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

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(54) **LEAK SENSOR**

11/24; G01D 11/245; G01N 33/0031;  
G01N 33/0032; F24H 9/2064

See application file for complete search history.

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(72) Inventors: **Xin Lingyun**, Tianjin (CN); **Anthony Lee Weston**, London (GB)

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

(Continued)

(21) Appl. No.: **29/762,848**

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(30) **Foreign Application Priority Data**

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(Continued)

(51) **LOC (13) Cl.** ..... **10-05**

*Primary Examiner* — Keli L Hill

(52) **U.S. Cl.**

*Assistant Examiner* — Sara S Sahneh

USPC ..... **D10/56**; D10/96

(74) *Attorney, Agent, or Firm* — Davis Wright Tremaine LLP

(58) **Field of Classification Search**

USPC .... D10/104.1, 106.1, 106.95, 105, 111, 112,  
D10/119.2, 49–60, 65, 81, 103, 96–98;  
D23/351, 364

(57) **CLAIM**

The ornamental design for a leak sensor, as shown and described.

**DESCRIPTION**

CPC ..... B01D 35/147; F16K 21/04; F16K 31/48;  
Y10T 137/87917; Y10T 137/7837; Y10T  
137/7727; F17D 5/02; E03B 7/09; E03B  
7/08; E03D 1/00; E03D 11/00; G05D  
7/0635; G08B 25/10; G08B 19/00; G08B  
19/02; G08B 21/20; G08B 21/182; H04W  
84/18; G01M 3/04; G01M 3/002; G01M  
3/16; G01M 3/38; G01M 3/2807; G01M  
3/18; G01K 13/02; G01F 1/6847; G01F  
1/6888; G01F 1/00; G01F 23/242; G01F  
23/00; G01F 1/7084; G01D 7/00; G01D

FIG. 1 is a first perspective view of a leak sensor showing our new design;  
FIG. 2 is a second perspective view thereof;  
FIG. 3 is a front view thereof;

(Continued)

