



US00D550200S

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

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(54) **EARPHONE**

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

(21) Appl. No.: **29/247,975**

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

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

(58) **Field of Classification Search** ..... D14/192,  
D14/218, 205-206, 223; 181/128-129, 130-132,  
181/135, 137, 322, 380; D24/106, 174; 379/430-431,  
379/444; 381/312, 322, 328, 338, 380;  
600/474, 549

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,375,016 A \* 2/1983 Harada ..... 181/135  
4,588,867 A \* 5/1986 Konomi ..... 379/430  
4,602,642 A \* 7/1986 O'Hara et al. .... 600/474

4,720,857 A \* 1/1988 Burris et al. .... 379/430  
5,781,638 A \* 7/1998 Hosaka et al. .... 381/322  
5,844,984 A \* 12/1998 Yamaguchi et al. .... 379/430  
5,991,652 A \* 11/1999 Barthelemy et al. .... 600/474  
D455,835 S \* 4/2002 Anderson et al. .... D24/174  
6,574,345 B1 \* 6/2003 Huang ..... 381/380  
D514,551 S \* 2/2006 Lee et al. .... D14/223  
D516,058 S \* 2/2006 Garcia ..... D14/205

\* cited by examiner

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(57) **CLAIM**

The ornamental design for an earphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an earphone, showing our new design;

FIG. 2 is a front elevation view thereof;

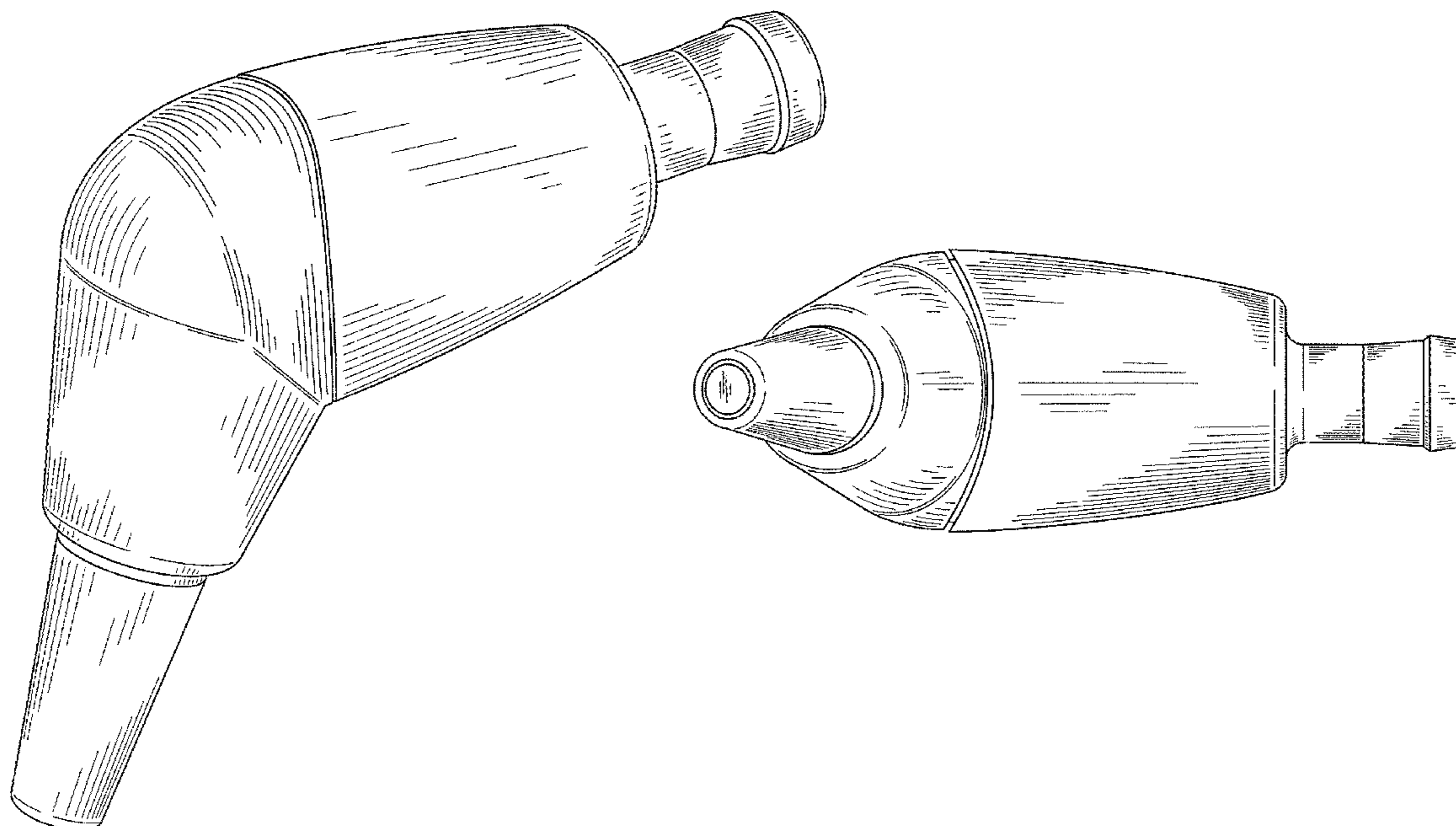
FIG. 3 is a left side elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

