



US00D653243S

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

(10) **Patent No.:** **US D653,243 S**
(45) **Date of Patent:** **** Jan. 31, 2012**

(54) **EARPHONE**

(75) Inventors: **Jun Katsumata**, Tokyo (JP); **So Morimoto**, Tokyo (JP); **Satoshi Suzuki**, Tokyo (JP)

(73) Assignee: **Sony Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/371,266**

(22) Filed: **Dec. 16, 2010**

(30) **Foreign Application Priority Data**

Jun. 18, 2010 (JP) D2010-015084
Jun. 18, 2010 (JP) D2010-015088
Jun. 18, 2010 (JP) D2010-015089

(51) **LOC (9) Cl.** **14-01**

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

(58) **Field of Classification Search** D14/205,
D14/206, 223; D13/133, 154, 119, 153;
381/380, 381; 174/135, 653; 439/502, 578
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,550,358 A * 4/1951 Le Grand et al. 174/77 S
3,051,774 A * 8/1962 Schelke 174/135
3,141,251 A * 7/1964 Olson et al. 38/90
3,953,097 A * 4/1976 Graham 439/307
4,026,621 A * 5/1977 Korba 439/125
4,652,082 A * 3/1987 Warner 385/83
4,730,855 A * 3/1988 Pelletier 285/179
4,758,171 A * 7/1988 Hey 439/181
D312,813 S * 12/1990 Takizawa D13/133
D337,989 S * 8/1993 Lee D13/133
5,233,677 A * 8/1993 Winslow 385/89
5,273,444 A * 12/1993 Down et al. 439/133
5,915,995 A * 6/1999 Meyer et al. 439/668
5,963,690 A * 10/1999 Cheng 385/76
D431,553 S * 10/2000 Suzuki D14/223
D435,830 S * 1/2001 Cheng D13/133
D441,739 S * 5/2001 Hayes et al. D14/223
D454,115 S * 3/2002 Zemba D13/147
D472,890 S * 4/2003 Suzuki
D474,171 S * 5/2003 Suzuki D14/206

D480,050 S * 9/2003 Darrow et al. D13/133
6,731,772 B1 * 5/2004 Byun 381/380
6,768,057 B2 * 7/2004 Blake 174/653
D494,956 S * 8/2004 Sabick et al. D14/205

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1194402 S 1/2004

(Continued)

Primary Examiner — Paula Greene

(74) *Attorney, Agent, or Firm* — Rader, Fishman & Grauer PLLC

(57)

CLAIM

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

DESCRIPTION

FIG. 1 is a front, top, right perspective view of a first embodiment of an earphone showing our new design;

FIG. 2 is a front, top, left 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; and

FIG. 8 is a bottom plan view thereof.

FIG. 9 is a front, top, right perspective view of a second embodiment of an earphone showing our new design;

FIG. 10 is a front, top, left perspective view thereof;

FIG. 11 is a front elevational view thereof;

FIG. 12 is a rear elevational view thereof;

FIG. 13 is a left side elevational view thereof;

FIG. 14 is a right side elevational view thereof;

FIG. 15 is a top plan view thereof; and

FIG. 16 is a bottom plan view thereof.

FIG. 17 is a front, top, right perspective view of a third embodiment of an earphone showing our new design;

FIG. 18 is a front, top, left perspective view thereof;

FIG. 19 is a front elevational view thereof;

FIG. 20 is a rear elevational view thereof;

FIG. 21 is a left side elevational view thereof;

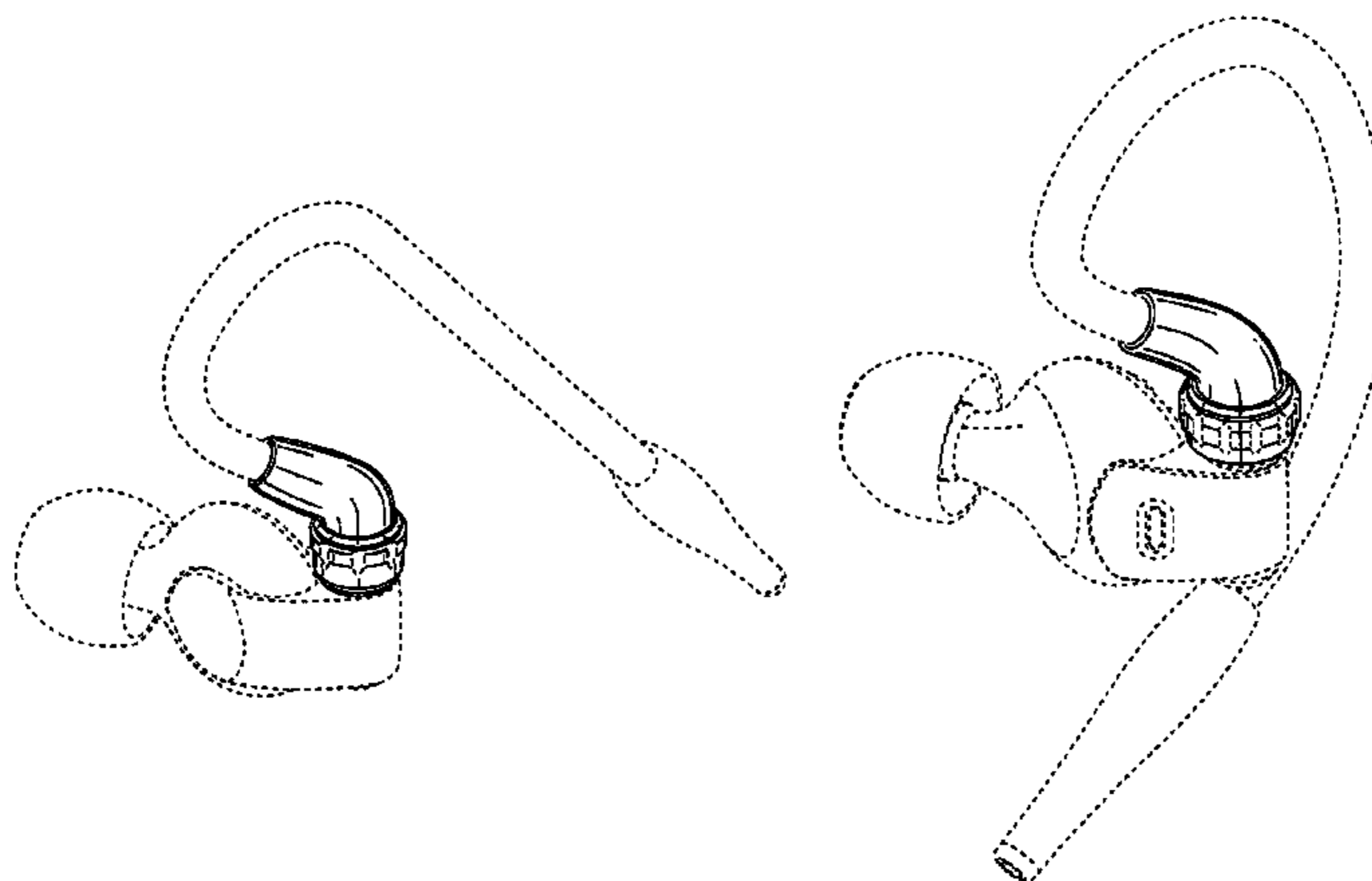
FIG. 22 is a right side elevational view thereof;

FIG. 23 is a top plan view thereof; and

FIG. 24 is a bottom plan view thereof.

The portions indicated in broken lines are for illustrative purposes only and form no part of the claimed design.

1 Claim, 18 Drawing Sheets



US D653,243 S

Page 2

U.S. PATENT DOCUMENTS

D495,684 S 9/2004 Hirano
D504,672 S 5/2005 Hirano
D510,085 S 9/2005 Suzuki
D512,992 S 12/2005 Murakami
D515,069 S 2/2006 Naito
D539,268 S * 3/2007 Suzuki D14/206
D542,225 S * 5/2007 Victor D13/154
7,349,550 B2 * 3/2008 Oliveira et al. 381/380
D566,104 S 4/2008 Suzuki
D584,689 S * 1/2009 Slawson et al. D13/133
D588,582 S 3/2009 Komiyama
D597,946 S * 8/2009 Li D13/133

D604,242 S * 11/2009 Kiely D13/133
D605,636 S * 12/2009 Yang D14/223
D606,048 S * 12/2009 Soetejo et al. D14/223
D610,129 S 2/2010 Densho et al.
D624,019 S * 9/2010 Victor D13/133
D624,902 S * 10/2010 Kolton D14/205
D631,470 S * 1/2011 Yoneyama et al. D14/223

