



US00D773434S

(12) **United States Design Patent** (10) **Patent No.:** **US D773,434 S**  
**Wu** (45) **Date of Patent:** **\*\* Dec. 6, 2016**

(54) **EARPHONE**  
(71) Applicant: **Shenzhen Aoni Electronic Industry Co., Ltd., Shenzhen (CN)**  
(72) Inventor: **Shijie Wu, Shenzhen (CN)**  
(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/525,161**  
(22) Filed: **Apr. 27, 2015**  
(30) **Foreign Application Priority Data**  
Jan. 7, 2015 (CN) ..... 2015 3 0003322  
(51) **LOC (10) Cl.** ..... **14-01**  
(52) **U.S. Cl.**  
USPC ..... **D14/205**  
(58) **Field of Classification Search**  
USPC ..... D14/205, 223, 249, 240, 188, 192;  
D29/112; 2/209; 181/129, 130, 135;  
381/380, 381, 370, 377, 378, 374, 385,  
381/74; 455/90.3, 575.1  
CPC ..... H04R 1/1066; H04R 25/00; H04R 1/10;  
H04R 1/105; H04R 1/1016  
See application file for complete search history.

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D68,060 S \* 8/1925 Pacent ..... D14/249  
1,560,718 A \* 11/1925 Nowosielski ..... H04R 1/1066  
381/377  
1,606,165 A \* 11/1926 Glenn ..... H01B 7/04  
123/633  
2,537,201 A \* 1/1951 Amfitheatrof ..... A61F 11/008  
181/136  
4,634,816 A \* 1/1987 O'Malley ..... H04M 1/05  
379/430  
D297,324 S \* 8/1988 Kohno ..... D14/205  
D316,861 S \* 5/1991 Yoda ..... D14/205  
D318,669 S \* 7/1991 Nakayama ..... D14/205  
D328,461 S \* 8/1992 Daido ..... D14/205  
D373,360 S \* 9/1996 Kanno ..... D14/205  
D375,312 S \* 11/1996 Kanno ..... D14/205

D377,021 S \* 12/1996 Isono ..... D14/205  
6,081,604 A \* 6/2000 Hikichi ..... H04R 1/083  
381/124  
D468,723 S \* 1/2003 Pham ..... D14/205  
D491,163 S \* 6/2004 Green ..... D14/205  
D502,938 S \* 3/2005 Tokioka ..... D14/205  
7,072,483 B2 \* 7/2006 Lenhard-  
Backhaus ..... H04R 1/1066  
381/370  
D544,464 S \* 6/2007 Lee ..... D14/205  
D573,581 S \* 7/2008 Gondo ..... D14/205  
D584,715 S \* 1/2009 Brennwald ..... D14/205  
D588,098 S \* 3/2009 Kurihara ..... D14/205  
D594,847 S \* 6/2009 Suzuki ..... D14/205  
7,580,539 B2 \* 8/2009 Tachikawa ..... H04R 1/1066  
381/374  
D600,674 S \* 9/2009 Brennwald ..... D14/205  
D625,705 S \* 10/2010 Ohori ..... D14/205  
D634,732 S \* 3/2011 Kondo ..... D14/205  
D639,776 S \* 6/2011 Arimoto ..... D14/205  
D656,125 S \* 3/2012 Komiyama ..... D14/205  
D665,775 S \* 8/2012 Katsumata ..... D14/205  
D675,595 S \* 2/2013 Cho ..... D14/205  
D684,140 S \* 6/2013 Enquist ..... D14/205  
D691,109 S \* 10/2013 Hardi ..... D14/205  
D704,161 S \* 5/2014 Morimoto ..... D14/205

(Continued)

