



US00D846533S

(12) **United States Design Patent** (10) **Patent No.:** **US D846,533 S**
Guo (45) **Date of Patent:** **** Apr. 23, 2019**

(54) **EARPHONES**

(71) Applicant: **Yong Guo**, Dongguan (CN)

(72) Inventor: **Yong Guo**, Dongguan (CN)

(**) Term: **15 Years**

(21) Appl. No.: **29/629,157**

(22) Filed: **Dec. 12, 2017**

(51) **LOC (11) Cl.** **14-01**

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

(58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 181/129, 130,
181/135; 379/430, 431; 381/380, 381,
381/374; 455/90.3, 575.1, 569.1
CPC H04R 1/10; H04R 25/00; H04R 25/02;
H04R 1/1016; H04R 1/1066; H04R
1/1033; H04R 1/105; H04R 1/20
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D353,379 S *	12/1994	Nakamura	.....	D14/223
D369,349 S *	4/1996	Hayashi	.....	D14/223
5,748,743 A *	5/1998	Weeks	.....	H04R 25/654 381/312
5,949,896 A *	9/1999	Nageno	.....	H04R 1/1016 381/328
D431,553 S *	10/2000	Suzuki	.....	D14/223
D487,077 S *	2/2004	Obata	.....	D14/223
D499,397 S *	12/2004	Hlas	.....	D14/223
D514,551 S *	2/2006	Lee	.....	D14/205
D531,169 S *	10/2006	Tokioka	.....	D14/223
D554,627 S *	11/2007	Gondo	.....	D14/223
D564,495 S *	3/2008	Sasaki	.....	D14/205
D566,105 S *	4/2008	Yang	.....	D14/223
D591,721 S *	5/2009	Densho	.....	D14/205
D602,004 S *	10/2009	Matsuoka	.....	D14/223
D605,182 S *	12/2009	Fagnot	.....	D14/223

D606,971 S *	12/2009	Christopher	.....	D14/205
D611,934 S *	3/2010	Schaefer	.....	D14/223
D616,874 S *	6/2010	Matsuoka	.....	D14/223
D619,122 S *	7/2010	Nomura	.....	D14/223
D621,389 S *	8/2010	Nagayama	.....	D14/223
D623,630 S *	9/2010	Ohuri	.....	D14/223
D624,056 S *	9/2010	Kolton	.....	D14/223
D627,766 S *	11/2010	Arimoto	.....	D14/223
8,077,898 B2 *	12/2011	Huang	.....	H04R 1/24 381/186
D669,058 S *	10/2012	Lee	.....	D14/223

(Continued)

Primary Examiner — Paula Allen Greene

(74) *Attorney, Agent, or Firm* — Law Offices of Steven W. Weinrieb

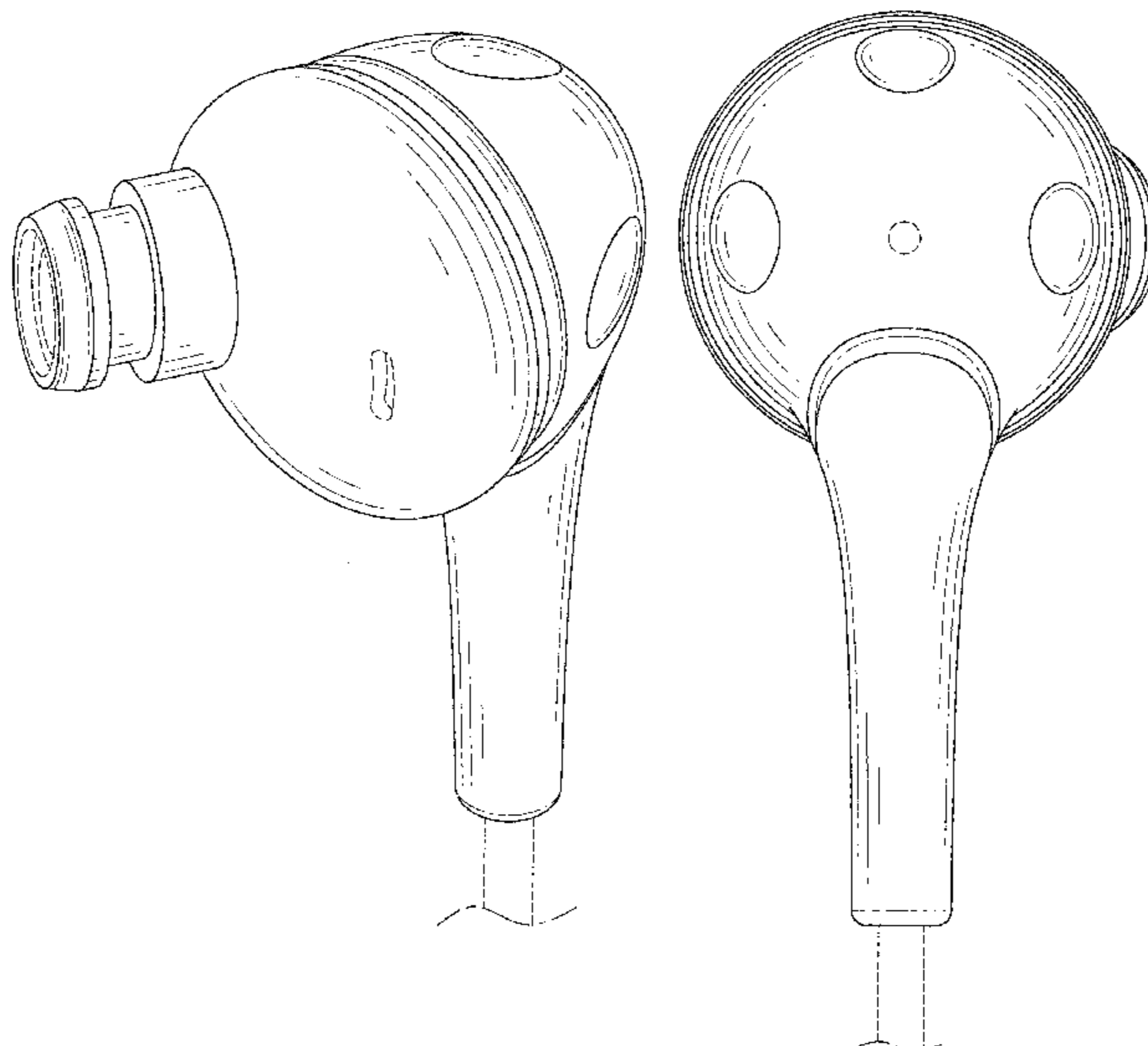
(57) **CLAIM**

The ornamental design for earphones, as shown and described.

