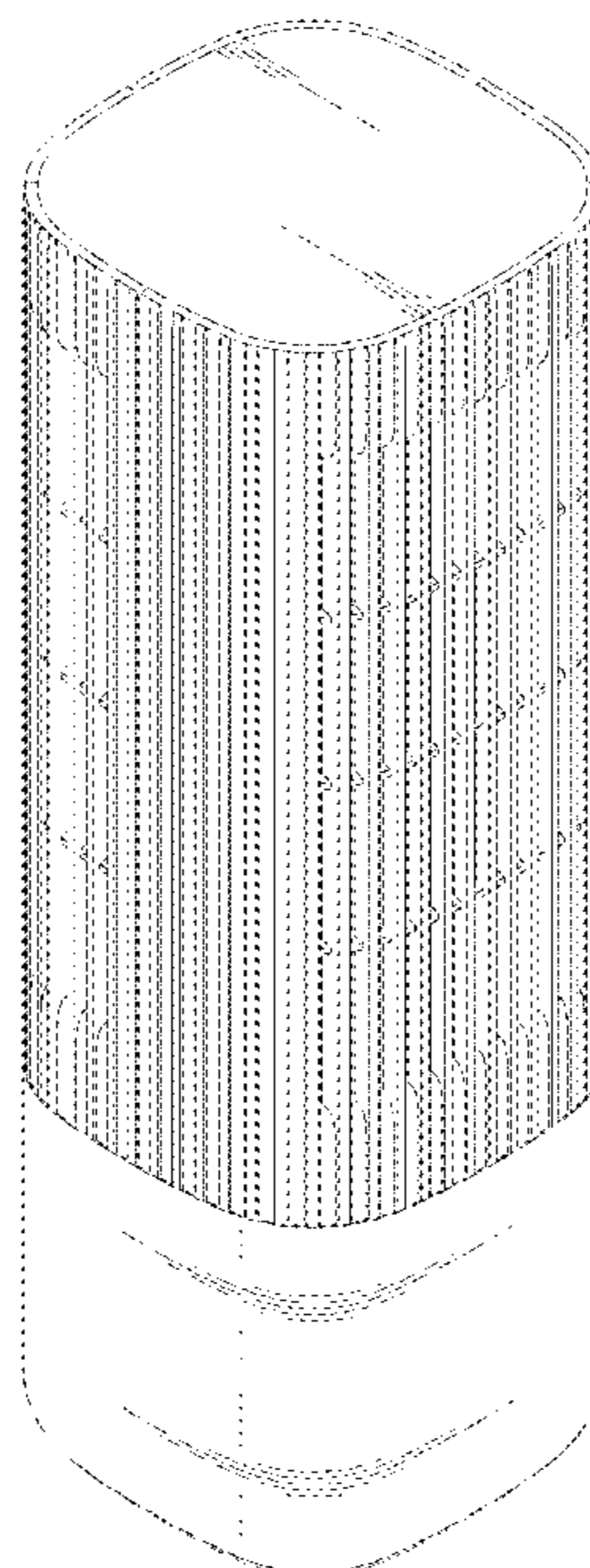
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 illustrates a front perspective view of a portable air purifier showing our new design;  
FIG. 2 illustrates a front elevational view thereof;  
FIG. 3 illustrates a rear elevational view thereof;  
FIG. 4 illustrates a left side elevational view thereof;  
FIG. 5 illustrates a right side elevational view thereof;  
FIG. 6 illustrates a top plan view thereof; and,  
FIG. 7 illustrates a bottom plan view thereof.  
The broken lines in the figures show portions of the portable air purifier that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



