



US00D853985S

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

(10) **Patent No.:** **US D853,985 S**

(45) **Date of Patent:** **** Jul. 16, 2019**

(54) **HEADPHONE**

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

(72) Inventors: **Tomohiro Ito**, Tokyo (JP); **Takeshi Inoue**, Kanagawa (JP); **Daisuke Matsuo**, Saitama (JP); **Hisahiro Tanaka**, Chiba (JP)

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

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

(21) Appl. No.: **29/605,564**

(22) Filed: **May 26, 2017**

Related U.S. Application Data

(63) Continuation of application No. 29/519,237, filed on Mar. 3, 2015, now Pat. No. Des. 789,327, which is a continuation-in-part of application No. 29/483,330, filed on Feb. 27, 2014, now Pat. No. Des. 729,776.

Foreign Application Priority Data

(30) Aug. 29, 2013 (JP) D2013-019941
Aug. 29, 2013 (JP) D2013-019942
Aug. 29, 2013 (JP) D2013-019943
Aug. 30, 2013 (CN) 2013 3 0418953
Sep. 3, 2014 (CN) 2014 3 0324792
Dec. 9, 2014 (CN) 2014 3 0511146
Dec. 26, 2014 (JP) D2014-029472
Dec. 26, 2014 (JP) D2014-029473
Dec. 26, 2014 (JP) D2014-029474
Dec. 26, 2014 (JP) D2014-029475
Dec. 26, 2014 (JP) D2014-029476

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

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

(58) **Field of Classification Search**

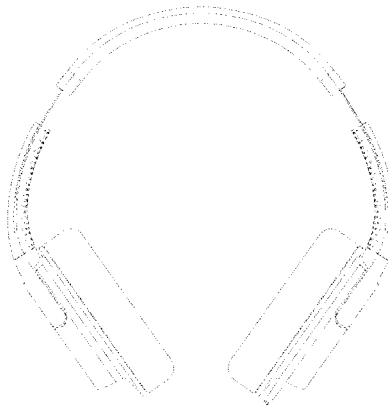
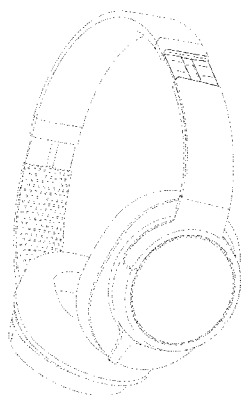
USPC D14/205, 251, 252, 253, 256; D29/112;
2/209; 181/129, 130, 135; 381/380, 381,
381/374; 455/90.3, 575.1, 569.1;

379/430, 431; D8/349, 354, 355, 383;
D2/626.639; 24/327, 321, 336, 487;
52/220.1; 248/311.2, 205.2, 406
CPC H04R 1/1066; H04R 1/1016; H04R 25/00;
H04R 5/033; H04R 5/0335
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D106,823 S	11/1937	Sears	
D135,674 S	5/1943	Williams et al.	
D206,228 S	11/1966	Strzalkawski	
D206,718 S	1/1967	Barry	
D208,784 S	10/1967	Sanzone	
3,505,684 A *	4/1970	Hutchinson	A61F 11/14 2/209
3,681,540 A *	8/1972	Thomson	H04R 1/1066 381/374
D229,833 S *	1/1974	Becker	D14/205
4,133,053 A *	1/1979	Lundin	H04R 1/1058 2/209
D254,616 S *	4/1980	Tabata	D14/205
4,209,268 A *	6/1980	Fujiwara	E21D 9/0635 277/355
D262,019 S	11/1981	Upshaw	
4,721,276 A *	1/1988	Moss	B60N 3/10 248/205.2
D301,145 S *	5/1989	Besasie	D14/205
D302,429 S *	7/1989	Leer	D14/137
D313,092 S *	12/1990	Nilsson	D14/205
5,117,465 A *	5/1992	MacDonald	H04R 1/10 381/150
D340,932 S	11/1993	Yan	
D351,172 S *	10/1994	Nakamura	D14/205
D353,379 S	12/1994	Nakamura et al.	
5,862,241 A *	1/1999	Nelson	H04R 1/105 381/374
D432,522 S	10/2000	Kieltyka et al.	
6,195,441 B1	2/2001	Ito	
6,311,881 B1 *	11/2001	Kamiya	A45F 5/02 224/195
D468,301 S	1/2003	Fushimi	
6,724,906 B2 *	4/2004	Naksen	H04R 1/1066 381/370
D508,484 S	8/2005	Okada	
D511,156 S	11/2005	Eroma et al.	
D524,794 S *	7/2006	Kim	D14/205
7,089,042 B2	8/2006	Bodley	
D529,612 S	10/2006	Feeley et al.	



D554,109 S	10/2007	Ledbetter et al.	
D564,098 S	3/2008	Lockenwitz	
D564,495 S	3/2008	Sasaki	
D567,217 S	4/2008	Kamo et al.	
7,412,070 B2 *	8/2008	Kleinschmidt	H04R 1/1083 381/370
D584,715 S	1/2009	Brennwald	
D587,247 S	2/2009	Densho	
D587,248 S	2/2009	Densho	
D587,249 S	2/2009	Densho	
D587,681 S	3/2009	Yanai	
D591,263 S	4/2009	Shimizu	
D593,995 S	6/2009	Shimizu	
7,551,748 B2	6/2009	Kamo et al.	
D597,084 S	7/2009	Gondo	
D597,683 S *	8/2009	Baccarini	D25/61
D598,431 S	8/2009	Densho	
D600,674 S	9/2009	Brennwald	
D605,636 S	12/2009	Yang	
D605,769 S	12/2009	Sjursen et al.	
D610,129 S	2/2010	Densho et al.	
D619,561 S	7/2010	Yang	
D625,704 S	10/2010	Cheng	
D625,705 S	10/2010	Ohori et al.	
D631,470 S	1/2011	Yoneyama et al.	
D632,668 S	2/2011	Brunner et al.	
D634,254 S *	3/2011	Marlow	D12/223
D635,958 S *	4/2011	Ando	D14/205
D635,960 S	4/2011	Gondo et al.	
D647,877 S	11/2011	Son	
D651,764 S	1/2012	Gresko et al.	
8,098,872 B2	1/2012	Chang	
D657,344 S	4/2012	Brunner et al.	
D657,347 S	4/2012	Chung et al.	
D661,685 S *	6/2012	Lee	D14/205
D670,274 S	11/2012	Katsumata et al.	
D673,136 S	12/2012	Kelly et al.	
D673,520 S	1/2013	Tan	
D674,767 S	1/2013	Brunner et al.	
D675,595 S	2/2013	Cho et al.	
D677,243 S	3/2013	Kitayama et al.	
D678,860 S	3/2013	Hagelin	
8,391,533 B2	3/2013	Sim et al.	
D679,682 S	4/2013	Shimizu et al.	
D680,102 S	4/2013	Chen	
D682,257 S	5/2013	Zheng et al.	
D683,329 S	5/2013	Hagelin	
D684,141 S	6/2013	Takamoto	
D689,843 S	9/2013	Lee	
D691,109 S	10/2013	Hardi et al.	
D695,261 S	12/2013	Katsumata	
D699,702 S	2/2014	Chen	
D702,668 S	4/2014	Narita et al.	
D704,161 S	5/2014	Morimoto et al.	
D704,674 S	5/2014	Shimizu	
D704,675 S	5/2014	Choteau	
D705,757 S	5/2014	Yashiro	
8,732,864 B2 *	5/2014	Fountain	A61F 11/14 2/209
8,737,668 B1 *	5/2014	Blair	H04R 1/1066 381/378
D706,241 S	6/2014	Szymanski et al.	
D707,657 S	6/2014	Burt et al.	
D710,334 S	8/2014	Yang	
D711,858 S	8/2014	Yang	
D713,384 S	9/2014	McNamara	
D715,775 S	10/2014	Rueskov	
D718,649 S	12/2014	Harel-Klein et al.	
D719,476 S	12/2014	Harel-Klein et al.	
D719,550 S	12/2014	Yang	
D720,721 S *	1/2015	Lu	D14/205
D724,560 S *	3/2015	Galler	D14/205
8,979,060 B1 *	3/2015	Olsson	F16M 11/041 248/309.1
D729,776 S *	5/2015	Miyake	D14/205
D734,297 S	7/2015	Sasaki et al.	
D736,175 S *	8/2015	Levine	D14/205
D736,185 S	8/2015	Yaegashi et al.	
D738,851 S	9/2015	Sawada	