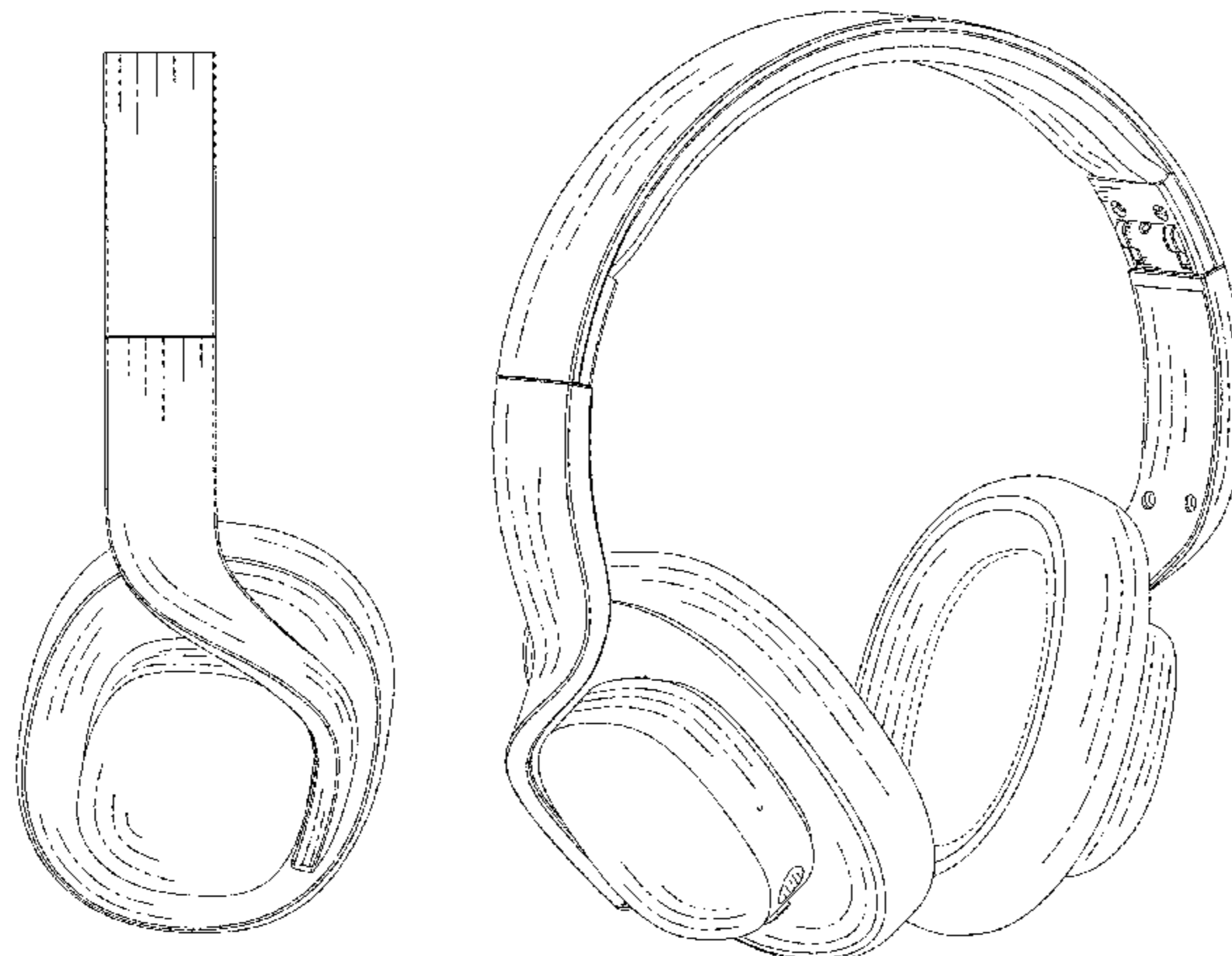
*Primary Examiner* — Paula Greene  
(74) *Attorney, Agent, or Firm* — Prakash Nama; Global IP Services, PLLC

(57) **CLAIM**  
The ornamental design for an earphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of an earphone showing my new design;  
FIG. 2 is a rear elevational view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a perspective view thereof; and,  
FIG. 8 is another perspective view thereof.  
The broken lines form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D706,240 S *	6/2014	Szymanski	.....	D14/205	D728,512 S *	5/2015	Nakagawa	.....	D14/205
D706,241 S *	6/2014	Szymanski	.....	D14/205	D729,194 S *	5/2015	Boeckel	.....	D14/205
D707,653 S *	6/2014	Hardi	.....	D14/205	D733,090 S *	6/2015	Petersen	.....	D14/205
D708,163 S *	7/2014	Ishikura	.....	D14/205	D750,041 S *	2/2016	Birger	.....	D14/205
D712,375 S *	9/2014	Miyake	.....	D14/205	D750,593 S *	3/2016	Hardi	.....	D14/205
D715,255 S *	10/2014	Nunez	.....	D14/205	2003/0182713 A1 *	10/2003	Rolla	.....	H04R 5/0335 2/209
8,923,525 B2 *	12/2014	Saideh	.....	H04R 1/1033 381/309	2007/0165899 A1 *	7/2007	Garin	.....	H04R 5/0335 381/377
D727,289 S *	4/2015	Czaniecki	.....	D14/205	2010/0177907 A1 *	7/2010	Morisawa	.....	H04R 5/0335 381/74
9,008,328 B2 *	4/2015	Urano	.....	H04R 1/1025 381/74					

