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(12) **United States Design Patent** (10) **Patent No.:** **US D971,405 S**  
**Wang** (45) **Date of Patent:** **\*\* Nov. 29, 2022**

(54) **EAR CLEANER**

FOREIGN PATENT DOCUMENTS

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CN 306864435 \* 10/2021  
CN 306864580 \* 10/2021

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(Continued)

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

*Primary Examiner* — Lauren D McVey  
*Assistant Examiner* — Justin A Johnson

(21) Appl. No.: **29/800,593**

(57) **CLAIM**

The ornamental design for an ear cleaner, as shown and described.

(22) Filed: **Jul. 22, 2021**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

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May 8, 2021 (CN) ..... 202130273512.6

(51) **LOC (13) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/151**

(58) **Field of Classification Search**  
USPC ..... D24/107, 119, 133, 151, 173  
CPC ..... A46B 5/00; A46B 5/0004; A46B 5/0016;  
A46B 7/10; A46B 13/001; A46B 13/02;  
A46B 13/023; A46B 13/08; A46B  
2200/1006; A46B 2200/30; A61B  
2018/00327; A61Q 90/00; A61F 11/006  
See application file for complete search history.

FIG. 1 is a perspective view of a first embodiment of an ear cleaner showing my new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof;  
FIG. 9 is a perspective view of the ear cleaner in a use state;  
FIG. 10 is a perspective view of a second embodiment of the ear cleaner showing my new design;  
FIG. 11 is another perspective view thereof;  
FIG. 12 is a front elevational view thereof;  
FIG. 13 is a rear elevational view thereof;  
FIG. 14 is a left side elevational view thereof;  
FIG. 15 is a right side elevational view thereof;  
FIG. 16 is a top plan view thereof; and,  
FIG. 17 is a bottom plan view thereof.  
The broken lines in the drawings depict portions of the ear cleaner that form no part of the claimed design.

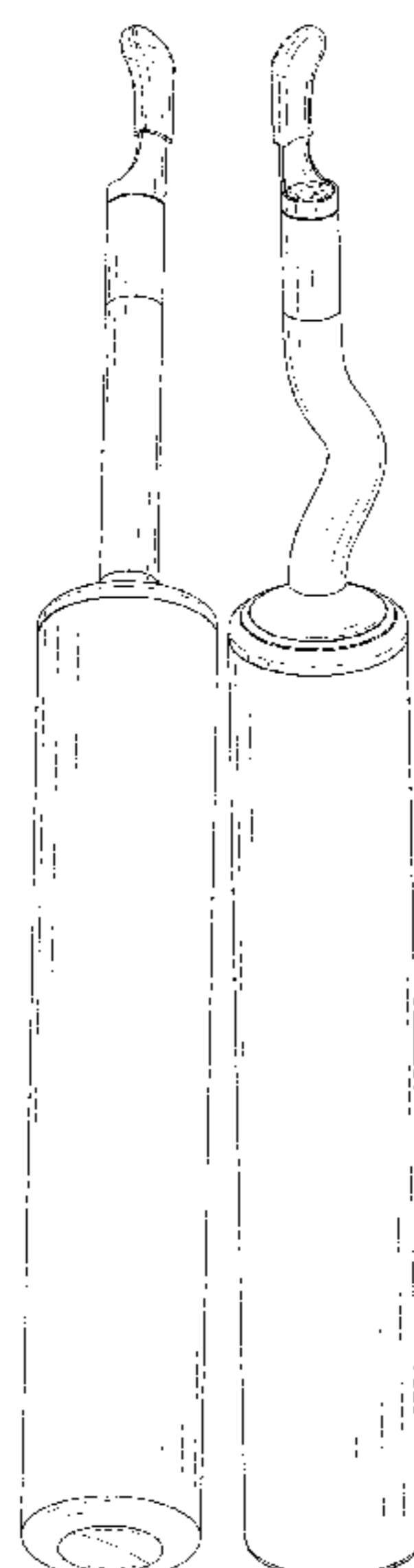
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**1 Claim, 17 Drawing Sheets**



