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

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(54) **CLEANER**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/31**

(58) **Field of Classification Search**  
USPC ..... D32/1, 15-18, 21-22, 31, 34; D30/158  
CPC ..... A47L 5/24; A47L 5/362; A47L 15/28;  
A47L 9/325; A47L 9/2857; A47L 9/1427;  
A47L 15/14; A47L 9/2884; A47L 9/1666;  
A47L 9/1683; A47L 9/1625; A47L 9/22;  
B26B 19/44; B60S 3/002; F28G 3/166;  
B01D 50/002; B01D 45/12; E04H 4/1654  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a cleaner, showing our new design;  
 FIG. 2 is a front view thereof;  
 FIG. 3 is a rear view thereof;  
 FIG. 4 is a side view thereof;  
 FIG. 5 is another side view thereof;  
 FIG. 6 is a top view thereof;  
 FIG. 7 is a bottom view thereof;  
 FIG. 8 is an enlarged view of the encircled portion 8 as shown in FIG. 4; and,  
 FIG. 9 is an enlarged view of the encircled portion 9 as shown in FIG. 5.

The broken lines are for environmental purpose only and form no part of the claimed design.

The dot-dash broken lines encircling enlargement portions of the design form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**

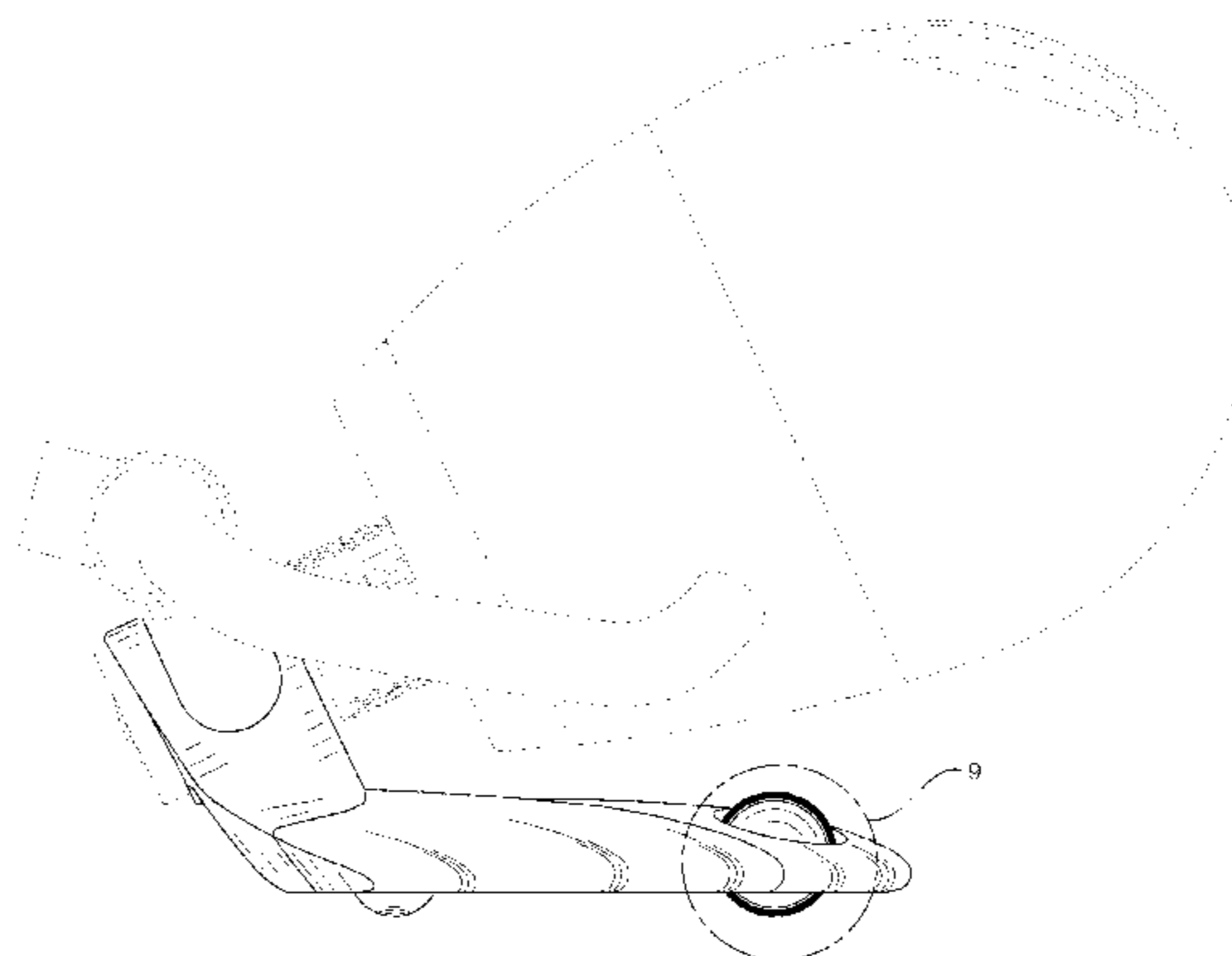
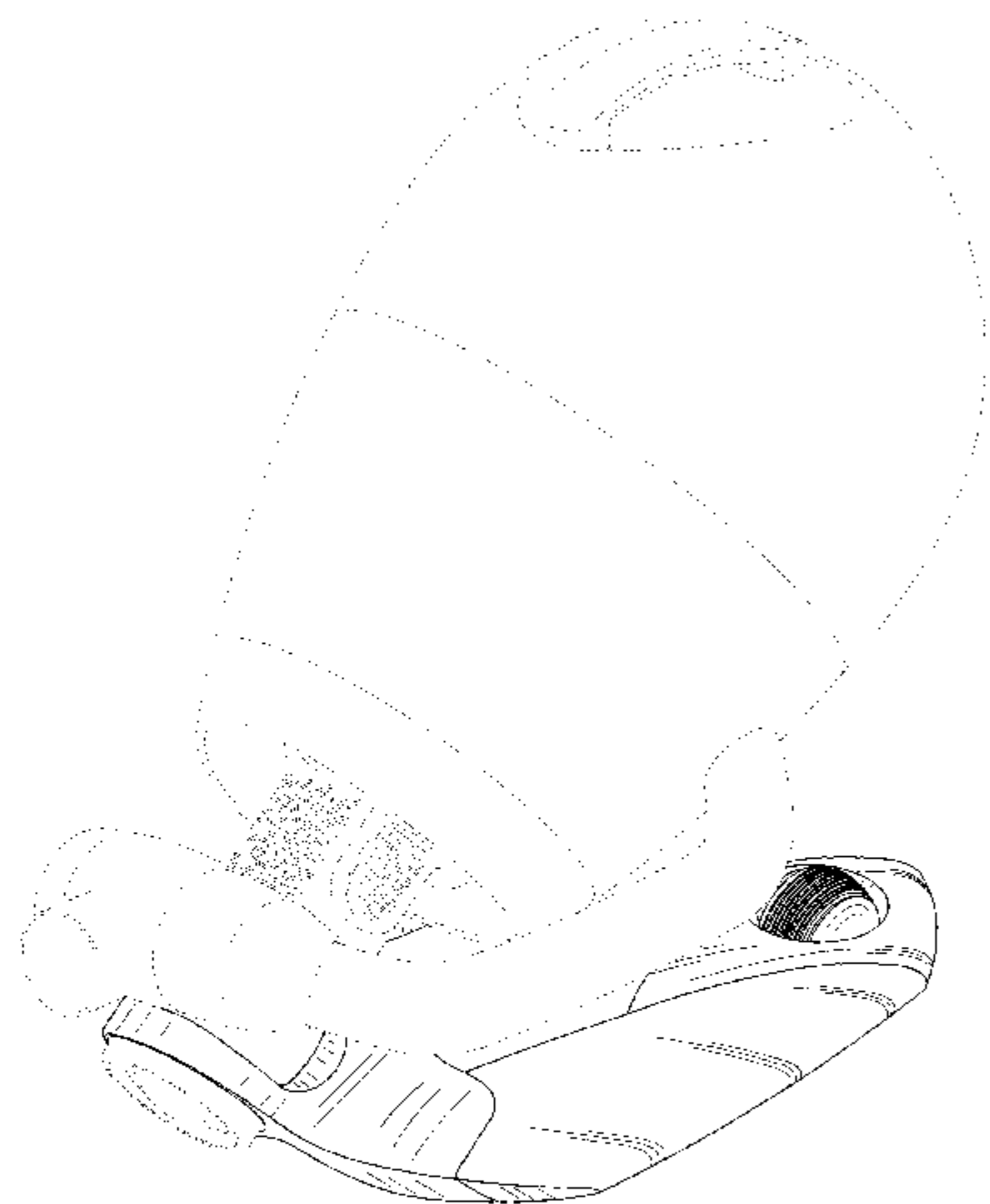