**1 Claim, 3 Drawing Sheets**



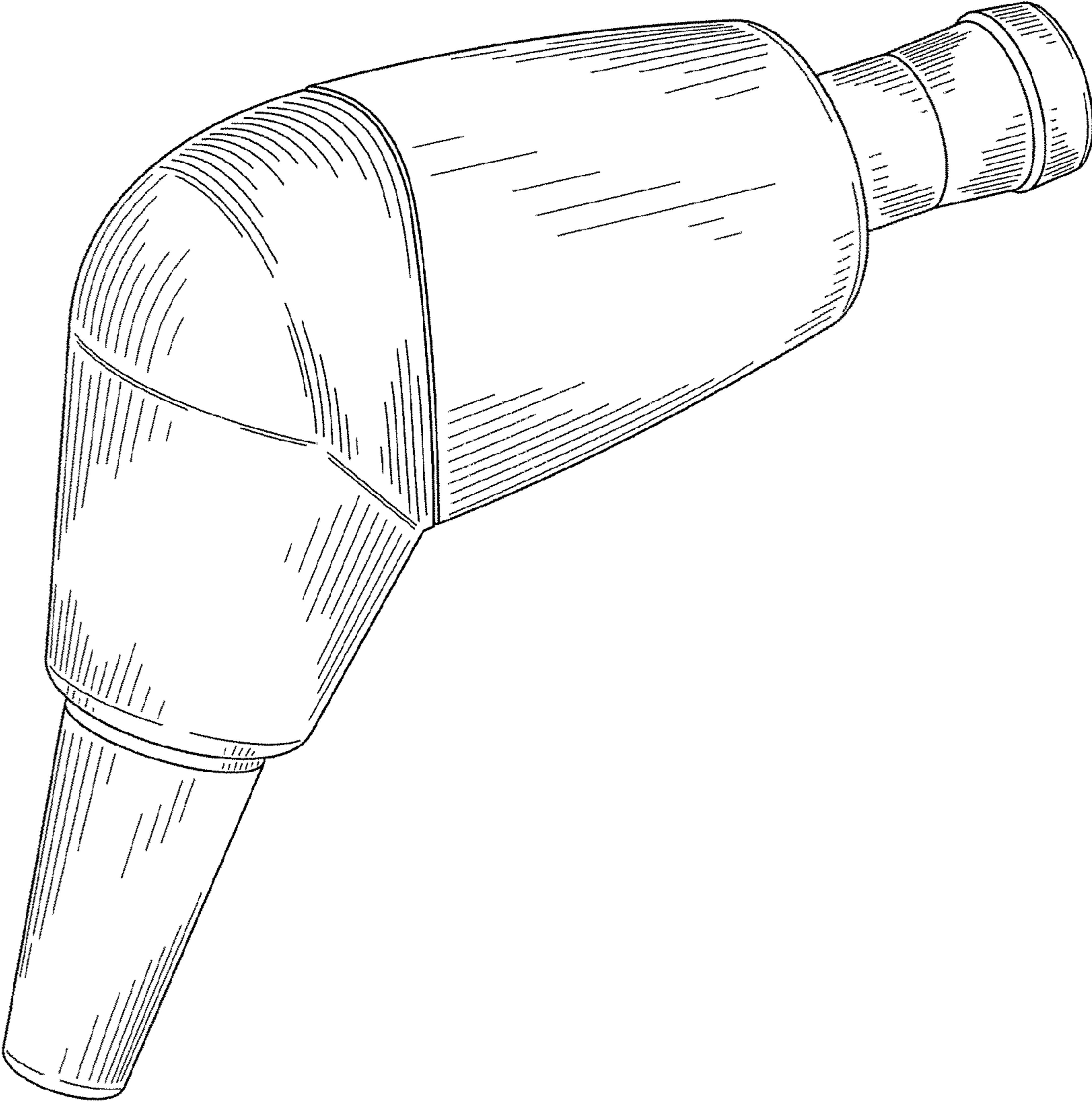