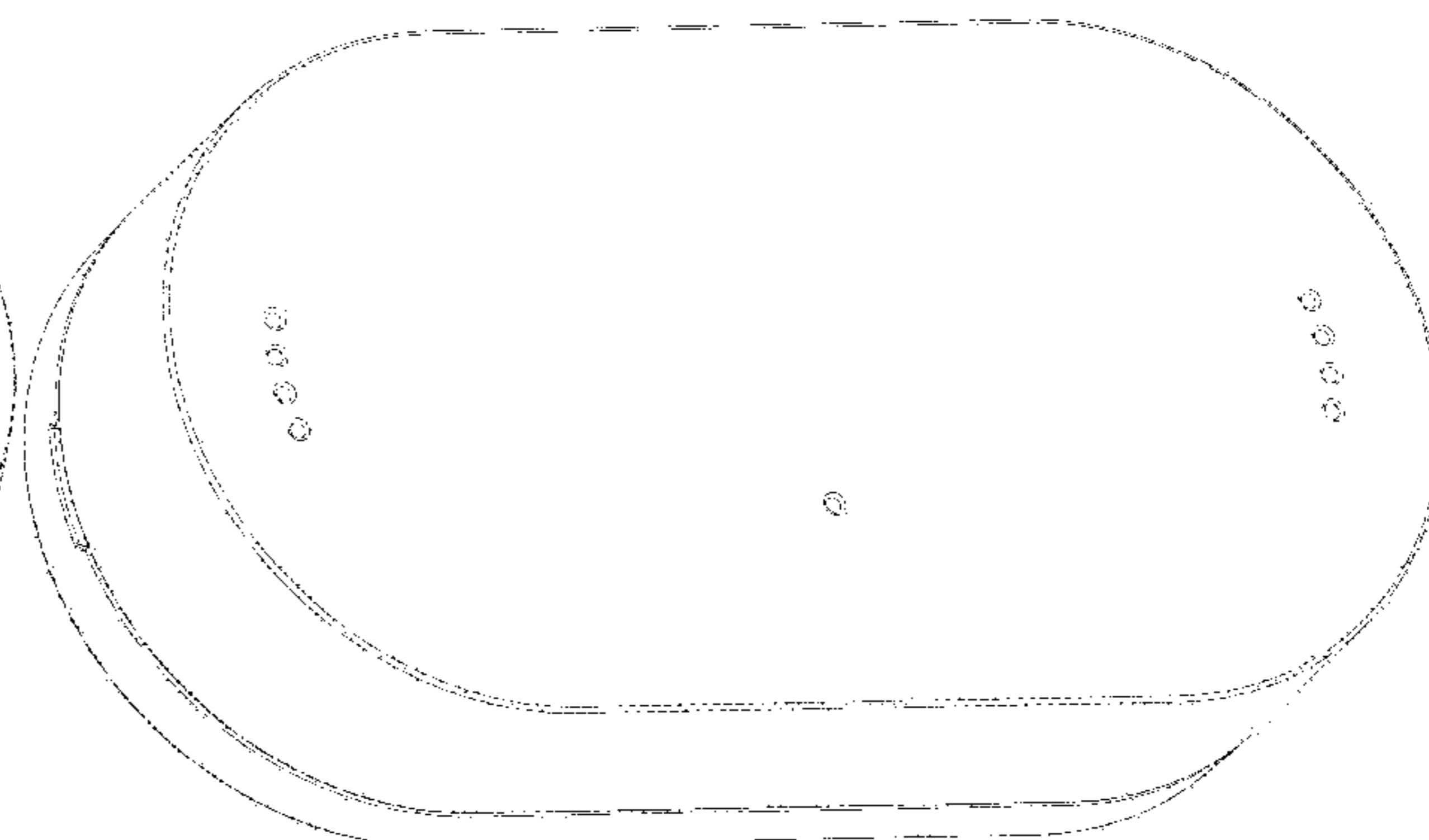
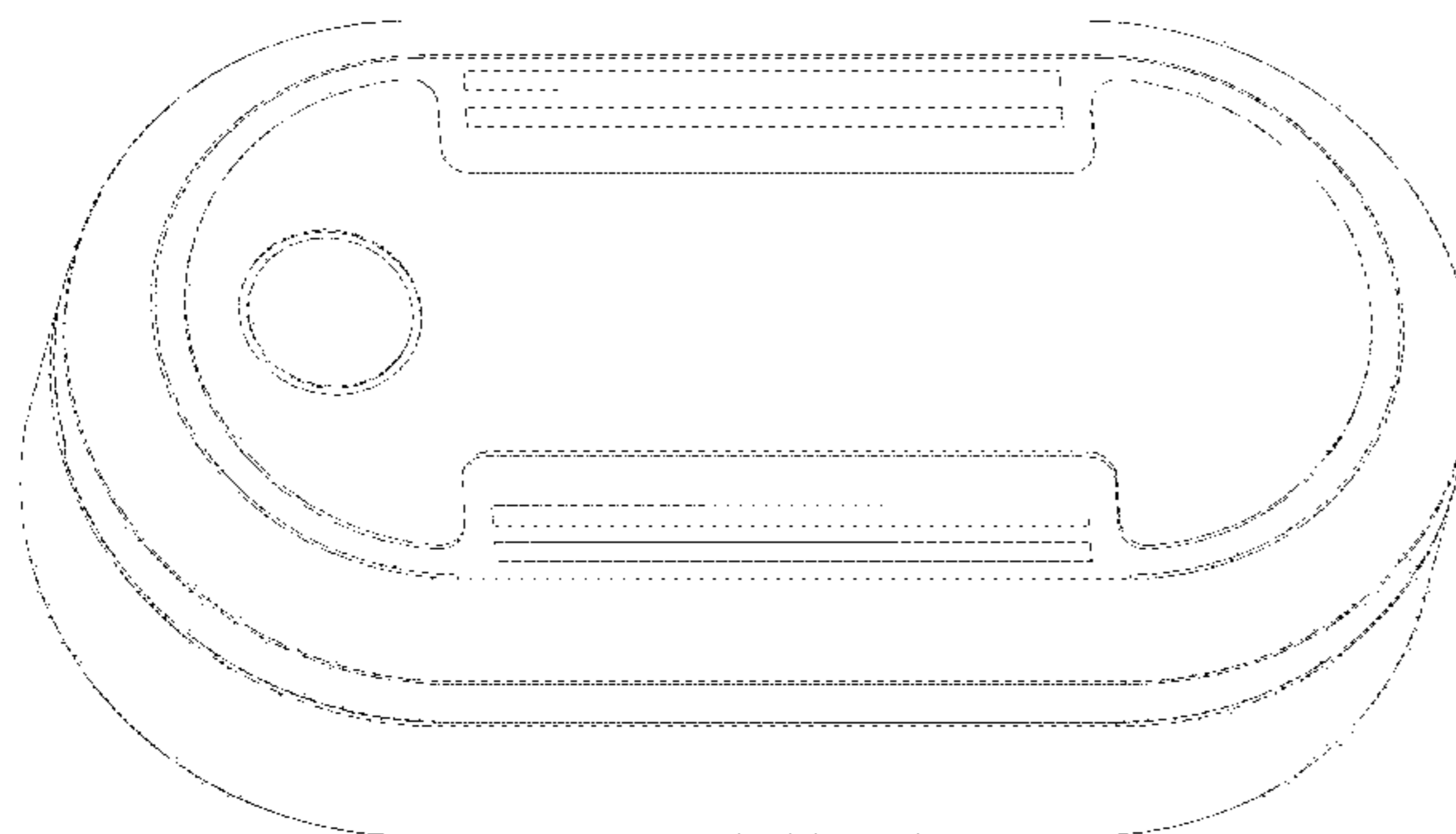


FIG. 4 is a back view thereof;  
 FIG. 5 is a left side view thereof;  
 FIG. 6 is a right side view thereof;  
 FIG. 7 is a top view thereof; and,  
 FIG. 8 is a bottom view thereof.

