



US00D789331S

(12) **United States Design Patent**
Paterson

(10) **Patent No.:** **US D789,331 S**
(45) **Date of Patent:** **** Jun. 13, 2017**

- (54) **MICROPHONE BOOM FOR A COMMUNICATIONS HEADSET**
- (71) Applicant: **Plantronics, Inc.**, Santa Cruz, CA (US)
- (72) Inventor: **Nicholas W Paterson**, Santa Cruz, CA (US)
- (73) Assignee: **Plantronics, Inc.**, Santa Cruz, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/547,989**
- (22) Filed: **Dec. 9, 2015**
- (51) **LOC (10) Cl.** **14-01**
- (52) **U.S. Cl.**
USPC **D14/225**
- (58) **Field of Classification Search**
USPC D14/225, 226, 206, 205, 223; 181/129, 181/130, 135, 22; 379/430, 431, 433.01; 381/380, 381, 74, 322, 330, 370, 375, 381/376; 455/90.3, 575.1
CPC H04R 25/00; H04R 1/10; H04R 1/105; H04R 1/1066; H04R 1/1016; H04R 5/033; H04R 5/0335; H04R 1/04; H04R 1/1091; H04R 1/08; H04R 19/04
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS

D179,150 S	11/1956	Norris	
3,101,155 A	8/1963	Hehr et al.	
3,209,080 A	9/1965	Guttner et al.	
3,475,566 A *	10/1969	Bauer	H01H 19/62 381/322
3,491,214 A *	1/1970	Rosemond	H04R 25/48 381/322
3,633,705 A	1/1972	Teder	
4,073,366 A *	2/1978	Estes	G10K 11/002 181/158
D251,234 S *	3/1979	Hakansson	D10/46

(Continued)

FOREIGN PATENT DOCUMENTS

WO WO 00/21333 A1 4/2000

OTHER PUBLICATIONS

Unknown, Looxcie launches First Wearable Camcorder and Social Sharing System, Sep. 15, 2010, Sunnyvale, CA.

(Continued)

Primary Examiner — Paula Greene

(57) **CLAIM**

The ornamental design for a microphone boom for a communications headset, as shown and described.

DESCRIPTION

This application is related to co-pending U.S. Design application Ser. Nos. 29/547,974, titled "Communications Headset," and 29/547,980, titled "Communications Headset," both of which were filed Dec. 9, 2015.

FIG. 1 is a front-right perspective view of a microphone boom for a communications headset showing my new design;

FIG. 2 is a back-left perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a back view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

