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(12) **United States Design Patent** (10) **Patent No.:** **US D803,571 S**  
**Sosa et al.** (45) **Date of Patent:** **\*\* Nov. 28, 2017**

(54) **TOOTH CLEANING APPARATUS** D388,958 S \* 1/1998 Hartwein ..... D4/101  
D458,028 S \* 6/2002 McCurrach ..... D4/101  
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Eindhoven (NL) D533,720 S \* 12/2006 Vu ..... D4/101  
D577,198 S \* 9/2008 Jimenez ..... D4/101  
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WA (US) D758,736 S \* 6/2016 Shigeno ..... D4/101  
D759,381 S \* 6/2016 Watkins ..... D4/101  
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Eindhoven (NL) D771,389 S \* 11/2016 Since ..... D24/200  
D771,951 S \* 11/2016 Reishus ..... D4/100

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

\* cited by examiner

(21) Appl. No.: **29/538,712**

*Primary Examiner* — John Windmuller

(22) Filed: **Sep. 8, 2015**

*Assistant Examiner* — Steven Czyz

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** ..... **04-02**

(52) **U.S. Cl.**  
USPC ..... **D4/100**

(58) **Field of Classification Search**  
USPC ..... D4/100, 101, 104, 108, 113, 114, 115,  
D4/116, 138, 199

CPC ..... A46B 5/0095; A46B 5/02; A46B 13/02;  
A46B 13/001; A46B 13/06; A46B  
2200/1026; A46B 2200/1066

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D353,490 S \* 12/1994 Hartwein ..... D13/108  
D354,168 S \* 1/1995 Hartwein ..... D13/108

(57) **CLAIM**

The ornamental design for a tooth cleaning apparatus, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a tooth cleaning apparatus showing our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a right side elevation view thereof;

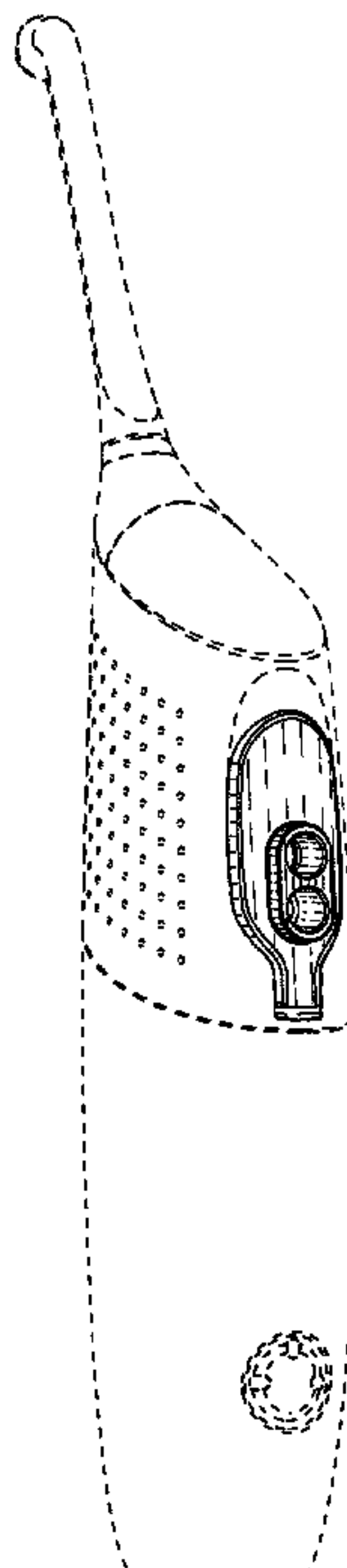
FIG. 5 is a left side elevation view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines shown in the figures depict portions of the article that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



