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

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(54) **COMBINED EAR PHONE AND MOBILE APPARATUS**

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(73) Assignee: **Samsung Electronics Co., Ltd.** (KR)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/216,960**

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** ..... **14-01**

(52) **U.S. Cl.** ..... **D14/223; D14/205**

(58) **Field of Classification Search** ..... D14/188, D14/192, 137, 142, 155, 240, 205, 206, 223, D14/218; 101/128-130; 379/420.04, 419, 379/430, 431; 381/381, 375; D13/133; D2/600, D2/607; D11/1-2

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,933,145 A \* 4/1960 Di Mattia ..... 181/135  
3,588,384 A \* 6/1971 Negley ..... 381/375  
4,646,872 A \* 3/1987 Kamon et al. .... 181/129

4,720,857 A \* 1/1988 Burris et al. .... 379/430  
D334,043 S \* 3/1993 Taniguchi et al. .... D14/218  
6,122,369 A \* 9/2000 Hwang et al. .... 379/420.04  
D457,514 S \* 5/2002 Marion et al. .... D14/223  
D464,945 S \* 10/2002 Bosch ..... D14/206  
D467,240 S \* 12/2002 Ruohonen ..... D14/223

\* cited by examiner

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(57) **CLAIM**

We claim, the ornamental design for a combined ear phone and mobile apparatus, as shown and described.

**DESCRIPTION**

FIG. 1 is a top and front perspective view of the ear phone of the combined ear phone and mobile apparatus showing our new design, the ear phone is shown separately for purposes of illustration;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof, the right side is a mirror image of the left side;

FIG. 5 is a top elevational view thereof;

FIG. 6 is a bottom elevational view thereof; and,

FIG. 7 is a front perspective view of the combined ear phone and mobile apparatus the cords drawn broken away for indeterminate length, the opposite side is a mirror image.