FOREIGN PATENT DOCUMENTS

JP D1322442 S 2/2008
JP D1379167 S 2/2010
JP D1384731 S 4/2010

* cited by examiner

FIG. 1

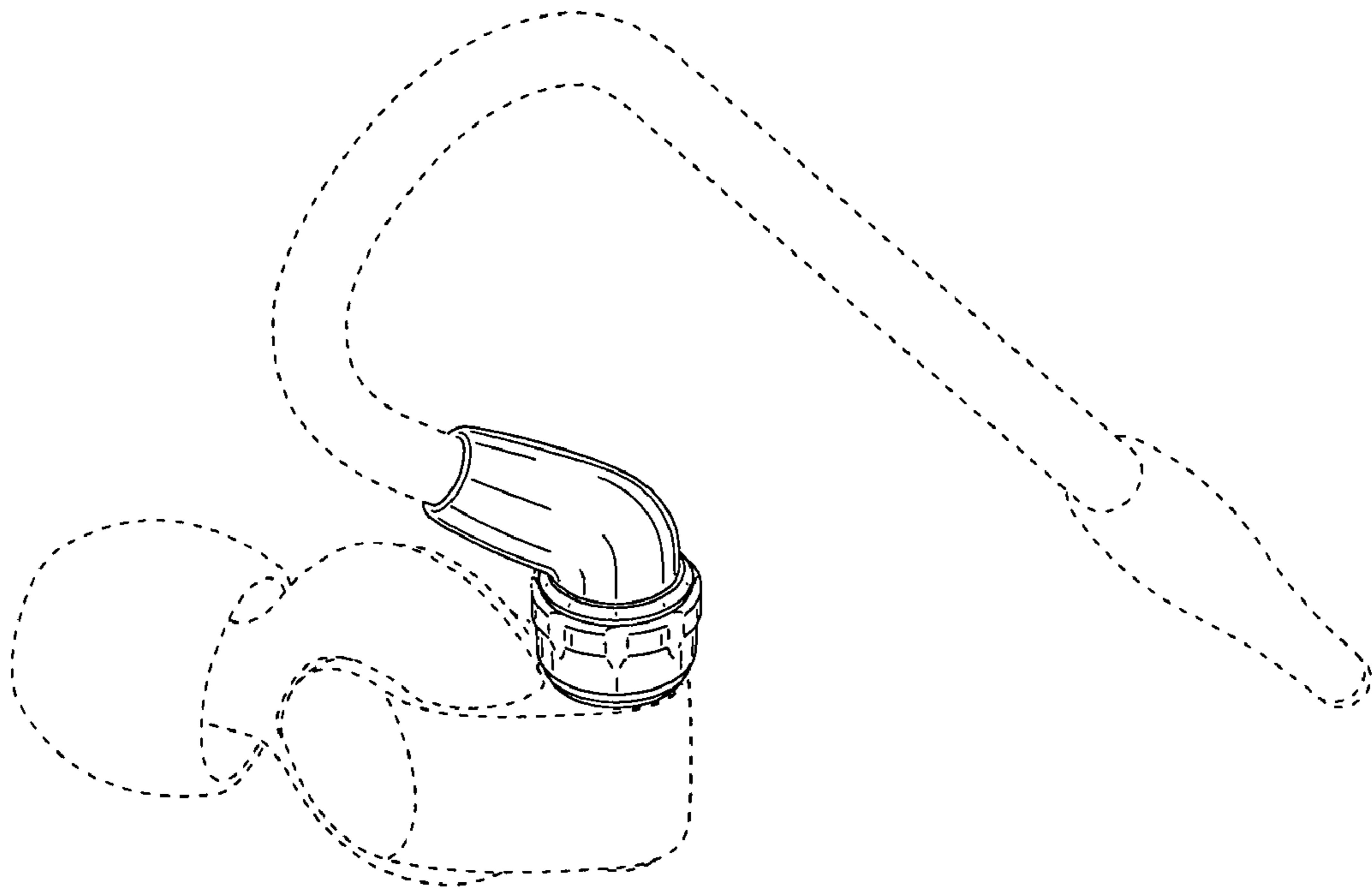


FIG.2

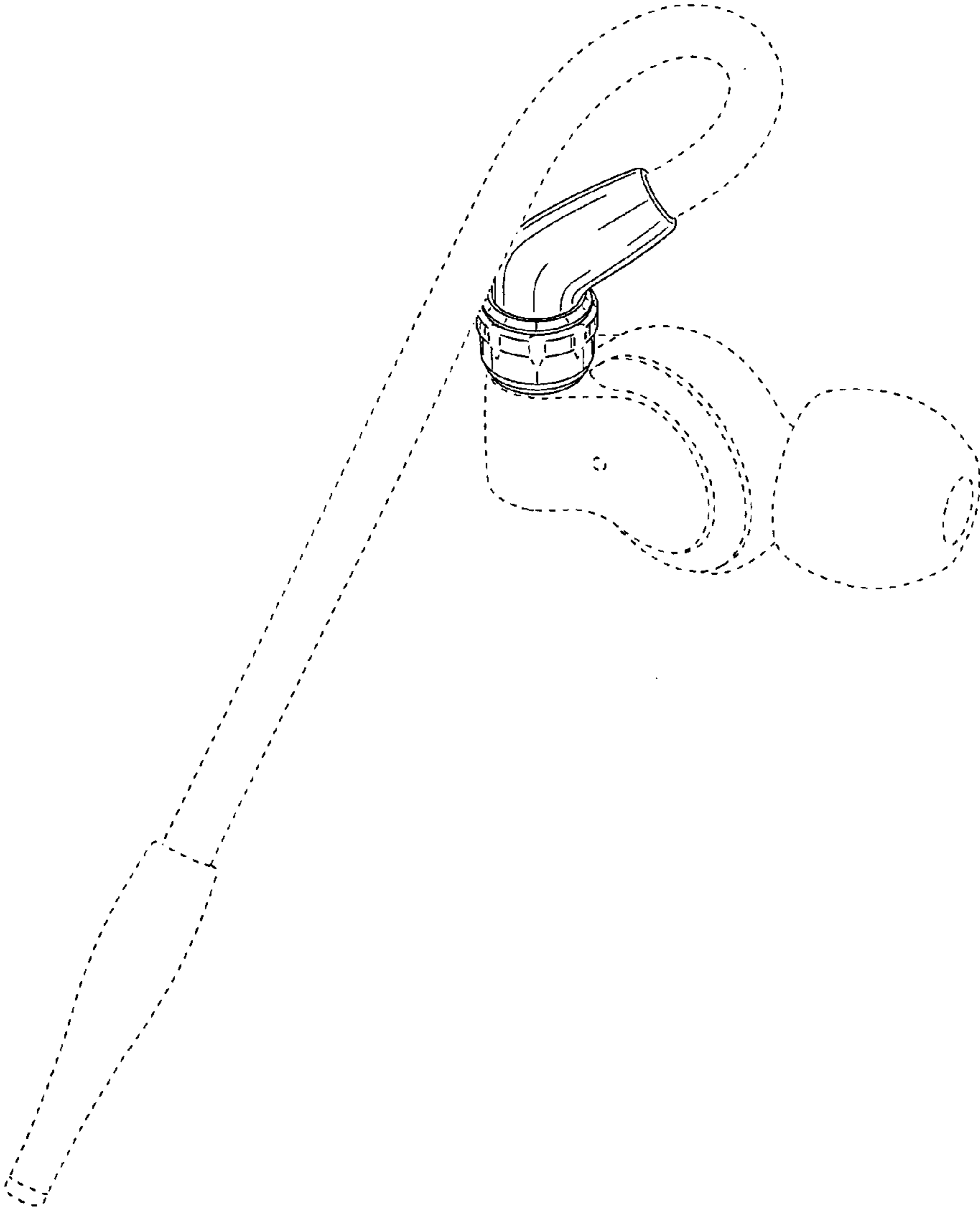