\* cited by examiner



FIG. 1



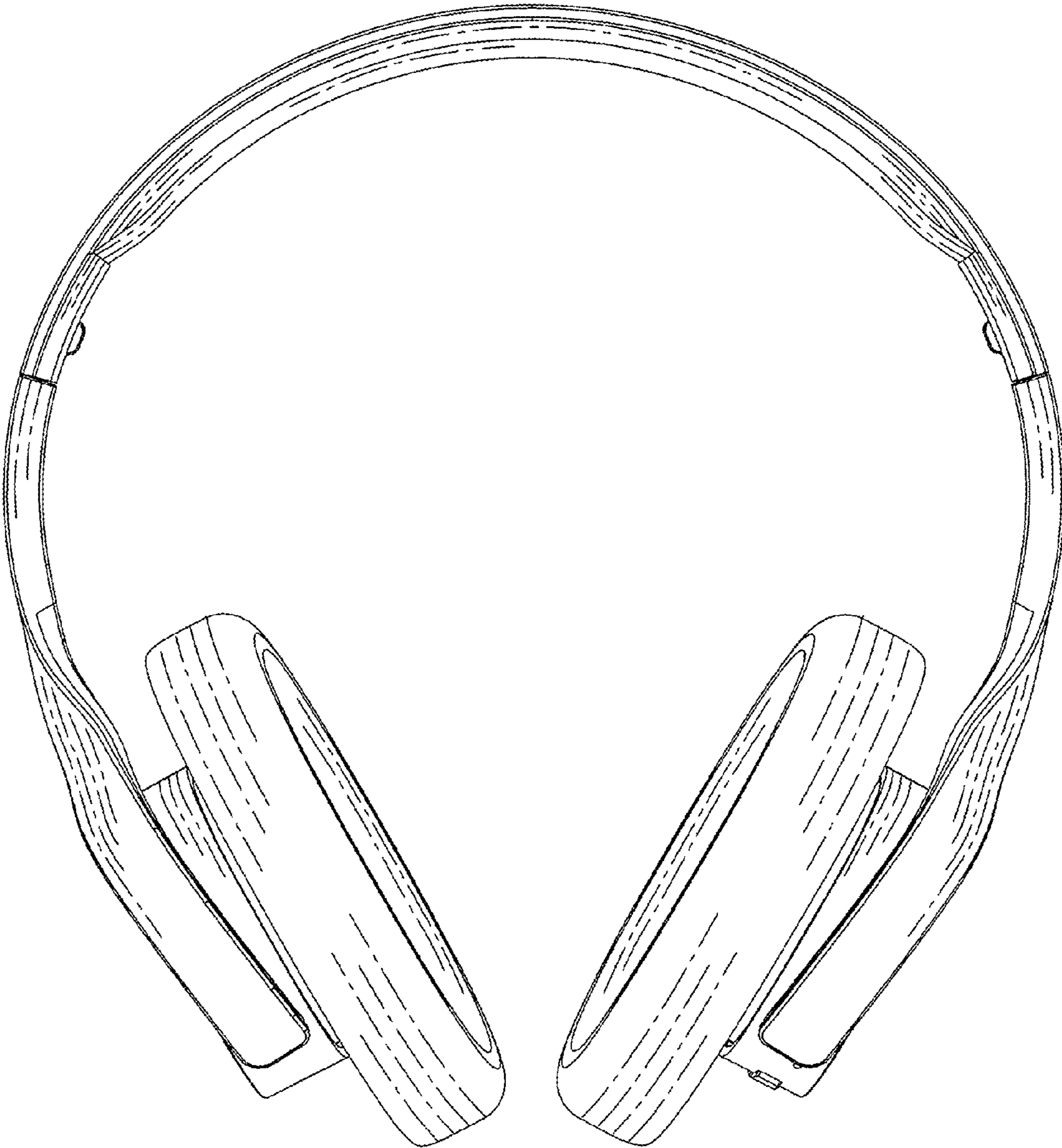