FIG. 1

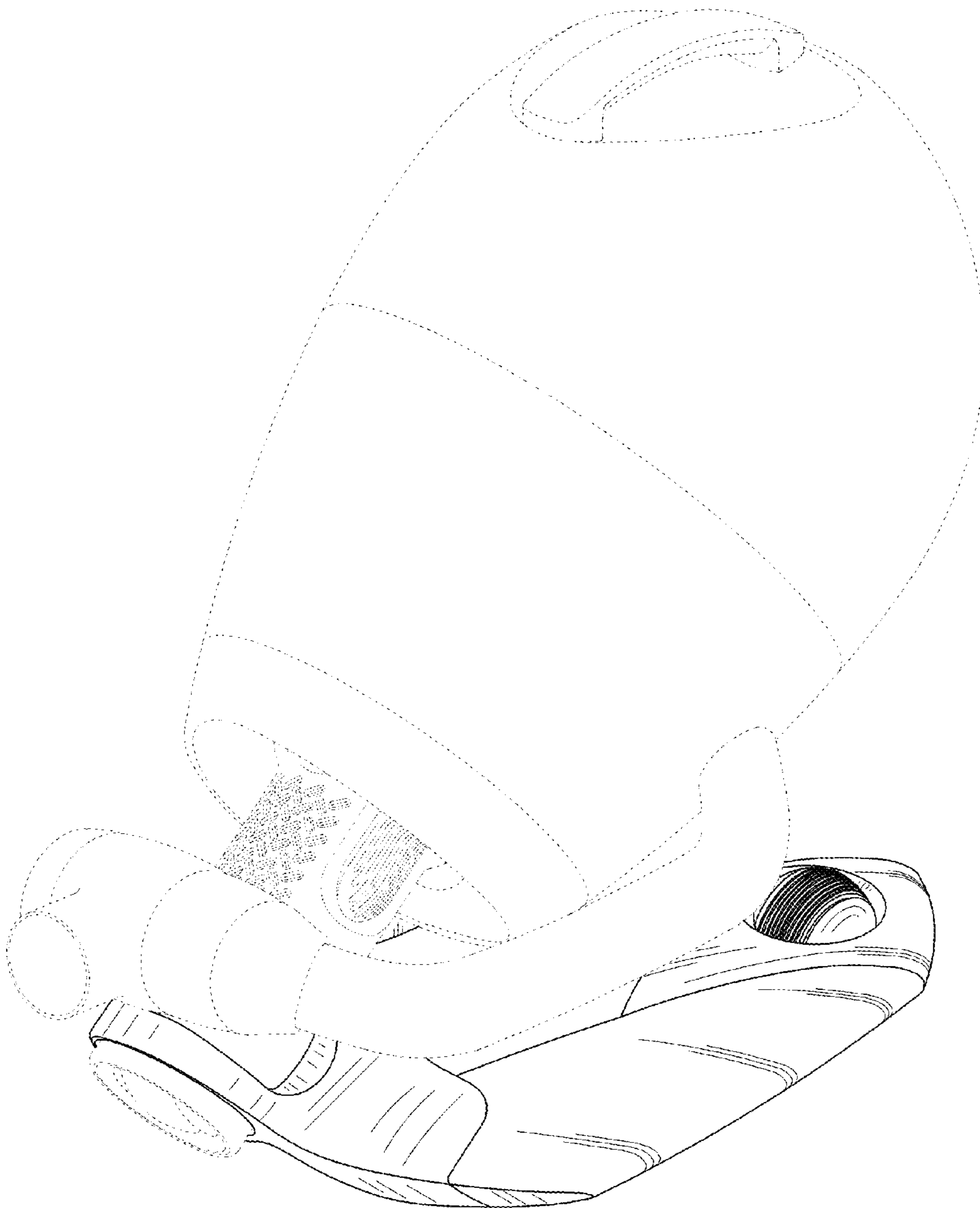


FIG. 2