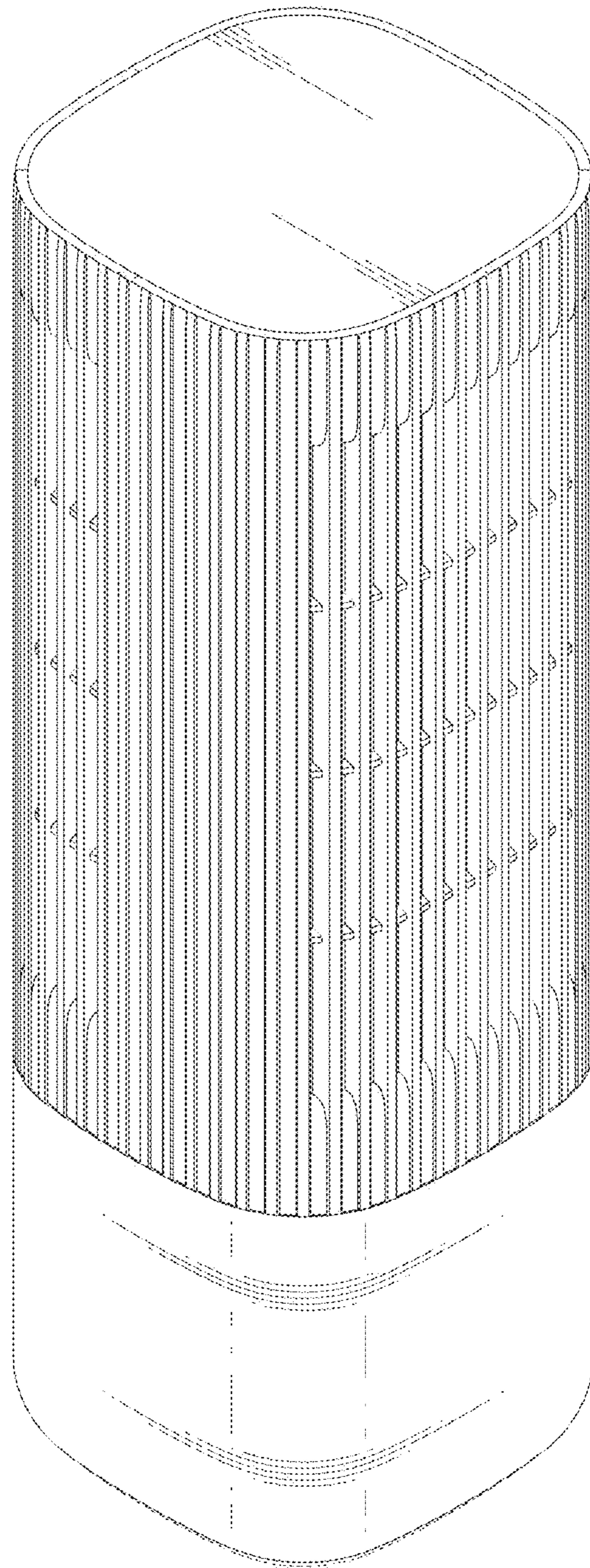


FIG. 1

