



US00D874431S

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

(10) **Patent No.:** **US D874,431 S**
(45) **Date of Patent:** **** Feb. 4, 2020**

- (54) **HEADSET WITH BOOM MICROPHONE**
- (71) Applicant: **Bose Corporation**, Framingham, MA (US)
- (72) Inventors: **Paul C. Williamson**, Worcester, MA (US); **Mark Schoolmeester**, Grand Rapids, MI (US); **David J. Fustino**, Worcester, MA (US)
- (73) Assignee: **Bose Corporation**, Framingham, MA (US)

3,863,028 A	1/1975	Fixler	
4,039,765 A *	8/1977	Tichy	H04M 1/05 379/430
4,110,583 A	8/1978	Lepper	
4,484,029 A *	11/1984	Kenney	H04M 1/6066 379/430
D286,772 S	11/1986	Pope	
4,821,318 A	4/1989	Wu	
D302,429 S *	7/1989	Leer	D14/137
4,926,961 A	5/1990	Gathey et al.	
5,003,589 A	3/1991	Chen	
D323,167 S	1/1992	Yamazaki et al.	

(Continued)

- (**) Term: **15 Years**
- (21) Appl. No.: **29/650,567**
- (22) Filed: **Jun. 7, 2018**

FOREIGN PATENT DOCUMENTS

WO	D098154-001	* 10/2017
WO	D098154-002	* 10/2017

Primary Examiner — Paula Allen Greene

Related U.S. Application Data

- (62) Division of application No. 29/600,678, filed on Apr. 14, 2017, now Pat. No. Des. 847,779.
- (51) **LOC (12) Cl.** **14-01**
- (52) **U.S. Cl.**
USPC **D14/206**; D14/226
- (58) **Field of Classification Search**
USPC D14/206, 205, 223, 372; D29/112;
2/209; 181/129, 130, 135; 379/430, 431;
381/380, 381, 374; 455/90.3, 575.1,
455/569.1
CPC H04R 1/10; H04R 25/00; H04R 1/1066;
H04R 1/1016; H04R 5/033; H04R
5/0335; H04R 1/105
See application file for complete search history.

(57) **CLAIM**

The ornamental design for headset with boom microphone, substantially as shown and described.

DESCRIPTION

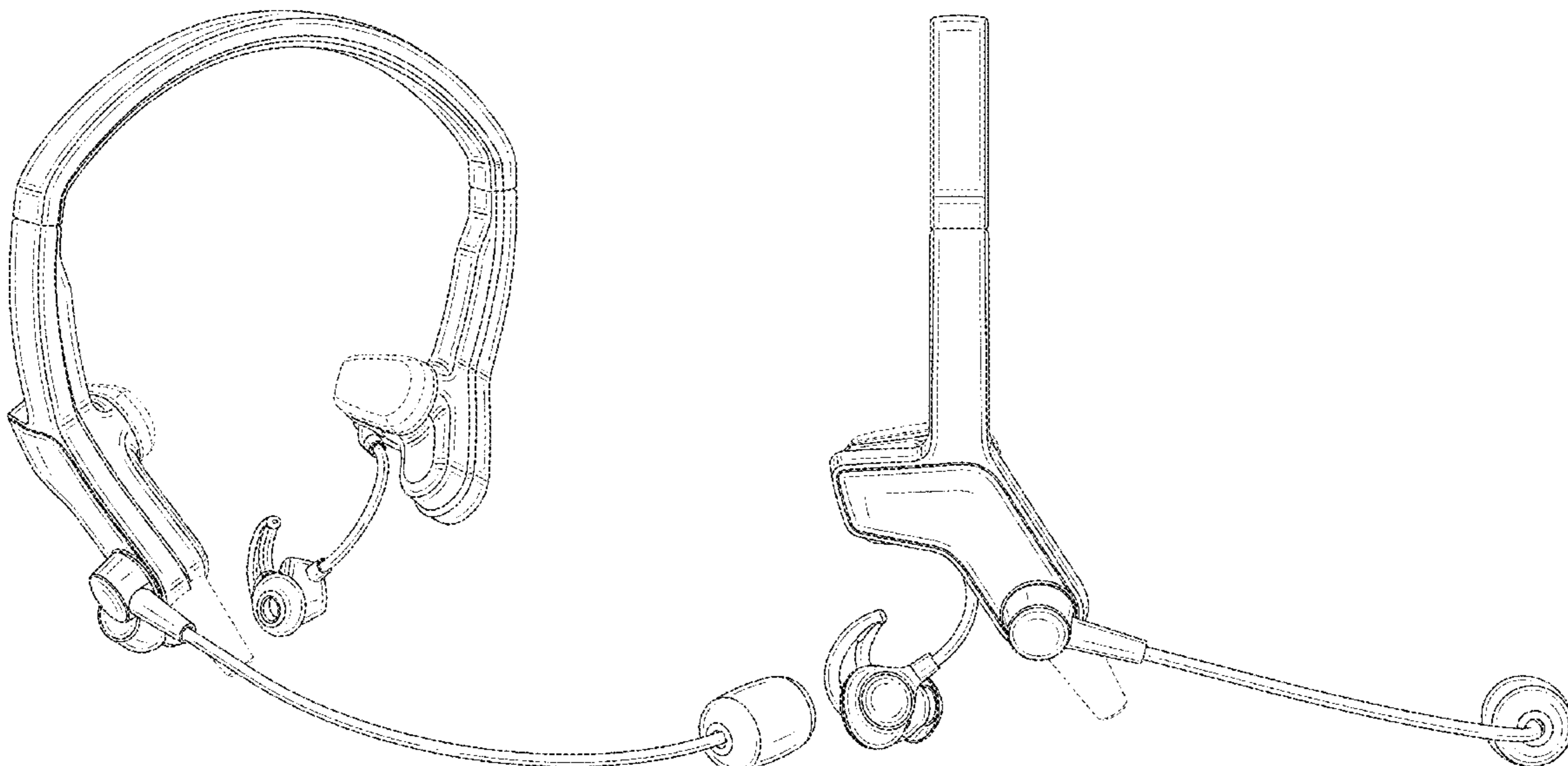
FIG. 1 is a front and right side perspective view of a headset with boom microphone showing our new design, a headset with boom microphone where the boom microphone is connected to the left side housing is a mirror image;
 FIG. 2 is a front view thereof;
 FIG. 3 is a left side view thereof;
 FIG. 4 is a back view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a top view thereof; and,
 FIG. 7 is a bottom view thereof.
 FIGS. 1-7 show a headset with a boom microphone connected to the right-side housing.
 The dotted line portions of the drawings represent environmental structure only and do not form part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,891,116 A	6/1959	Nichols
3,862,378 A	1/1975	Norris