DESCRIPTION

FIG. 1 is a left side, front, top perspective view of the earphones showing my new design;
 FIG. 2 is an inverted, rear, right side bottom perspective view thereof;
 FIG. 3 is a front elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a right side elevational view thereof;
 FIG. 6 is a left side elevational view thereof;
 FIG. 7 is a top plan view thereof;
 FIG. 8 is a bottom plan view thereof;
 FIG. 9 is a left side, front, top perspective view thereof, similar to that of FIG. 1, showing, however, the earphones in use; and,
 FIG. 10 is a left side, front, top perspective view thereof, similar to that of FIGS. 1 and 9, showing, however, the earphones in another mode of use.
 The broken lines depict environment that forms no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D673,530 S * 1/2013 Feng D14/223
 D674,376 S * 1/2013 Kelly D14/223
 D674,490 S * 1/2013 Bailey D24/174
 D677,653 S * 3/2013 Cantoni D14/223
 8,391,536 B2 * 3/2013 Hashimoto H04R 1/1016
 381/370
 8,831,266 B1 * 9/2014 Huang H04R 1/1091
 381/380
 D717,772 S * 11/2014 Yang D14/223
 D718,286 S * 11/2014 Yang D14/223
 D719,549 S * 12/2014 Henry D14/223
 D725,635 S * 3/2015 Burgett D14/223
 D729,775 S * 5/2015 Seo D14/205
 D730,876 S * 6/2015 Dahlberg D14/223
 D732,508 S * 6/2015 Funayama D14/223
 D733,101 S * 6/2015 Pi D14/223
 D733,689 S * 7/2015 Narita D14/223
 D741,287 S * 10/2015 Harata D14/205
 D747,295 S * 1/2016 Eastwood D14/223
 D747,702 S * 1/2016 Breines D14/223
 D755,759 S * 5/2016 Cai D14/223
 D757,682 S * 5/2016 Perez D14/205
 D762,196 S * 7/2016 Hsieh D14/223
 D770,425 S * 11/2016 Son D14/205
 D775,108 S * 12/2016 Hsieh D14/223
 D775,609 S * 1/2017 Lee D14/223
 D780,157 S * 2/2017 Uggla D14/205
 D784,962 S * 4/2017 Yang D14/223
 D801,314 S * 10/2017 Akana D14/223
 D804,035 S * 11/2017 Gabathuler D24/174
 D806,879 S * 1/2018 Horbinski D24/174
 D808,360 S * 1/2018 Arimoto D14/205

D810,047 S * 2/2018 Tzeng D14/205
 D810,054 S * 2/2018 Yuan D14/223
 D812,038 S * 3/2018 Nakajima D14/205
 D813,849 S * 3/2018 Andreen D14/223
 D817,933 S * 5/2018 Liu D14/223
 D820,809 S * 6/2018 Akana D14/205
 D821,363 S * 6/2018 Chen D14/223
 D830,345 S * 10/2018 Cai D14/223
 D831,619 S * 10/2018 Matoba D14/223
 D832,823 S * 11/2018 Xiao D14/223
 D834,561 S * 11/2018 Bristol D14/223
 D838,258 S * 1/2019 Hsieh D14/223
 2003/0027606 A1 * 2/2003 Tsai H04M 1/05
 455/575.2
 2010/0202626 A1 * 8/2010 Shiori H04R 1/1091
 381/74
 2012/0087533 A1 * 4/2012 Nageno H04R 11/02
 381/380
 2012/0155692 A1 * 6/2012 Chen H04R 1/1058
 381/380
 2012/0237074 A1 * 9/2012 Aase H04R 1/1016
 381/380
 2012/0269376 A1 * 10/2012 Matsuo H04R 1/1016
 381/380
 2013/0004011 A1 * 1/2013 Hayashida H04R 1/1016
 381/380
 2013/0343595 A1 * 12/2013 Zorkendorfer H04R 1/10
 381/380
 2015/0382100 A1 * 12/2015 Azmi H04R 1/1091
 381/380
 2016/0205458 A1 * 7/2016 Huang H04R 1/1016
 381/380
 2017/0164087 A1 * 6/2017 Kurtz H04R 1/1091