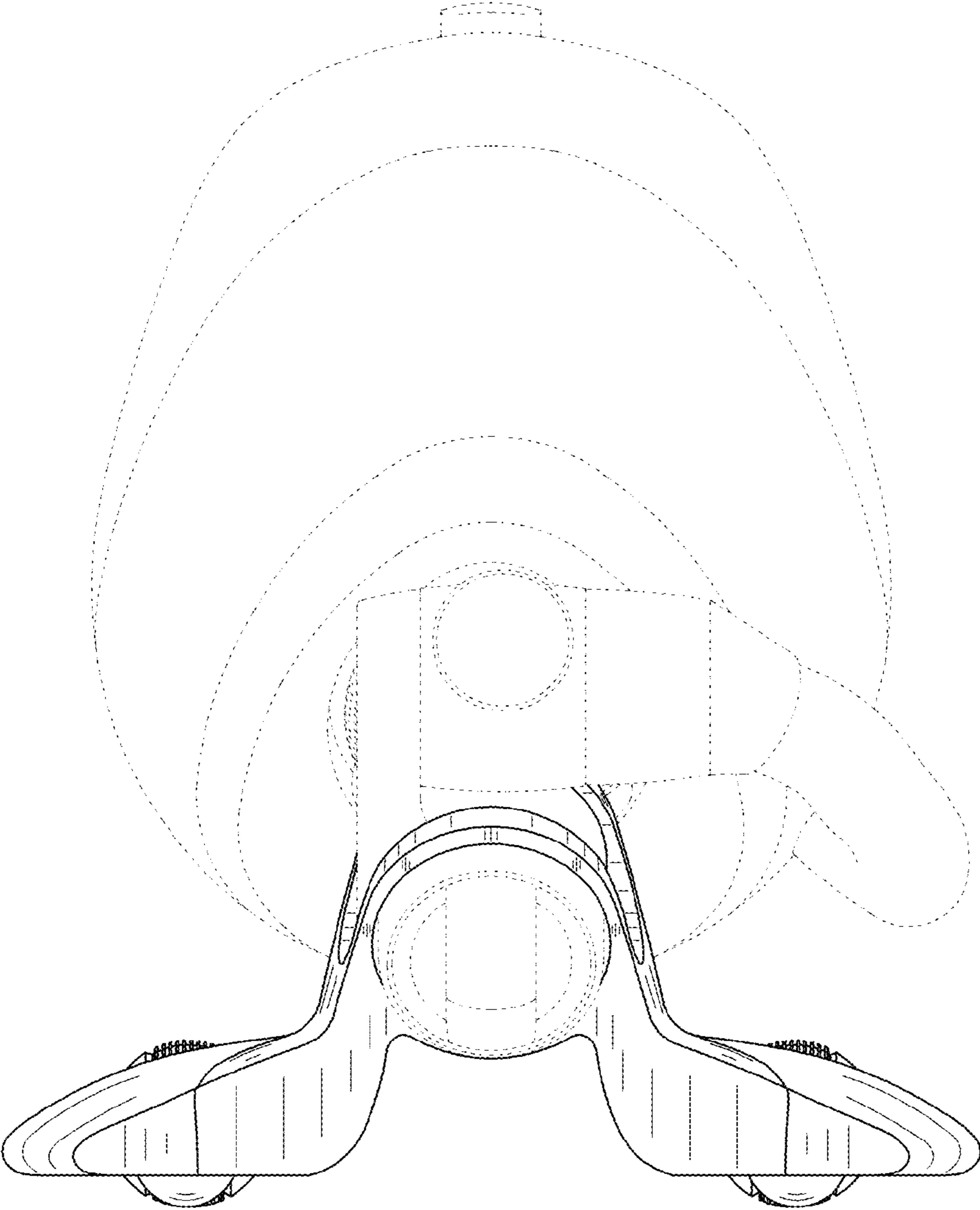


FIG. 3

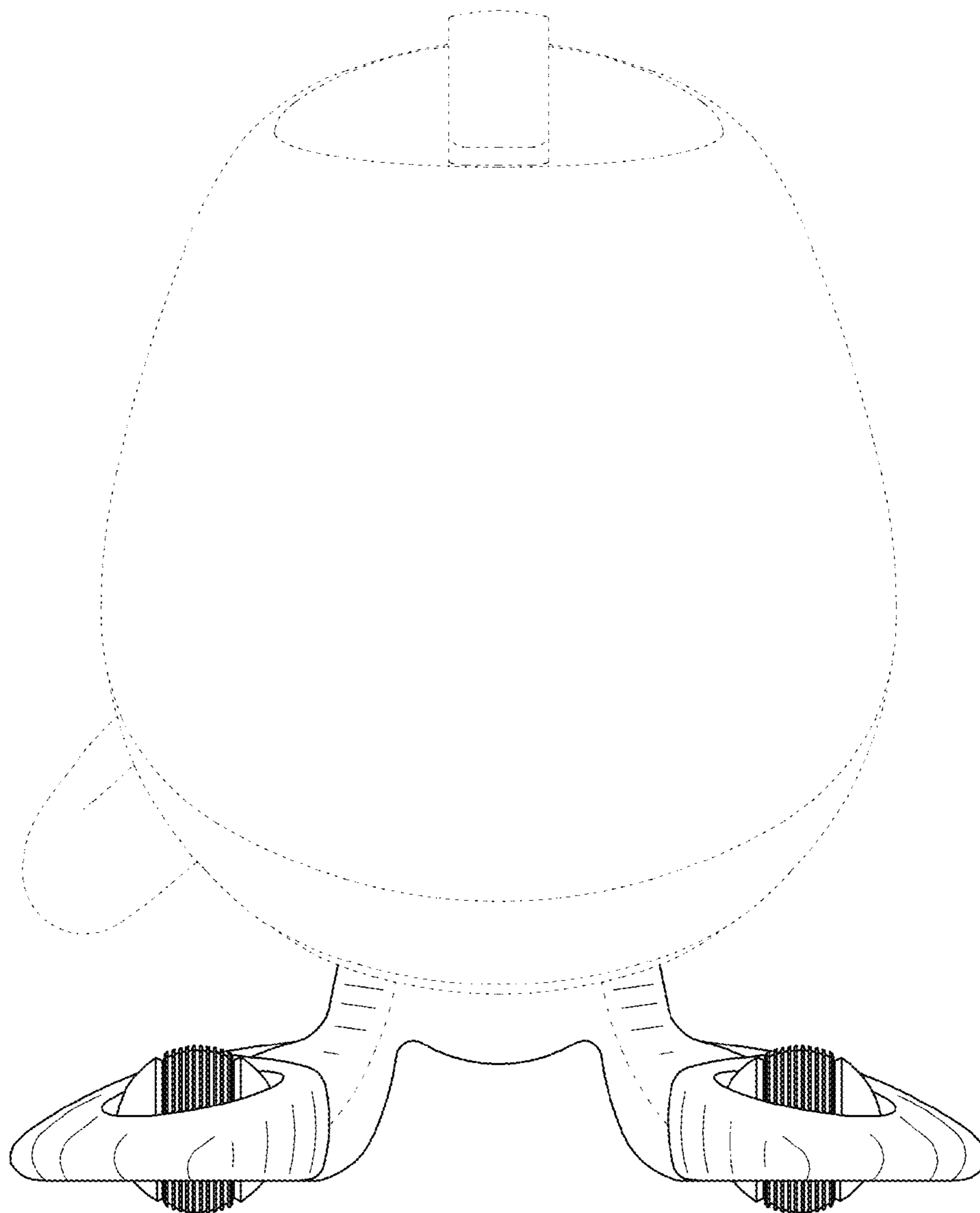


