



US00D807331S

(12) **United States Design Patent** (10) **Patent No.:** **US D807,331 S**  
**Morimoto** (45) **Date of Patent:** **\*\* Jan. 9, 2018**

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

- (71) Applicant: **Sony Corporation**, Tokyo (JP)
- (72) Inventor: **So Morimoto**, Saitama (JP)
- (73) Assignee: **Sony Corporation**, Tokyo (JP)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/581,678**
- (22) Filed: **Oct. 20, 2016**

**Related U.S. Application Data**

- (60) 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.

**Foreign Application Priority Data**

- (30) 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, 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  
CPC ..... H04R 1/10; H04R 25/02  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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	
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	

(Continued)

*Primary Examiner* — Prabhakar Deshmukh

(74) *Attorney, Agent, or Firm* — Michael Best & Friedrich LLP

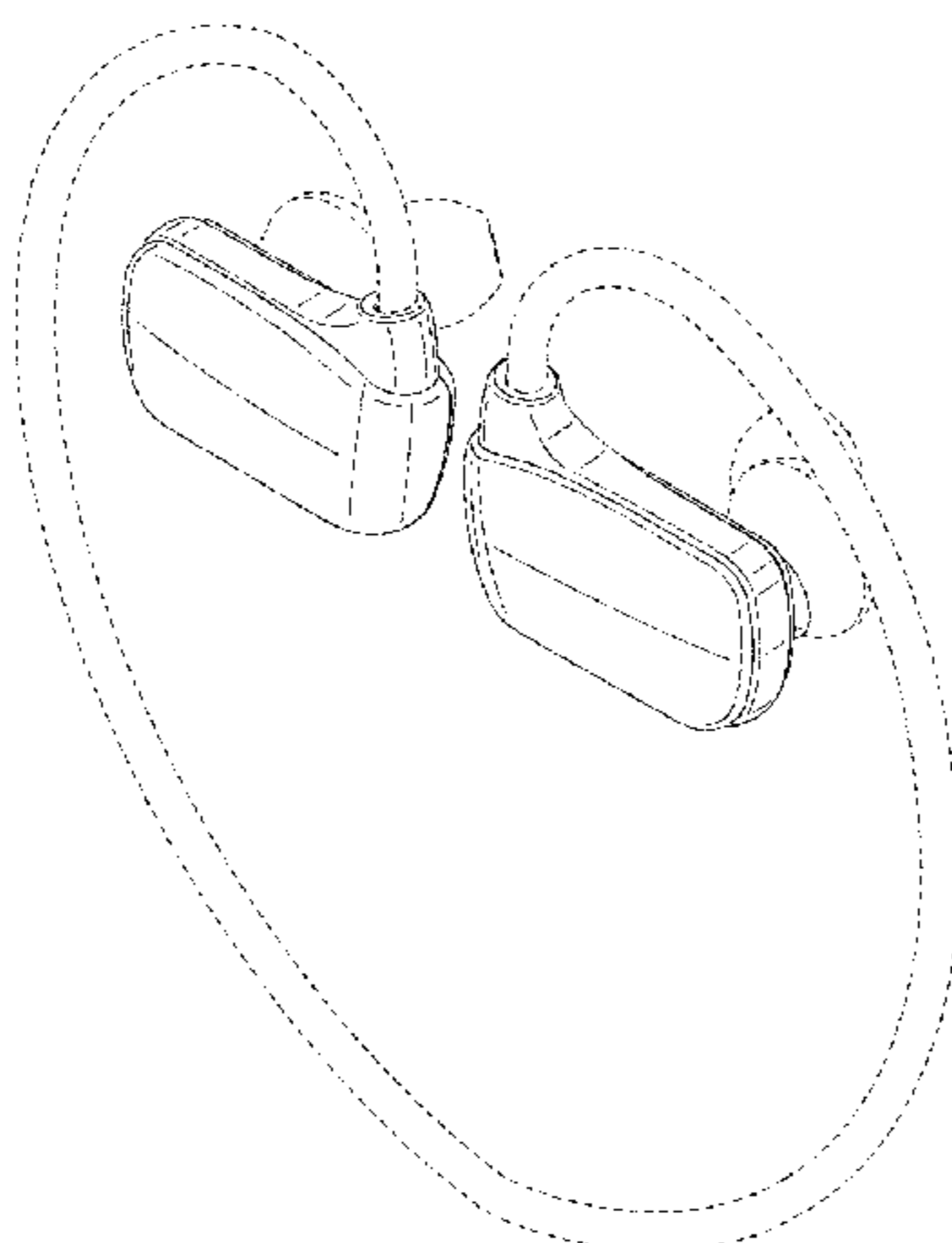
(57) **CLAIM**

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

**DESCRIPTION**

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

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

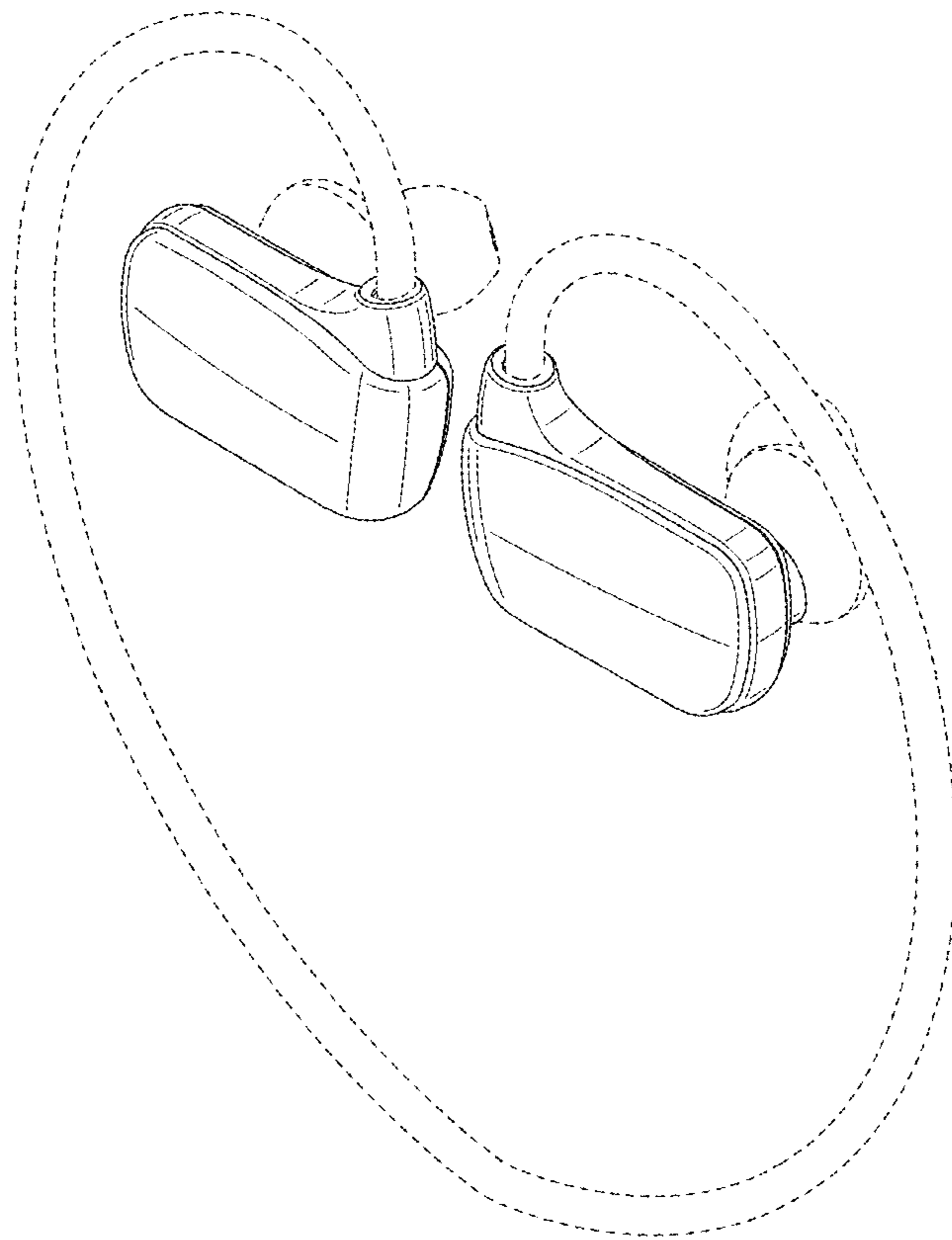