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\* cited by examiner

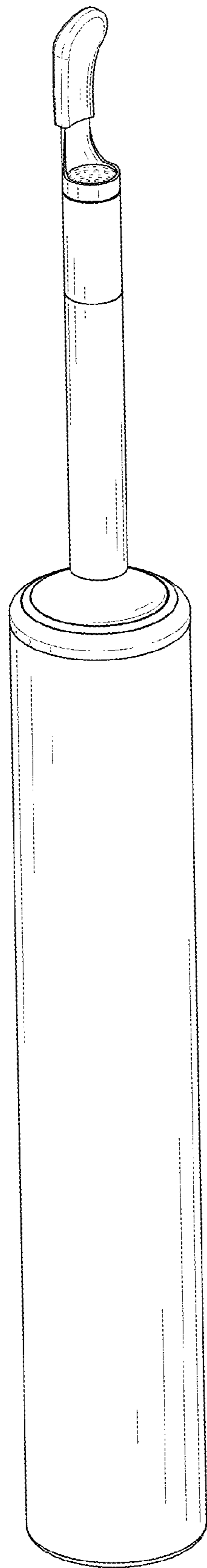


FIG. 1

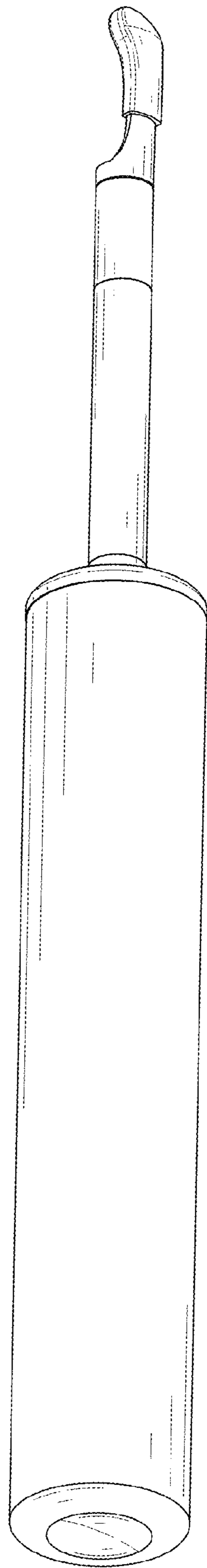


FIG. 2

