



US00D810053S

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

(10) **Patent No.:** **US D810,053 S**  
(45) **Date of Patent:** **\*\* Feb. 13, 2018**

(54) **COMBINED HEADPHONE AND AUDIO  
PLAYER**

381/23.1, 328, 329, 150, 151, 370, 376;  
181/122, 129, 130, 135, 137; 455/1, 440,  
455/344-351, 90.3, 575.1, 565; 200/5 B,  
200/5 EB, 547-550

(71) Applicant: **Sony Corporation**, Tokyo (JP)

CPC ..... H04R 1/10; H04R 1/105; H04R 25/02  
See application file for complete search history.

(72) Inventors: **Yusuke Otani**, Kanagawa (JP); **So  
Morimoto**, Saitama (JP); **Taku  
Yaegashi**, Tokyo (JP); **Koki Watanabe**,  
Saitama (JP)

(56) **References Cited**

U.S. PATENT DOCUMENTS

(73) Assignee: **SONY CORPORATION**, Tokyo (JP)

4,571,746 A	2/1986	Gorike
5,279,294 A	1/1994	Anderson et al.
5,579,669 A	12/1996	Kind et al.
5,643,012 A	7/1997	Mai et al.
5,824,966 A	10/1998	Leight
5,997,158 A	12/1999	Fischer et al.
6,081,604 A	6/2000	Hikichi et al.
6,082,485 A	7/2000	Smith

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

(21) Appl. No.: **29/587,026**

(22) Filed: **Dec. 8, 2016**

(Continued)

**Related U.S. Application Data**

(60) Continuation of application No. 29/581,678, filed on Oct. 20, 2016, which is a division of application No. 29/529,762, filed on Jun. 10, 2015, now Pat. No. Des. 772,846, which is a continuation-in-part of application No. 29/496,002, filed on Jul. 8, 2014, now Pat. No. Des. 745,862, which is a continuation-in-part of application No. 29/421,750, filed on Sep. 14, 2012, now Pat. No. Des. 709,051, which is a continuation-in-part of application No. 29/371,743, filed on Aug. 18, 2011, now Pat. No. Des. 667,817.

*Primary Examiner* — Prabhakar Deshmukh  
(74) *Attorney, Agent, or Firm* — Michael Best and Friedrich LLP

(57) **CLAIM**

The ornamental design for a combined headphone and audio player, as shown.

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Feb. 18, 2011 (CN) ..... 2011 3 0025880