FIG. 4

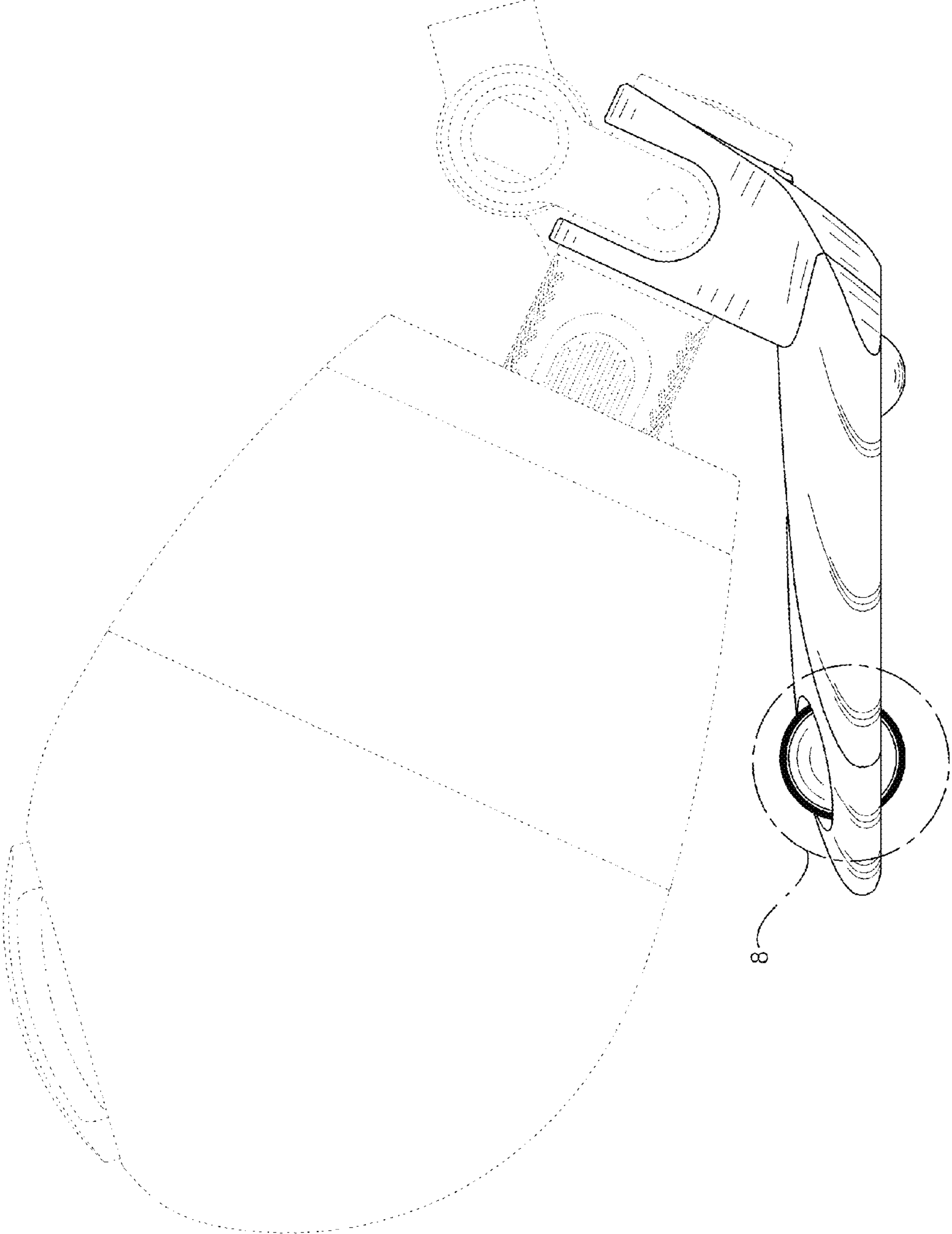


FIG. 5

