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

(10) **Patent No.:** **US D987,689 S**  
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- (54) **BALLOON INFLATOR PUMP**
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- (73) Assignee: **GuangXi Stermay Industrial Limited, Wuzhou (CN)**
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/857,034**
- (22) Filed: **Oct. 19, 2022**
- (51) **LOC (14) Cl.** ..... **15-02**
- (52) **U.S. Cl.**  
USPC ..... **D15/7**
- (58) **Field of Classification Search**  
USPC ..... D14/163, 165, 172, 203.3, 203.6, 209.1,  
D14/214, 221, 497, 499, 509, 510;  
D24/168, 186, 213; D15/7-9; D12/114;  
D13/107, 110, 113, 122  
CPC ..... F04B 53/14; F04B 53/92; F04B 33/00;  
F04B 33/005; F04B 1/005; F04B 39/102;  
F04D 13/06; F04D 29/22; F04D 29/046;  
F04D 29/2266; F16K 11/048; F16K  
15/20; F16K 31/602; F16L 37/18; F16L  
37/20; A63H 2027/1033; A63H 2027/105;  
A63H 2027/1091; A63H 27/10  
See application file for complete search history.

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(Continued)

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*Assistant Examiner* — Mark T. Philipps

(57) **CLAIM**

The ornamental design for a balloon inflator pump, as shown and described.

**DESCRIPTION**

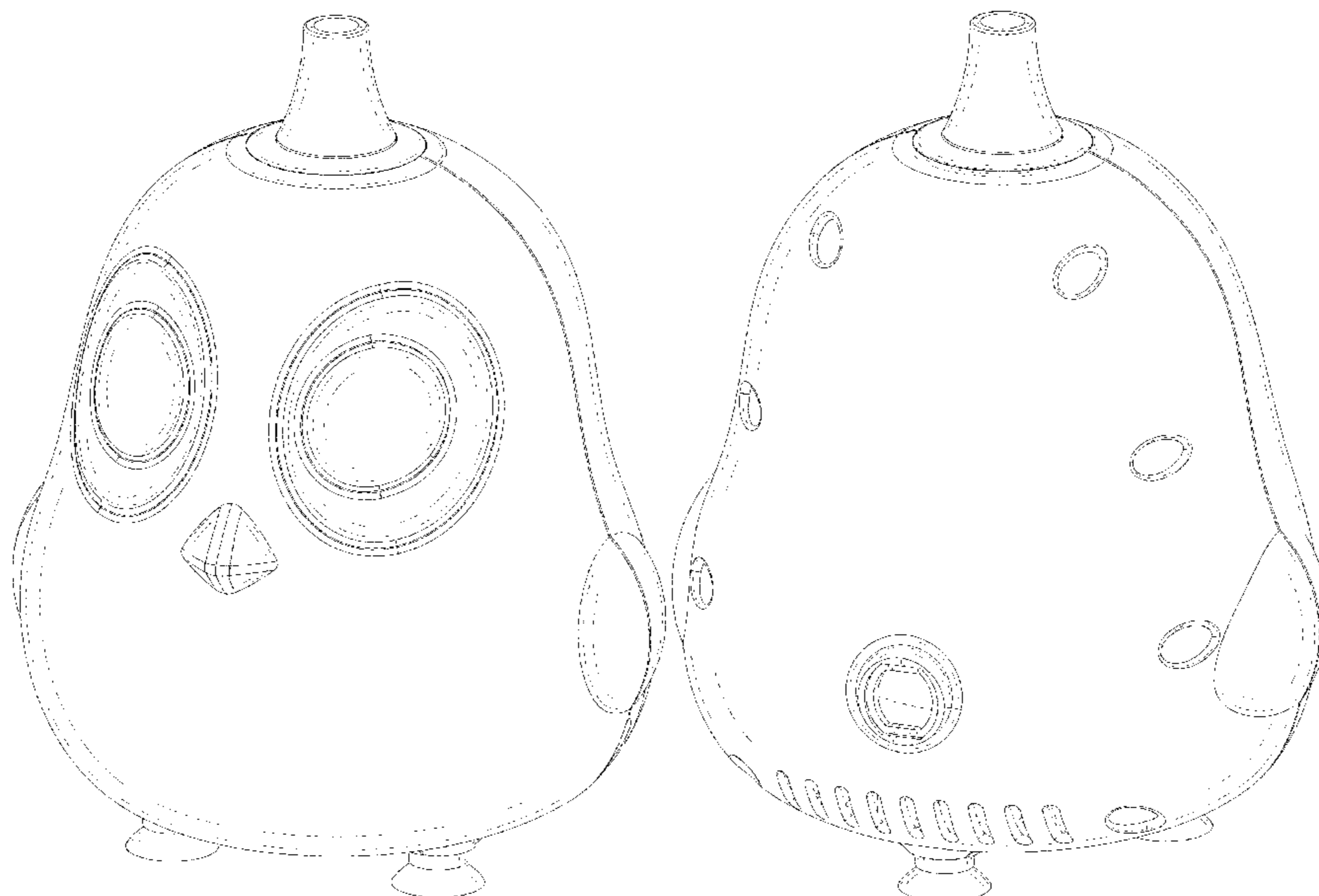
FIG. 1 is a front, right, top perspective view of a balloon inflator pump showing my new design;  
FIG. 2 is a back, right, top perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a back view thereof;  
FIG. 5 is a left view thereof;  
FIG. 6 is a right view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.  
The broken lines shown in the figures depict portions of the balloon inflator pump that do not form part of the claimed design.