FIG. 2

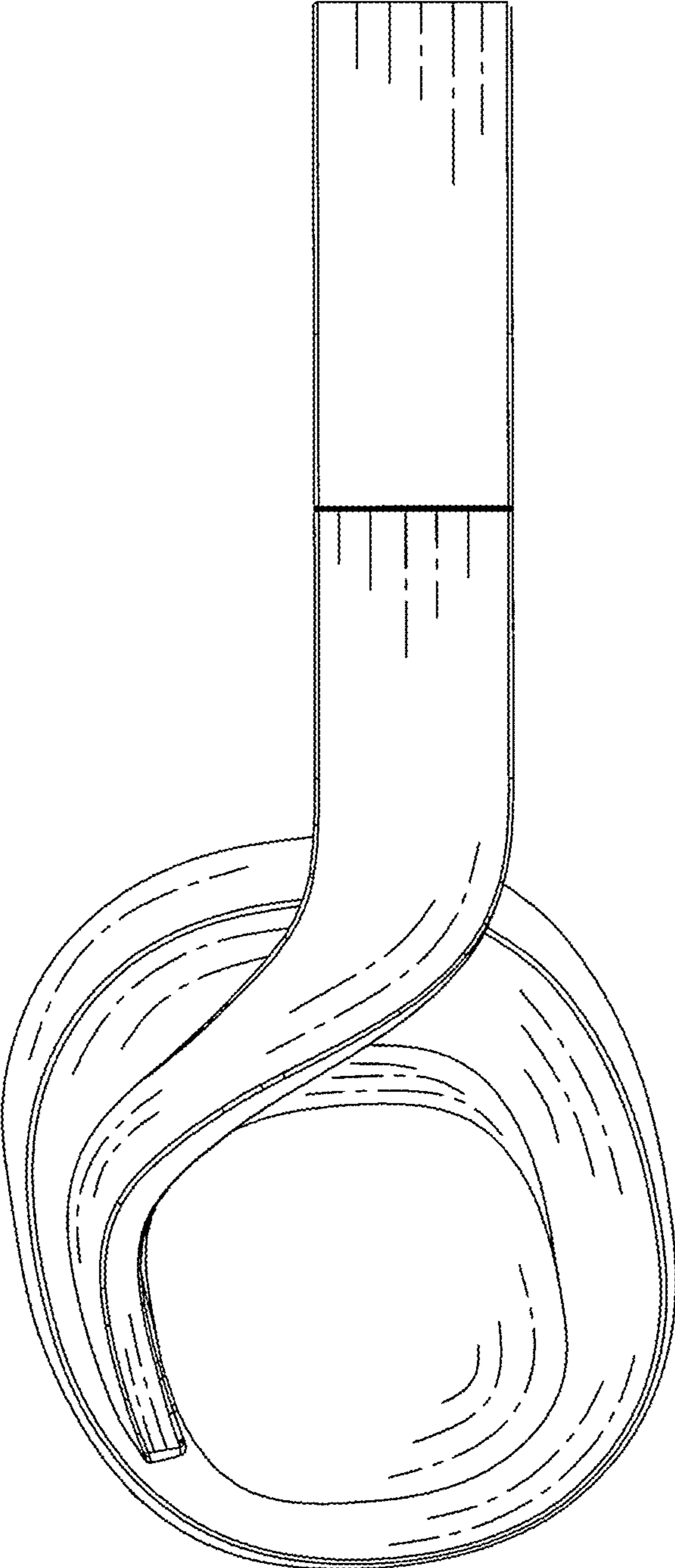


