



US00D968363S

(12) **United States Design Patent** (10) **Patent No.:** **US D968,363 S**
Ott et al. (45) **Date of Patent:** **** *Nov. 1, 2022**

(54) **EARPHONES**

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
1/1091

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See application file for complete search history.

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(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
2,261,448 A	11/1941	Petersen

(Continued)

FOREIGN PATENT DOCUMENTS

EM	002765230-0001	9/2015
EM	004596161-0001	1/2018

(Continued)

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(57) **CLAIM**

The ornamental design for earphones, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of earphones showing the claimed design;
FIG. 2 is a bottom rear perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear 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 dashed broken lines in the figures show portions of the earphones that form no part of the claimed design.

1 Claim, 6 Drawing Sheets

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

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/814,679**

(22) Filed: **Nov. 8, 2021**

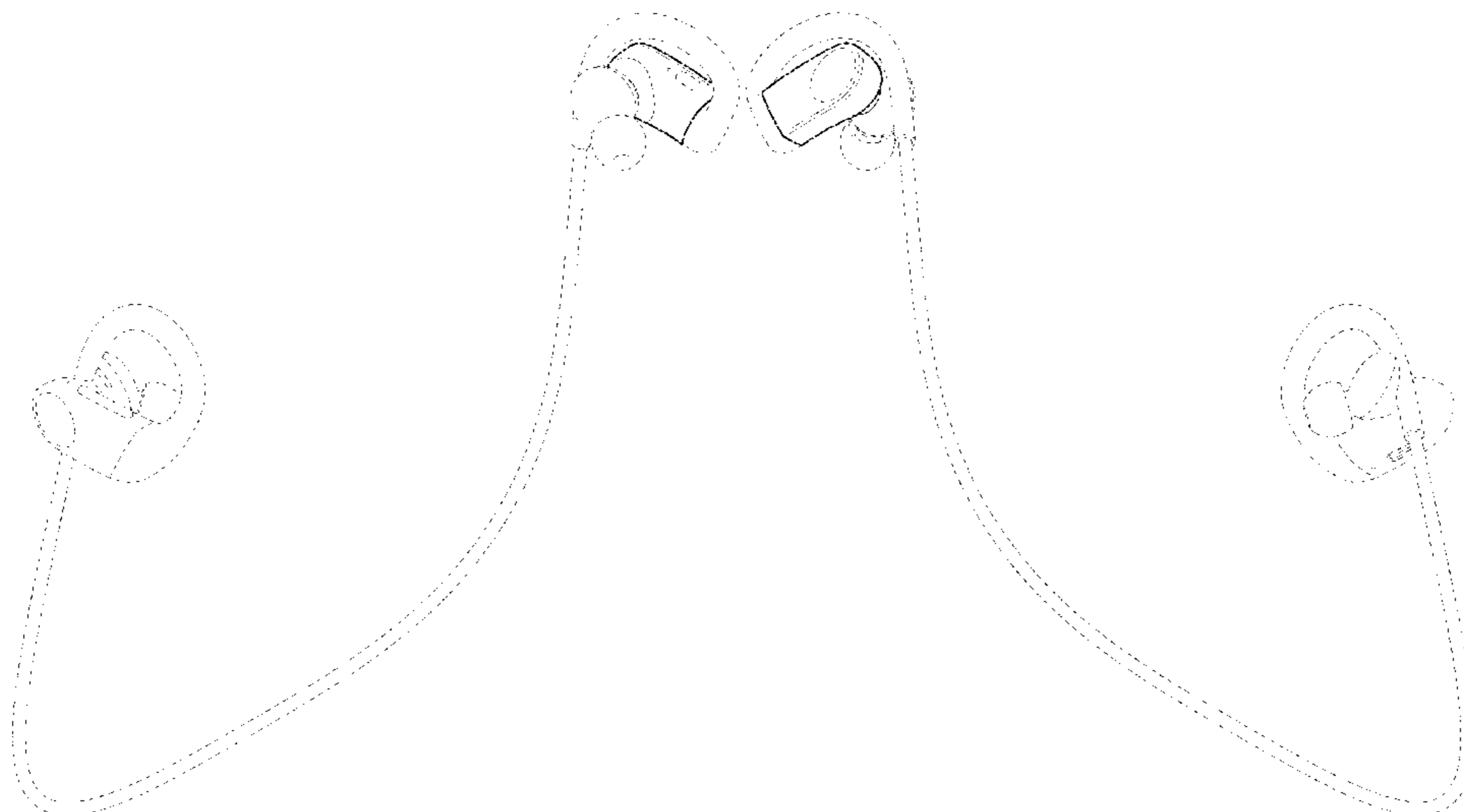
Related U.S. Application Data

(63) Continuation of application No. 29/783,996, filed on May 17, 2021, now Pat. No. Des. 935,436, which is a continuation of application No. 29/717,269, filed on Dec. 16, 2019, now Pat. No. Des. 919,595, and a continuation of application No. 29/717,267, filed on Dec. 16, 2019, now Pat. No. Des. 919,594, which is a continuation of application No. 29/685,000, filed on Mar. 25, 2019, now Pat. No. Des. 896,200.