* cited by examiner

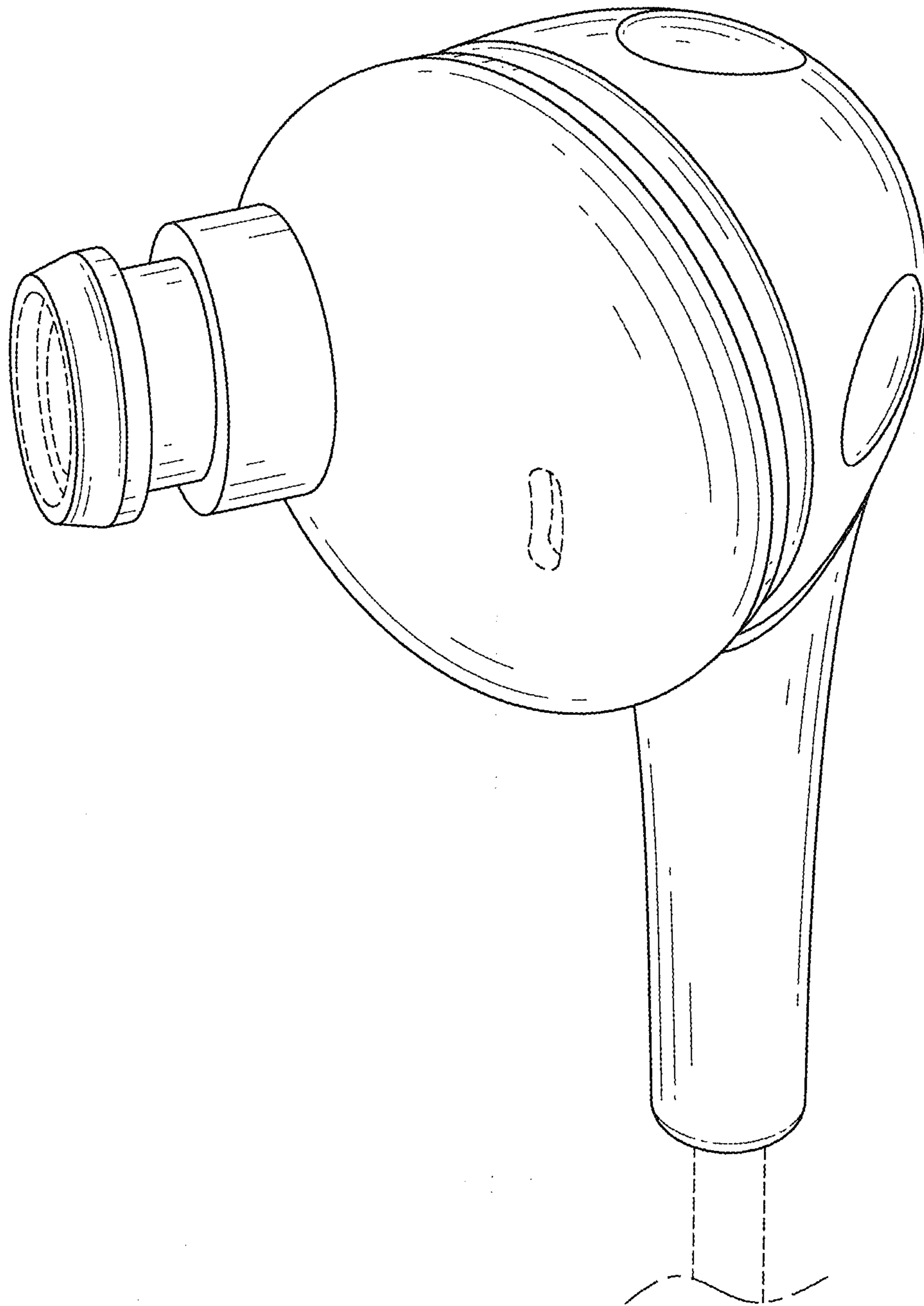


FIG. 1

