



US00D983772S

(12) **United States Design Patent** (10) **Patent No.:** **US D983,772 S**
Brunner et al. (45) **Date of Patent:** **** *Apr. 18, 2023**

- (54) **EARPIECE**
- (71) Applicant: **Apple Inc.**, Cupertino, CA (US)
- (72) Inventors: **Robert Brunner**, Glen Ellen, CA (US);
Christopher Kuh, San Francisco, CA (US)
- (73) Assignee: **Apple Inc.**, Cupertino, CA (US)
- (*) Notice: This patent is subject to a terminal disclaimer.
- (**) Term: **15 Years**
- (21) Appl. No.: **29/825,906**
- (22) Filed: **Feb. 7, 2022**

Related U.S. Application Data

- (60) Continuation of application No. 29/803,833, filed on Aug. 16, 2021, now Pat. No. Des. 942,972, which is a continuation of application No. 29/750,393, filed on Sep. 14, 2020, now Pat. No. Des. 928,125, which is a continuation of application No. 29/685,126, filed on Mar. 26, 2019, now Pat. No. Des. 896,204, which is a continuation of application No. 29/609,404, filed on Jun. 30, 2017, now Pat. No. Des. 844,588, which is a continuation of application No. 29/540,941, filed on Sep. 29, 2015, now Pat. No. Des. 792,378, which is a continuation of application No. 29/501,037, filed on Aug. 29, 2014, now Pat. No. Des. 740,260, and a continuation of application No. 29/496,755, filed on Jul. 16, 2014, now Pat. No. Des. 741,299, which is a continuation of application No. 29/441,334, filed on Jan. 3, 2013, now Pat. No. Des. 712,382, said application No. 29/501,037 is a division of application No. 29/441,334, filed on Jan. 3, 2013.
- (51) **LOC (14) Cl.** **14-01**
- (52) **U.S. Cl.**
USPC **D14/223**

- (58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 128/864–866;
381/380–381, 322, 328
CPC H04R 1/10; H04R 25/00; H04R 25/02;
H04R 1/1016; H04R 1/1066; H04R
5/033; H04R 5/0335; H04R 1/105; H04R
1/1008; H04R 1/1091
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

968,008 A	8/1910	Waller
1,558,191 A	10/1925	Lindemann
2,009,390 A	7/1935	Bayardi
2,248,837 A	7/1941	Walters
2,430,229 A	11/1947	Kelsey

(Continued)

FOREIGN PATENT DOCUMENTS

CA	159500	5/2014
TW	D126814 S	1/2009

Primary Examiner — Paula Allen Greene

(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

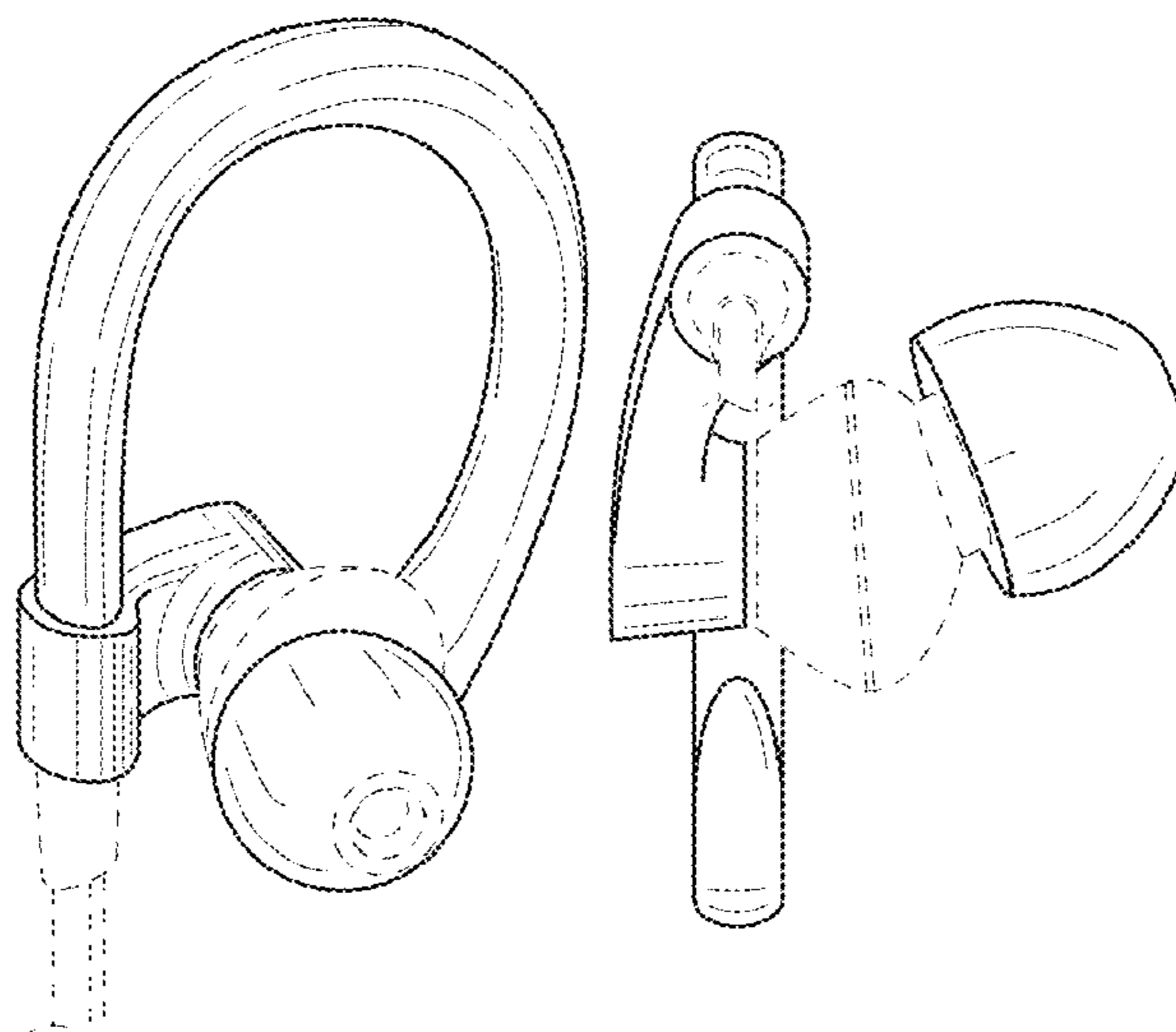
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top rear perspective view of an earpiece showing the claimed design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a side perspective view thereof;
 FIG. 5 is a top view thereof; and,
 FIG. 6 is a bottom view thereof.
 The broken lines in the figures show portions of the earpiece or environment that form no part of the claimed design.

