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

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(54) **AIR PURIFIER**  
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\* cited by examiner

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

*Primary Examiner* — David G Muller

(21) Appl. No.: **29/765,623**

(57) **CLAIM**

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

(22) Filed: **Jan. 11, 2021**

**DESCRIPTION**

(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.

FIG. 1 is a first perspective view of an air purifier showing the claimed design in accordance with the present disclosure;  
FIG. 2 is a second perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is an enlarged view of an encircled portion 9 of the FIG. 1.

The broken lines in the Figures are for the purpose of illustrating portions of the article that form no part of the claimed design.

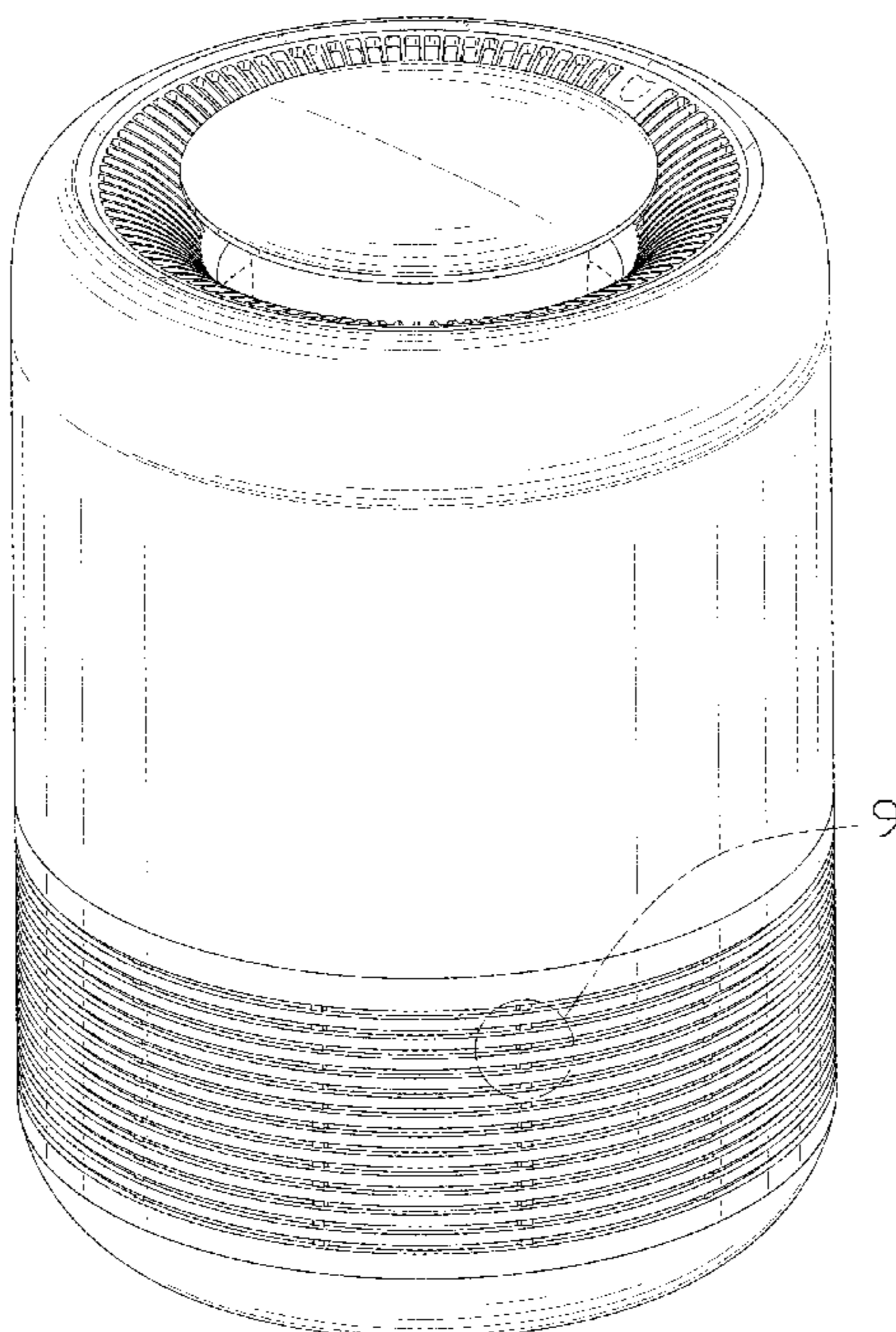
The dash-broken lines encircling portions of the claimed design that are illustrated in enlargements form no part of the claimed design.