FIG. 3

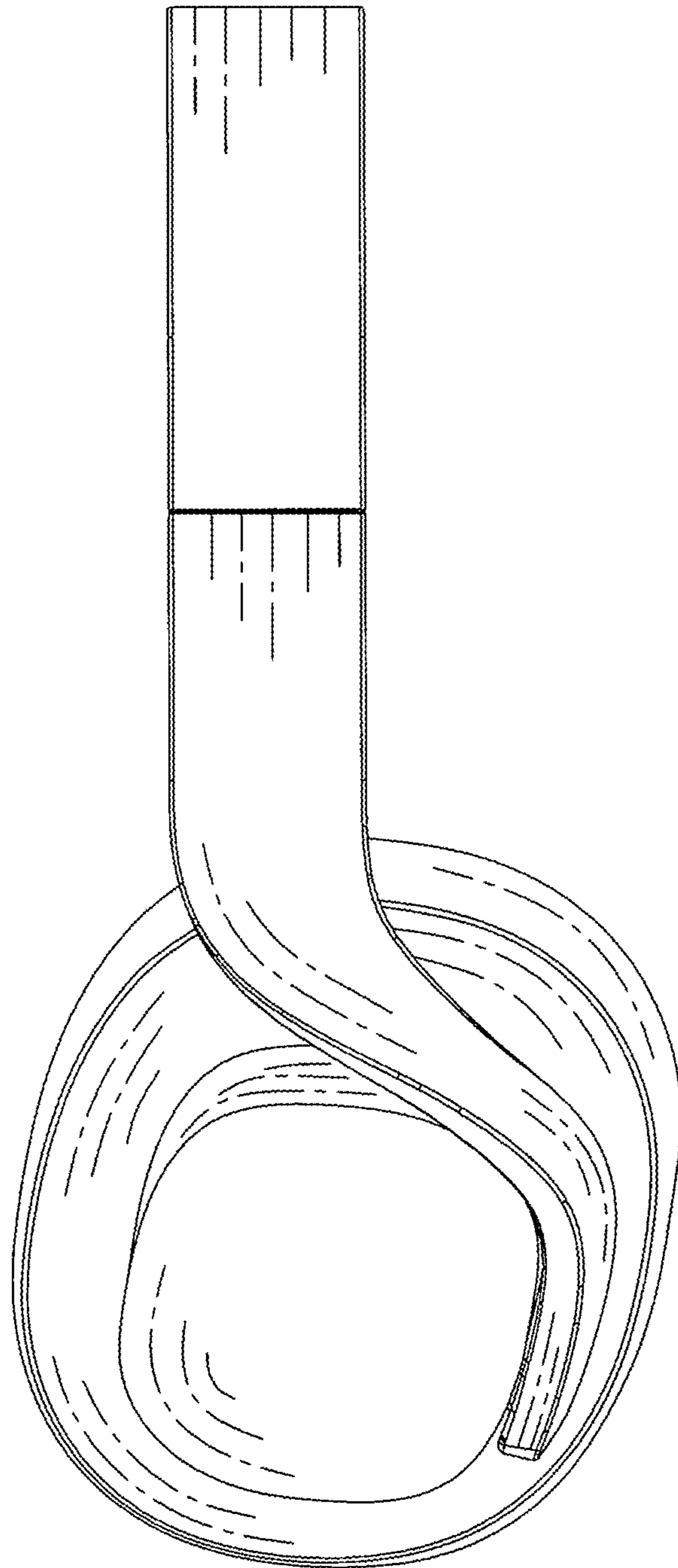


FIG. 4

