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(12) **United States Design Patent** (10) **Patent No.:** **US D792,378 S**
Brunner et al. (45) **Date of Patent:** **** Jul. 18, 2017**

(54) **EARPIECE**
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(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

2,248,837 A 7/1941 Walters
2,430,229 A 11/1947 Kelsey
2,474,135 A 6/1949 White
2,545,731 A 3/1951 French
2,739,660 A 3/1956 French
3,319,736 A * 5/1967 Reynolds, Jr. A61B 7/02
181/131
D233,444 S 10/1974 Christian et al.
D241,881 S 10/1976 Peterson et al.
(Continued)

(**) Term: **15 Years**
(21) Appl. No.: **29/540,941**
(22) Filed: **Sep. 29, 2015**

FOREIGN PATENT DOCUMENTS

TW D126814 S 1/2009

OTHER PUBLICATIONS

U.S. Appl. No. 29/365,975 inventors Lee, N., et al., filed Jul. 16, 2010.

(Continued)

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Related U.S. Application Data

(60) 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, application No. 29/540,941, which is a continuation of application No. 29/501,037, filed on Aug. 29, 2014, now Pat. No. Des. 740,260, which is a division of application No. 29/441,334, filed on Jan. 3, 2001, now Pat. No. Des. 712,382.

(51) **LOC (10) Cl.** **14-01**
(52) **U.S. Cl.**
USPC **D14/223**

(58) **Field of Classification Search**
USPC D14/205, 223, 206; D24/106; 128/864, 128/866; 379/430, 431; 181/129, 130, 181/135; 381/322, 330, 328, 361, 355, 381/382, 380, 381; 455/90.2, 575.1
CPC H04R 1/10; H04R 25/00; H04R 1/1016; H04R 1/1066
See application file for complete search history.