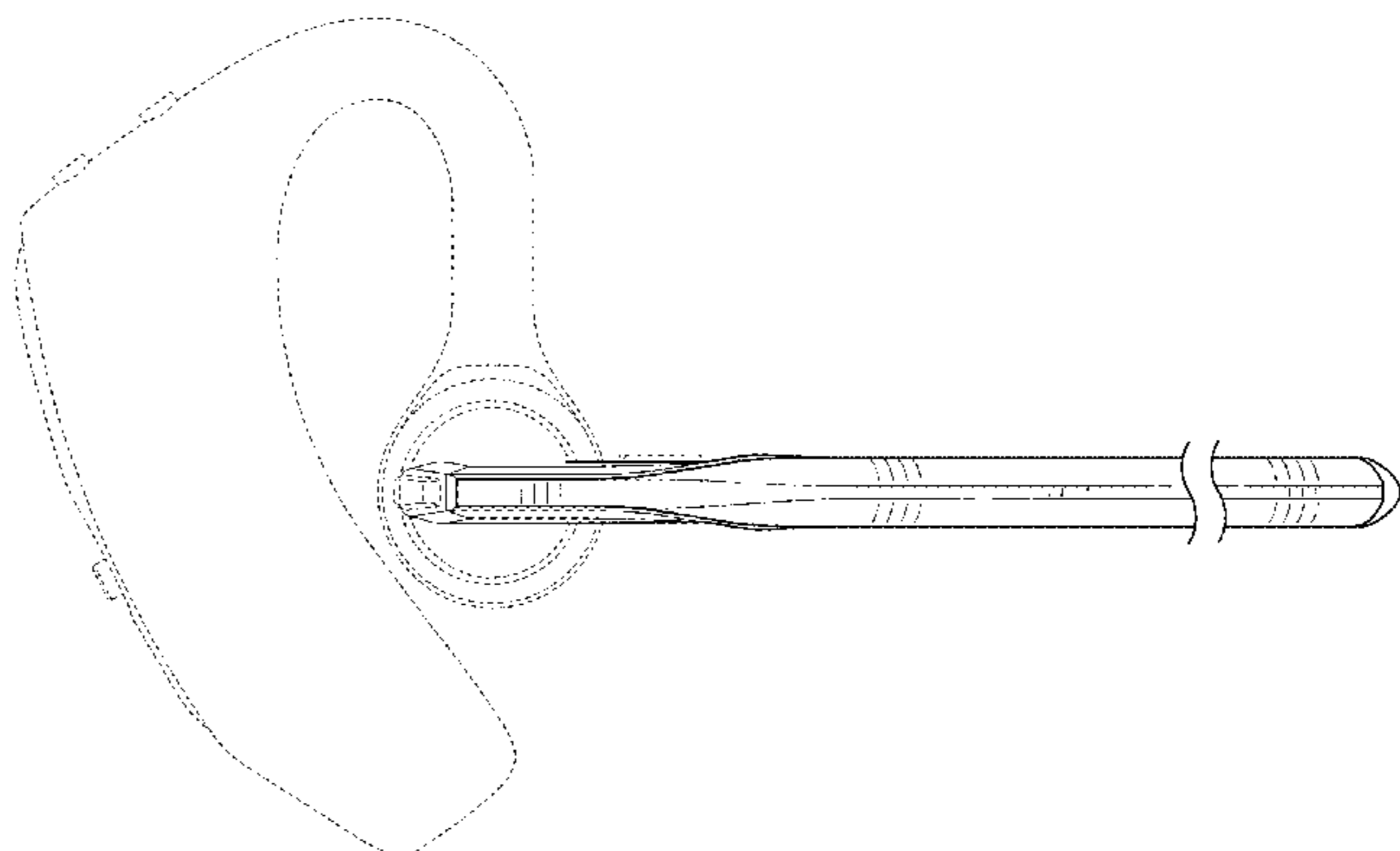
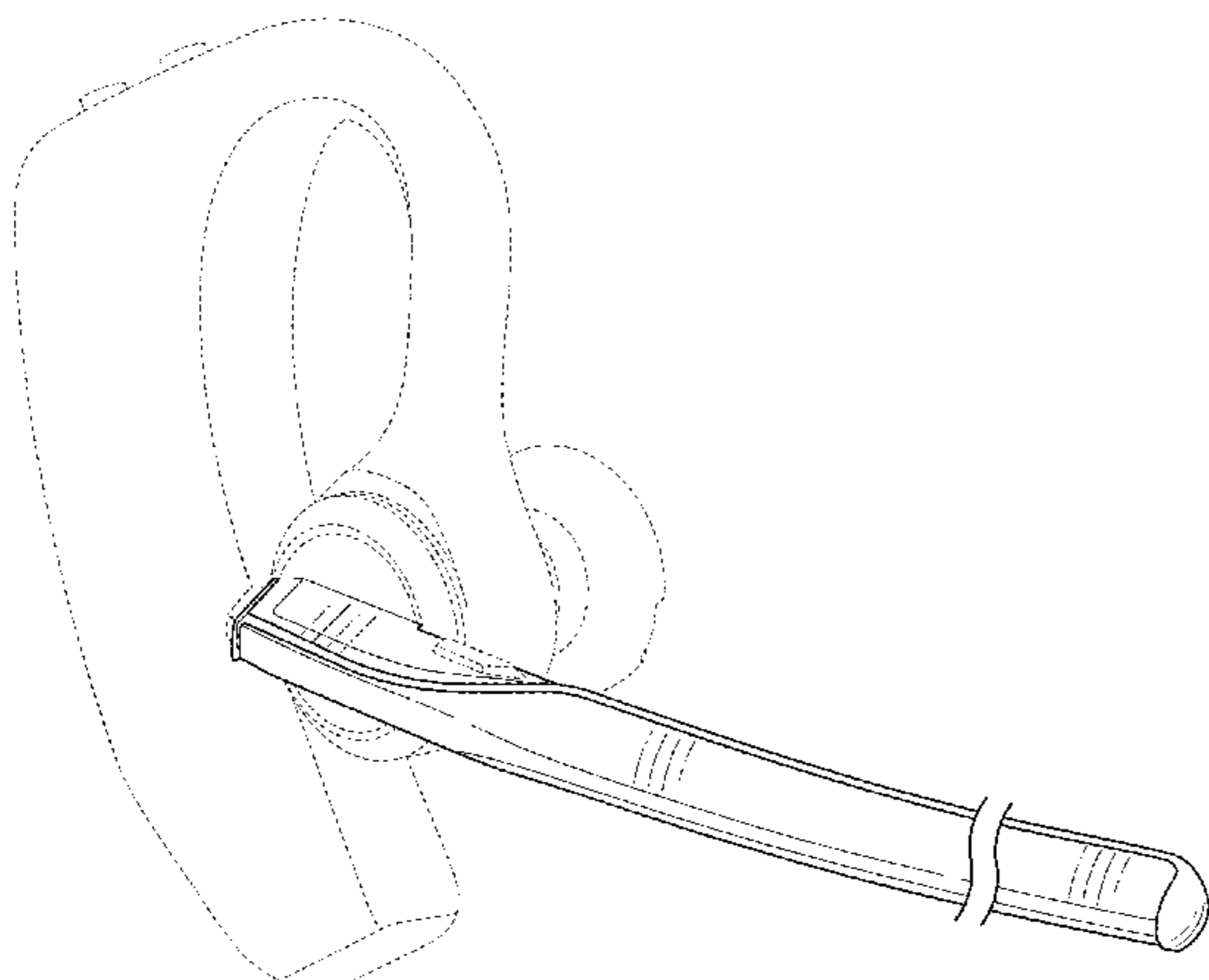
FIG. 7 is a top view thereof; and,

FIG. 8 is a bottom view thereof.

The broken lines showing the unclaimed features form no part of the claimed design.

