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(12) **United States Design Patent** (10) **Patent No.:** **US D809,474 S**
Attal et al. (45) **Date of Patent:** **** Feb. 6, 2018**

(54) **AUDIO HEADSET FOR BIO-SIGNALS ACQUISITION**
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3,579,640 A * 5/1971 Beguin et al. A61F 11/14
2/209
3,787,641 A * 1/1974 Santori A42B 3/30
381/151
D246,242 S * 11/1977 Bellini D14/205
4,418,248 A * 11/1983 Mathis H04R 1/26
381/190
4,709,702 A 12/1987 Sherwin
4,836,219 A * 6/1989 Hobson A61B 5/1103
340/575
D302,429 S * 7/1989 Leer D14/137
4,952,024 A * 8/1990 Gale A61L 9/122
348/53

(Continued)

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

FOREIGN PATENT DOCUMENTS

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(52) **U.S. Cl.**
USPC **D14/205**
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CPC A61B 5/6803; A61B 5/0478; A61B 5/04;
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See application file for complete search history.

WO 00-45701 A1 8/2000
WO 2013-126798 A2 8/2013

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(57) **CLAIM**

The ornamental design for an audio headset for bio-signals acquisition, as shown and described.

DESCRIPTION

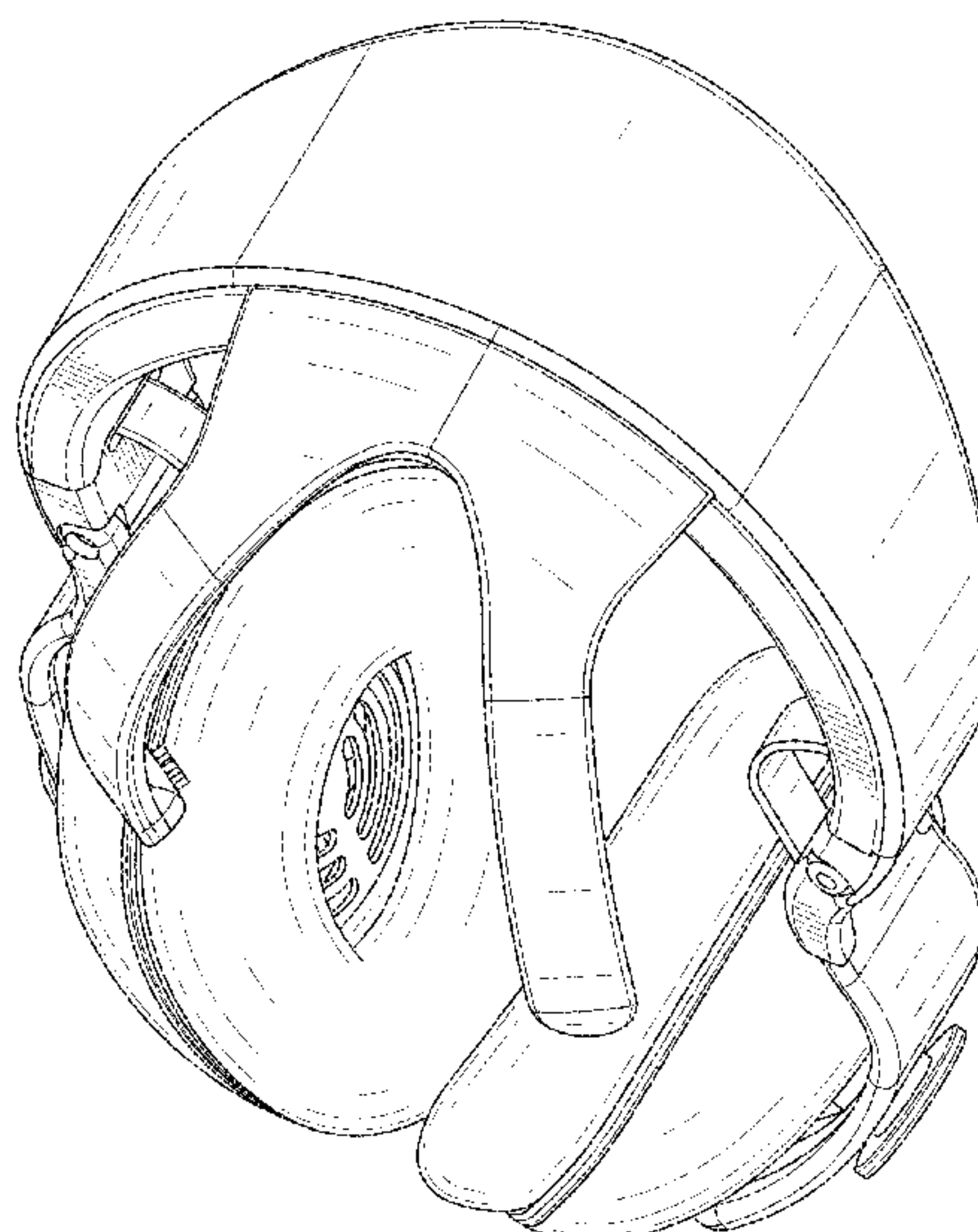
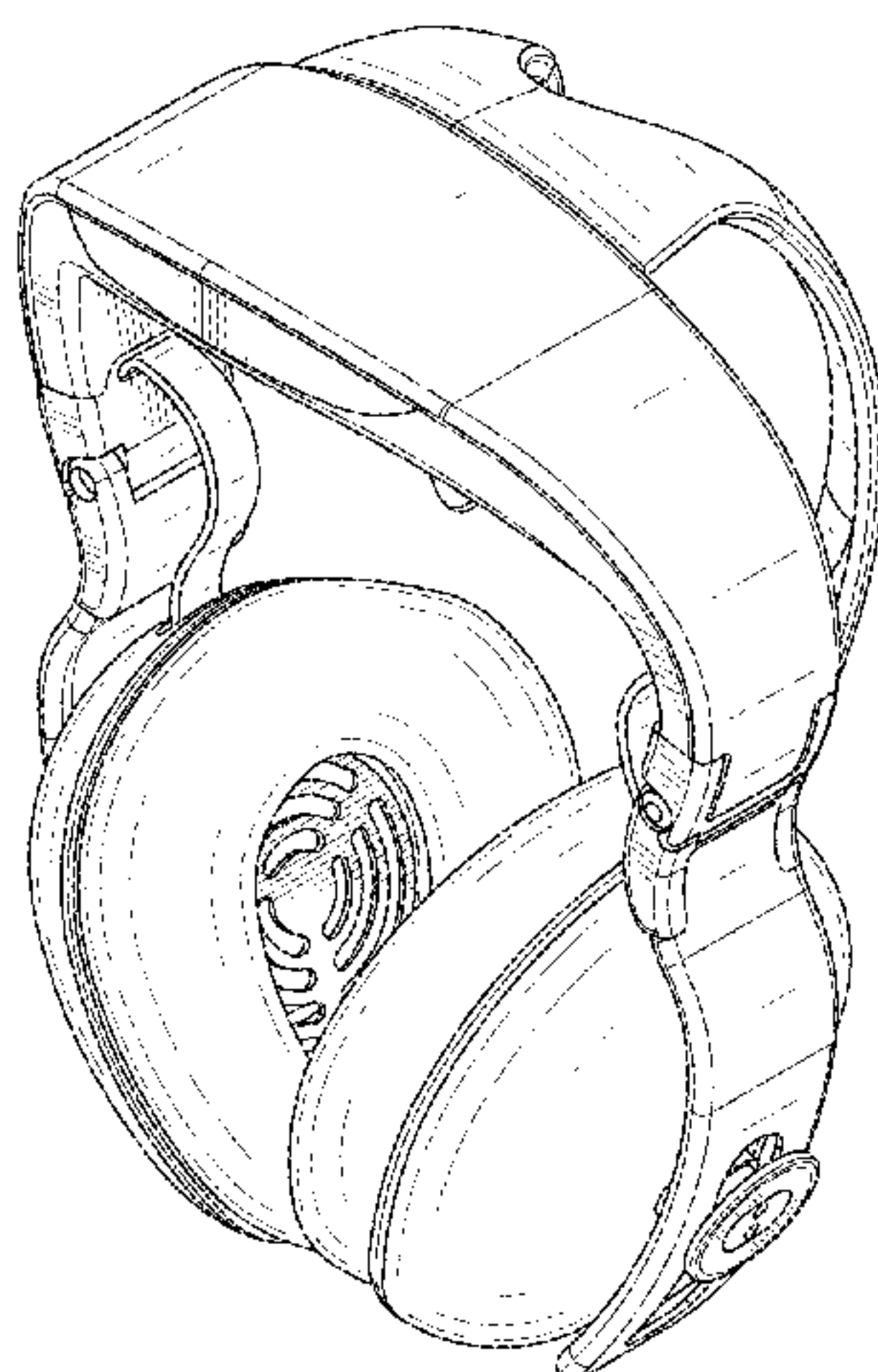
FIG. 1 is a front perspective view from above of an audio headset for bio-signals acquisition in accordance with the present invention;
FIG. 2 is a front perspective view from below thereof;
FIG. 3 is a rear three-quarter view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a rear view thereof;
FIG. 7 is a left side view thereof;
FIG. 8 is a top view thereof; and,
FIG. 9 is a bottom view thereof.
The portions of the design shown in broken lines show unclaimed subject matter.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,225,422 A * 5/1917 Feher A42B 1/068
128/866
1,560,718 A * 11/1925 Nowosielski H04R 1/1066
381/377
2,437,049 A * 3/1948 Salisbury A61F 11/14
128/866
3,490,439 A * 1/1970 Rolston A61B 5/0478
600/383