D741,550 S	10/2015	Edwardsson et al.	
D747,702 S	1/2016	Breines	
D750,041 S *	2/2016	Birger	D14/205
D757,521 S *	5/2016	Rosner	D8/354
D758,837 S *	6/2016	Symons	D8/383
D761,761 S *	7/2016	Ando	D14/205
D765,055 S	8/2016	Hsieh et al.	
D767,531 S	9/2016	Szymanski	
D768,110 S	10/2016	Suzuki	
D789,327 S *	6/2017	Miyake	D14/205
D800,691 S *	10/2017	Ando	D14/205
D810,718 S *	2/2018	Galler	D14/205
D815,060 S *	4/2018	Ando	D14/205
D816,061 S *	4/2018	Ando	D14/205
D817,303 S *	5/2018	Tragatschnig	D14/205
2007/0189570 A1	8/2007	Matsuo et al.	

FOREIGN PATENT DOCUMENTS

CN	302578398 S	9/2013
JP	D1404725 S	1/2011
JP	D1437170 S	4/2012
JP	D1452156 S	10/2012

OTHER PUBLICATIONS

Website, Amazon.com, "Panasonic RP-HC500 Noise-Canceling Headphones," <http://www.amazon.com/Panasonic-RP-HC500-Noise-Canceling-Discontinued-Manufacturer/dp/B000OKH6ZI>, product originally available Oct. 2, 2001.

Website, Oh My Gadget!, "Phillips introduced a 'city' headphones SHL5705 and SHL5505," <http://omgdgt.com/2014/02/philips-introduced-a-city-headphones-shl5705-and-shl5505/>, posted Feb. 11, 2014.

* cited by examiner

Primary Examiner — Paula Allen Greene

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

(57) CLAIM

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

DESCRIPTION

FIG. 1 is a front, top, right perspective view of a first embodiment of a headphone showing our new design; FIG. 2 is a front, bottom, right perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a top plan view thereof; and FIG. 7 is a partially enlarged front, top, right perspective view thereof along the lines 7-7 and 7'-7' of FIG. 1; FIG. 8 is a front, top, right perspective view of a second embodiment of a headphone showing our new design; FIG. 9 is a front, bottom, right perspective view thereof; FIG. 10 is a front elevational view thereof; FIG. 11 is a rear elevational view thereof; FIG. 12 is a right side elevational view thereof; FIG. 13 is a top plan view thereof; and FIG. 14 is a partially enlarged front, top, right perspective view thereof along the lines 14-14 and 14'-14' of FIG. 8; FIG. 15 is a front, top, right perspective view of a third embodiment of a headphone showing our new design; FIG. 16 is a front, bottom, right perspective view thereof; FIG. 17 is a front elevational view thereof;

FIG. 18 is a rear elevational view thereof;
FIG. 19 is a right side elevational view thereof;
FIG. 20 is a top plan view thereof; and
FIG. 21 is a partially enlarged front, top, right perspective view thereof along the lines 21-21 and 21'-21' of FIG. 17;
FIG. 22 is a front, top, right perspective view of a fourth embodiment of a headphone showing our new design;
FIG. 23 is a front, bottom, right perspective view thereof;
FIG. 24 is a front elevational view thereof;
FIG. 25 is a rear elevational view thereof;
FIG. 26 is a right side elevational view thereof;
FIG. 27 is a top plan view thereof; and
FIG. 28 is a partially enlarged front, top, right perspective view thereof along the lines 28-28 and 28'-28' of FIG. 24;
FIG. 29 is a front, top, right perspective view of a fifth embodiment of a headphone showing our new design;
FIG. 30 is a front, bottom, right perspective view thereof;
FIG. 31 is a front elevational view thereof;
FIG. 32 is a rear elevational view thereof;
FIG. 33 is a right side elevational view thereof;
FIG. 34 is a top plan view thereof; and,
FIG. 35 is a partially enlarged front, top, right perspective view thereof along the lines 35-35 and 35'-35' of FIG. 31;
Broken lines illustrate unclaimed portions of the earphone or headphone and form no part of the claimed design. Dot-dash broken lines define the boundaries of, but are not included in, the claimed design.