CLAIM

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

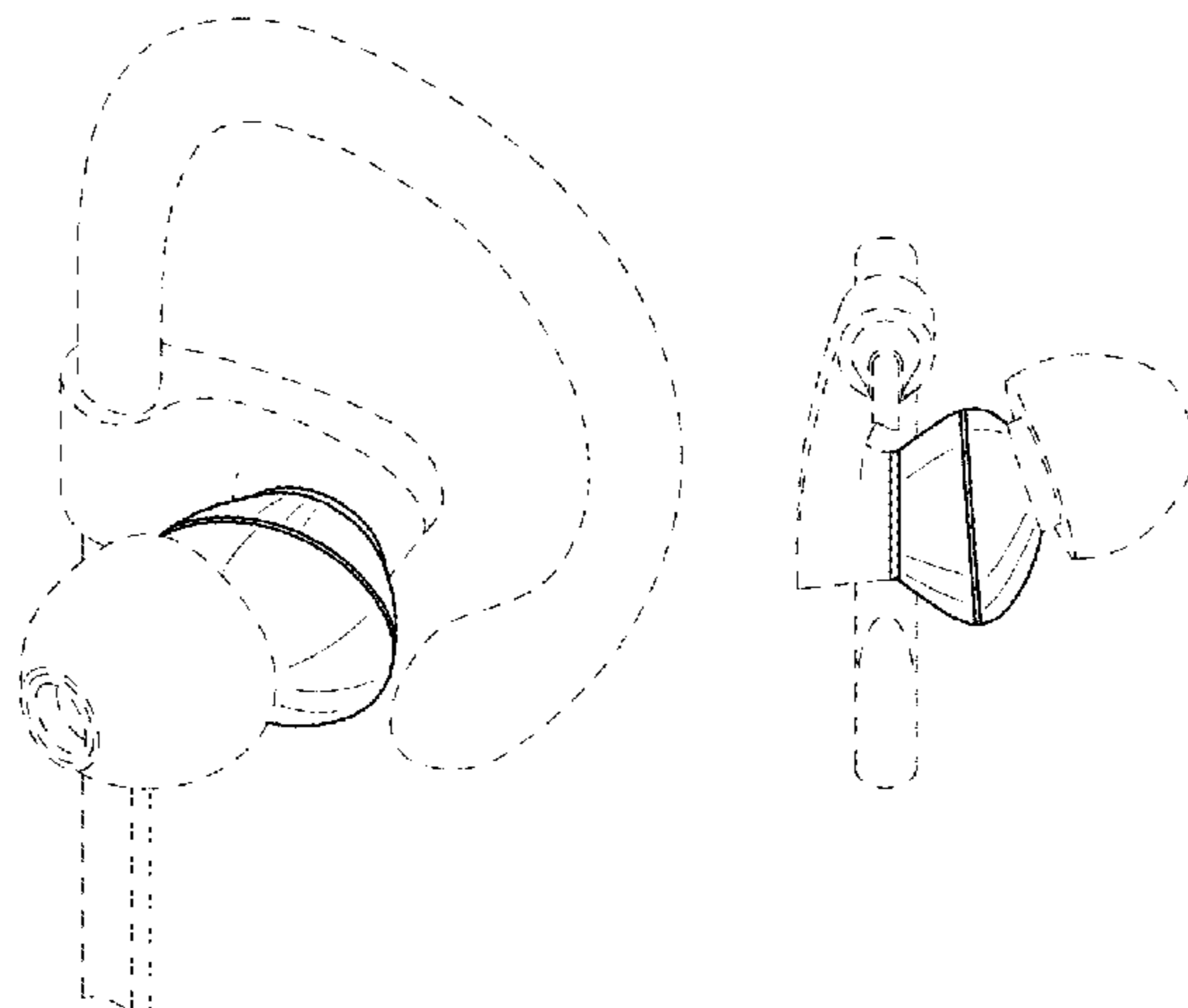
DESCRIPTION

FIG. 1 is a top rear perspective view of an earpiece showing our new 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 depict portions of the earpiece and environment that form no part of the claimed design.

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

1,558,191 A * 10/1925 Lindemann H04R 1/1008
128/864
2,009,390 A 7/1935 Bayardi

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

4,133,984	A *	1/1979	Akiyama	.....	H04R 25/456 181/135	D579,005	S *	10/2008	Wilhelmsen	.....	D14/223
4,253,452	A	3/1981	Powers et al.			D579,444	S	10/2008	Ewert et al.		
D270,634	S	9/1983	Ungar			D579,923	S *	11/2008	Andre	.....	D14/205
D276,143	S	10/1984	Williams			D582,398	S	12/2008	Nam et al.		
4,646,872	A	3/1987	Kamon et al.			D584,293	S	1/2009	Kim et al.		
D299,344	S	1/1989	Stevens			D585,881	S	2/2009	Nam et al.		
D299,454	S	1/1989	Kwong			D587,681	S *	3/2009	Yanai	.....	D14/205
D309,306	S	7/1990	Weiser et al.			D587,685	S *	3/2009	Densho	.....	D14/206
4,997,055	A *	3/1991	Grady	.....	A61B 7/026 181/131	D589,493	S *	3/2009	Densho	.....	D14/206
D316,550	S	4/1991	Sogabe			D591,264	S	4/2009	Hong et al.		
D318,670	S	7/1991	Taniguchi			D591,721	S *	5/2009	Densho	.....	D14/205
D326,855	S	6/1992	Bose et al.			D591,722	S *	5/2009	Densho	.....	D14/205
D331,966	S *	12/1992	Gardner, Jr.	.....	D14/205	D593,075	S	5/2009	Williams et al.		
5,179,501	A	1/1993	Ocken et al.			D594,441	S	6/2009	Lee et al.		
D334,043	S	3/1993	Taniguchi et al.			7,551,748	B2	6/2009	Kamo et al.		
5,210,792	A	5/1993	Kajihara			D597,084	S	7/2009	Gondo		
D375,959	S	11/1996	Davis et al.			D598,894	S *	8/2009	Masuda	.....	D14/205
5,625,171	A	4/1997	Marshall			D598,901	S	8/2009	Lee et al.		
5,659,156	A	8/1997	Mauney et al.			D599,778	S *	9/2009	Ando	.....	D14/205
D383,757	S	9/1997	Dobrusskin et al.			D599,781	S	9/2009	Lee et al.		
D385,254	S	10/1997	Owusu			D600,675	S	9/2009	Lee et al.		
D421,755	S	3/2000	Pitel			D601,126	S	9/2009	Christopher et al.		
6,056,082	A *	5/2000	Lindgren	.....	A61F 11/12 128/864	D602,475	S	10/2009	Martin		
D430,060	S	8/2000	Kavalek			D602,905	S *	10/2009	Morisawa	.....	D14/205
6,101,260	A	8/2000	Jensen et al.			D603,837	S	11/2009	Martin		
6,233,344	B1	5/2001	Clegg et al.			D603,847	S	11/2009	Chung		