1 Claim, 1 Drawing Sheet



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References Cited

U.S. PATENT DOCUMENTS

2,474,135	A	6/1949	White	D566,104	S	4/2008	Suzuki
2,545,731	A	3/1951	French	D569,841	S	5/2008	Chung et al.
2,719,523	A	10/1955	Gierke	D574,361	S	8/2008	Sasaki
2,739,660	A	3/1956	French	D574,367	S	8/2008	Jaakkola et al.
3,319,736	A	5/1967	Reynolds, Jr.	D575,772	S	8/2008	Schultz et al.
D233,444	S	10/1974	Christian et al.	D576,154	S	9/2008	Ledbetter et al.
D241,881	S	10/1976	Peterson et al.	D578,507	S	10/2008	Ando
4,133,984	A	1/1979	Akiyama	D579,005	S	10/2008	Wilhelmsen
4,253,452	A	3/1981	Powers et al.	D579,444	S	10/2008	Ewert et al.
D259,279	S	5/1981	Takeda	D579,923	S	11/2008	Andre et al.
D270,634	S	9/1983	Ungar	D582,398	S	12/2008	Nam et al.
D276,143	S	10/1984	Williams	D584,293	S	1/2009	Kim et al.
4,646,872	A	3/1987	Kamon et al.	D585,881	S	2/2009	Nam et al.
D299,344	S	1/1989	Stevens	D587,681	S	3/2009	Yanai
D299,454	S	1/1989	Kwong	D587,685	S	3/2009	Densho
D309,306	S	7/1990	Weiser et al.	D589,493	S	3/2009	Densho
4,997,055	A	3/1991	Grady	D591,264	S	4/2009	Hong et al.
D316,550	S	4/1991	Sogabe	D591,721	S	5/2009	Densho
D318,670	S	7/1991	Taniguchi	D591,722	S	5/2009	Densho
D326,855	S	6/1992	Bose et al.	D593,075	S	5/2009	Williams et al.
D331,966	S	12/1992	Gardner, Jr.	D594,441	S	6/2009	Lee et al.
5,179,501	A	1/1993	Ocken et al.	7,551,748	B2	6/2009	Kamo et al.
D334,043	S	3/1993	Taniguchi et al.	D597,084	S	7/2009	Gondo
5,210,792	A	5/1993	Kajihara	D598,894	S	8/2009	Masuda et al.
D375,959	S	11/1996	Davis et al.	D598,901	S	8/2009	Lee et al.
5,625,171	A	4/1997	Marshall	D599,778	S	9/2009	Ando
5,659,156	A	8/1997	Mauney et al.	D599,781	S	9/2009	Lee et al.
D383,757	S	9/1997	Dobrusskin et al.	D600,675	S	9/2009	Lee et al.
D385,254	S	10/1997	Owusu	D601,126	S	9/2009	Christopher et al.
D421,755	S	3/2000	Pitel	D602,475	S	10/2009	Martin
6,056,082	A	5/2000	Lindgren et al.	D602,905	S	10/2009	Morisawa
D430,060	S	8/2000	Kaválek	D603,837	S	11/2009	Martin
6,101,260	A	8/2000	Jensen et al.	D603,847	S	11/2009	Chung
6,233,344	B1	5/2001	Clegg et al.	D604,272	S	11/2009	Kitayama
D443,261	S	6/2001	Yuyama	D605,628	S	12/2009	Ando
D443,859	S	6/2001	Hogan	D606,048	S	12/2009	Soetejo et al.
D457,514	S	5/2002	Marion et al.	D606,971	S	12/2009	Christopher et al.
D459,342	S	6/2002	Marion et al.	D607,875	S	1/2010	Pedersen, II
D460,749	S	7/2002	Liu	7,648,005	B2	1/2010	Leong et al.
6,427,018	B1	7/2002	Keliiliki	D609,698	S	2/2010	Ng
D463,791	S	10/2002	Nagai et al.	7,664,287	B2	2/2010	Neu et al.
D470,129	S	2/2003	Hlas et al.	7,681,577	B2	3/2010	Blanchard
D471,889	S	3/2003	Rath et al.	D613,274	S	4/2010	Lee et al.
D475,996	S	6/2003	Skulley	D614,168	S	4/2010	Rogers et al.
D480,073	S	9/2003	Jensen et al.	7,708,110	B2	5/2010	Leong et al.
D481,377	S	10/2003	Eguchi	D617,780	S	6/2010	Jaakkola et al.
D482,348	S	11/2003	Villaverde et al.	D618,211	S	6/2010	Oguro et al.
6,728,388	B1	4/2004	Nageno et al.	D618,669	S	6/2010	Johnson et al.
6,738,487	B1	5/2004	Nageno et al.	D622,707	S	8/2010	Chen et al.
6,771,790	B2	8/2004	Liu	D623,171	S	9/2010	Chen et al.
D501,196	S	1/2005	Dyer et al.	D624,529	S	9/2010	Huang
6,868,284	B2	3/2005	Bae	D624,901	S	10/2010	Blanchard
D508,479	S	8/2005	Okada	D626,117	S	10/2010	Lowry
D508,911	S	8/2005	Sanders	D627,764	S	11/2010	Tsai et al.
D510,085	S	9/2005	Suzuki	7,841,446	B2	11/2010	Leong et al.
D510,575	S	10/2005	Leong	D628,555	S	12/2010	Ponzio et al.
D518,816	S	4/2006	Naito et al.	D629,397	S	12/2010	Hensen
D526,642	S	8/2006	Choe	D630,179	S	1/2011	Park et al.
D528,531	S	9/2006	Rose et al.	D631,037	S	1/2011	Park et al.
D529,901	S	10/2006	Ohta	D631,470	S	1/2011	Yoneyama et al.
D535,642	S	1/2007	Garcia et al.	D634,305	S	3/2011	Hoggarth
D539,268	S	3/2007	Suzuki	D635,960	S	4/2011	Gondo et al.
D542,267	S	5/2007	Cha et al.	D636,763	S	4/2011	Walter
D542,282	S	5/2007	Yoshiyama	D637,182	S	5/2011	Lee et al.
D543,968	S	6/2007	Wong	D637,998	S	5/2011	Brunner et al.
D543,972	S	6/2007	Taylor	D637,999	S	5/2011	Brunner et al.
7,231,056	B2	6/2007	Chen	D641,008	S	7/2011	Lee et al.
D550,657	S	9/2007	Gan et al.	D641,010	S	7/2011	Kwon
D554,109	S	10/2007	Ledbetter et al.	D641,736	S	7/2011	Brunner et al.
D554,627	S	11/2007	Gondo	D642,163	S	7/2011	Lee et al.
D556,735	S	12/2007	Yeo	D643,414	S	8/2011	Lee et al.
D558,735	S	1/2008	Carr et al.	D643,416	S	8/2011	Chong et al.
D559,837	S	1/2008	Nakano	D643,417	S	8/2011	Lee et al.
D564,495	S	3/2008	Sasaki	D643,418	S	8/2011	Lee et al.
7,346,180	B2	3/2008	Ham	8,068,633	B2	11/2011	Lee et al.
				D652,817	S	1/2012	Lee et al.
				D652,822	S	1/2012	Lee et al.
				8,090,135	B2	1/2012	Lin
				8,265,328	B2	9/2012	Milde et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

