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(12) **United States Design Patent** (10) **Patent No.:** **US D980,356 S**  
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(54) **AUTOMATIC BALL LAUNCHER**

(71) Applicant: **Jian Zhang**, Shanghai (CN)

(72) Inventor: **Jian Zhang**, Shanghai (CN)

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

(21) Appl. No.: **29/844,017**

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(51) **LOC (14) Cl.** ..... **21-02**

(52) **U.S. Cl.**  
USPC ..... **D21/720; D30/160**

(58) **Field of Classification Search**  
USPC ..... **D21/720, 722-724, 454, 780, 315; D30/160**  
CPC ..... **A63B 69/407; A63B 69/406; A63B 69/40; A63B 2069/401; A63B 65/12; A63B 69/0002; A63B 69/0015; A63B 2069/0008; A63B 2069/0011; A63B 47/002; A01K 15/025; A01K 15/027**  
See application file for complete search history.

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*Primary Examiner* — Katherine Glennon  
*Assistant Examiner* — Yuan Yuan

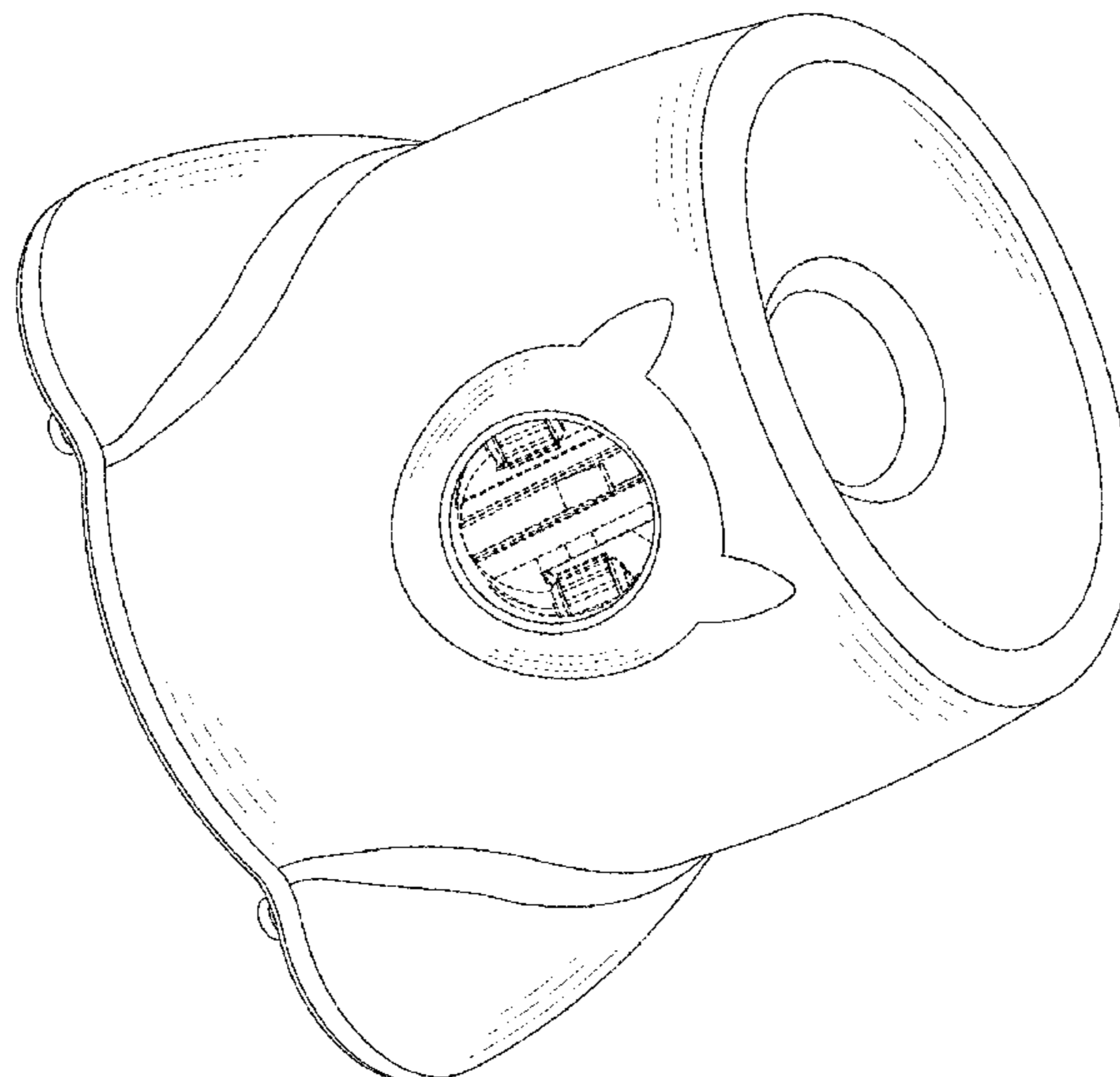
(57) **CLAIM**

The ornamental design for an automatic ball launcher, as shown and described.