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,113,428 A 5/1992 Fitzgerald
 D331,408 S 12/1992 Ellermeier
 D337,116 S 7/1993 Hattori
 D340,033 S 10/1993 Okumura et al.
 D342,947 S 1/1994 Totsuka
 D346,380 S 4/1994 Fitzgerald
 D352,036 S 11/1994 Sekita
 5,446,788 A 8/1995 Lucey et al.
 D368,716 S 4/1996 Shudo
 D368,719 S * 4/1996 Luther D14/227
 D394,058 S 5/1998 Fitzgerald
 D394,436 S 5/1998 Hall et al.
 5,794,127 A 8/1998 Lansang
 D409,614 S 5/1999 Carlton
 6,038,312 A 3/2000 Bromley
 D449,290 S 10/2001 Taylor et al.
 6,625,293 B1 * 9/2003 Nageno H04R 1/08
 181/20
 D492,941 S 7/2004 Komiyama
 D502,463 S 3/2005 Bhakta
 7,010,139 B1 3/2006 Smeehuyzen
 D533,865 S * 12/2006 Wittenbrock D14/206
 D538,269 S 3/2007 Tragatschnig
 D557,685 S 12/2007 Lee
 D560,206 S 1/2008 Hermansen
 D566,688 S 4/2008 Wang
 D576,149 S 9/2008 Malik et al.
 D578,508 S * 10/2008 Wang D14/206
 D587,679 S 3/2009 Komiyama
 D587,680 S 3/2009 Komiyama
 D590,810 S 4/2009 Komiyama
 D602,002 S 10/2009 Asai
 D604,269 S 11/2009 Choe
 D617,769 S 6/2010 Birger
 D617,781 S 6/2010 Kallas et al.
 D633,471 S 3/2011 Sugiyama
 D641,725 S 7/2011 Chong et al.
 D645,458 S 9/2011 Silvestri et al.
 D656,480 S 3/2012 McManigal et al.
 D666,579 S 9/2012 Hou
 8,331,593 B2 * 12/2012 Slemming H04R 25/656
 381/318
 D686,191 S 7/2013 Schaal et al.
 D686,593 S 7/2013 Larsen
 D690,680 S 10/2013 McManigal
 D697,495 S 1/2014 Lian