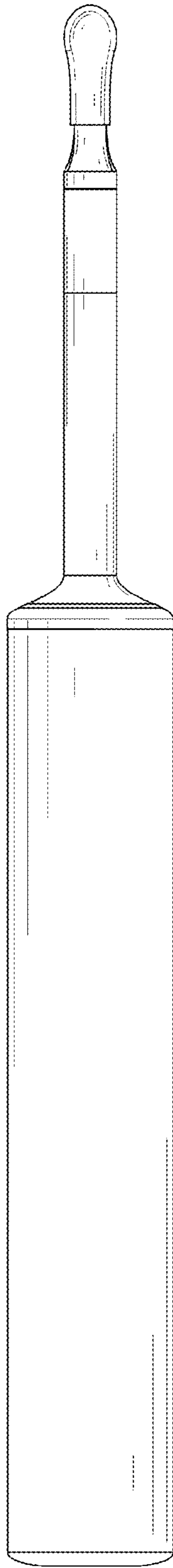


FIG. 3

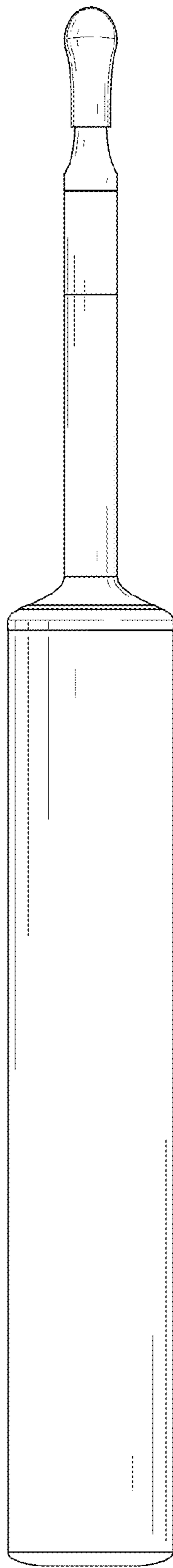


FIG. 4

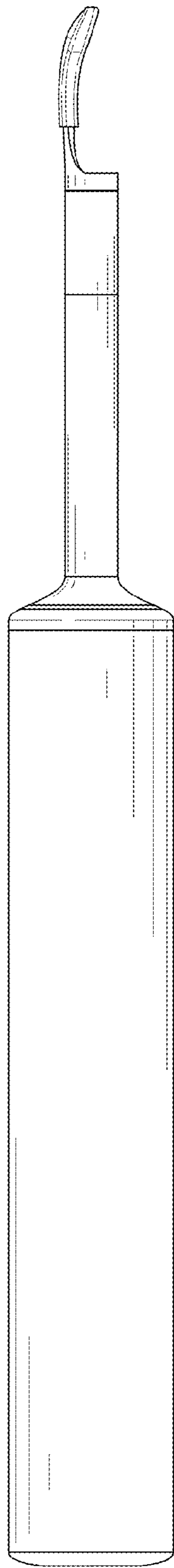


FIG. 5

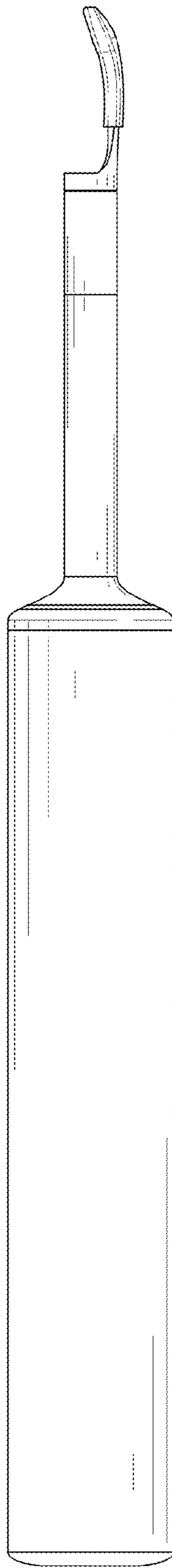


FIG. 6