D443,261	S	6/2001	Yuyama			D604,272	S *	11/2009	Kitayama	.....	D14/223
D443,859	S	6/2001	Hogan			D605,628	S	12/2009	Ando		
D457,514	S *	5/2002	Marion	.....	D14/223	D606,048	S	12/2009	Soetejo et al.		
D459,342	S	6/2002	Marion et al.			D606,971	S *	12/2009	Christopher	.....	D14/205
D460,749	S	7/2002	Liu			D607,875	S	1/2010	Pedersen, II		
6,427,018	B1	7/2002	Keliiliki			7,648,005	B2	1/2010	Leong et al.		
D463,791	S	10/2002	Nagai et al.			D609,698	S	2/2010	Ng		
D470,129	S	2/2003	Hlas et al.			7,664,287	B2	2/2010	Neu et al.		
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.		
D481,377	S	10/2003	Eguchi			7,708,110	B2	5/2010	Leong et al.		
D482,348	S	11/2003	Villaverde et al.			D617,780	S	6/2010	Jaakkola et al.		
6,728,388	B1	4/2004	Nageno et al.			D618,211	S *	6/2010	Oguro	.....	D14/205
6,738,487	B1 *	5/2004	Nageno	.....	H04R 1/1016 381/312	D618,669	S	6/2010	Johnson et al.		
6,771,790	B2	8/2004	Liu			D622,707	S	8/2010	Chen et al.		
D501,196	S	1/2005	Dyer et al.			D623,171	S *	9/2010	Chen	.....	D14/223
6,868,284	B2	3/2005	Bae			D624,529	S	9/2010	Huang		
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	.....	D14/223	7,841,446	B2	11/2010	Leong et al.		
D510,575	S	10/2005	Leong			D628,555	S	12/2010	Ponzio et al.		
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	.....	D14/206	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	.....	D14/223	D642,163	S	7/2011	Lee et al.		
D556,735	S	12/2007	Yeo			D643,414	S	8/2011	Lee		
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.		
D566,104	S	4/2008	Suzuki			8,068,633	B2	11/2011	Lee et al.		
D569,841	S	5/2008	Chung et al.			D652,817	S	1/2012	Lee et al.		
D574,361	S *	8/2008	Sasaki	.....	D14/205	D652,822	S	1/2012	Lee et al.		
D574,367	S	8/2008	Jaakkola et al.			8,090,135	B2	1/2012	Lin		
D575,772	S	8/2008	Schultz et al.			8,265,328	B2	9/2012	Milde et al.		
D576,154	S	9/2008	Ledbetter et al.			D678,251	S	3/2013	Cantoni et al.		
D578,507	S	10/2008	Ando			D686,196	S	7/2013	Lee et al.		
						D695,275	S	12/2013	Chee		
						D699,213	S	2/2014	Burgett et al.		
						D707,652	S	6/2014	Brunner et al.		
						D710,333	S	8/2014	Davies et al.		
						D712,382	S *	9/2014	Brunner	.....	D14/223
						D713,385	S	9/2014	Burgett et al.		
						D713,822	S	9/2014	Paradise et al.		
						D716,770	S	11/2014	Bonahoom et al.		