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**1 Claim, 9 Drawing Sheets**



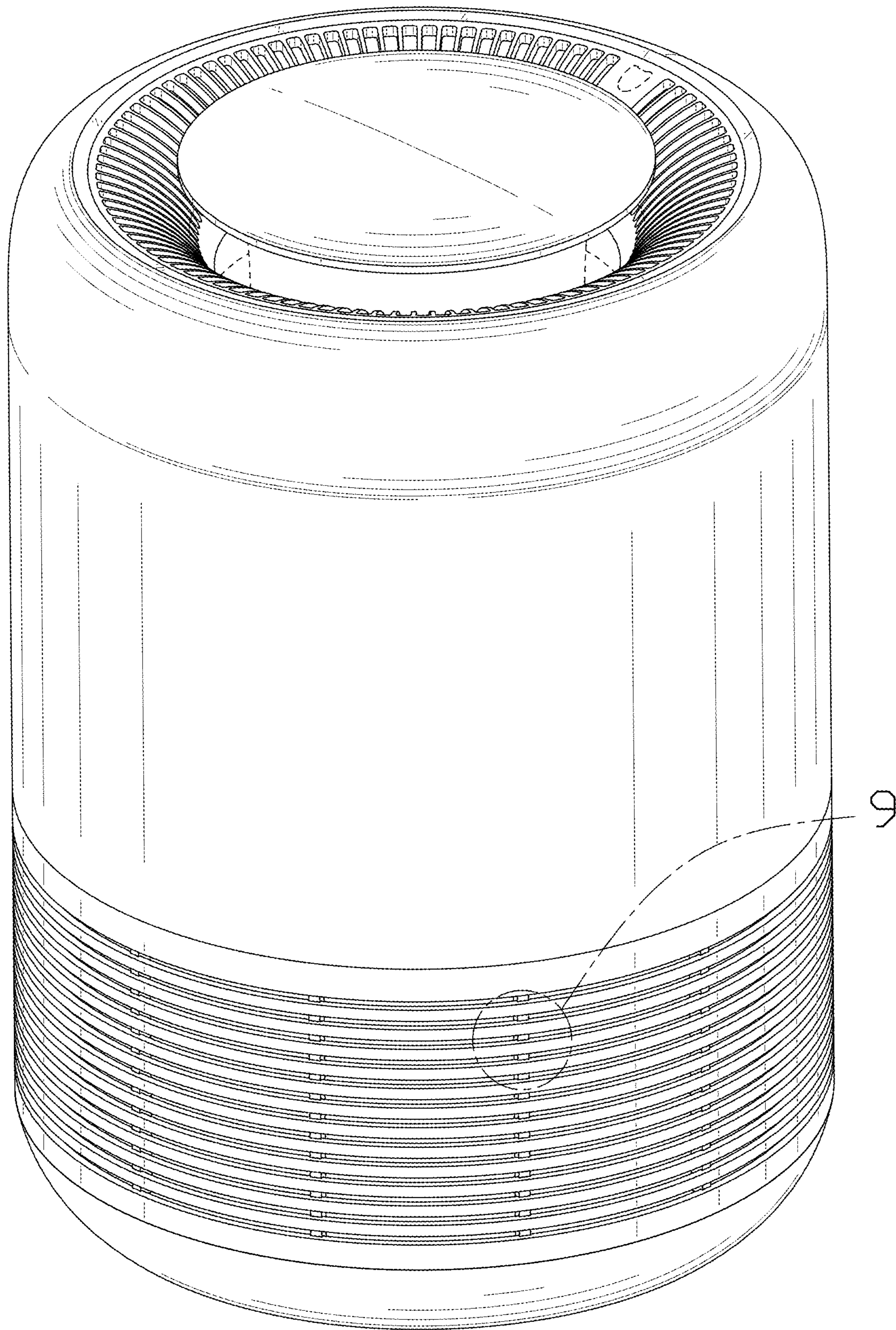


FIG. 1