FIG. 1

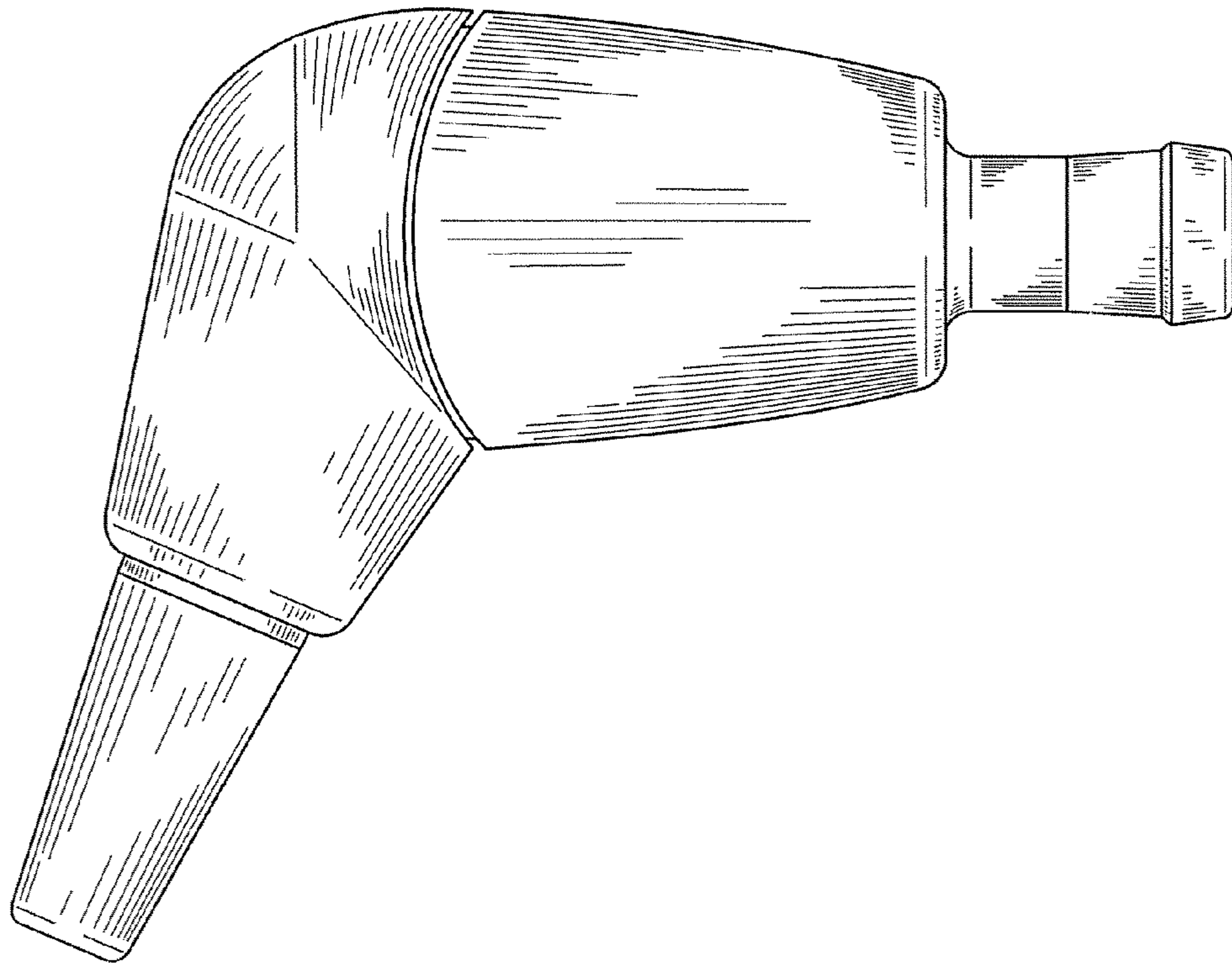


FIG. 2