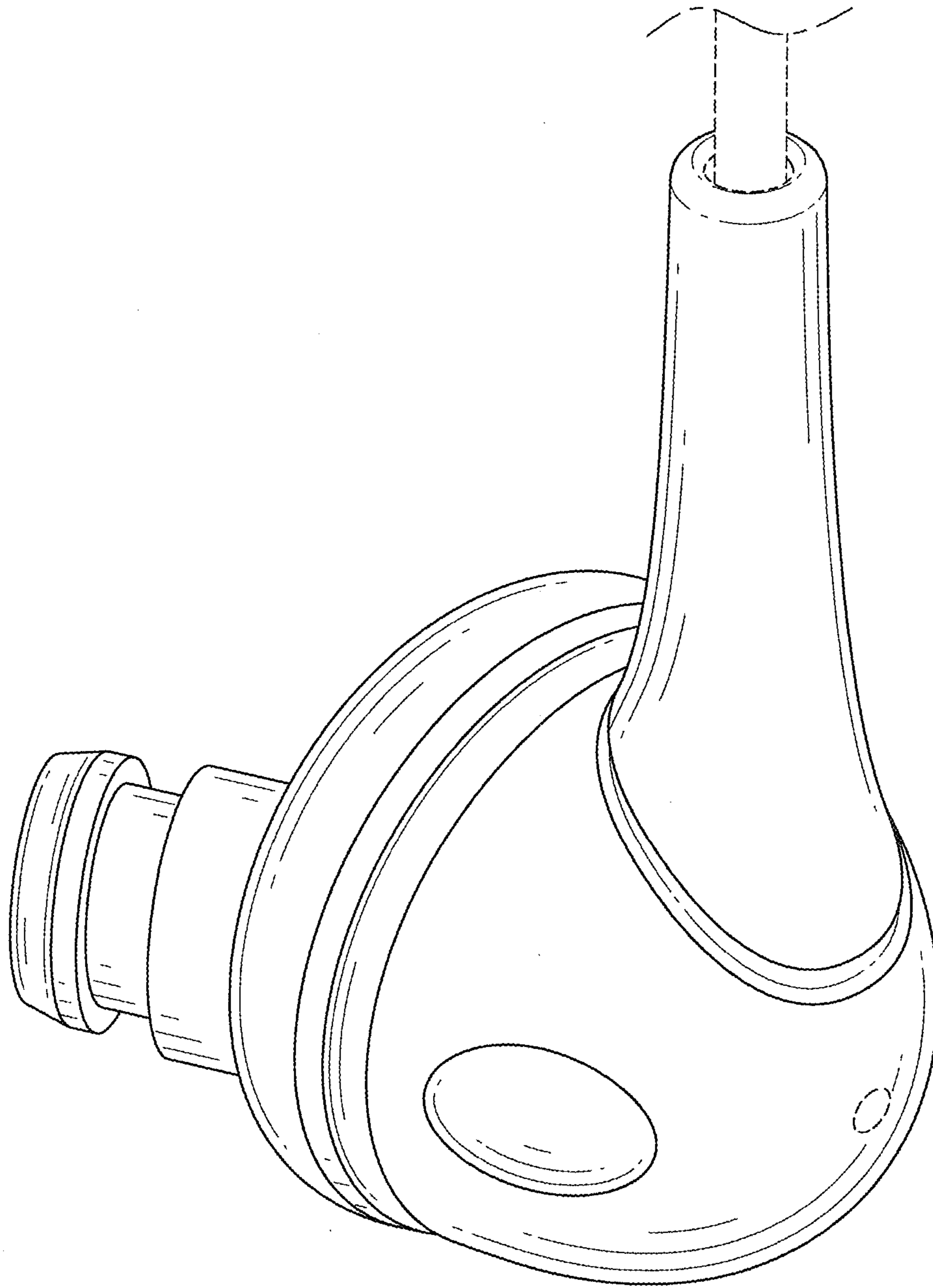


FIG. 2

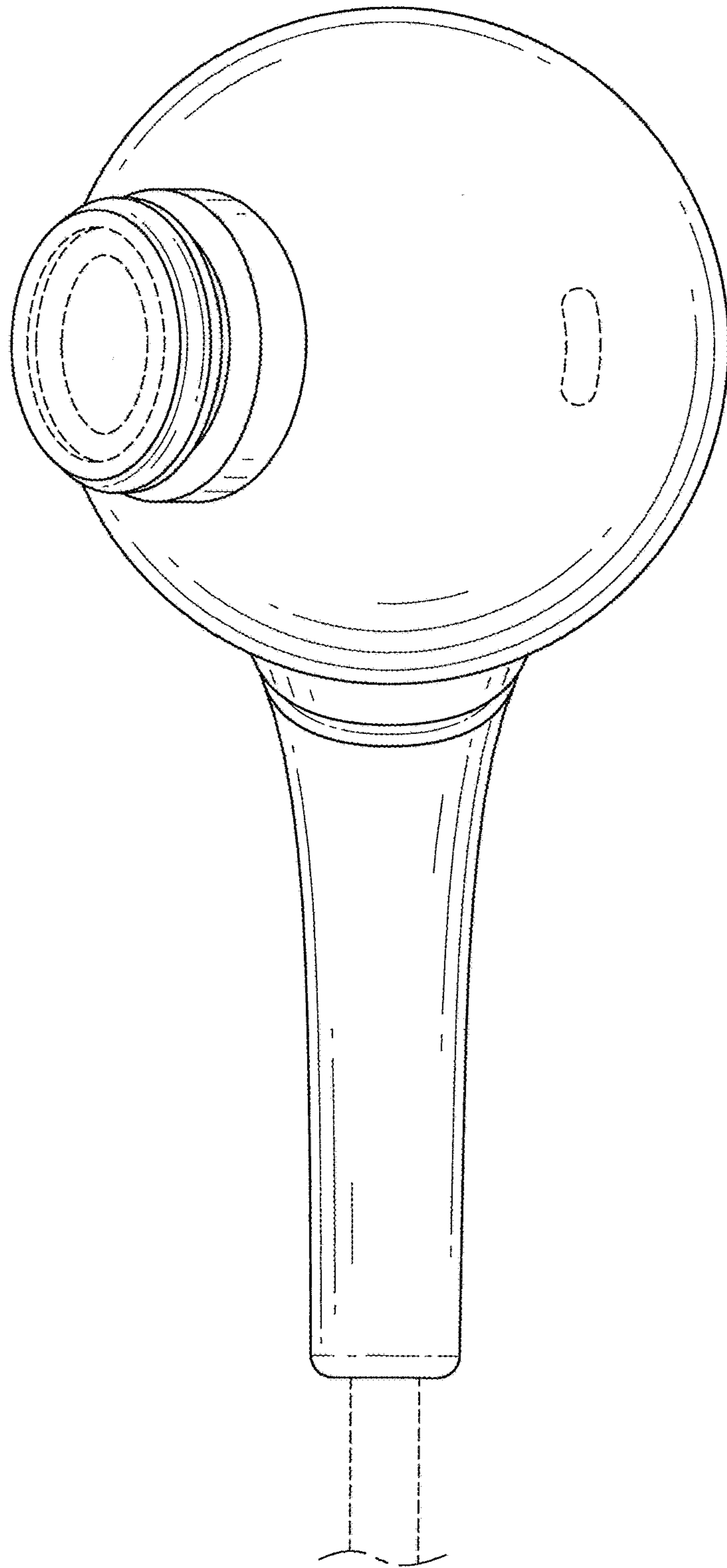


FIG. 3