FIG.3

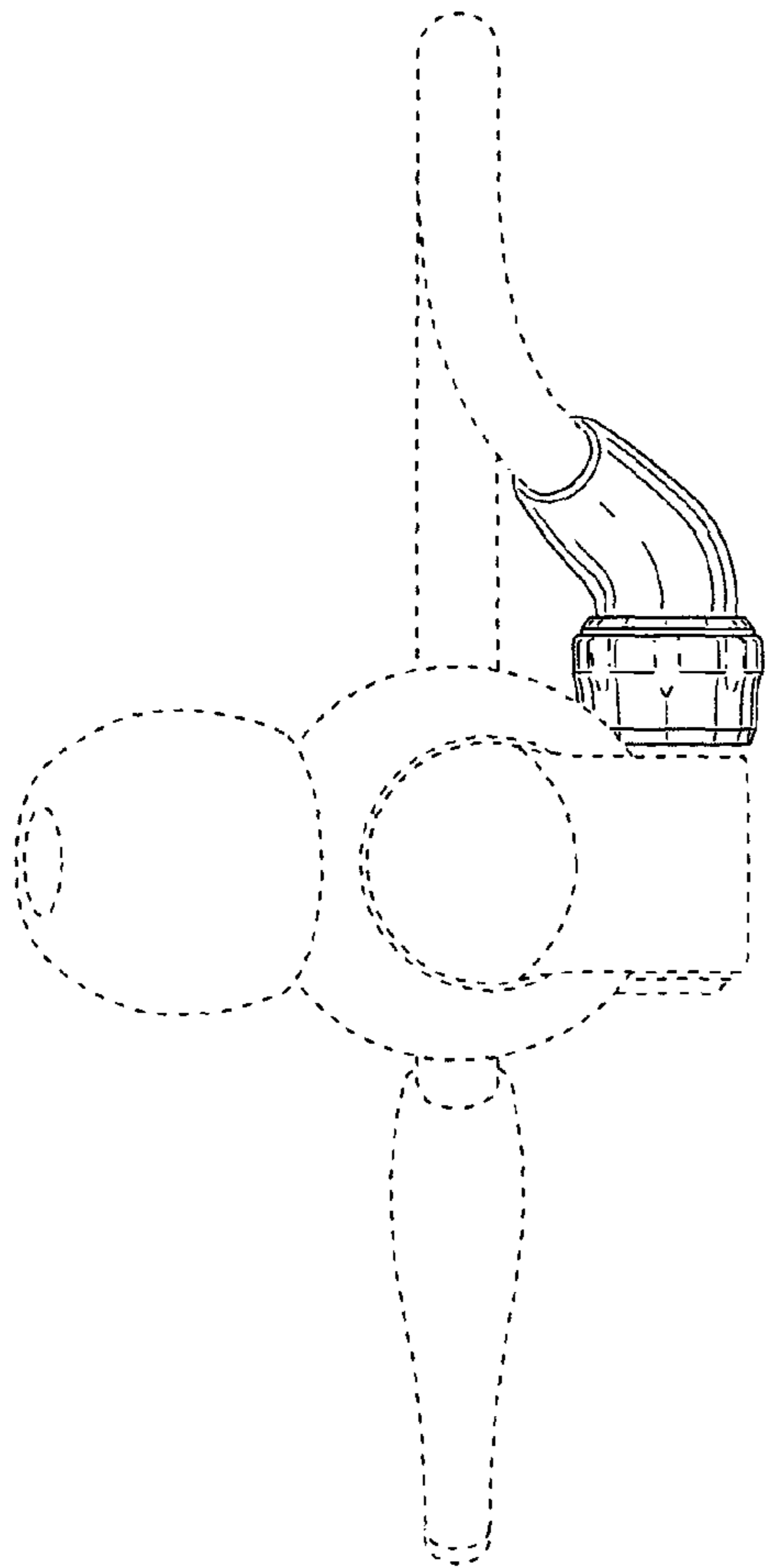


FIG.4

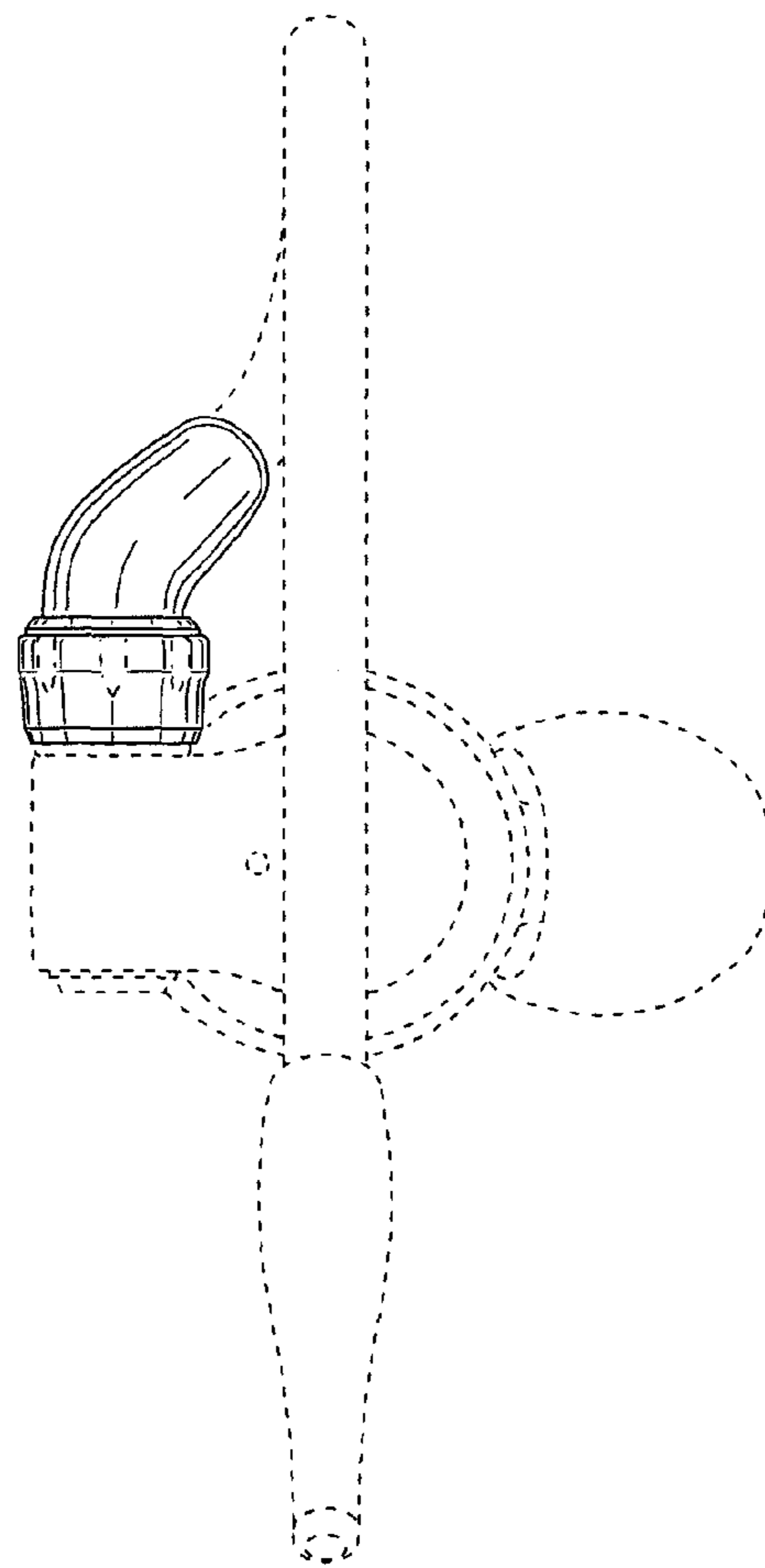


FIG.5

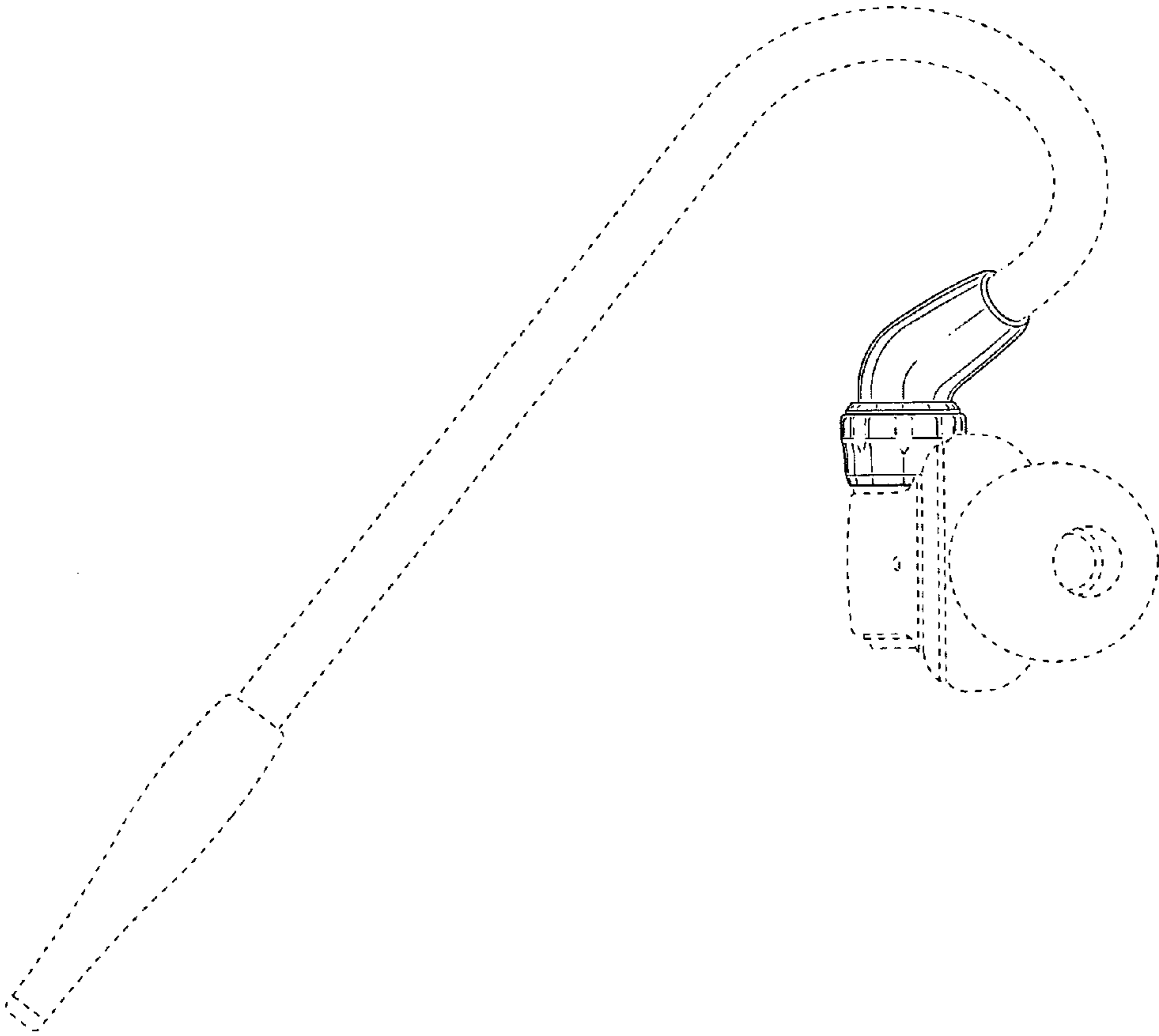


FIG.6

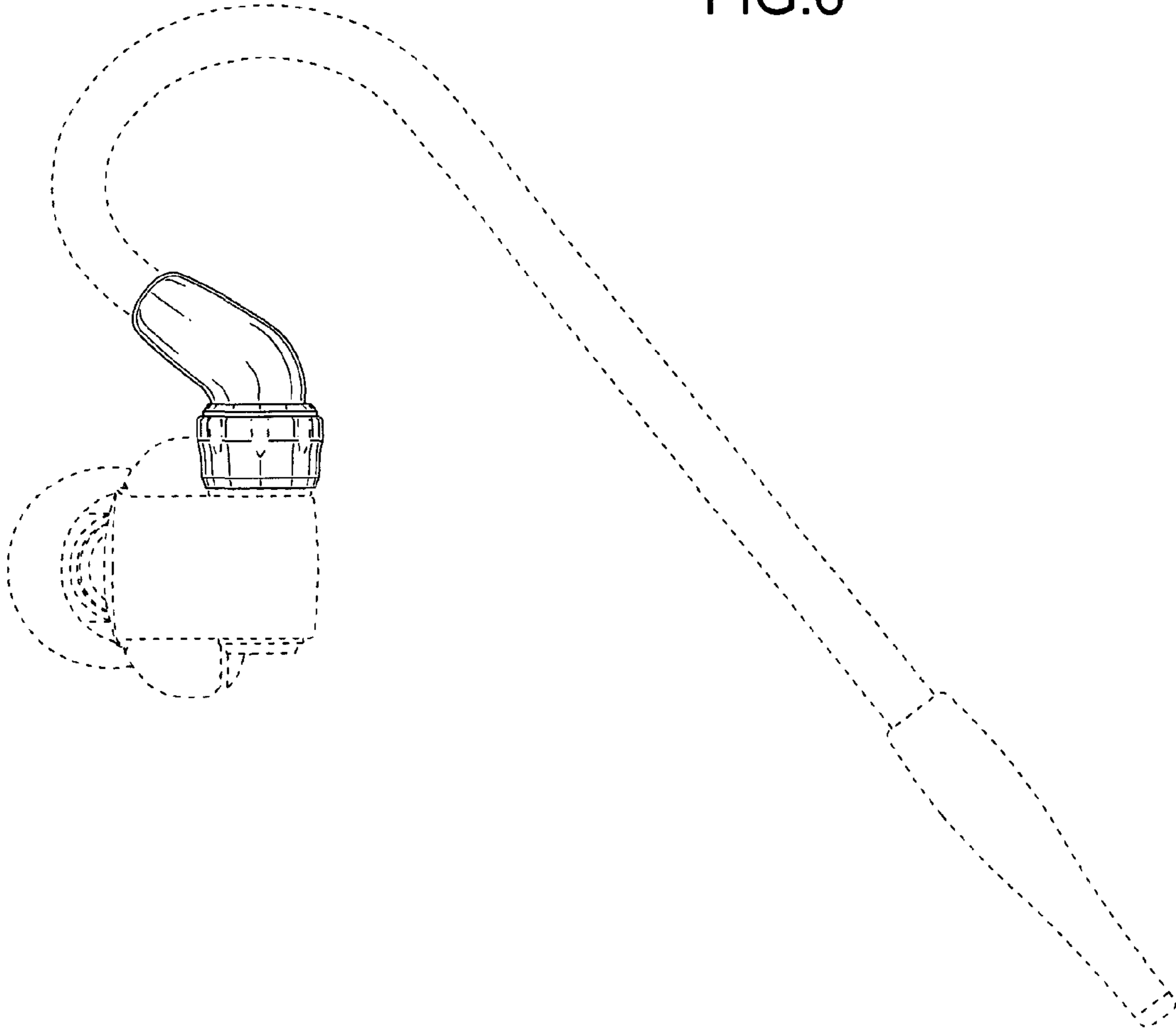