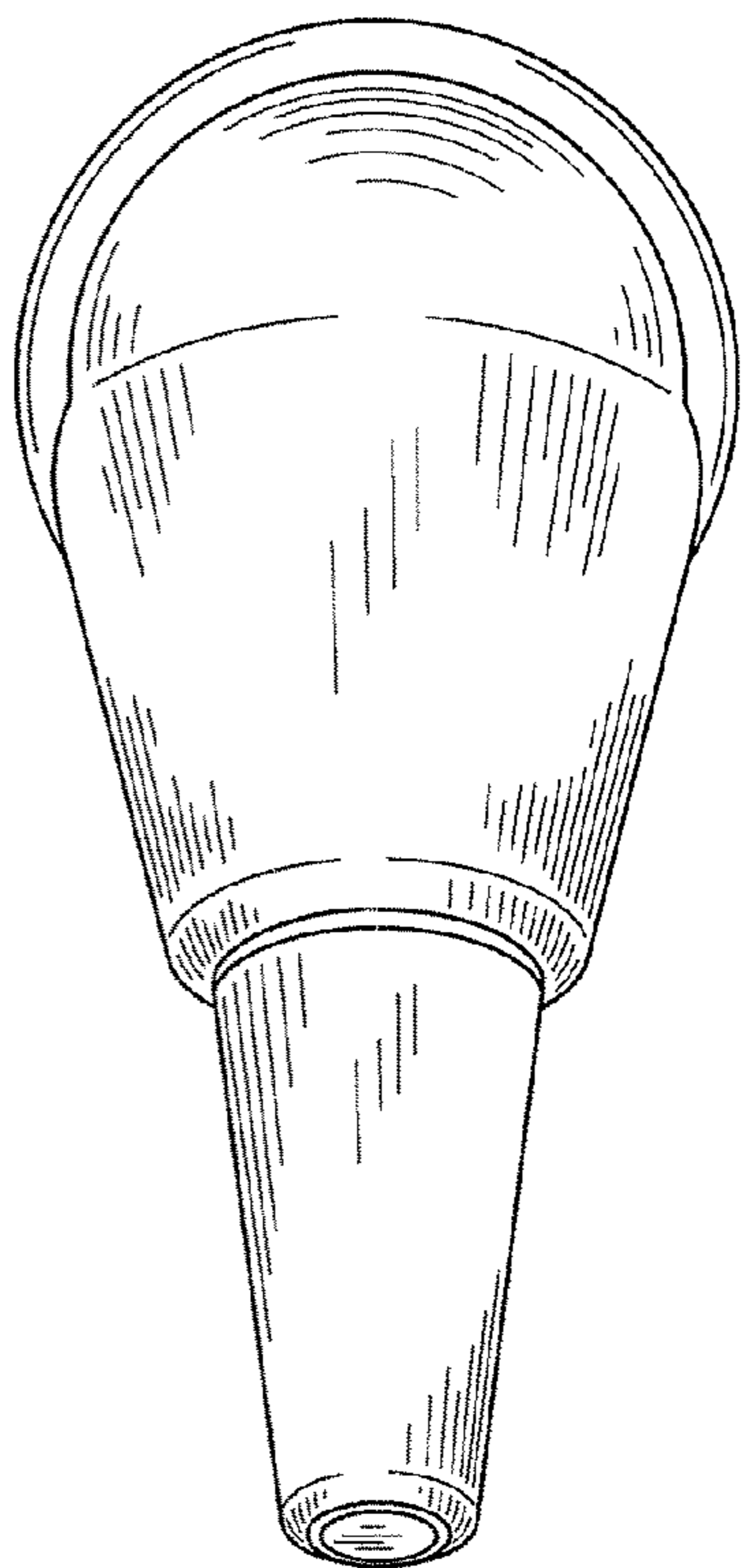


FIG. 3