Further, the microphone boom for a communications headset is shown with symbolic break lines. The appearance of any portion of the article between the break lines forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,381,830 A * 5/1983 Jelonek H04R 25/48
181/129
4,564,955 A * 1/1986 Birch H04R 25/65
381/322
4,617,431 A 10/1986 Scott et al.
4,720,857 A * 1/1988 Burris H04M 1/05
379/430
4,917,504 A 4/1990 Scott et al.
5,134,655 A * 7/1992 Jensen H04M 1/05
379/430
D354,568 S 1/1995 Araki et al.
D384,958 S 10/1997 Shudo
D385,036 S * 10/1997 Nielsen D24/174
5,761,319 A * 6/1998 Dar H04R 25/65
381/322
5,787,166 A * 7/1998 Ullman H04M 1/05
379/430
5,975,235 A * 11/1999 Schlaegel H04R 25/48
181/129
6,097,827 A 8/2000 Yang
D436,348 S * 1/2001 McGugan D14/142
D439,890 S 4/2001 Skulley et al.
D443,603 S 6/2001 Taylor et al.
D447,472 S 9/2001 McGugan
D447,473 S 9/2001 Chuang
D447,743 S 9/2001 Ma
D449,290 S * 10/2001 Taylor D14/206
D451,907 S 12/2001 Amae et al.
D452,857 S 1/2002 Hong
D455,417 S 4/2002 Bey et al.
D457,635 S 5/2002 Dittli et al.
D458,247 S 6/2002 Davies et al.
D463,784 S 10/2002 Taylor et al.
D464,943 S 10/2002 Lai
D464,951 S 10/2002 Skulley et al.
D468,721 S * 1/2003 Nguyen D14/205
D469,081 S 1/2003 Perszyk et al.
D470,121 S * 2/2003 Nguyen D14/205
D470,478 S 2/2003 Kohli et al.
D470,835 S * 2/2003 Bey D14/206
D474,171 S 5/2003 Suzuki
D474,178 S 5/2003 Eroma
6,560,346 B2 5/2003 Ohta et al.
D476,645 S 7/2003 Padala et al.
D477,821 S 7/2003 Bieltvedt et al.
D480,072 S 9/2003 Ham
6,625,293 B1 * 9/2003 Nageno H04R 1/08
181/20
D490,398 S 5/2004 Gwee
D490,399 S 5/2004 Kamo et al.
6,768,804 B1 7/2004 Isvan
6,771,790 B2 8/2004 Liu
D498,227 S 11/2004 Dyer et al.
D504,419 S 4/2005 Bey et al.
D504,673 S 5/2005 Dyer et al.
D504,887 S 5/2005 Skulley
D505,413 S 5/2005 Skulley et al.
D506,258 S 6/2005 Nielsen
D506,462 S 6/2005 Han et al.
D511,156 S 11/2005 Eroma et al.
D512,984 S 12/2005 Ham
D514,086 S * 1/2006 Skulley D14/206
D515,074 S 2/2006 Jacobson et al.
D517,528 S * 3/2006 Skulley D14/206
D518,473 S * 4/2006 Gwee D14/205

D518,479 S * 4/2006 Skulley D14/225
D519,498 S 4/2006 Ham
D520,496 S 5/2006 Gwee
D521,492 S 5/2006 Ham
7,089,042 B2 8/2006 Bodley
7,106,873 B1 9/2006 Harrison et al.
D530,307 S * 10/2006 Rath D14/206
D531,165 S * 10/2006 Rath D14/206
D535,980 S 1/2007 Bentley et al.
D537,815 S 3/2007 Bentley et al.
D539,266 S 3/2007 Bentley et al.
D540,303 S * 4/2007 Rausch D14/205
D541,256 S * 4/2007 Rausch D14/205
D541,787 S 5/2007 Ma
D555,153 S * 11/2007 Wilson D14/223
D581,900 S 12/2008 Caddes et al.
D584,719 S 1/2009 Brennwald
D601,543 S * 10/2009 Bentley D14/206
D602,001 S * 10/2009 Bentley D14/206
D603,372 S 11/2009 Bentley
D612,834 S 3/2010 Yang et al.
D612,835 S 3/2010 Yang et al.
D612,840 S 3/2010 Yang et al.
D643,405 S * 8/2011 Rath D14/206
D645,023 S * 9/2011 Brandis D14/206
D647,877 S 11/2011 Son
8,061,473 B1 * 11/2011 Kerr A61F 11/008
181/135
D653,649 S * 2/2012 Yang D14/206
D654,472 S * 2/2012 Fischer D14/206
D657,347 S 4/2012 Chung et al.
D670,267 S 11/2012 Maddern
D671,316 S * 11/2012 Kritzler D3/279
D671,915 S 12/2012 Birger
D681,002 S 4/2013 Ham et al.
D681,003 S 4/2013 Ham et al.
D681,004 S * 4/2013 Kelley D14/206
D681,014 S * 4/2013 Ham D14/206
8,437,860 B1 * 5/2013 Crawford H04R 25/60
607/1
D684,145 S * 6/2013 Rath D14/206
D691,111 S * 10/2013 Lee D14/206
RE44,672 E 12/2013 Yang et al.
RE45,056 E 8/2014 Yang et al.
D717,771 S * 11/2014 Harper D14/223
D724,562 S * 3/2015 Sparks D14/206
D726,147 S * 4/2015 Tran D14/206
D750,043 S * 2/2016 Birger D14/206
9,307,311 B2 * 4/2016 Tran H04R 1/10
2004/0052389 A1 * 3/2004 Berg H04M 1/6066
381/315
2004/0062410 A1 * 4/2004 Wagner H04R 25/65
381/330
2005/0259812 A1 * 11/2005 Chen H04M 1/6066
379/431
2011/0194721 A1 * 8/2011 Schmidt H04R 1/1066
381/370
2013/0322646 A1 * 12/2013 Davie H04R 1/1041
381/74

OTHER PUBLICATIONS

Nokia Design Registration No. 23677, Application No. 20030252,
Publication Date: Jun. 15, 2004.
Sennheiser Communications, MX 100 Headset Instruction Manual,
May 2005, pp. 1, 6-17, 148, China.