**1 Claim, 3 Drawing Sheets**

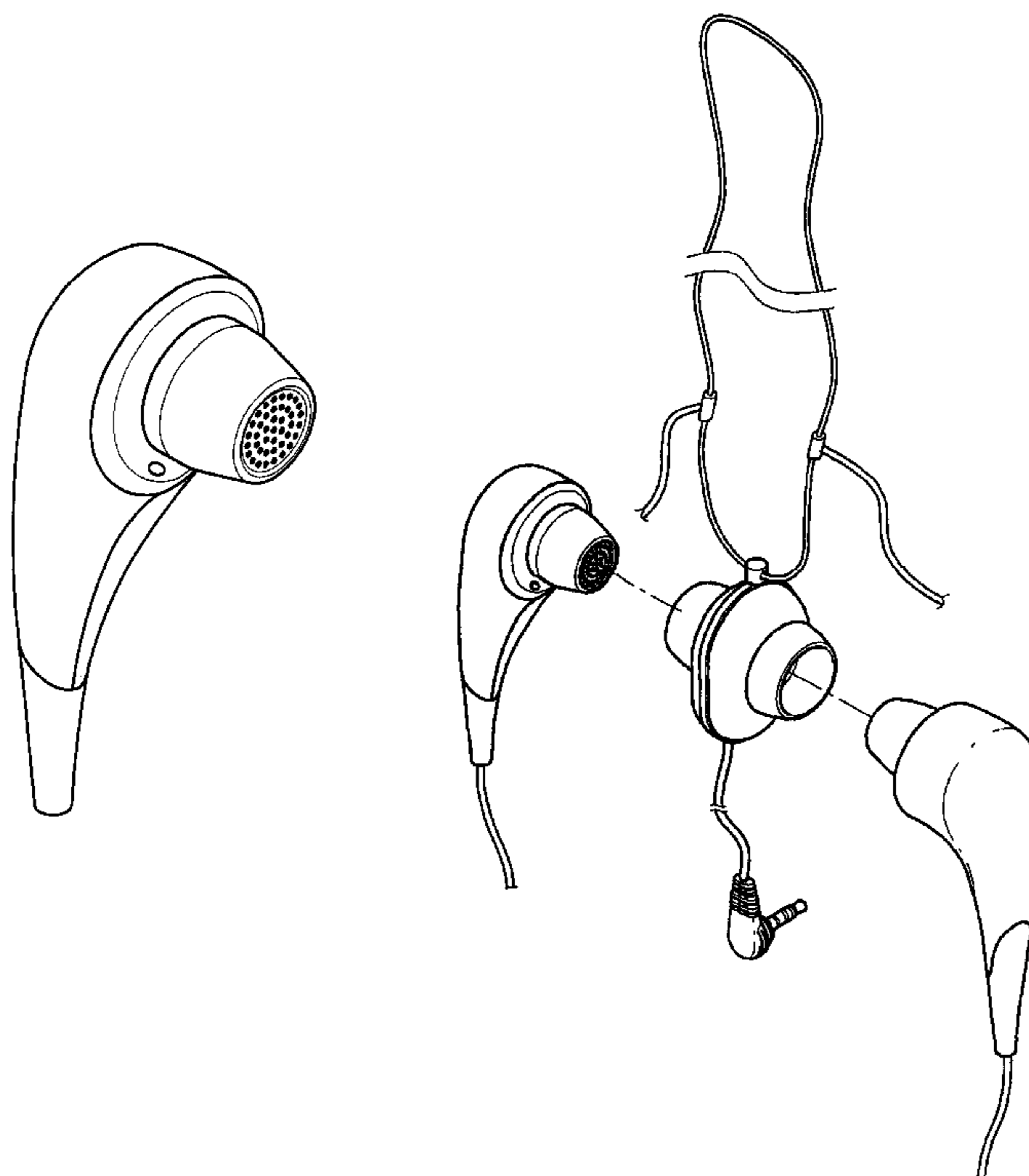