D707,199 S * 6/2014 Cepass H04R 1/10
 D14/205
 D713,374 S 9/2014 Farrage
 D721,673 S 1/2015 Park et al.
 8,942,404 B1 1/2015 Serota
 8,952,889 B2 2/2015 Jacobsen et al.
 9,036,849 B2 * 5/2015 Thompson H04R 1/083
 381/122
 D732,002 S 6/2015 Goransson
 D734,745 S 7/2015 Tatkon-Coker et al.
 D746,791 S 1/2016 Yuen
 D756,958 S * 5/2016 Lee D14/205
 D756,959 S 5/2016 Lee et al.
 D757,683 S * 5/2016 Glezerman D14/206
 D761,770 S * 7/2016 Kanou D14/206
 D762,617 S 8/2016 Park et al.
 D763,228 S 8/2016 Carr
 D763,822 S 8/2016 Lee et al.
 D766,210 S 9/2016 Graylin et al.
 D772,845 S 11/2016 Lim et al.
 D777,136 S 1/2017 Erbeus
 D777,137 S 1/2017 Erbeus
 D806,053 S 12/2017 Lee
 D810,719 S 2/2018 Nagamine et al.
 D813,194 S 3/2018 Loh et al.
 D822,646 S 7/2018 Dang et al.
 D829,190 S * 9/2018 Bullen D14/205
 D832,819 S 11/2018 Park et al.
 D833,997 S 11/2018 Ando et al.
 D833,998 S 11/2018 Park et al.
 10,187,718 B2 * 1/2019 Andrikowich H04R 1/105
 D840,972 S * 2/2019 Luo D14/205
 D843,347 S * 3/2019 Bryant D14/206
 D847,779 S * 5/2019 Williamson D14/205
 D850,060 S * 6/2019 Greenblat D2/717
 D851,623 S * 6/2019 Zhang D14/205
 2005/0201569 A1 * 9/2005 Kuraoka H04M 1/0289
 381/74
 2009/0209205 A1 8/2009 Kramer et al.
 2009/0274335 A1 11/2009 Cheung et al.
 2013/0329903 A1 12/2013 Ting
 2014/0185837 A1 * 7/2014 Kunimoto H04R 1/1075
 381/151
 2015/0195640 A1 7/2015 Essabar et al.
 2016/0050487 A1 2/2016 Kim
 2016/0261946 A1 * 9/2016 Chen H04R 1/1016
 2017/0272852 A1 9/2017 Kamada et al.
 2017/0311072 A1 10/2017 Seo et al.