1 Claim, 35 Drawing Sheets

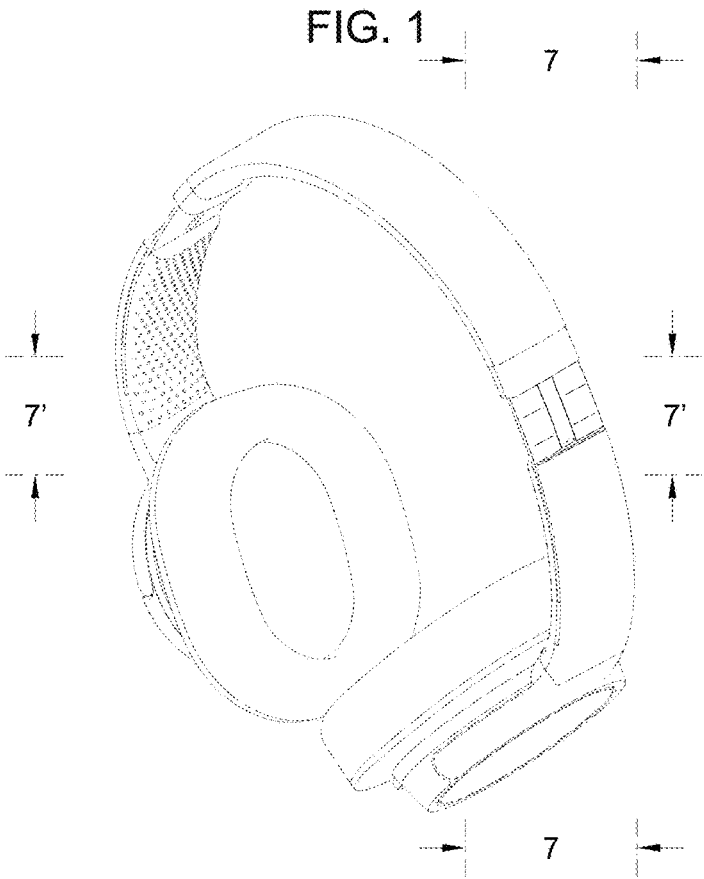


FIG. 2

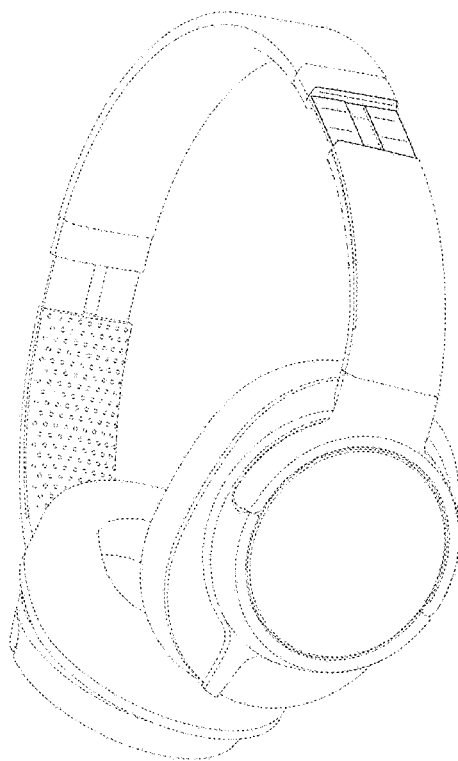


FIG. 3

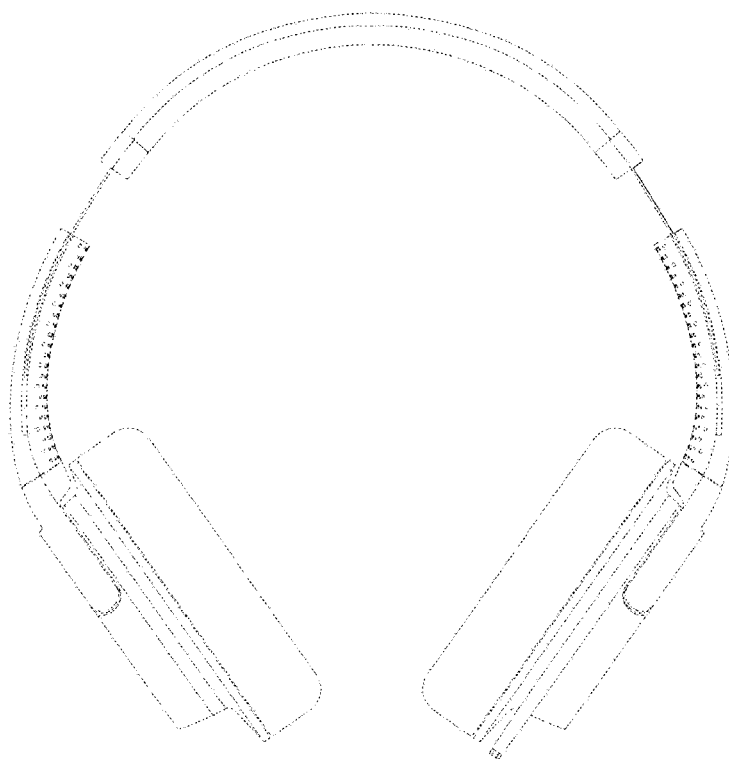


FIG. 4

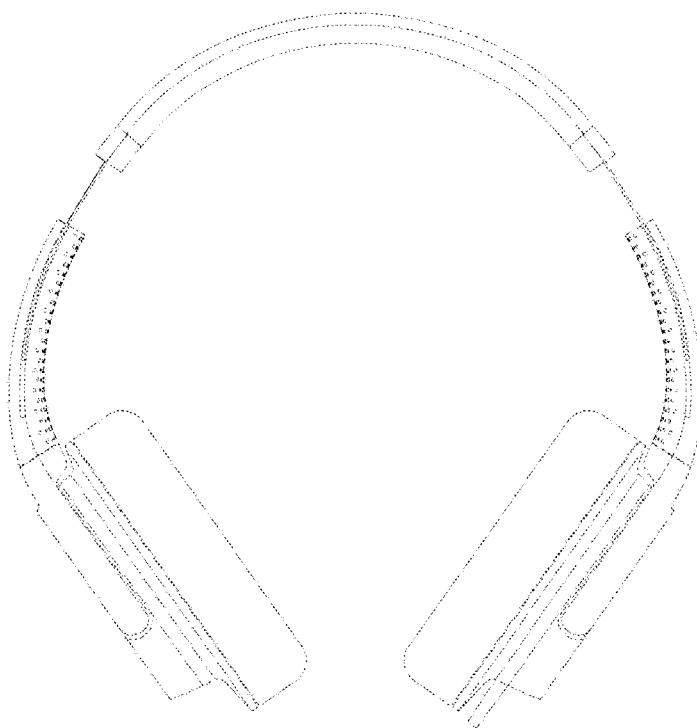


FIG. 5