FIG. 1

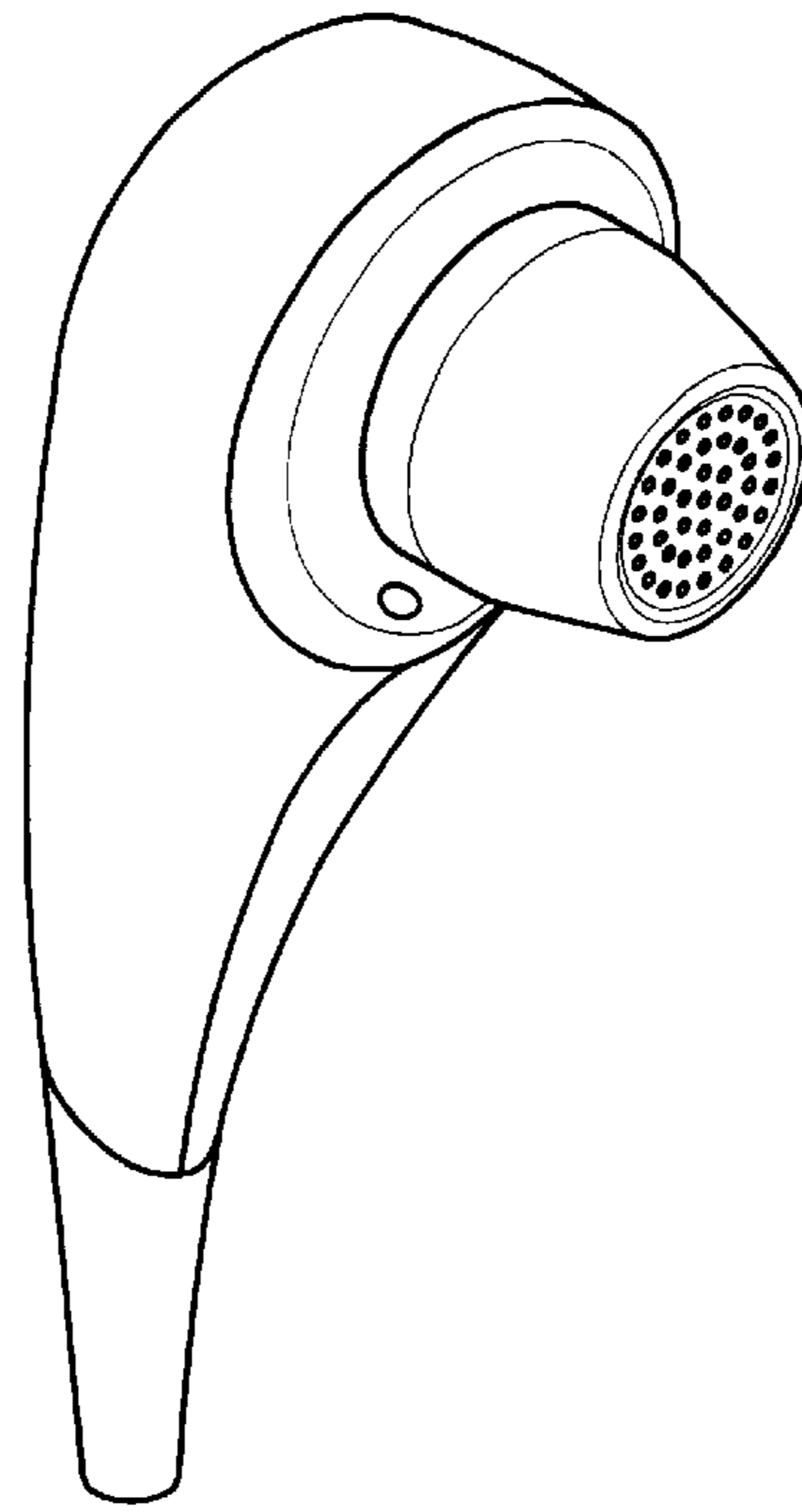


FIG. 2