* cited by examiner

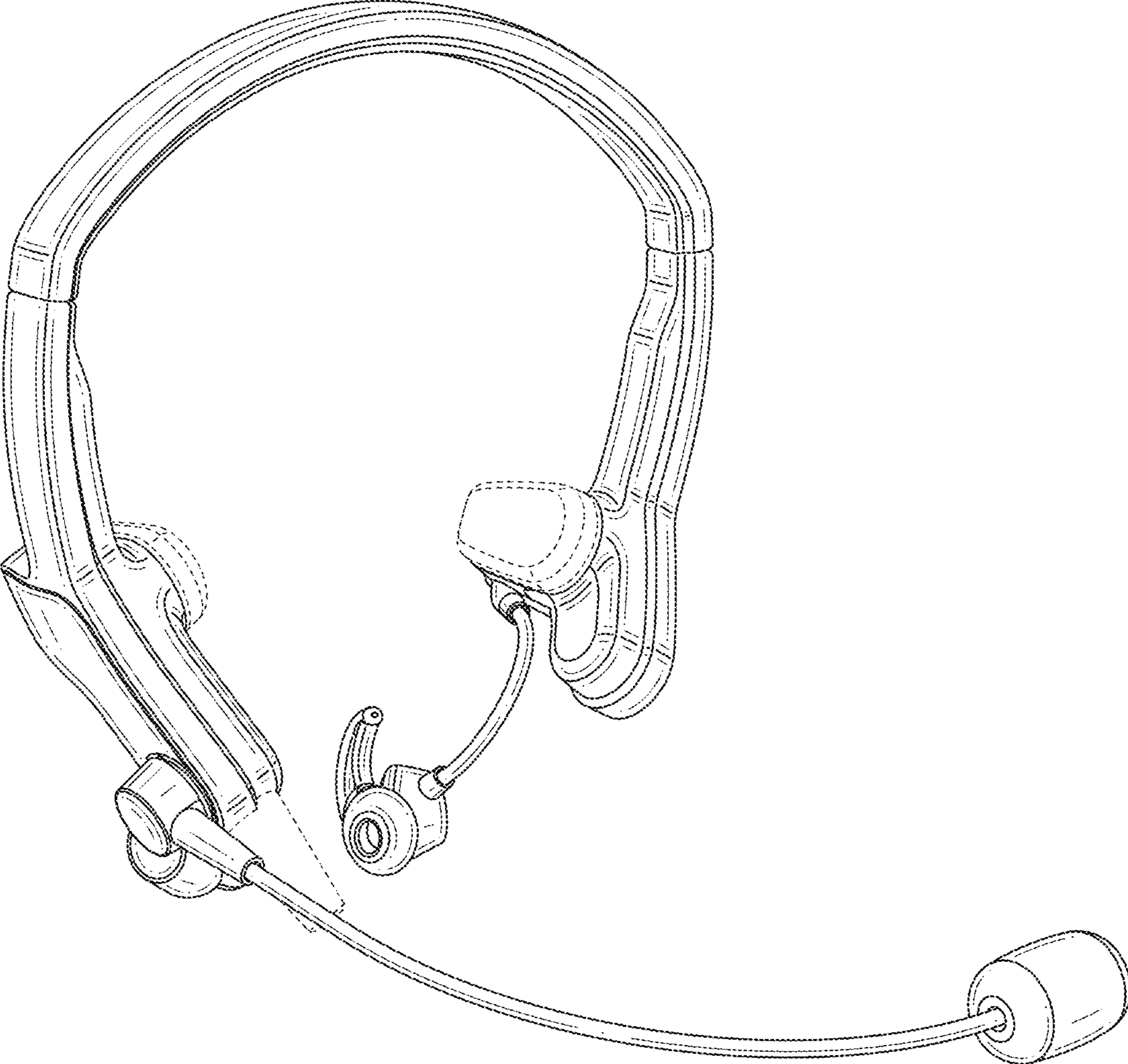


FIG. 1