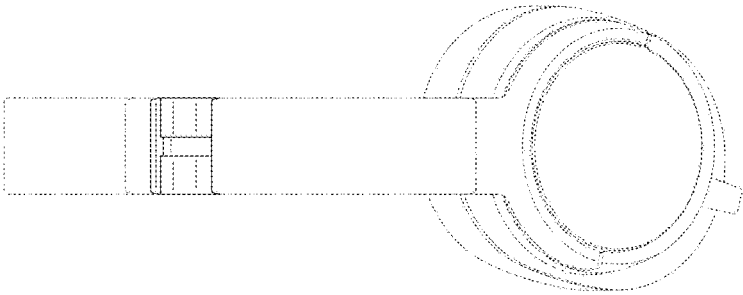


FIG. 6

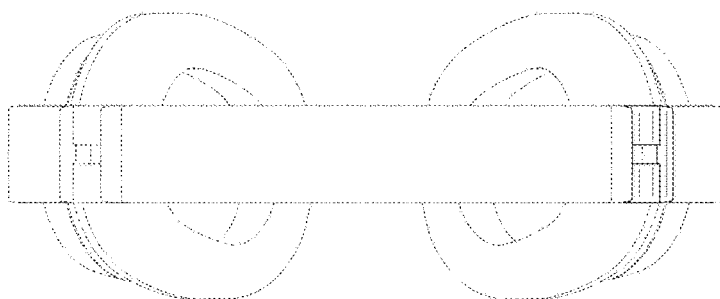


FIG. 7

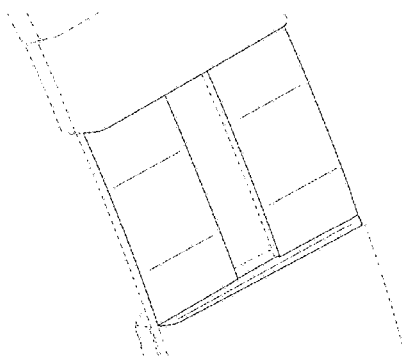


FIG. 8

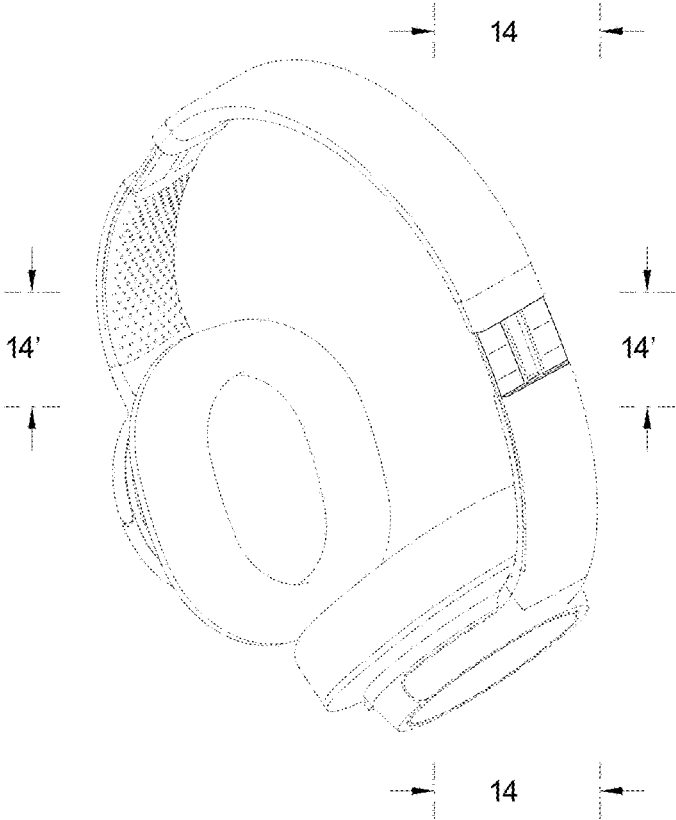


FIG. 9

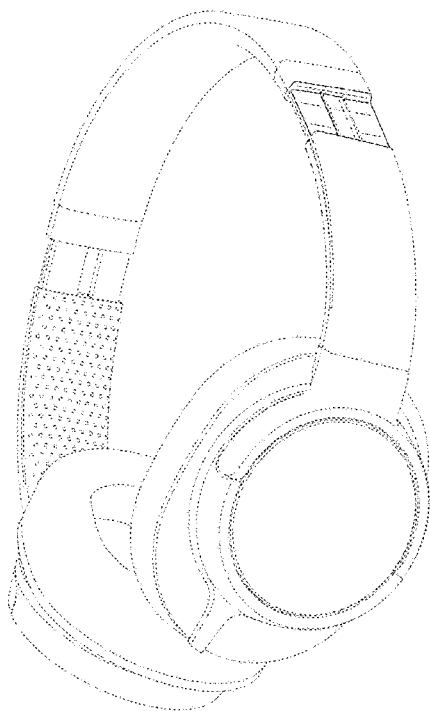


