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

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(54) **VACUUM CLEANER**

FOREIGN PATENT DOCUMENTS

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(Continued)

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

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(21) Appl. No.: **29/540,578**

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(22) Filed: **Sep. 25, 2015**

(74) *Attorney, Agent, or Firm* — Ladas & Parry LLP

(30) **Foreign Application Priority Data**

(57) **CLAIM**

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We claim the ornamental design for a vacuum cleaner, as shown and described.

(51) **LOC (11) Cl.** ..... **07-05**

**DESCRIPTION**

(52) **U.S. Cl.**  
USPC ..... **D32/45**

(58) **Field of Classification Search**  
USPC ..... D32/40–45, 50–52, 17–18, 20–24  
CPC ..... A47L 13/02; A47L 13/22; A47L 13/24;  
A47L 13/26

See application file for complete search history.

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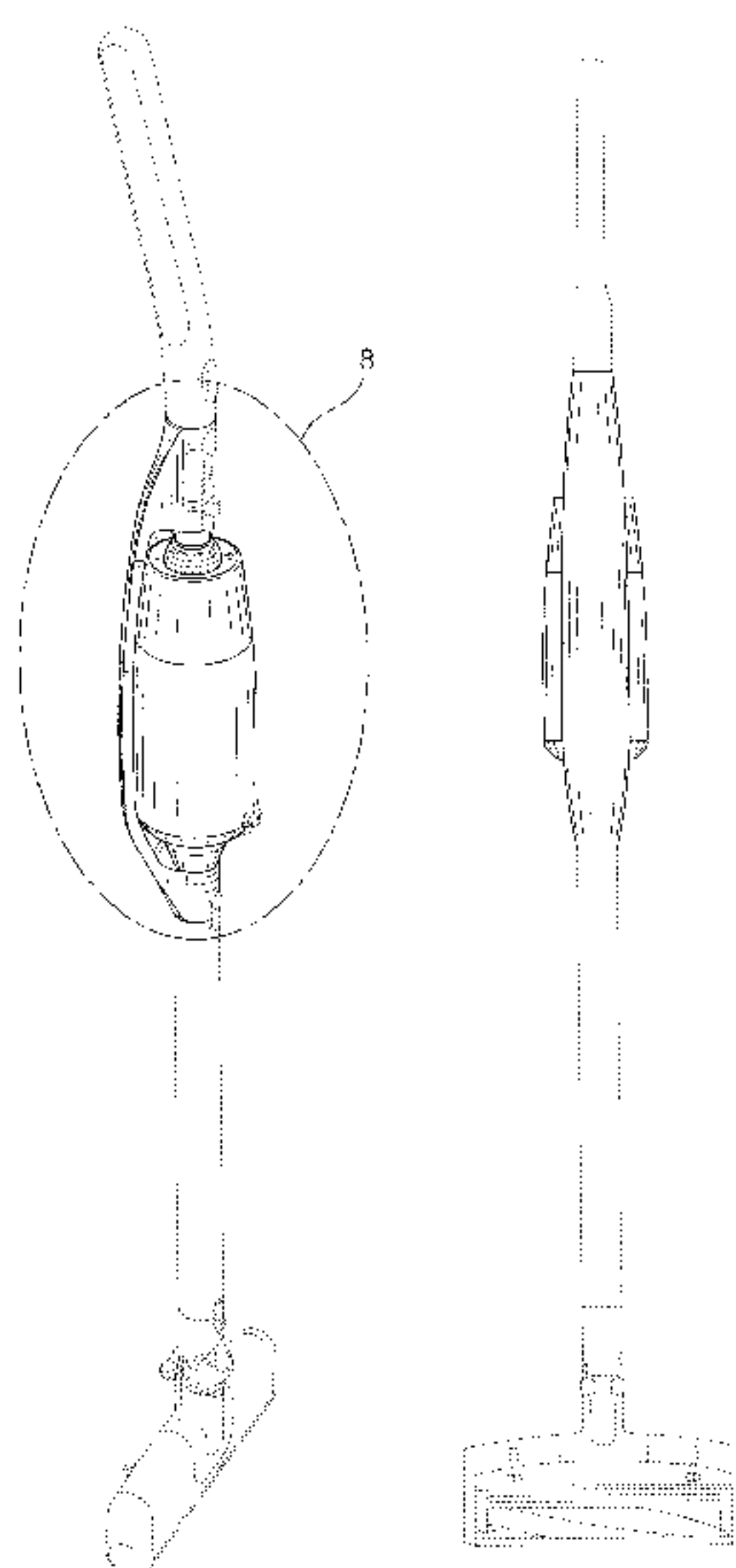
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FIG. 1 is a perspective view of a vacuum cleaner showing our new design.  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left-side view thereof;  
FIG. 5 is a right-side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is an enlarged view of the encircled portion 8 of FIG. 1;  
FIG. 9 is an enlarged view of the encircled portion 9 of FIG. 6; and,  
FIG. 10 is an enlarged view of the encircled portion 10 of FIG. 7.