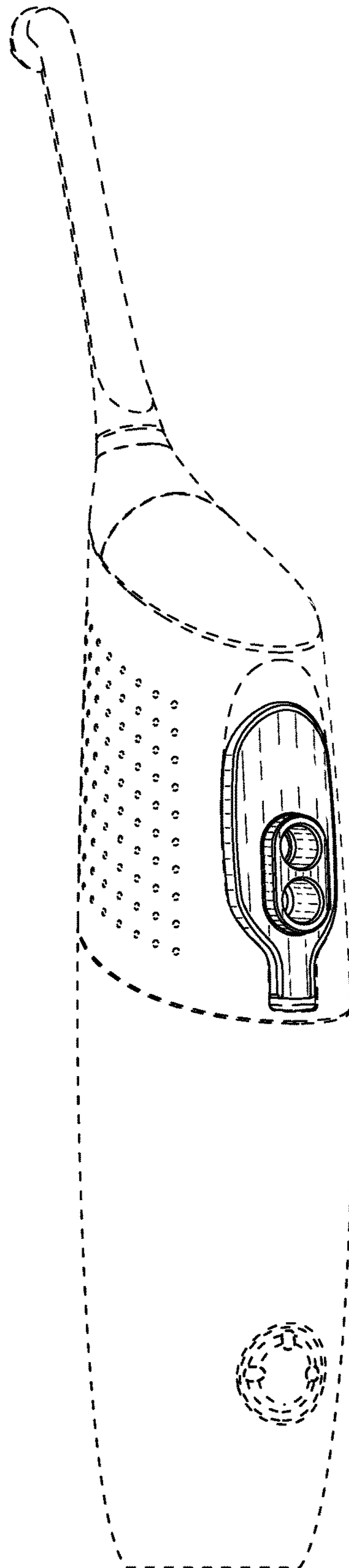


FIG. 1

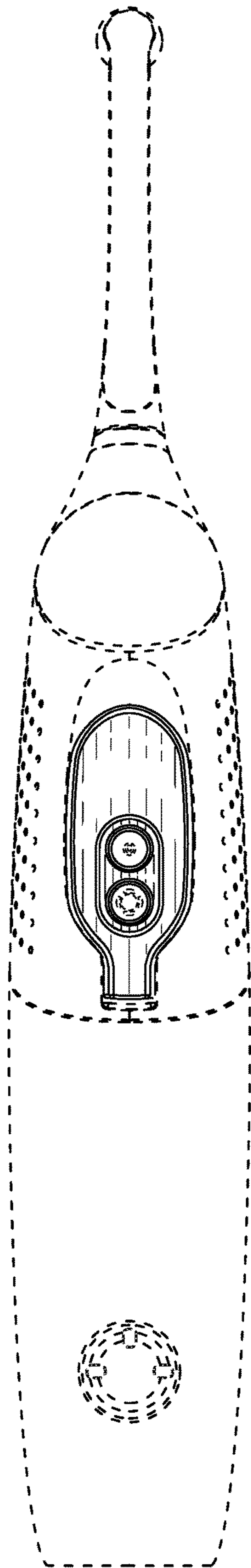