FIG. 10

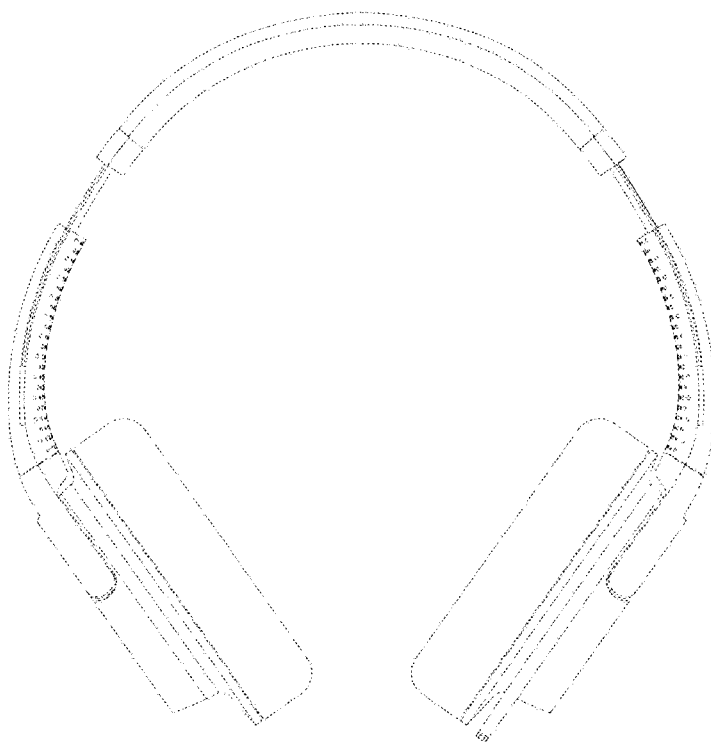


FIG. 11

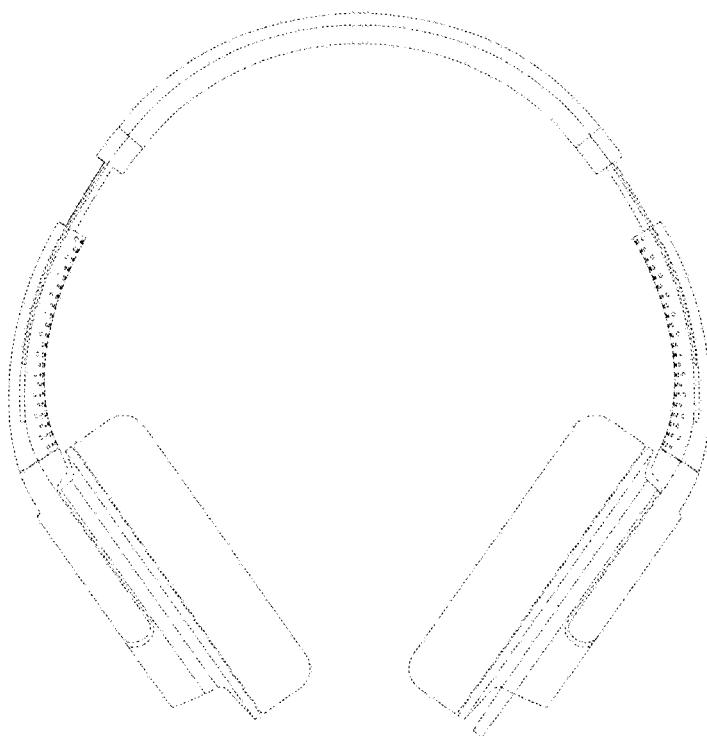


FIG. 12

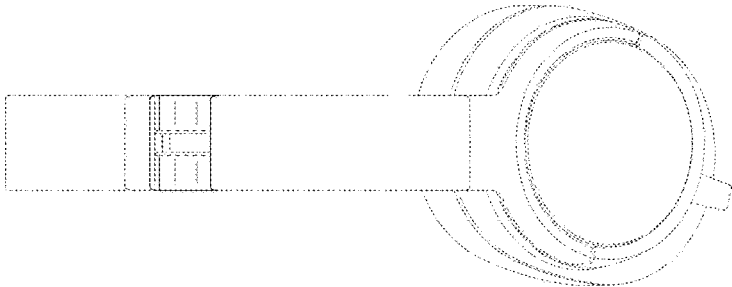


FIG. 13

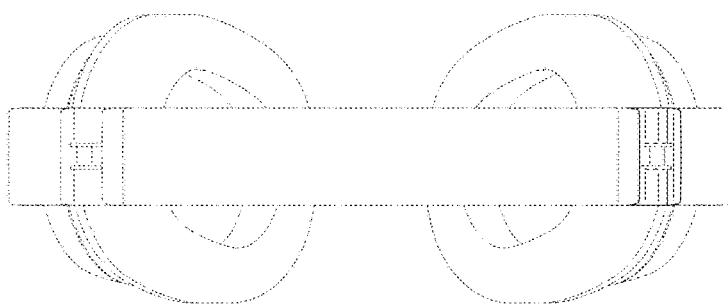


FIG. 14