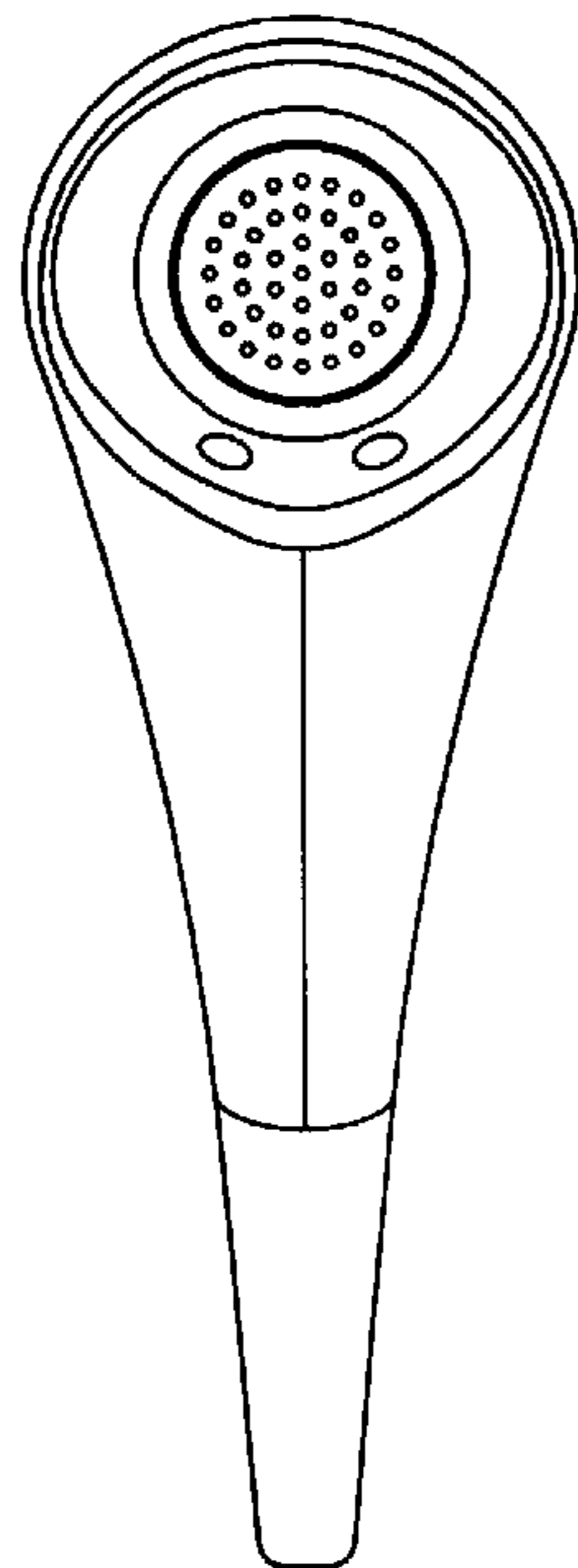


FIG. 3