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,967,038 A 10/1990 Gevins et al.
D313,092 S * 12/1990 Nilsson D14/205
5,038,782 A * 8/1991 Gevins A61B 5/0017
600/383
5,068,923 A * 12/1991 Sjoqvist A61F 11/14
181/129
D326,717 S * 6/1992 Henderson D24/168
5,323,468 A * 6/1994 Bottesch A61F 11/04
381/151
D348,520 S * 7/1994 Wolf D24/200
D391,573 S * 3/1998 Nakamura D14/205
5,800,351 A * 9/1998 Mann A61B 5/0478
600/383
D405,537 S * 2/1999 Taylor D24/215
D405,538 S * 2/1999 Chih D24/215
D406,140 S * 2/1999 Hall D14/205
6,128,521 A * 10/2000 Marro A61B 5/04026
600/383
6,154,669 A 11/2000 Hunter et al.
D463,857 S * 10/2002 Dix D24/106
6,611,963 B2 * 9/2003 Woo A61F 11/14
2/209
6,654,966 B2 * 12/2003 Rolla H04R 5/0335
2/209
6,678,897 B2 * 1/2004 Lindgren A61F 11/14
181/129
6,993,143 B2 * 1/2006 Harris H04R 5/0335
381/374
D560,809 S * 1/2008 Causevic D24/187
D565,735 S * 4/2008 Washbon D24/187
D578,221 S * 10/2008 Sakurai D24/187
D594,127 S * 6/2009 Causevic D24/187
D600,674 S * 9/2009 Brennwald D14/205
D635,958 S * 4/2011 Ando D14/205
D647,208 S * 10/2011 Rothman D24/187
D663,717 S * 7/2012 Hutchieson D14/206
8,271,075 B2 9/2012 Chuang et al.
D686,593 S * 7/2013 Larsen D14/205
D695,263 S * 12/2013 Mogili D14/205
8,655,428 B2 * 2/2014 Pradeep A61B 5/0476
600/383
8,706,182 B2 4/2014 Yamashita

8,731,633 B2 5/2014 Asjes et al.
D707,200 S * 6/2014 Yang H04R 1/1066
D14/205
D724,560 S * 3/2015 Galler D14/205
9,036,849 B2 * 5/2015 Thompson H04R 1/083
381/122
D732,001 S * 6/2015 Licht D14/205
D740,254 S * 10/2015 Huang D14/205
D745,860 S * 12/2015 Logan D14/206
D747,495 S * 1/2016 Attal D24/186
D748,603 S * 2/2016 Kwan D14/205
D766,207 S * 9/2016 Paterson D14/205
D766,208 S * 9/2016 Paterson D14/205
D772,842 S * 11/2016 Sharp D14/205
2001/0017925 A1 * 8/2001 Ceravolo H04M 1/05
381/370
2005/0107716 A1 * 5/2005 Eaton A61B 5/0073
600/544
2005/0220318 A1 * 10/2005 Han H04R 1/1008
381/371
2006/0015989 A1 * 1/2006 Faussett A61F 11/14
2/423
2006/0252978 A1 * 11/2006 Vesely A61B 5/0482
600/27
2007/0223766 A1 * 9/2007 Davis H04M 1/05
381/379
2007/0225585 A1 * 9/2007 Washbon A61B 5/0478
600/393
2007/0238945 A1 10/2007 Delic et al.
2009/0105576 A1 4/2009 Do et al.
2010/0198042 A1 * 8/2010 Popescu A61B 5/6814
600/383
2011/0098593 A1 * 4/2011 Low A61B 5/0006
600/544
2011/0319975 A1 * 12/2011 Ho A61N 1/0408
607/139
2012/0143020 A1 * 6/2012 Bordoley A61B 5/1114
600/301
2013/0310676 A1 11/2013 Jung
2014/0051044 A1 * 2/2014 Badower A61B 5/00
434/236
2014/0249385 A1 * 9/2014 Wada A61B 5/0478
600/301