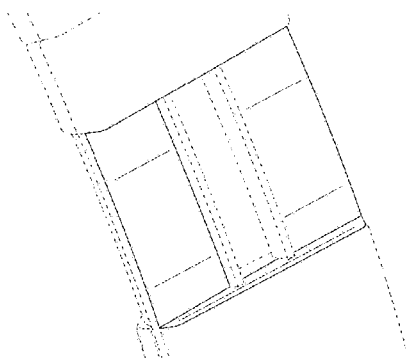


FIG. 15

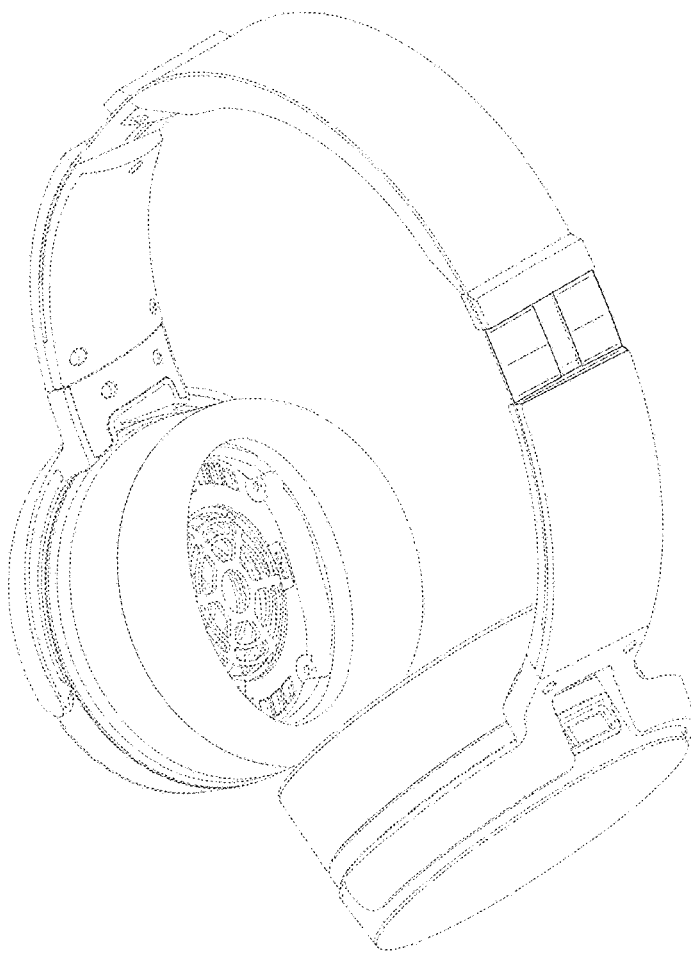


FIG. 16

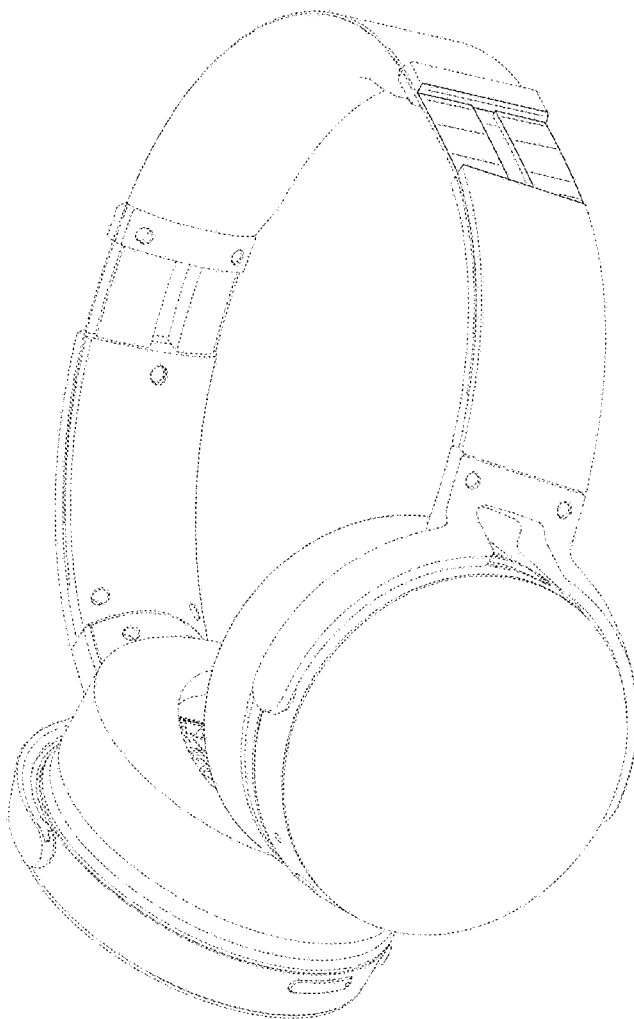


FIG. 17

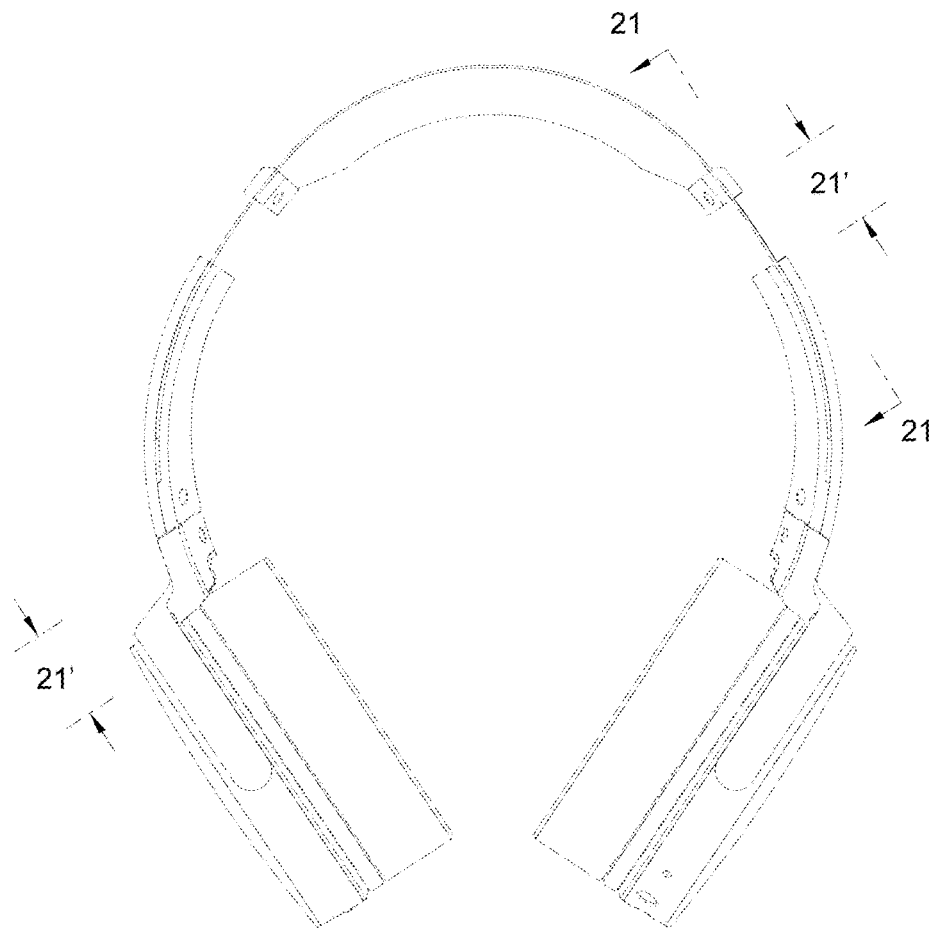
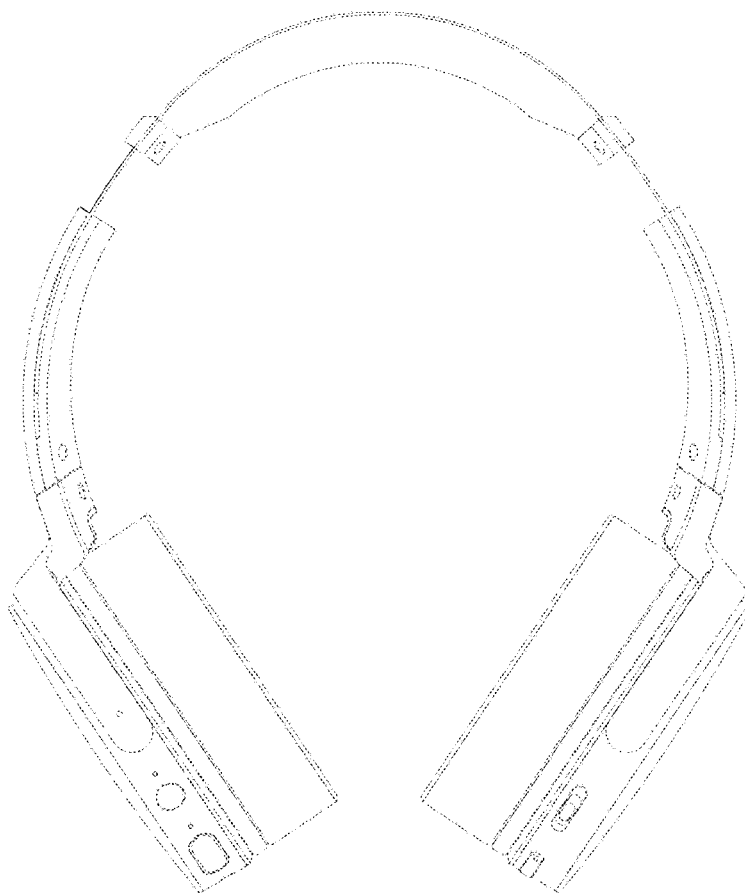