**DESCRIPTION**

FIG. 1 is a top and front side perspective view of an automatic ball launcher, showing my new design;  
FIG. 2 is a bottom and back side perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a back view thereof;  
FIG. 5 is a left view thereof;  
FIG. 6 is a right view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.  
The broken lines in the figures depict portions of the automatic ball launcher that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



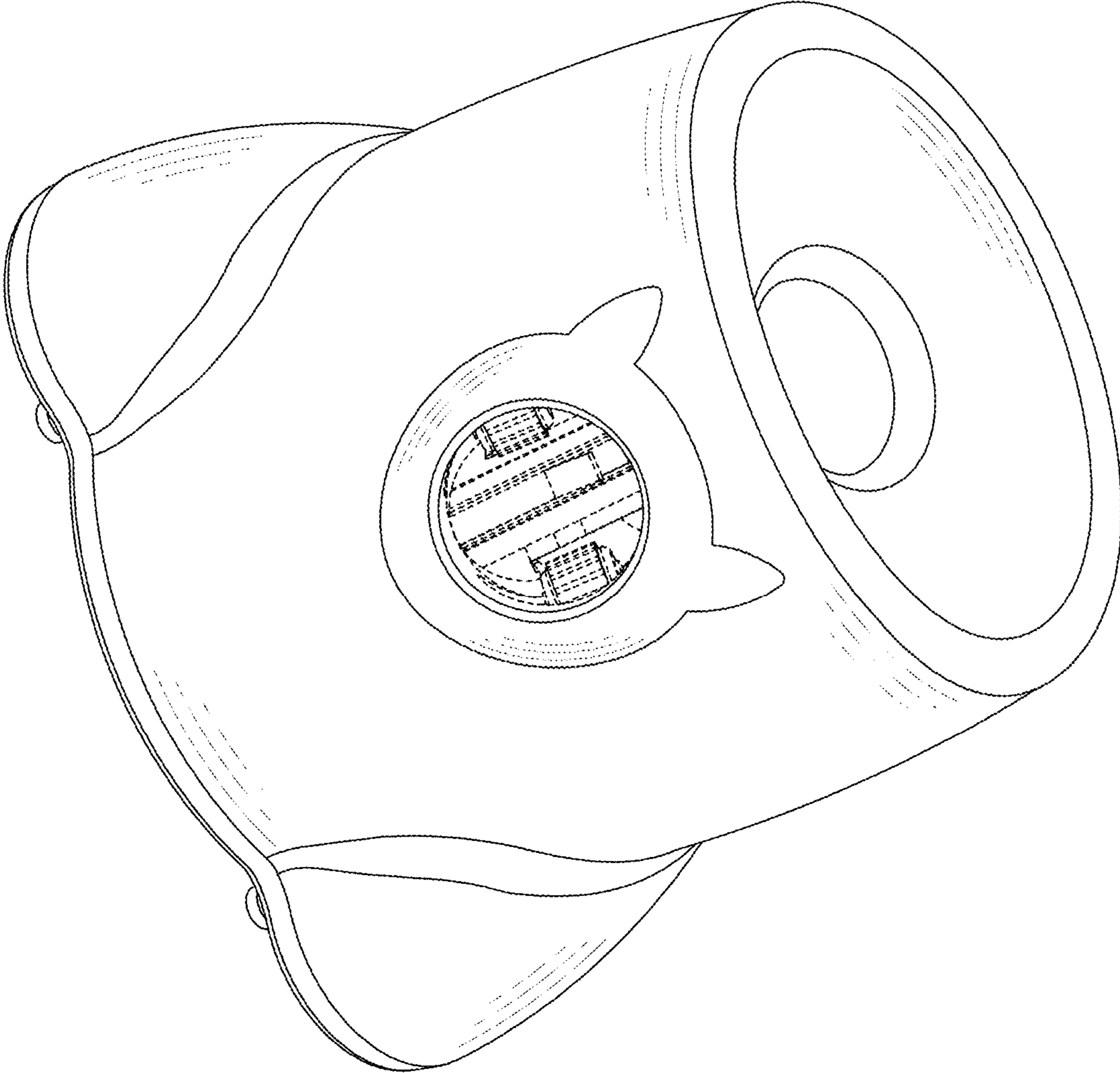