(51) **LOC (13) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/205**

(58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 128/864-866;
381/380, 381, 328; 455/90.3, 575.1,
455/569.1



(56)

References Cited

U.S. PATENT DOCUMENTS

2,430,229	A	11/1947	Kelsey	D543,968	S	6/2007	Wong
2,474,135	A	6/1949	White	D543,972	S	6/2007	Taylor
2,545,731	A	3/1951	French	7,231,056	B2	6/2007	Chen
2,719,523	A	10/1955	von Gierke	D550,202	S	9/2007	Meier et al.
2,739,660	A	3/1956	French	D550,657	S	9/2007	Gan et al.
3,319,736	A	5/1967	Reynolds, Jr.	D554,109	S	10/2007	Ledbetter et al.
D233,444	S	10/1974	Christian	D554,627	S	11/2007	Gondo
D241,881	S	10/1976	Petersen et al.	D556,735	S	12/2007	Yeo
4,133,984	A	1/1979	Akiyama	D558,735	S	1/2008	Carr et al.
4,253,452	A	3/1981	Powers et al.	D559,837	S	1/2008	Nakano
D259,279	S	5/1981	Takeda	D564,495	S	3/2008	Sasaki
D270,634	S	9/1983	Ungar	D566,104	S	4/2008	Suzuki
D276,143	S	10/1984	Williams	D569,841	S	5/2008	Chung et al.
4,646,872	A	3/1987	Kamon et al.	D574,361	S	8/2008	Sasaki
D299,344	S	1/1989	Stevens	D574,367	S	8/2008	Jaakkola et al.
D299,454	S	1/1989	Kwong	D575,772	S	8/2008	Schultz et al.
D304,191	S	10/1989	Sekine	D576,154	S	9/2008	Ledbetter et al.
D309,306	S	7/1990	Weiser et al.	D578,507	S	10/2008	Ando
4,997,055	A	3/1991	Grady	D579,005	S	10/2008	Wilhelmsen
D316,550	S	4/1991	Sogabe	D579,444	S	10/2008	Ewert et al.
D318,670	S	7/1991	Taniguchi	D579,923	S	11/2008	Andre et al.
D326,655	S	6/1992	Iribe	D581,396	S	11/2008	Wikel et al.
D326,855	S	6/1992	Bose et al.	D582,398	S	12/2008	Nam et al.
D331,966	S	12/1992	Gardner	D582,897	S	12/2008	Christopher et al.
5,179,501	A	1/1993	Ocken et al.	D584,293	S	1/2009	Kim et al.
D334,043	S	3/1993	Taniguchi et al.	D584,294	S	1/2009	Nam et al.
5,210,792	A	5/1993	Kajihara	D585,881	S	2/2009	Nam et al.
5,410,608	A	4/1995	Lucey et al.	D587,681	S	3/2009	Yanai
D375,959	S	11/1996	Davis et al.	D587,685	S	3/2009	Densho
5,625,171	A	4/1997	Marshall	D589,493	S	3/2009	Densho
5,659,156	A	8/1997	Mauney et al.	D591,264	S	4/2009	Hong et al.
D383,757	S	9/1997	Dobrusskin et al.	D591,721	S	5/2009	Densho
D385,254	S	10/1997	Owusu	D591,722	S	5/2009	Densho
D403,300	S	12/1998	Renk	D593,075	S	5/2009	Williams et al.
D421,755	S	3/2000	Pitel	D594,441	S	6/2009	Lee et al.
6,056,082	A	5/2000	Lindgren et al.	7,551,748	B2	6/2009	Kamo et al.
D430,060	S	8/2000	Kavalek	D597,084	S	7/2009	Gondo
6,101,260	A	8/2000	Jensen et al.	D598,894	S	8/2009	Masuda et al.
D436,623	S	1/2001	Schmidt et al.	D598,901	S	8/2009	Lee et al.
6,233,344	B1	5/2001	Clegg et al.	D599,778	S	9/2009	Ando
D443,261	S	6/2001	Yuyama	D599,781	S	9/2009	Lee et al.
D443,859	S	6/2001	Hogan	D600,675	S	9/2009	Lee et al.
D457,514	S	5/2002	Marion et al.	D601,126	S	9/2009	Christopher et al.
D459,342	S	6/2002	Marion et al.	D601,548	S	10/2009	Morisawa
D460,749	S	7/2002	Liu	D602,475	S	10/2009	Martin
6,427,018	B1	7/2002	Keliiliki	D602,905	S	10/2009	Morisawa
D463,791	S	10/2002	Nagai et al.	D603,377	S	11/2009	Chung
D470,129	S	2/2003	Hlas et al.	D603,378	S	11/2009	Paradise
D471,889	S	3/2003	Rath et al.	D603,837	S	11/2009	Martin
D475,996	S	6/2003	Skulley	D603,847	S	11/2009	Chung
D477,593	S	7/2003	Komiyama	D604,272	S	11/2009	Kitayama
D481,377	S	10/2003	Eguchi	D605,171	S	12/2009	Gal
D482,348	S	11/2003	Villaverde et al.	D605,628	S	12/2009	Ando
D484,166	S	12/2003	Senda	D606,048	S	12/2009	Soetejo et al.
6,728,388	B1	4/2004	Nageno et al.	D606,971	S	12/2009	Christopher et al.
6,738,487	B1	5/2004	Nageno et al.	D607,875	S	1/2010	Pedersen, II
6,771,790	B2	8/2004	Liu	7,648,005	B2	1/2010	Leong et al.
D501,196	S	1/2005	Dyer et al.	D609,698	S	2/2010	Ng
6,868,284	B2	3/2005	Bae	D609,699	S	2/2010	Burnham
D508,479	S	8/2005	Okada	7,664,287	B2	2/2010	Neu et al.
D508,911	S	8/2005	Sanders	7,681,577	B2	3/2010	Blanchard
D510,085	S	9/2005	Suzuki	D613,274	S	4/2010	Lee et al.
D510,575	S	10/2005	Leong	D614,168	S	4/2010	Rogers et al.
D526,642	S	8/2006	Choe	7,708,110	B2	5/2010	Leong et al.
D528,531	S	9/2006	Rose et al.	D617,780	S	6/2010	Jaakkola et al.
D529,901	S	10/2006	Ohta	D618,211	S	6/2010	Oguro et al.
D535,642	S	1/2007	Garcia et al.	D618,669	S	6/2010	Johnson et al.
D538,269	S	3/2007	Tragatschnig	D619,561	S	7/2010	Yang
D538,270	S	3/2007	Kim et al.	D622,707	S	8/2010	Chen et al.
D538,271	S	3/2007	Kim et al.	D623,171	S	9/2010	Chen et al.
D538,792	S	3/2007	Kim et al.	D624,529	S	9/2010	Huang
D539,268	S	3/2007	Suzuki	D624,901	S	10/2010	Blanchard
D539,787	S	4/2007	Kim et al.	D626,117	S	10/2010	Lowry
D542,267	S	5/2007	Cha et al.	D627,764	S	11/2010	Tsai et al.
D542,282	S	5/2007	Yoshiyama	7,841,446	B2	11/2010	Leong et al.
				D628,555	S	12/2010	Ponzio et al.
				D630,179	S	1/2011	Park et al.
				D631,037	S	1/2011	Park et al.
				D631,470	S	1/2011	Yoneyama et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