**1 Claim, 8 Drawing Sheets**

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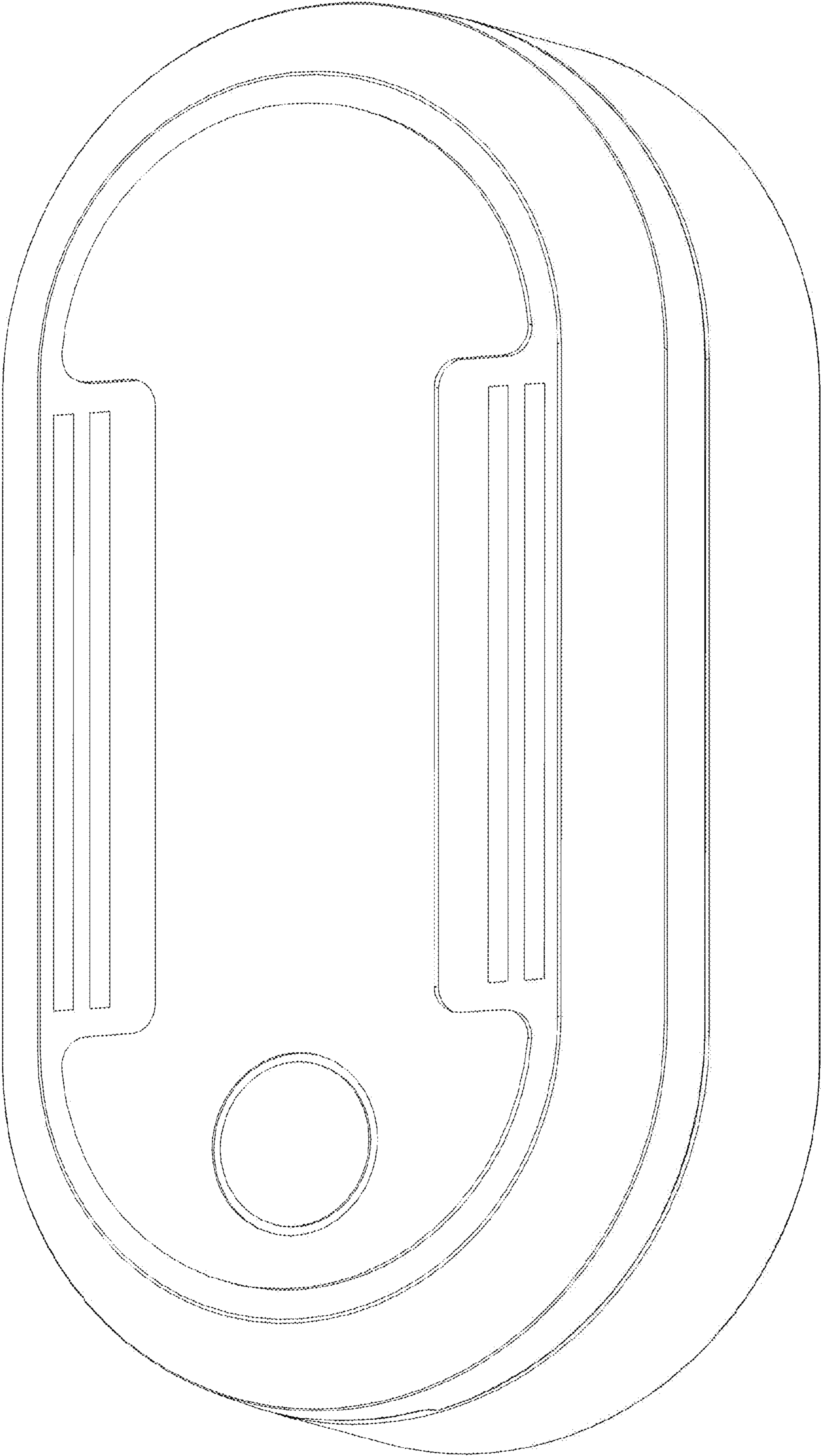