FIG. 1

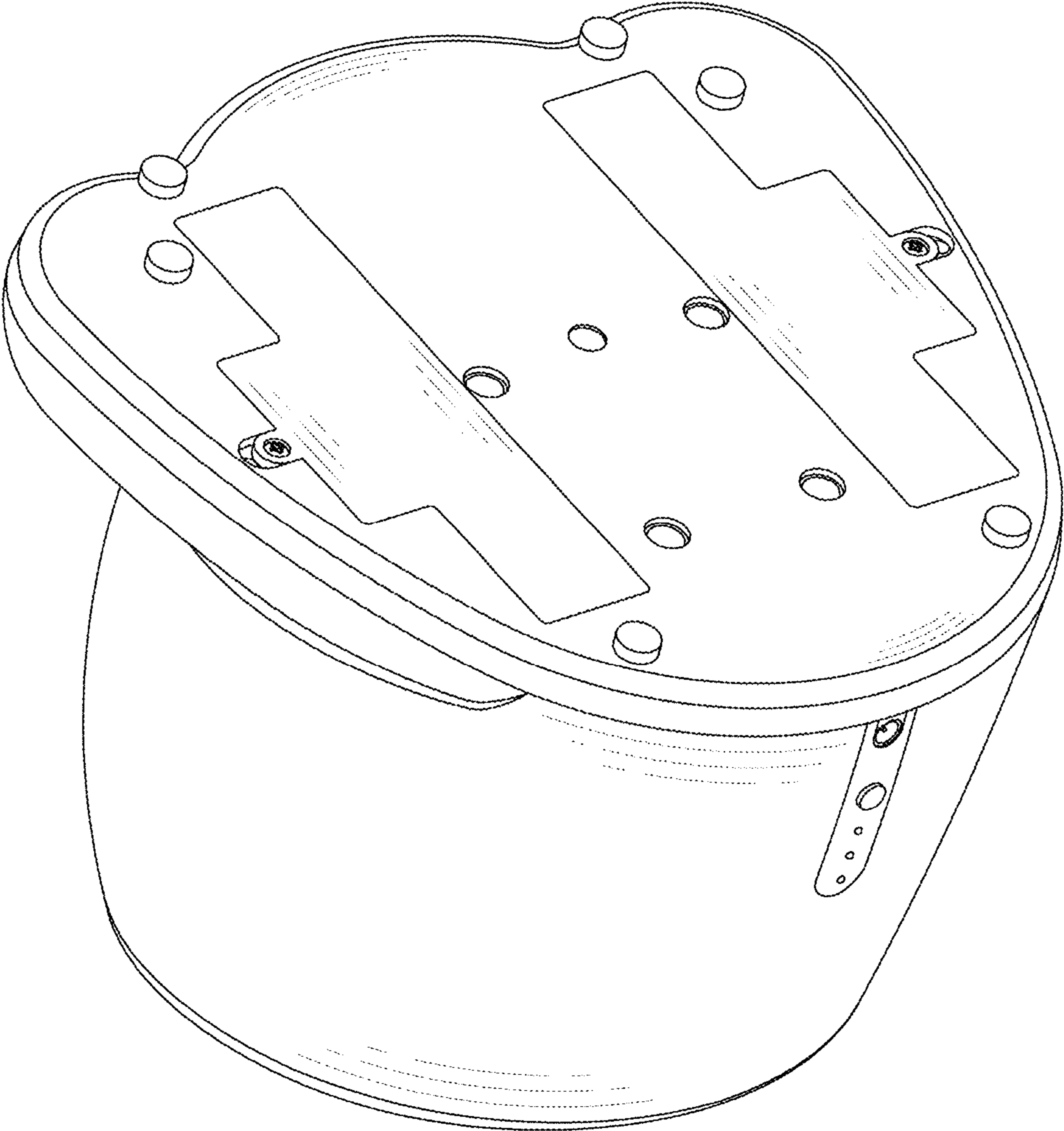


FIG. 2

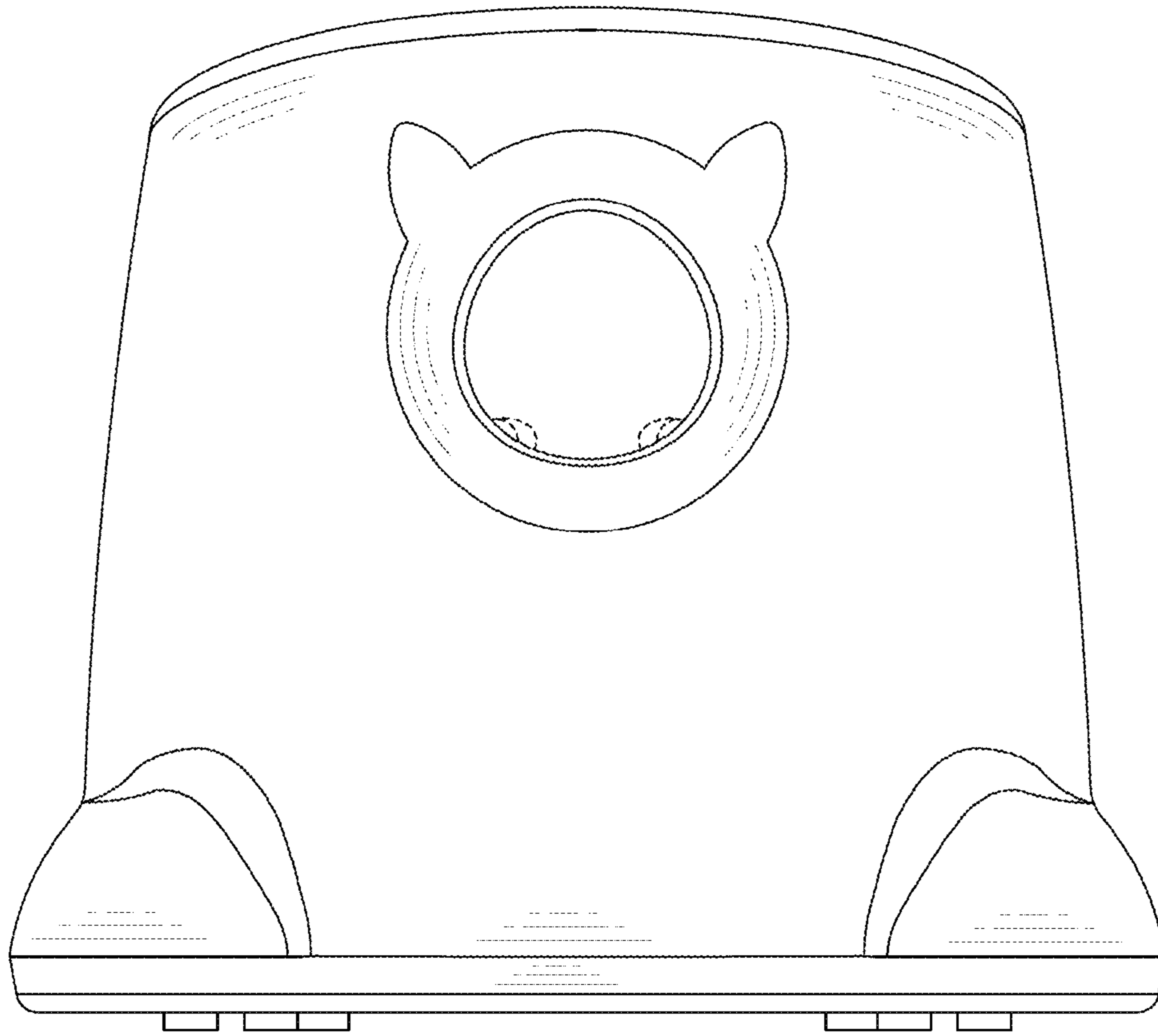


FIG. 3