* cited by examiner

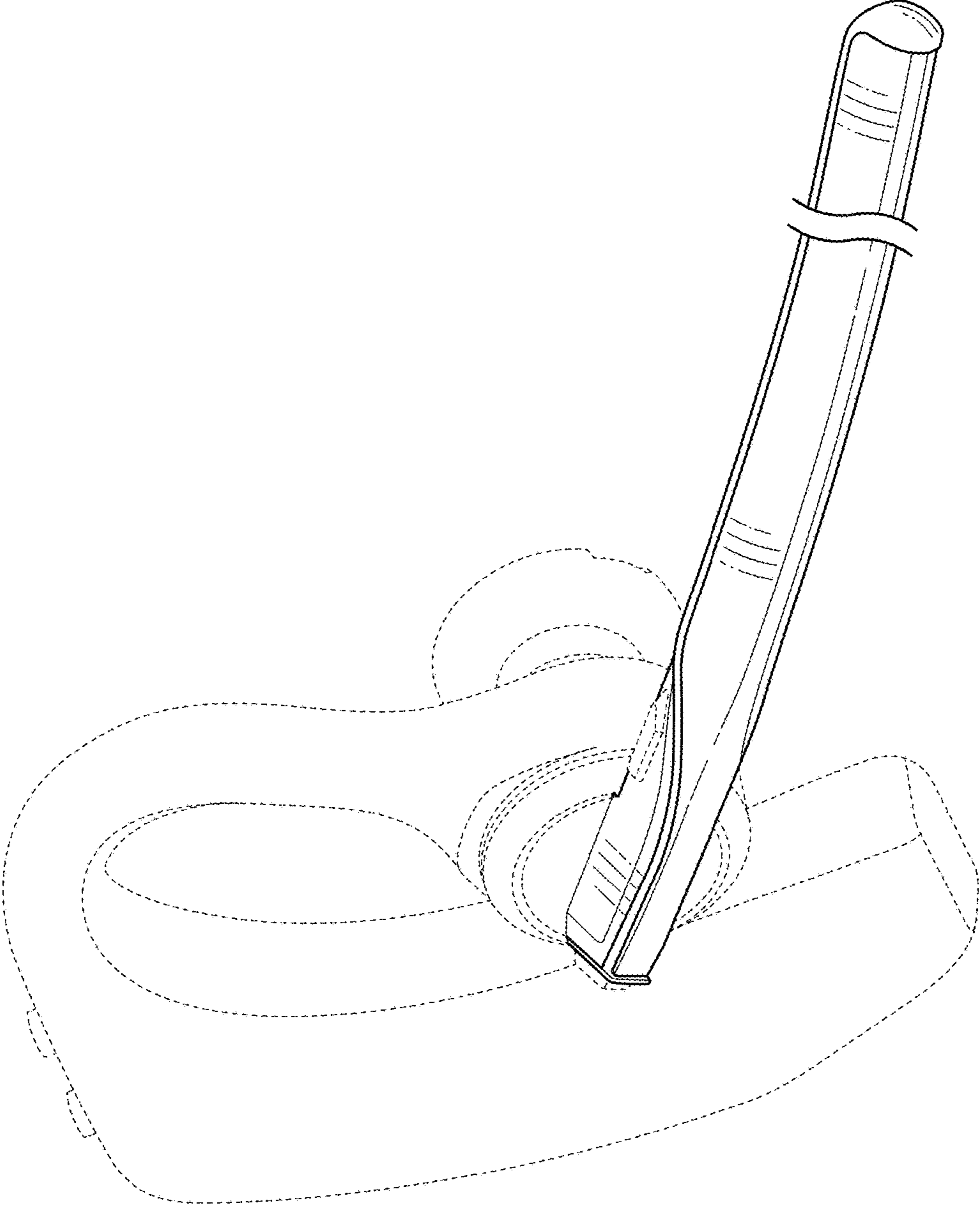


FIG. 1