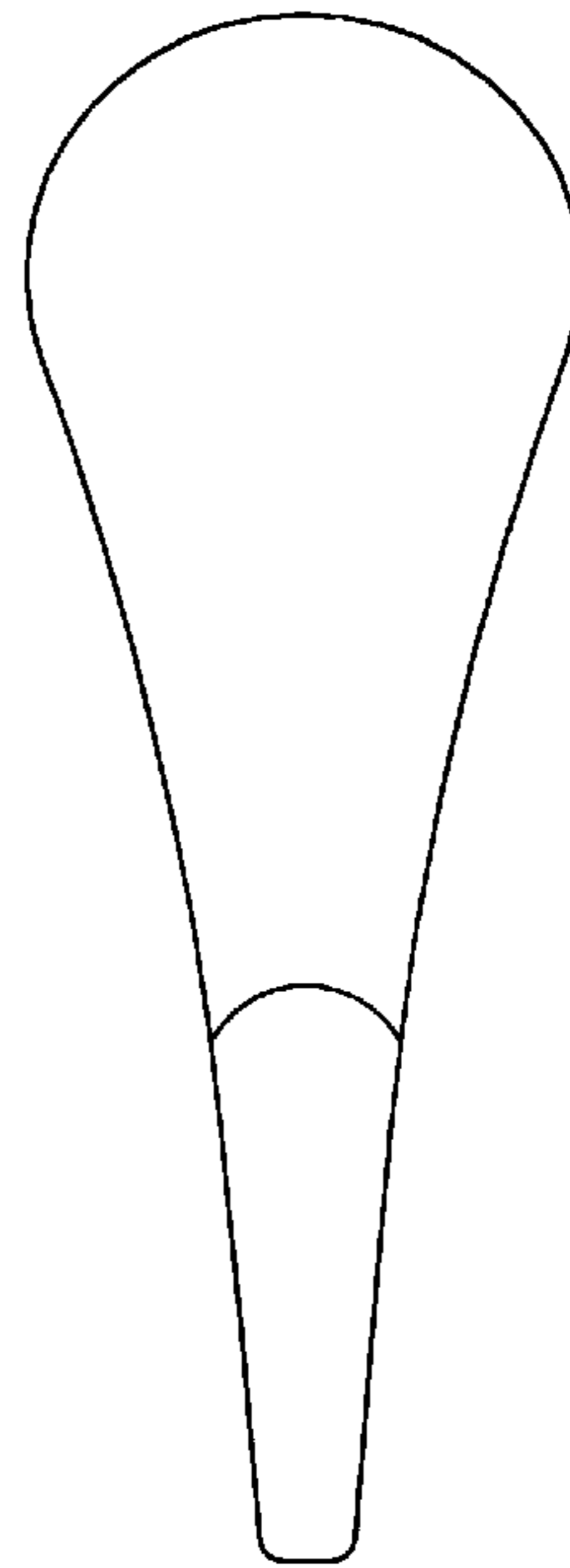


FIG. 4

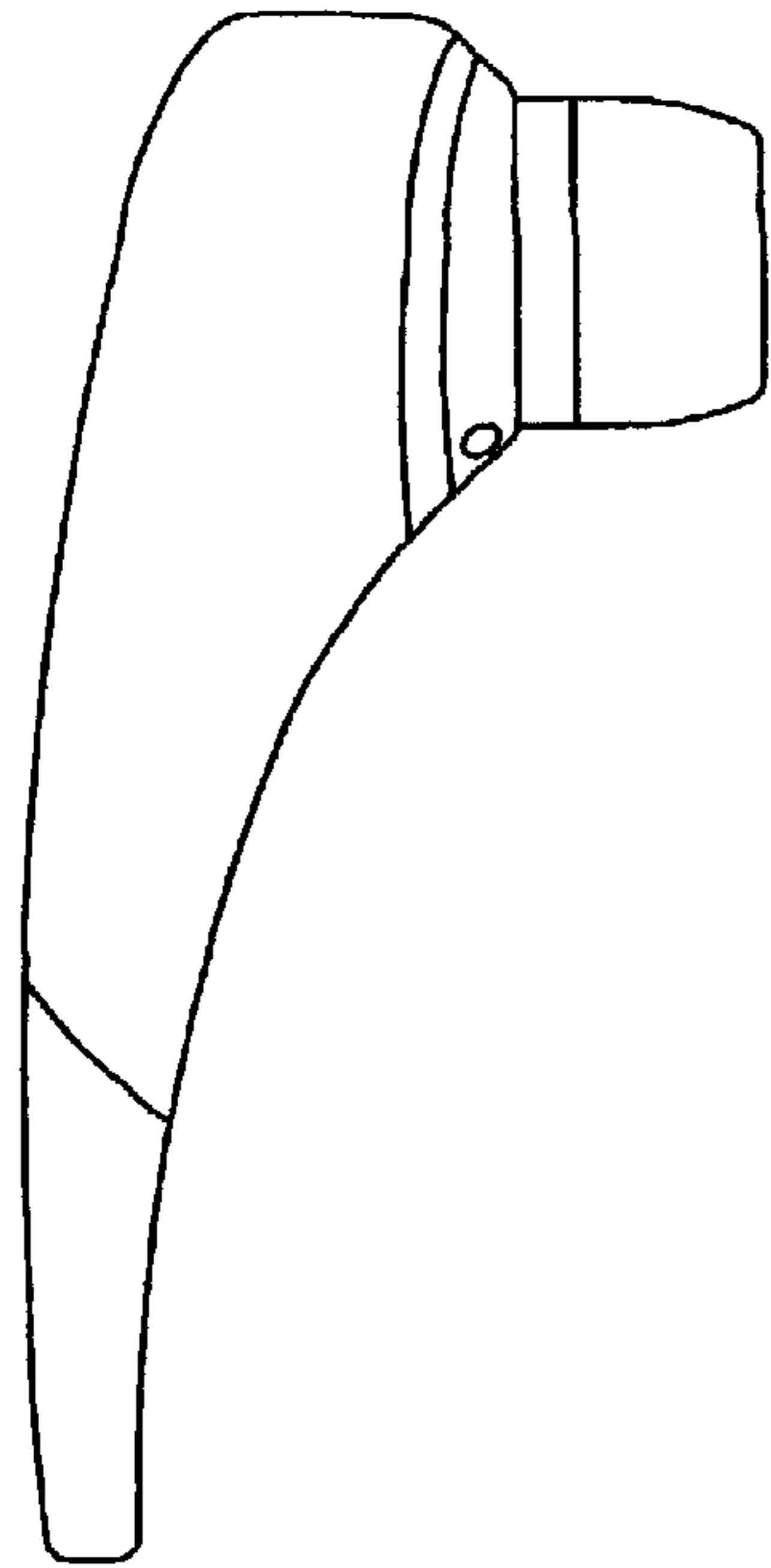