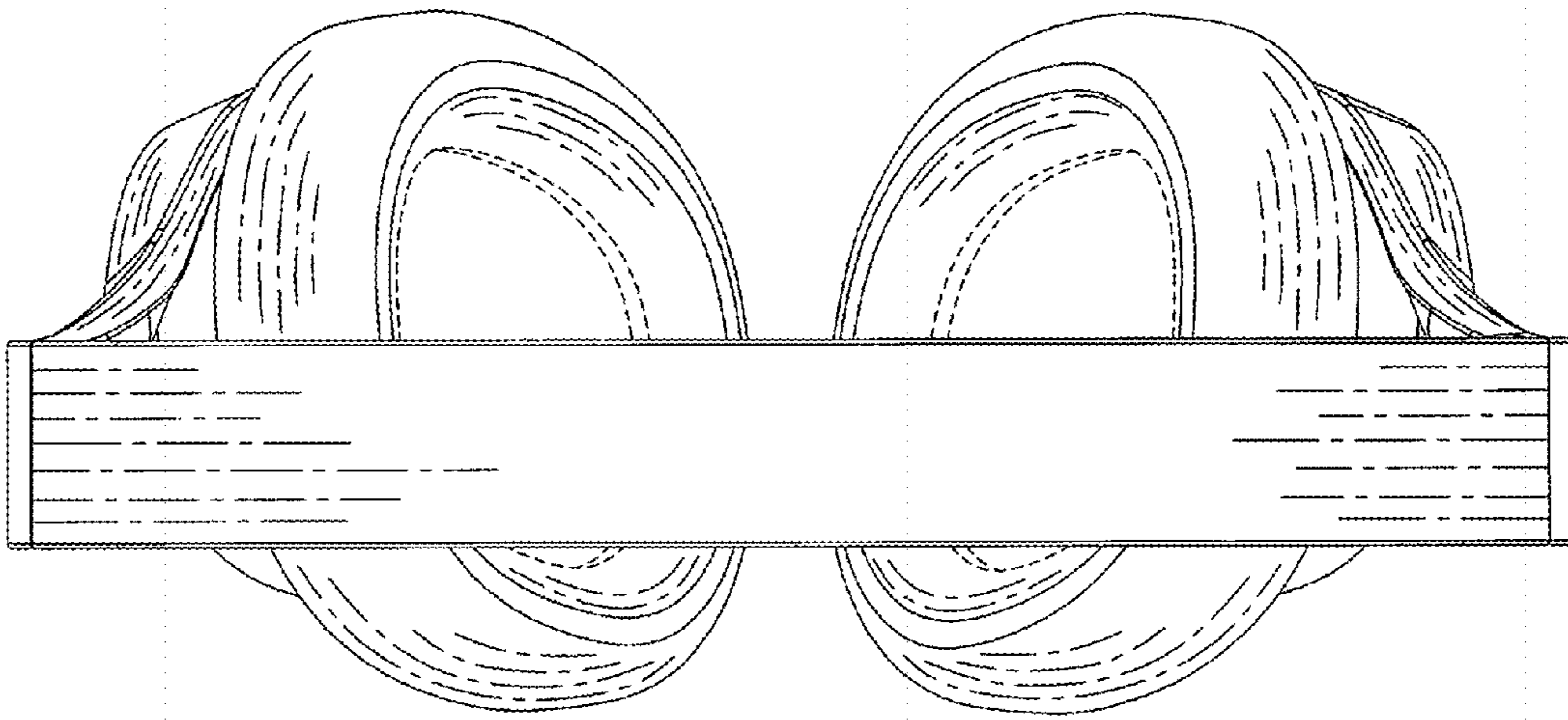


FIG. 5

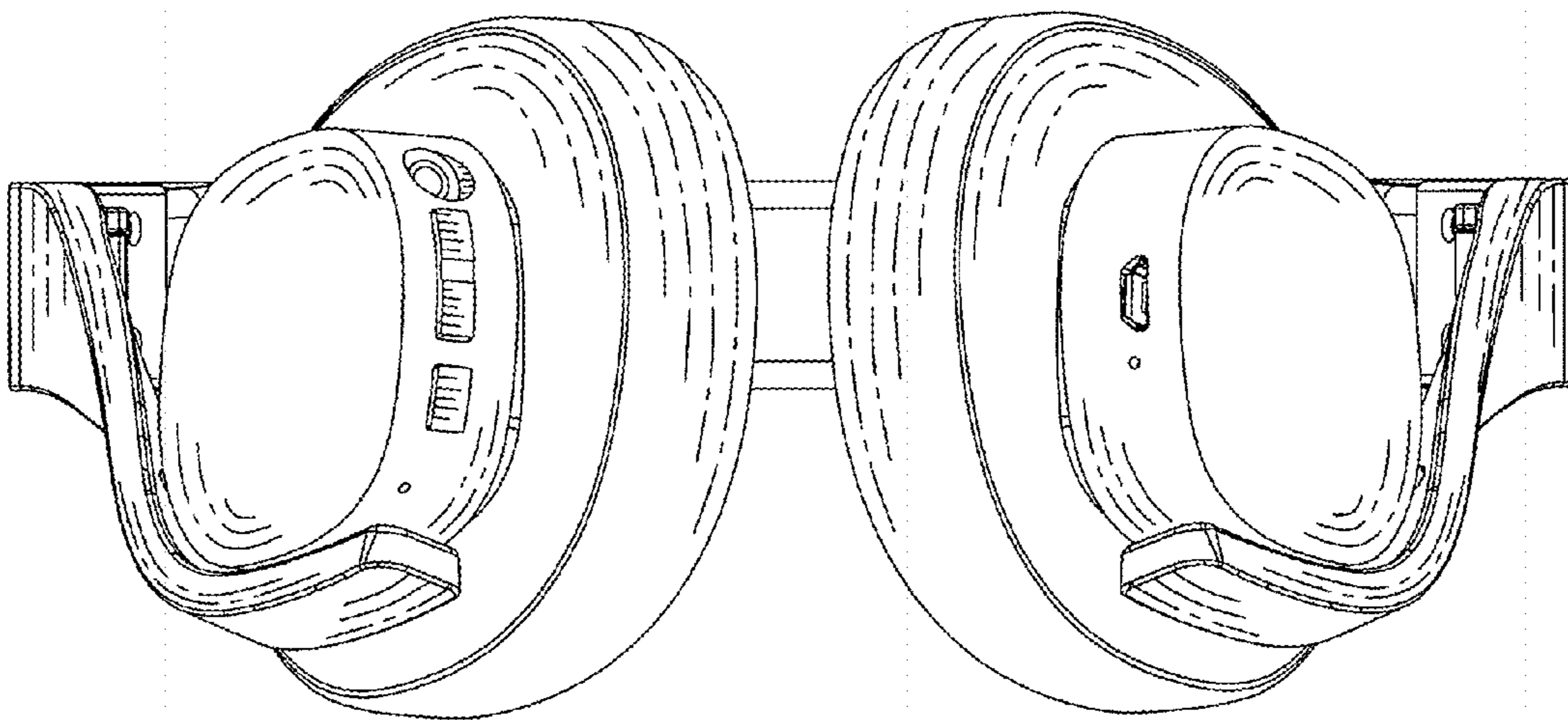