D634,305 S 3/2011 Hoggarth
 D635,960 S 4/2011 Gondo et al.
 D636,763 S 4/2011 Walter
 D637,182 S 5/2011 Lee et al.
 D637,998 S 5/2011 Brunner et al.
 D637,999 S 5/2011 Brunner et al.
 D638,409 S 5/2011 Walter
 D641,008 S 7/2011 Lee et al.
 D641,010 S 7/2011 Kwon
 D641,736 S 7/2011 Brunner et al.
 D642,163 S 7/2011 Lee et al.
 D643,414 S 8/2011 Lee et al.
 D643,416 S 8/2011 Chong et al.
 D643,417 S 8/2011 Lee et al.
 D643,418 S 8/2011 Lee et al.
 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
 D656,490 S 3/2012 Birger
 D658,157 S 4/2012 McManigal
 8,265,328 B2 9/2012 Milde et al.
 D668,631 S 10/2012 Katsumata et al.
 D671,523 S 11/2012 Daniel
 D678,251 S 3/2013 Cantoni et al.
 D685,768 S 7/2013 Mogili
 D686,196 S 7/2013 Lee et al.
 D691,580 S 10/2013 Cho et al.
 D695,275 S 12/2013 Chee
 D699,213 S 2/2014 Burgett et al.
 8,655,005 B2 2/2014 Birger et al.
 D700,905 S 3/2014 Pavitsich
 D706,242 S 6/2014 Yang
 D707,652 S 6/2014 Brunner et al.
 D710,333 S 8/2014 Davies et al.
 D712,382 S 9/2014 Brunner et al.
 D713,385 S 9/2014 Burgett et al.
 D713,822 S 9/2014 Paradise et al.
 D716,770 S 11/2014 Bonahoom et al.
 8,908,899 B1 12/2014 Yang
 D725,637 S 3/2015 Nakajima
 D730,876 S 6/2015 Dahlberg
 D732,509 S 6/2015 Brunner et al.
 D734,744 S 7/2015 Brunner et al.
 D739,377 S 9/2015 Yeom et al.
 D740,260 S 10/2015 Brunner et al.
 D741,299 S 10/2015 Brunner et al.
 D743,945 S 11/2015 Brunner et al.
 D743,946 S 11/2015 Brunner et al.
 9,197,956 B2 11/2015 Iseberg et al.
 D745,862 S 12/2015 Otani et al.
 D753,626 S 4/2016 Tran
 D759,634 S 6/2016 Brunner et al.
 D761,770 S 7/2016 Kanou
 D767,532 S 9/2016 Jen
 D775,610 S 1/2017 Nakajima
 D778,257 S 2/2017 Hu
 D780,721 S 3/2017 Brunner et al.
 D782,996 S 4/2017 Zhu
 D787,477 S 5/2017 Lee
 D792,378 S 7/2017 Brunner et al.
 D796,487 S 9/2017 Brunner et al.
 D799,316 S 10/2017 Thain et al.
 D806,684 S 1/2018 Tsai
 D807,331 S 1/2018 Morimoto
 D809,487 S 2/2018 Lee et al.
 D810,053 S 2/2018 Otani et al.
 D816,060 S 4/2018 Wei
 D816,637 S 5/2018 Hardi
 D817,301 S 5/2018 Aoyagi et al.
 D817,305 S 5/2018 Hsieh et al.
 D821,364 S 6/2018 Brunner et al.
 D830,337 S 10/2018 Yan
 D831,610 S 10/2018 Aoyagi et al.
 D834,003 S 11/2018 Maeda