* cited by examiner

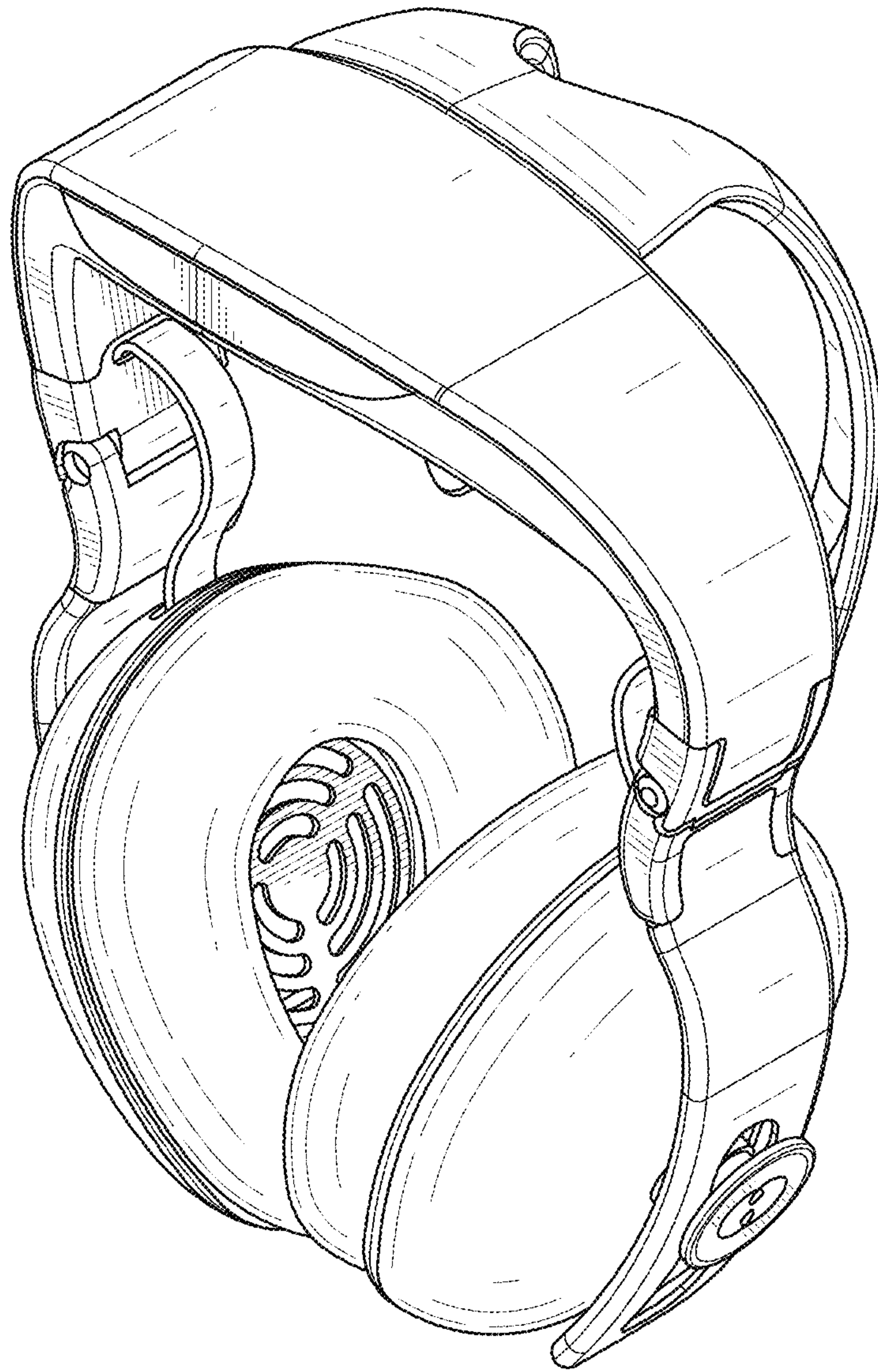


FIG.1