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

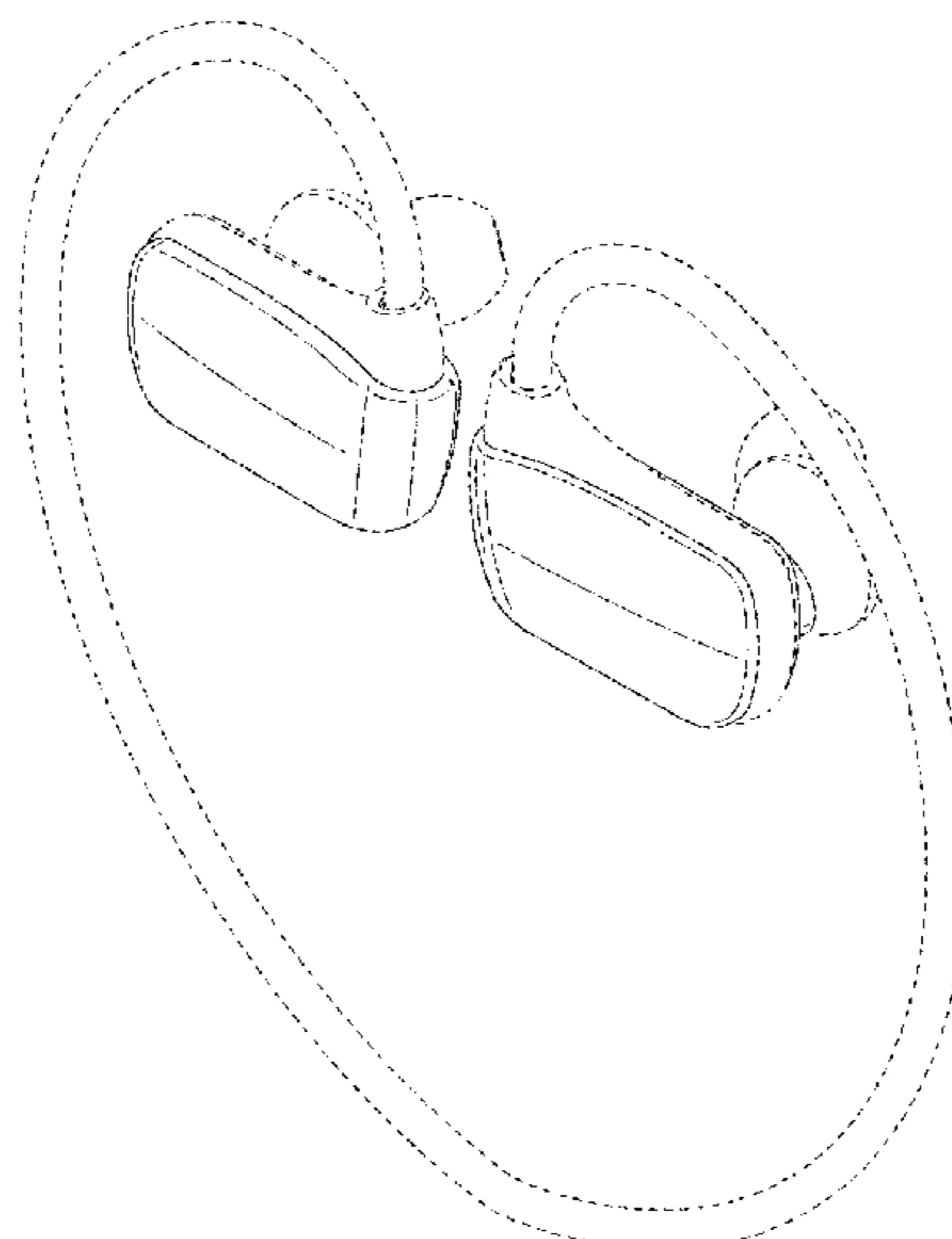
(52) **U.S. Cl.**  
USPC ..... **D14/223; D14/217**

(58) **Field of Classification Search**  
USPC ..... D14/192, 194, 204, 205, 156, 223, 248,  
D14/249, 137, 138, 142, 138 AD, 147,  
D14/148, 188, 496, 160, 168, 217, 265;  
D8/349, 14, 21, 29.1, 61, 63; D24/106,  
D24/110; 381/312, 315, 72, 74, 73.1,

FIG. 1 is a perspective view of a combined headphone and audio player showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