FIG.7

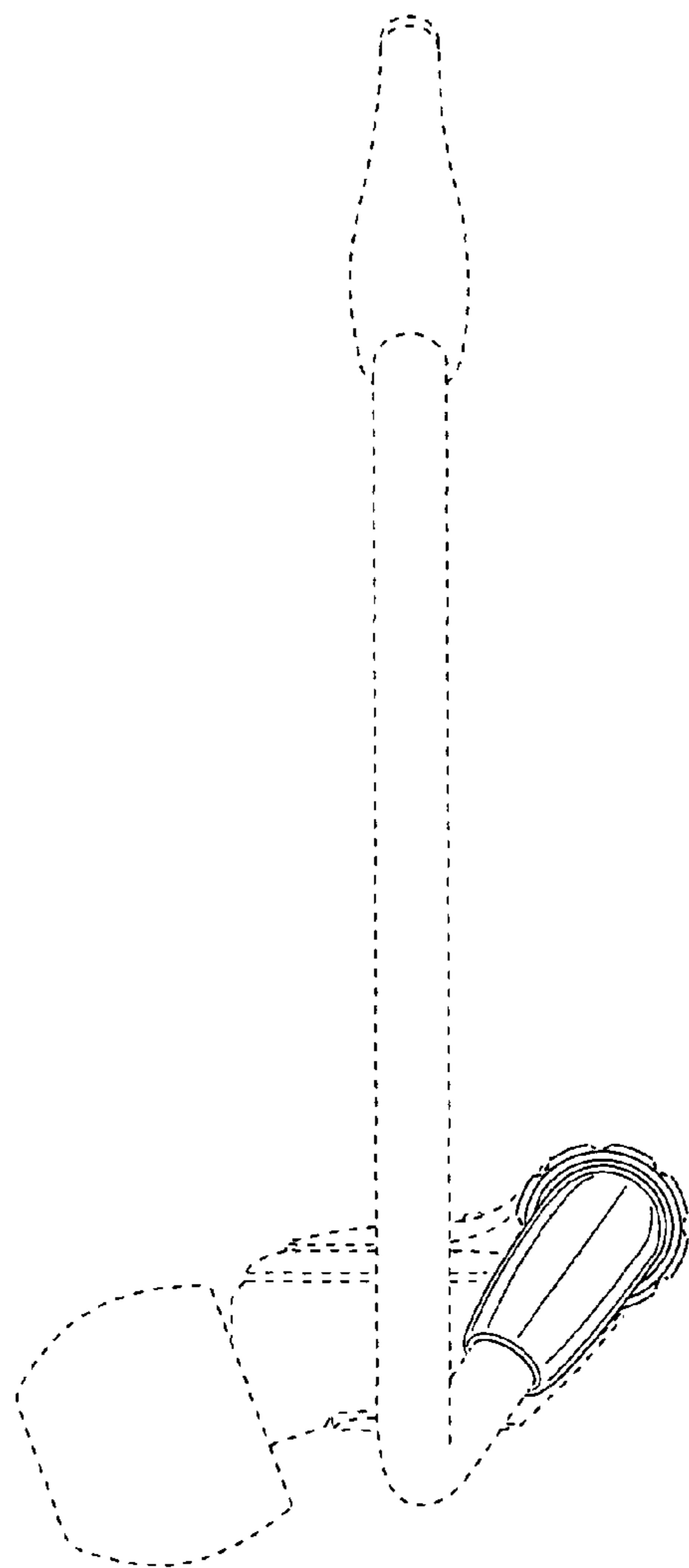


FIG.8

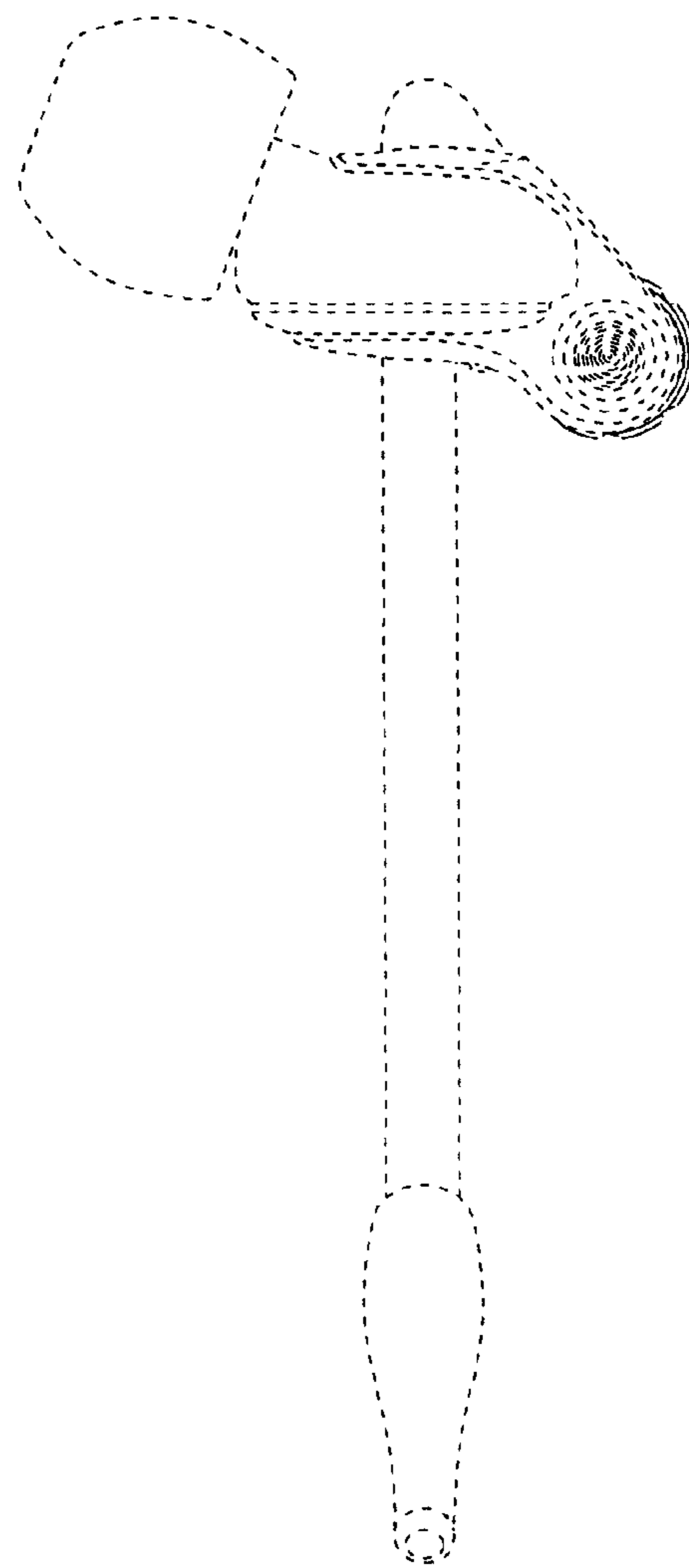


FIG.9

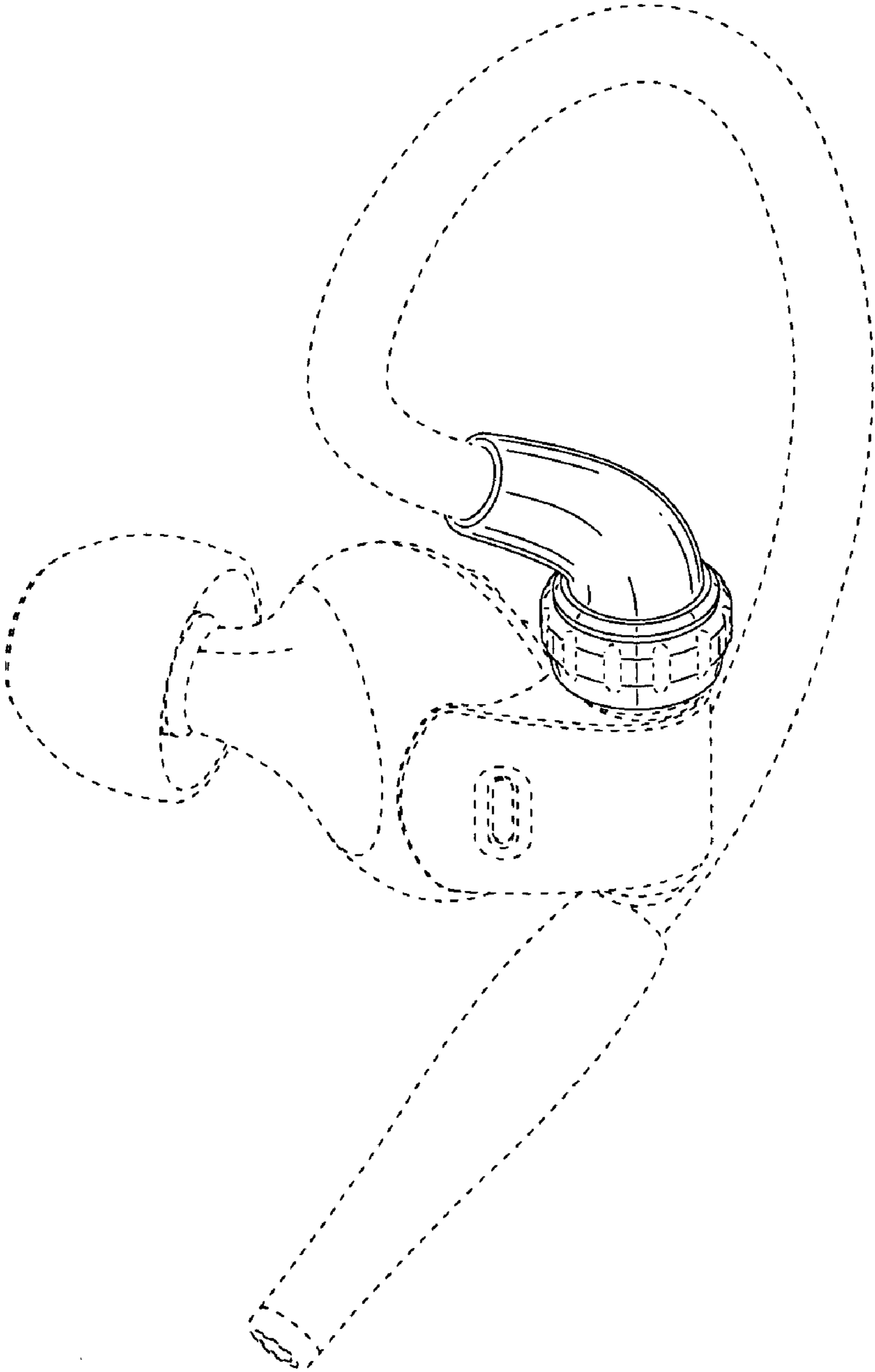


FIG.10

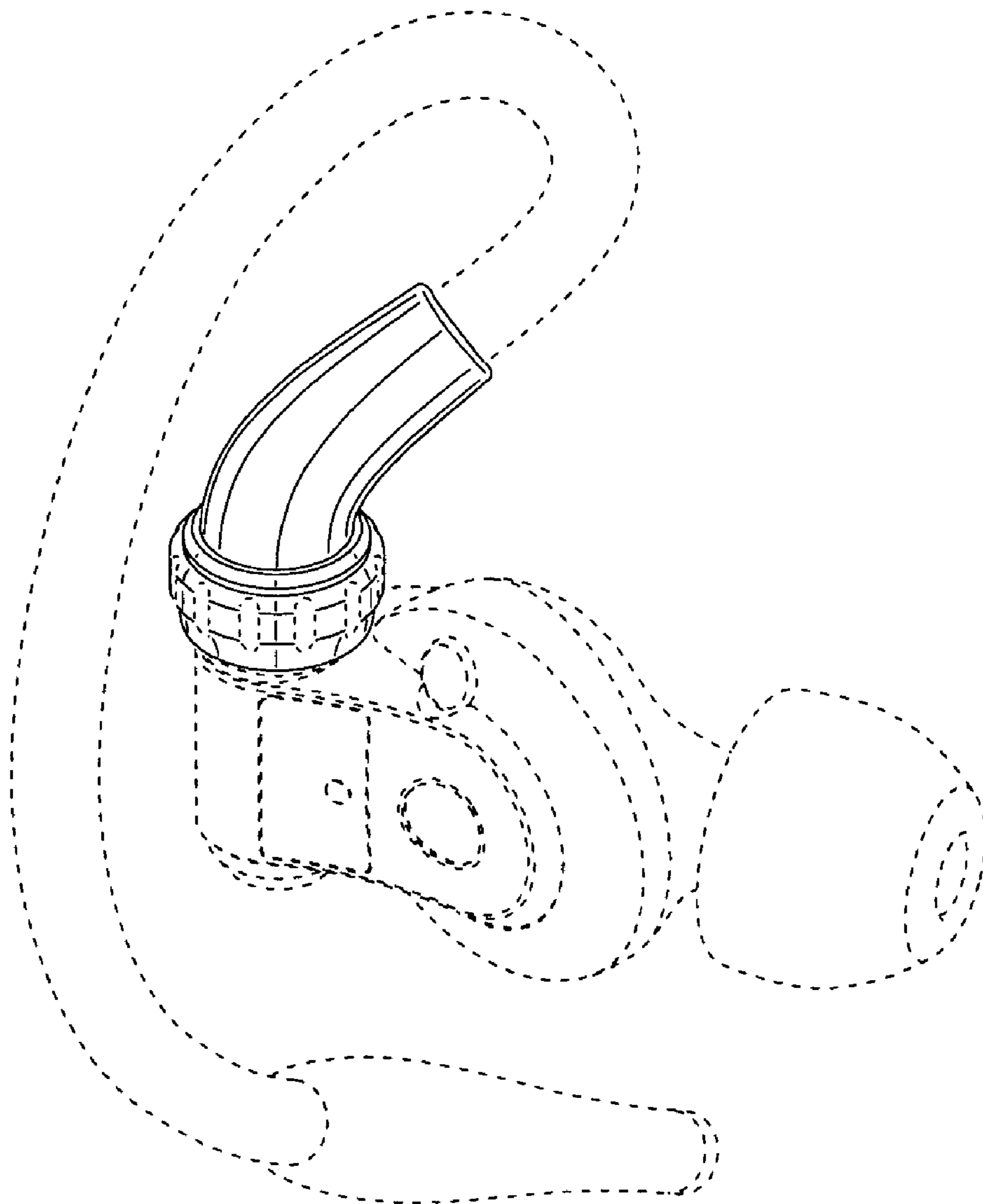