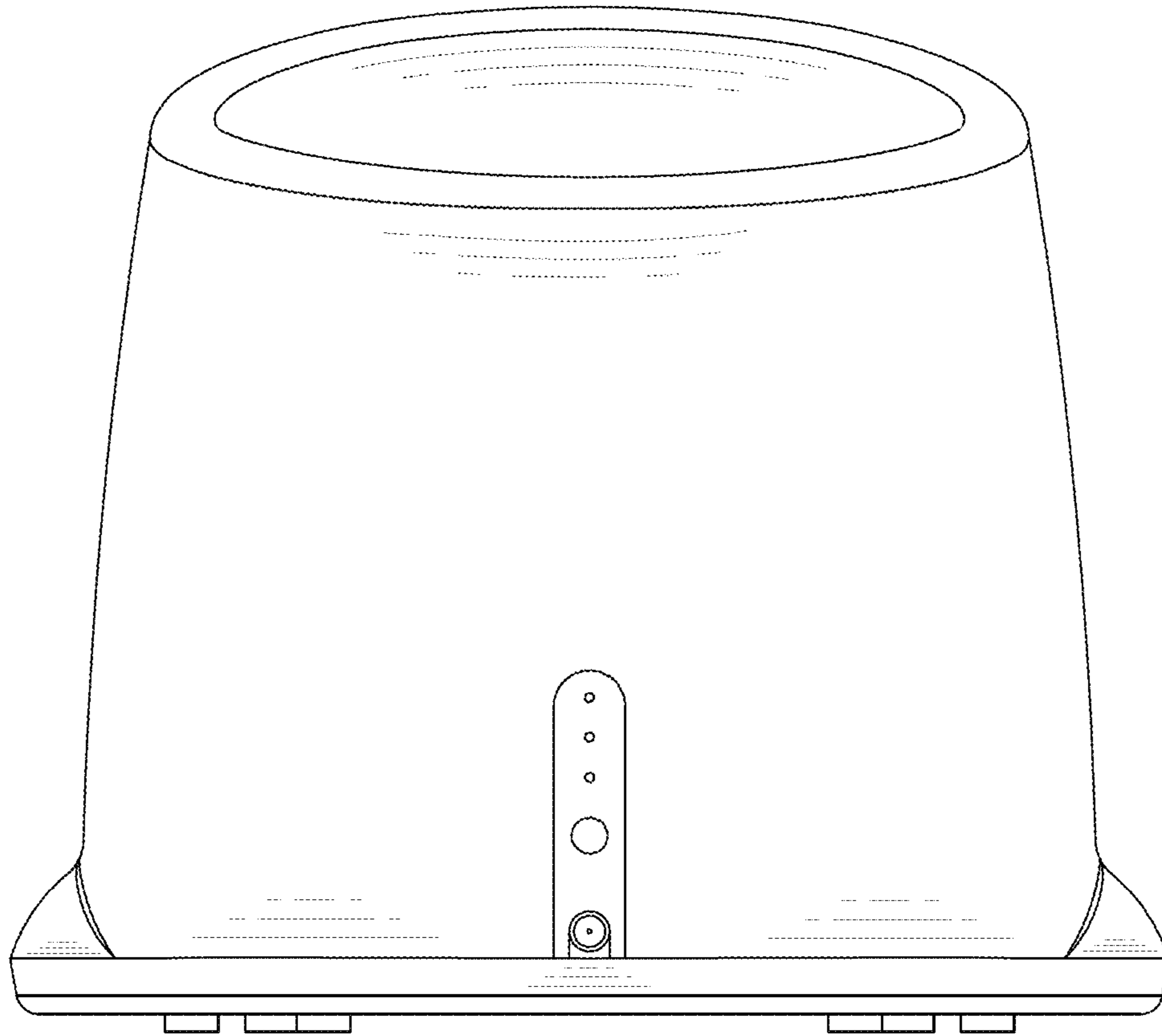


FIG. 4

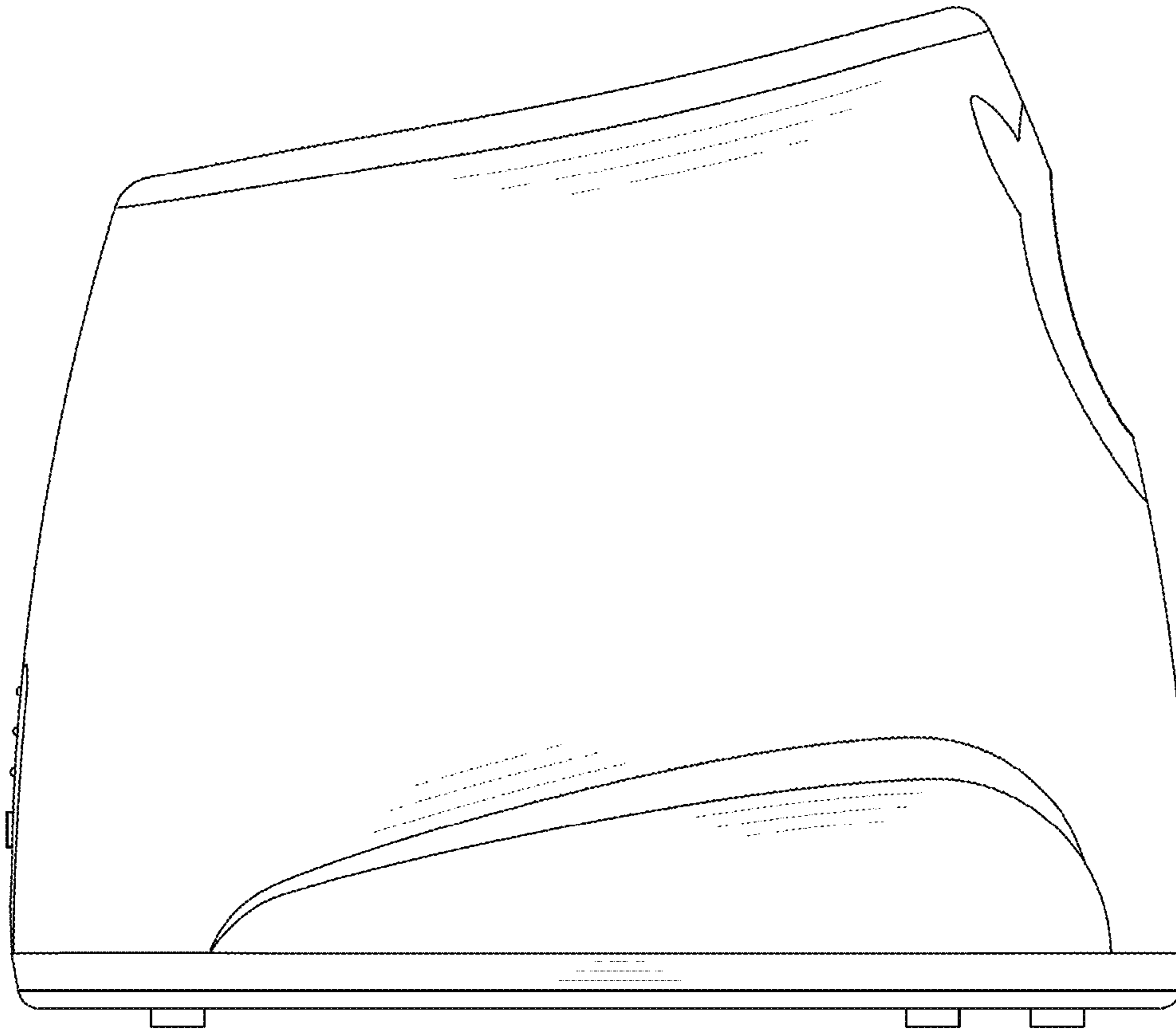


FIG. 5

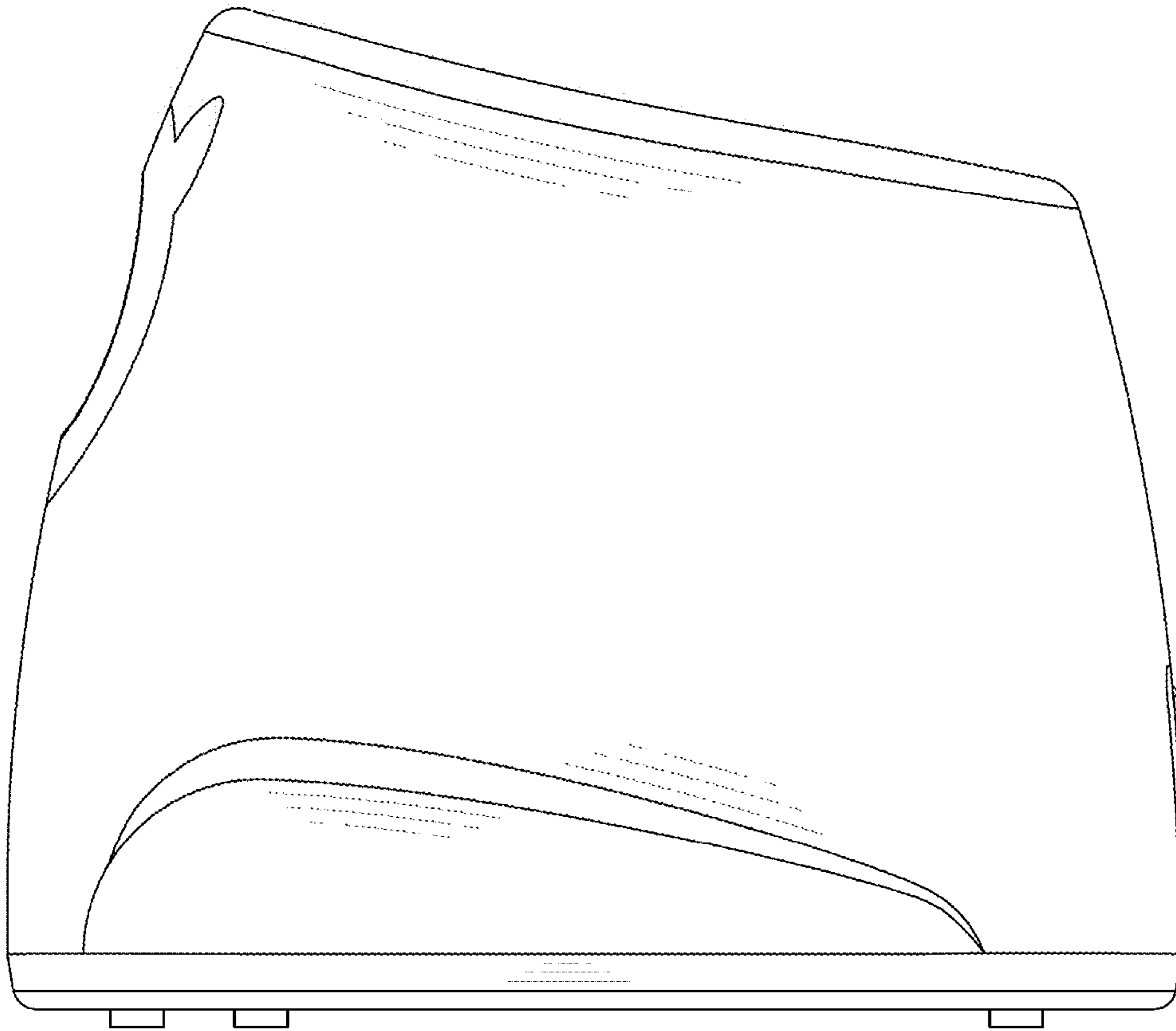