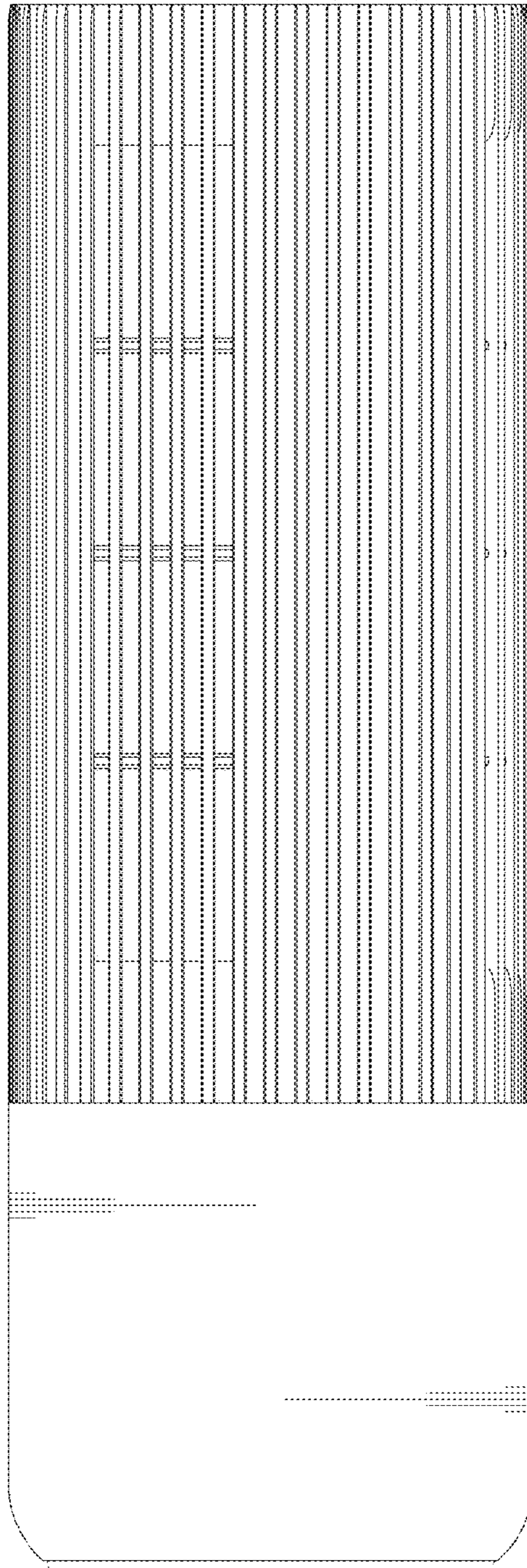


FIG. 2

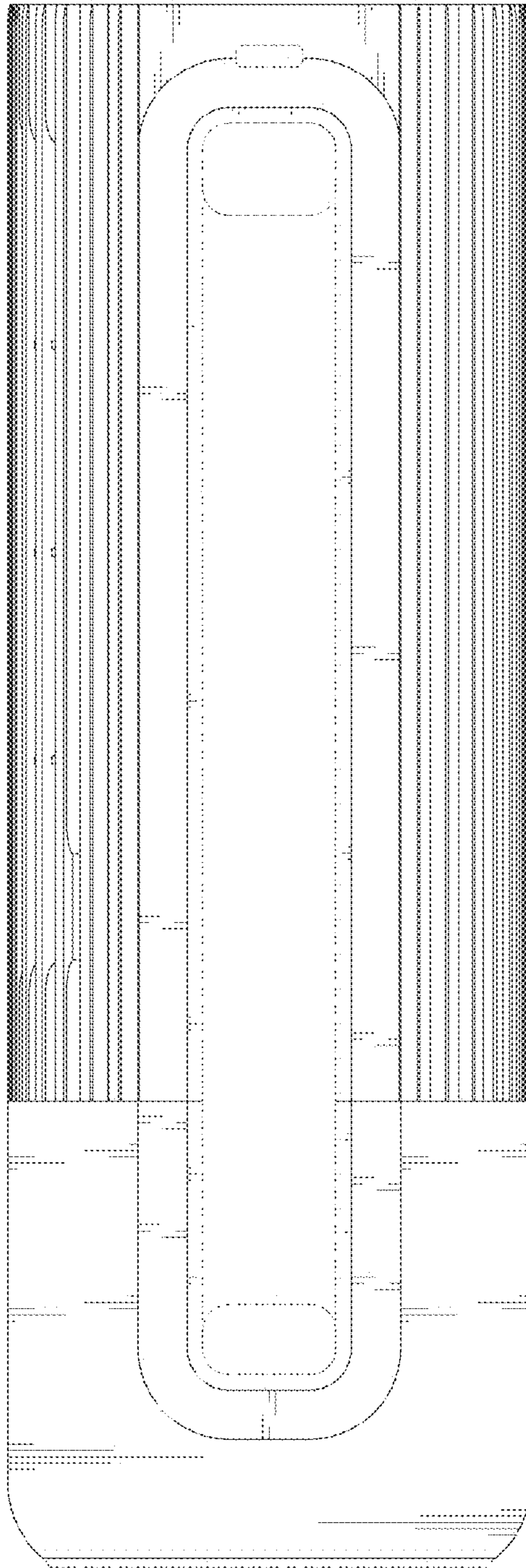