FIG.11

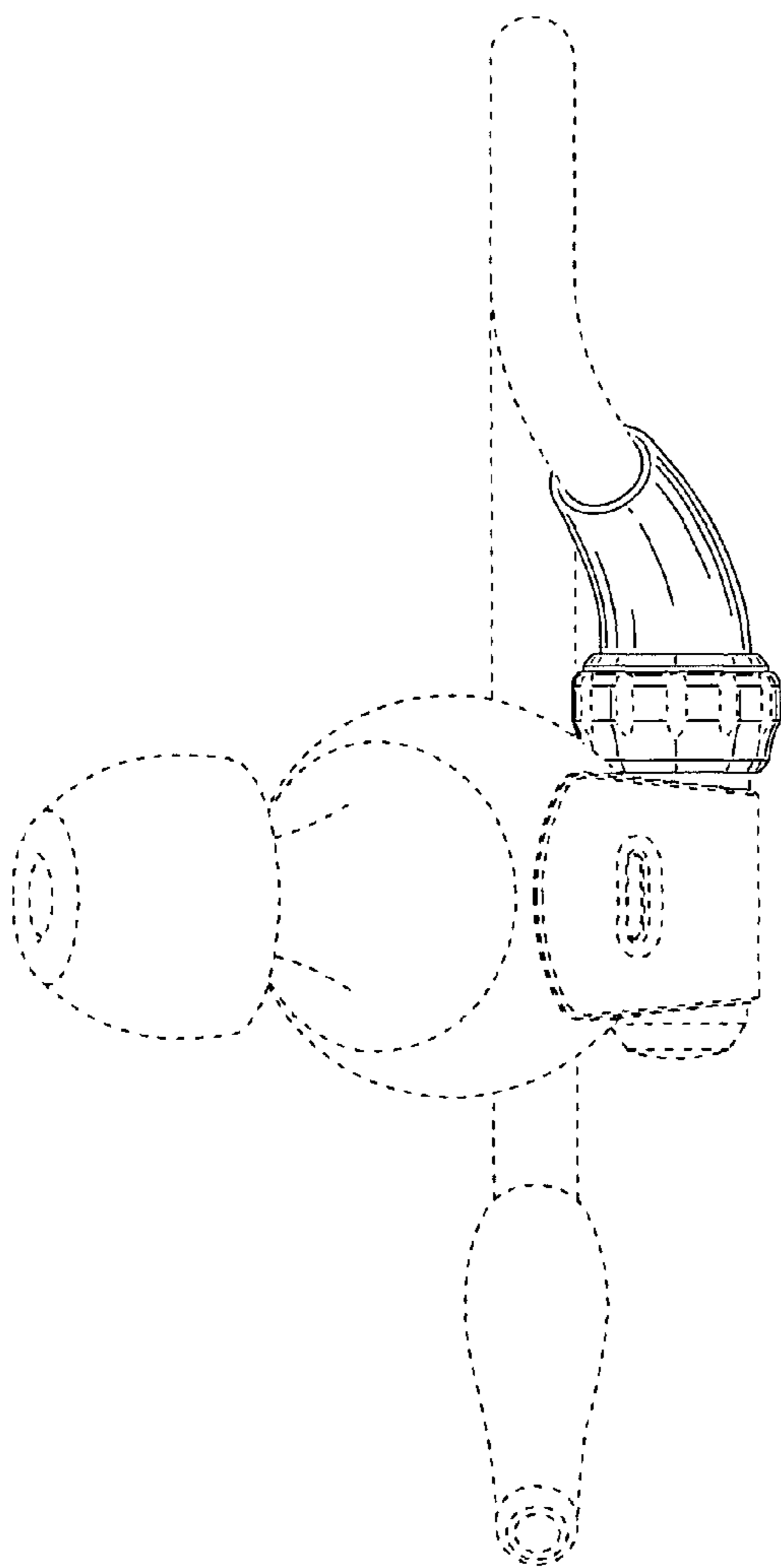


FIG.12

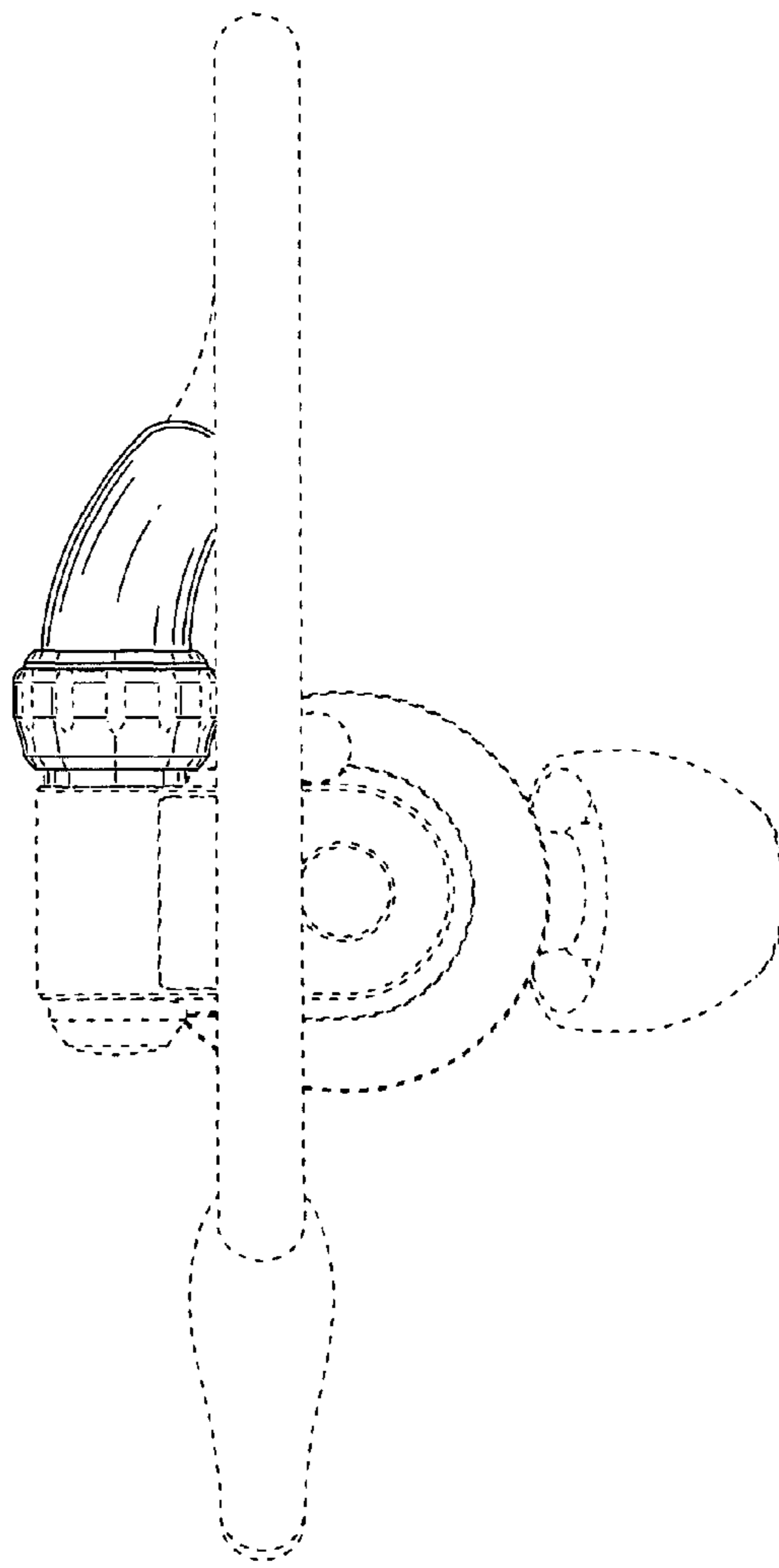


FIG. 13

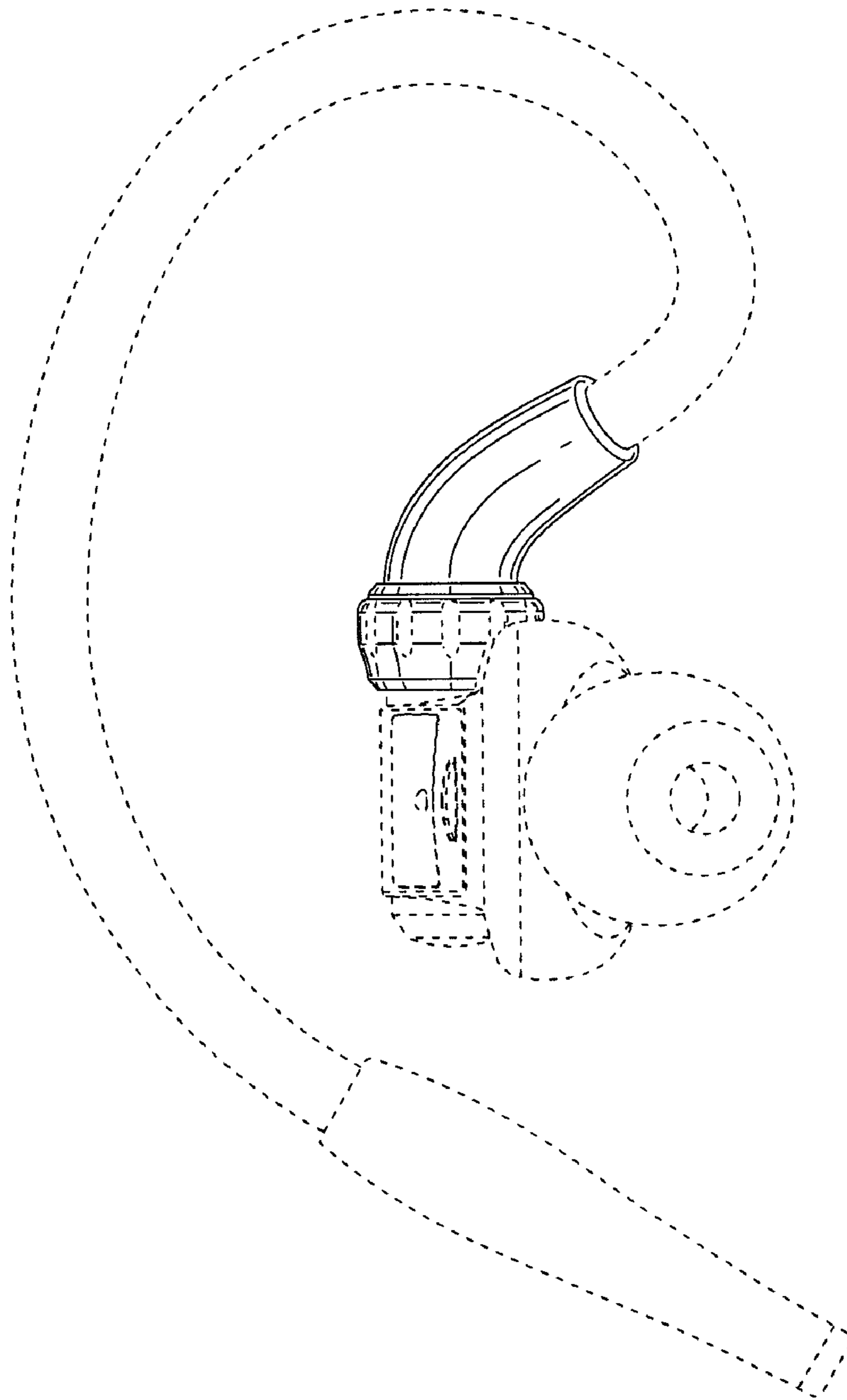


FIG.14

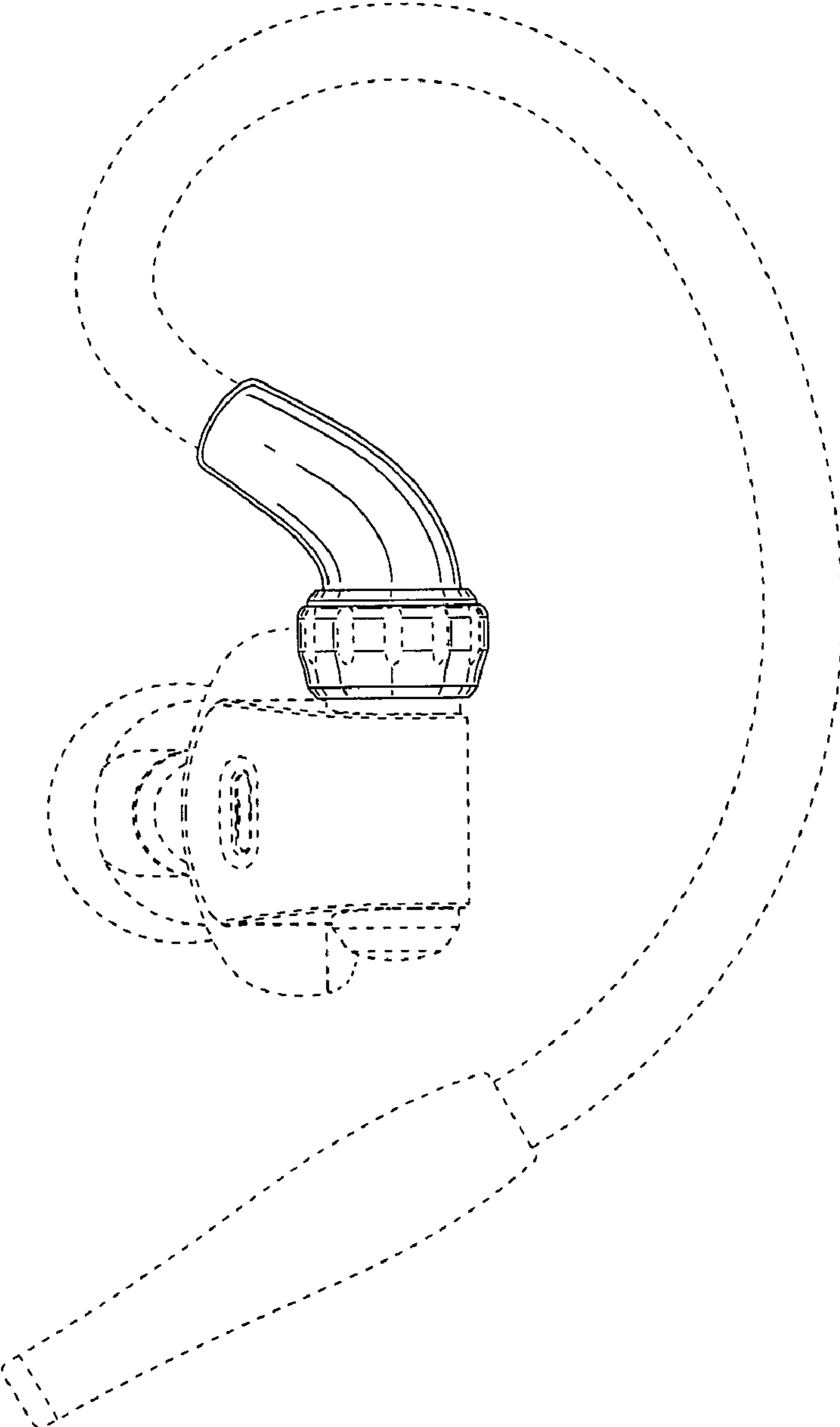