FIG. 6



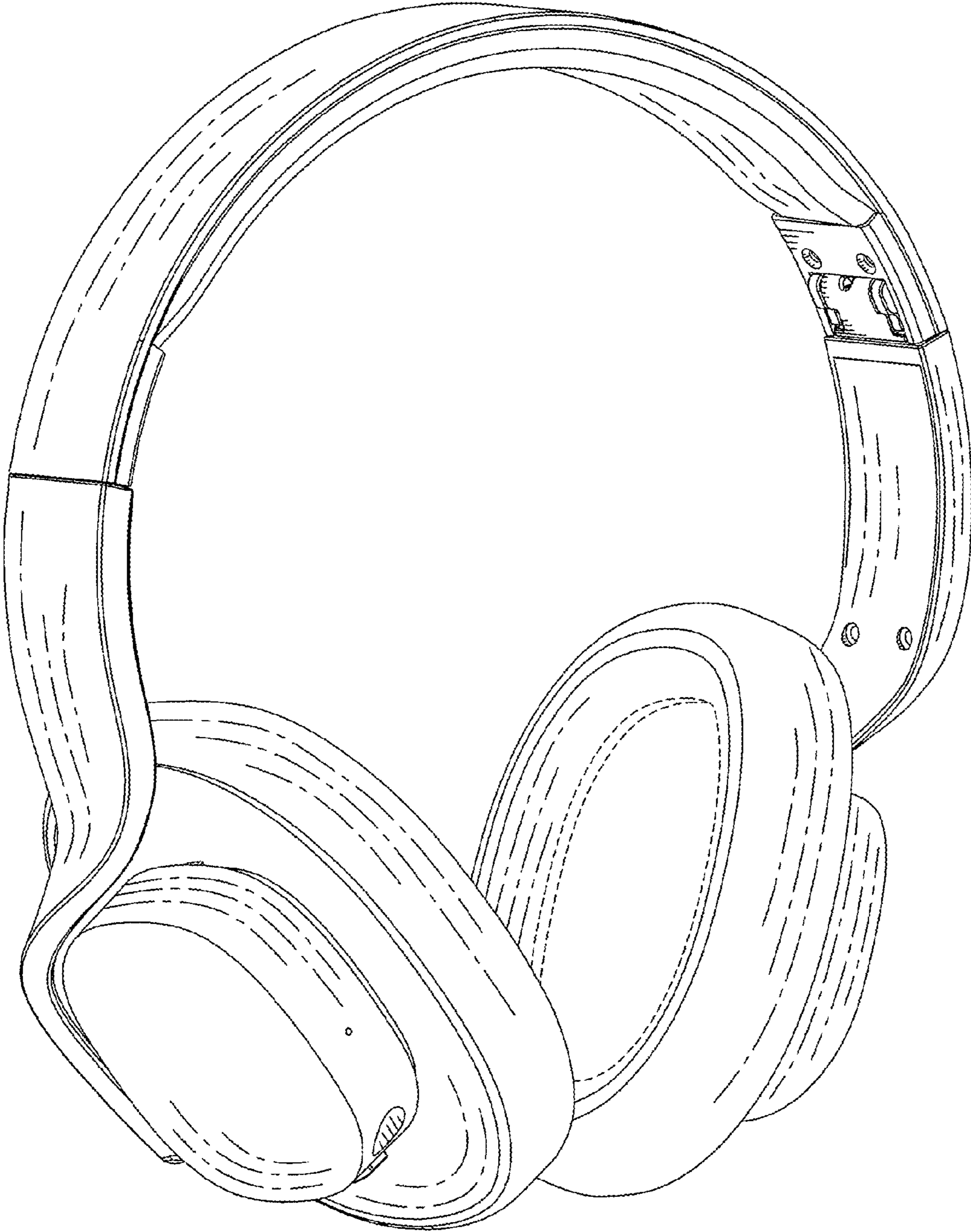