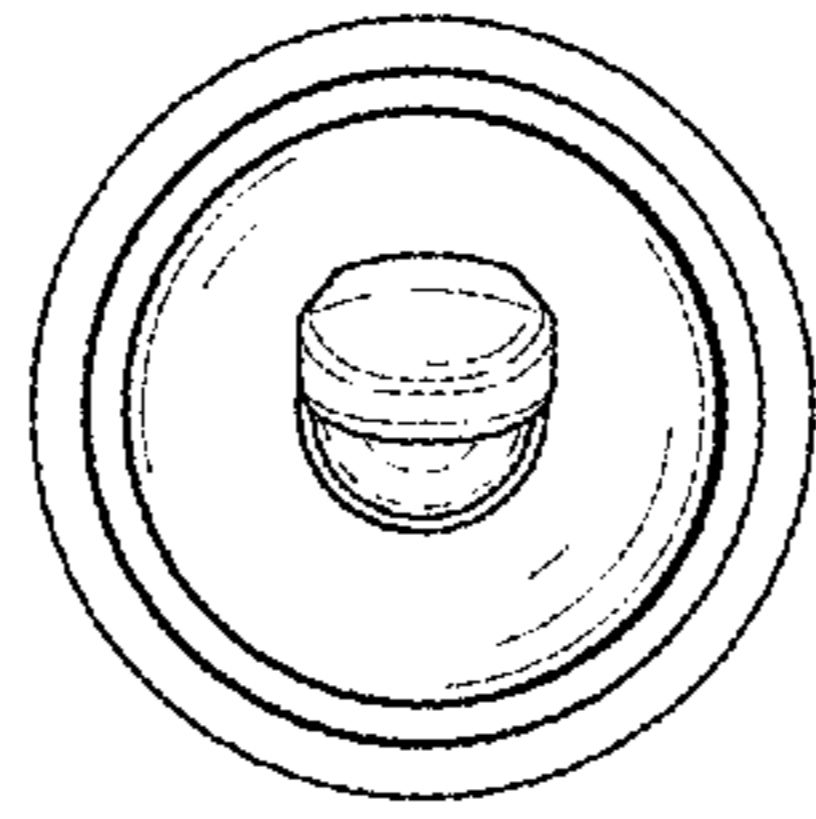


FIG. 7

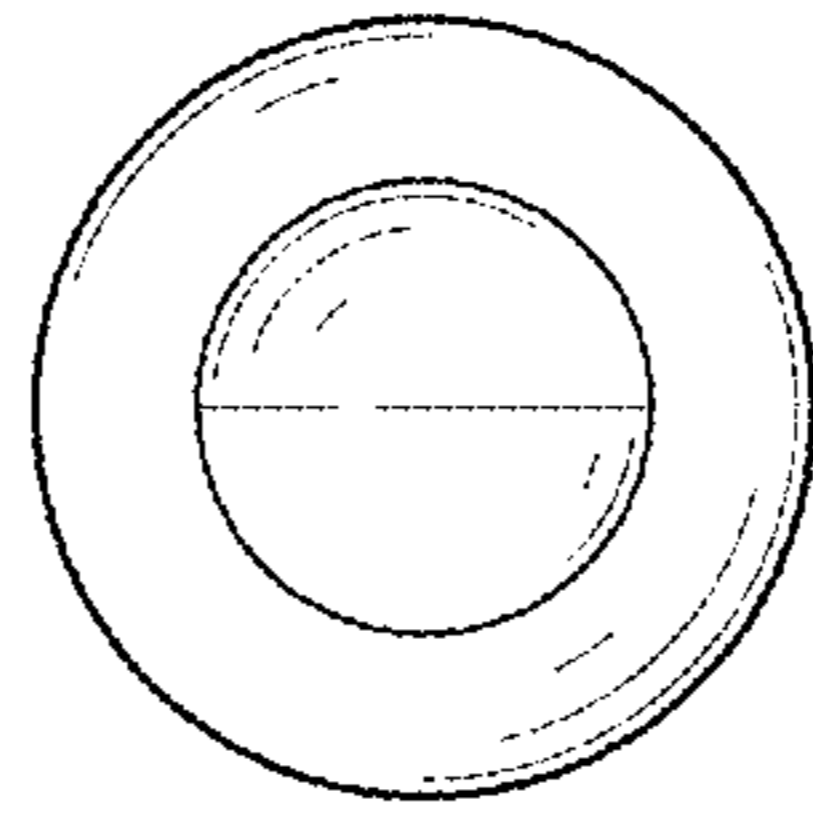


FIG. 8

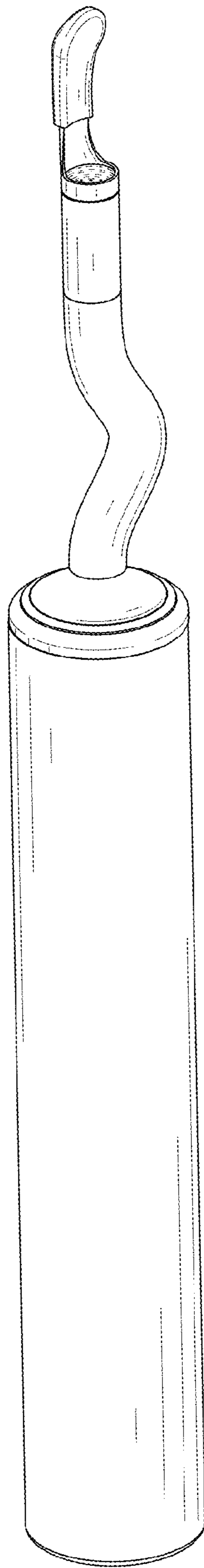


FIG. 9

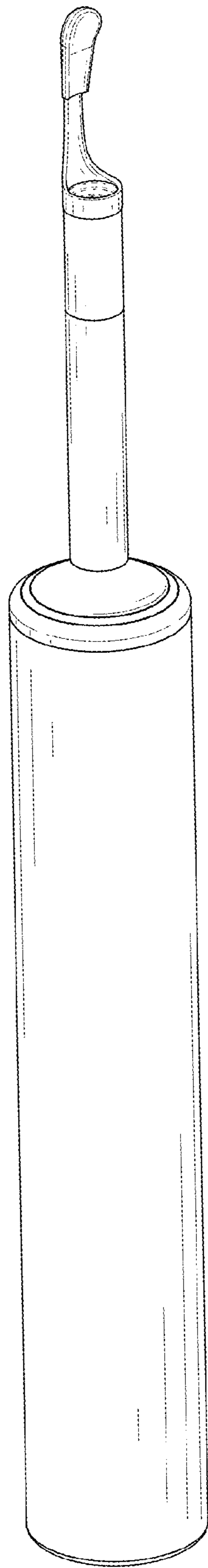