(56)

References Cited

U.S. PATENT DOCUMENTS

D725,637 S 3/2015 Nakajima
D734,744 S * 7/2015 Brunner D14/223
D740,260 S * 10/2015 Brunner D14/223
D741,299 S * 10/2015 Brunner D14/223
D743,945 S * 11/2015 Brunner D14/223
D743,946 S * 11/2015 Brunner D14/223
2009/0285434 A1 11/2009 Williams et al.
2011/0051979 A1 3/2011 Lee et al.
2011/0176700 A1* 7/2011 Hashimoto H04R 1/1016
381/380
2013/0216087 A1 8/2013 MacDonald

OTHER PUBLICATIONS

Search Report for Taiwanese Application No. 99303307 mailed on
Oct. 3, 2011.

* cited by examiner

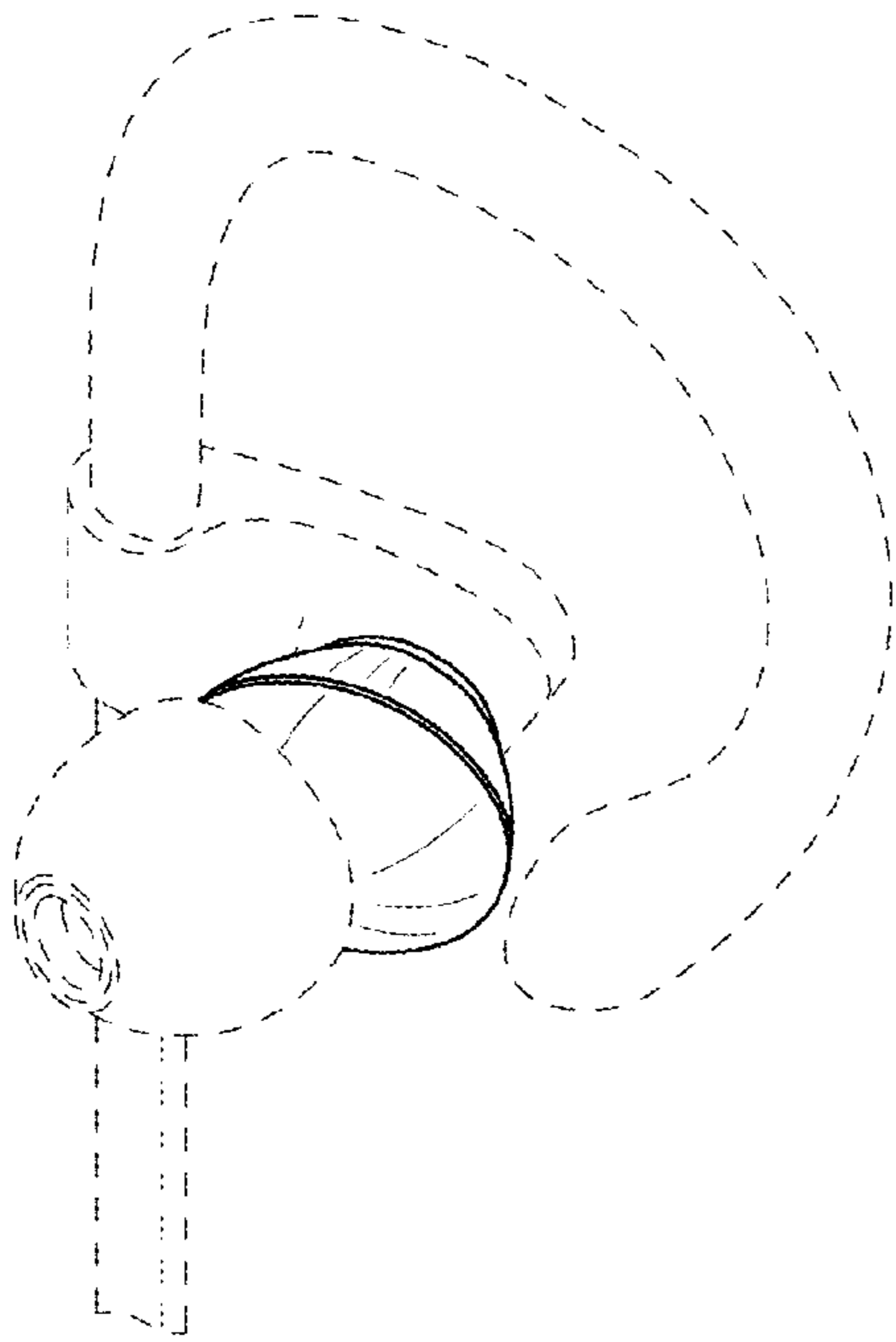


FIG. 1

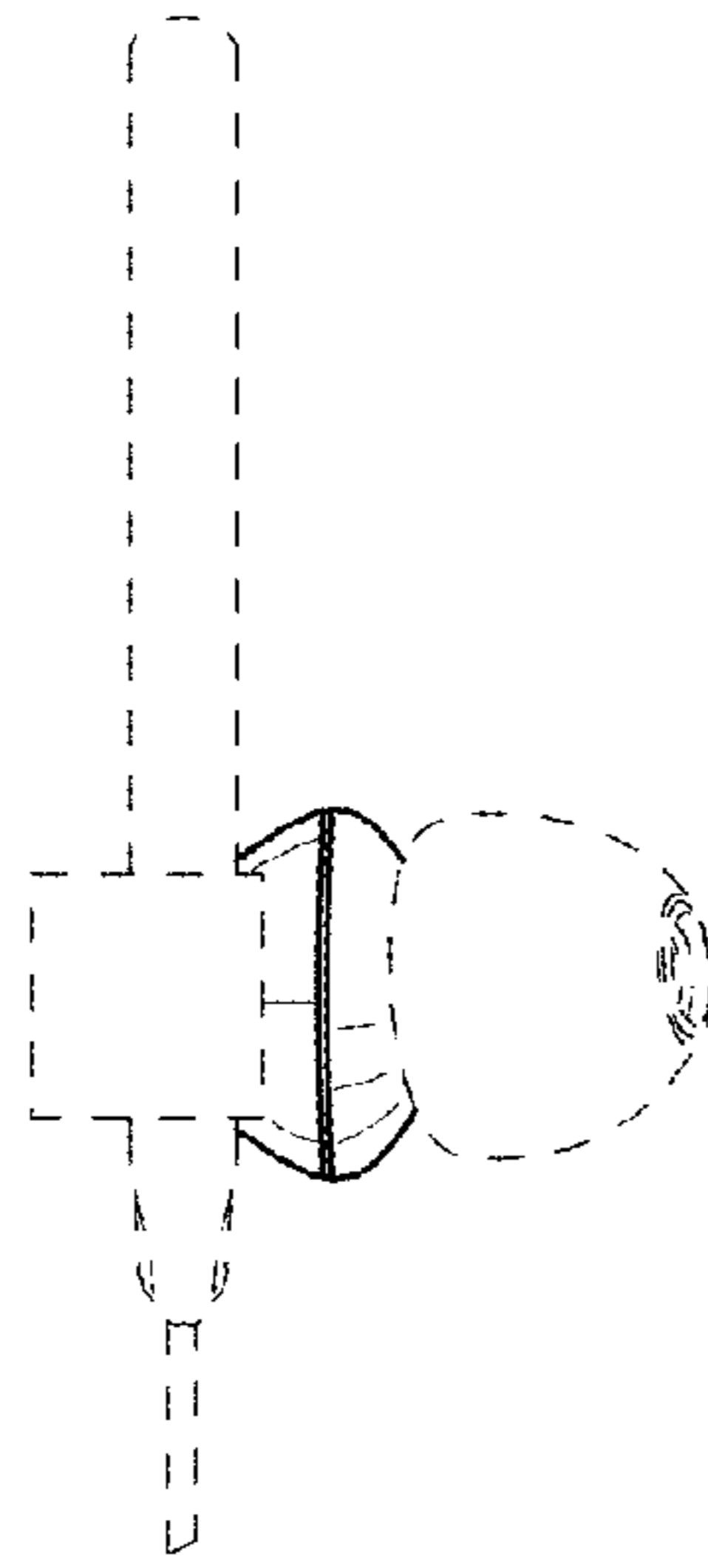


FIG. 2