D678,251 S	3/2013	Cantoni et al.	D844,588 S	4/2019	Brunner et al.
D686,196 S	7/2013	Lee et al.	10,368,156 B1	7/2019	Beckhart
D695,275 S	12/2013	Chee	D858,482 S	9/2019	Ma
D699,213 S	2/2014	Burgett et al.	D863,265 S	10/2019	Hu
D700,905 S	3/2014	Pavitsich	D868,749 S	12/2019	Brunner et al.
D707,652 S	6/2014	Brunner et al.	D871,375 S	12/2019	Meyer
D710,333 S	8/2014	Davies et al.	D873,247 S *	1/2020	Zhu D14/223
D712,382 S	9/2014	Brunner et al.	D878,338 S	3/2020	Yang
D713,385 S	9/2014	Burgett et al.	D881,848 S *	4/2020	Kolton D14/223
D713,822 S	9/2014	Paradise et al.	D881,850 S	4/2020	Zhang
D716,770 S	11/2014	Bonahoom et al.	D883,259 S	5/2020	Ma
D725,637 S	3/2015	Nakajima	D888,023 S	6/2020	Gao
D730,876 S	6/2015	Dahlberg	D890,137 S	7/2020	Ma
D734,744 S	7/2015	Brunner et al.	D896,204 S	9/2020	Brunner et al.
D740,260 S	10/2015	Brunner et al.	D913,994 S	3/2021	Brunner et al.
D741,299 S	10/2015	Brunner et al.	D915,356 S	4/2021	Gao
D743,945 S	11/2015	Brunner et al.	D915,357 S	4/2021	Gao
D743,946 S	11/2015	Brunner et al.	D928,125 S	8/2021	Brunner et al.
9,197,956 B2	11/2015	Iseberg et al.	D934,205 S *	10/2021	Brunner D14/223
D755,159 S	5/2016	Birger	D942,972 S	2/2022	Brunner et al.
D775,610 S	1/2017	Nakajima	D958,776 S *	7/2022	Brunner D14/223
D780,721 S	3/2017	Brunner et al.	2009/0285434 A1	11/2009	Williams et al.
D792,378 S	7/2017	Brunner et al.	2011/0051979 A1	3/2011	Lee et al.
D793,360 S	8/2017	Birger	2011/0176700 A1	7/2011	Hashimoto
D806,684 S	1/2018	Tsai	2013/0010997 A1	1/2013	Tanaka et al.
D809,487 S	2/2018	Lee et al.	2013/0216087 A1	8/2013	MacDonald
D810,053 S *	2/2018	Otani D14/223	2014/0138150 A1 *	5/2014	Huang H04R 5/033 174/71 R
D816,637 S	5/2018	Hardi	2014/0166389 A1	6/2014	Young-Mun
D821,364 S	6/2018	Brunner et al.	2014/0314248 A1	10/2014	Ruiz
D834,003 S	11/2018	Maeda	2017/0105679 A1 *	4/2017	Gil A61B 5/332
D838,692 S	1/2019	Fu	2017/0359644 A1	12/2017	Cramer et al.
D843,344 S	3/2019	Zhu	2018/0295437 A1	10/2018	Chen
			2019/0141430 A1	5/2019	Huwe et al.