The broken lines in the figures represent portions of the vacuum cleaner that form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



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FIG. 1

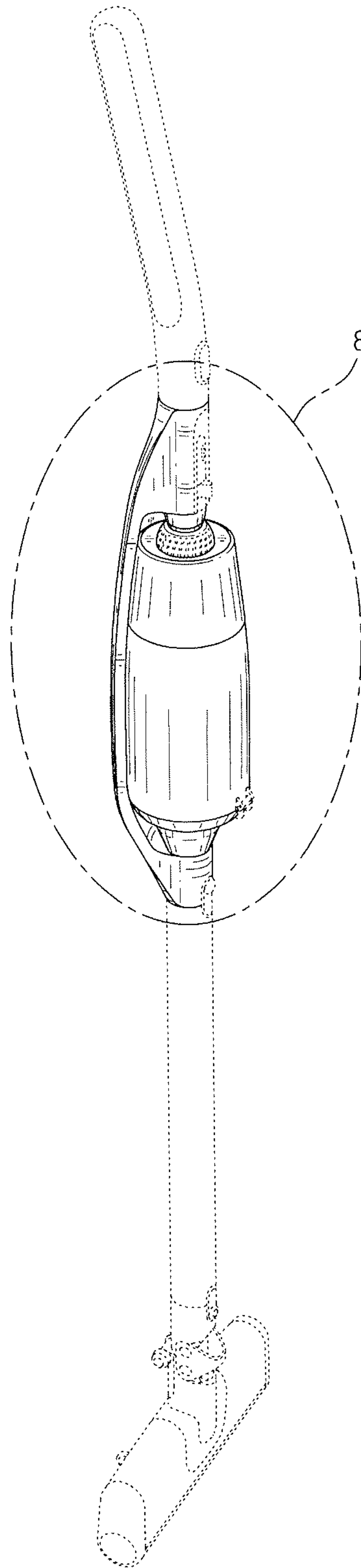