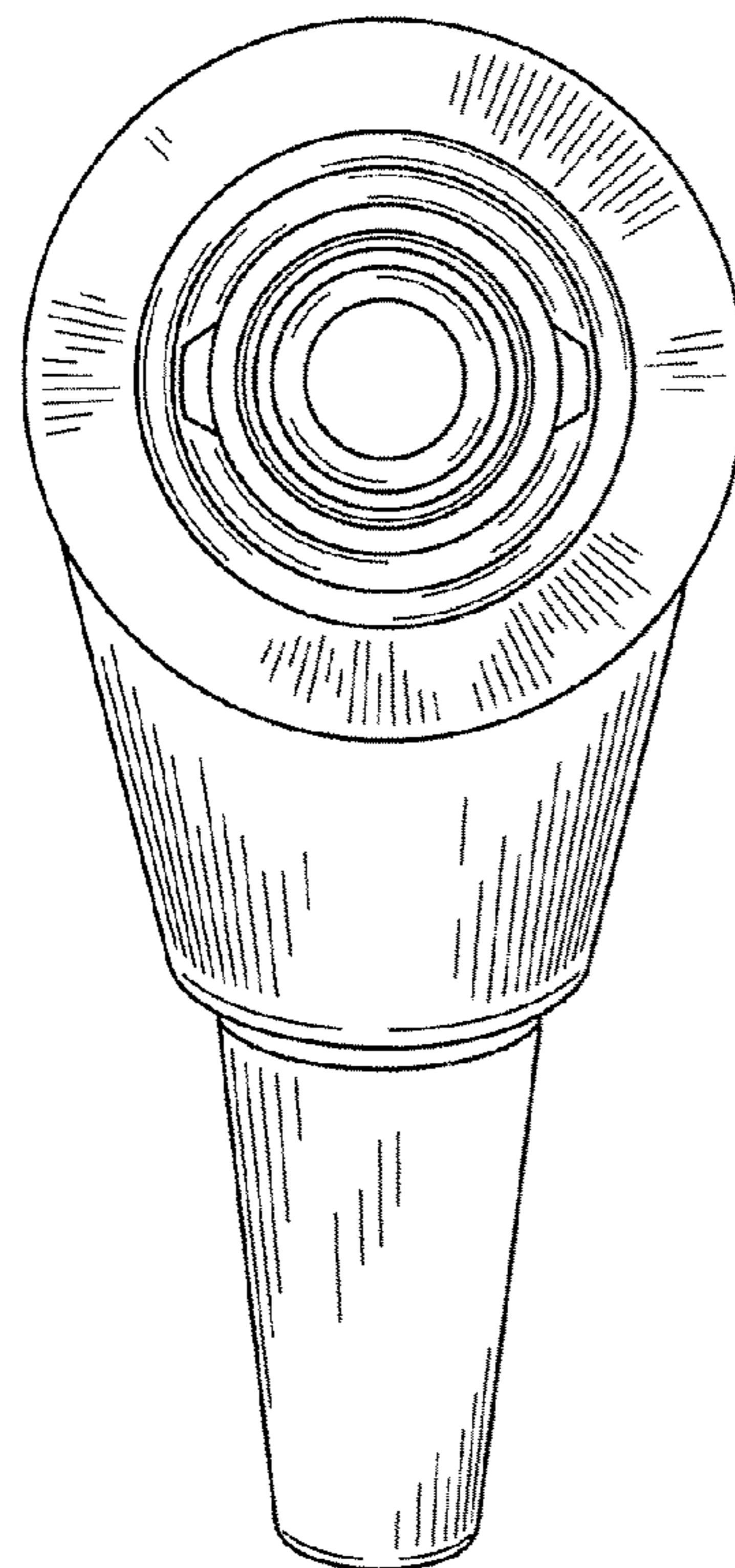


FIG. 4

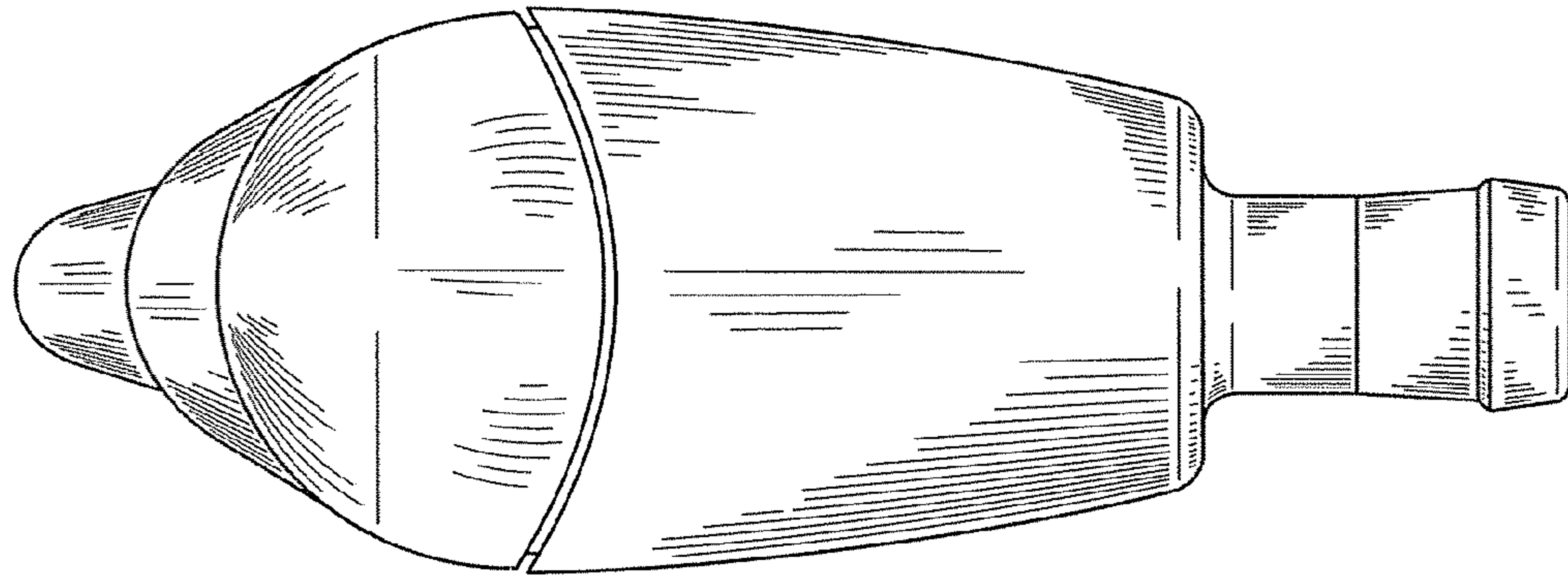