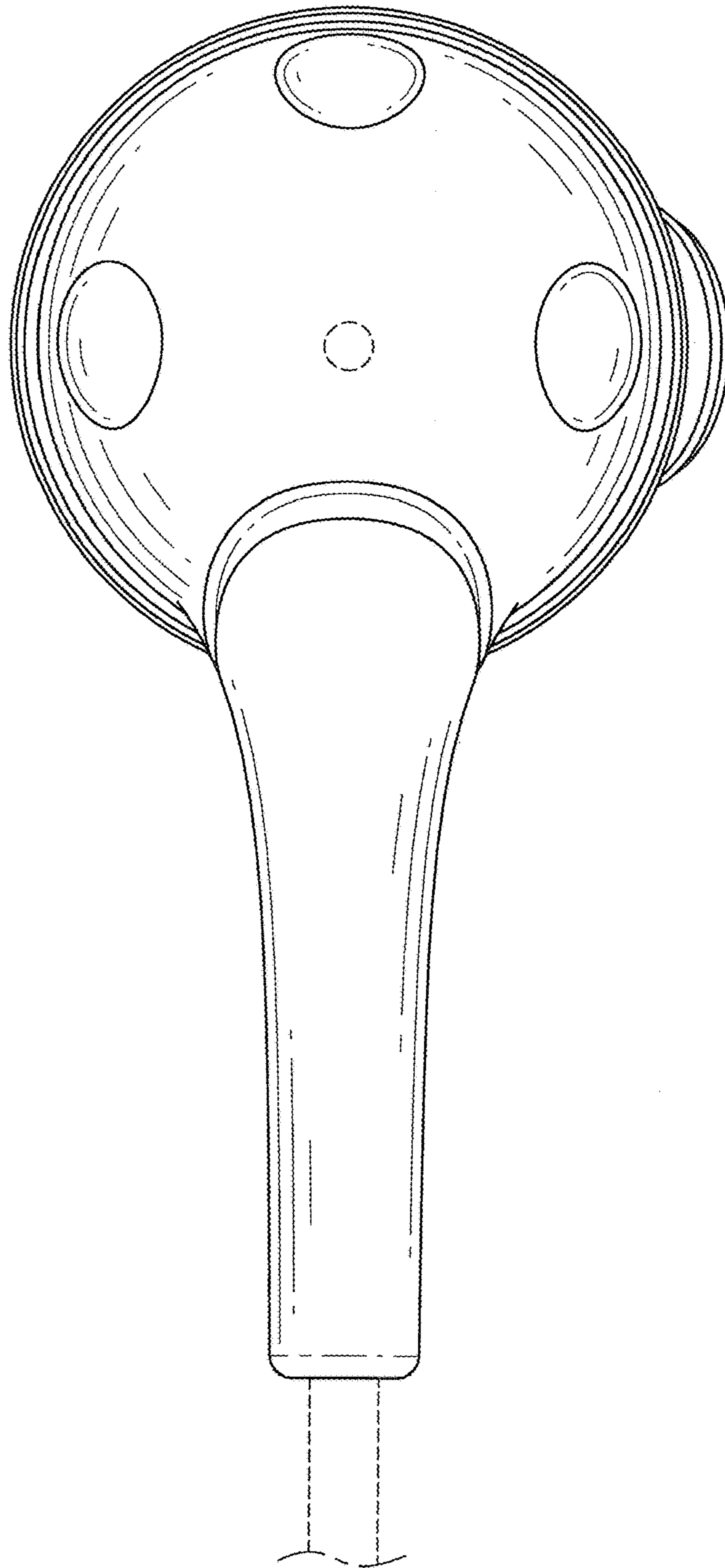


FIG. 4

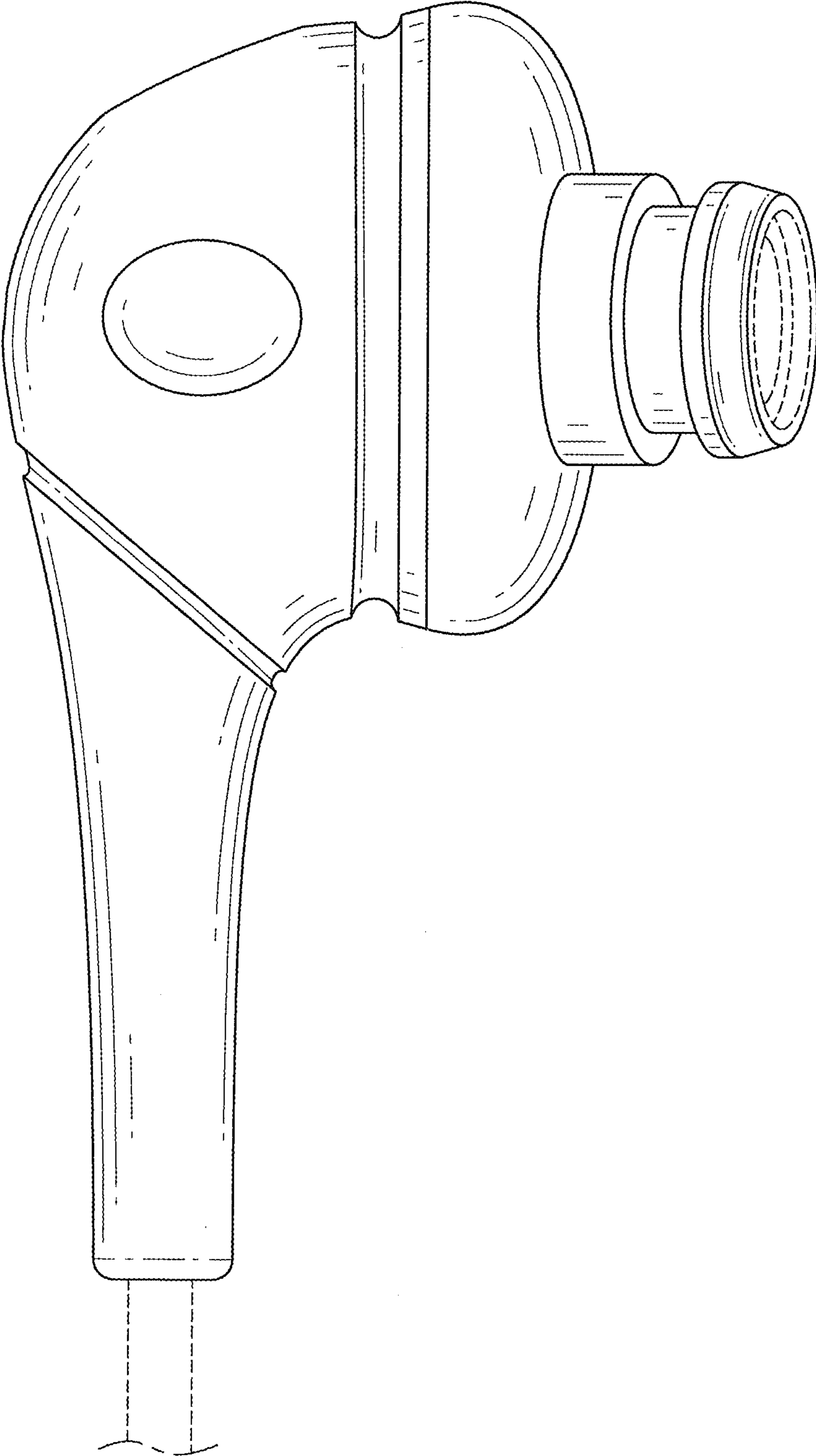