FIG. 2

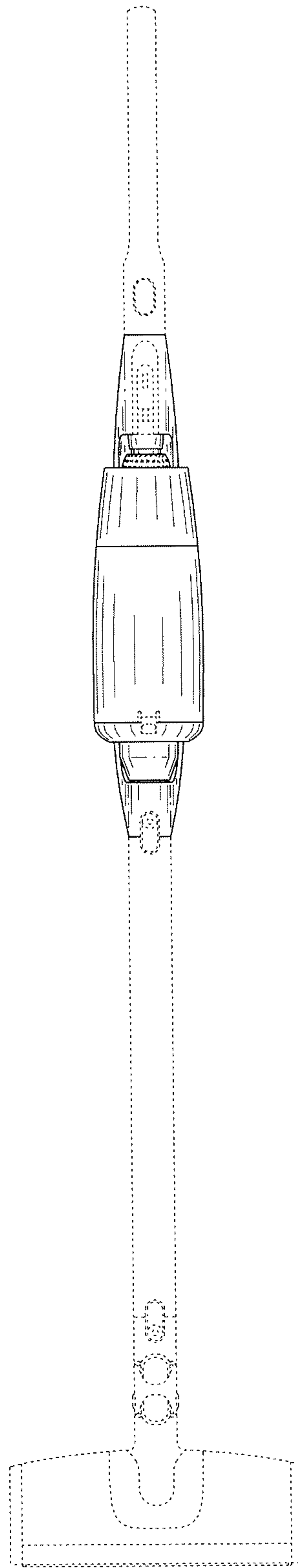


FIG. 3

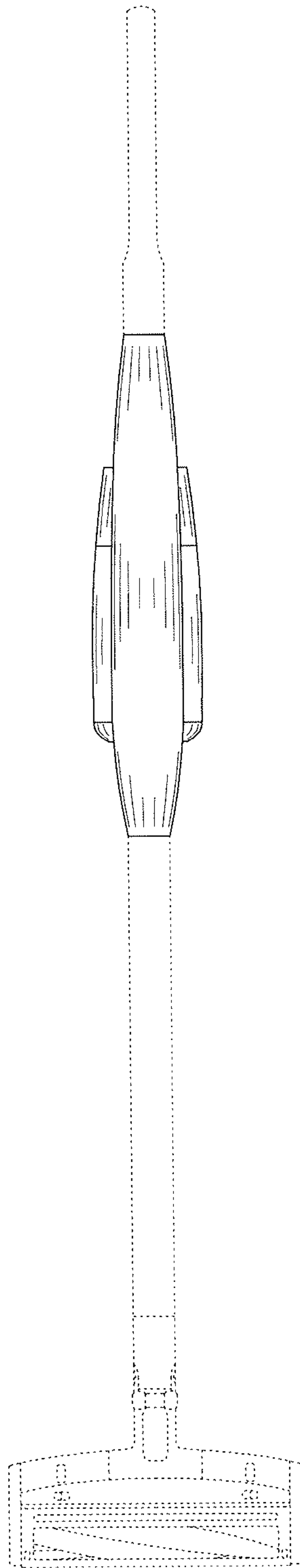