FIG. 2

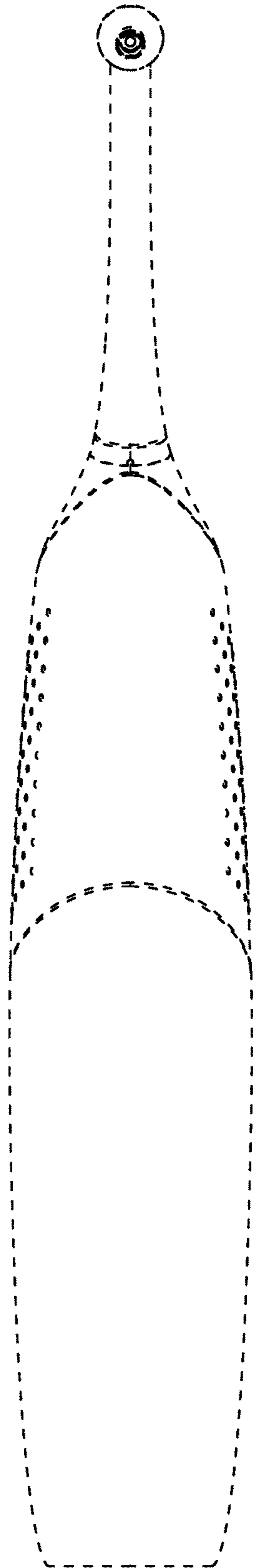


FIG. 3

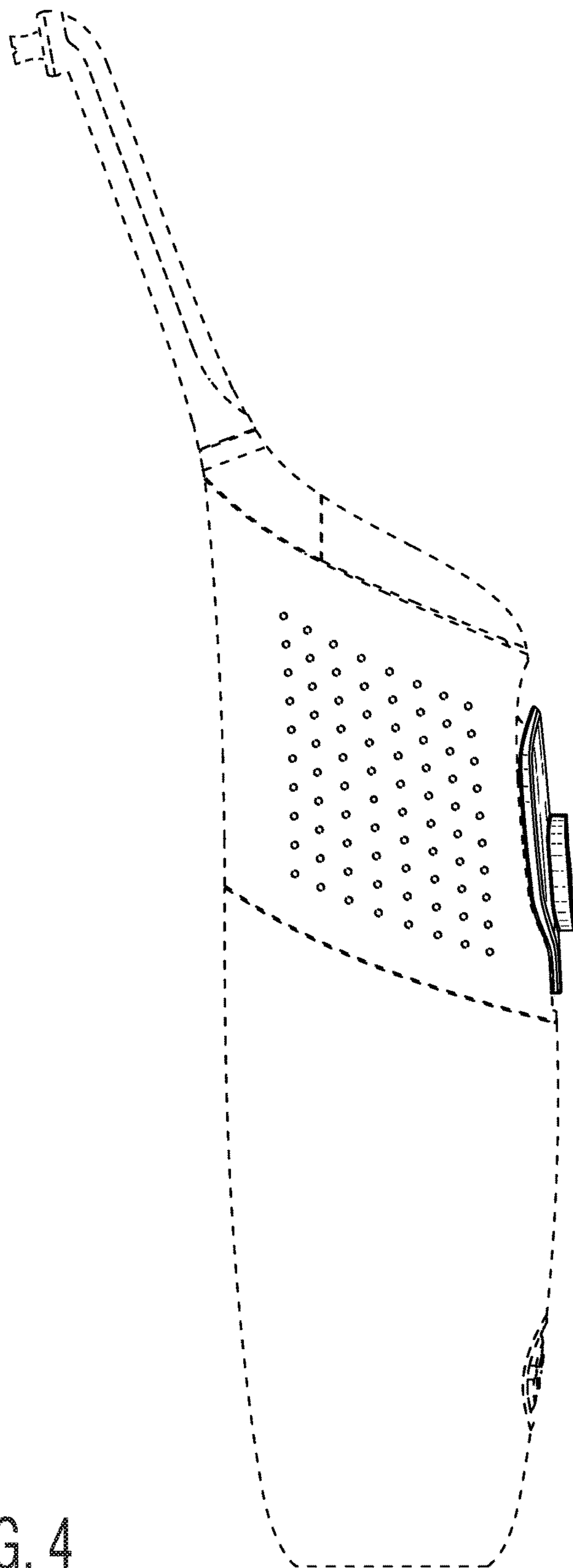