**1 Claim, 8 Drawing Sheets**

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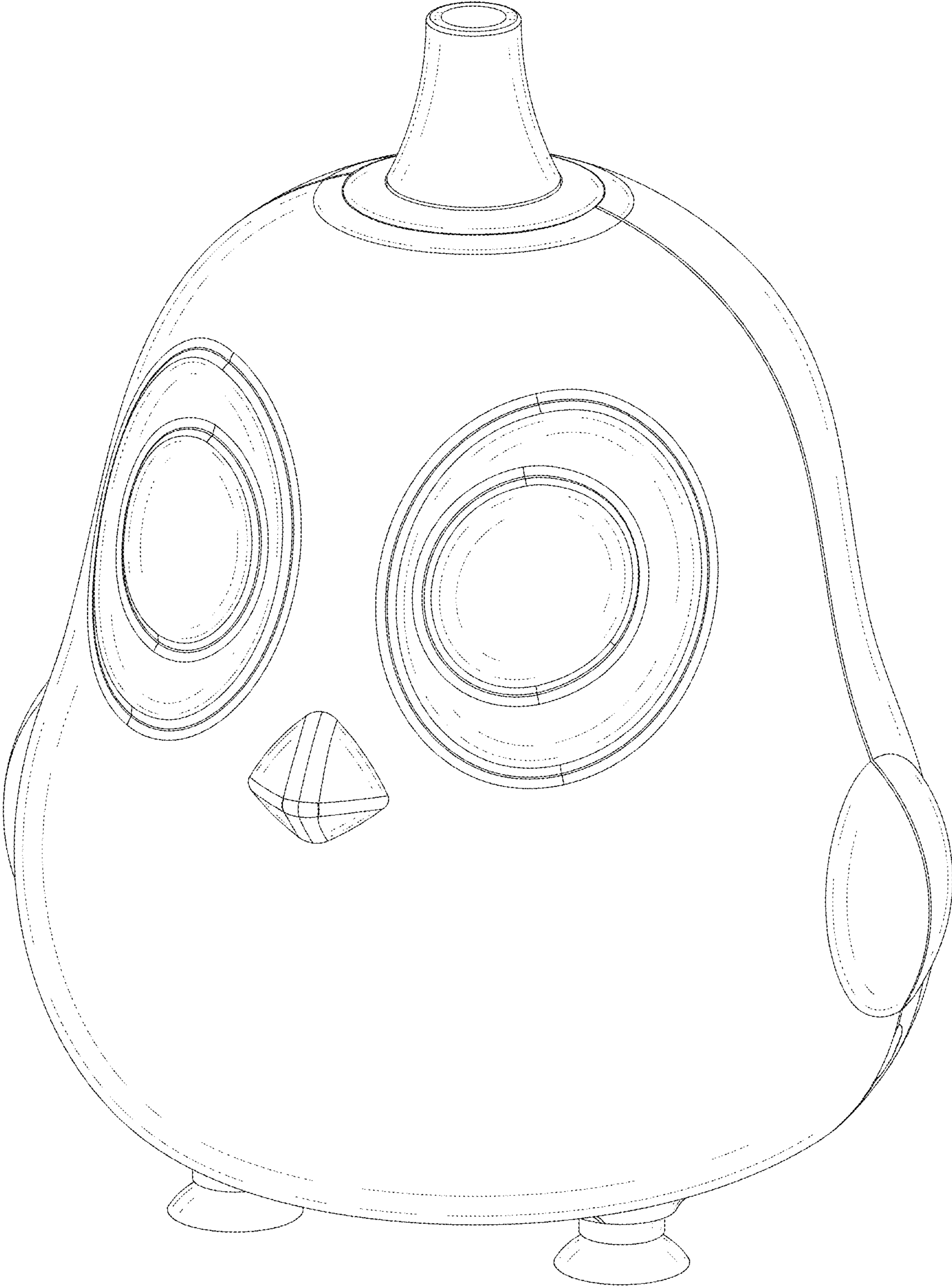