FIG.16

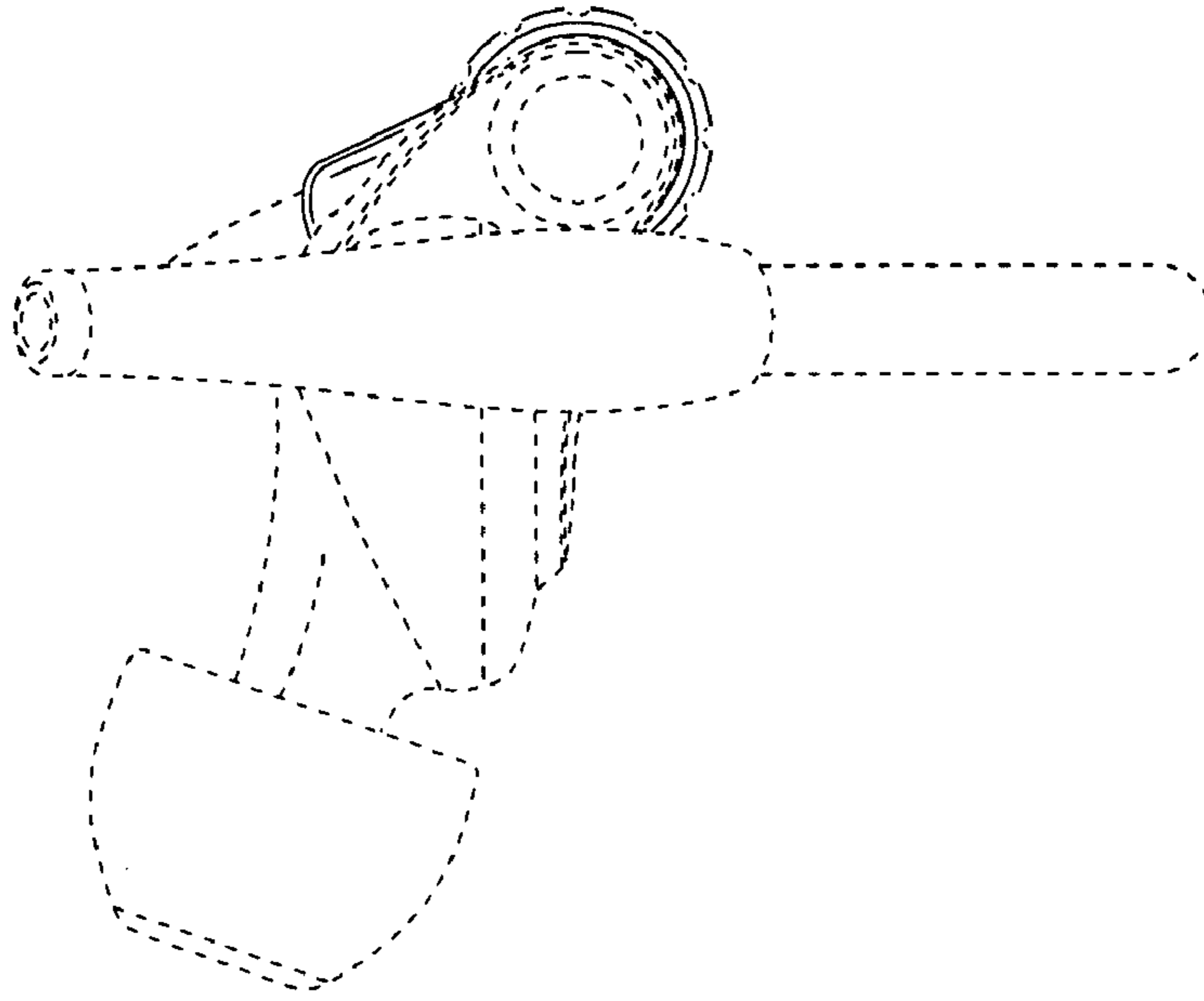


FIG.15

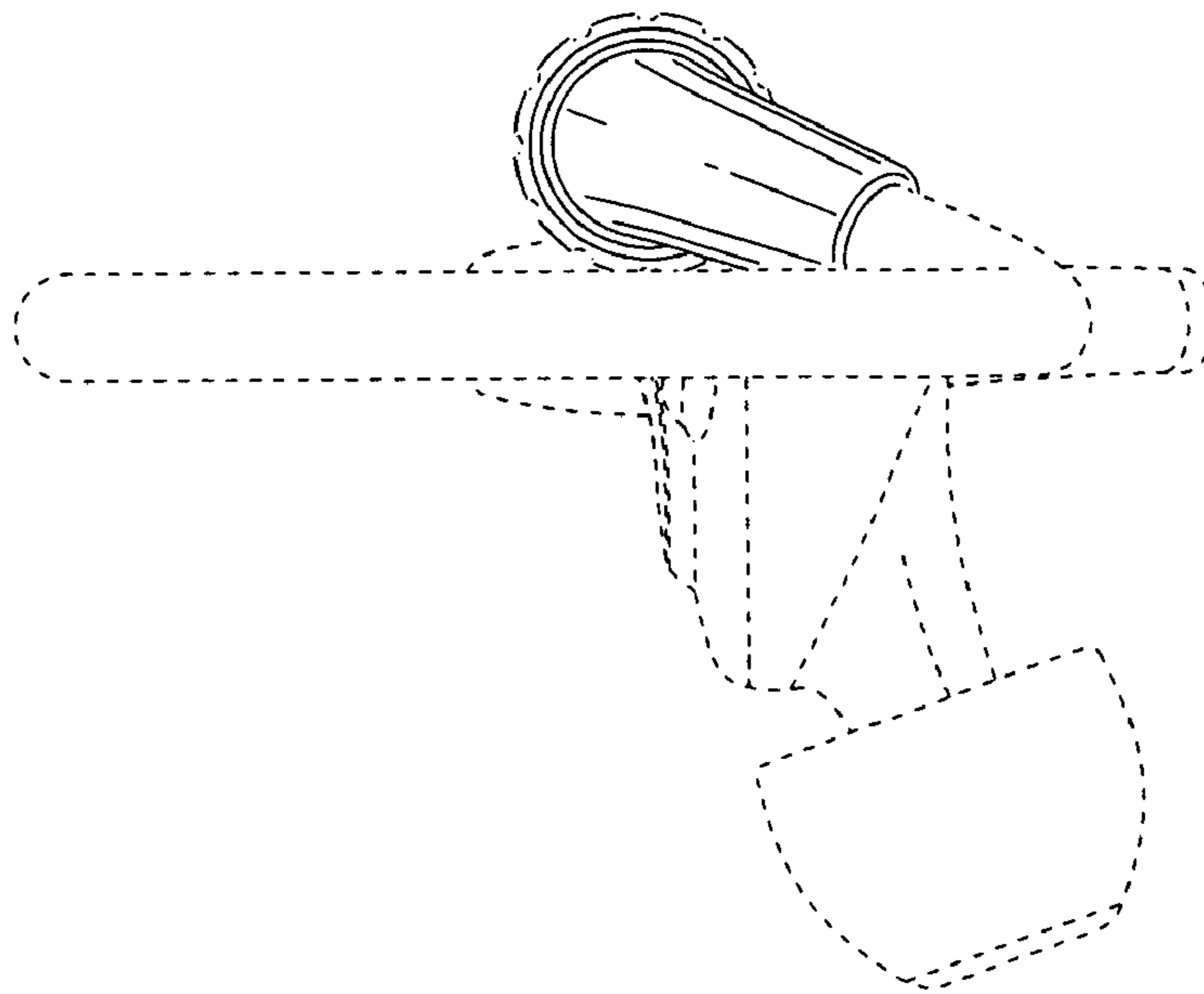


FIG.17

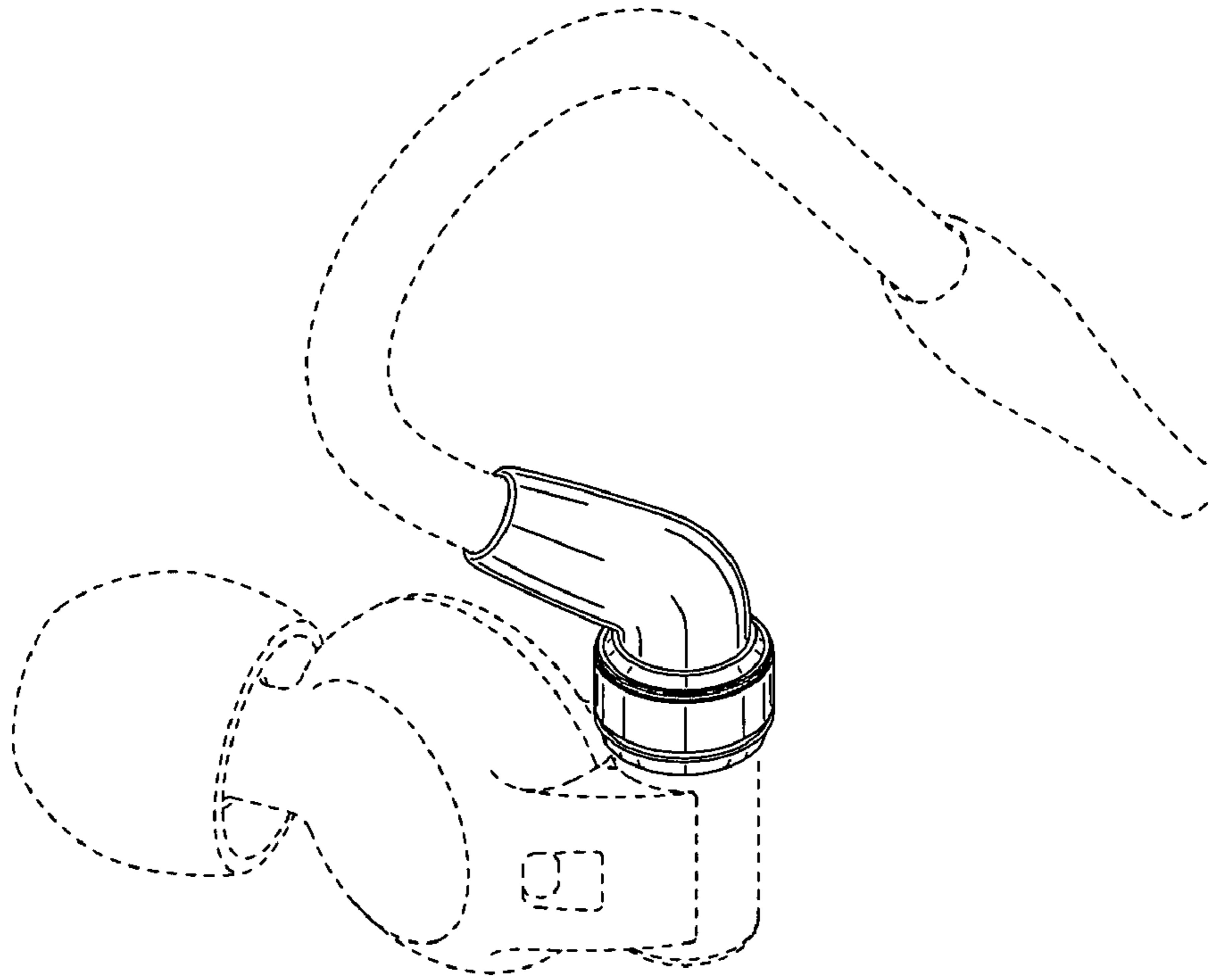
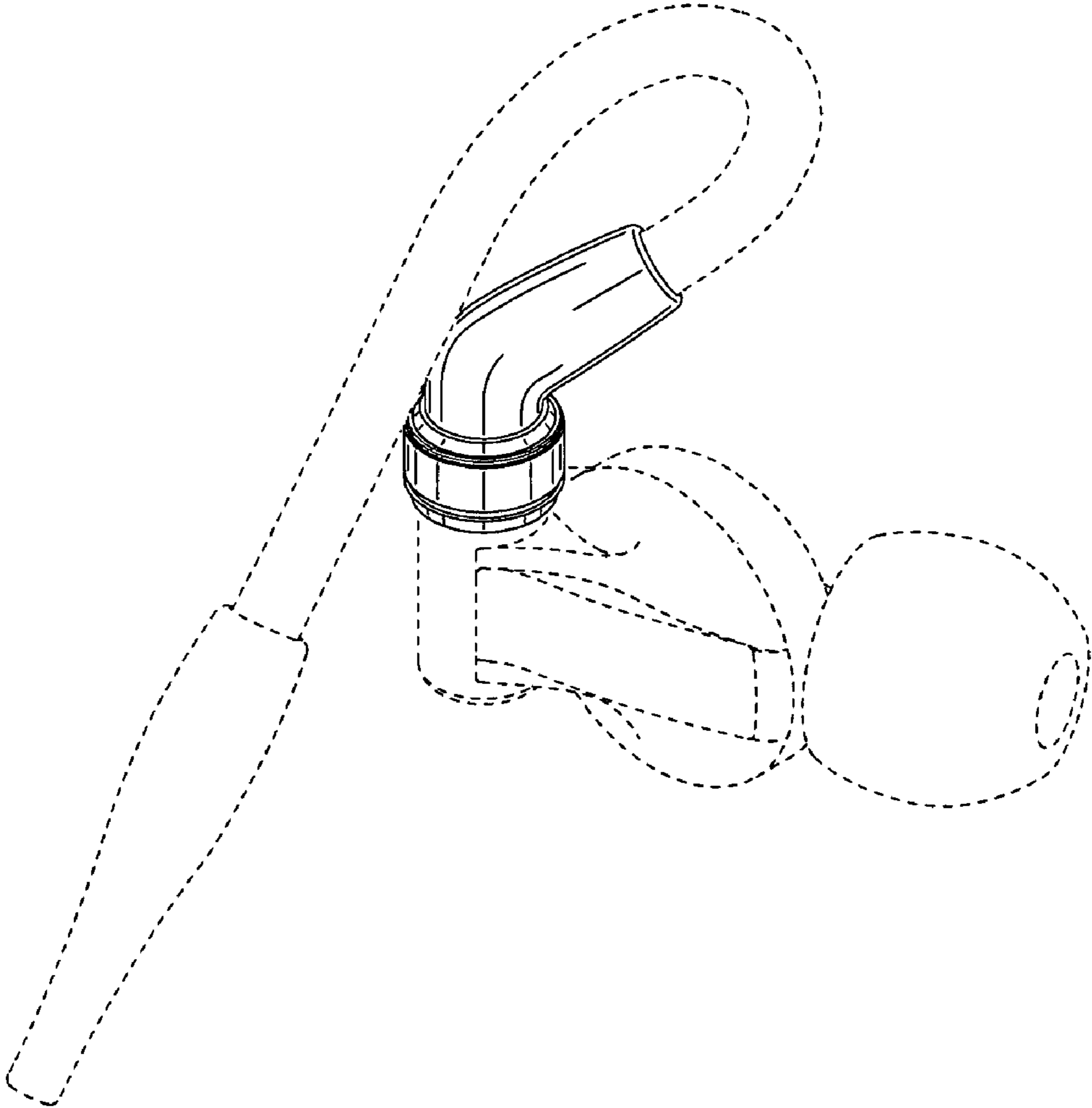