* cited by examiner

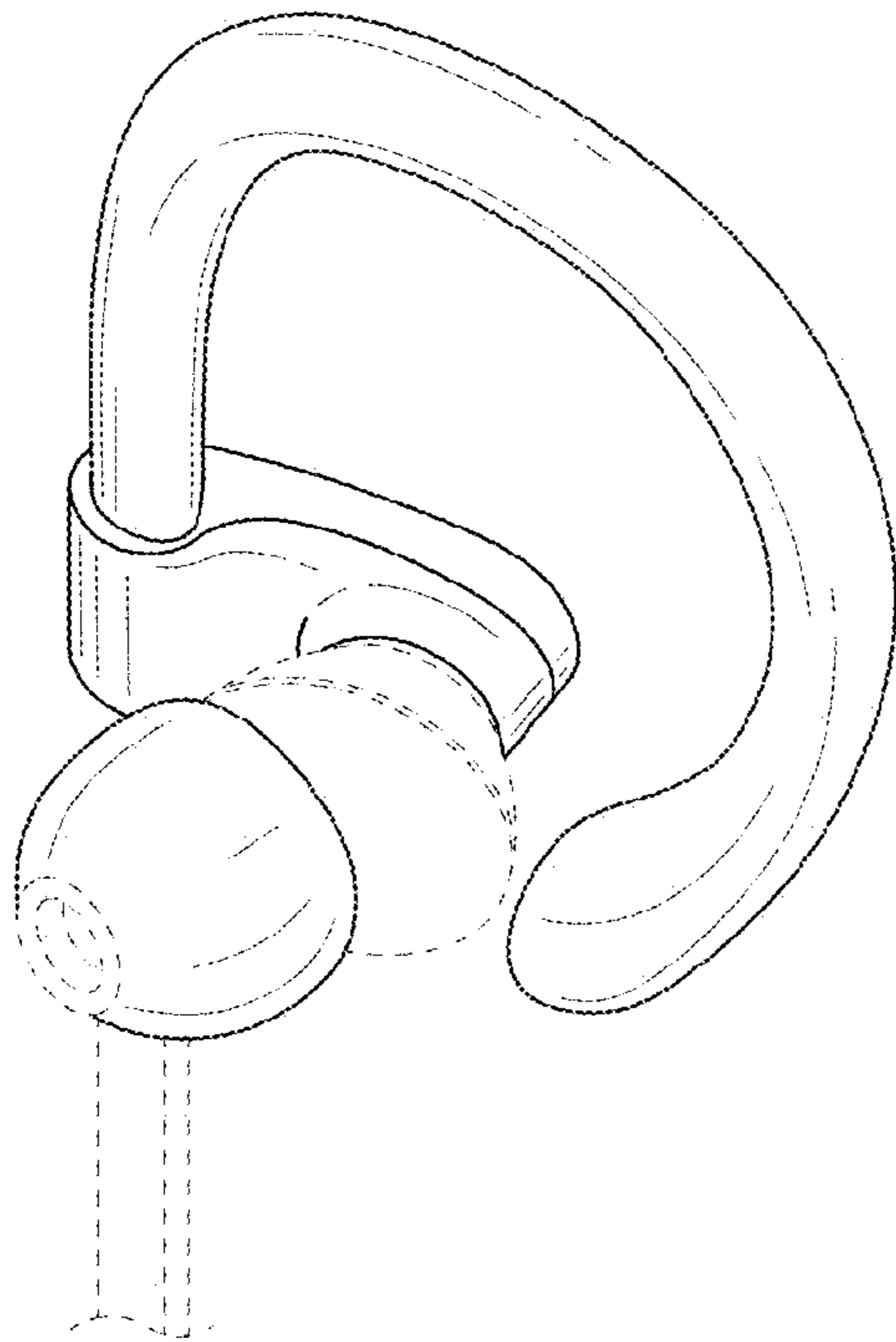