FIG. 1

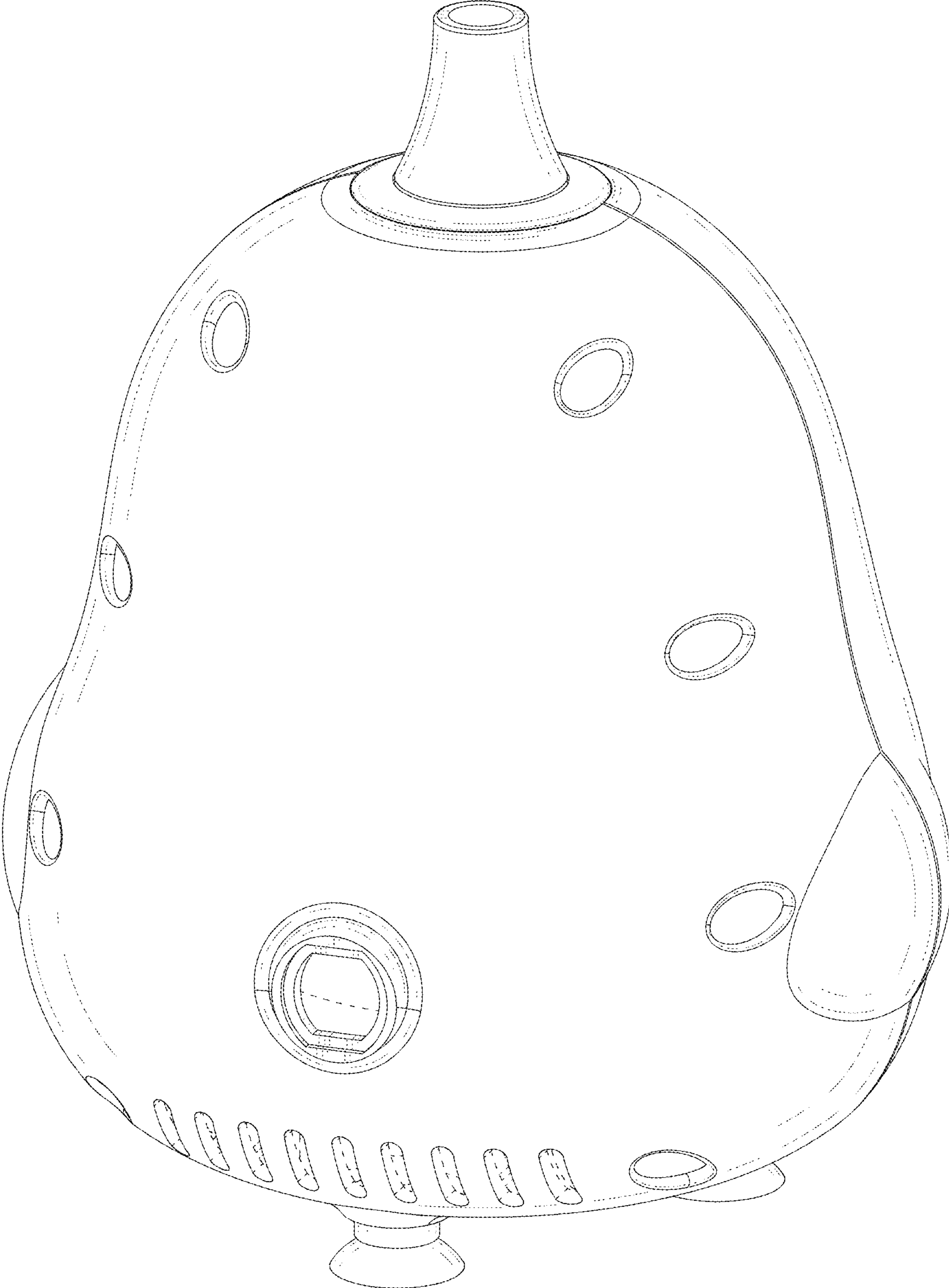


FIG. 2