FIG. 4

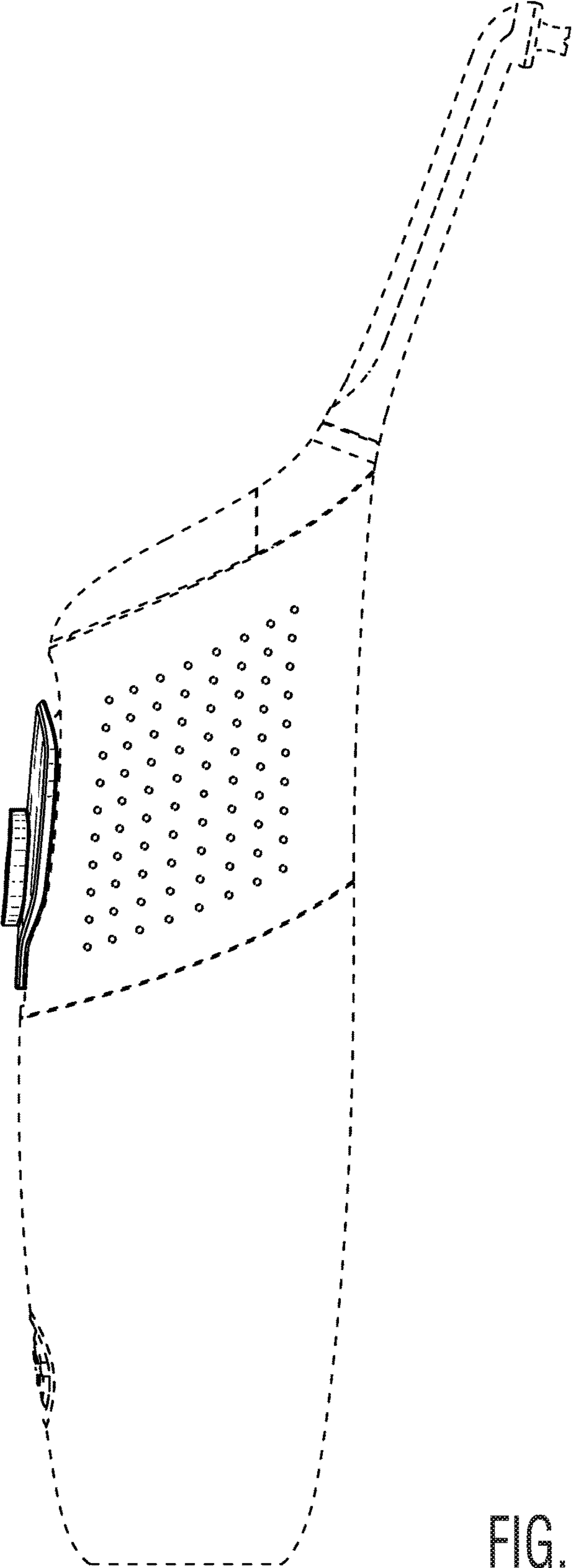


FIG. 5