FIG. 1

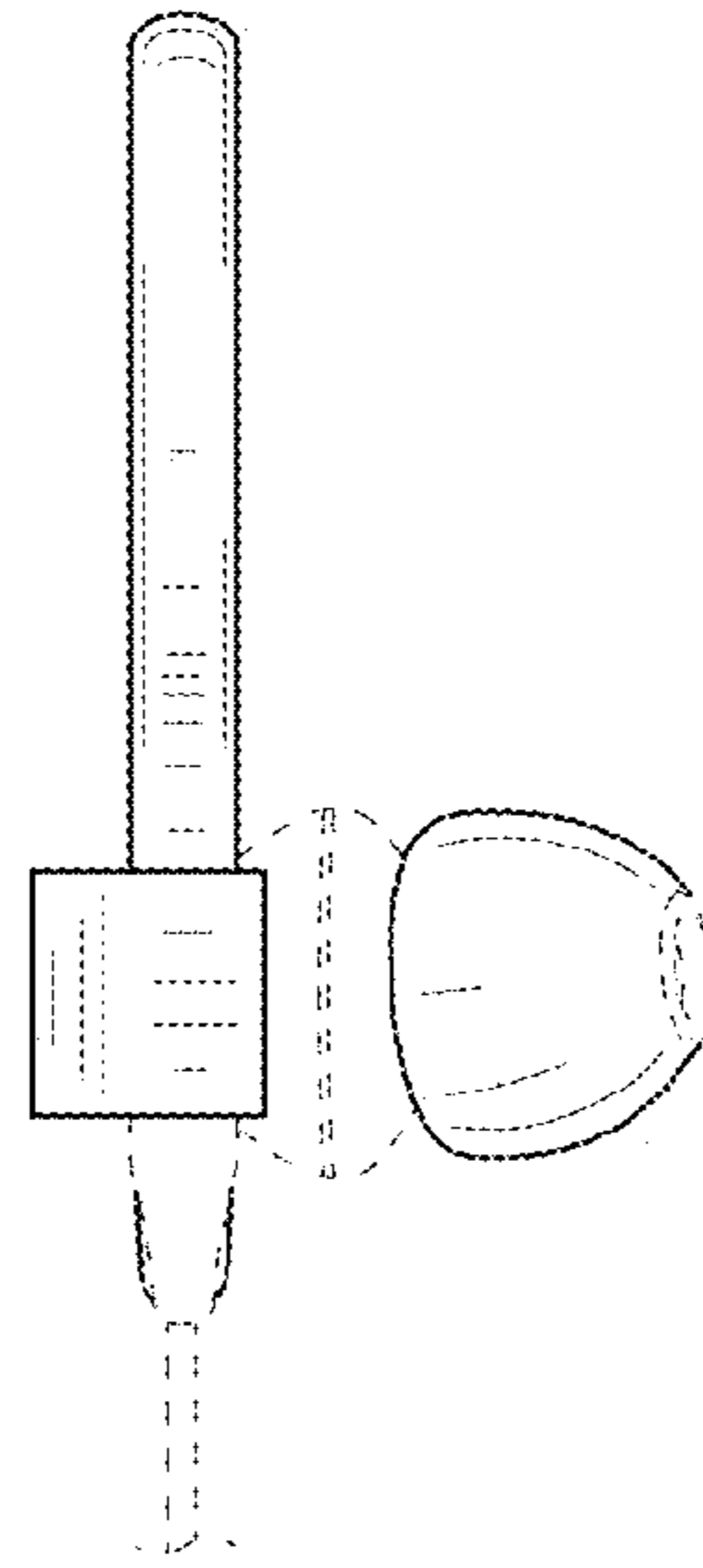


FIG. 2