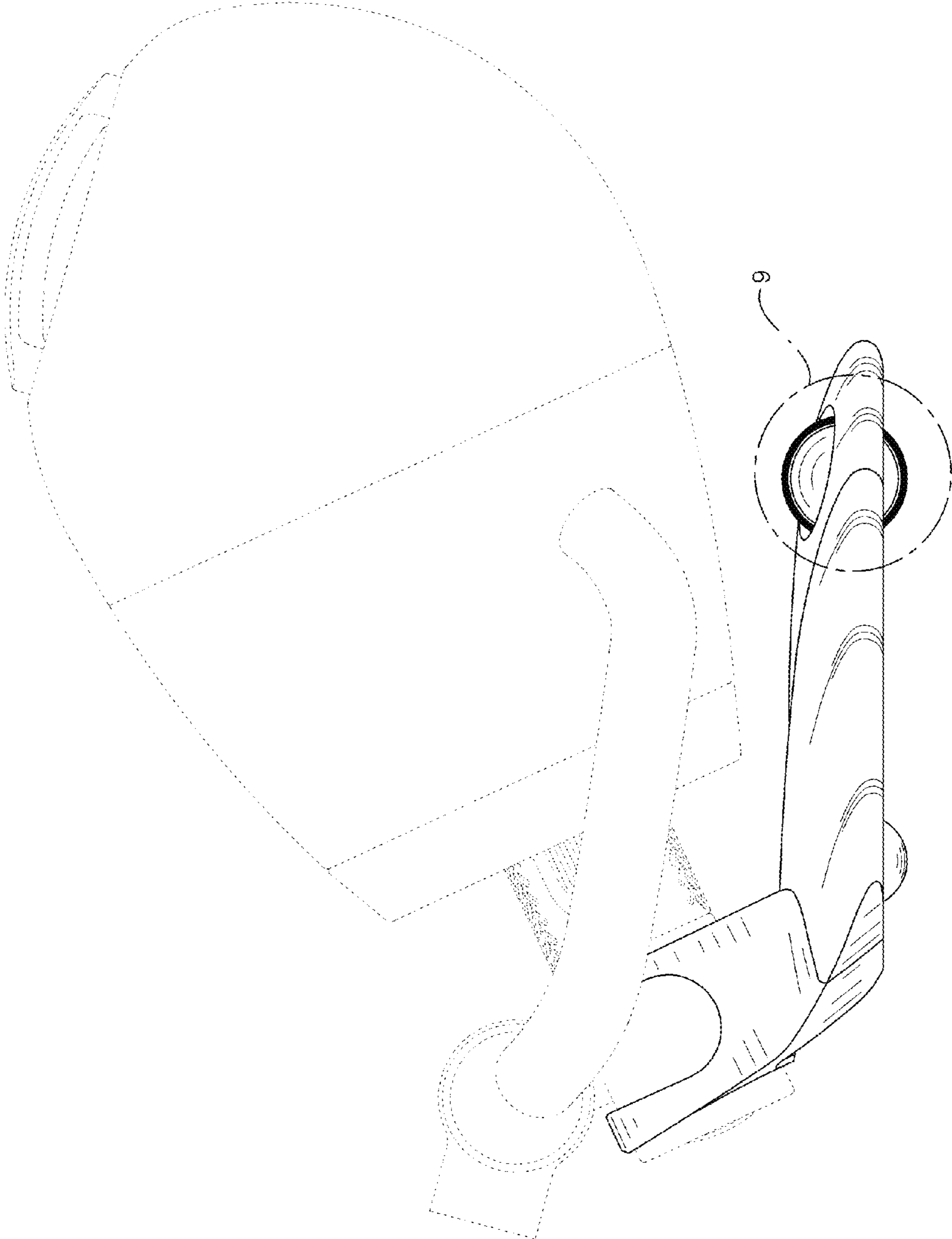


FIG. 6