Figure 1

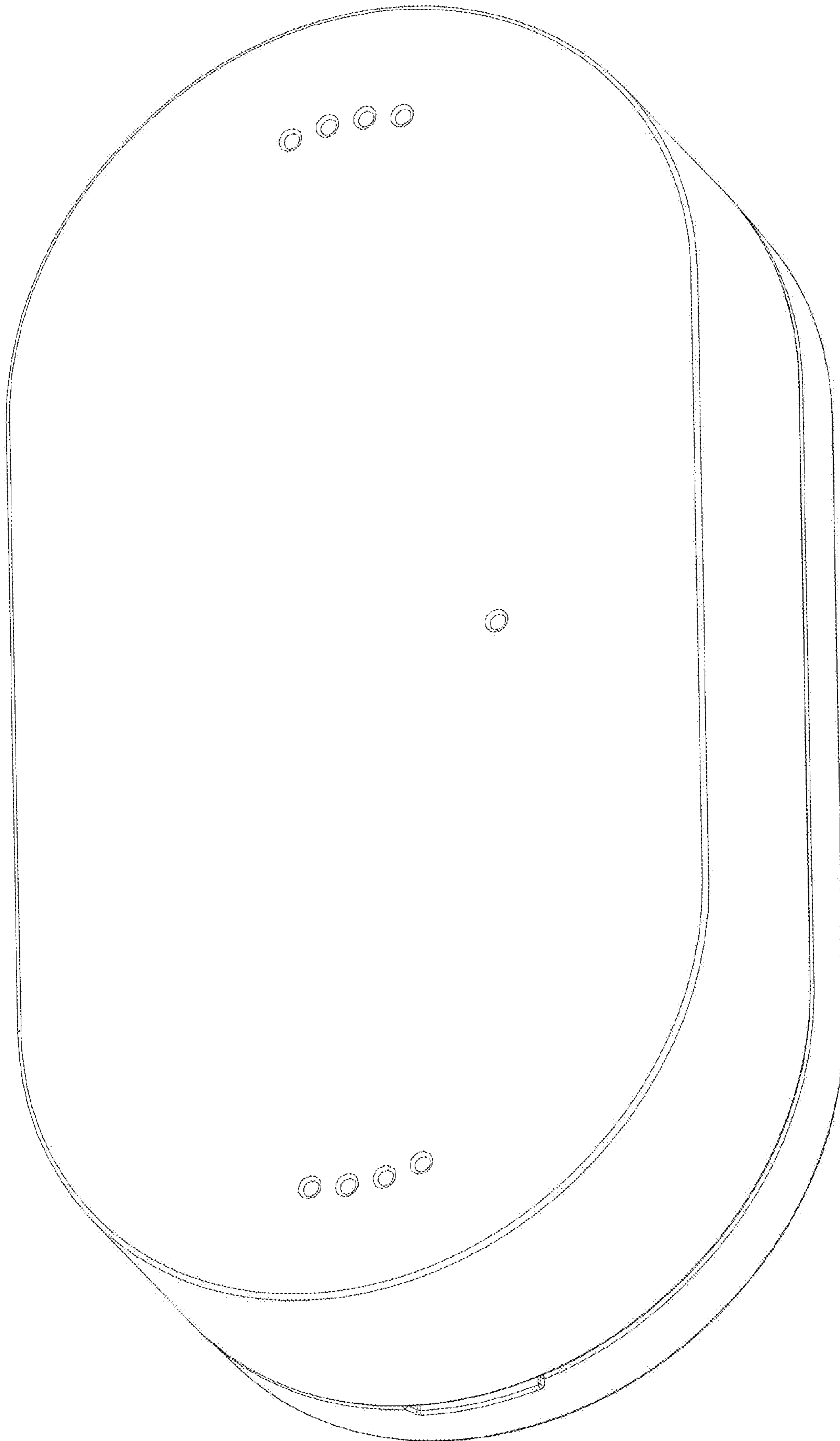


Figure 2