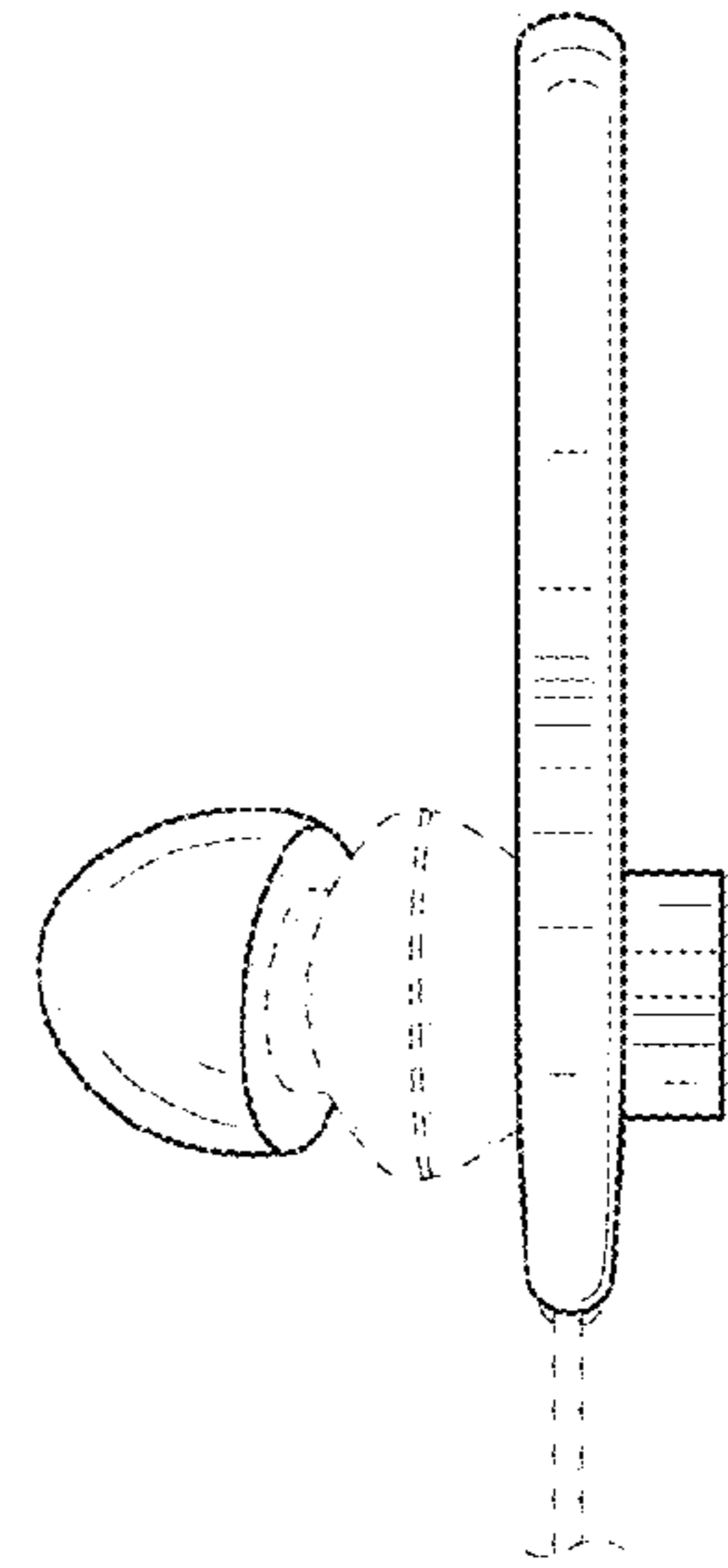


FIG. 3

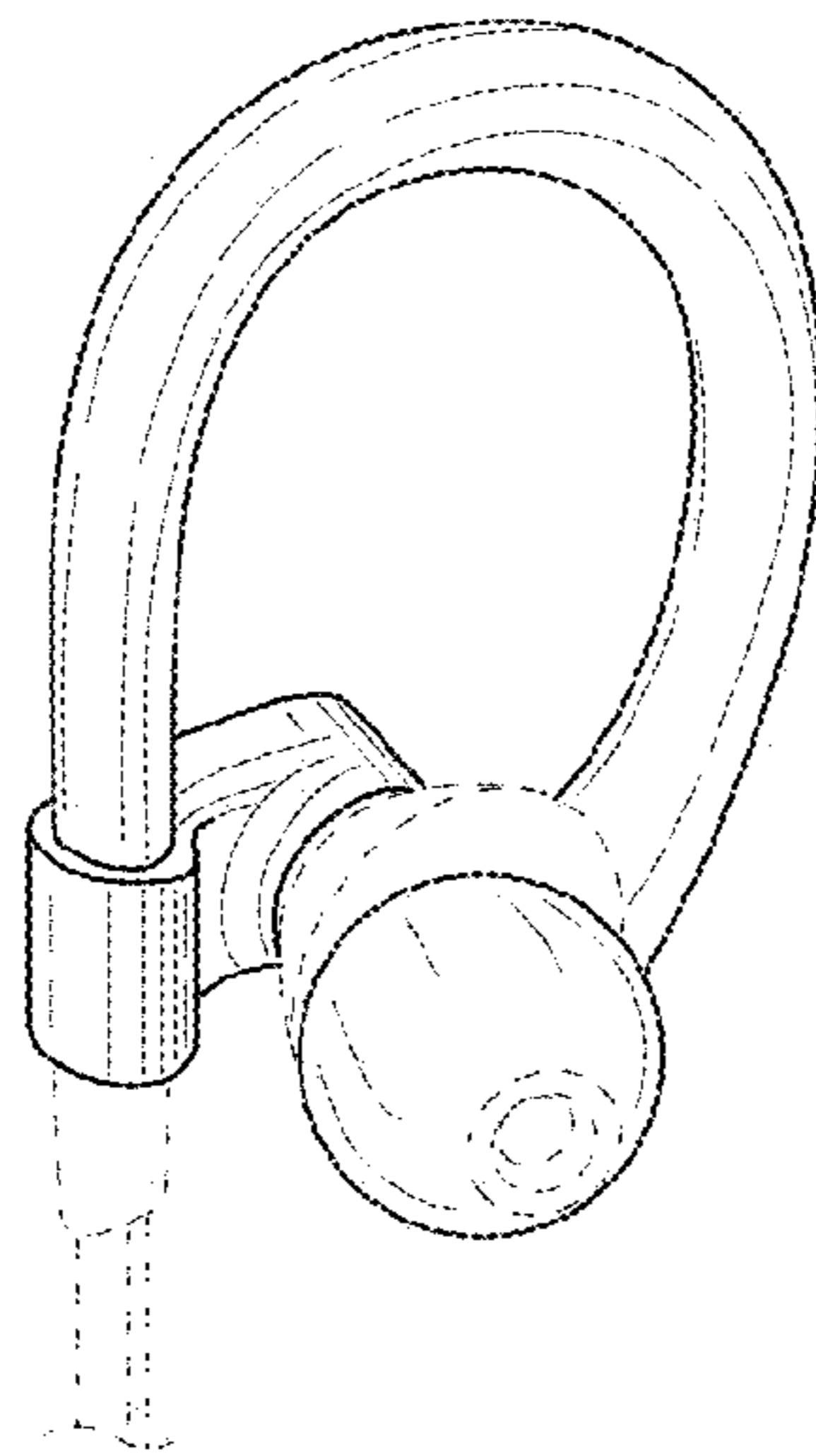