FIG. 18



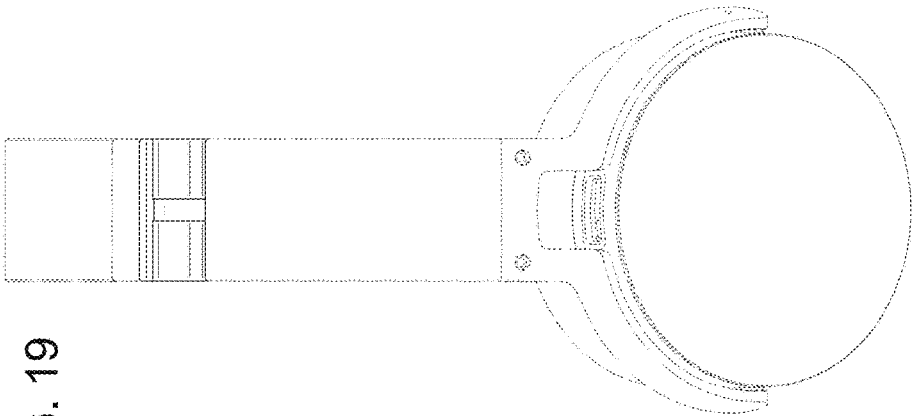


FIG. 19

FIG. 20

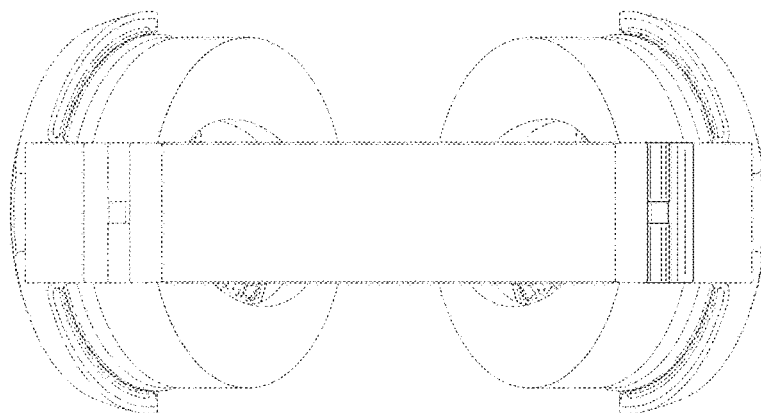


FIG. 21

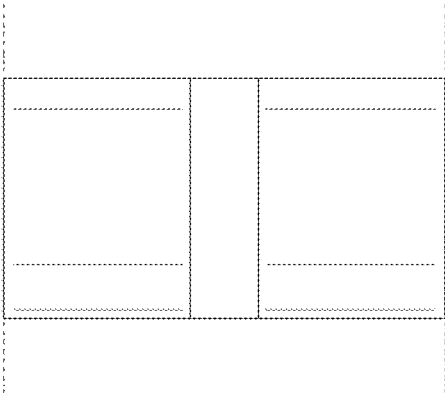


FIG. 22

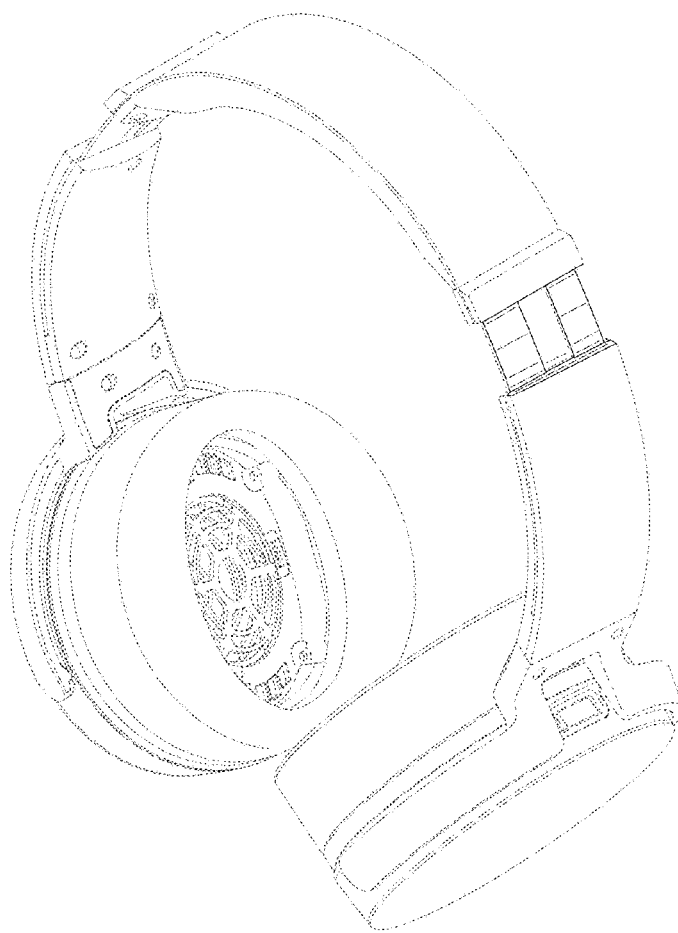


FIG. 23