FIG. 5

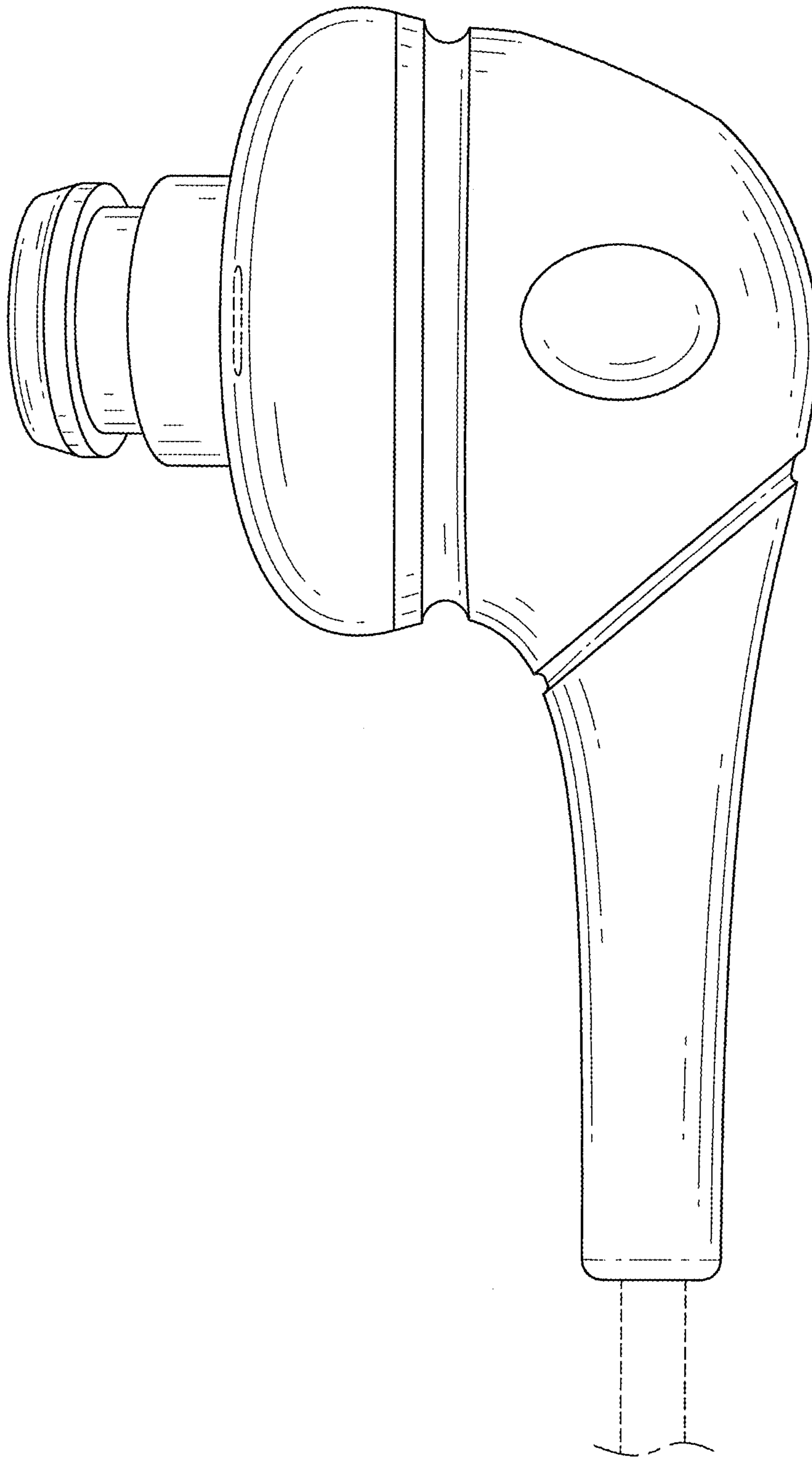


FIG. 6

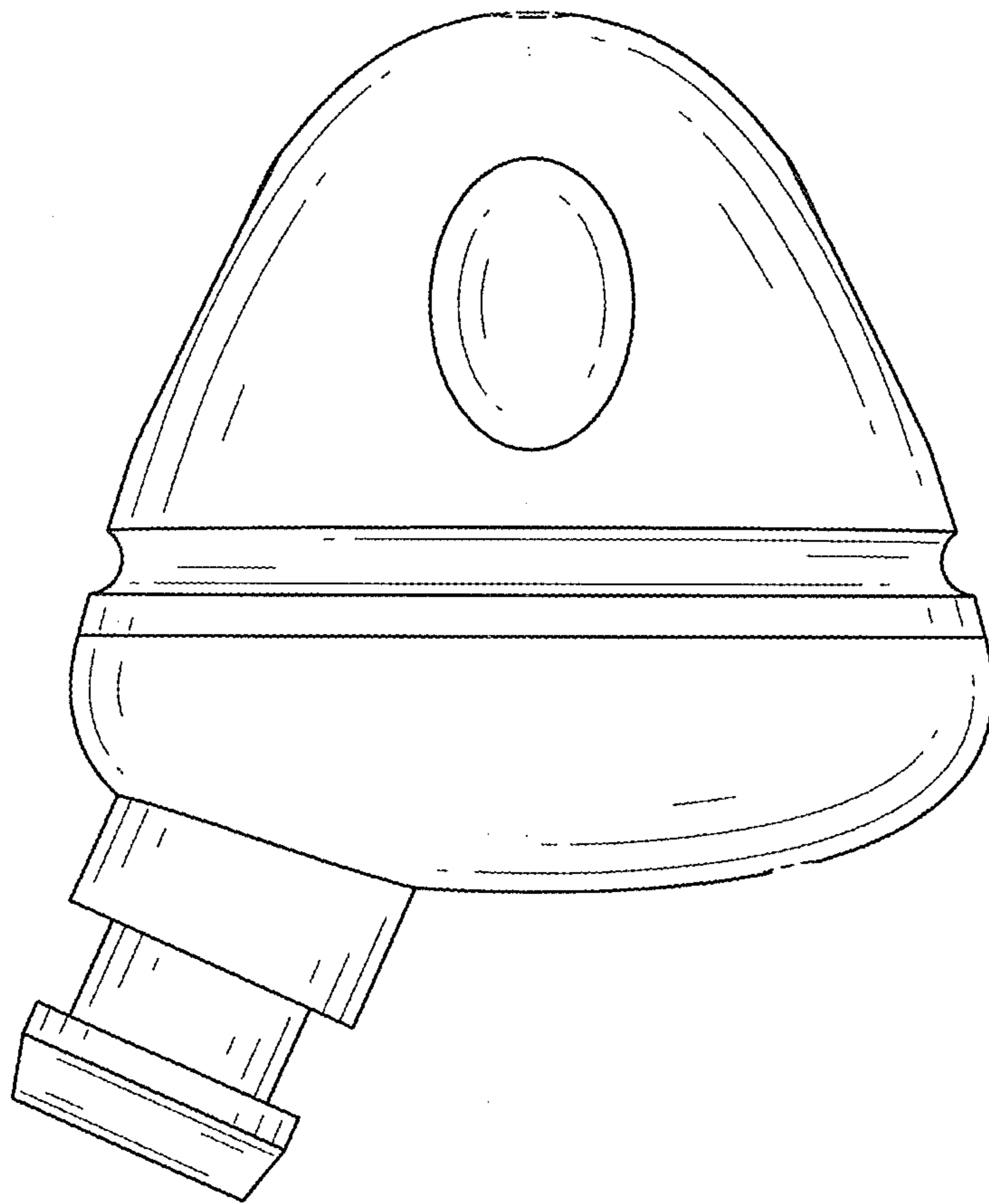