10,154,334 B1 12/2018 Lin et al.
 D838,256 S 1/2019 Wang et al.
 D838,692 S 1/2019 Fu
 D843,344 S 3/2019 Zhu
 D843,971 S 3/2019 Xu et al.
 D844,588 S 4/2019 Brunner et al.
 D845,926 S 4/2019 Aoyagi et al.
 D847,780 S 5/2019 Brunner et al.
 D850,408 S 6/2019 Kawabata
 D858,482 S 9/2019 Ma
 D860,164 S 9/2019 Lin
 D863,265 S 10/2019 Hu
 D868,265 S 11/2019 McCafferty
 10,477,307 B1 11/2019 Zhang et al.
 D868,749 S 12/2019 Brunner et al.
 D869,435 S 12/2019 Sanhua et al.
 D871,375 S 12/2019 Meyer
 D873,789 S 1/2020 Hu
 D878,338 S 3/2020 Yang
 D881,850 S 4/2020 Zhang
 D883,259 S 5/2020 Ma
 D885,370 S 5/2020 Hu
 D888,023 S 6/2020 Gao
 D888,072 S 6/2020 Klein et al.
 D890,125 S 7/2020 Feng
 D890,135 S 7/2020 Tompson et al.
 D890,137 S 7/2020 Ma
 D890,725 S 7/2020 Liu
 D896,200 S 9/2020 Ott et al.
 D896,204 S 9/2020 Brunner et al.
 D897,320 S 9/2020 Boyd et al.
 D899,406 S 10/2020 Ma
 D904,761 S 12/2020 Koneru et al.
 D904,762 S 12/2020 Koneru et al.
 D904,763 S 12/2020 Koneru et al.
 D904,764 S 12/2020 Koneru et al.
 D905,002 S 12/2020 Koneru et al.
 D907,608 S 1/2021 Xie
 D913,994 S 3/2021 Brunner et al.
 D916,055 S * 4/2021 Xiao D14/223
 D916,056 S 4/2021 Boyd et al.
 D916,057 S 4/2021 Boyd et al.
 D919,594 S 5/2021 Ott et al.
 D919,595 S 5/2021 Ott et al.
 D928,125 S * 8/2021 Brunner D14/223
 D934,205 S * 10/2021 Brunner D14/223
 D935,436 S * 11/2021 Ott D14/223
 D939,476 S * 12/2021 Lee D14/223
 D942,971 S * 2/2022 Boyd D14/223
 2007/0104345 A1 5/2007 Yang
 2009/0285434 A1 11/2009 Williams et al.
 2010/0166208 A1 7/2010 Kato
 2011/0051979 A1 3/2011 Lee et al.
 2011/0176700 A1 7/2011 Hashimoto
 2013/0216087 A1 8/2013 MacDonald
 2014/0072137 A1 3/2014 Nelson
 2014/0119555 A1 5/2014 Lu
 2014/0138150 A1 5/2014 Huang
 2014/0166389 A1 6/2014 Young-Mun
 2015/0330478 A1 11/2015 Grewal
 2017/0105679 A1 4/2017 Gil
 2018/0275950 A1 9/2018 Takagi et al.
 2020/0100011 A1 3/2020 Bruss et al.
 2020/0154196 A1 5/2020 Kolton
 2020/0314518 A1 10/2020 Hatfield et al.
 2020/0413179 A1 12/2020 Boyd et al.

FOREIGN PATENT DOCUMENTS

EM 006377511-0001 4/2019
 EM 006747515-0001 8/2019
 EM 006910618-0008 * 9/2019
 EM 006950184-0001 10/2019
 GB 9006910113-0007 * 9/2019
 GB 9006910113-0008 * 9/2019
 JP D1616785 10/2018