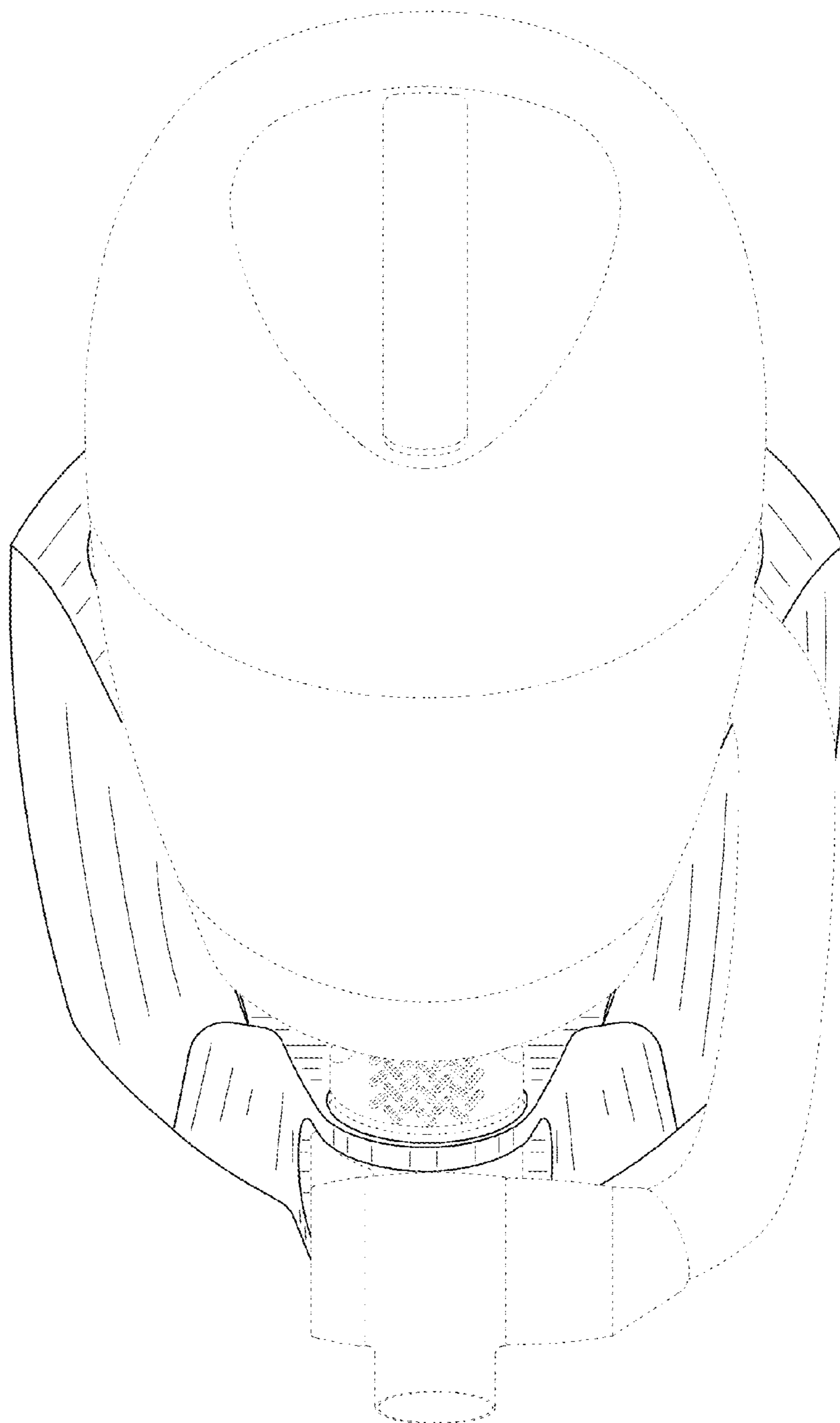


FIG. 7

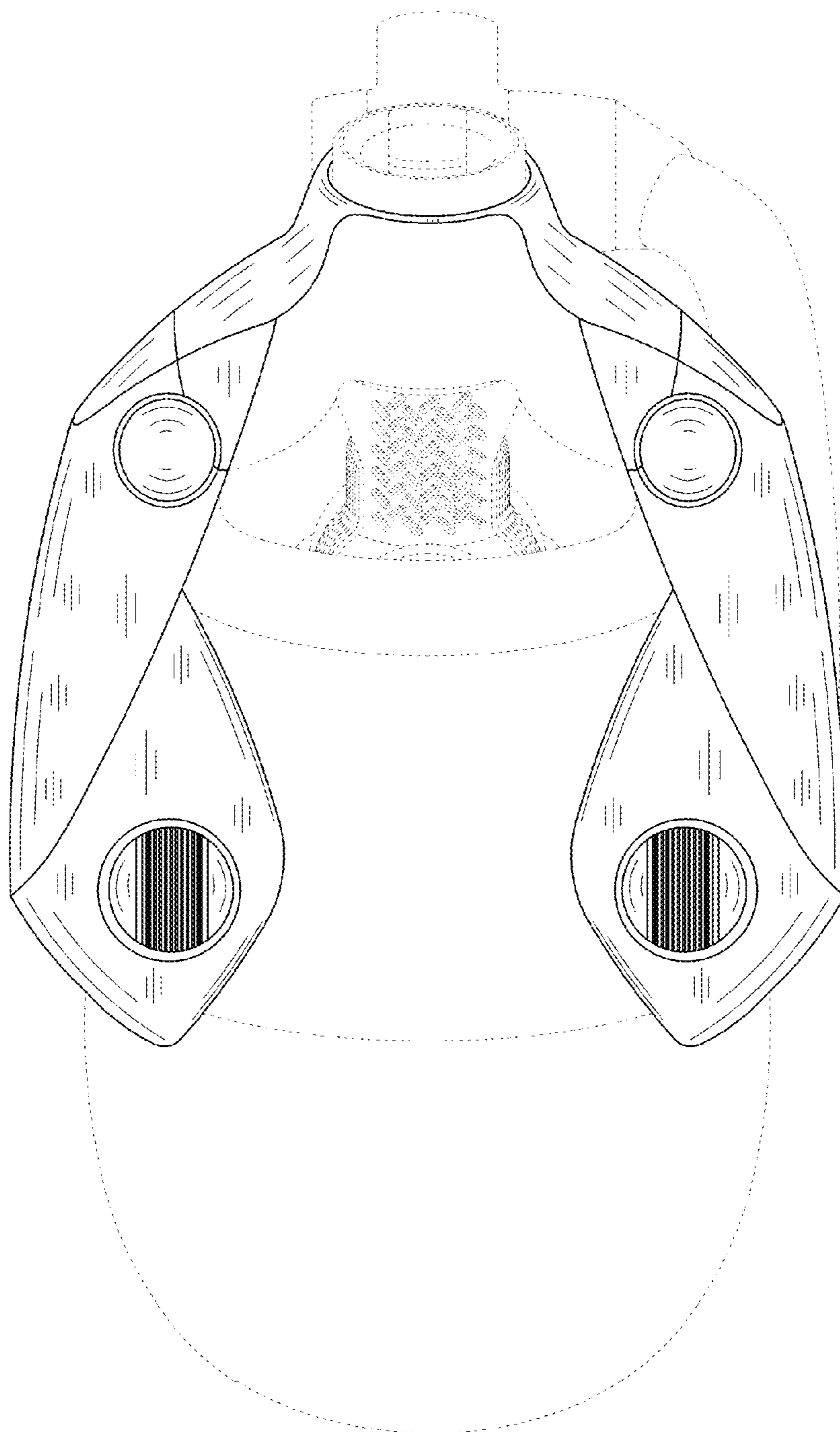