FIG. 7

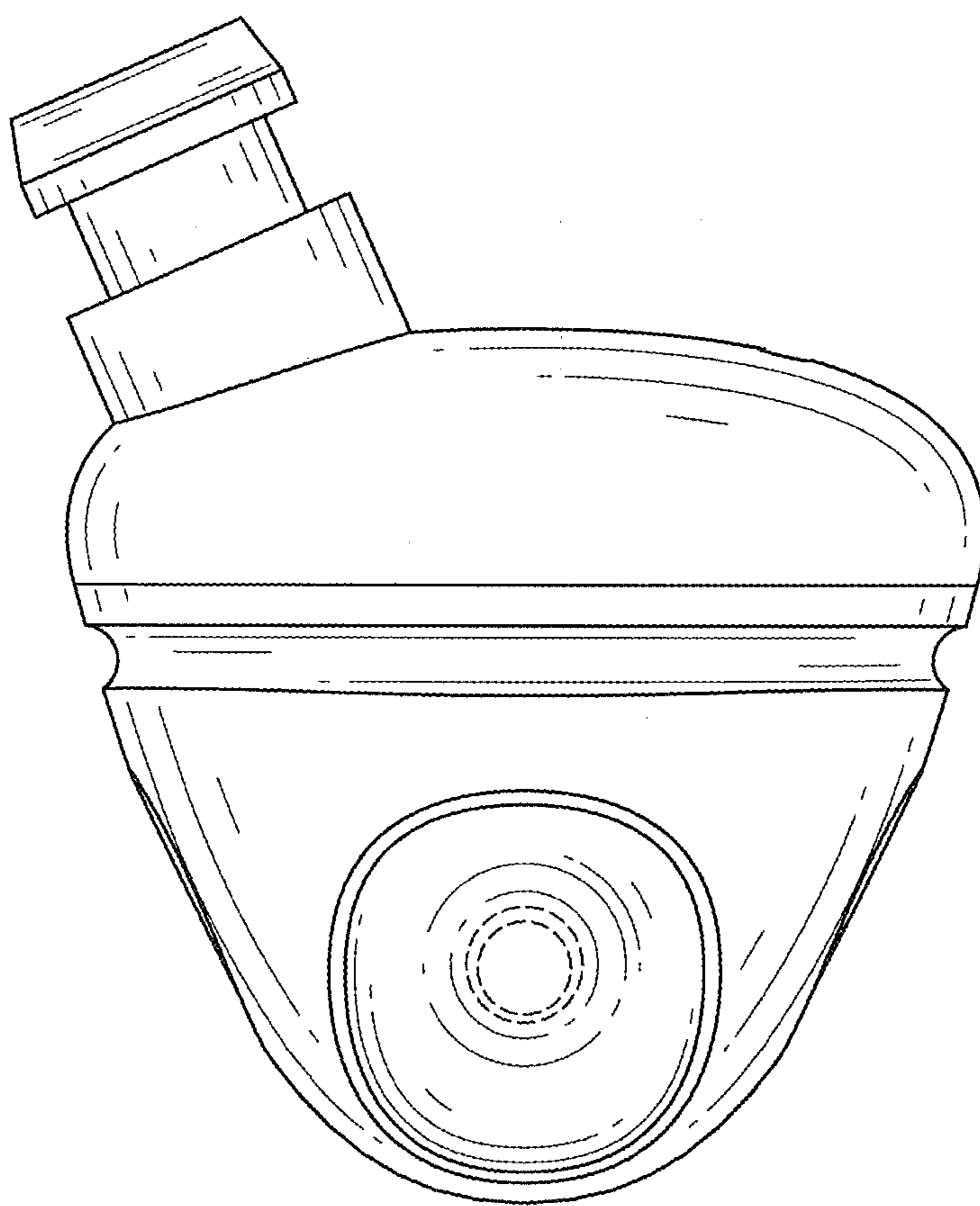


FIG. 8