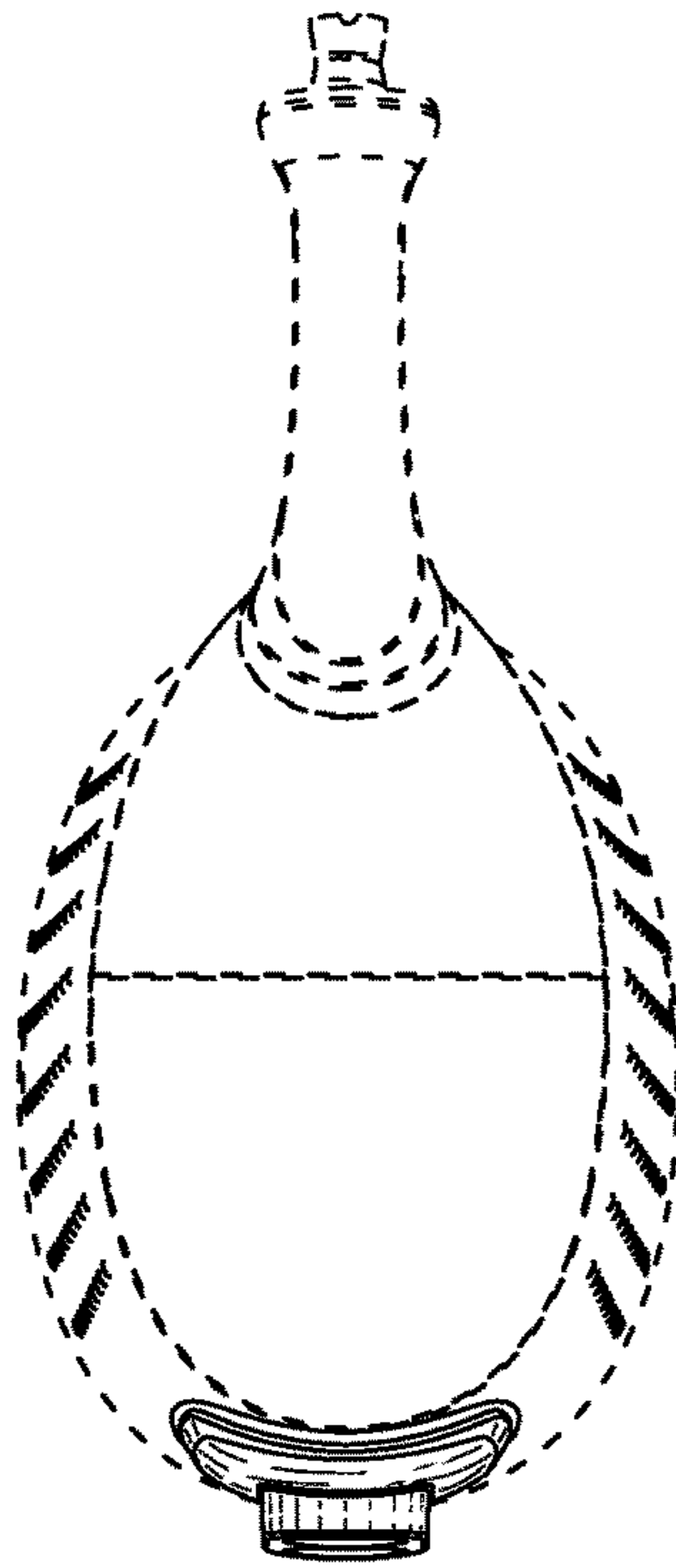


FIG. 6

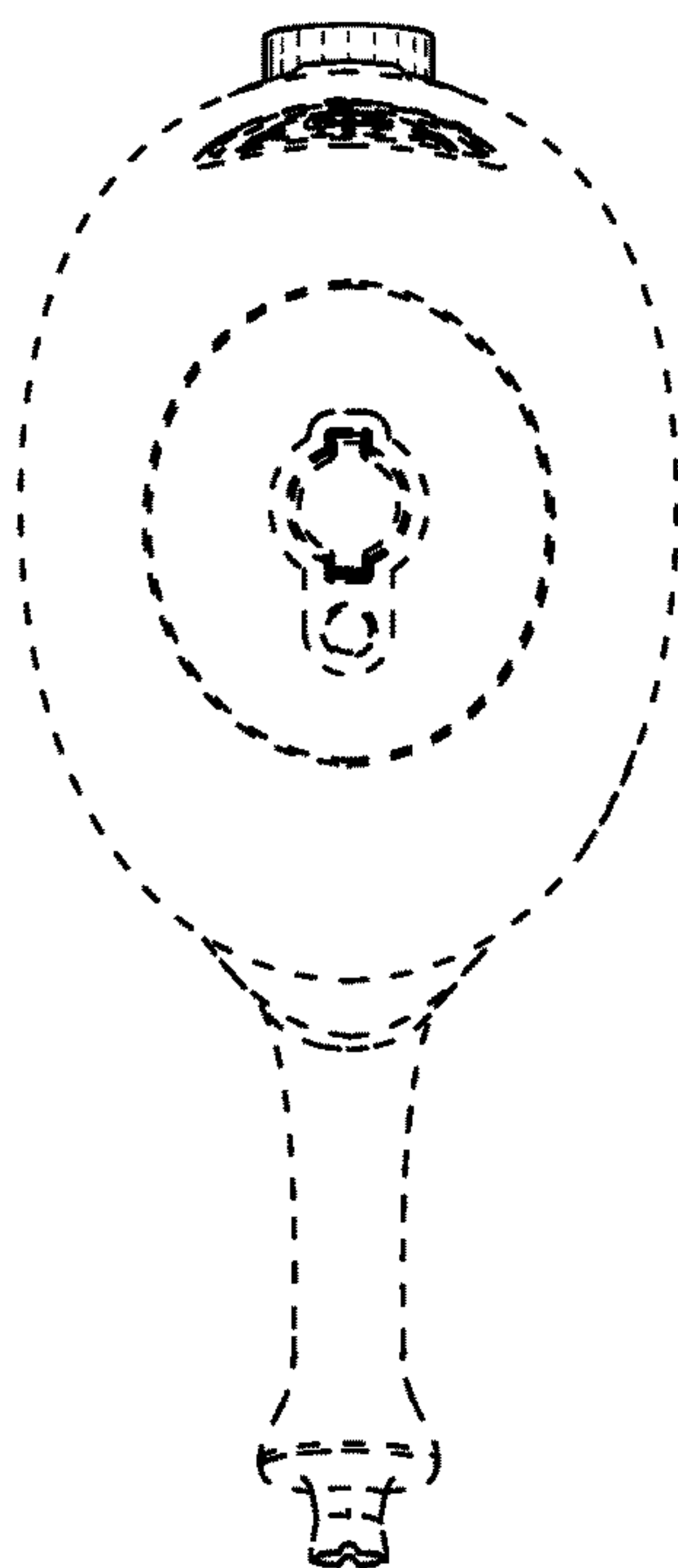


FIG. 7