* cited by examiner

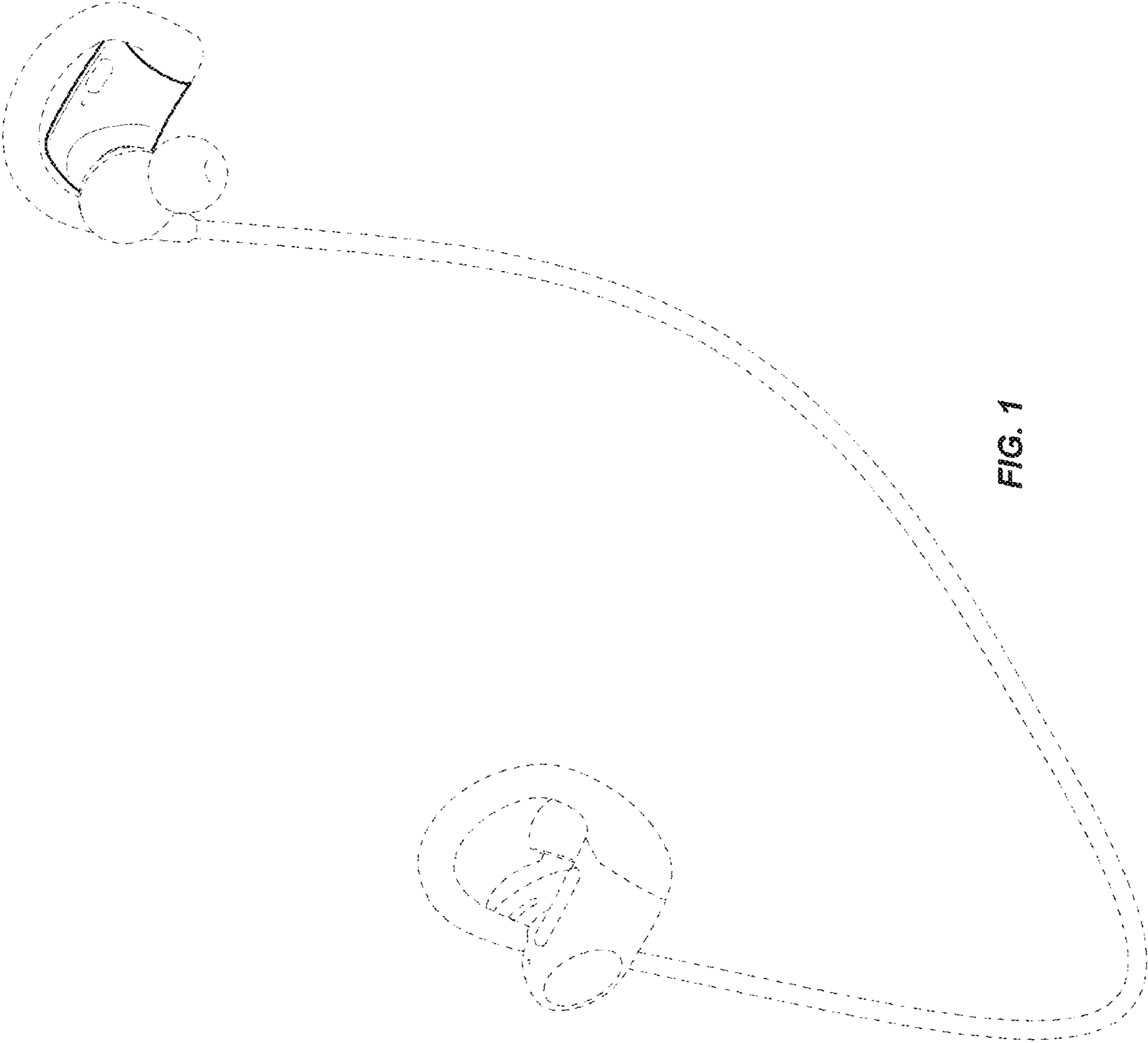


FIG. 1

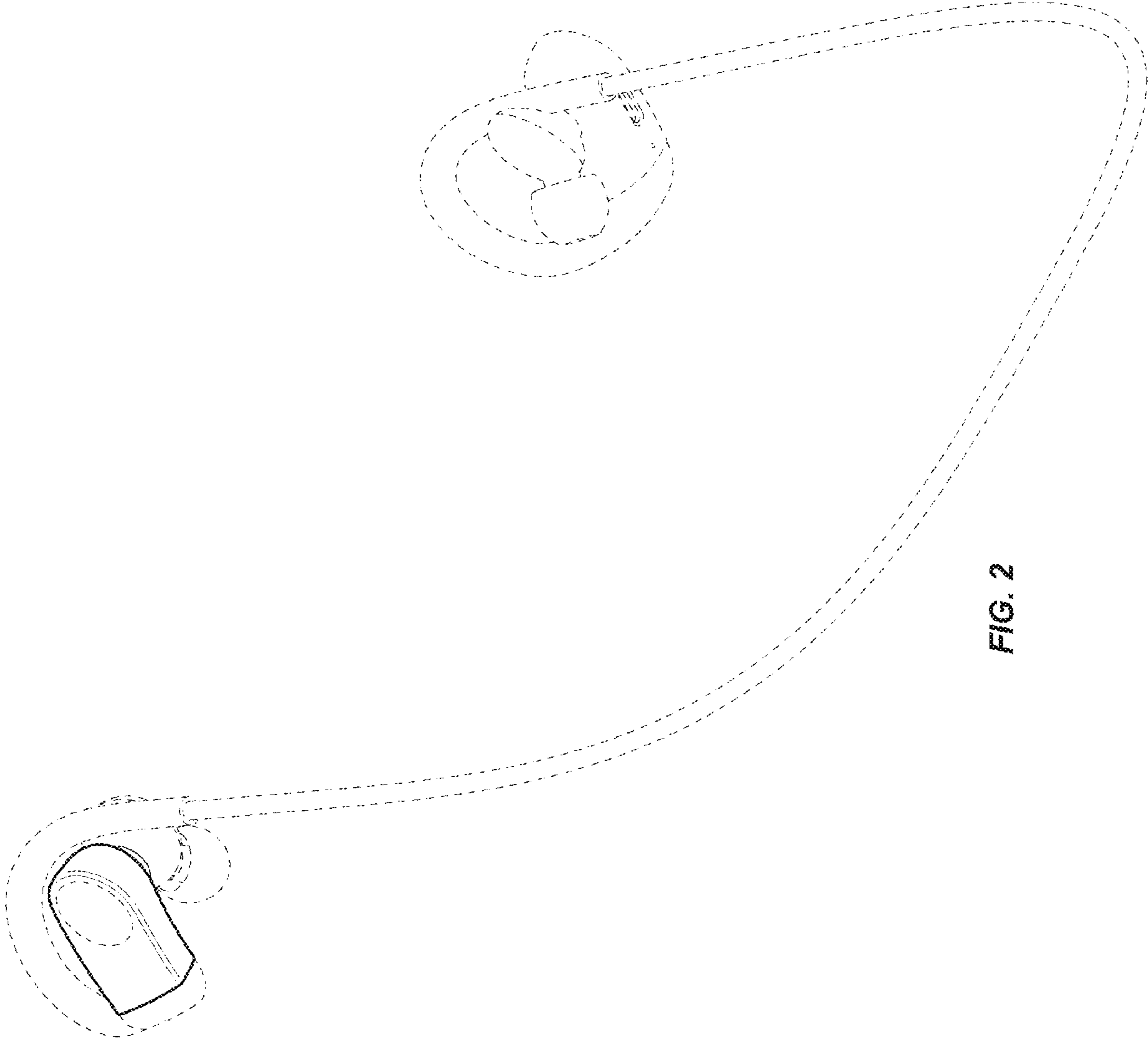


FIG. 2

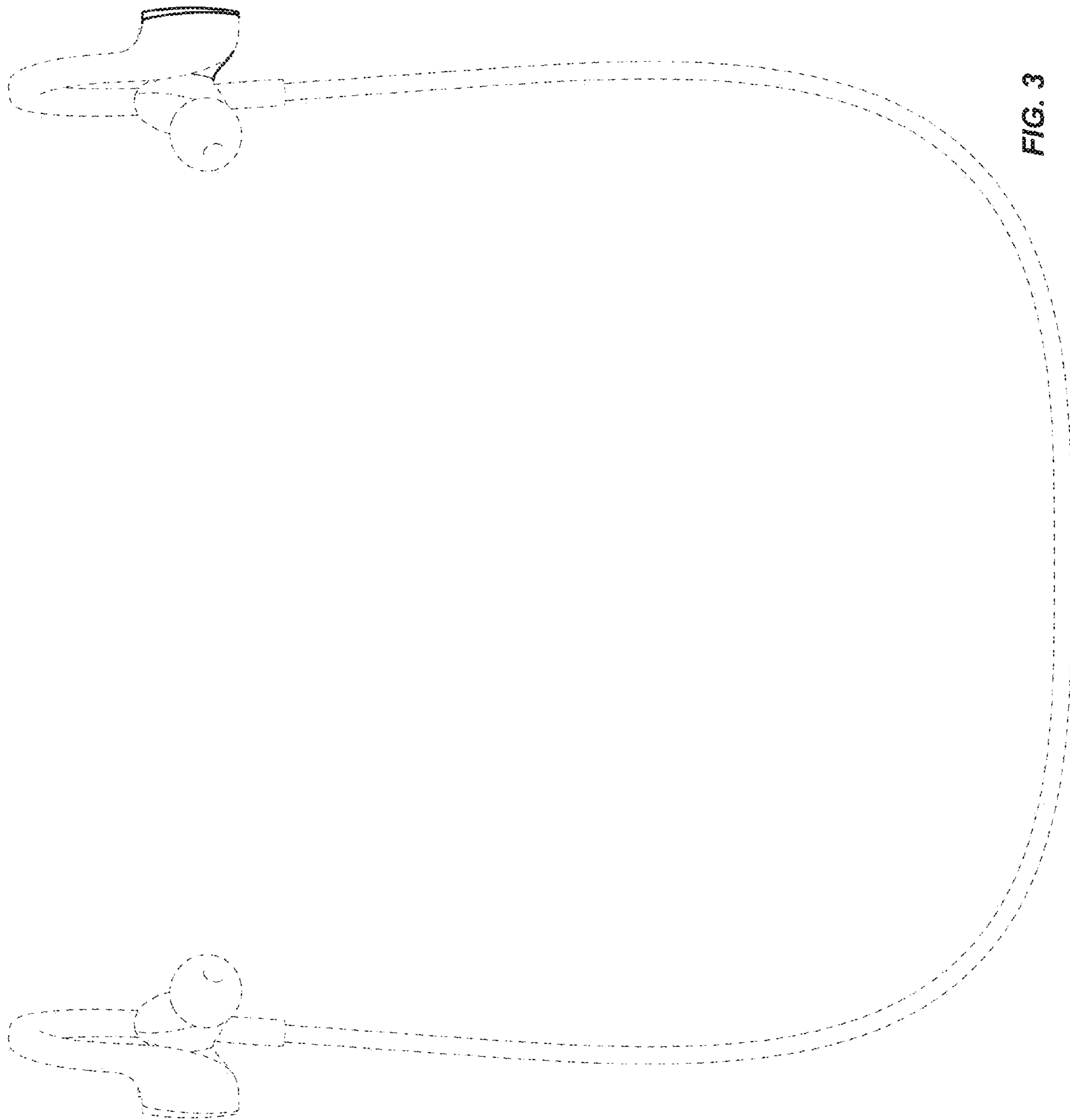


FIG. 3

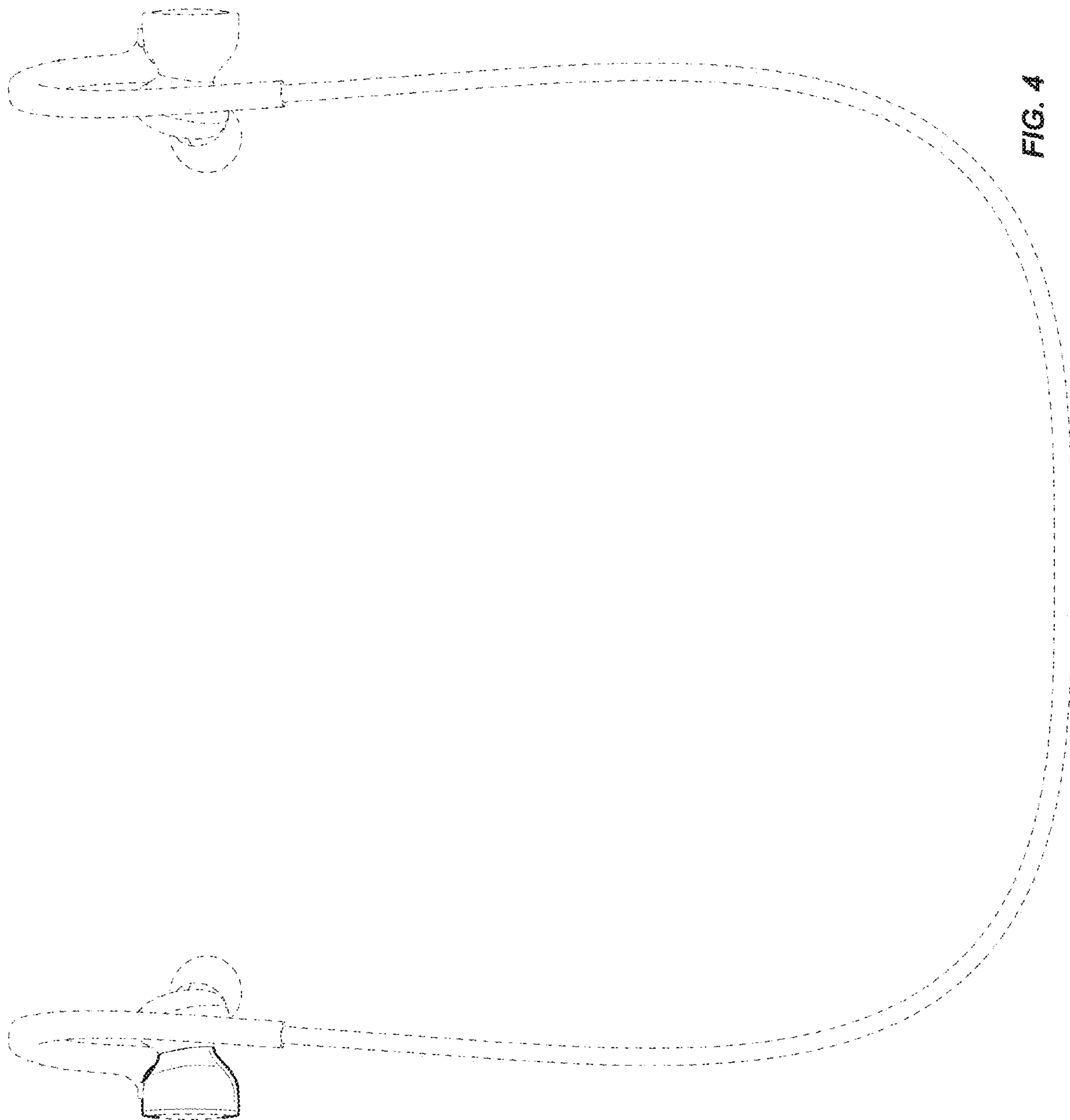


FIG. 4

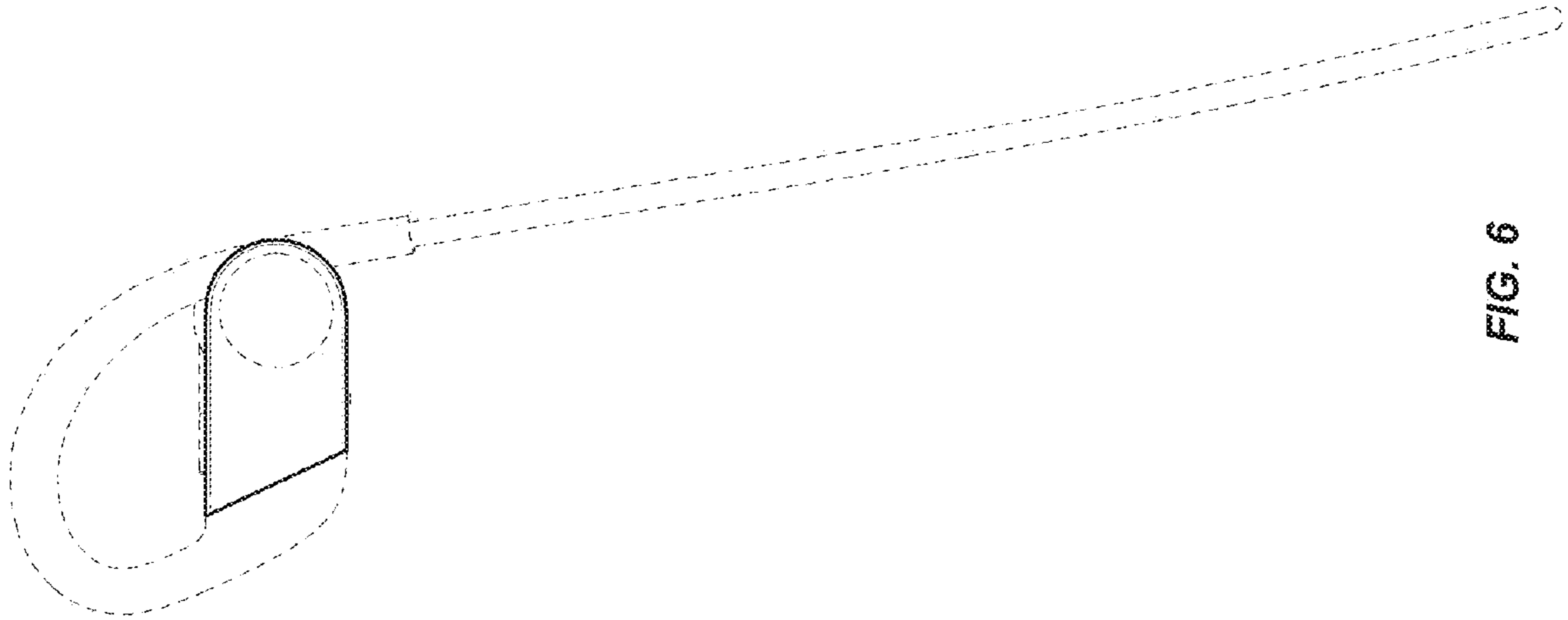


FIG. 6

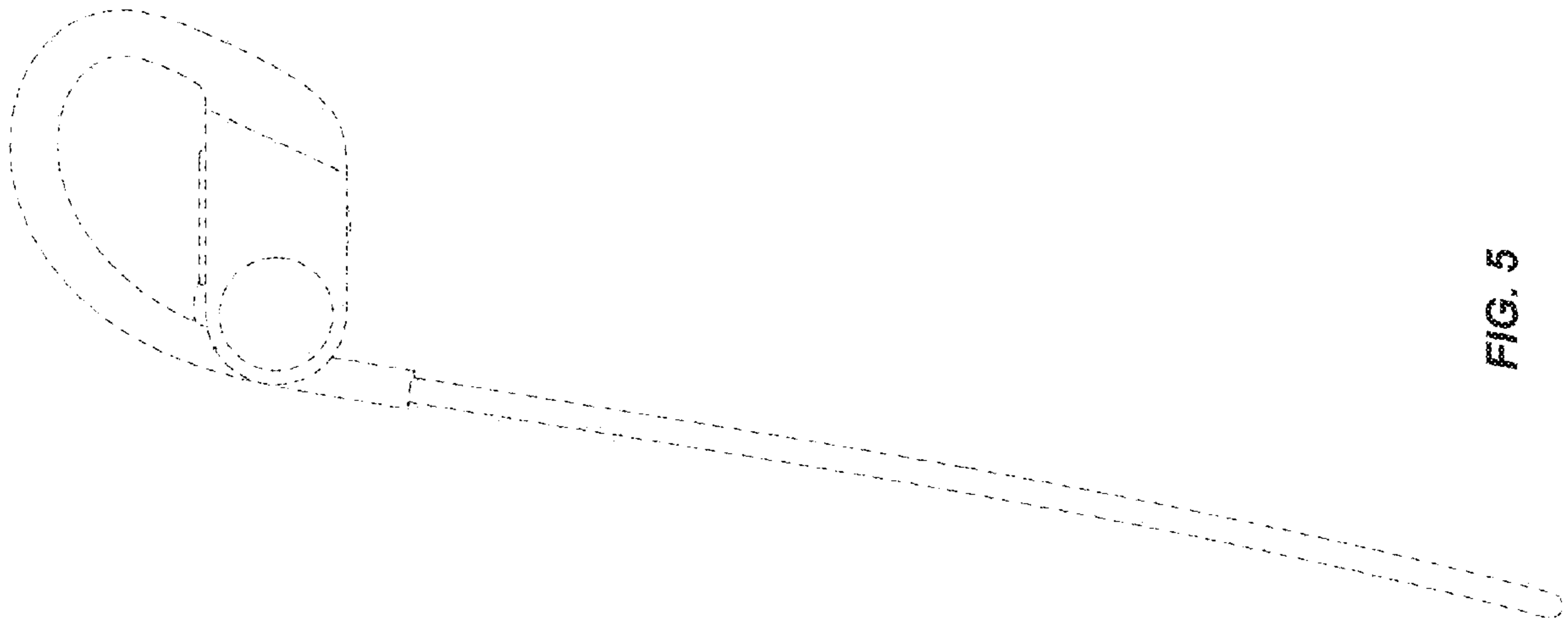


FIG. 5

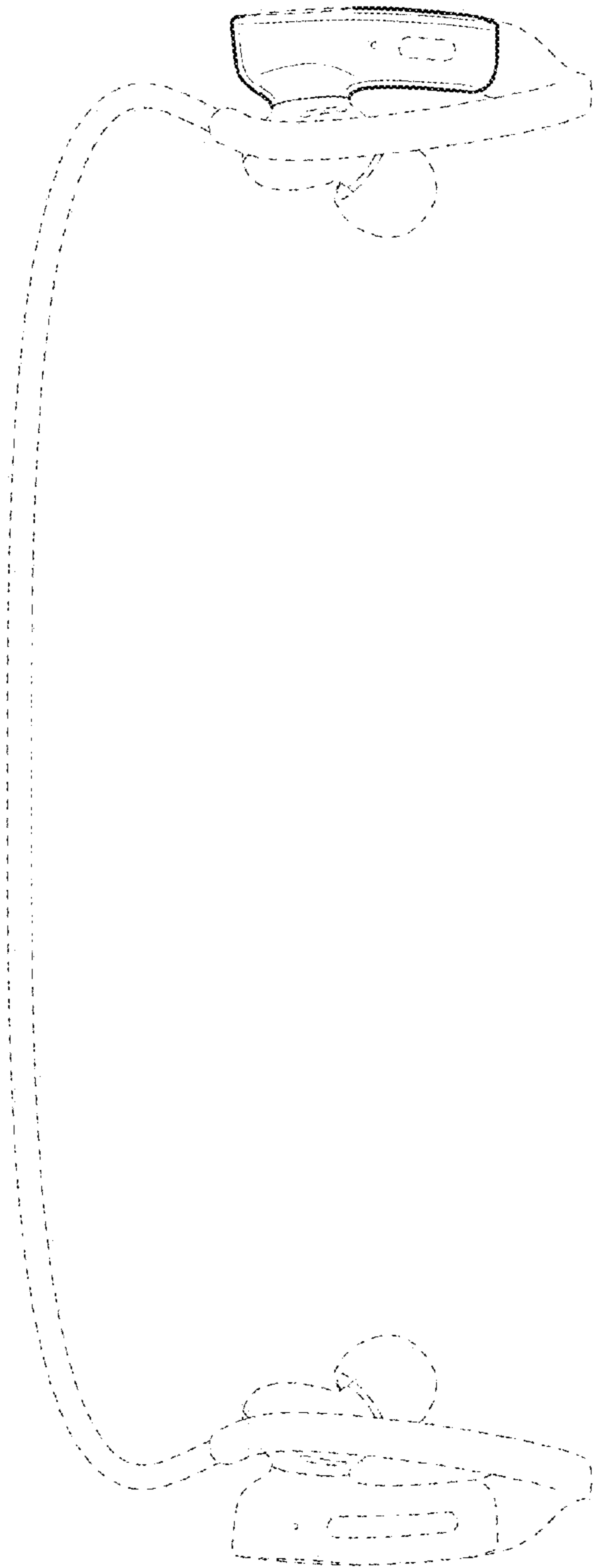


FIG. 7



FIG. 8

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D968,363 S