FIG. 7



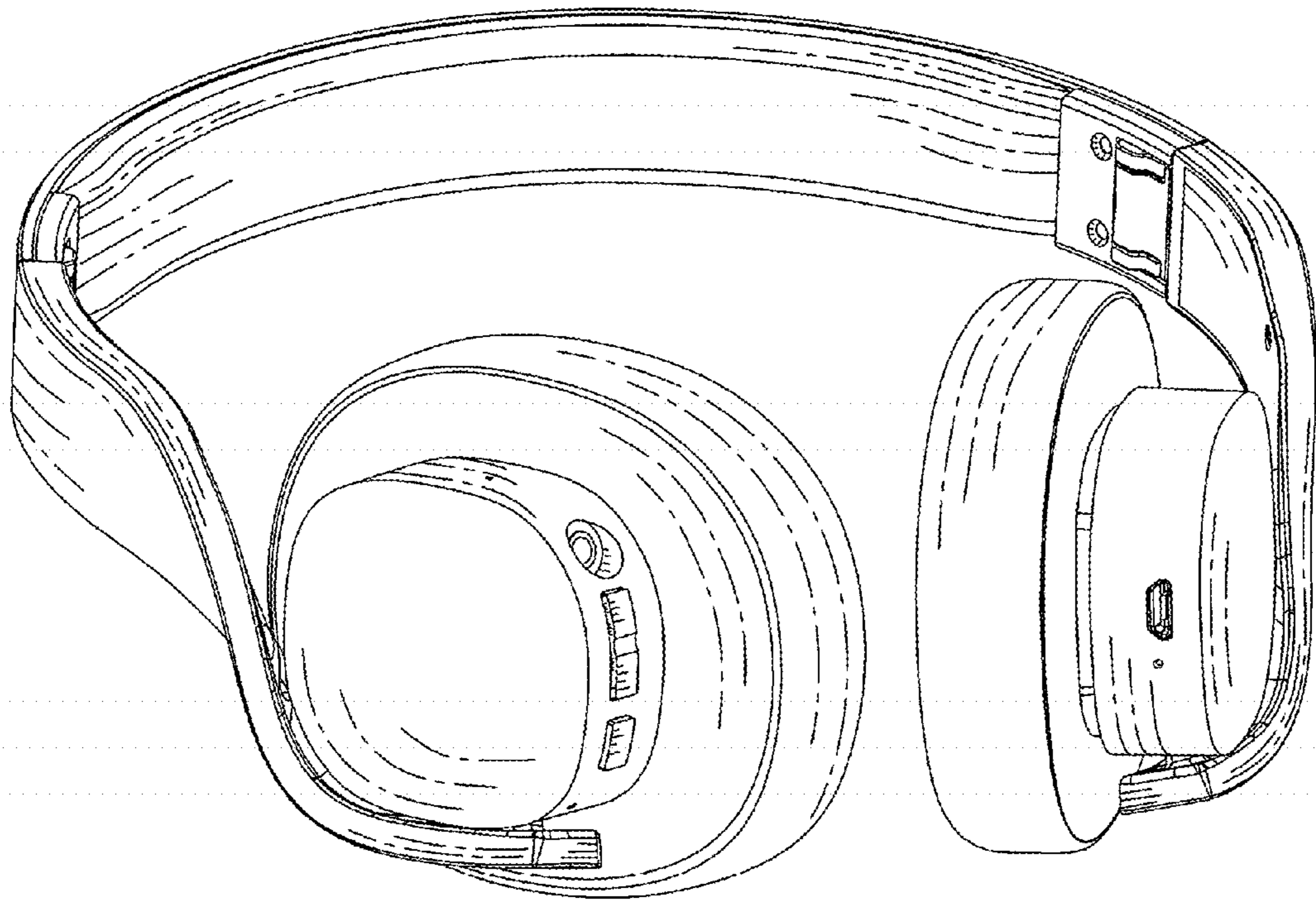


FIG. 8