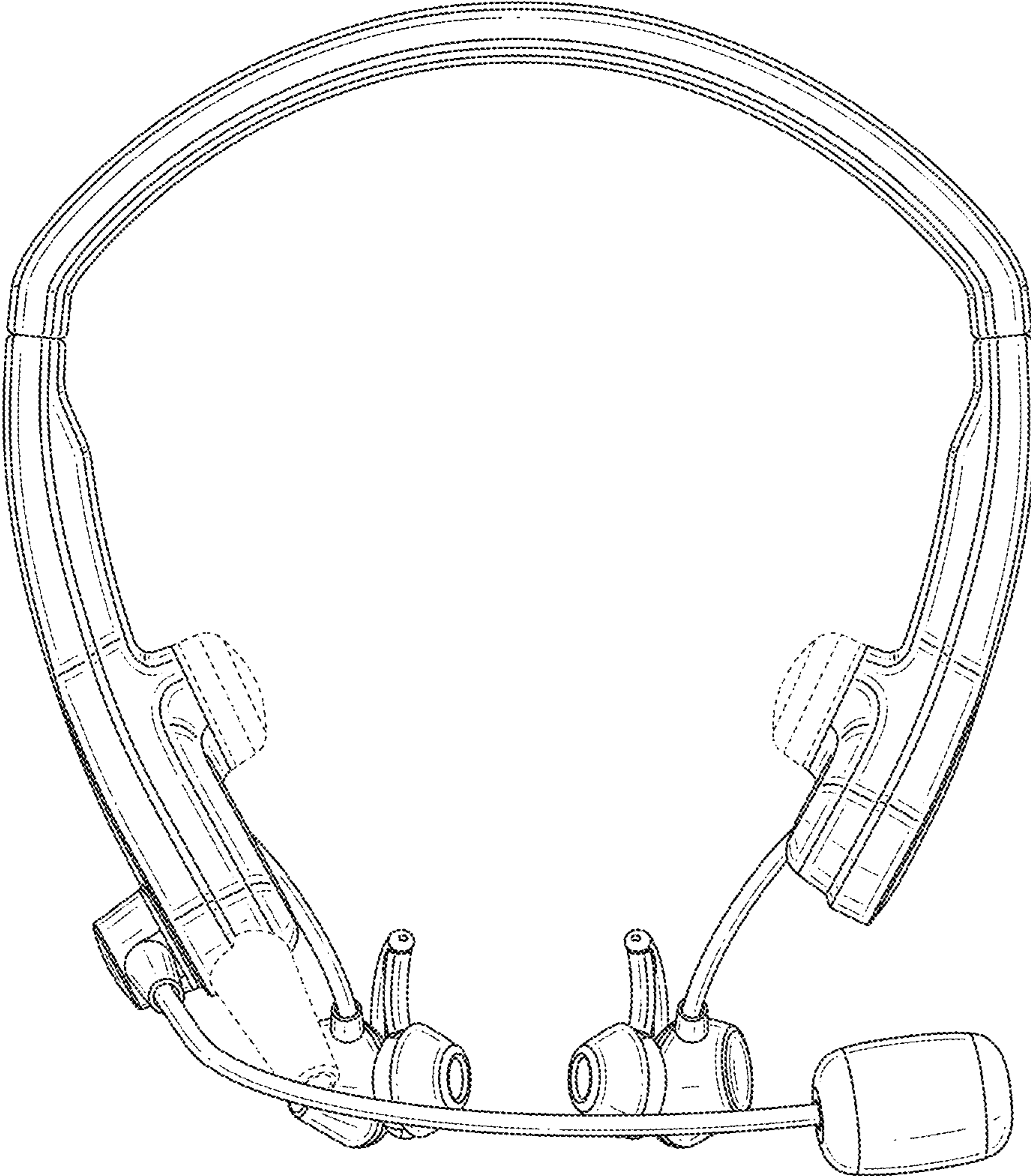


FIG. 2

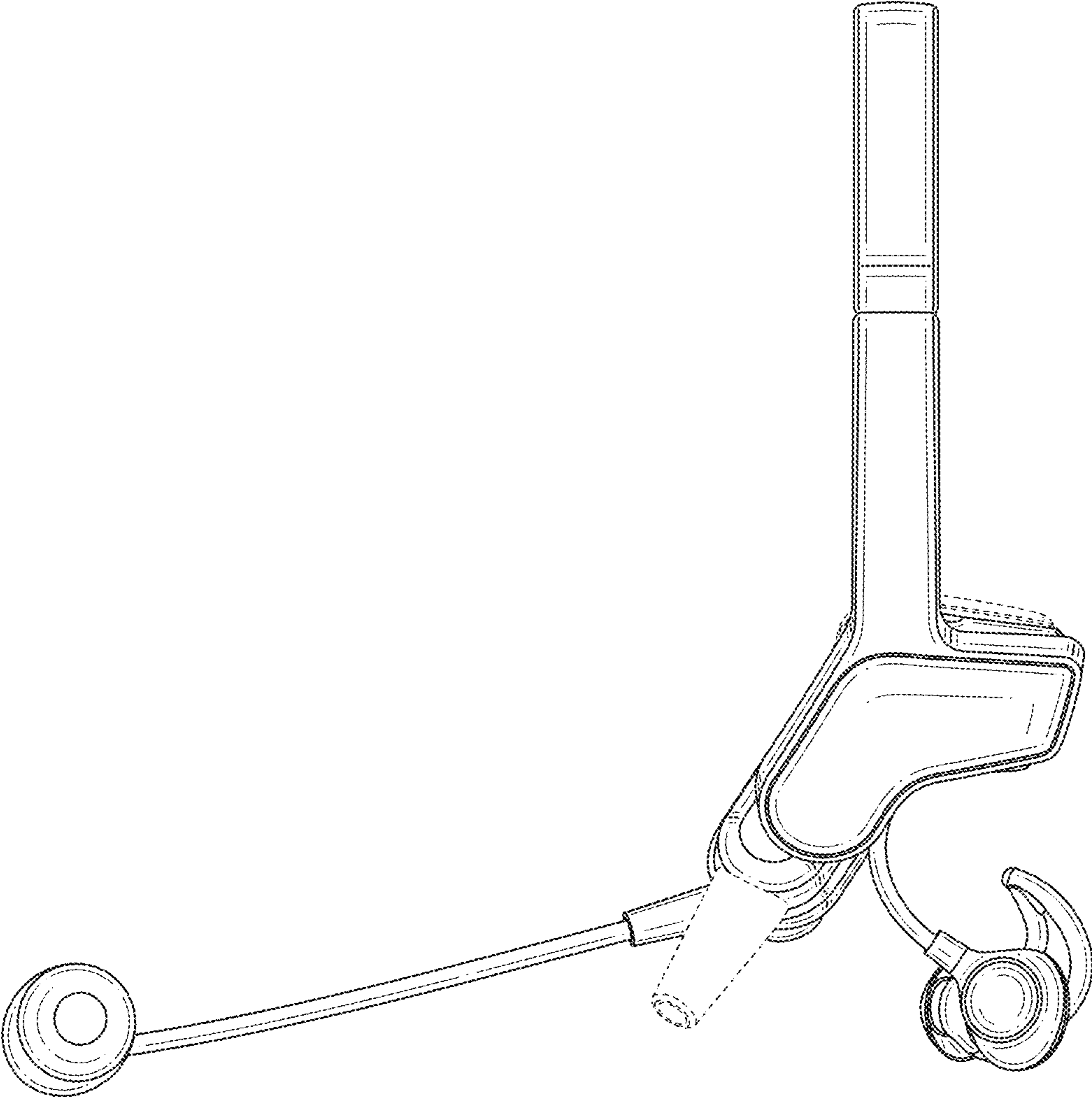