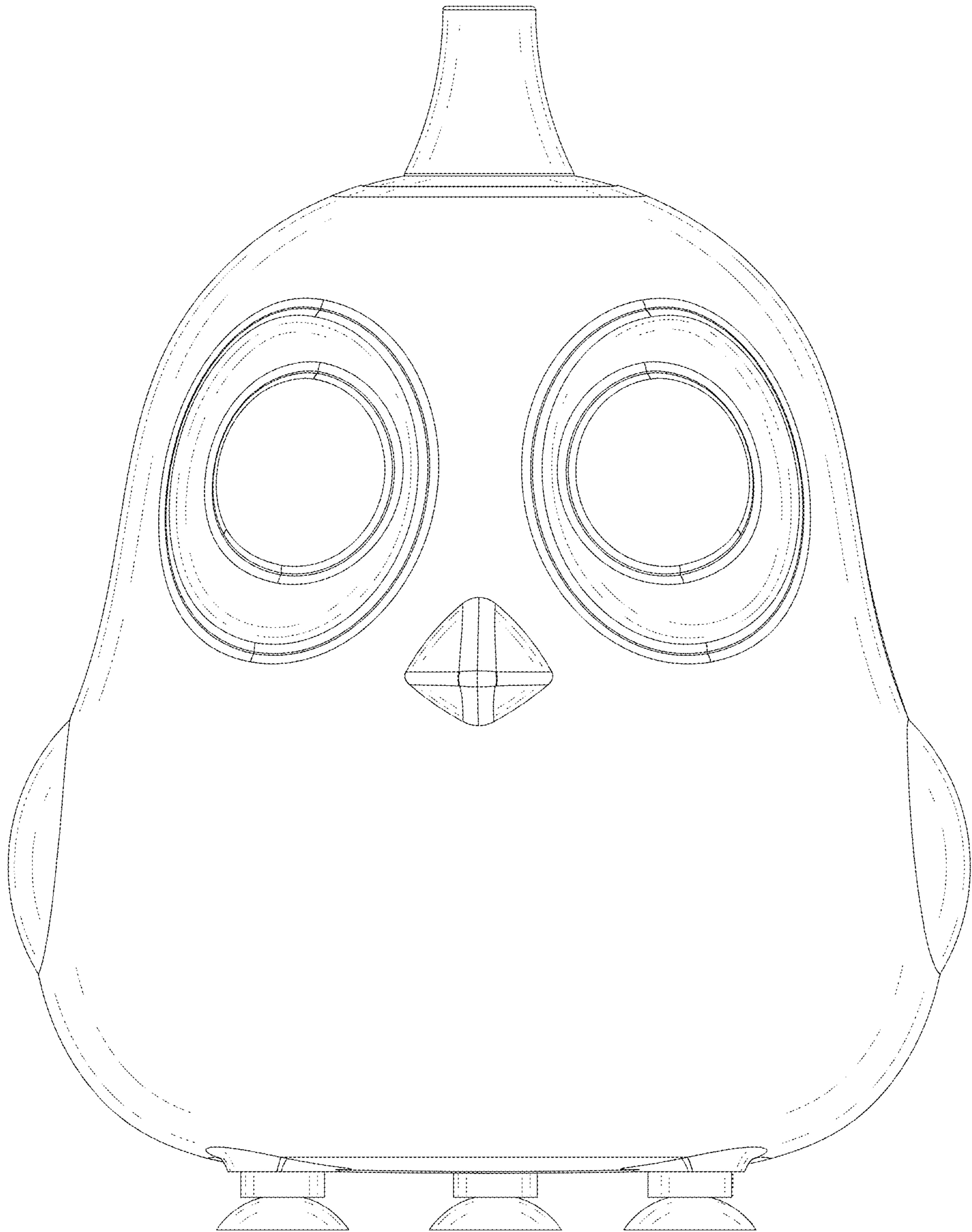


FIG. 3