FIG. 4

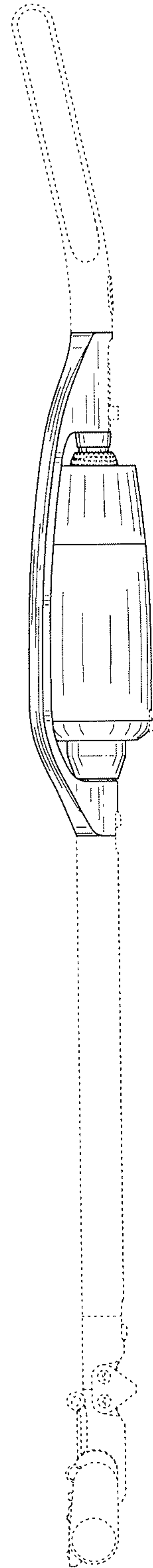


FIG. 5

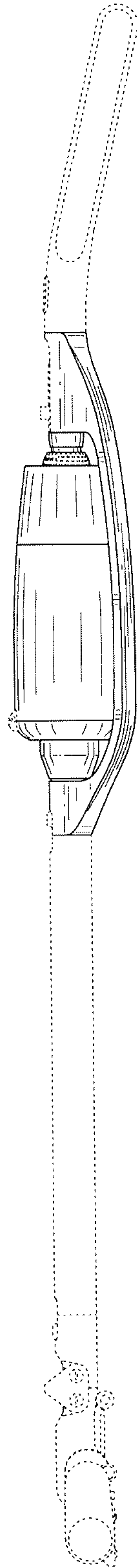