FIG. 3

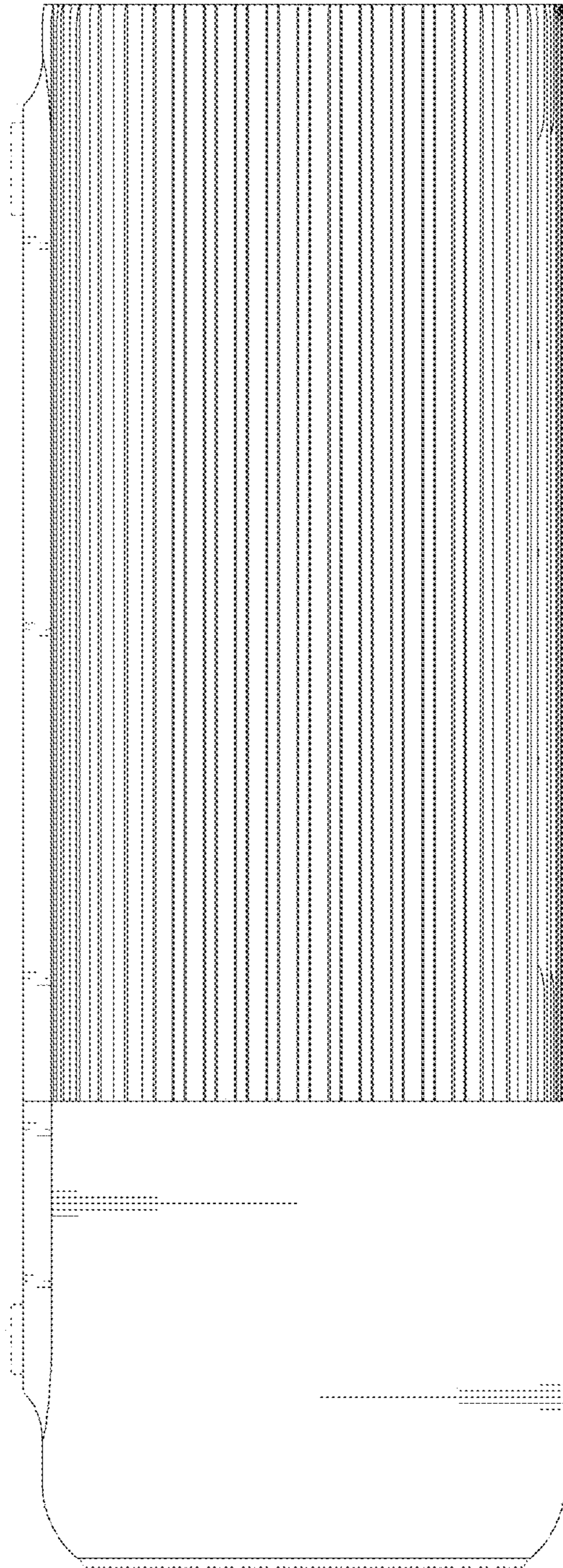


FIG. 4