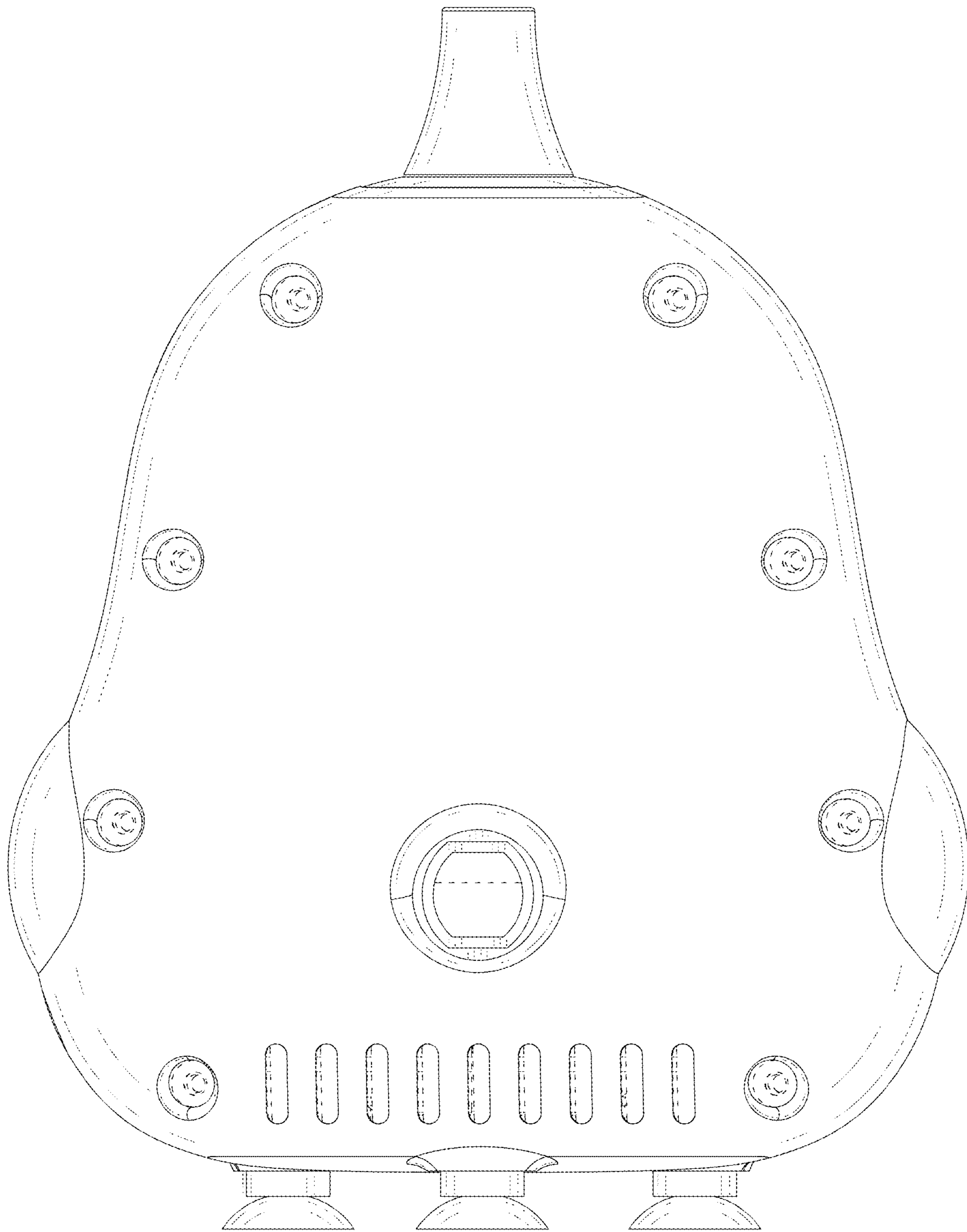


FIG. 4

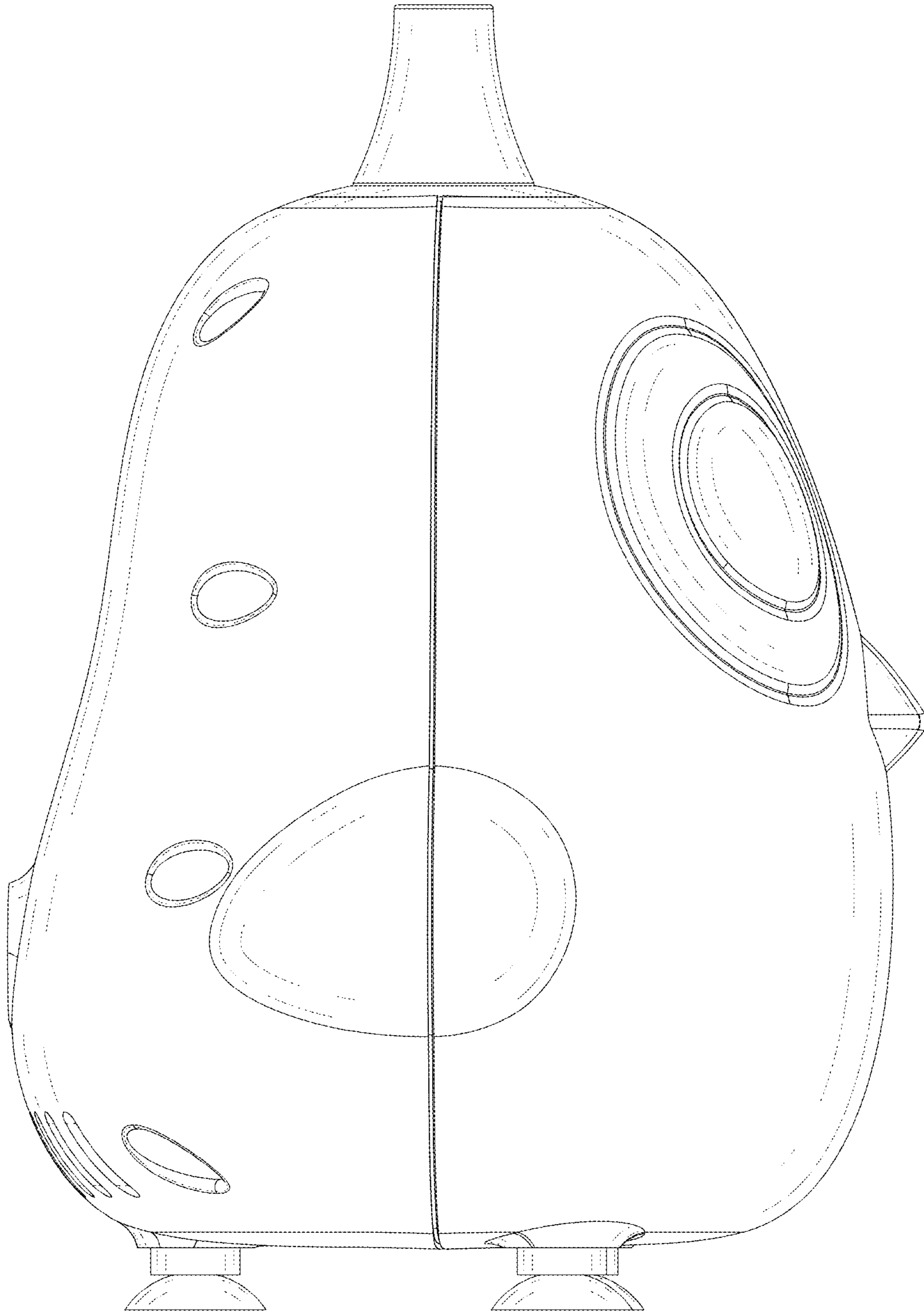