FIG. 3

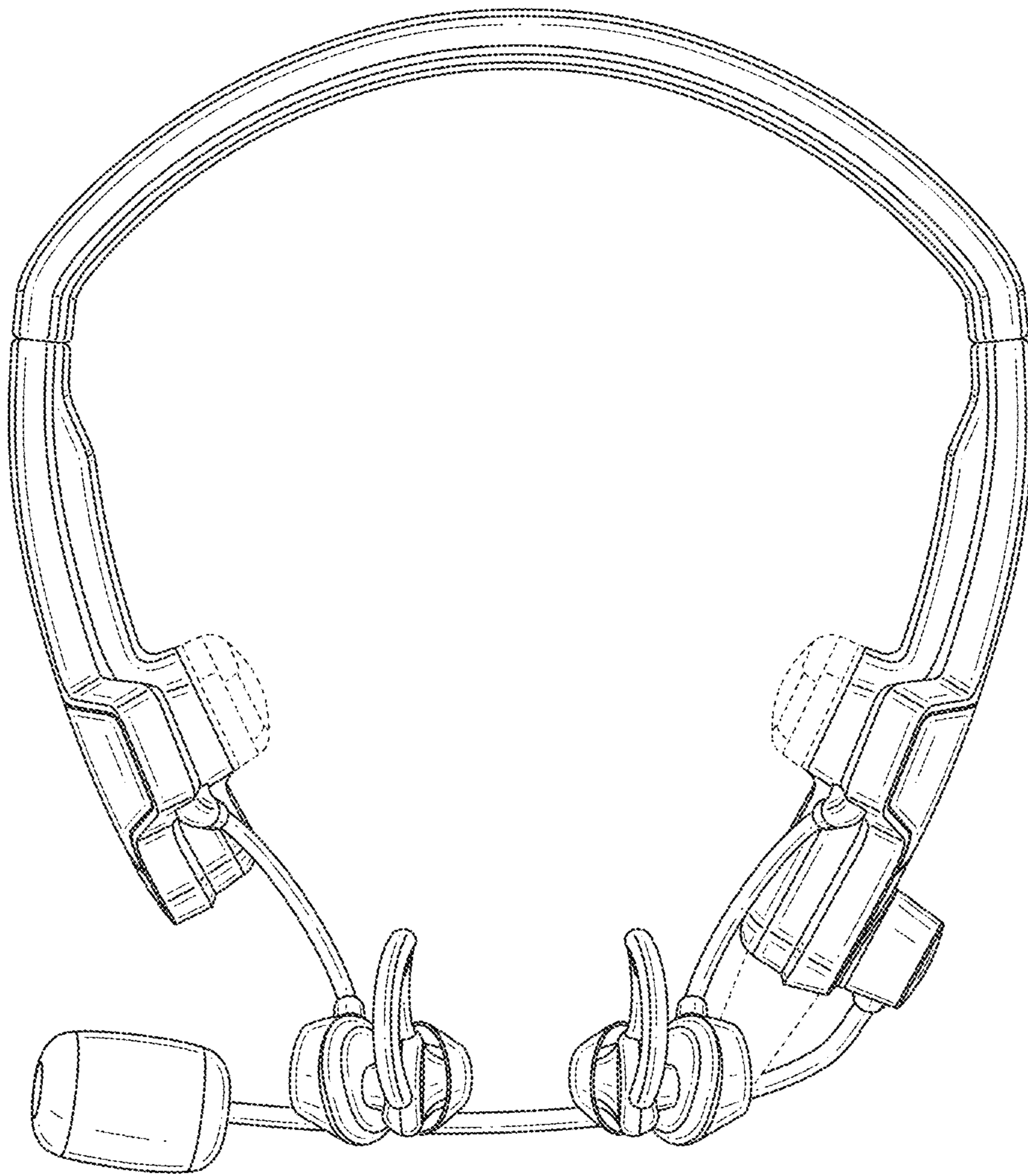


FIG. 4