APPLICATION NO. : 29/814679
DATED : November 1, 2022
INVENTOR(S) : Ott 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 item (63), replace:

“Continuation of application No. 29/783,996, filed on May 17, 2021, now Pat. No. Des. 935,436, which is a continuation of application No. 29/717,269, filed on Dec. 16, 2019, now Pat. No. Des. 919,595, and a continuation of application No. 29/717,267, filed on Dec. 16, 2019, now Pat. No. Des. 919,594, which is a continuation of application No. 29/685,000, filed on Mar. 25, 2019, now Pat. No. Des. 896,200.”

With:

--Continuation of application No. 29/783,996, filed on May 17, 2021, now Pat. No. Des. 935,436, which is a continuation of application No. 29/717,269, filed on Dec. 16, 2019, now Pat. No. Des. 919,595, and application No. 29/717,267, filed on Dec. 16, 2019, now Pat. No. Des. 919,594. Said application No. 29/717,269 is a continuation of application No. 29/685,000, filed on Mar. 25, 2019, now Pat. No. Des. 896,200. Said application No. 29/717,267 is a continuation of application No. 29/685,000, filed on Mar. 25, 2019, now Pat. No. Des. 896,200.--

Signed and Sealed this
Sixth Day of December, 2022
Katherine Kelly Vidal

Katherine Kelly Vidal
Director of the United States Patent and Trademark Office