FIG. 10

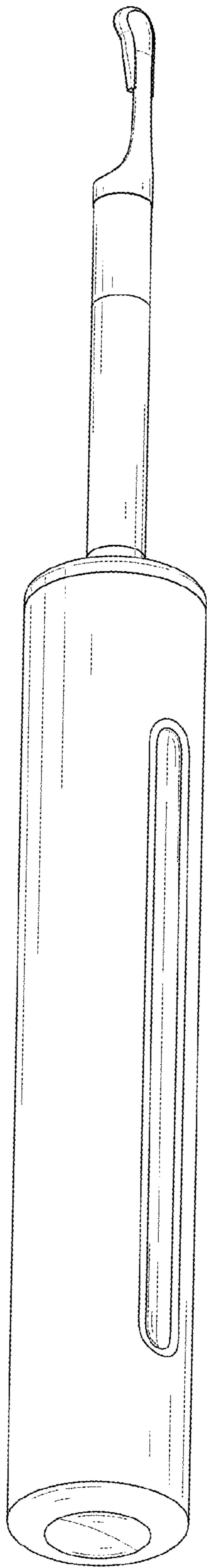


FIG. 11

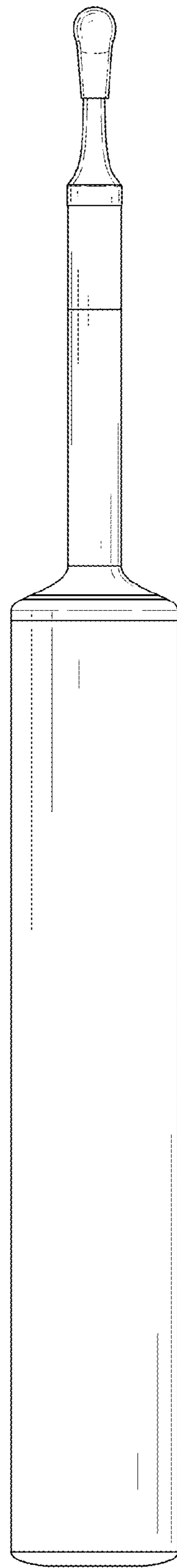


FIG. 12

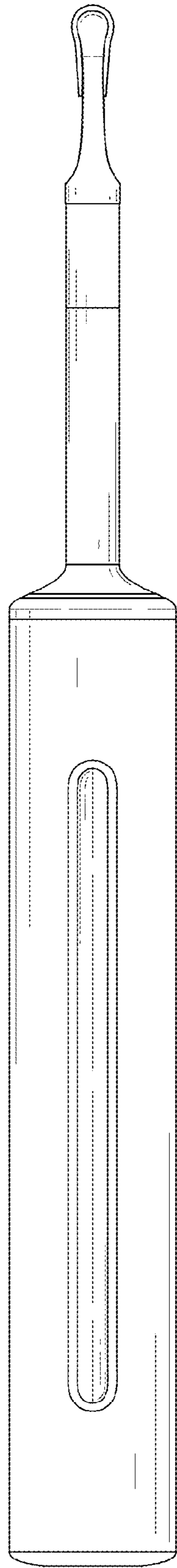


FIG. 13