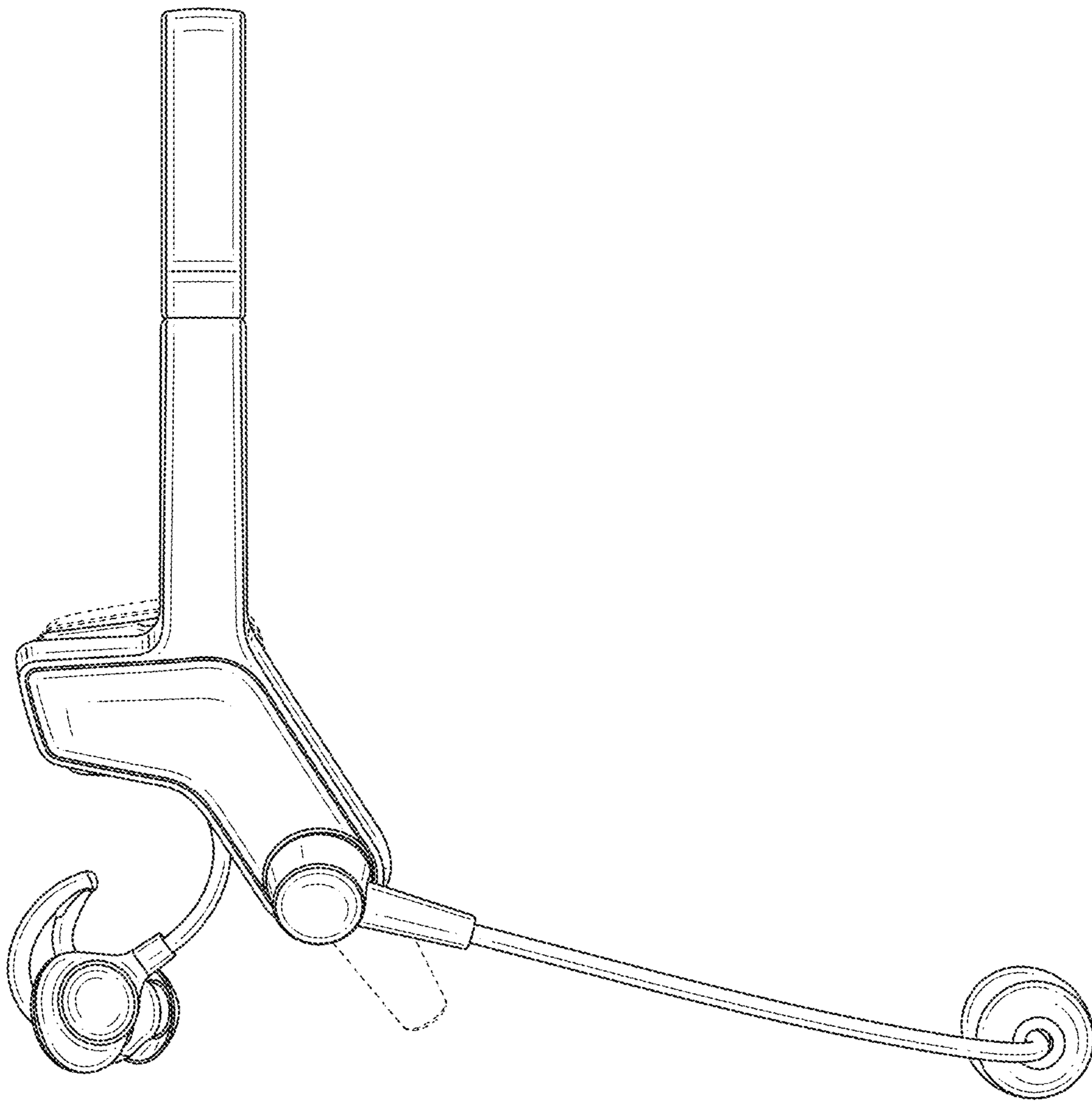


FIG. 5

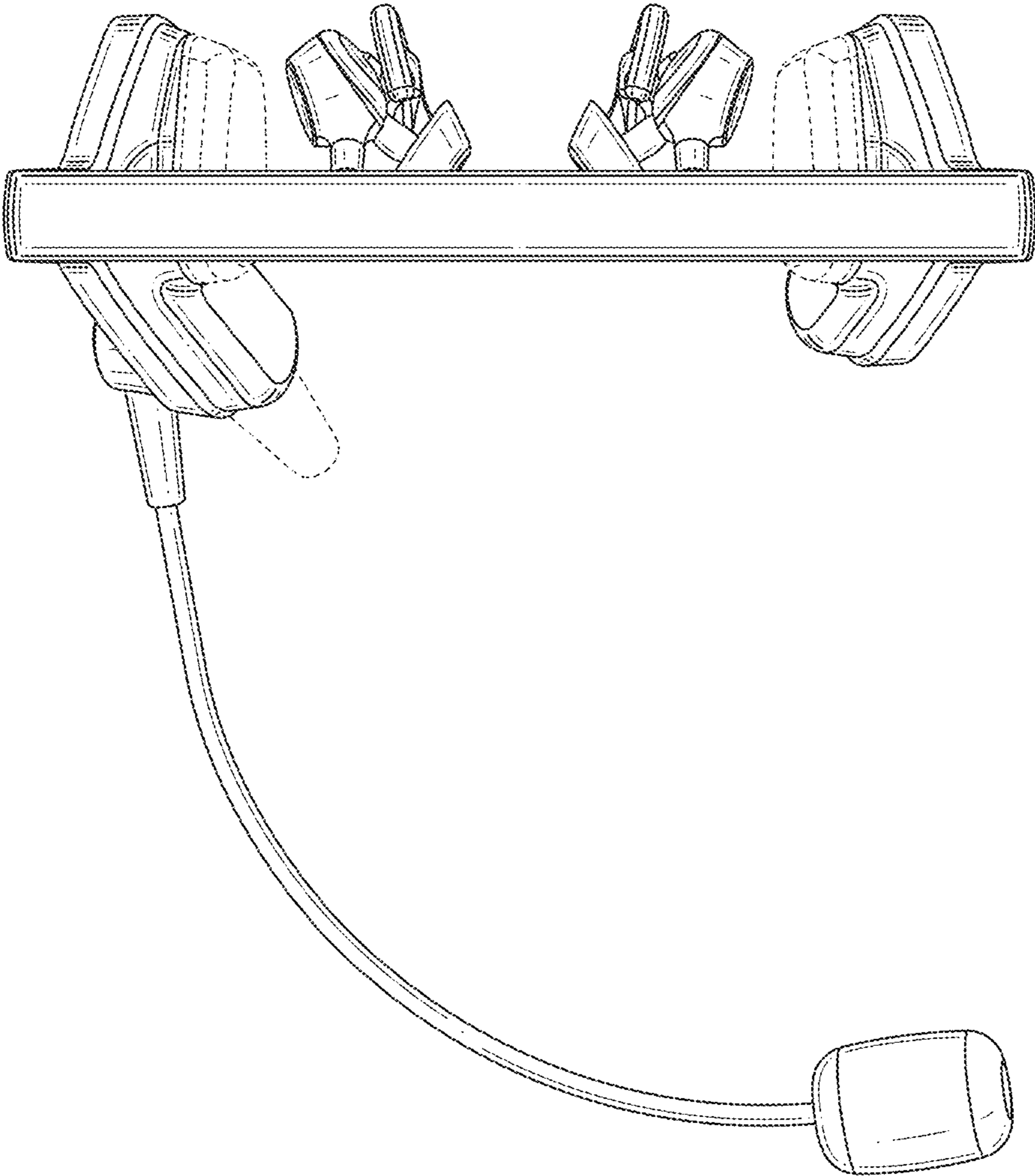