FIG. 4

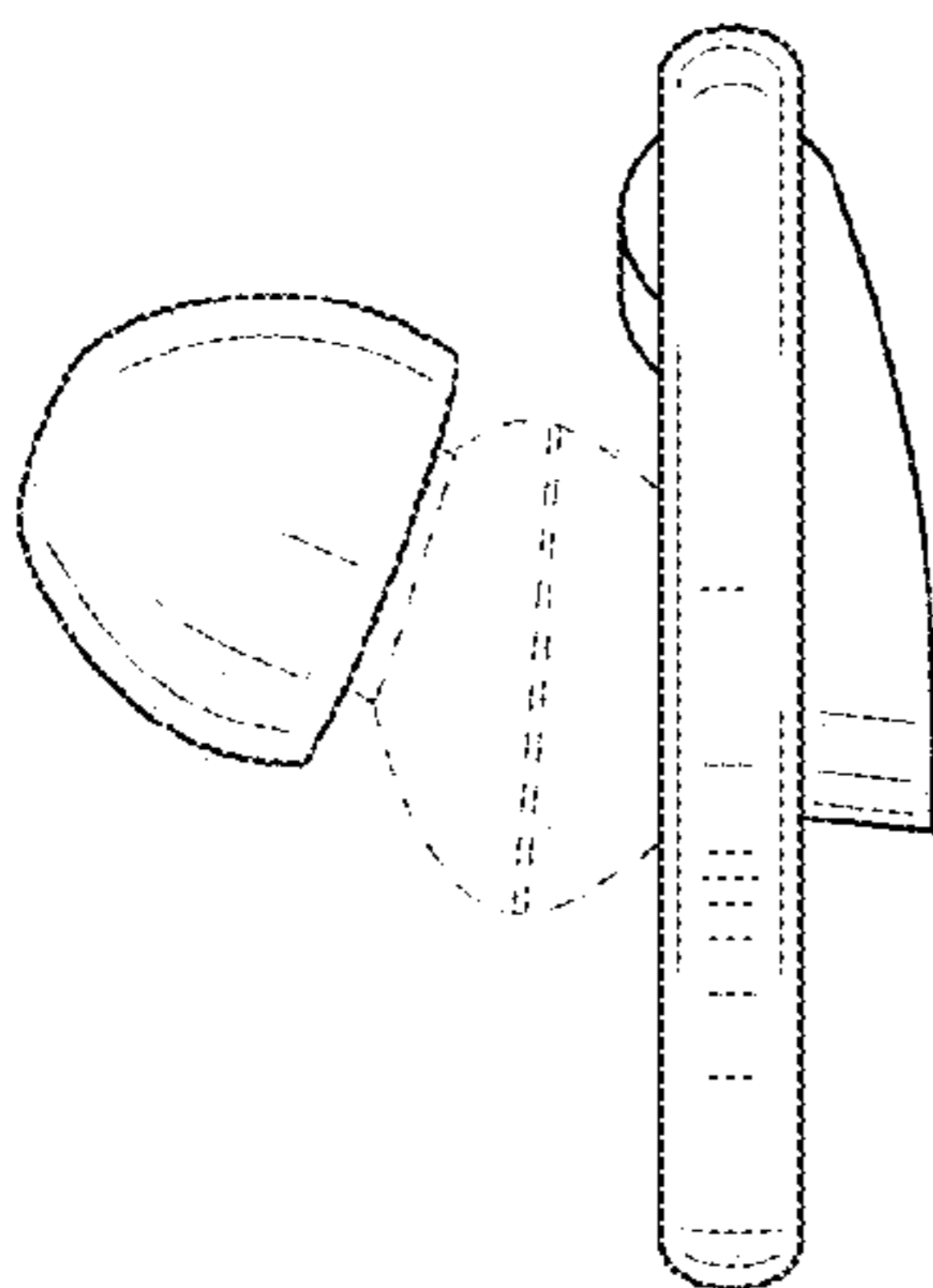