The broken lines illustrate unclaimed portions of the combined headphone and audio player and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D430,134 S	8/2000	Obata et al.	
6,123,168 A *	9/2000	Berg .....	A61F 11/12 128/866
6,138,790 A	10/2000	Leight	
6,385,325 B1	5/2002	Nageno et al.	
6,396,931 B1	5/2002	Malilay	
D484,485 S	12/2003	Matsuoka	
6,654,966 B2	12/2003	Rolla	
6,688,421 B2	2/2004	Dyer et al.	
6,728,388 B1	4/2004	Nageno et al.	
6,741,719 B1 *	5/2004	Orten .....	A61B 7/04 381/380
6,809,574 B1	10/2004	Kiani	
D505,411 S	5/2005	Sakai	
6,922,476 B2	7/2005	Nassimi	
D512,992 S	12/2005	Murakami	
7,079,664 B2	7/2006	Nassimi	
7,110,535 B2	9/2006	Bodley et al.	
7,121,696 B2	10/2006	Whitfield, Sr.	
D538,268 S	3/2007	Gibson et al.	
D550,202 S	9/2007	Meier et al.	
D559,879 S	1/2008	Sumita	
D559,880 S	1/2008	Sumita	
D566,104 S	4/2008	Suzuki	
D570,824 S	6/2008	Schultz et al.	
D574,029 S	7/2008	Yamagishi	
D587,678 S	3/2009	Yuyama	
D587,680 S	3/2009	Komiyama	
7,500,760 B2	3/2009	Byrne	
D592,190 S	5/2009	Birger	
D601,548 S	10/2009	Morisawa	
D603,378 S	11/2009	Paradise	
D604,272 S	11/2009	Kitayama	
D604,722 S	11/2009	Mistry	
7,663,692 B2	2/2010	Chang	
D617,779 S *	6/2010	Nylen .....	D14/223
D618,221 S *	6/2010	Fahrendorff .....	D14/223
D619,539 S	7/2010	Komiyama	
7,811,101 B2	10/2010	Tang et al.	
D630,620 S *	1/2011	Lee .....	D14/223
D631,668 S	2/2011	Limongi	
D635,547 S	4/2011	Komiyama	
D636,381 S	4/2011	Liner	
D637,176 S	5/2011	Brunner et al.	
D640,242 S	6/2011	Fahrendorff et al.	
8,080,757 B2	12/2011	Zuo	
8,252,445 B2	8/2012	Chu	
8,305,439 B2	11/2012	Cheng et al.	
D673,519 S	1/2013	Tan	
8,445,796 B2	5/2013	Yang et al.	
8,801,217 B2	8/2014	Oehle et al.	
2013/0051012 A1	2/2013	Oehle et al.	