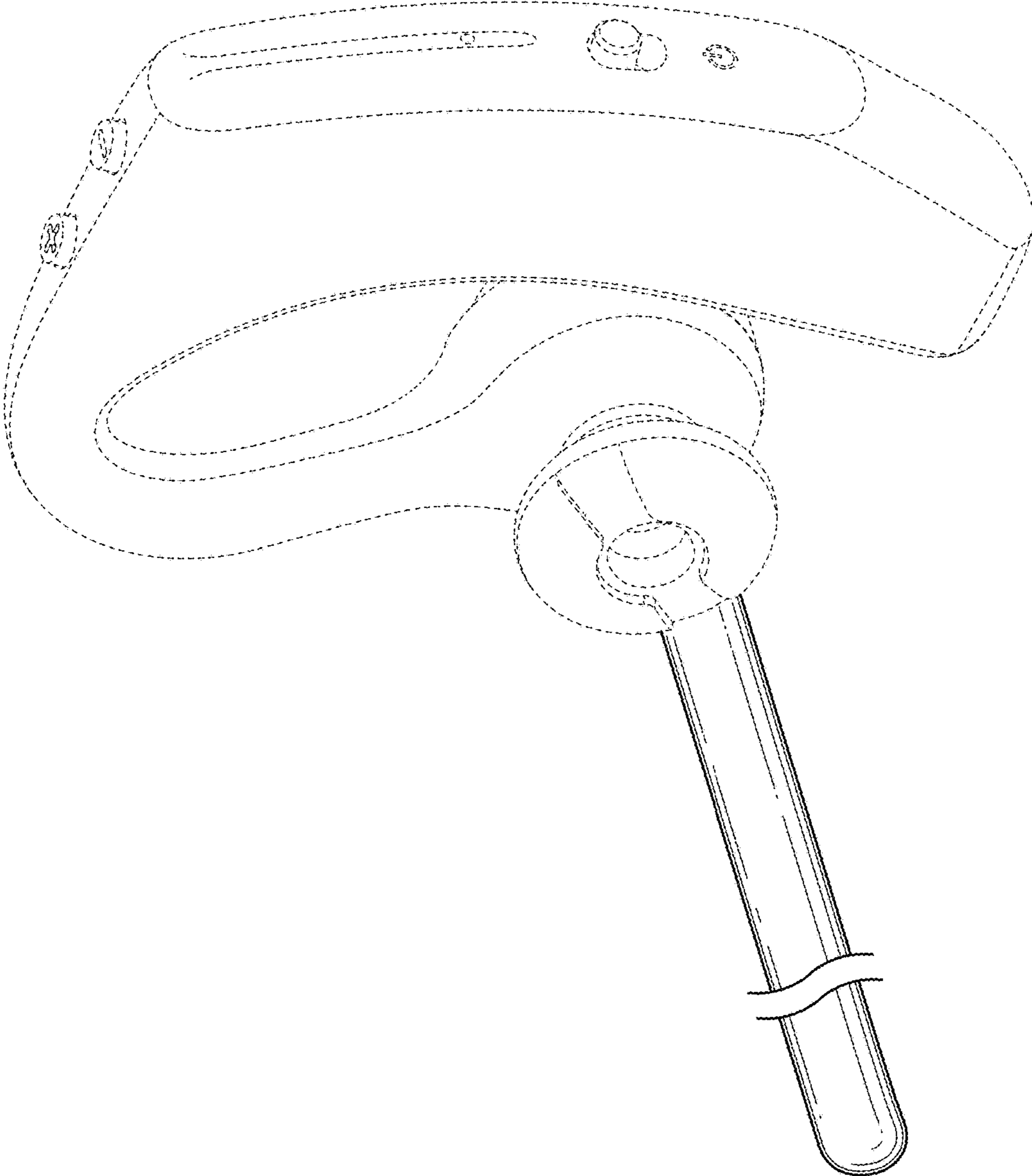


FIG. 2

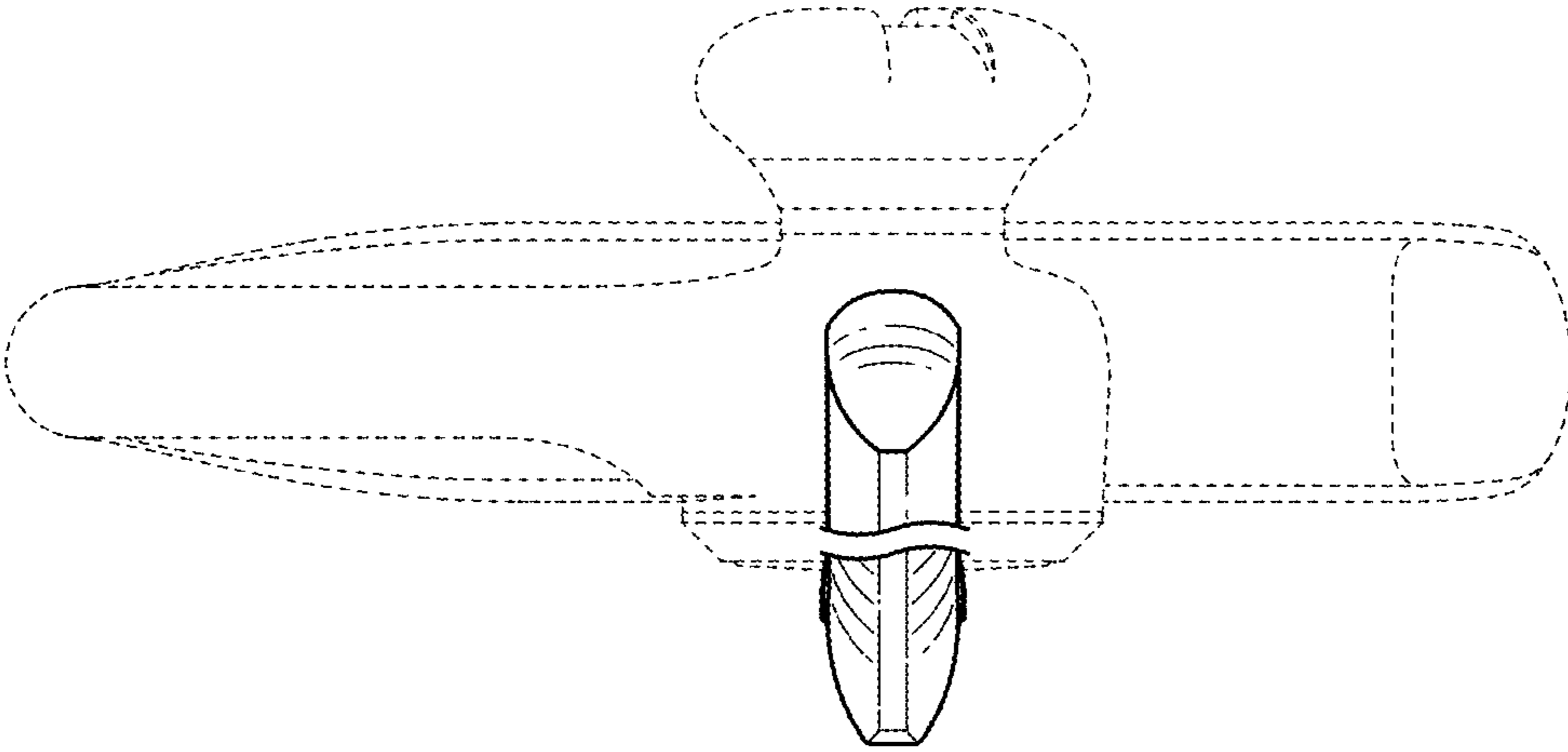


FIG. 3