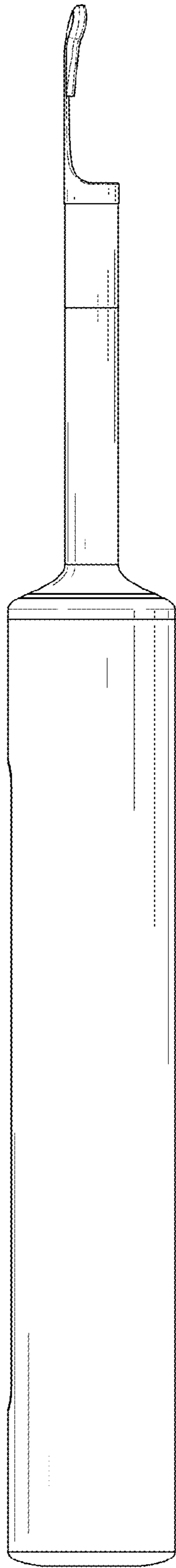


FIG. 14



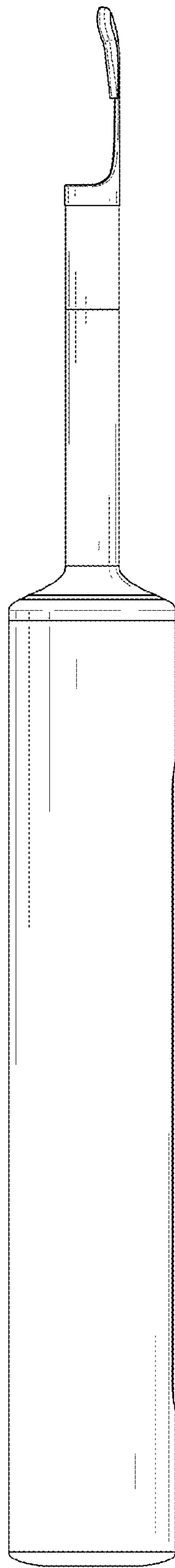


FIG. 15

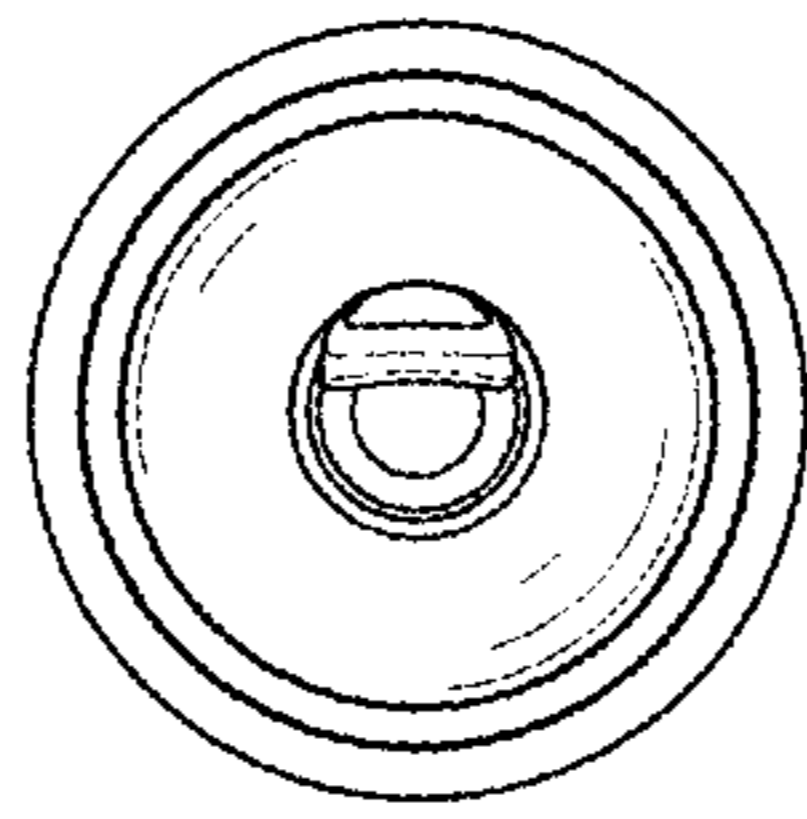


FIG. 16

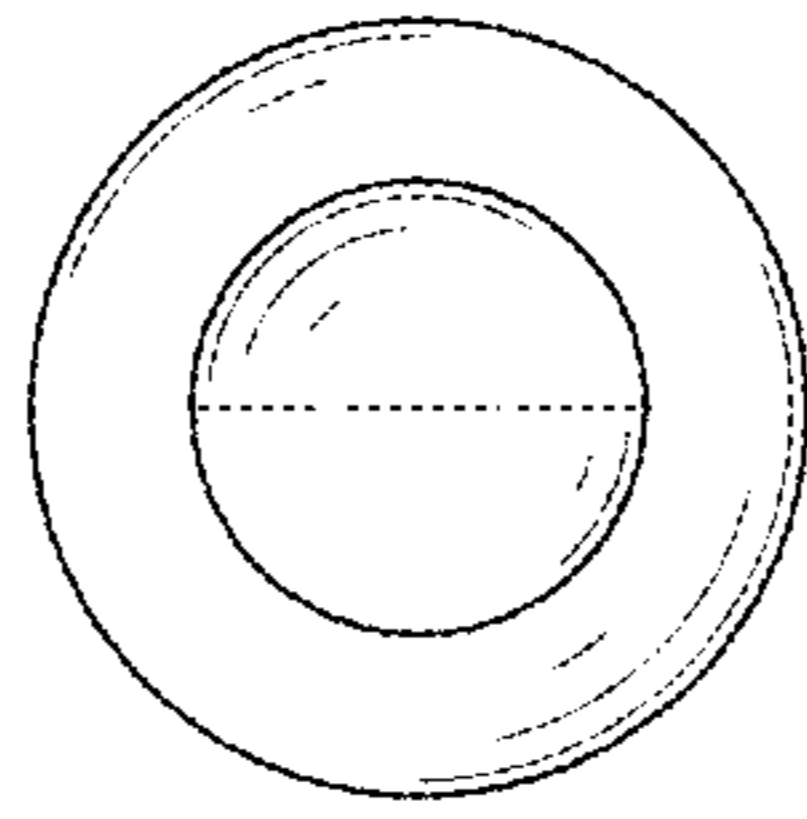


FIG. 17