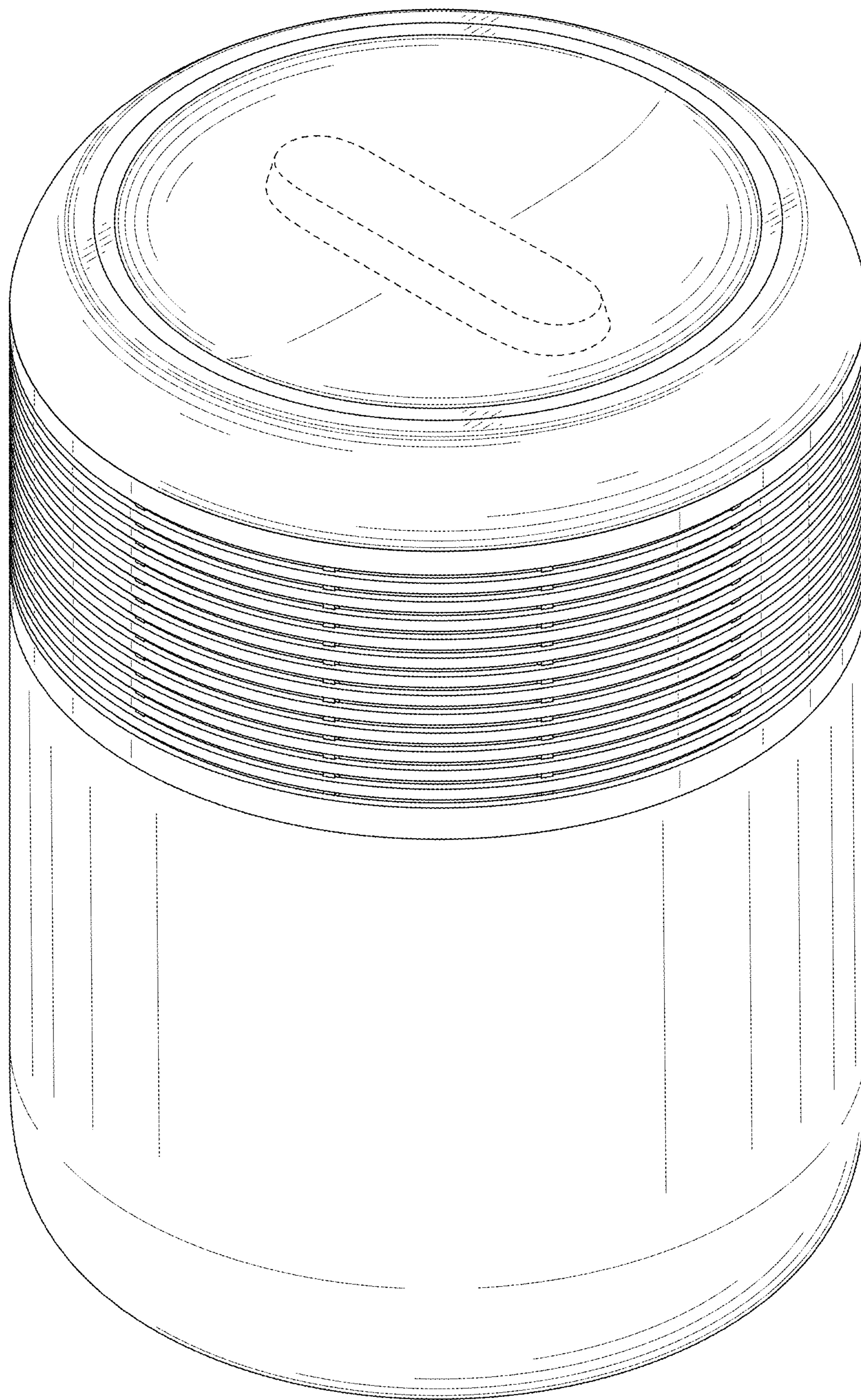


FIG. 2

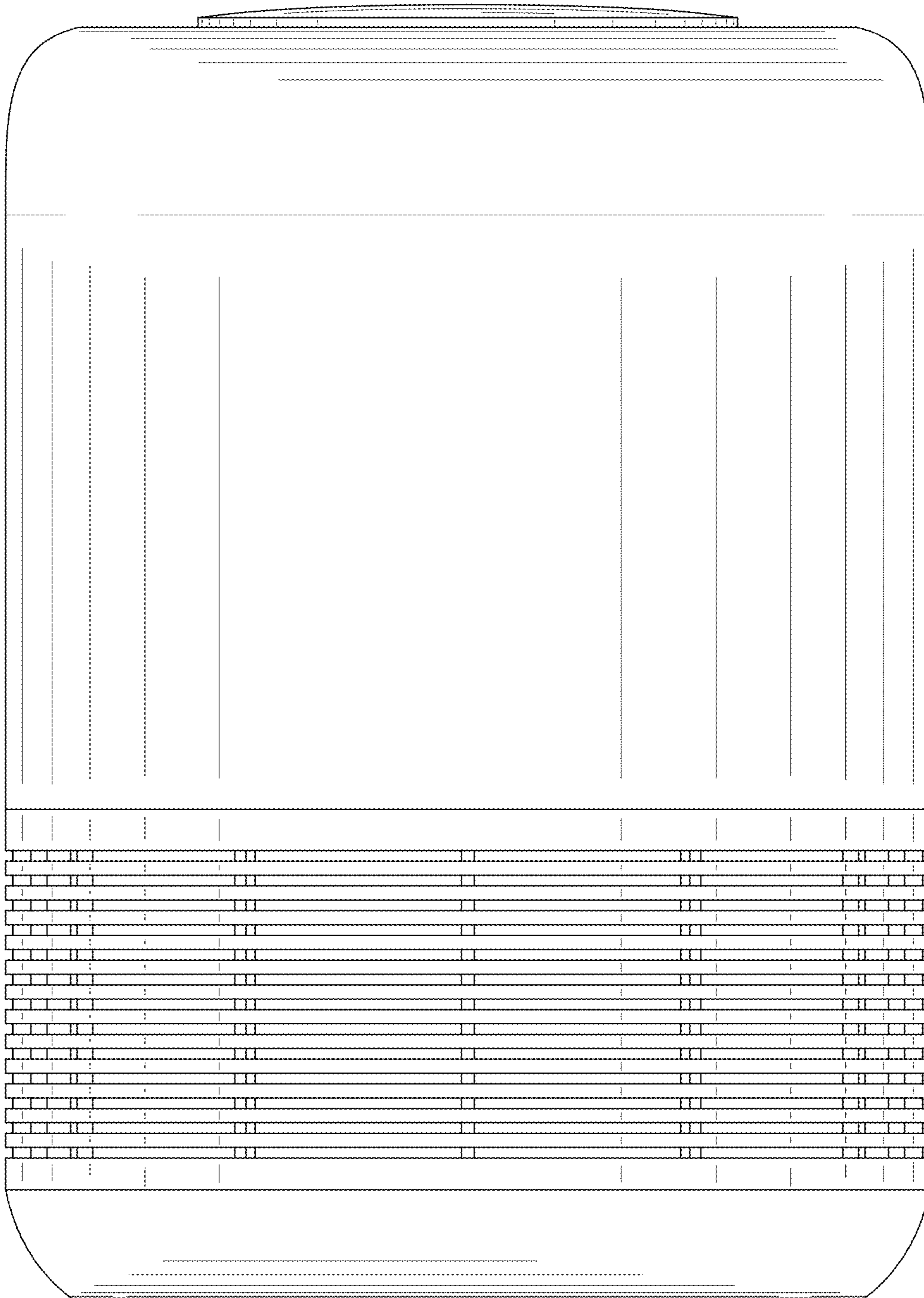