FIG. 6

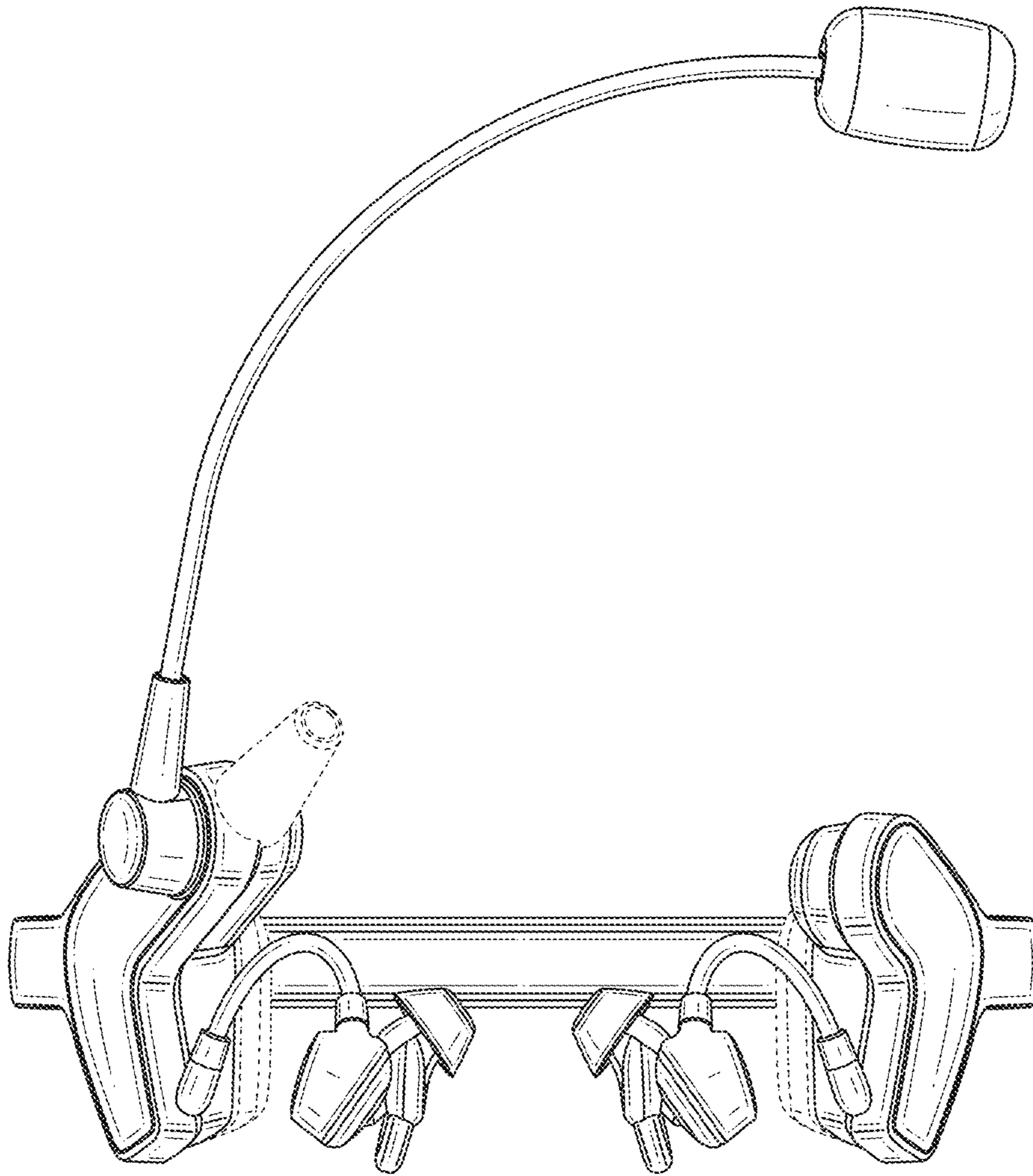


FIG. 7