FIG.2

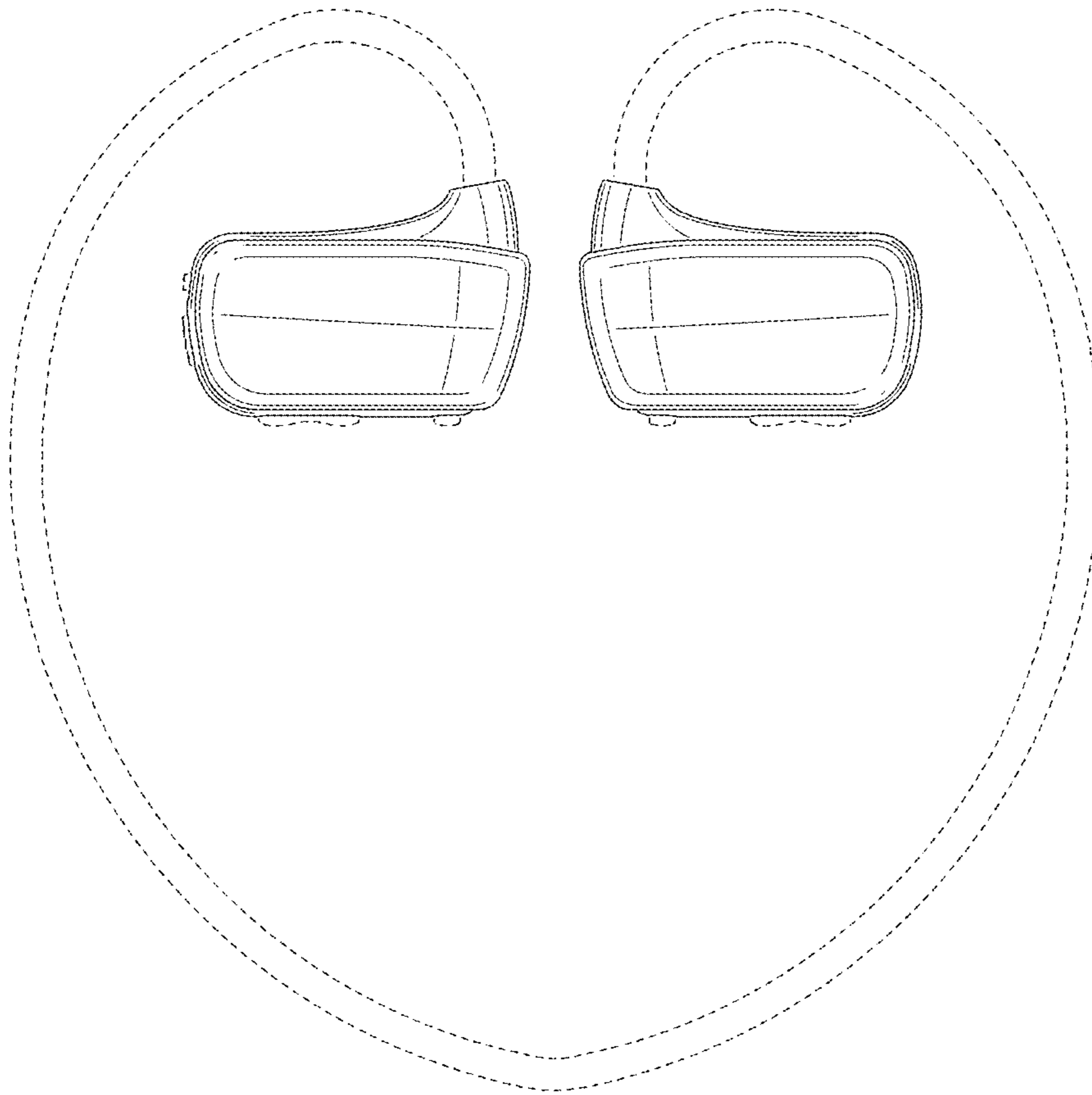


FIG.3

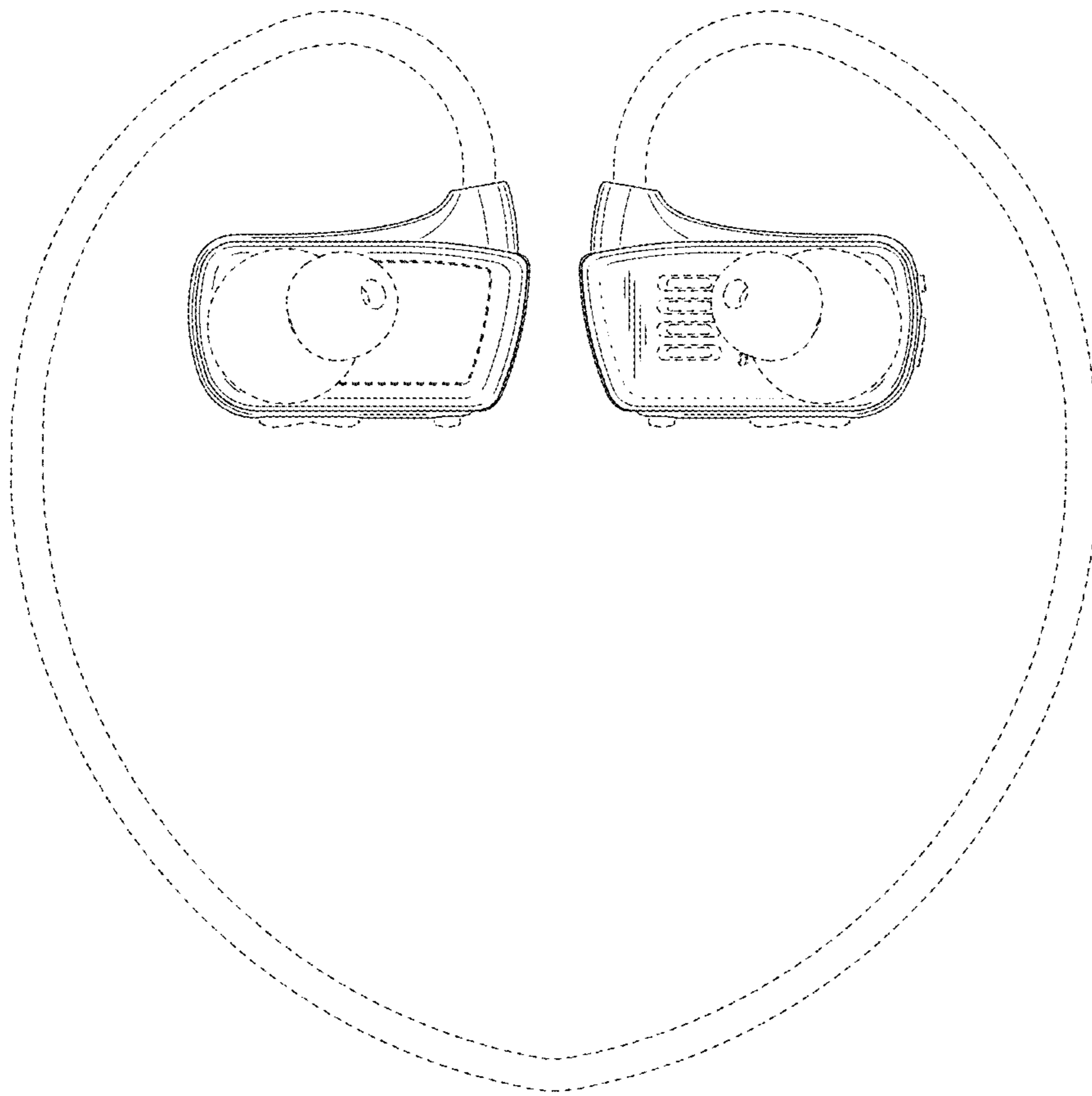


FIG.4

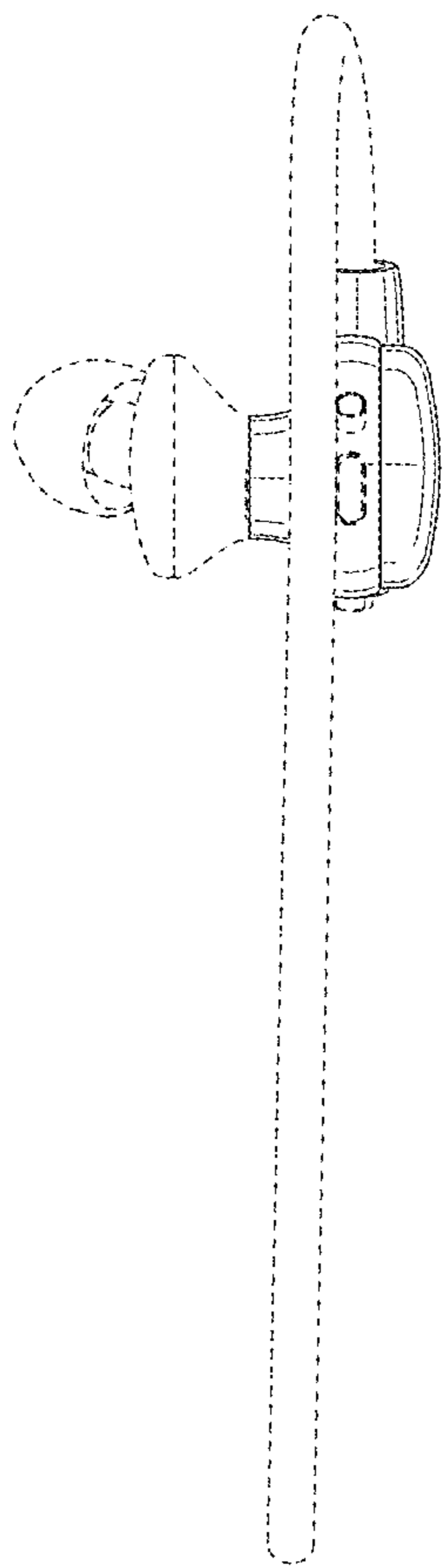


FIG.5

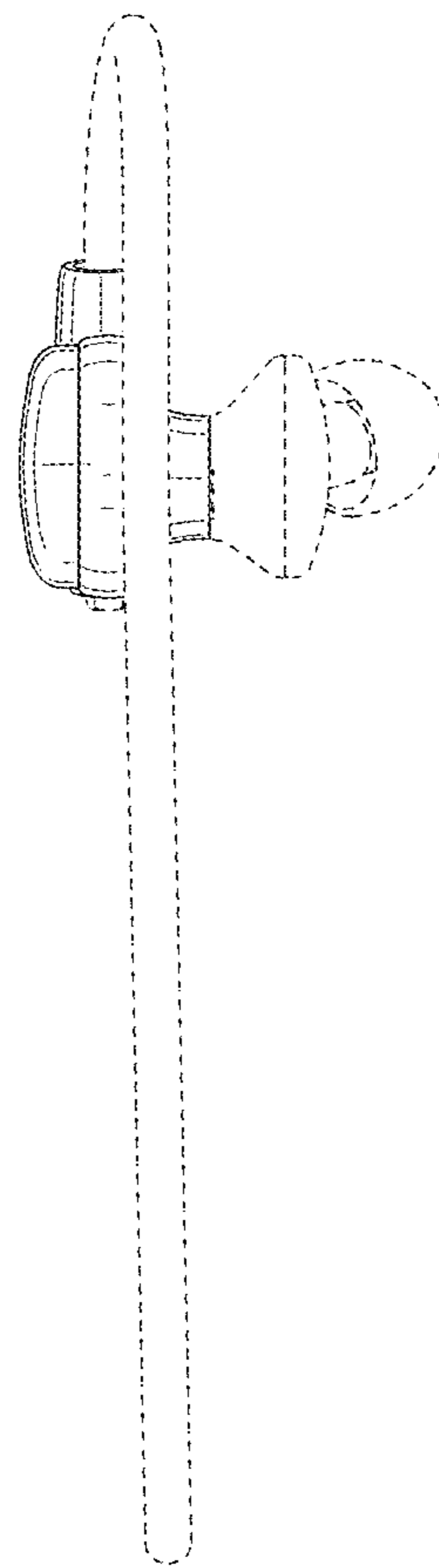


FIG.6

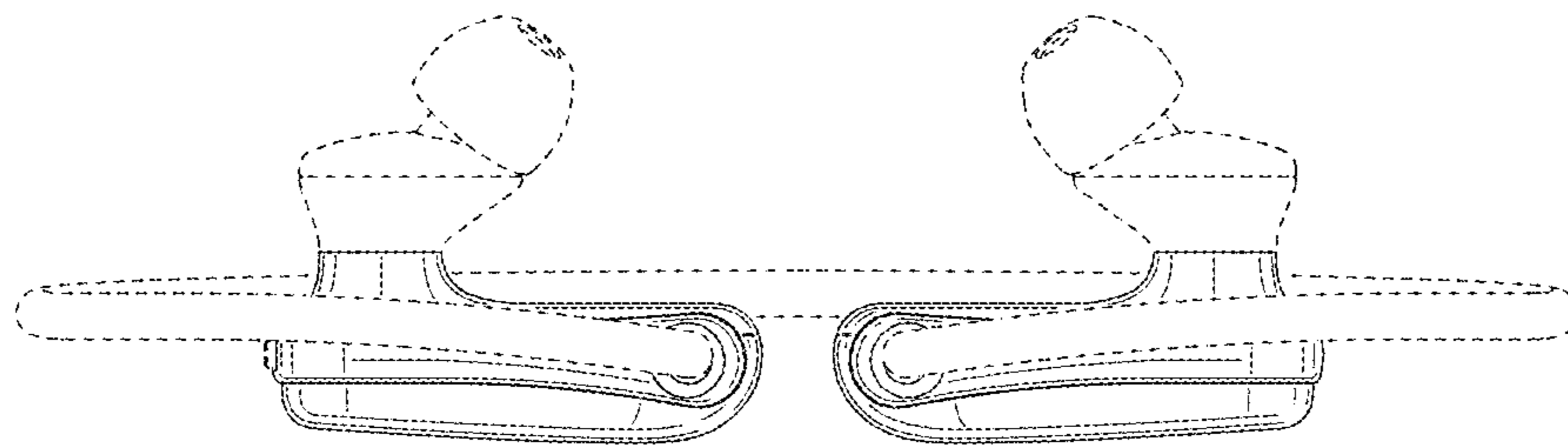


FIG.7