FIG. 3

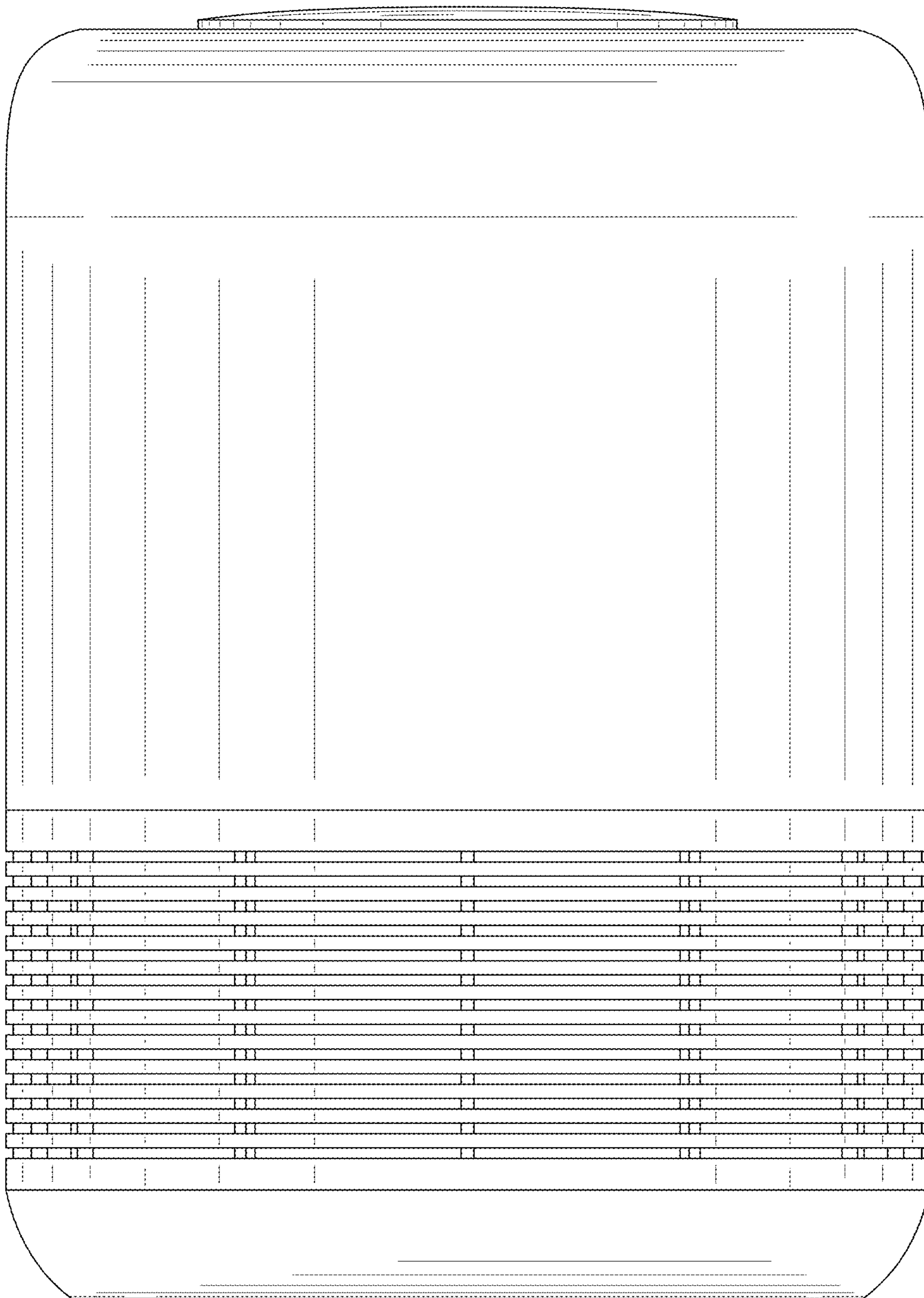


FIG. 4

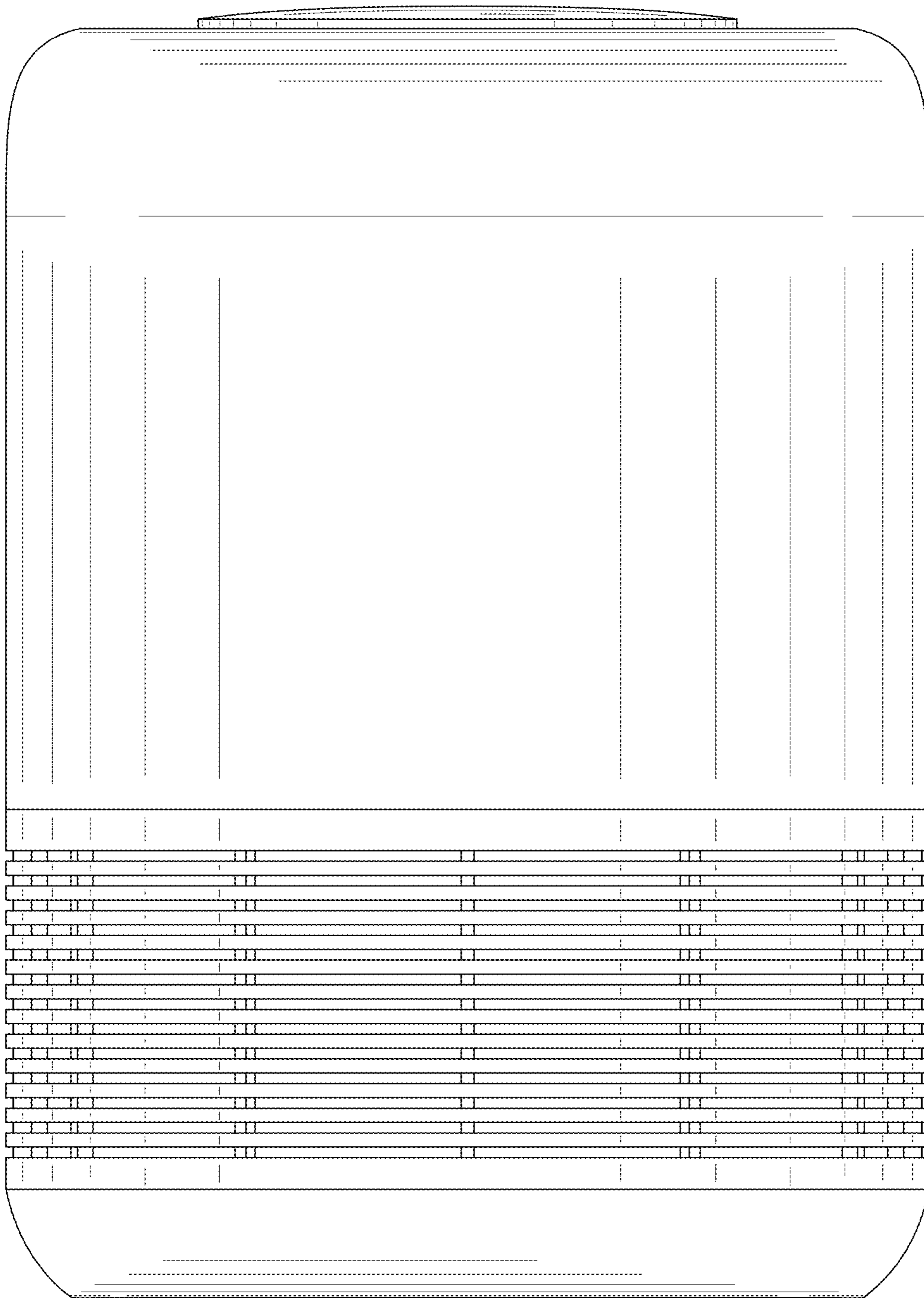