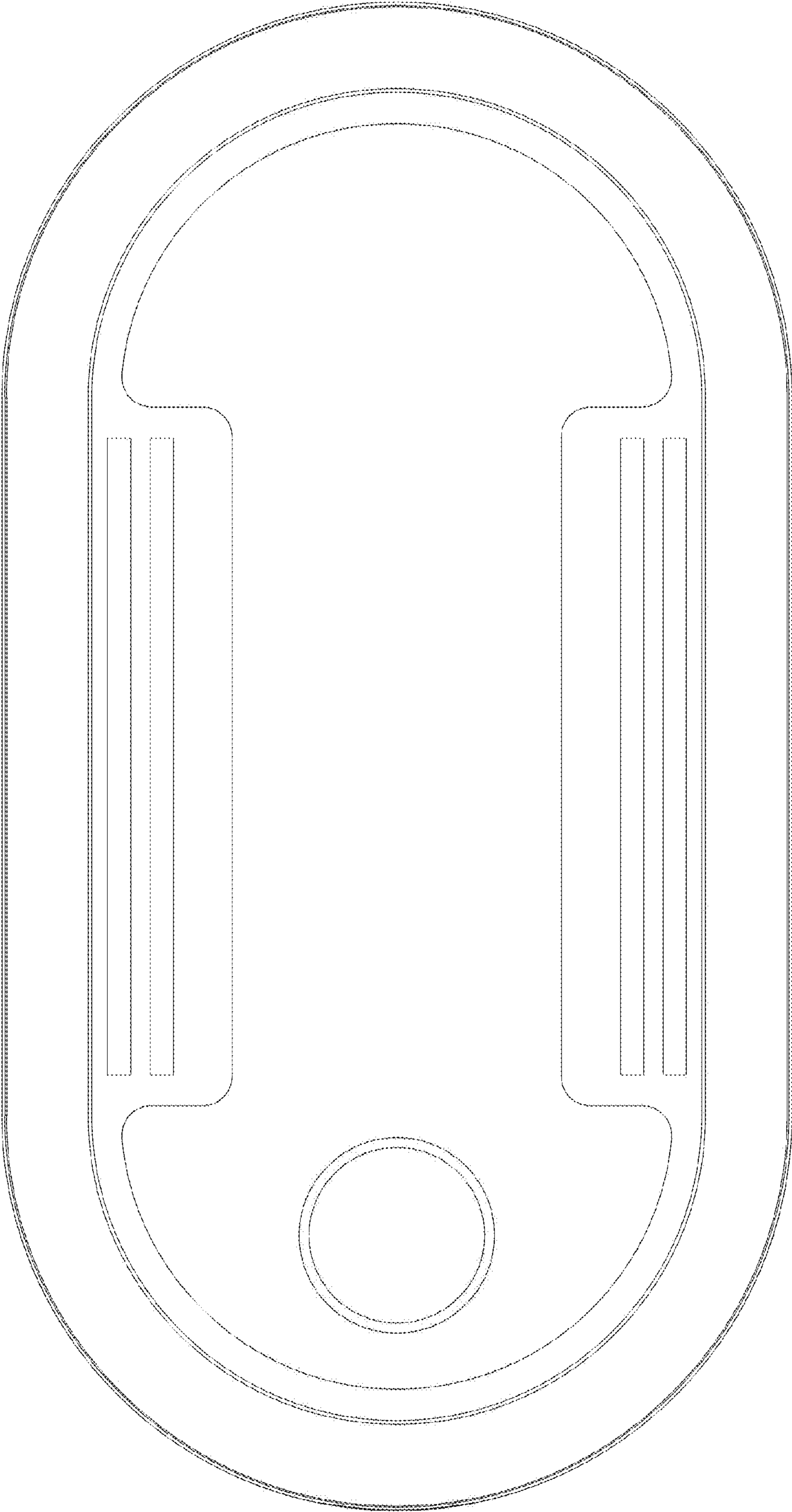


Figure 3

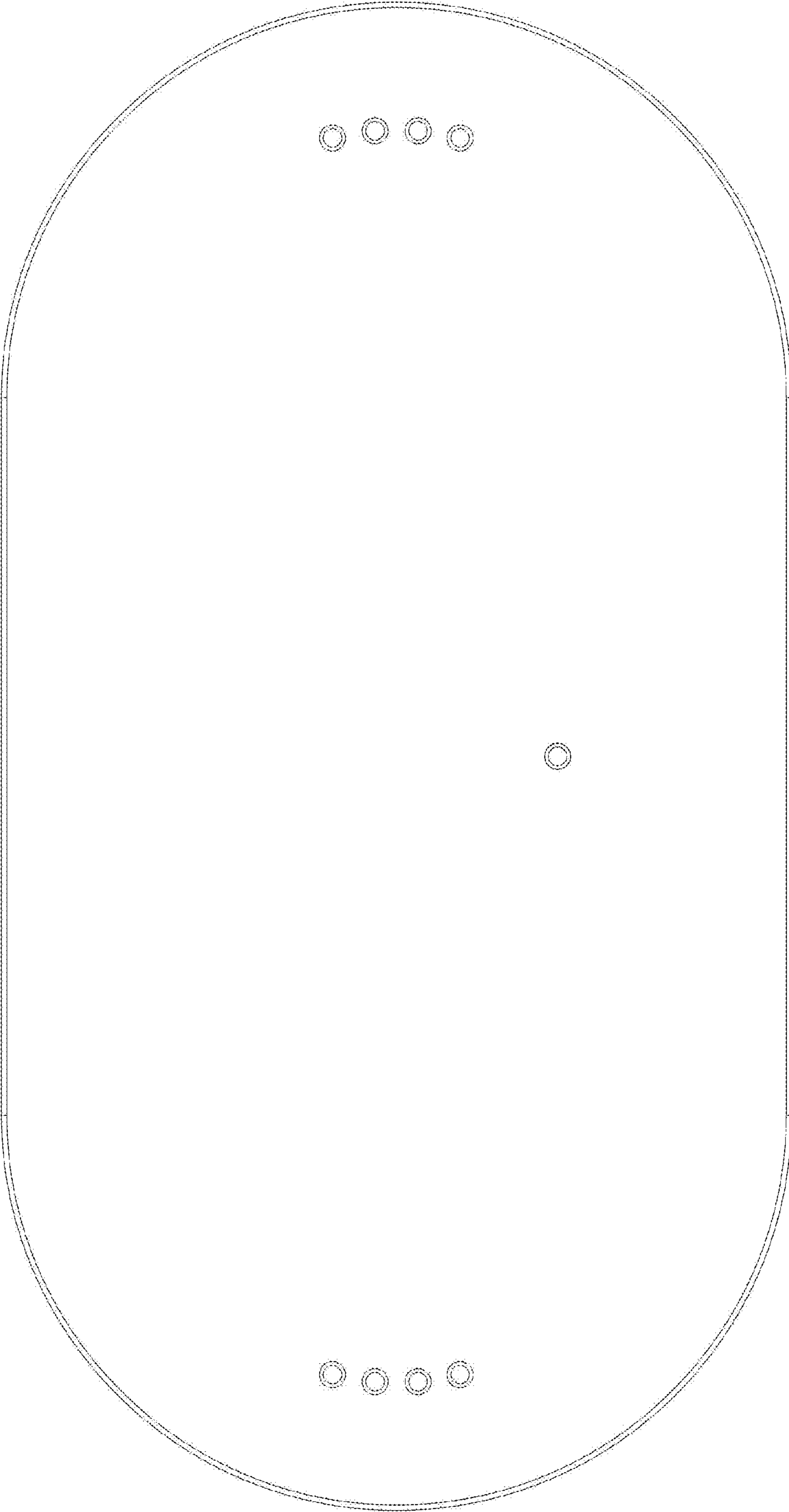