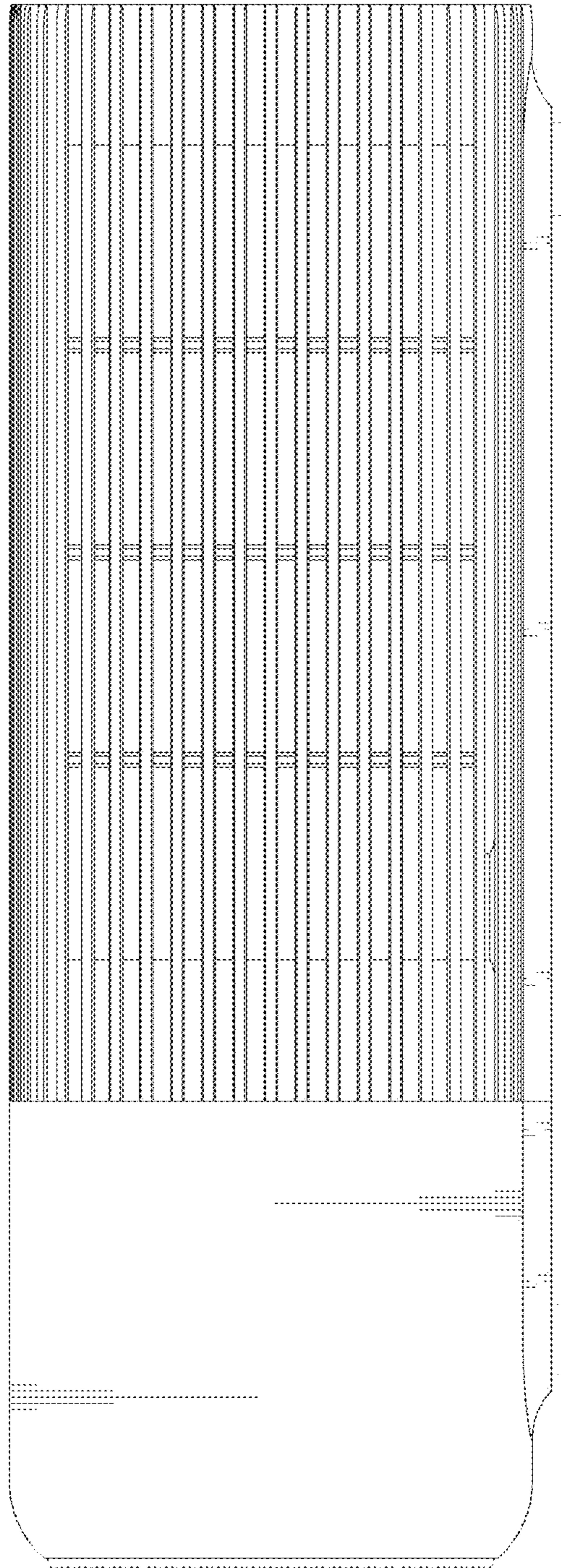


FIG. 5

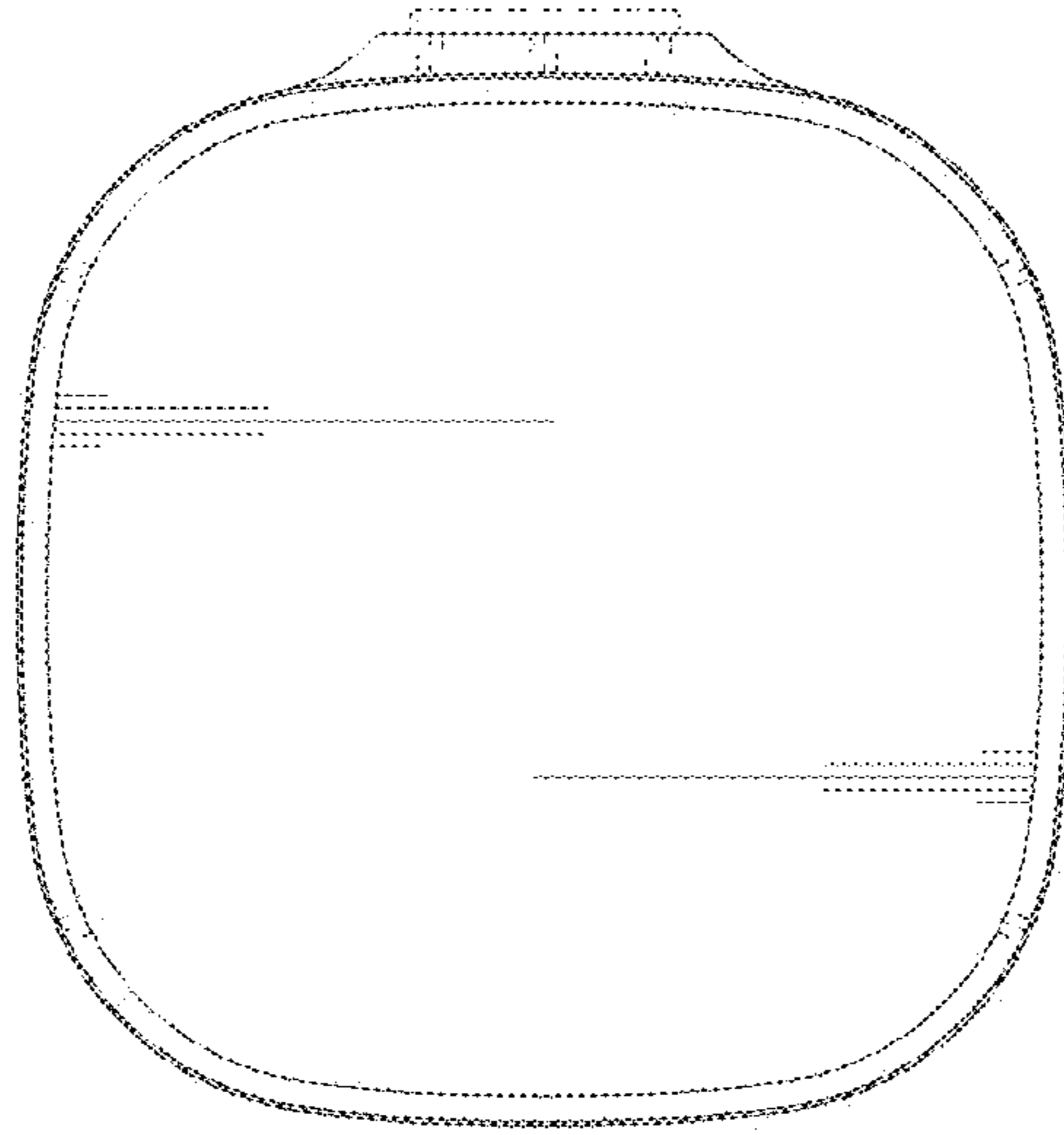