\* cited by examiner

FIG.1

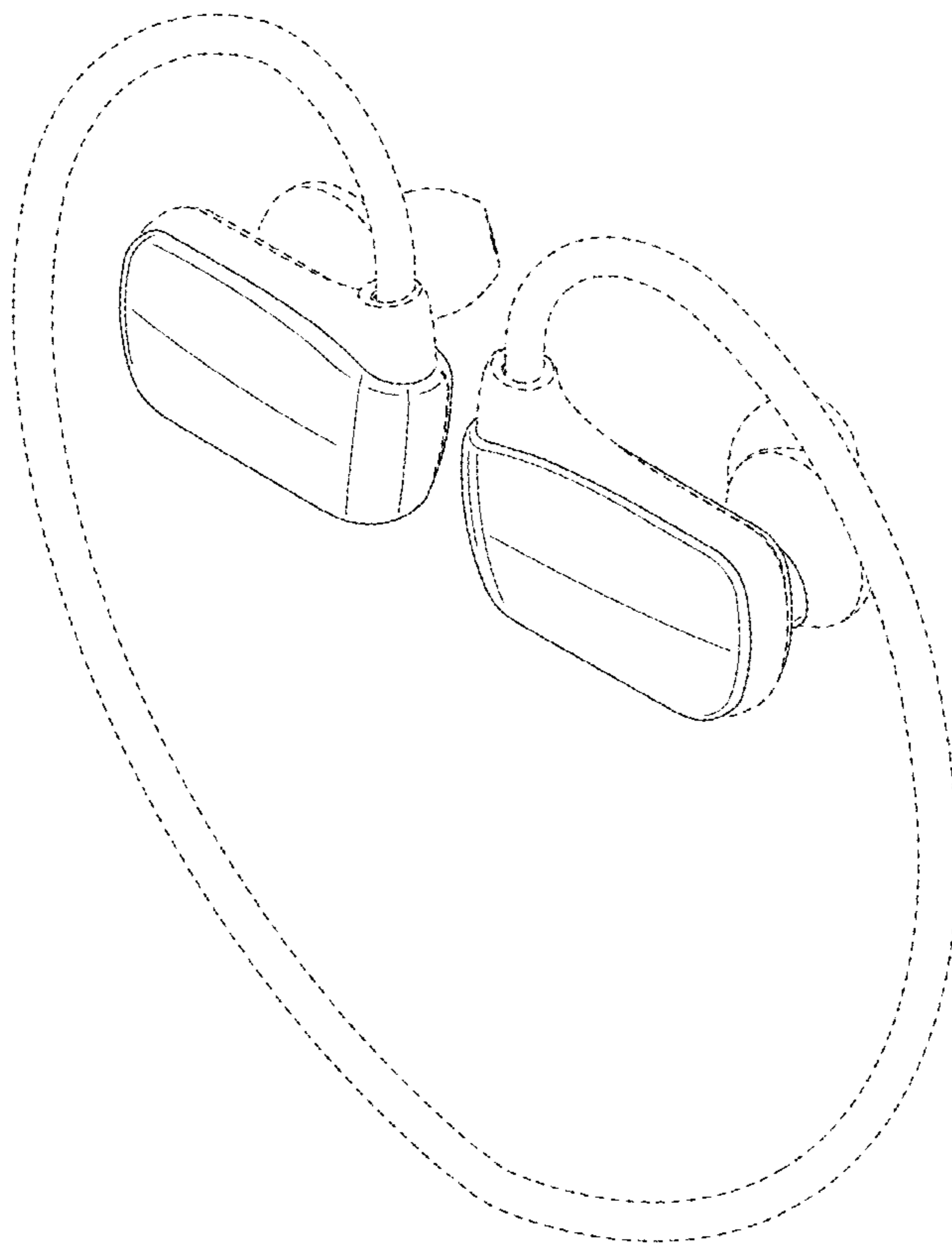


FIG.2