Figure 4

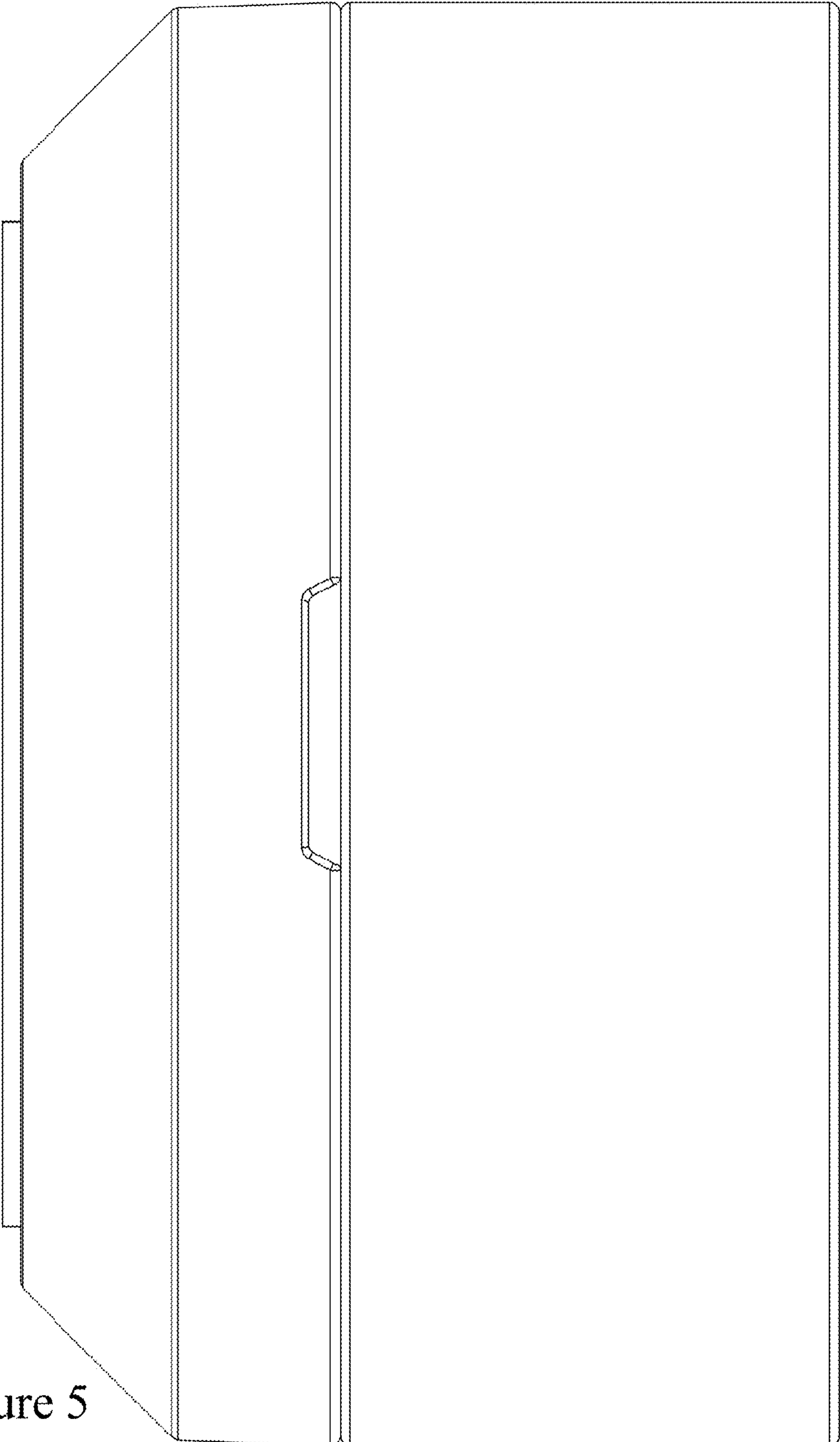


Figure 5