FIG. 18



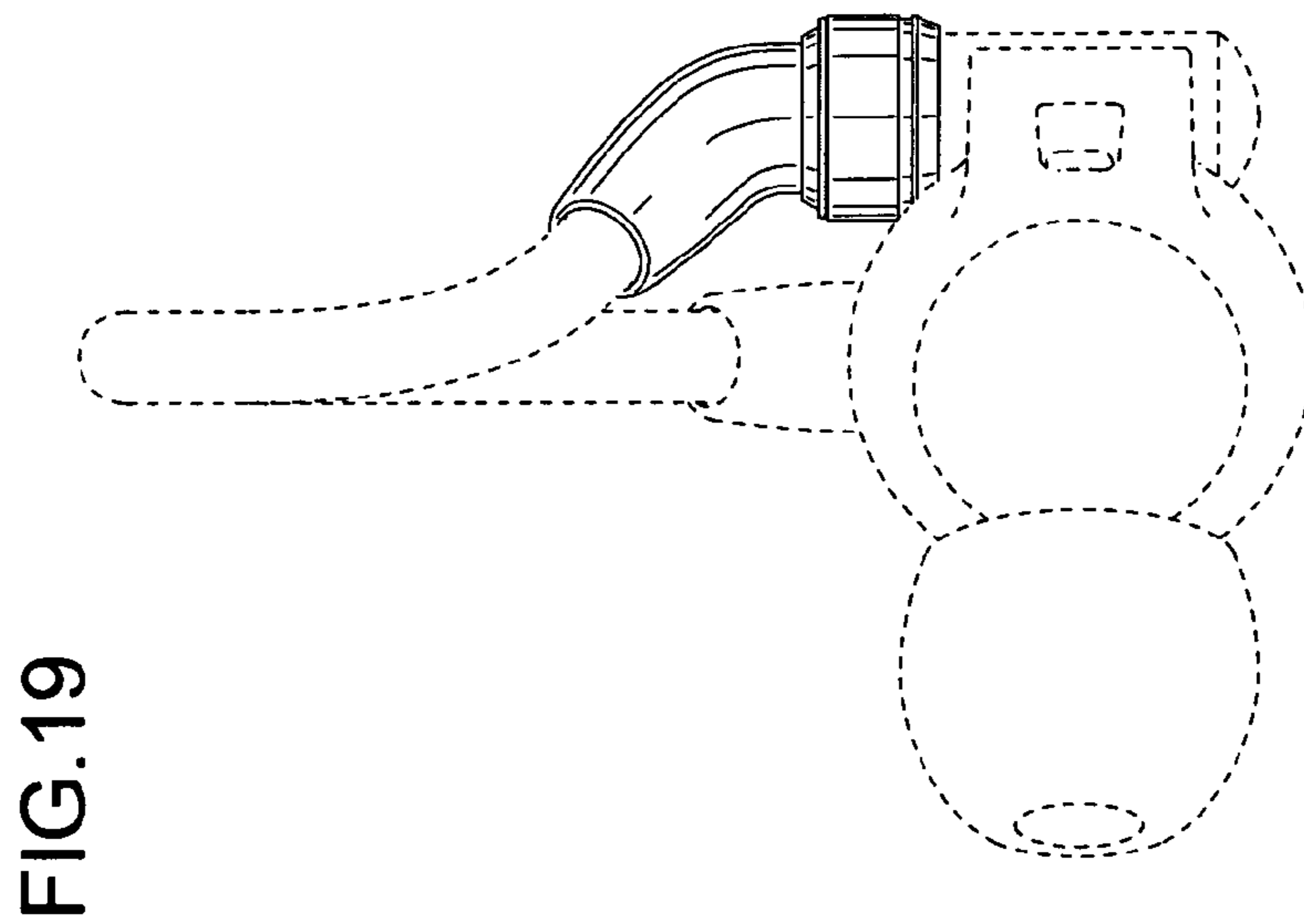
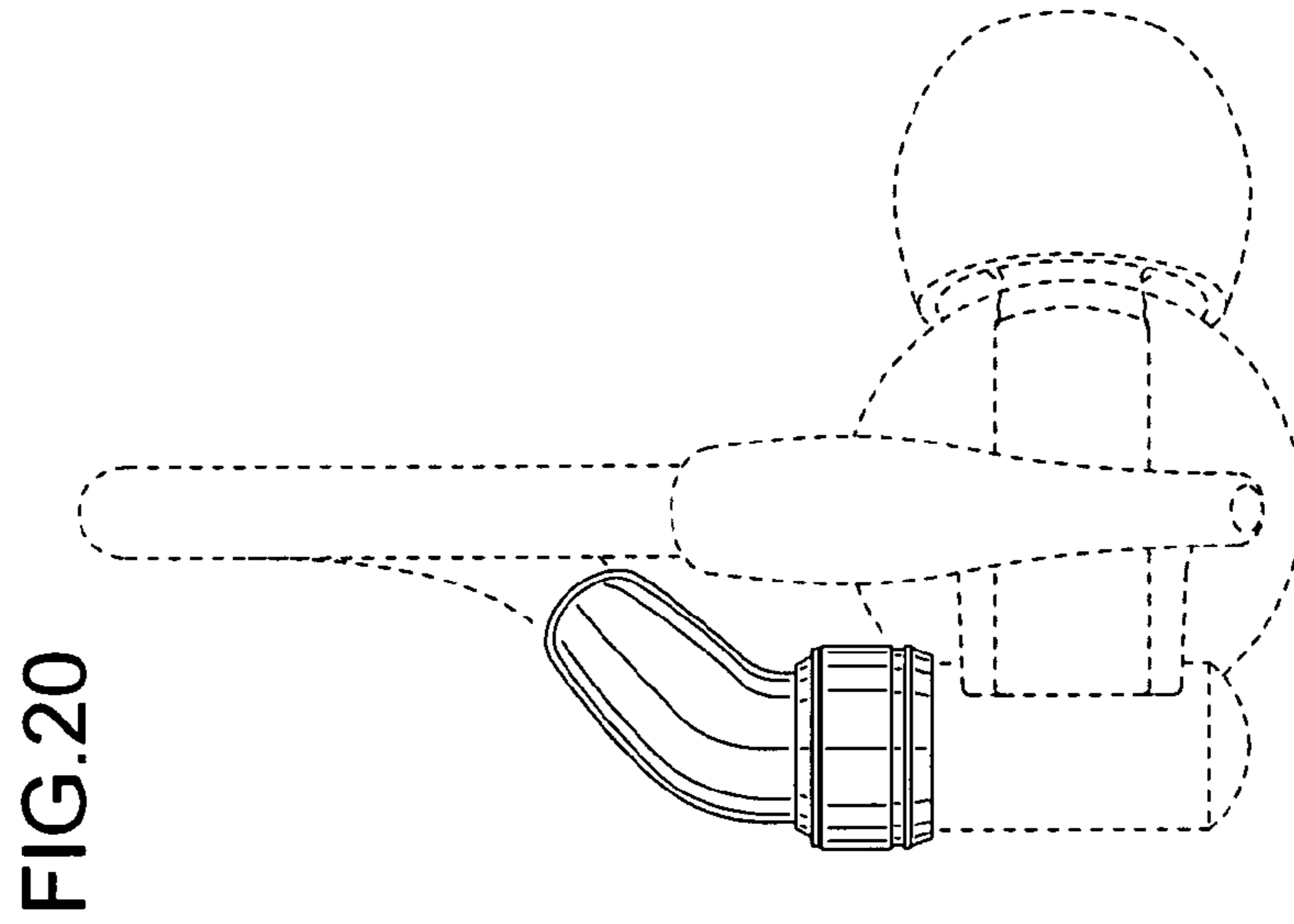