FIG. 5

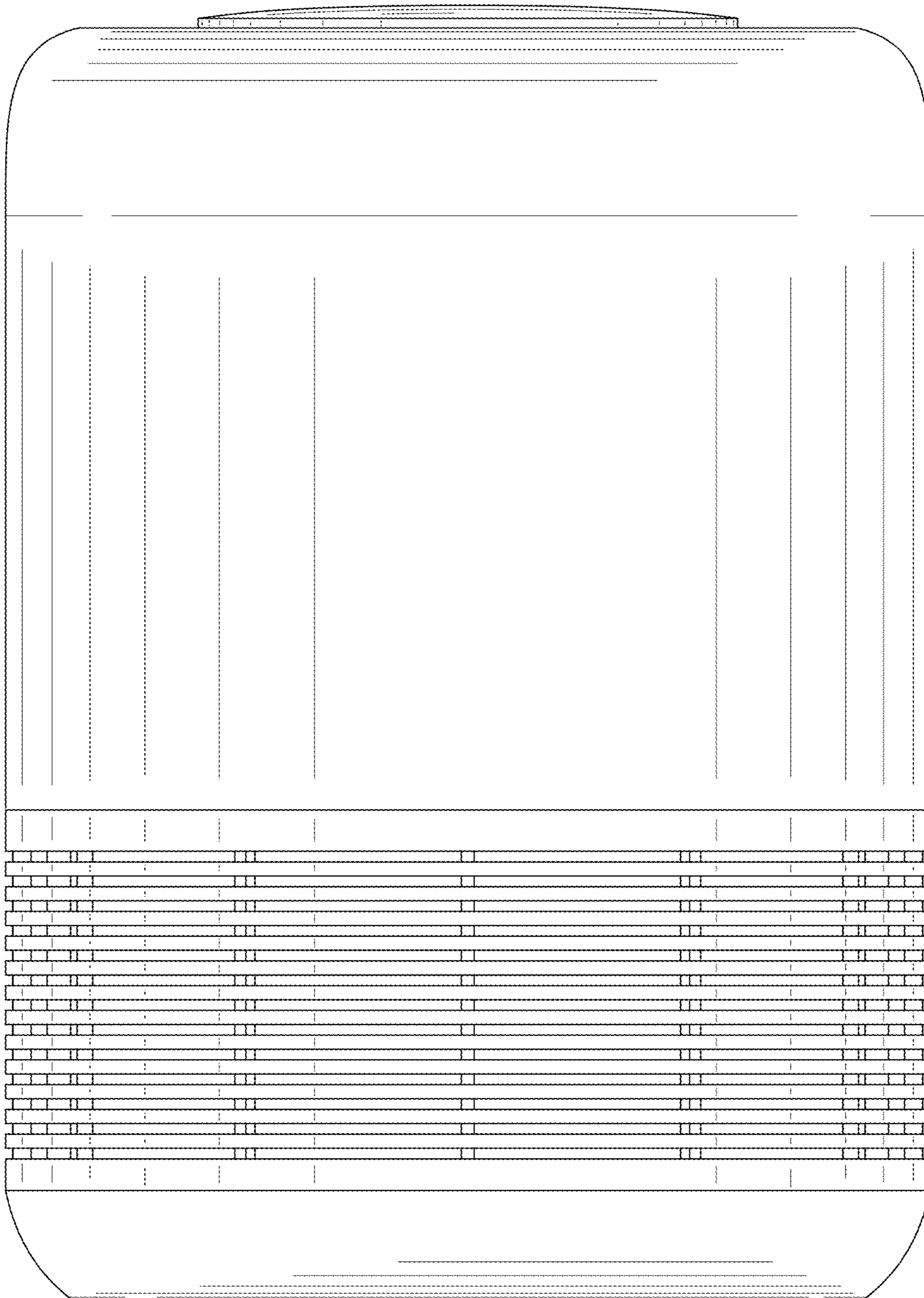


FIG. 6