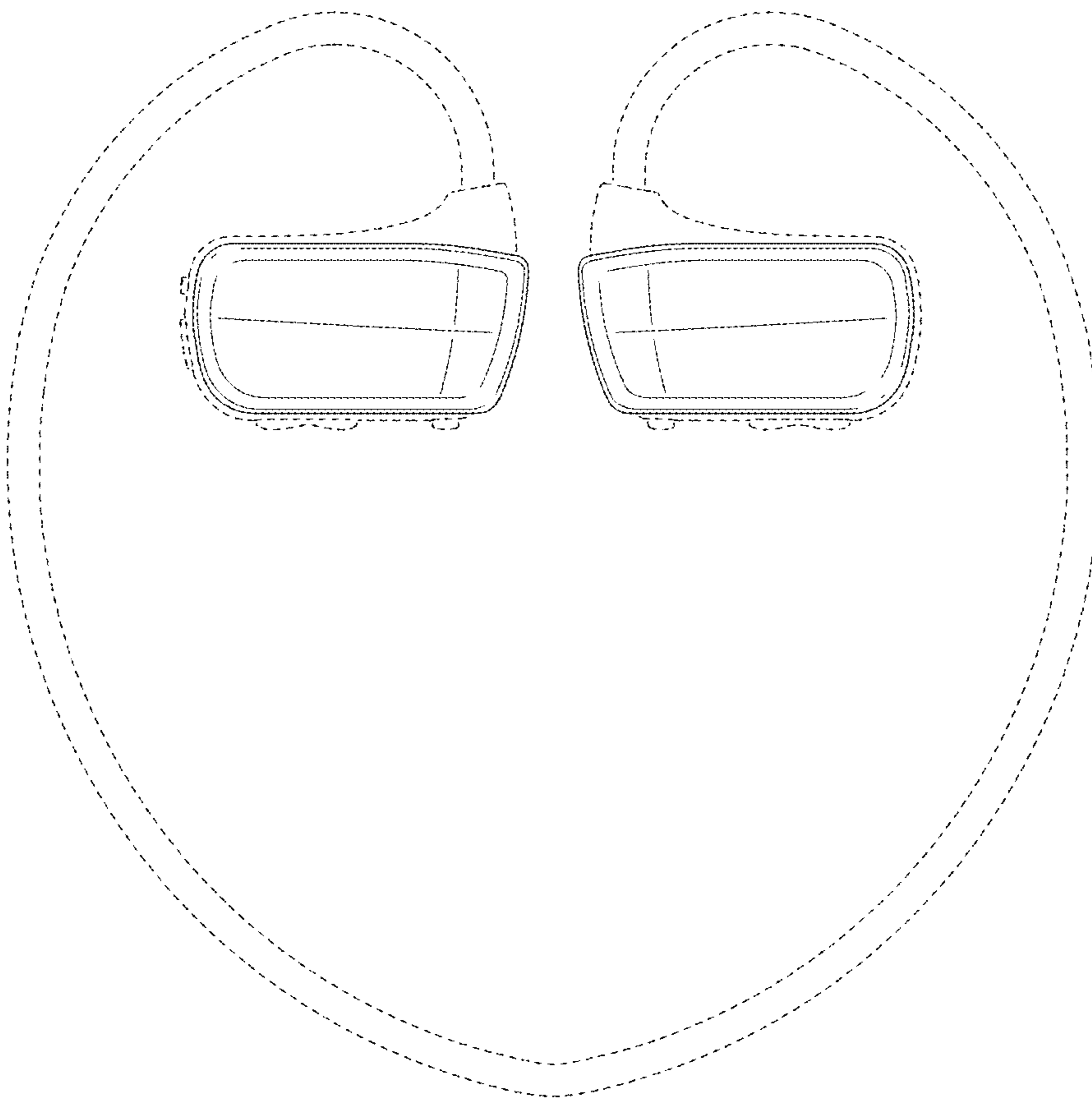


FIG.3

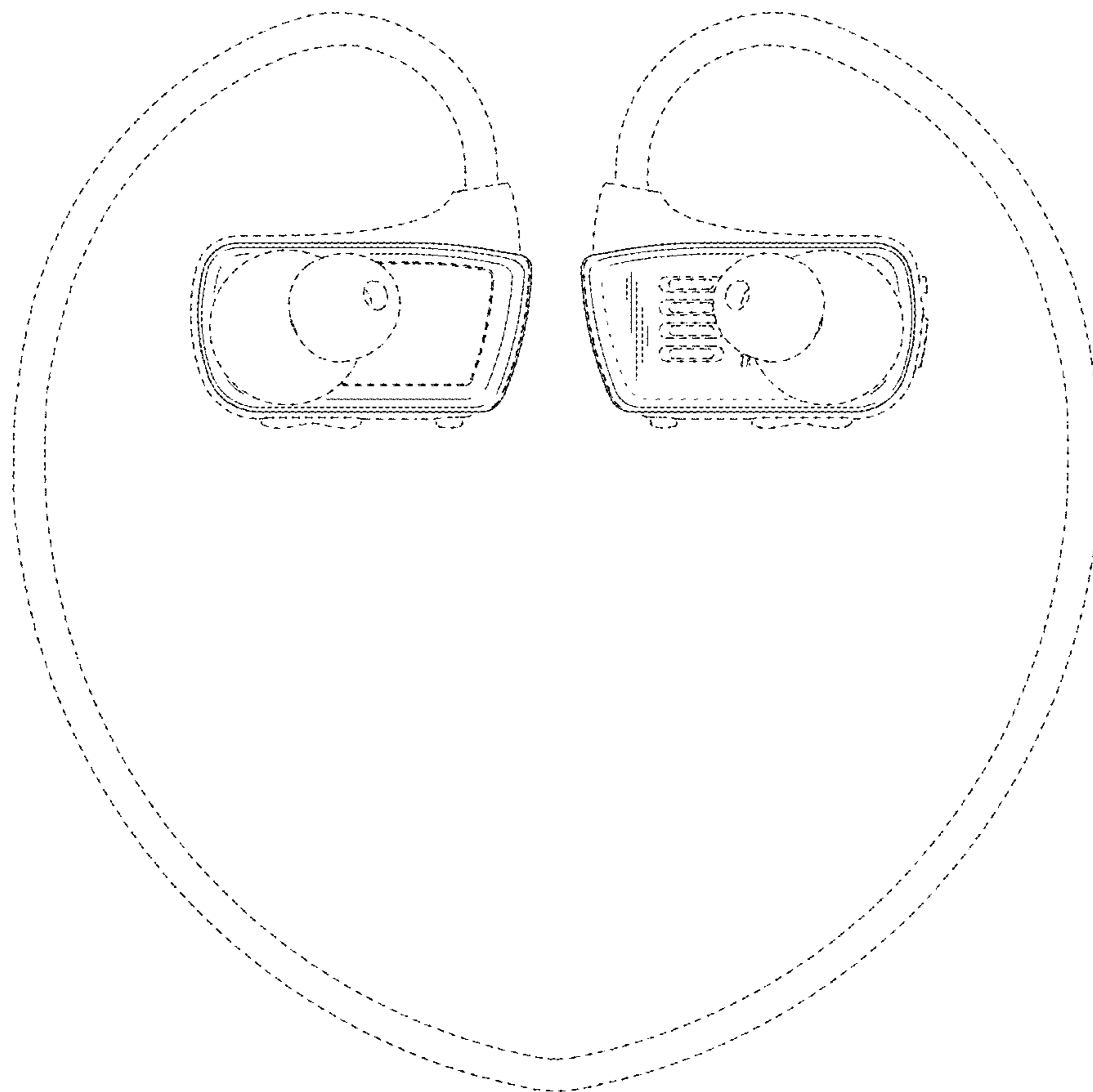