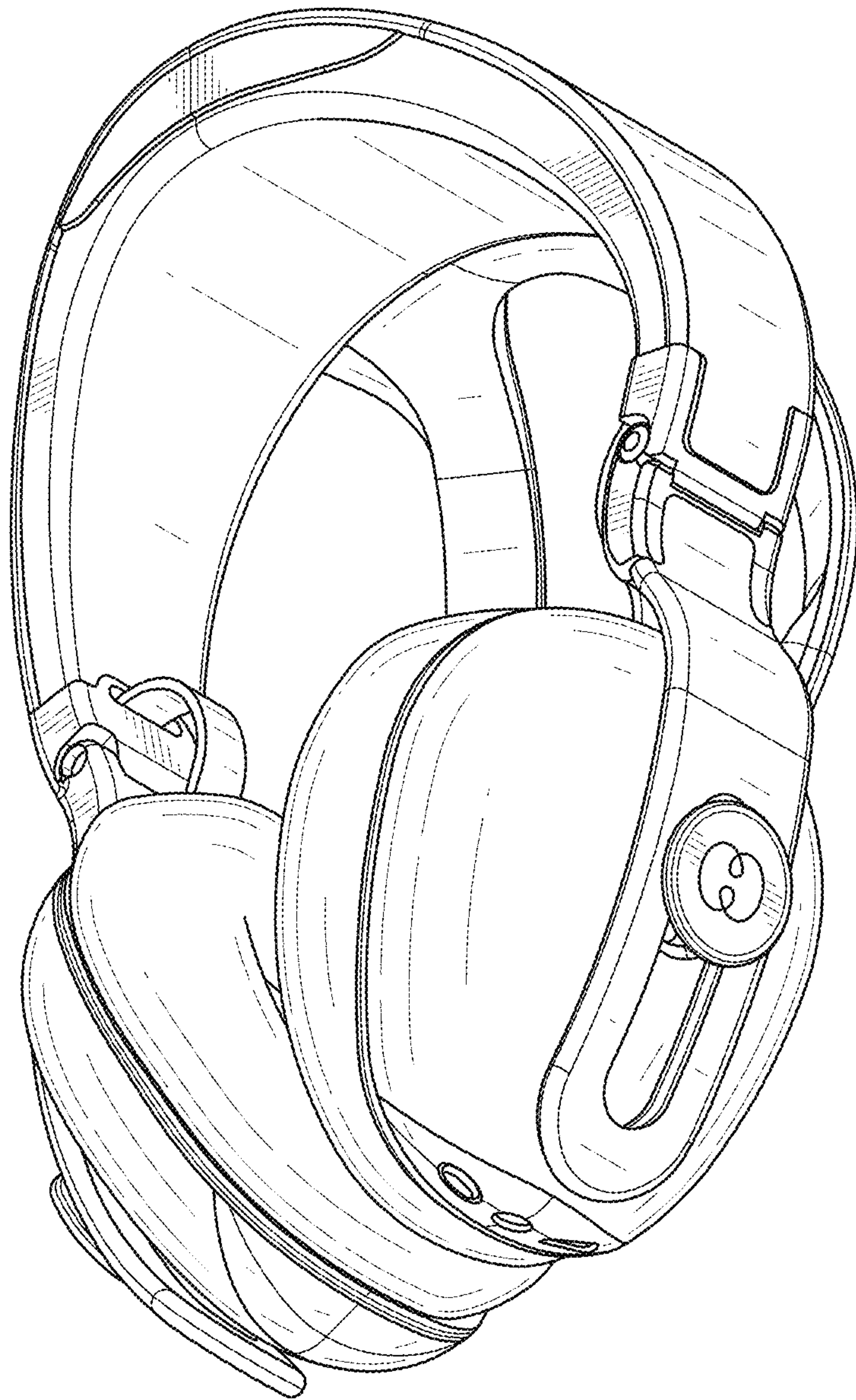


FIG.2

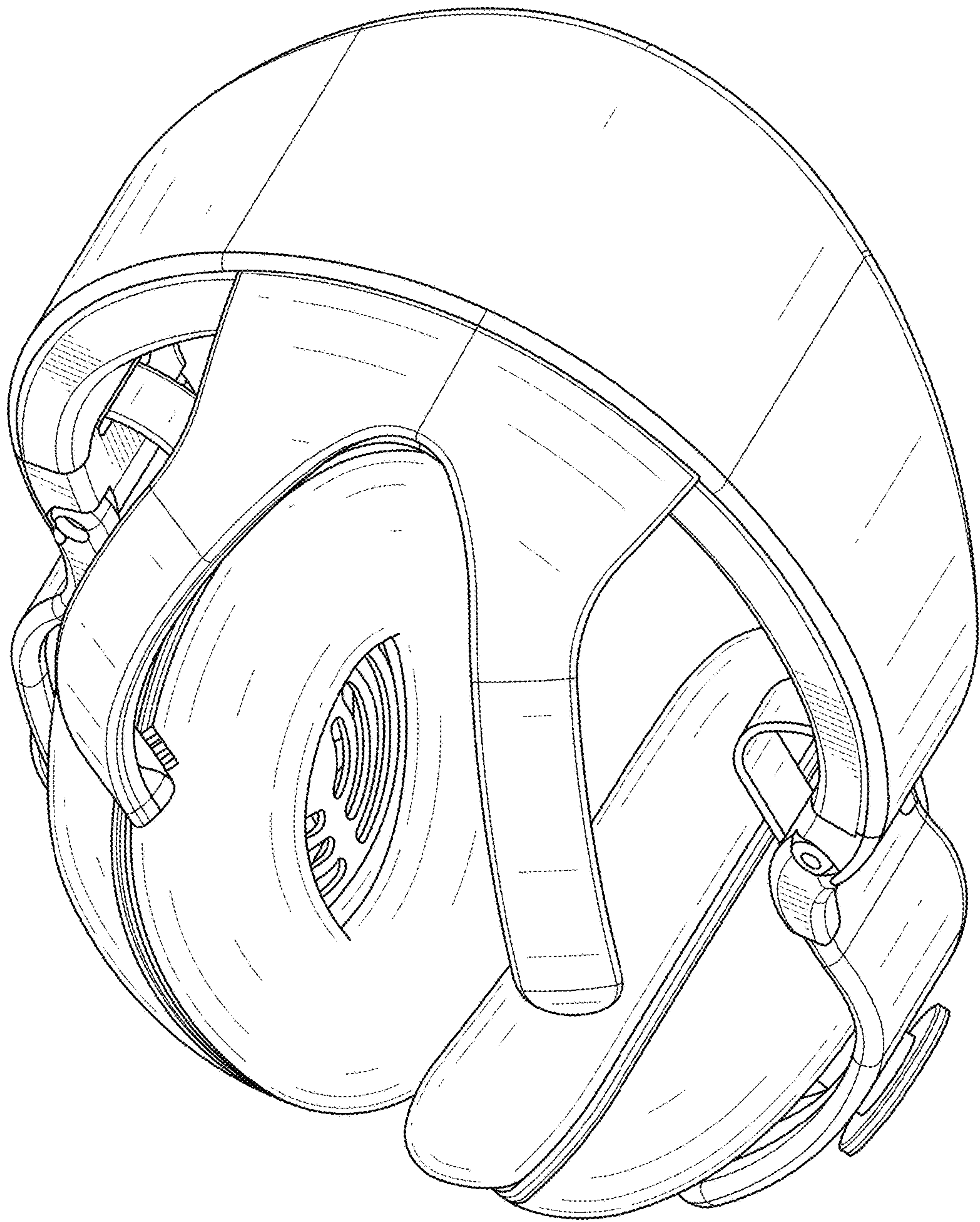