FIG. 6

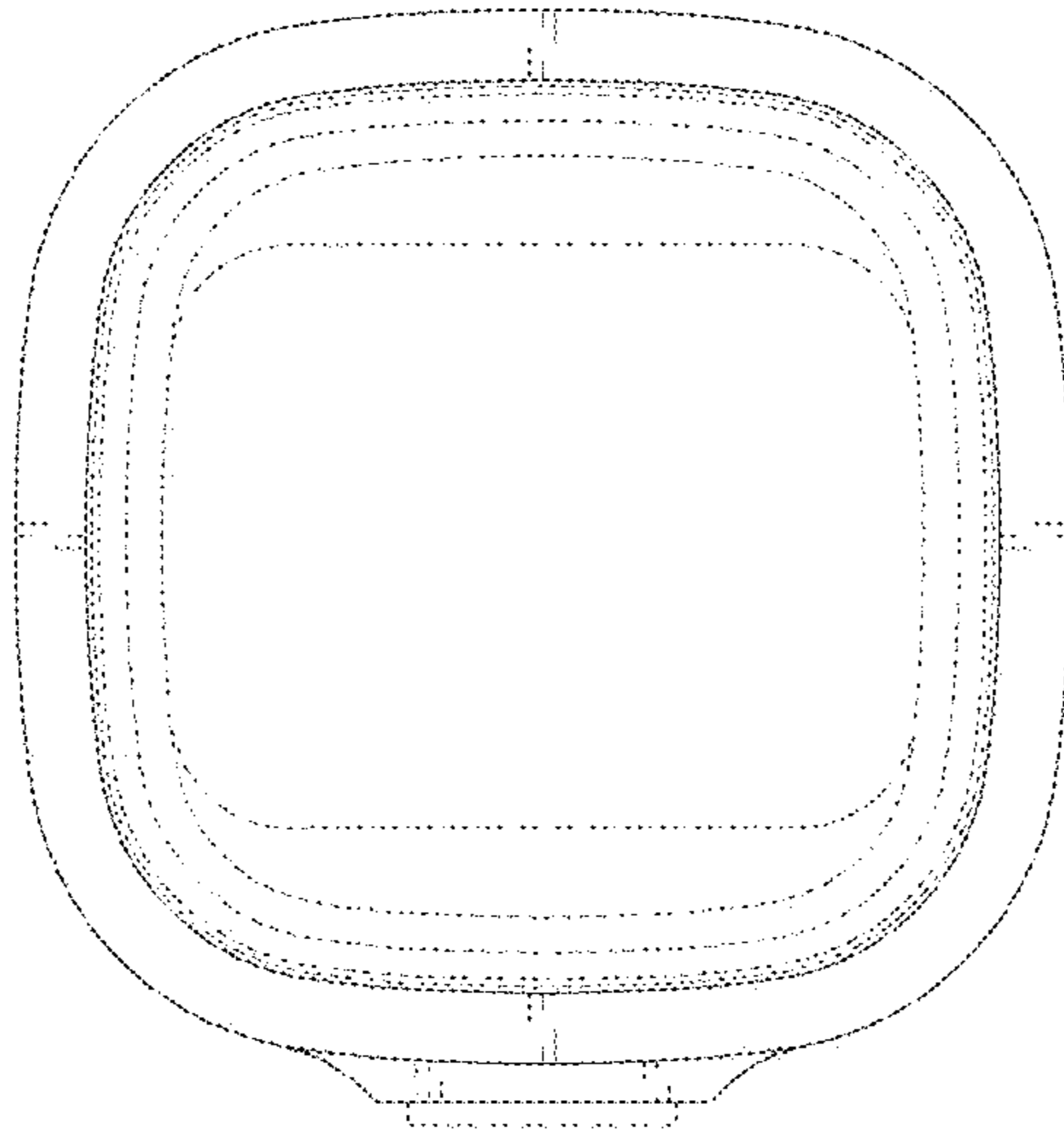


FIG. 7