FIG. 5

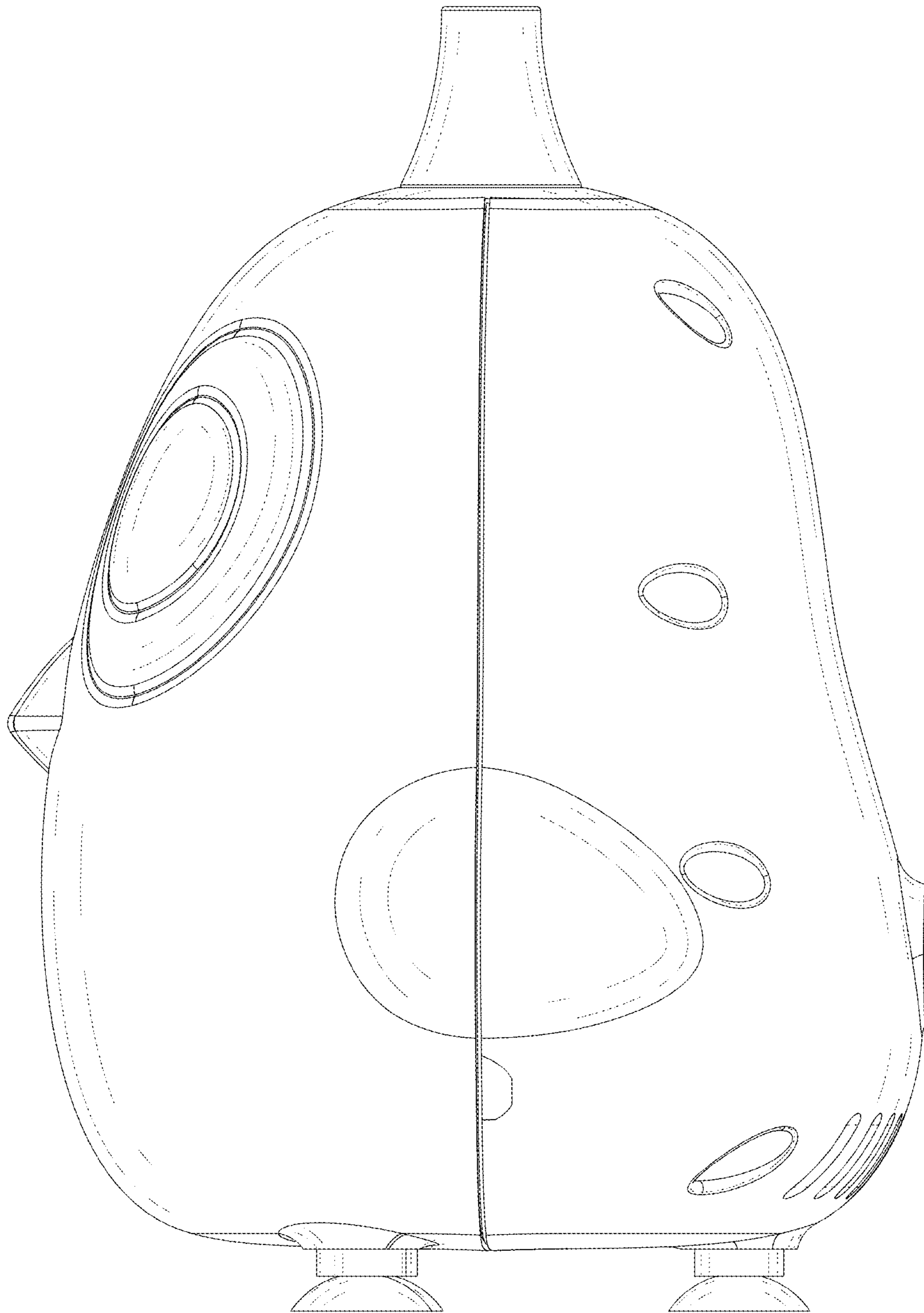