FIG.3



FIG.4

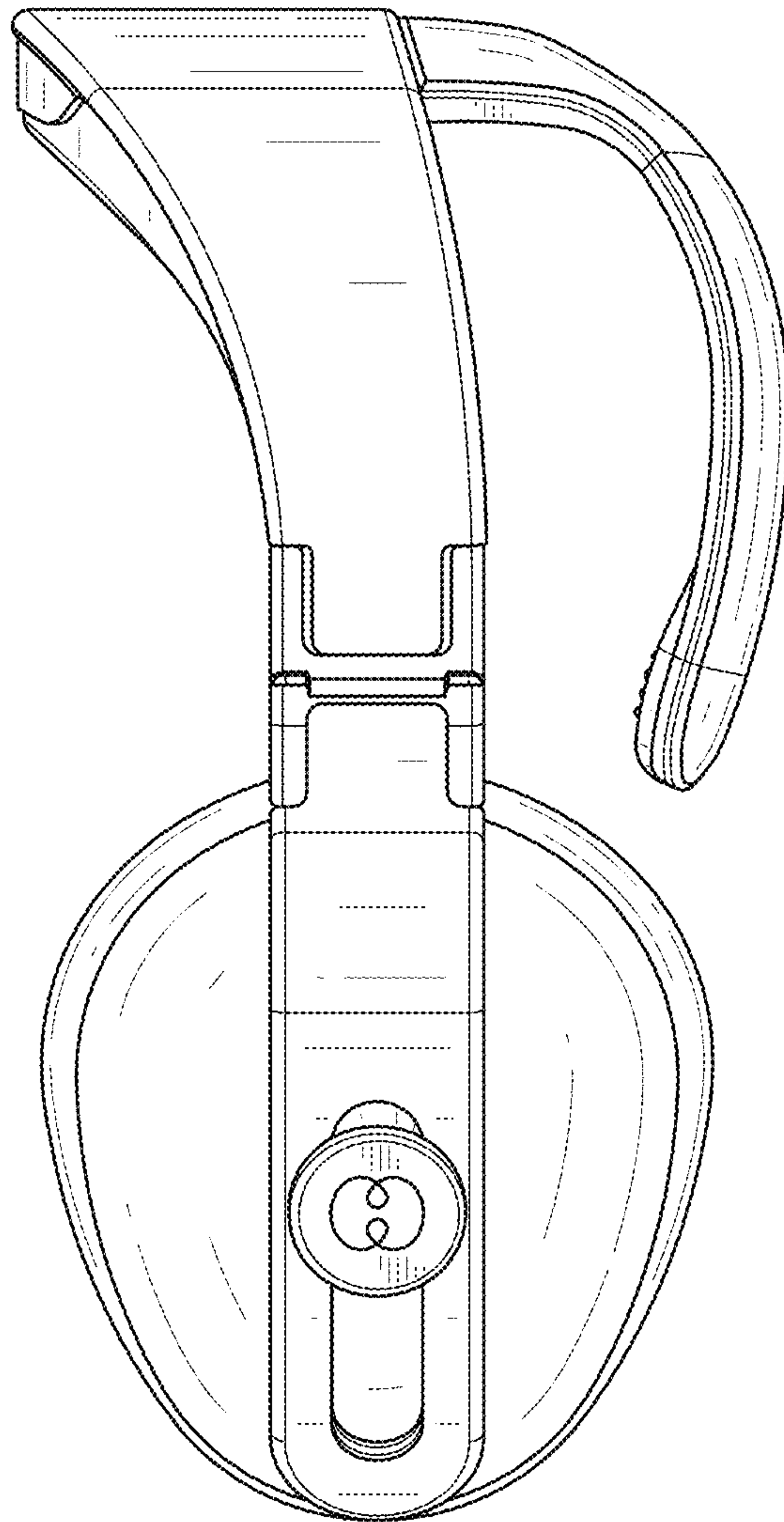


FIG.5