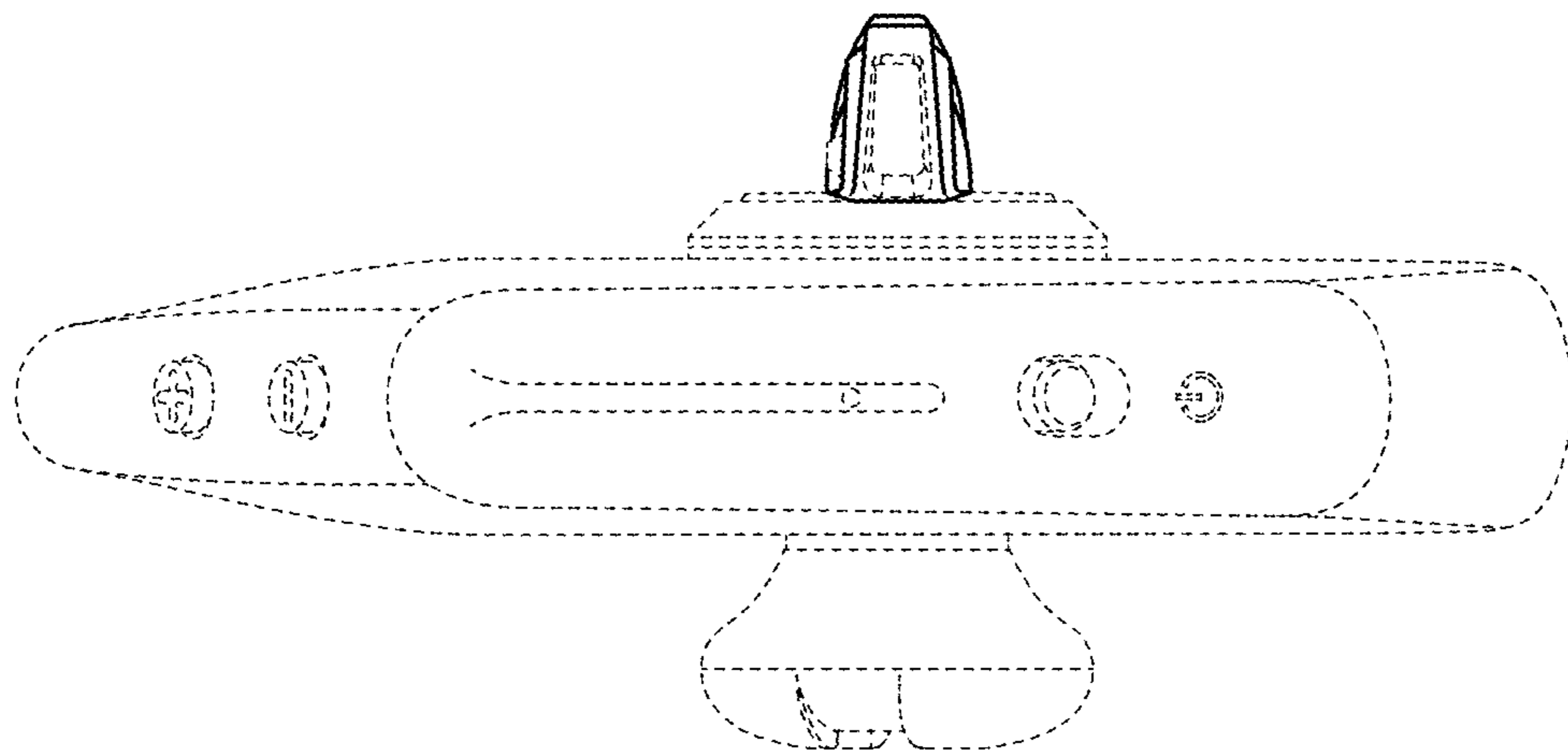


FIG. 4

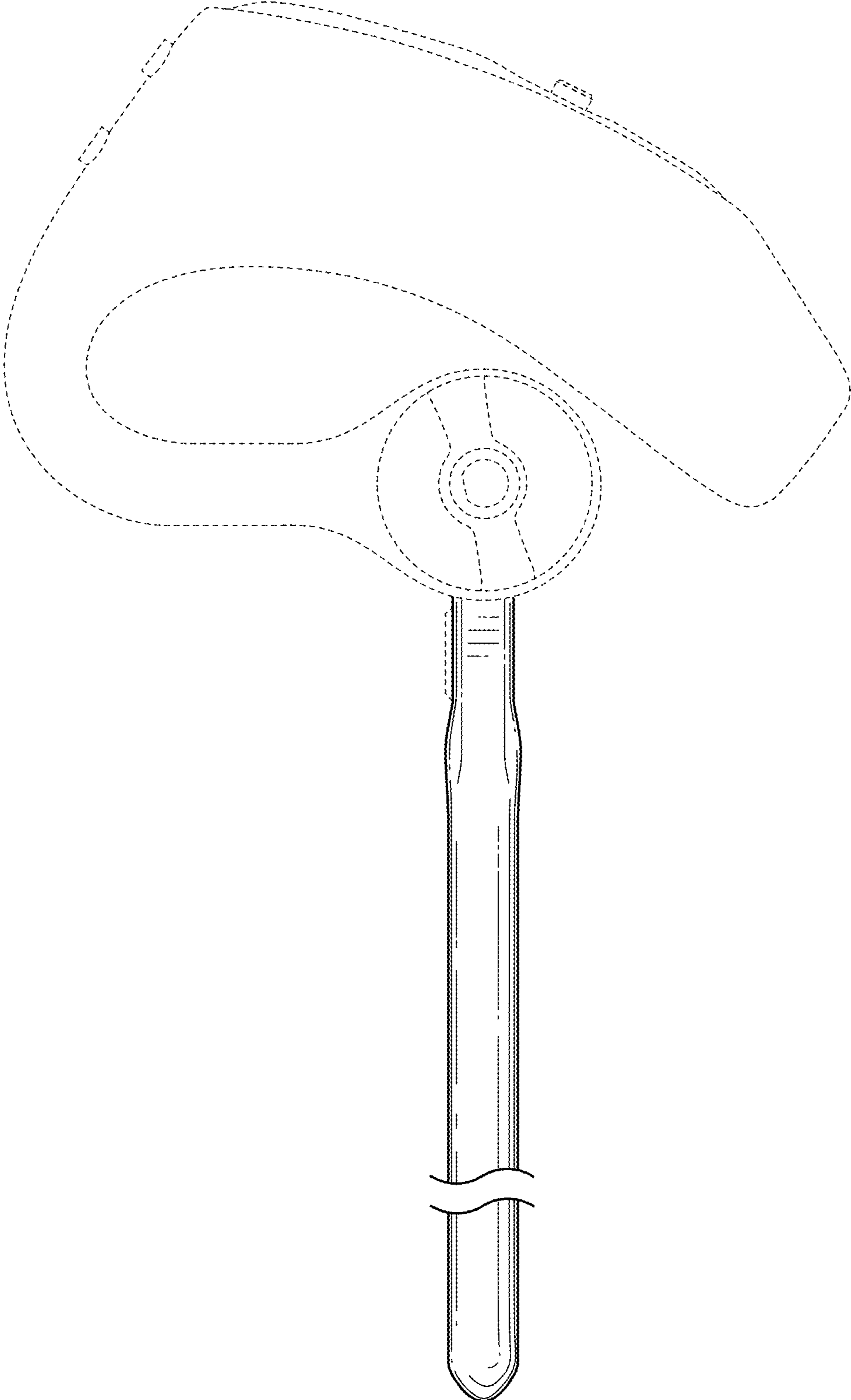