FIG. 5

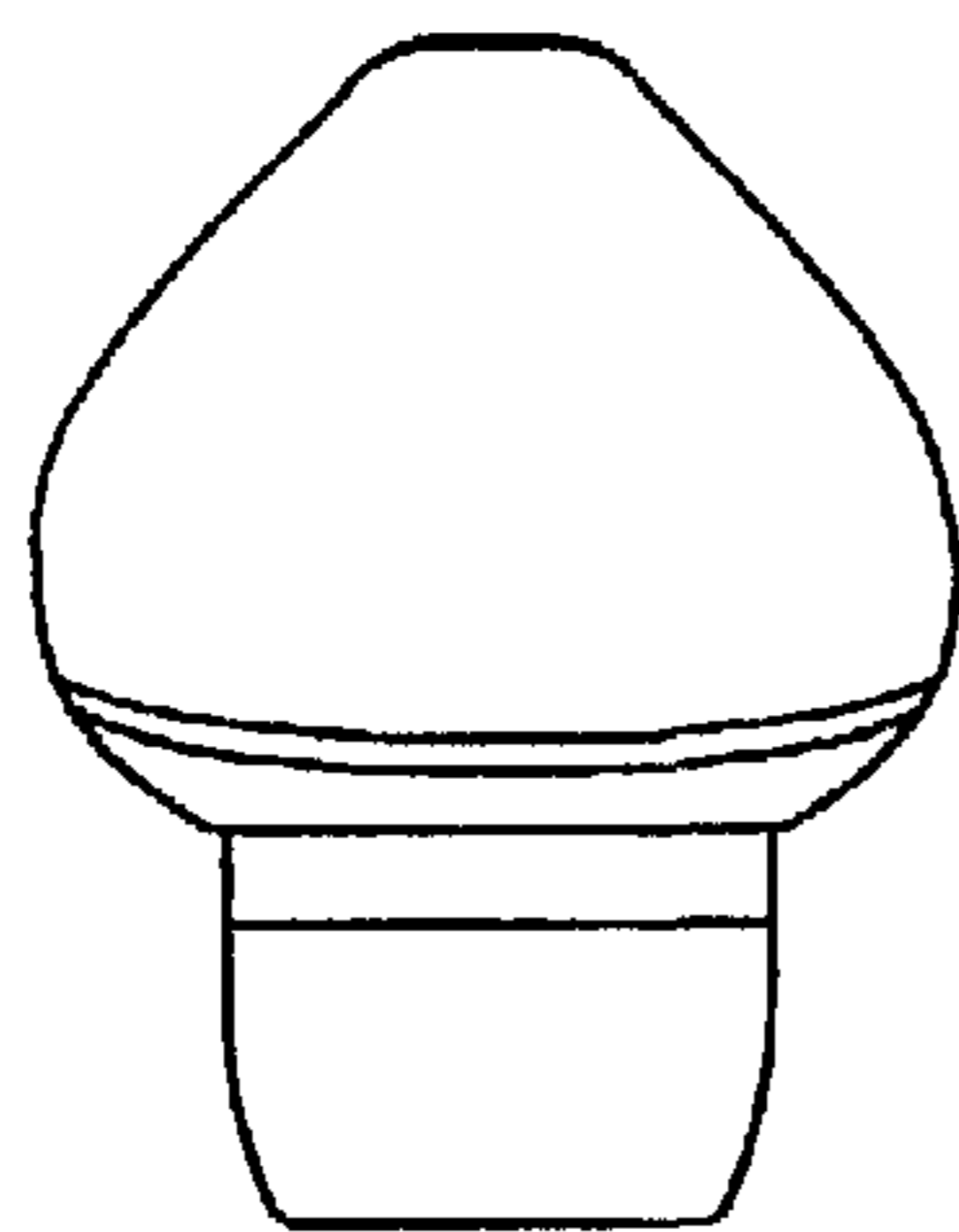