FIG.6

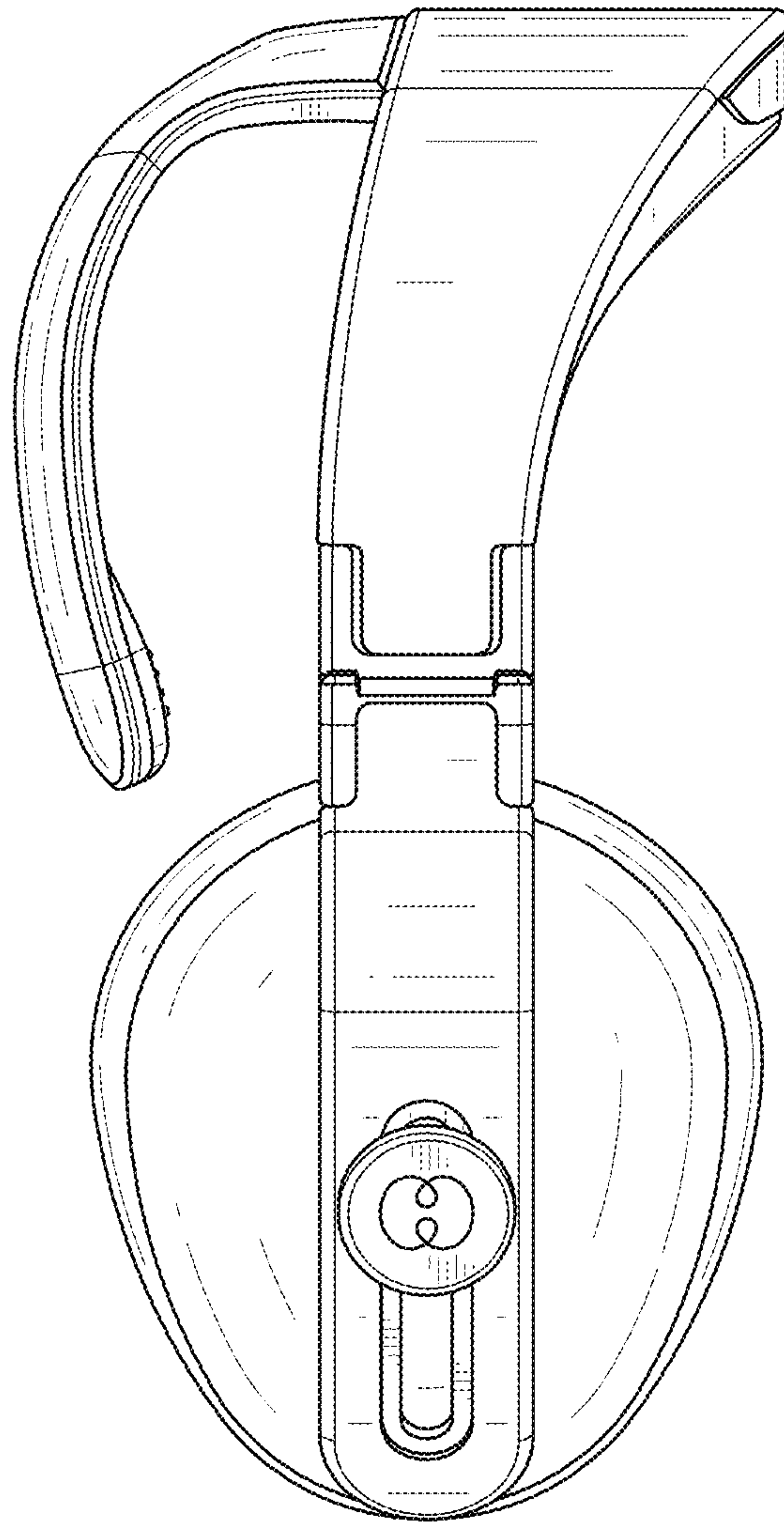


FIG.7

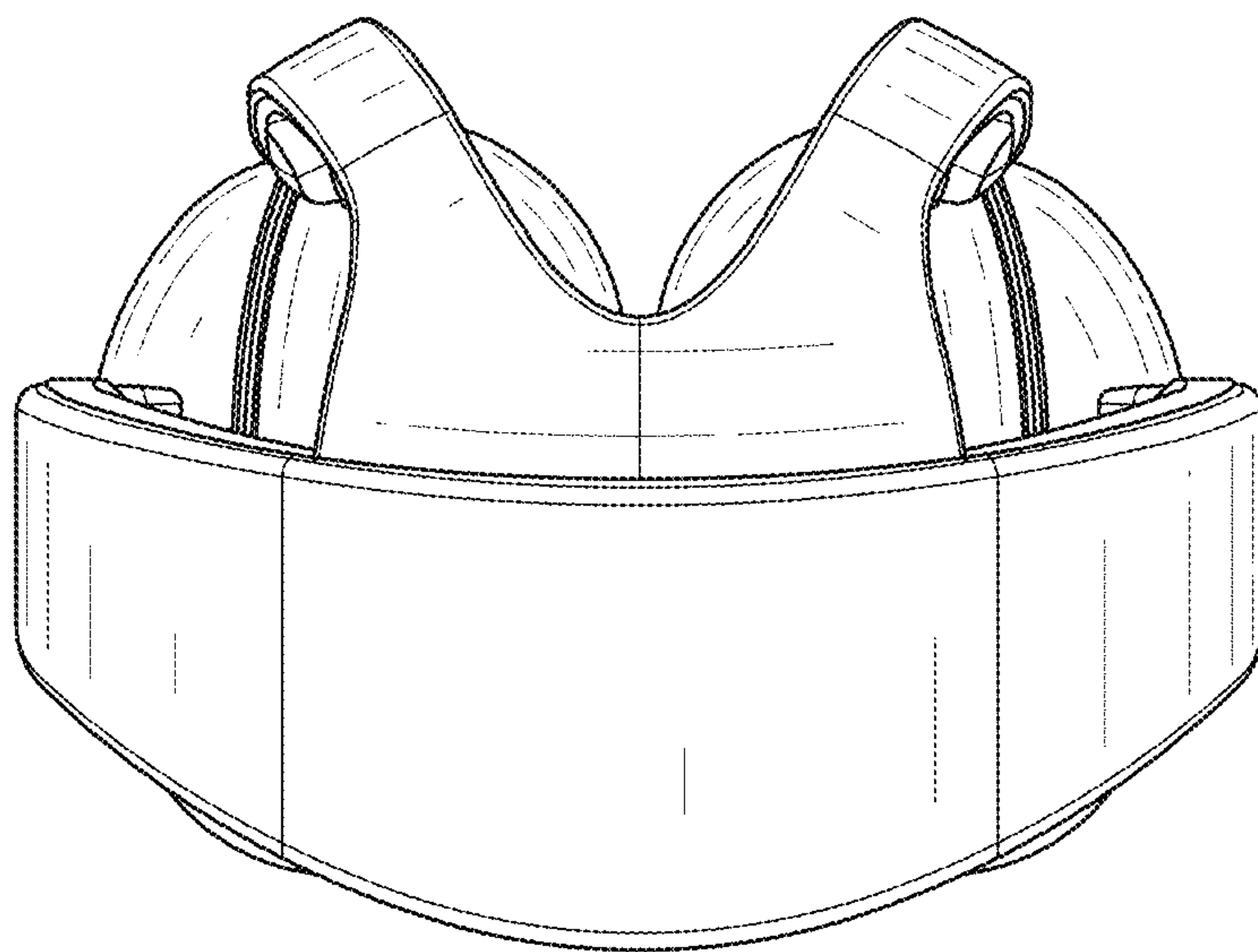