FIG. 19

FIG.21

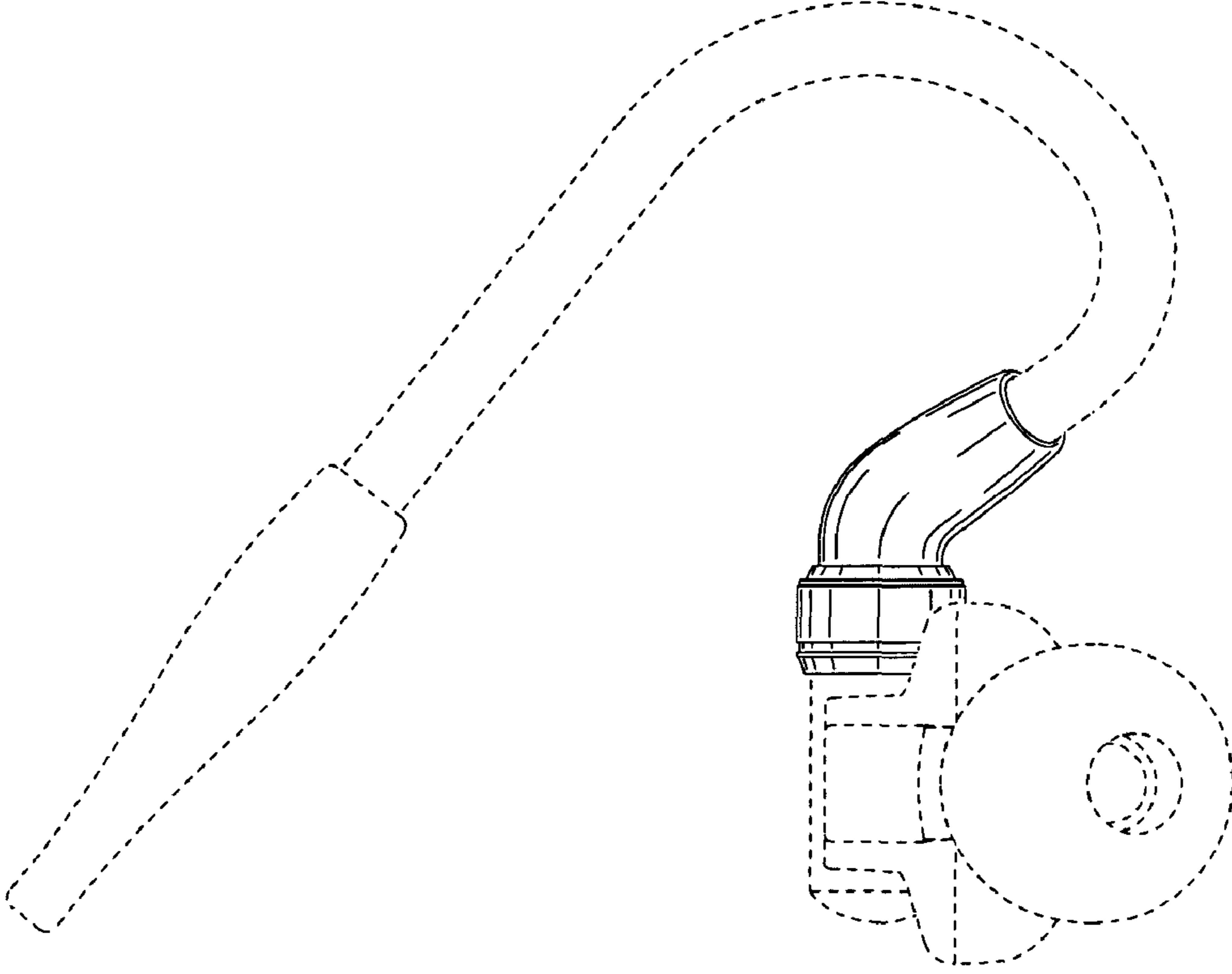
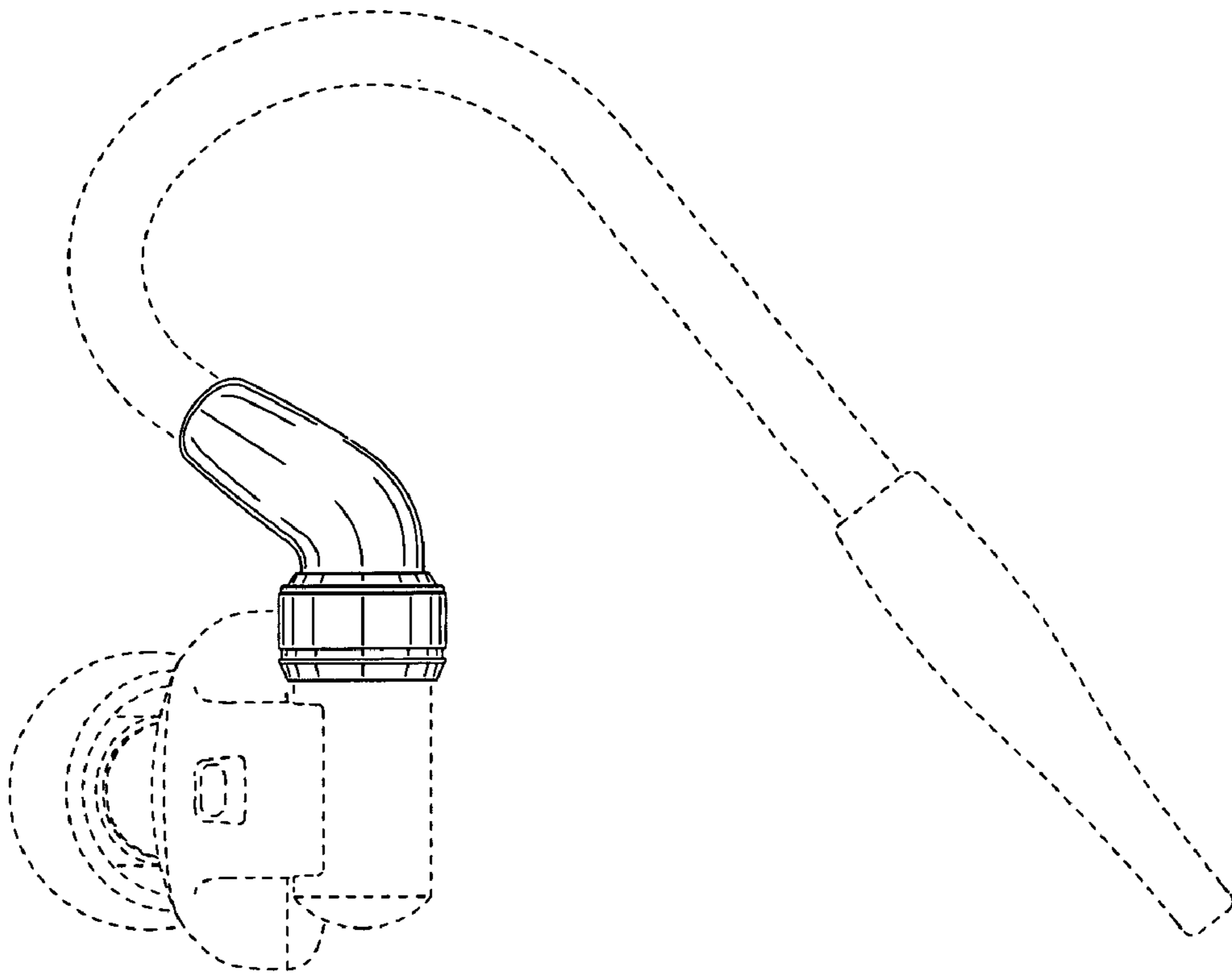


FIG.22



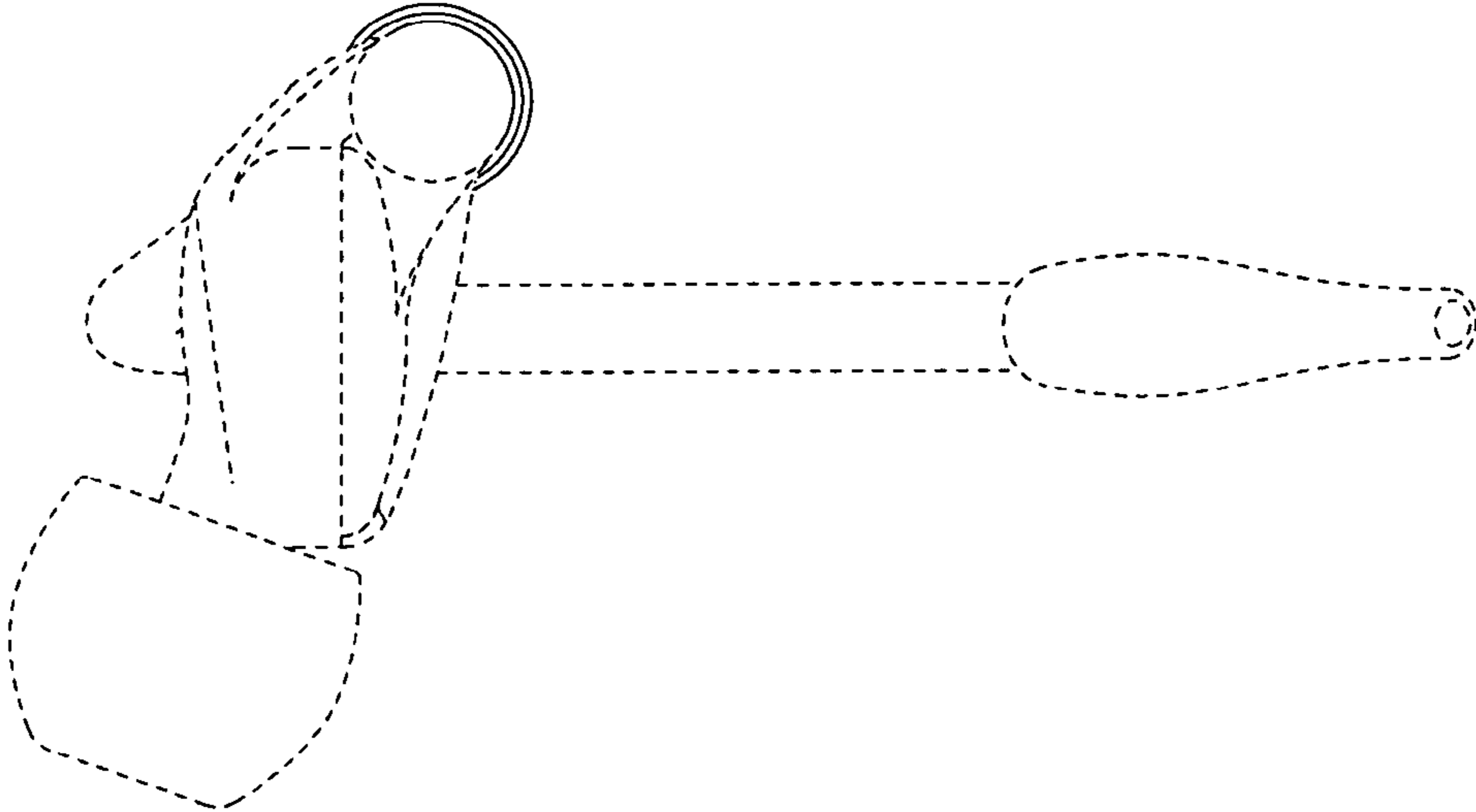


FIG. 24

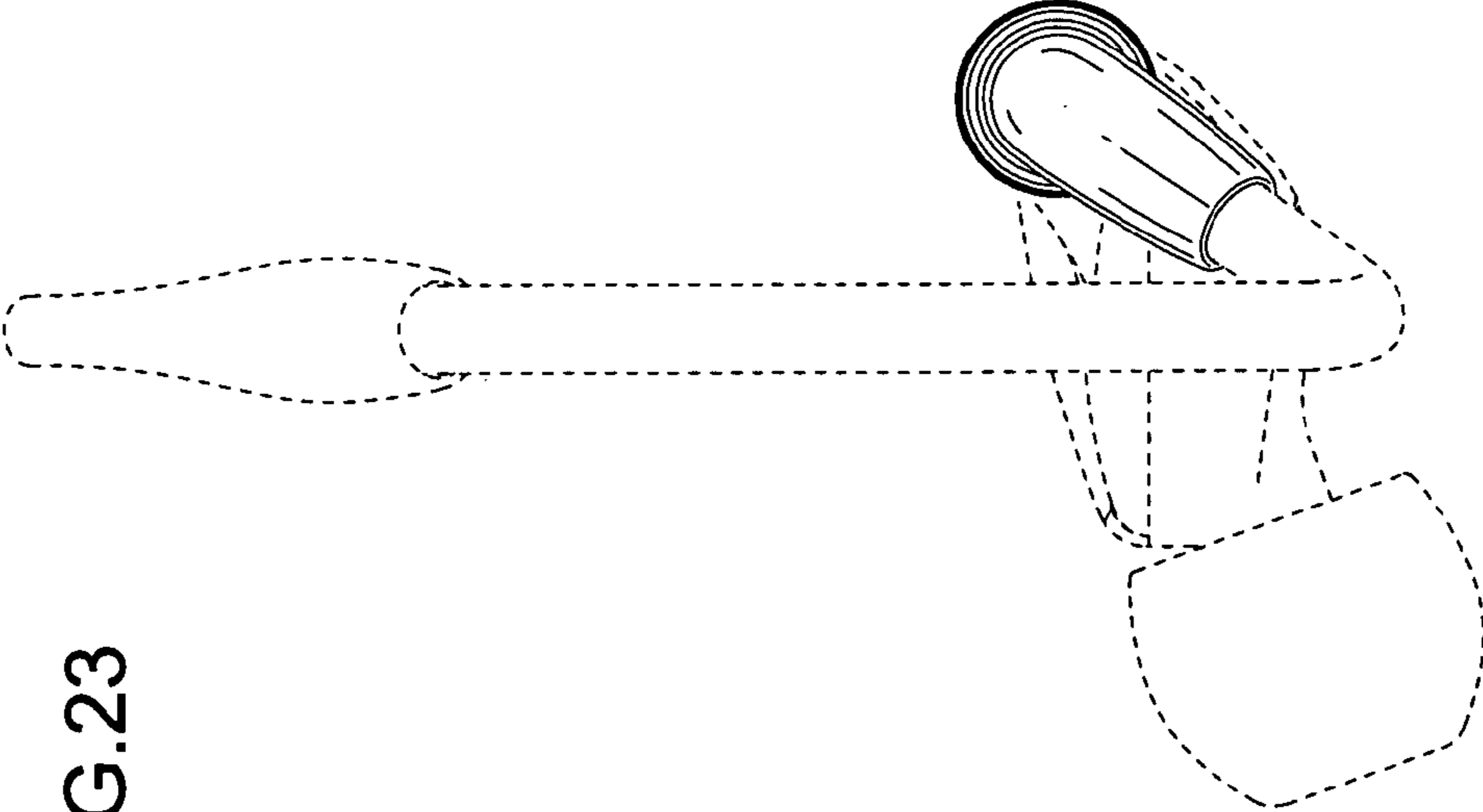


FIG. 23