FIG. 5

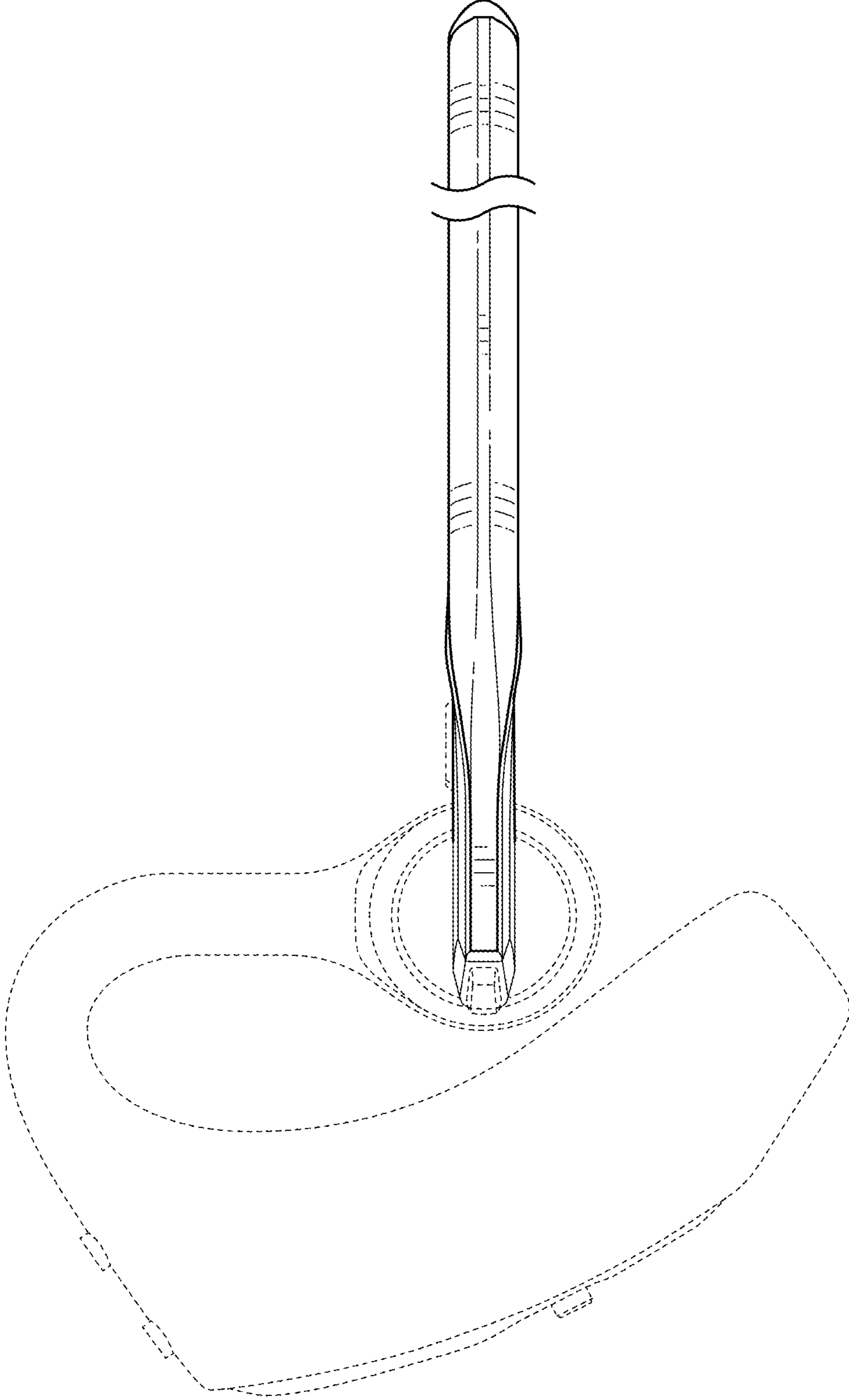


FIG. 6