FIG. 6

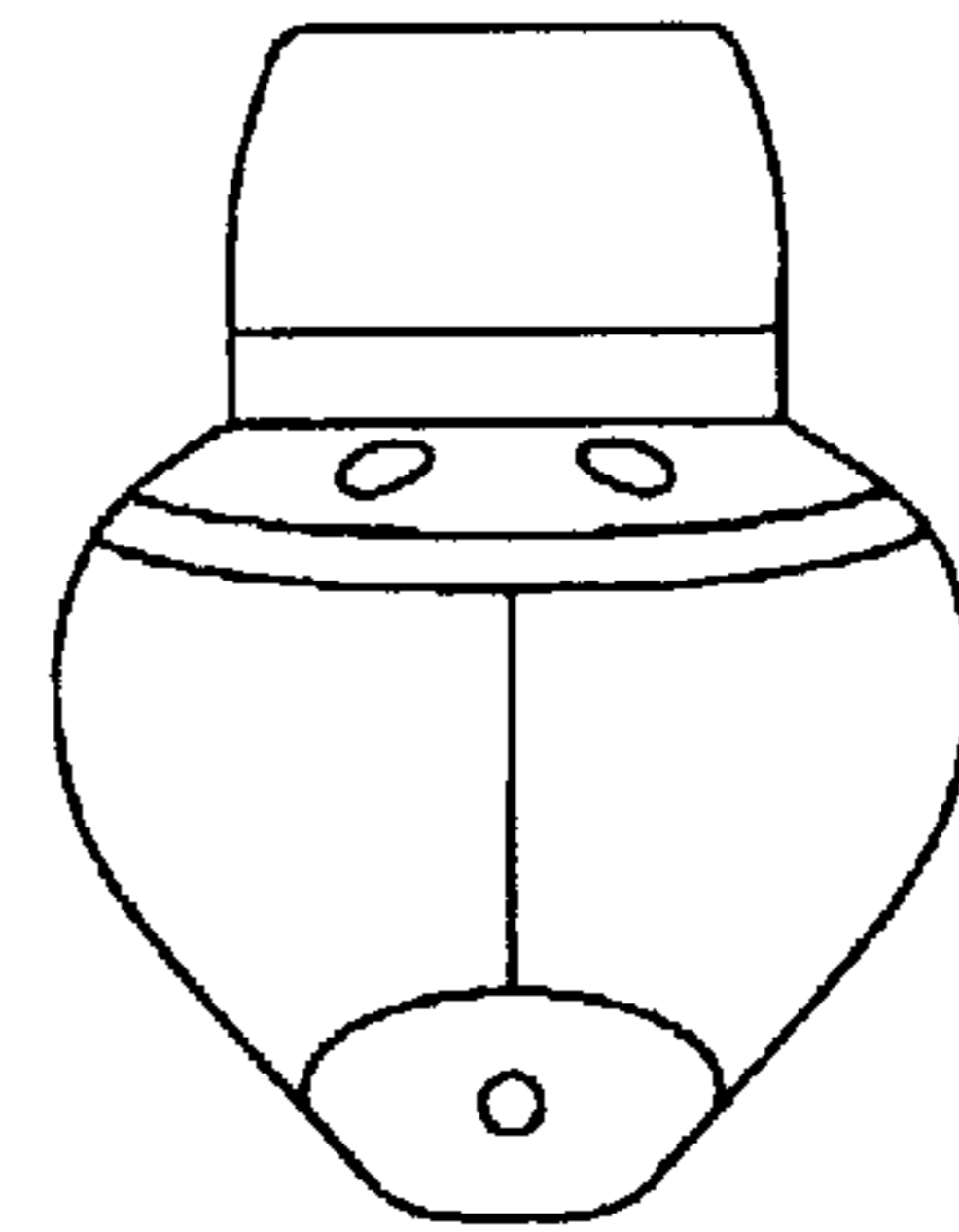


FIG. 7