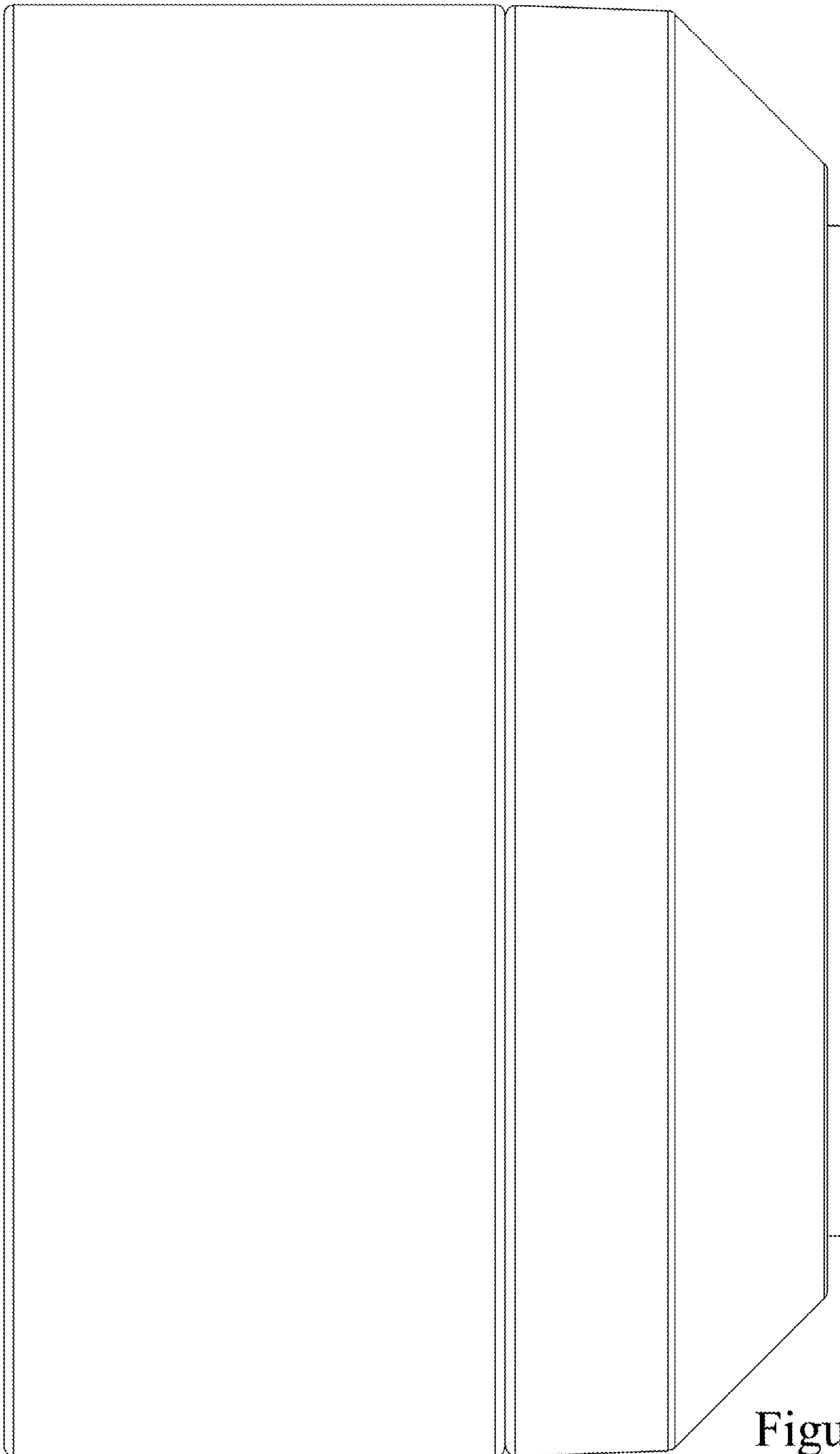


Figure 6



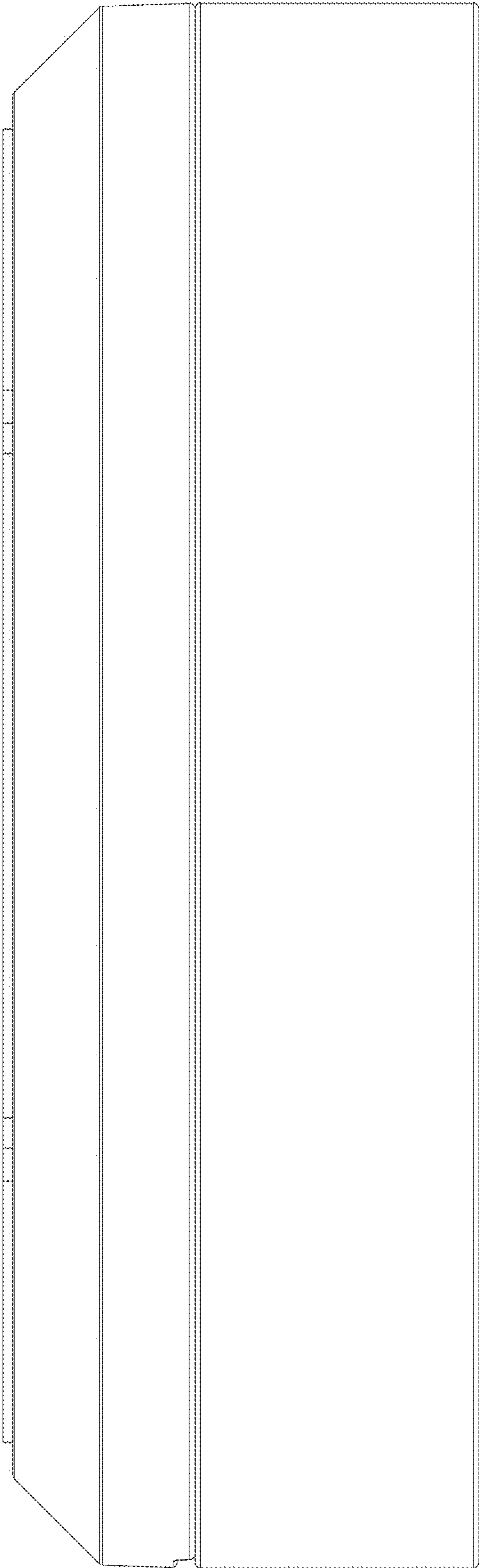