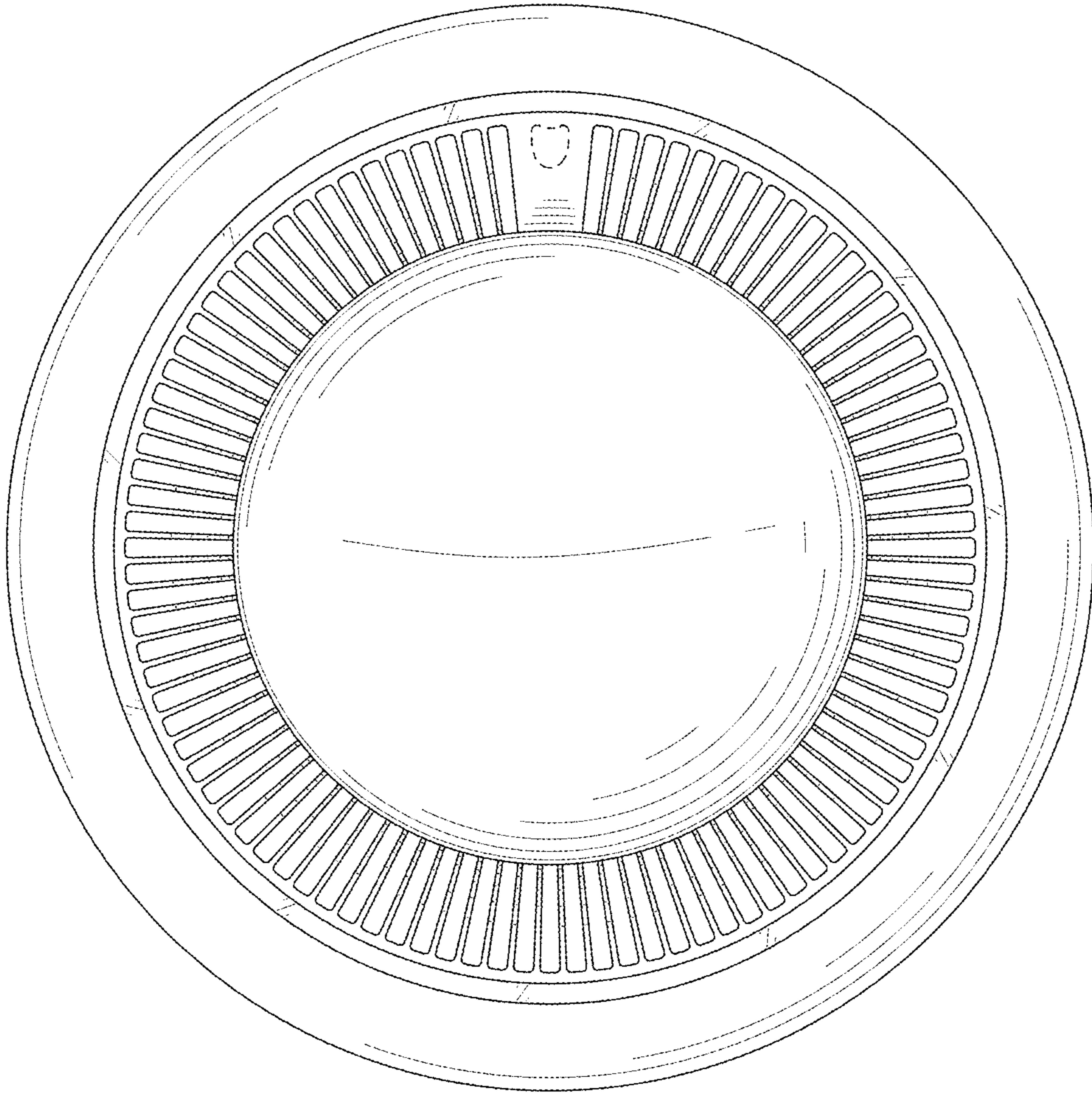


FIG. 7



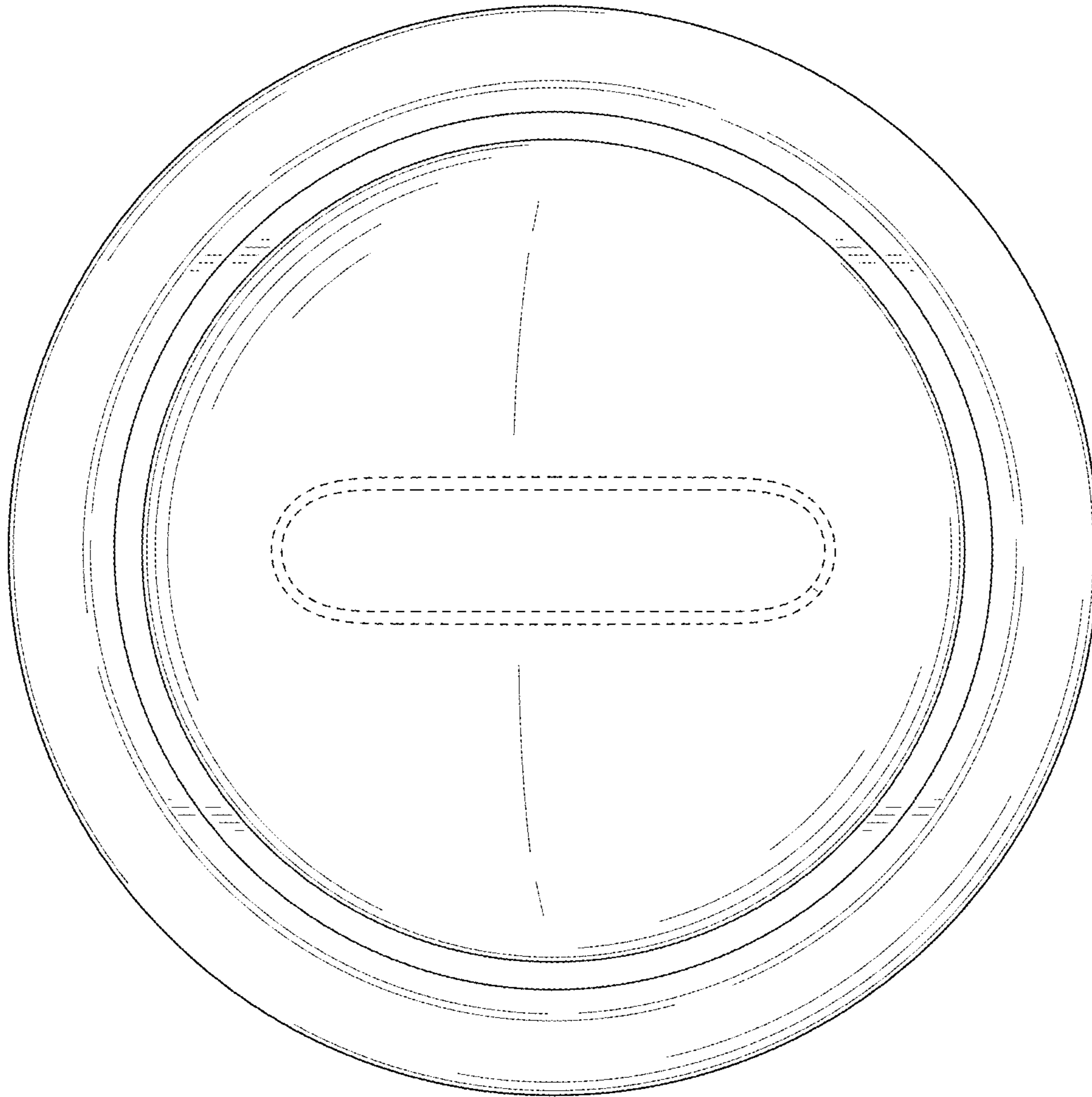