FIG. 6

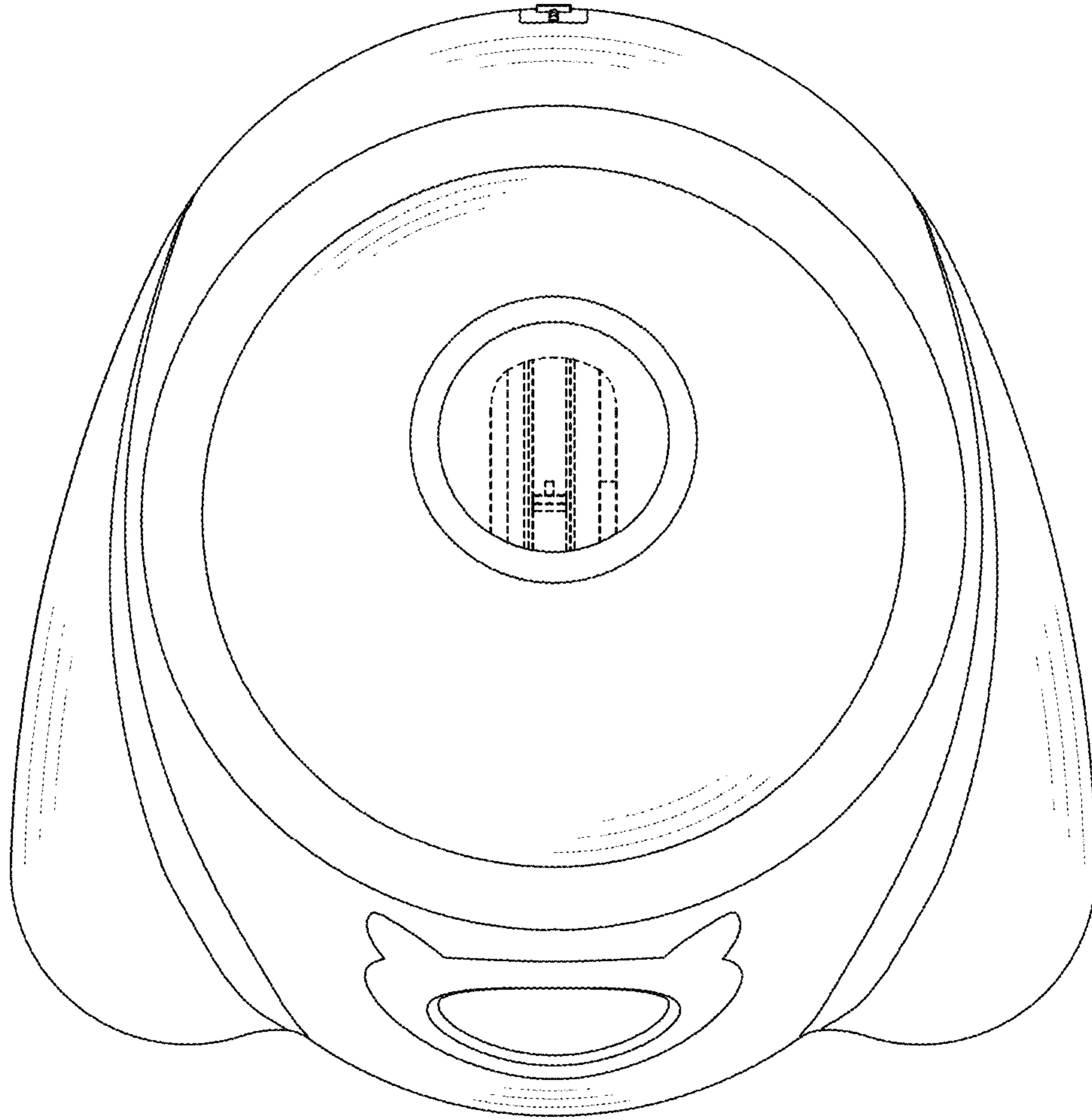


FIG. 7



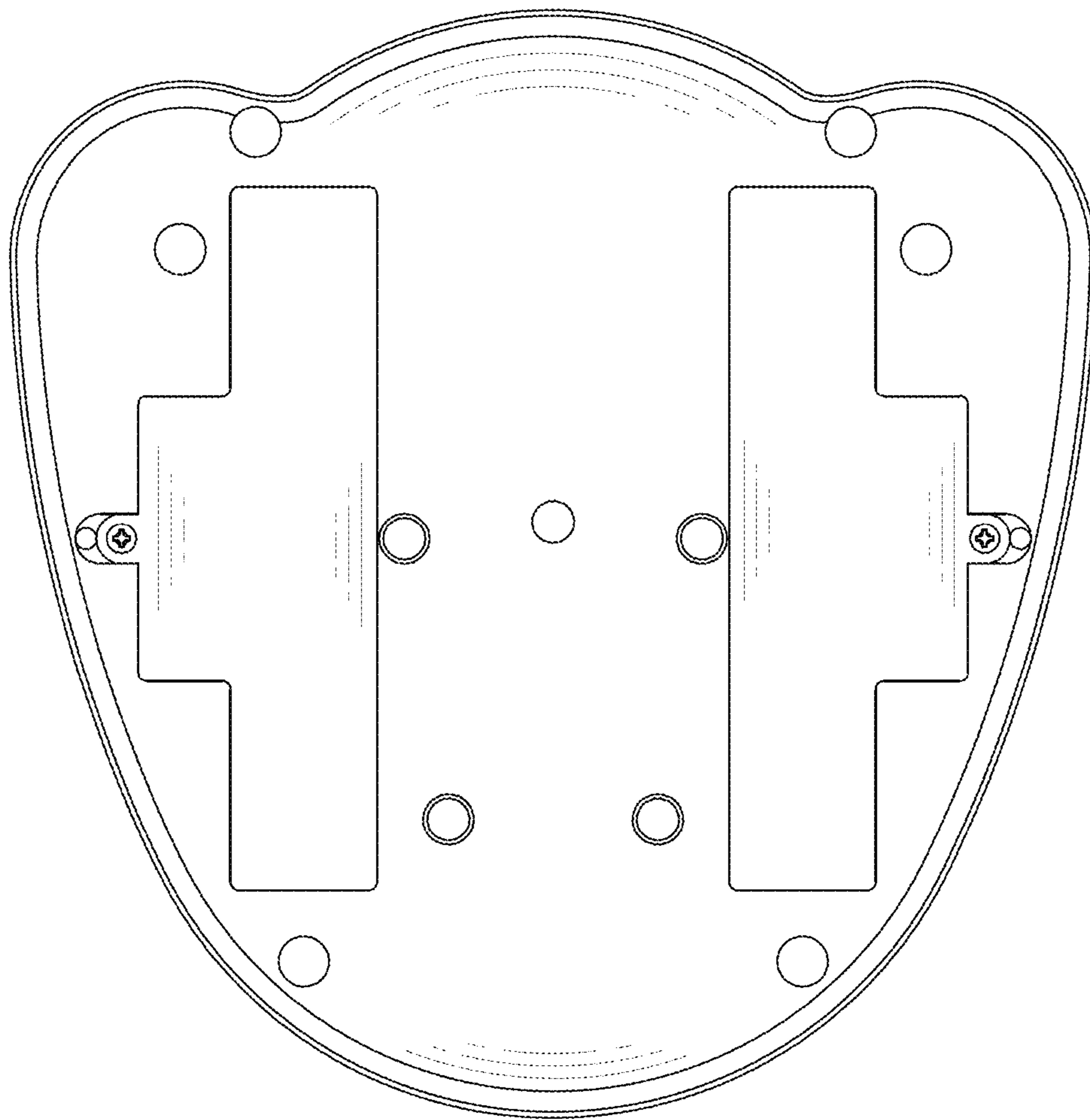


FIG. 8