Figure 7

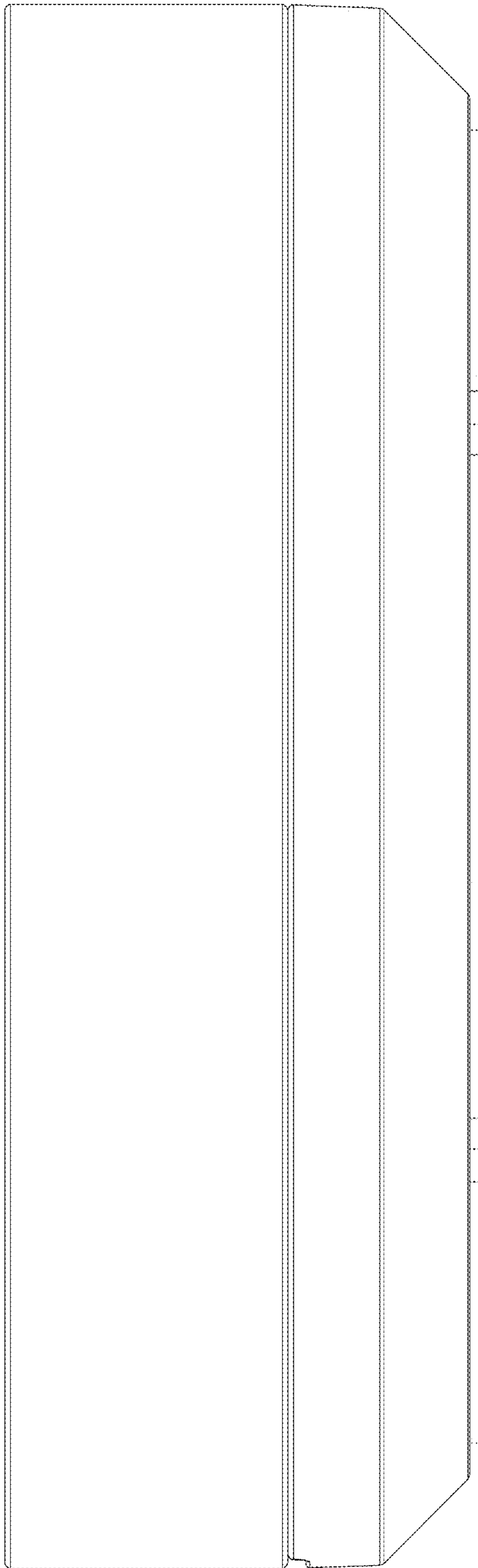


Figure 8