FIG. 5

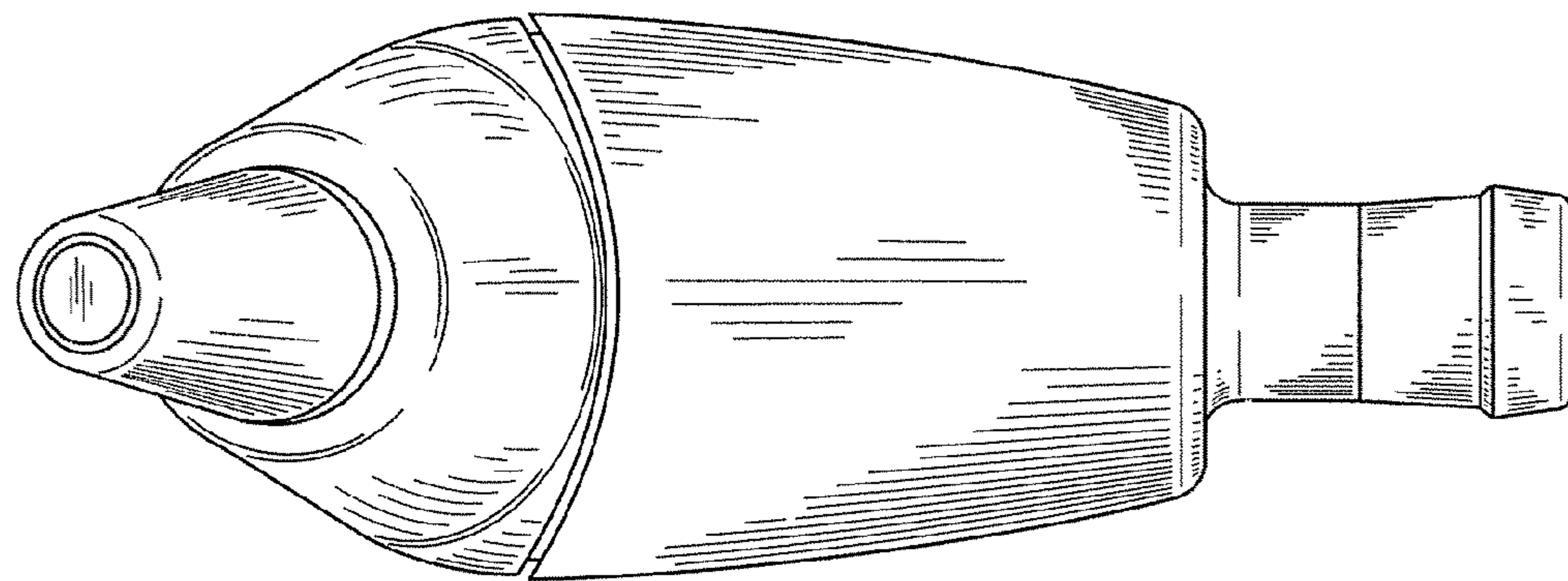


FIG. 6