FIG. 8

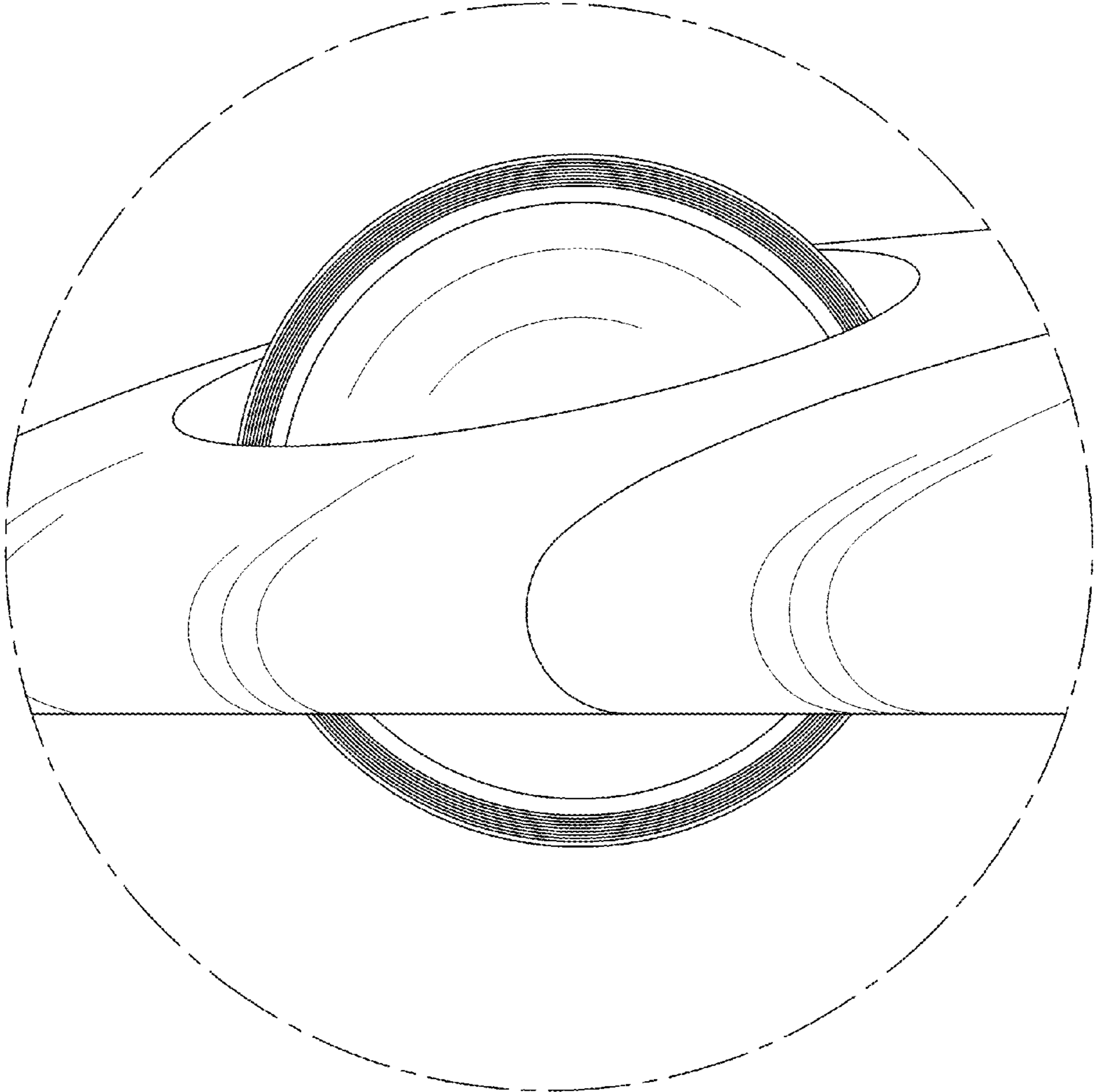


FIG. 9