FIG. 6

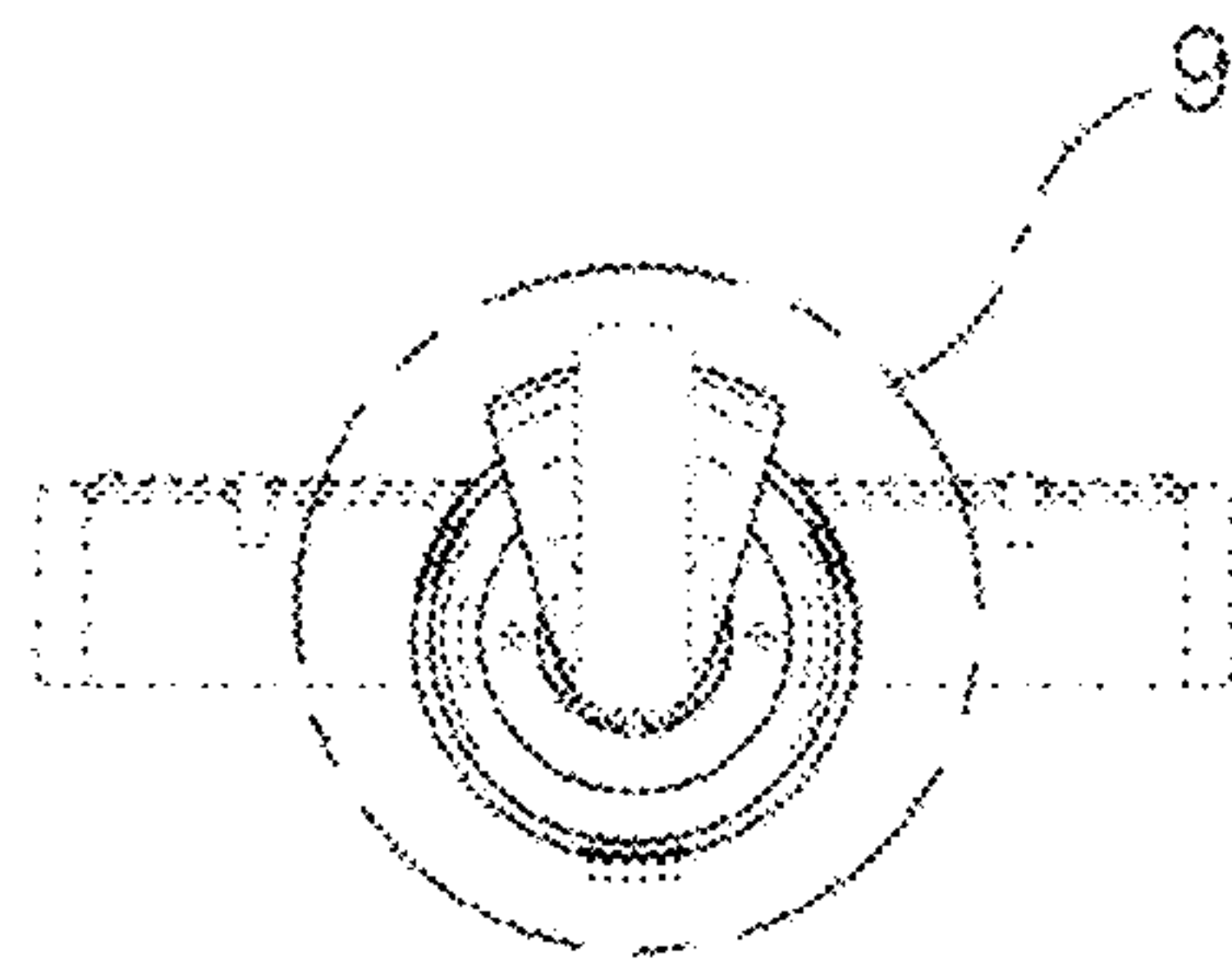




FIG. 7

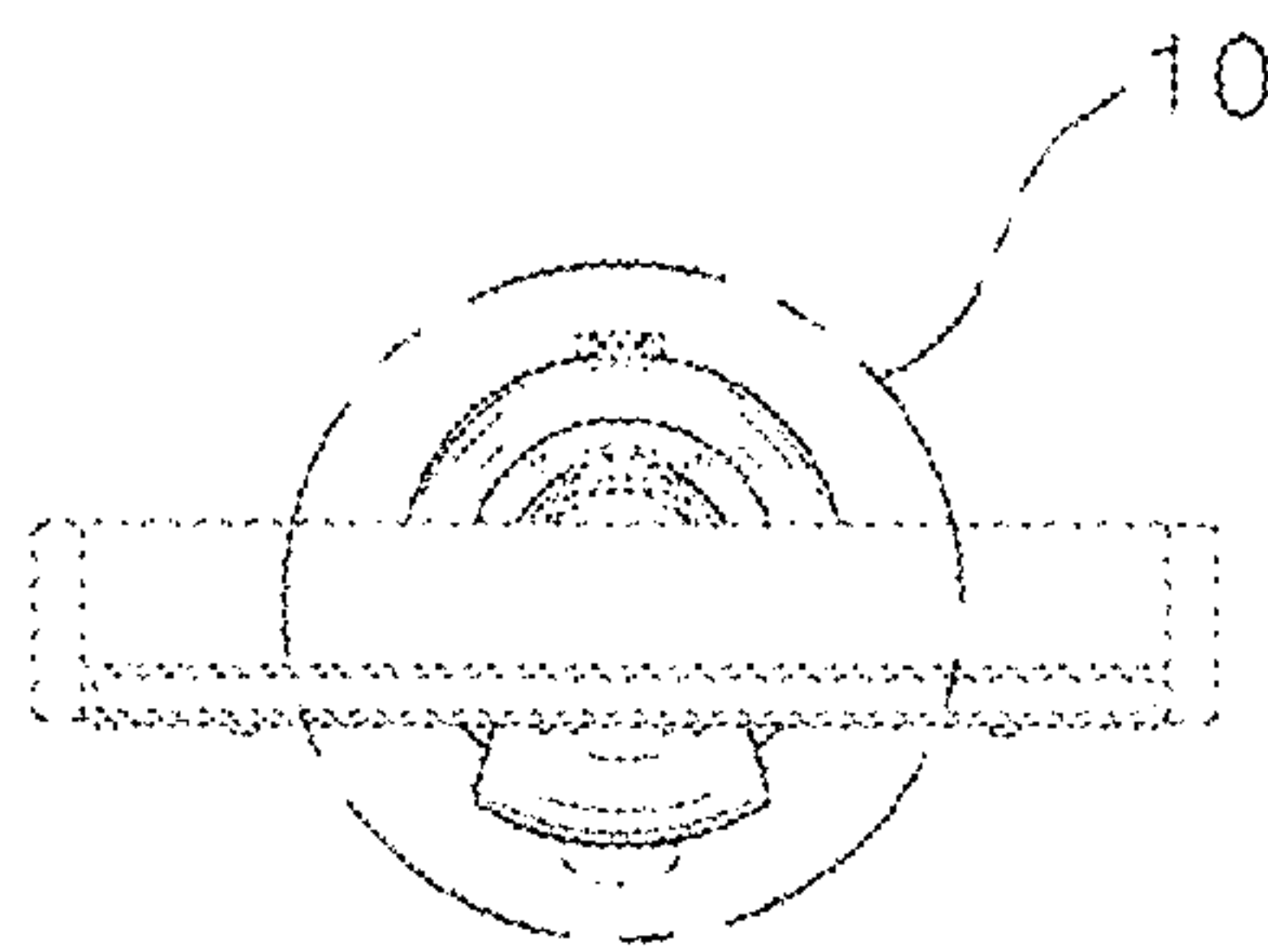