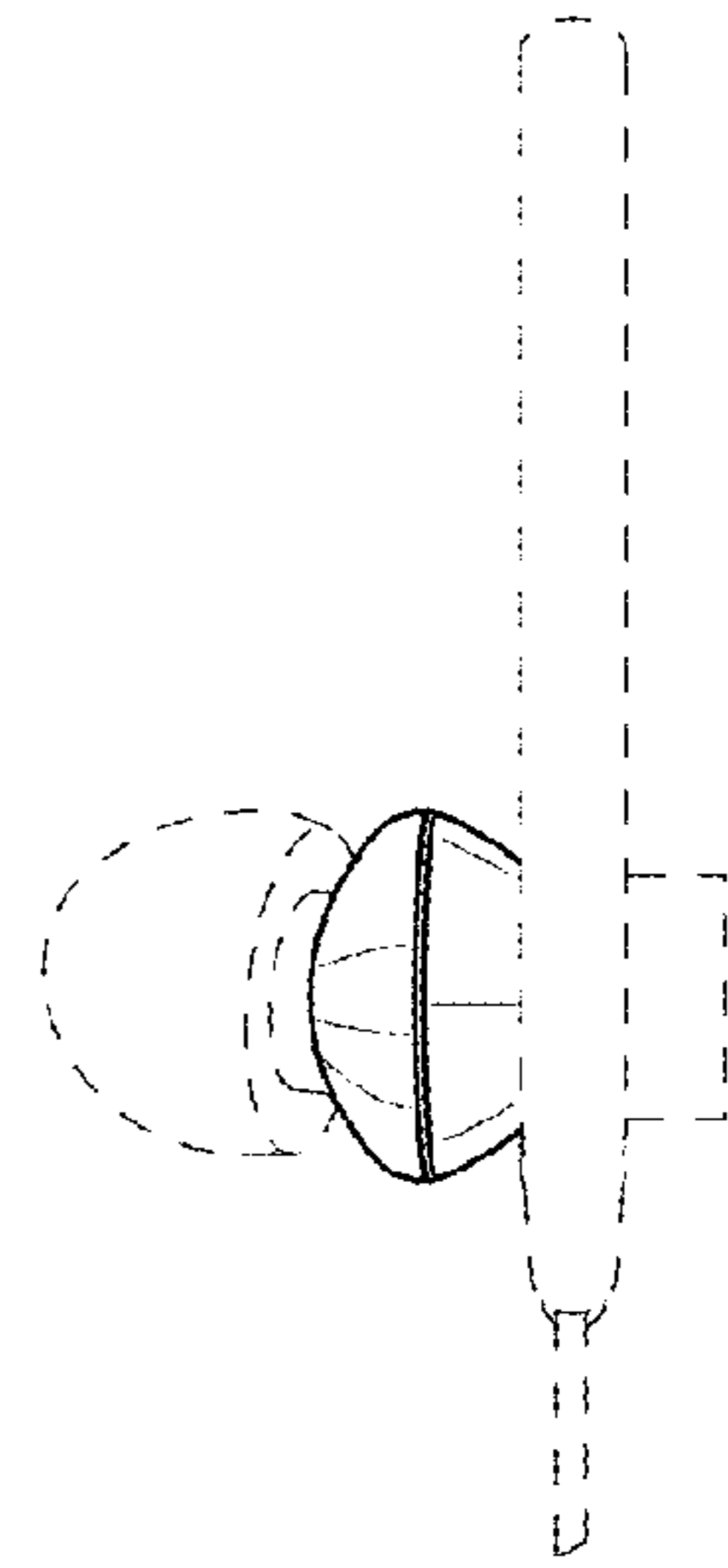


FIG. 3

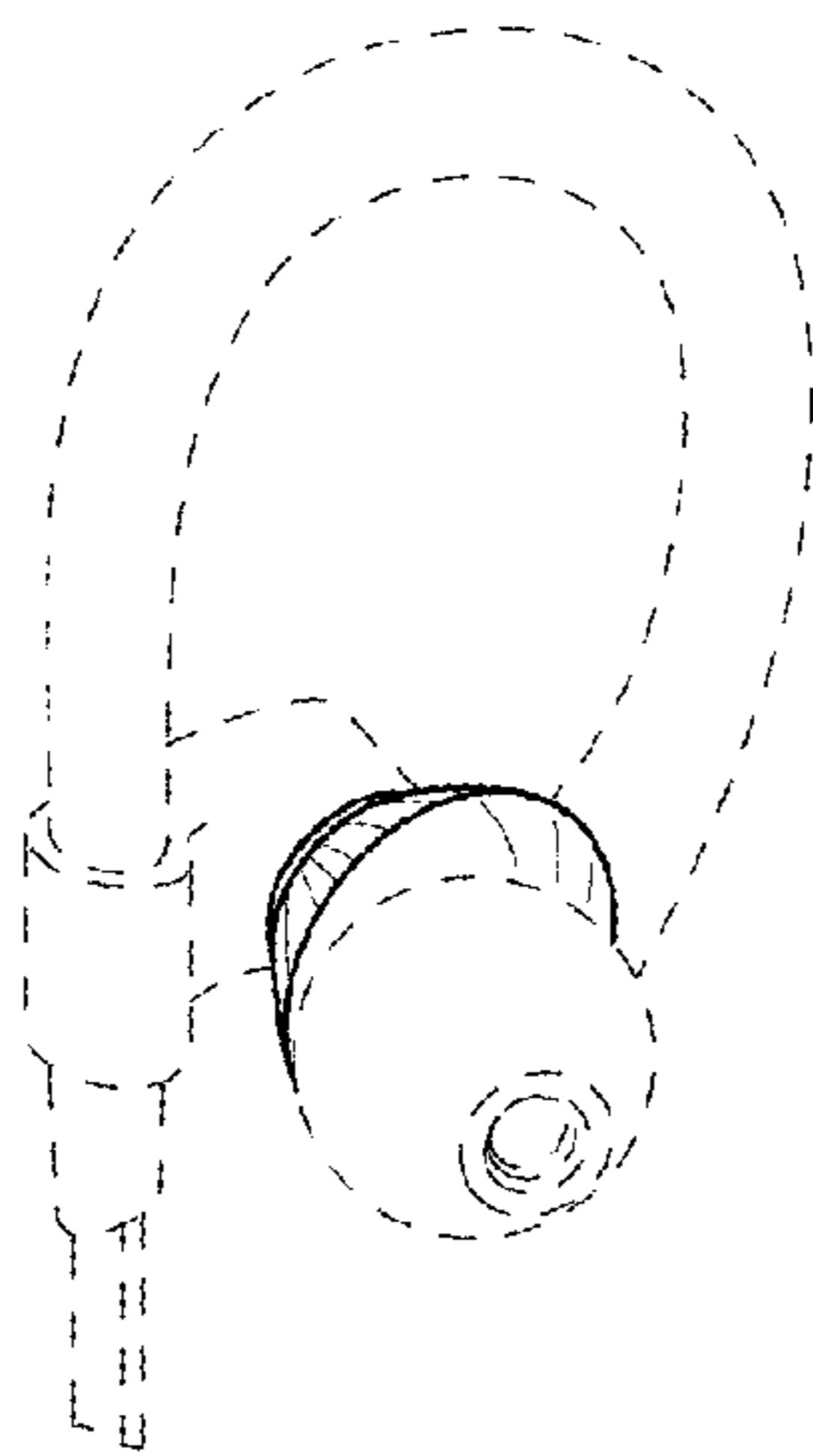


FIG. 4

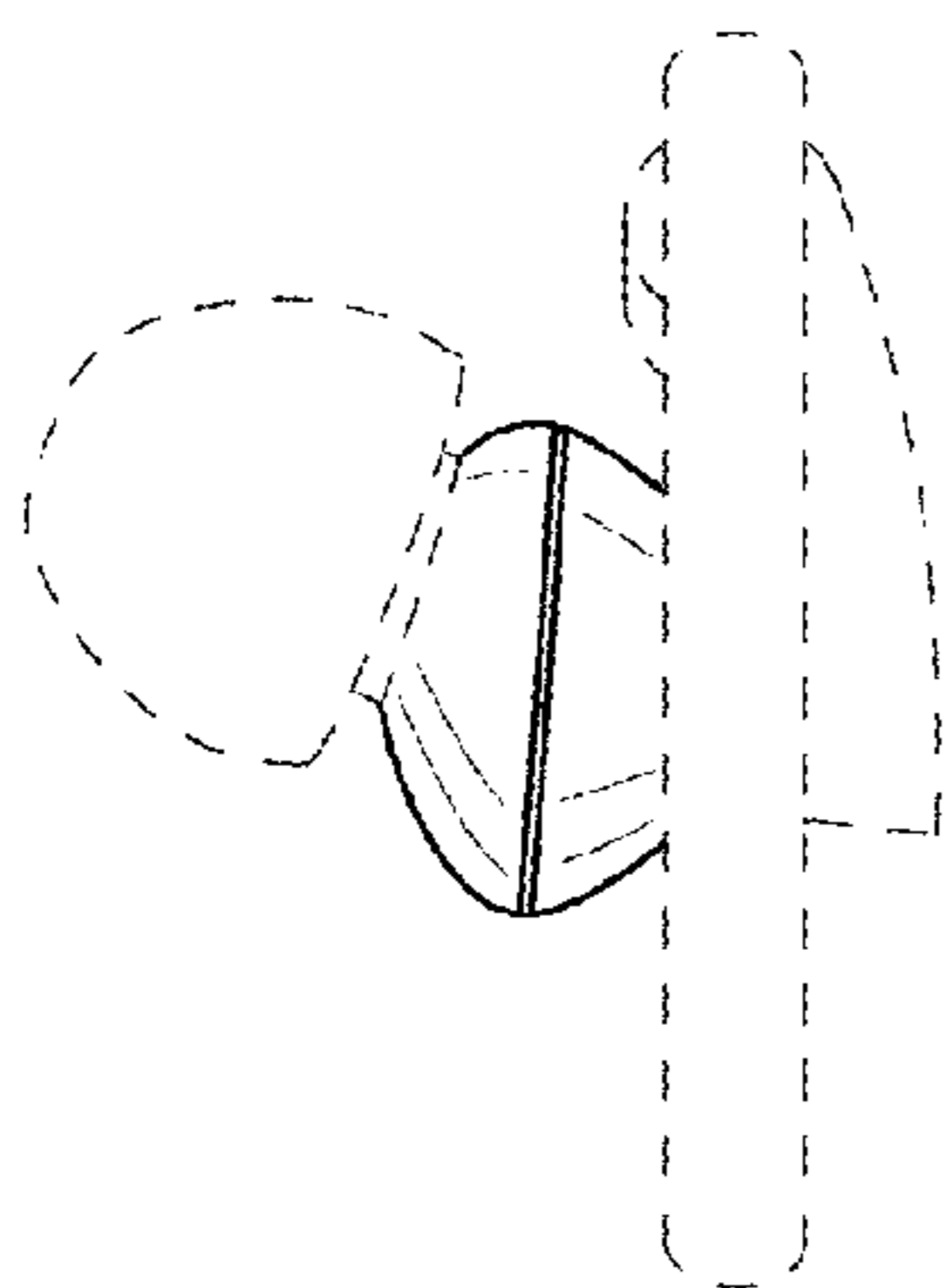


FIG. 5

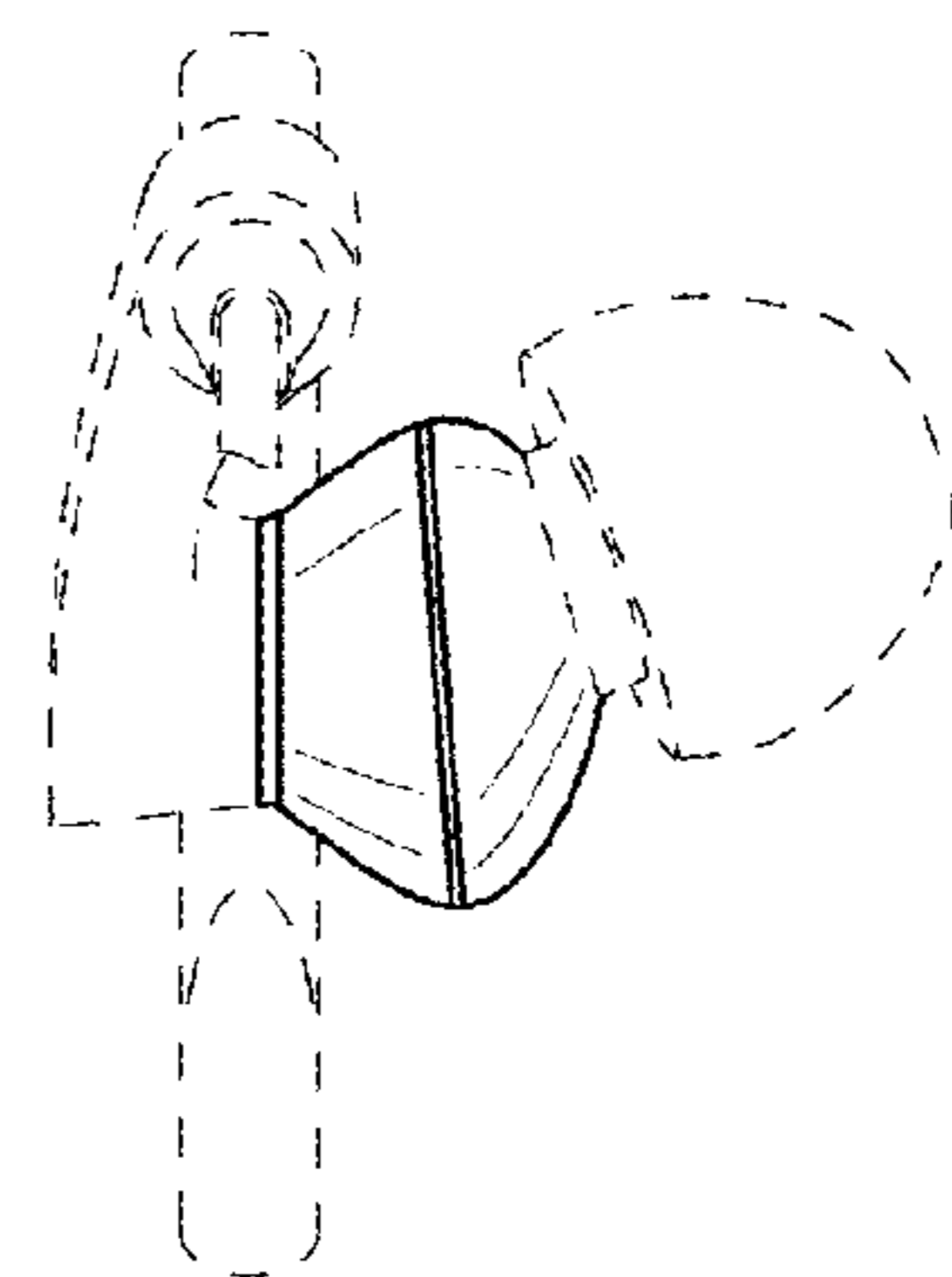


FIG. 6

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D792,378 S
APPLICATION NO. : 29/540941
DATED : July 18, 2017
INVENTOR(S) : Brunner et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

In the “Related U.S. Application Data (60)” section, Line 8, replace “application No. 29/441,334, filed on Jan. 3, 2001” with --application No. 29/441,334, filed on Jan. 3, 2013--.

In the DESCRIPTION section replace “The broken lines depict portions of the earpiece and environment that form no part of the claimed design” with --The broken lines in the figures show portions of the earpiece or environment that form no part of the claimed design--.

Signed and Sealed this
Nineteenth Day of December, 2017



Joseph Matal
*Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office*