FIG.8

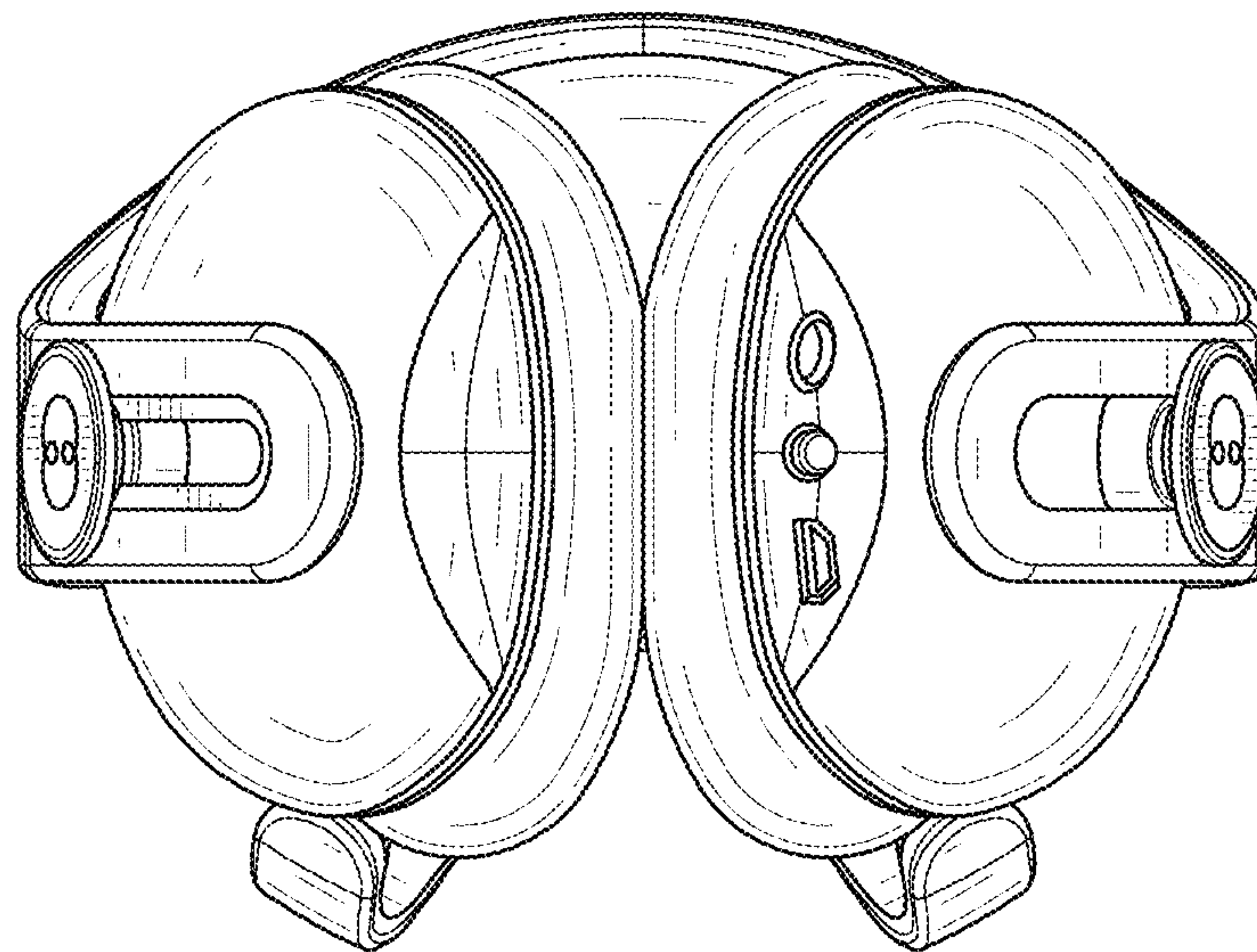


FIG.9