FIG.4

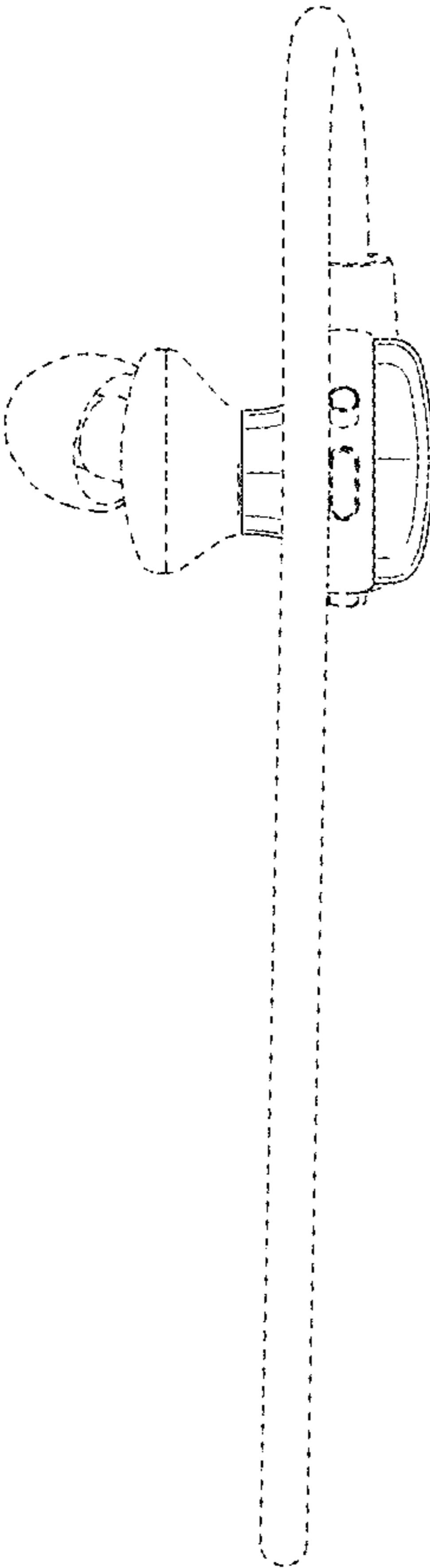


FIG.5