FIG. 8

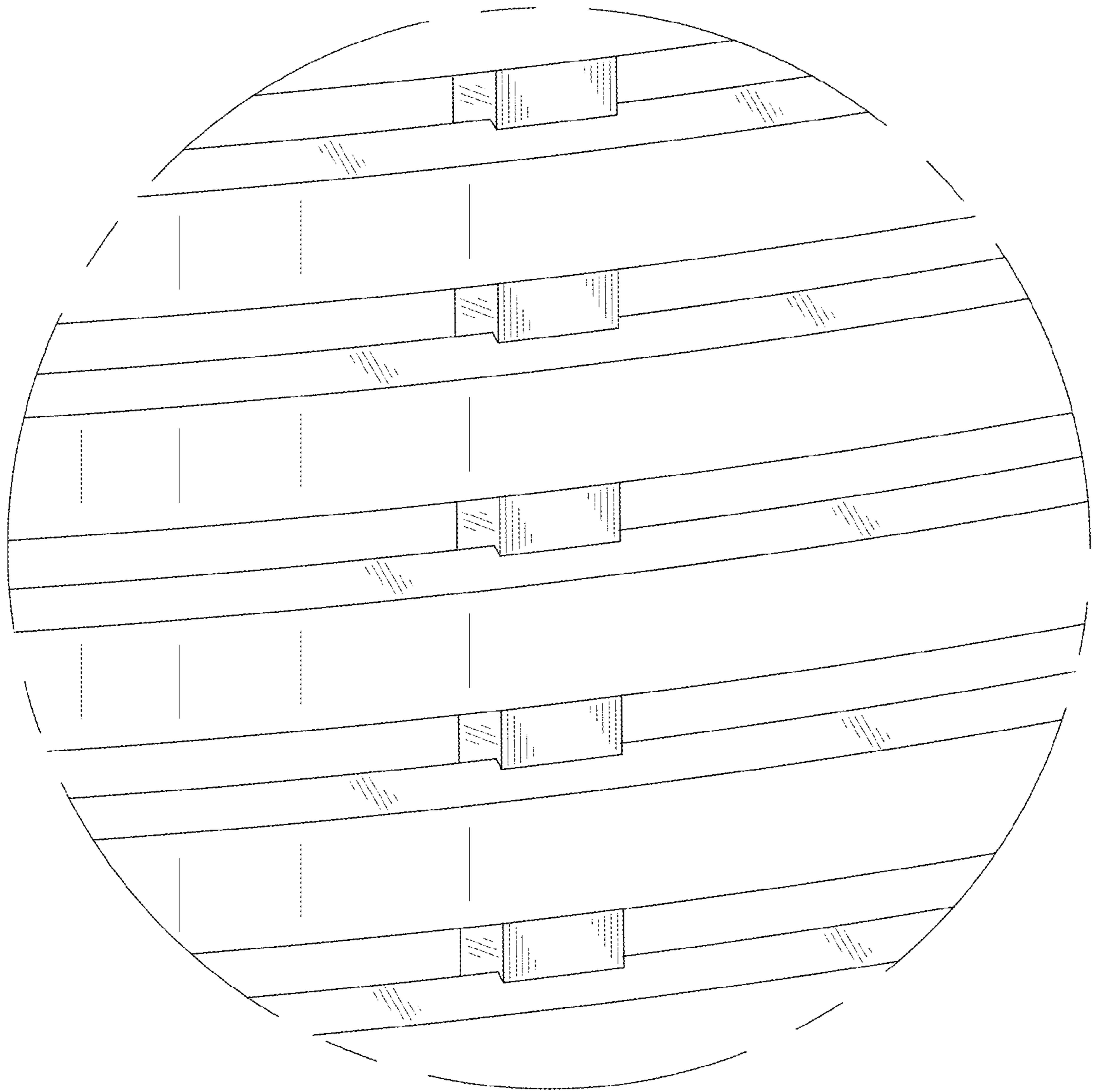


FIG. 9