FIG. 5

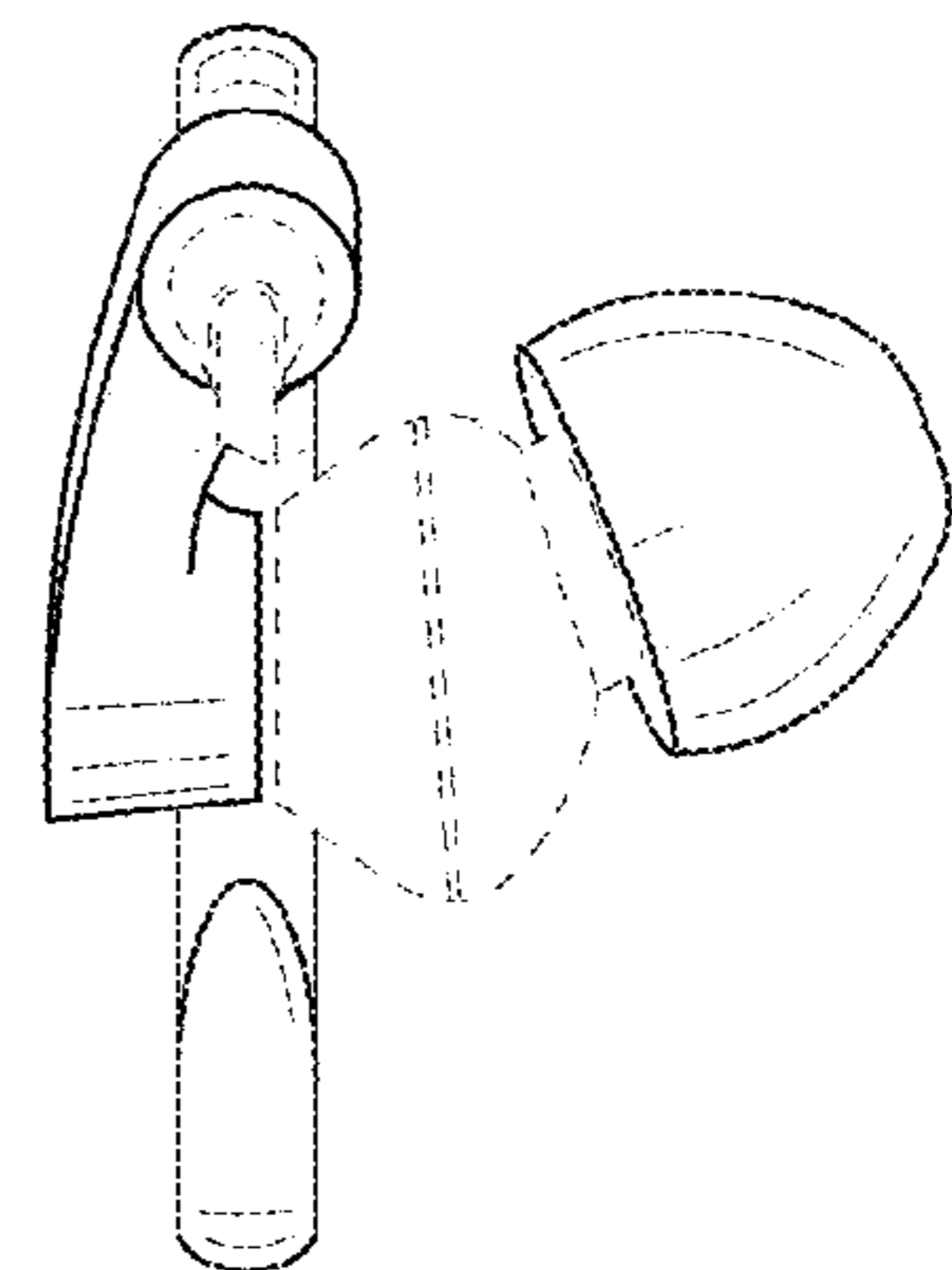


FIG. 6