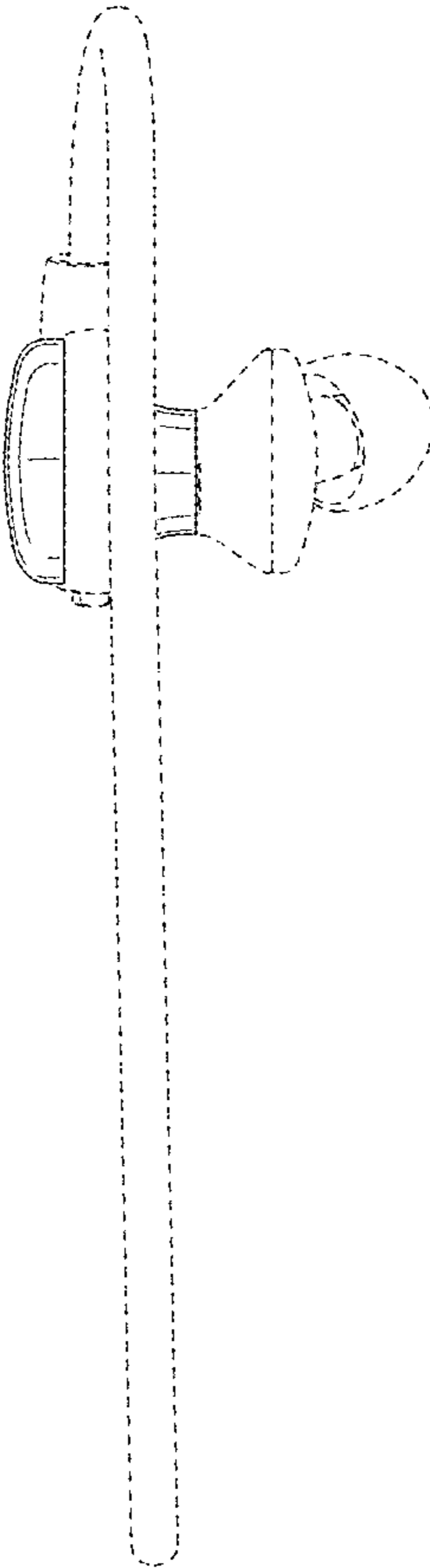


FIG.6

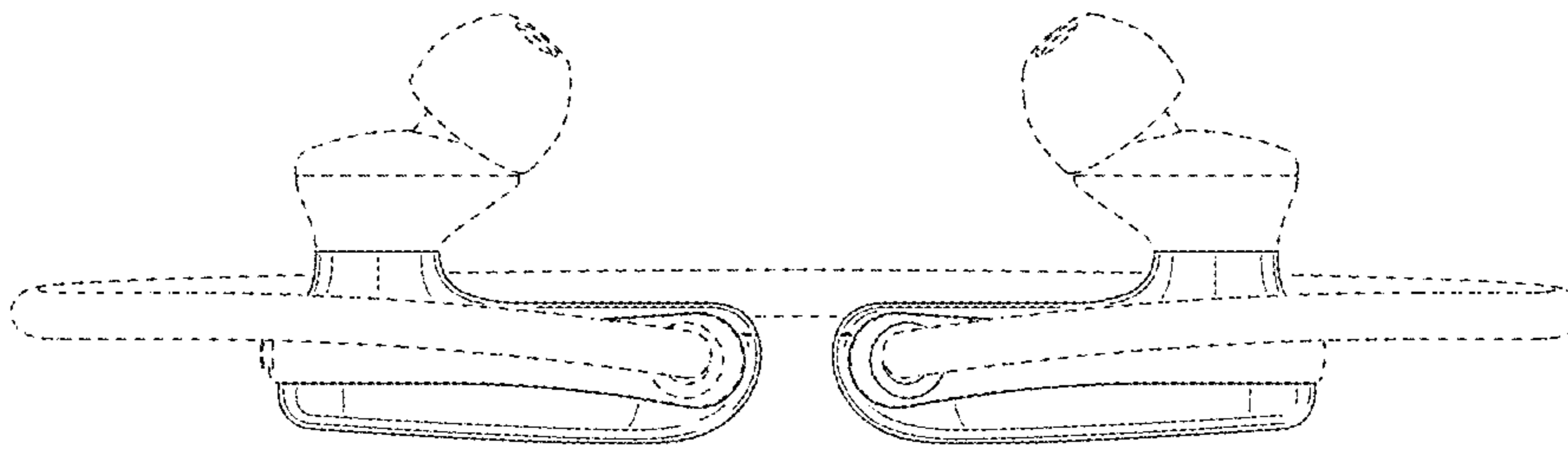


FIG.7