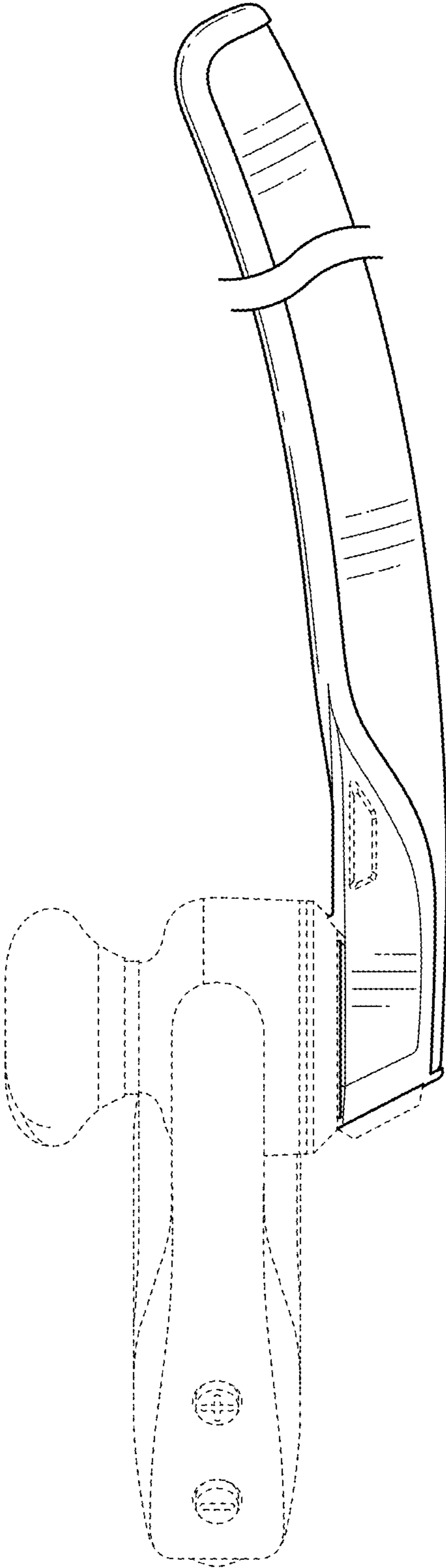


FIG. 7

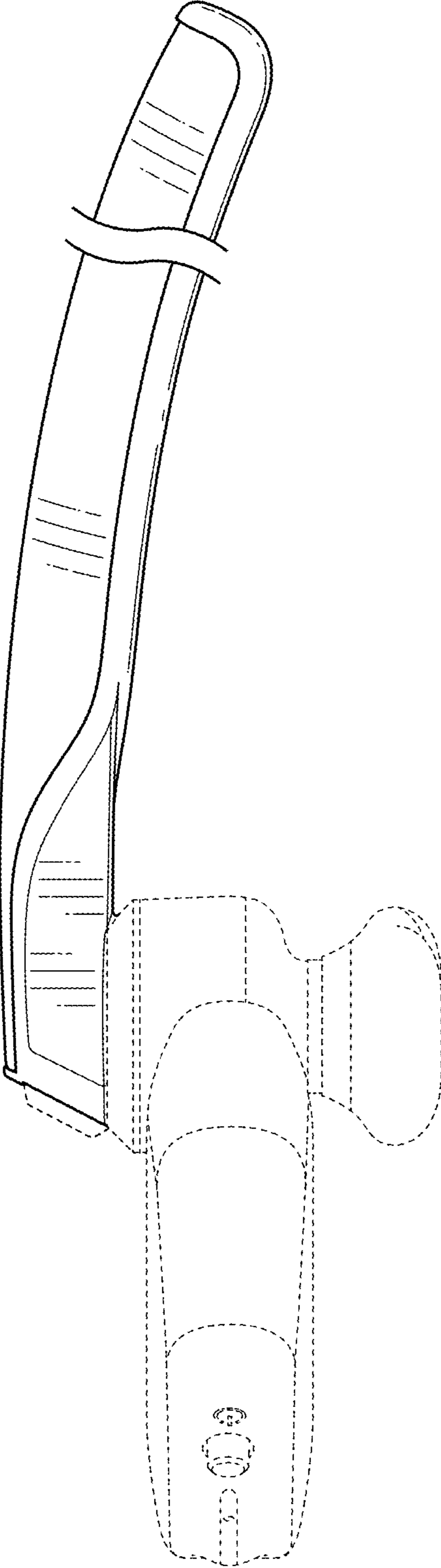


FIG. 8