FIG. 6



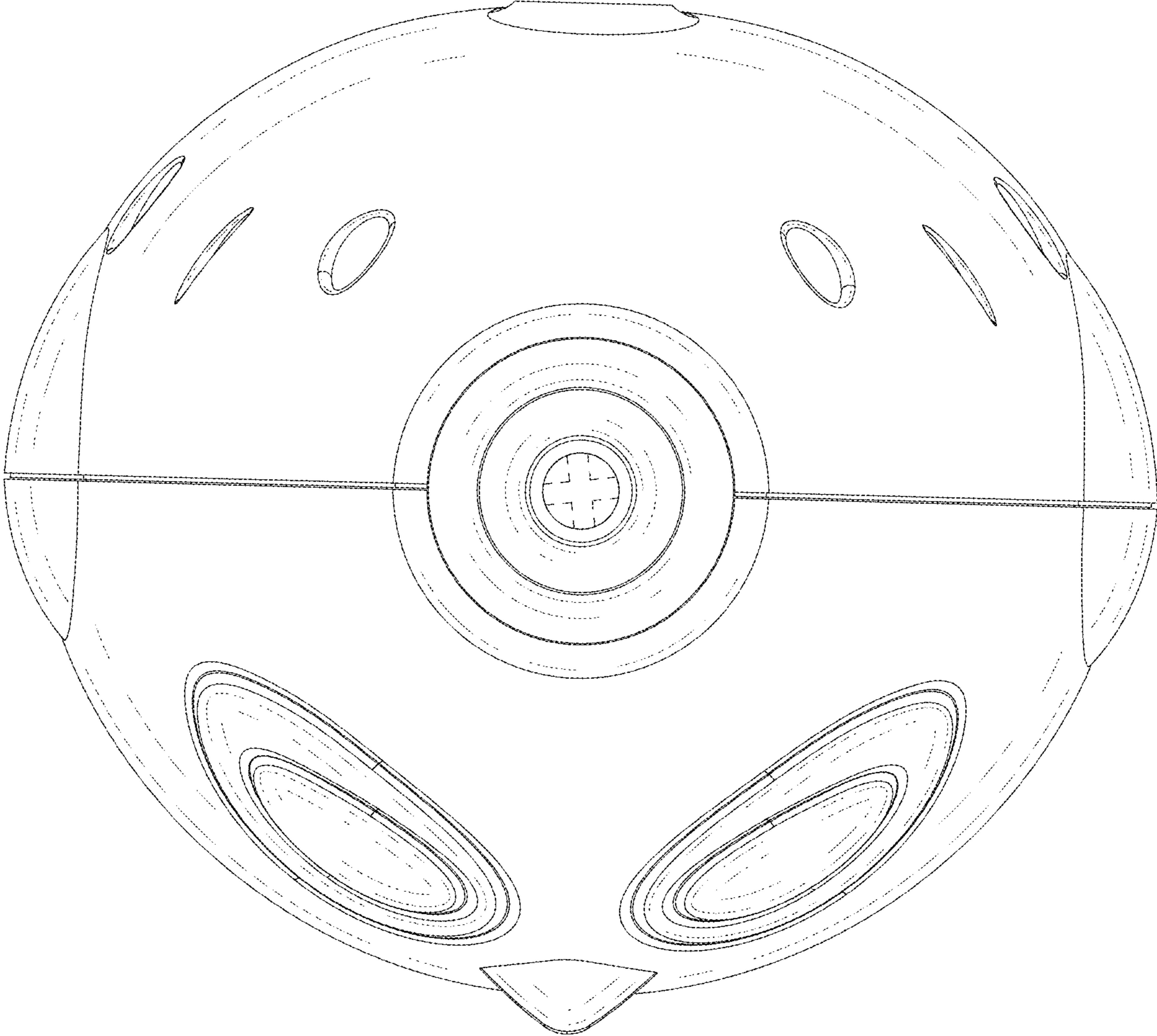