FIG. 8

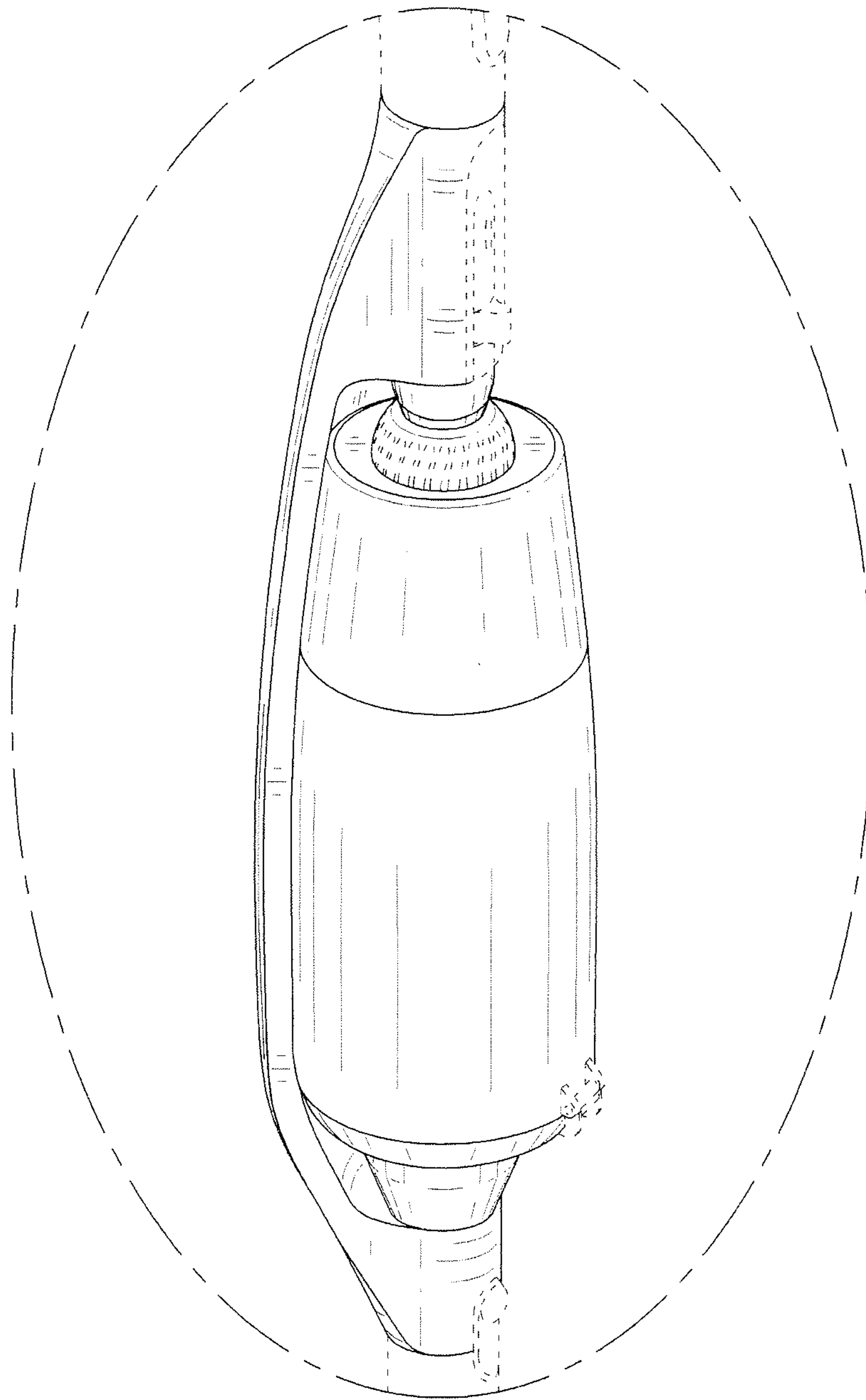


FIG. 9

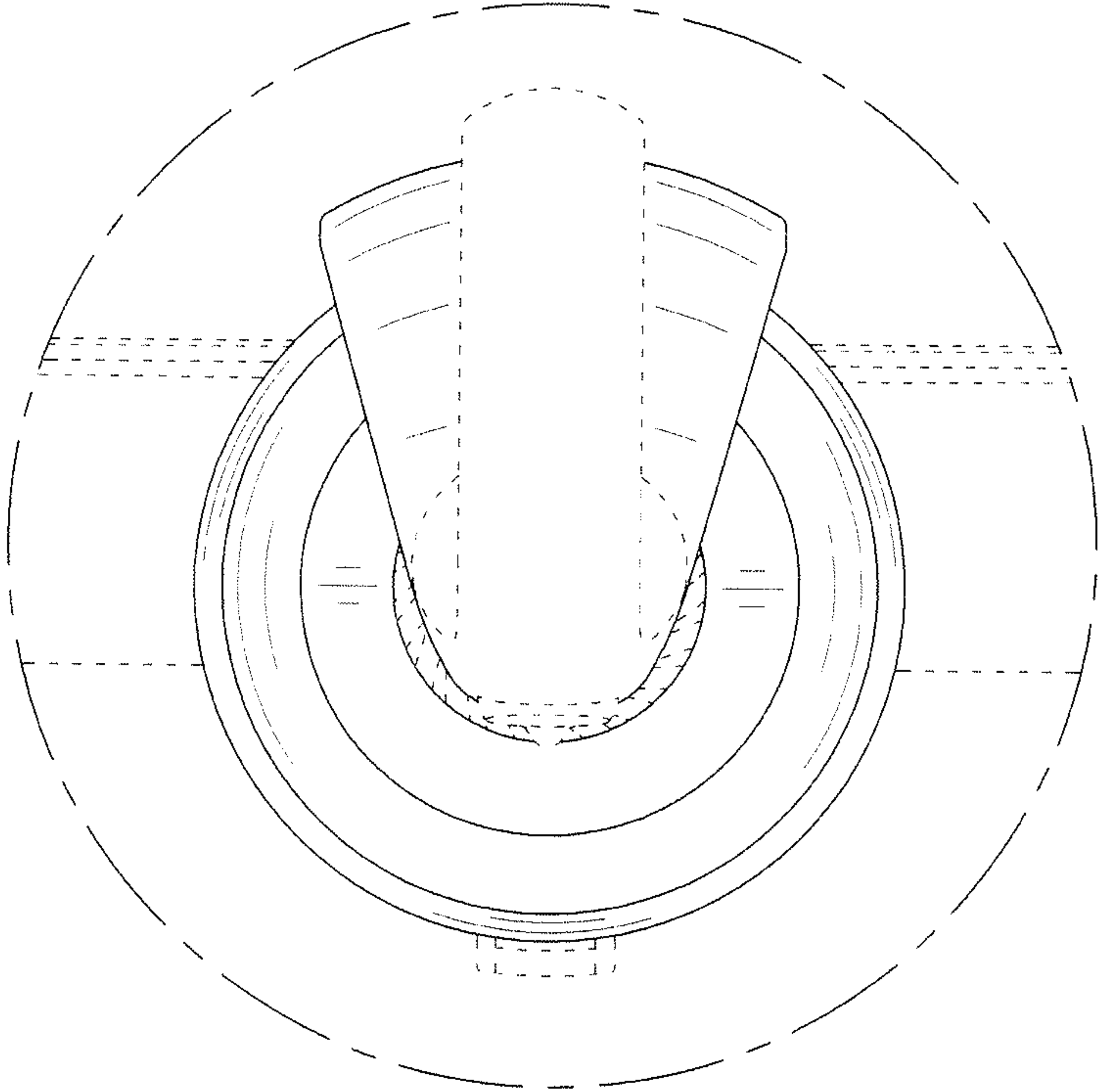


FIG. 10