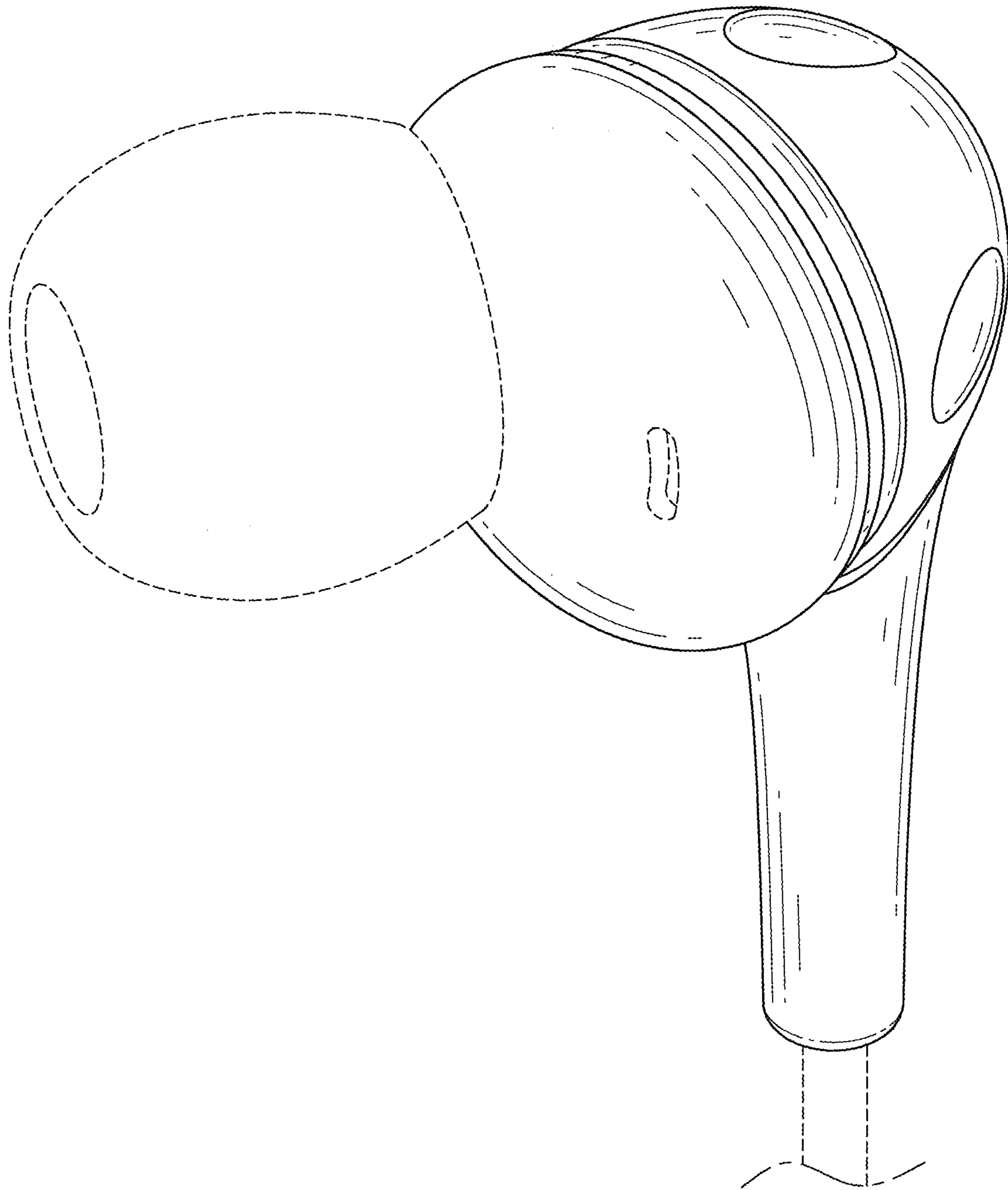


FIG. 9

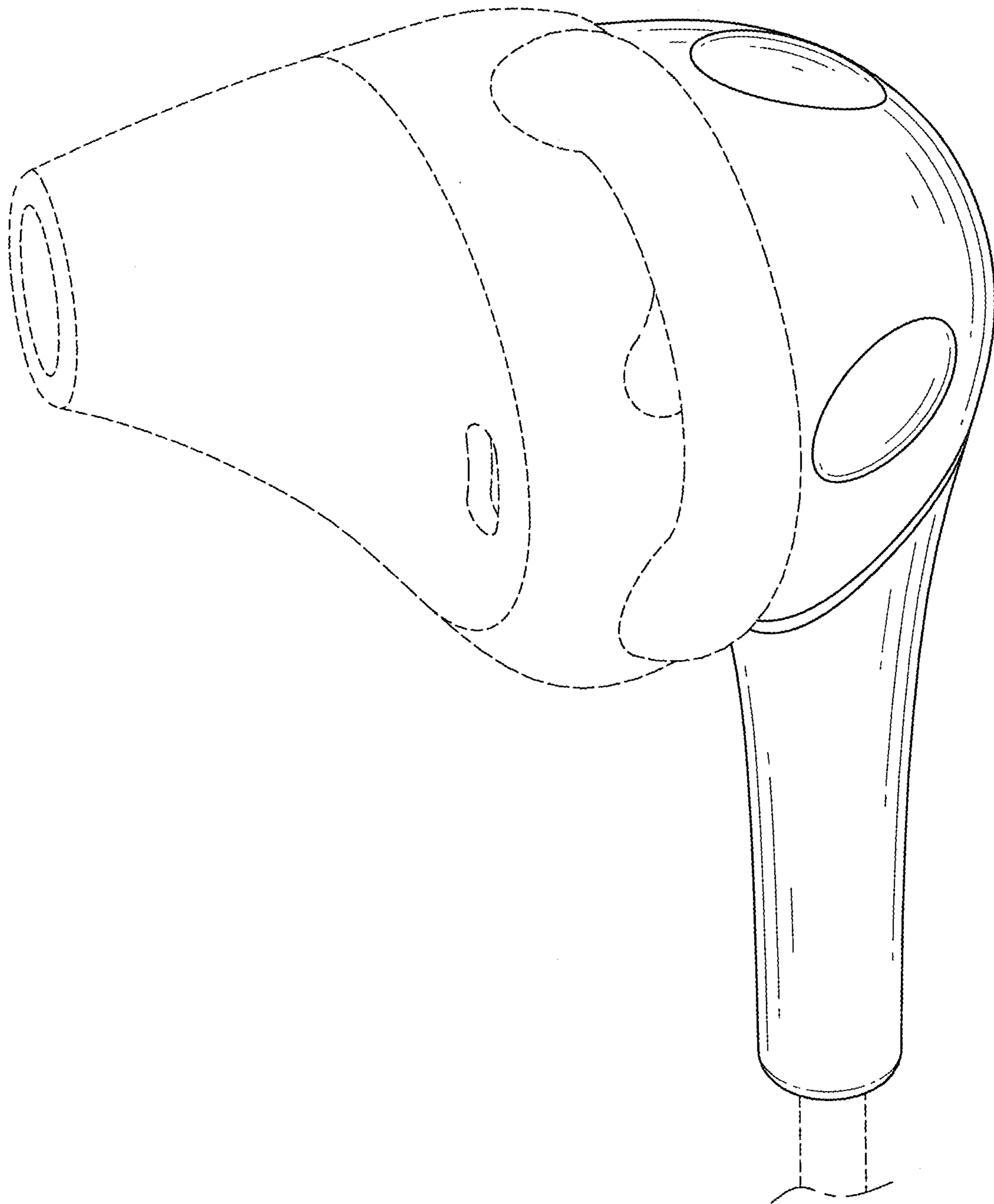


FIG. 10