FIG. 7

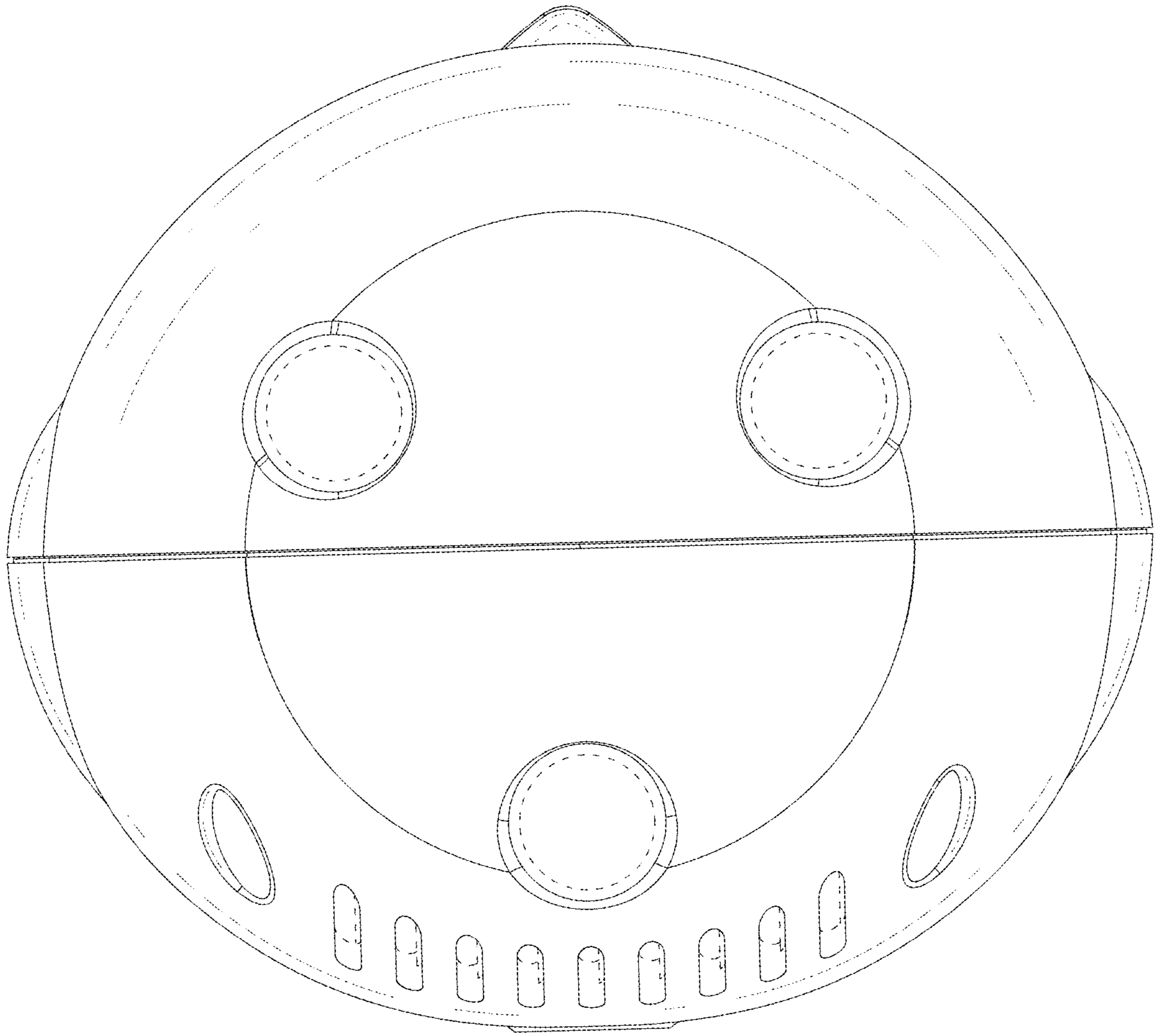


FIG. 8