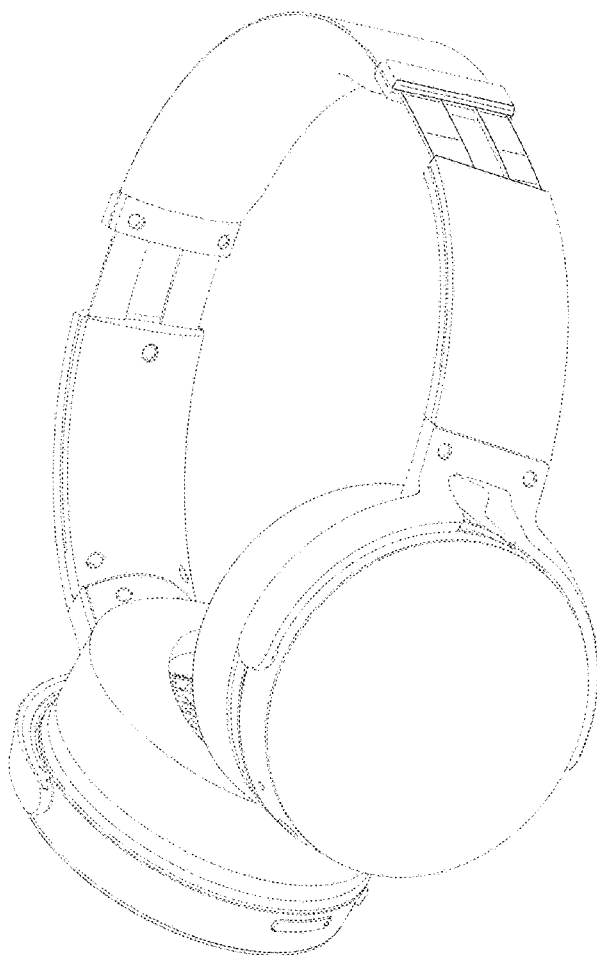


FIG. 24

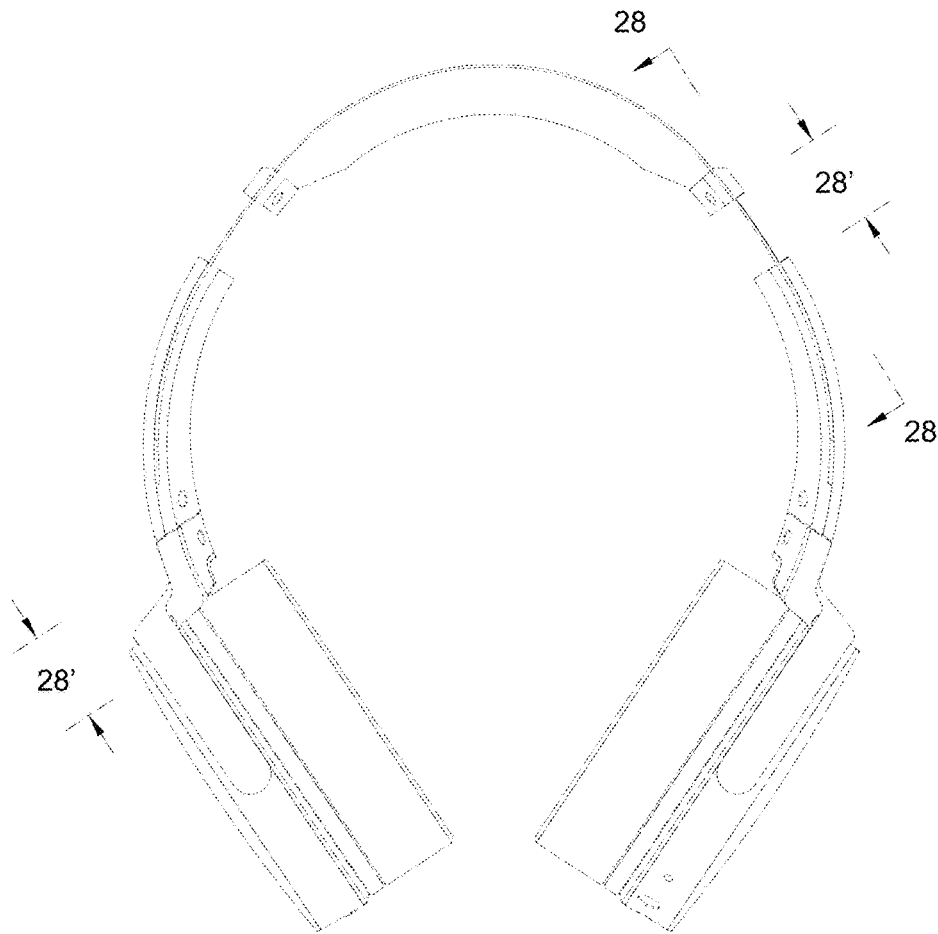
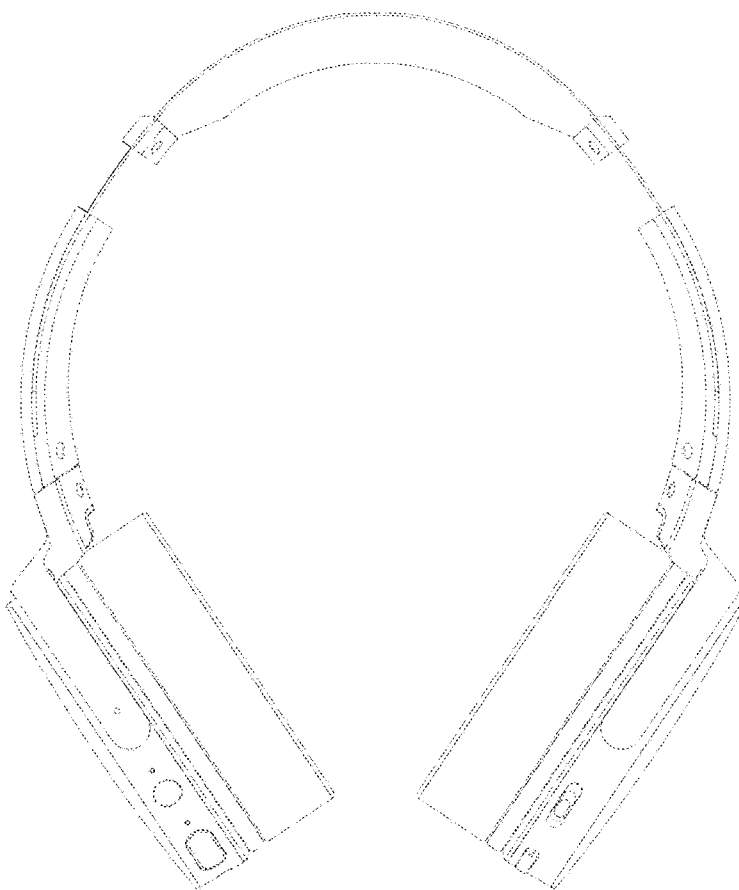


FIG. 25



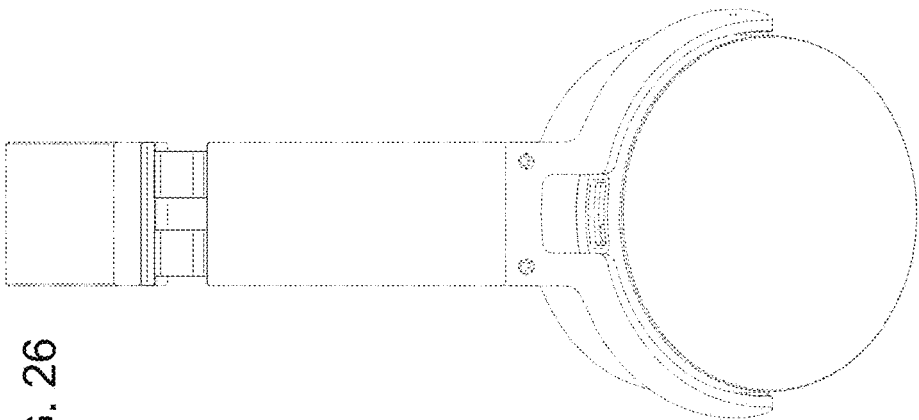


FIG. 26

FIG. 27

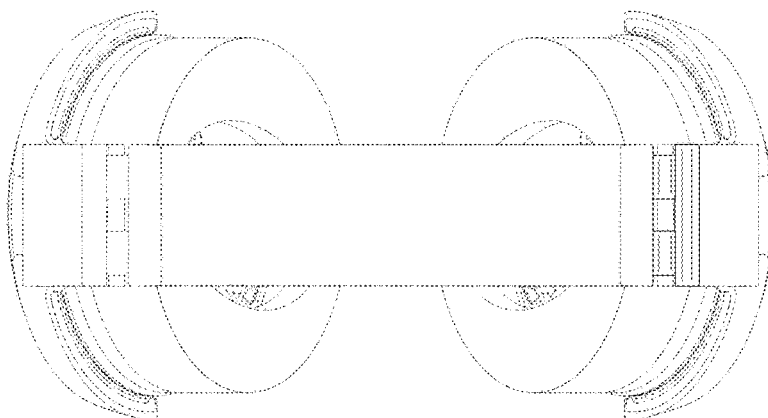


FIG. 28

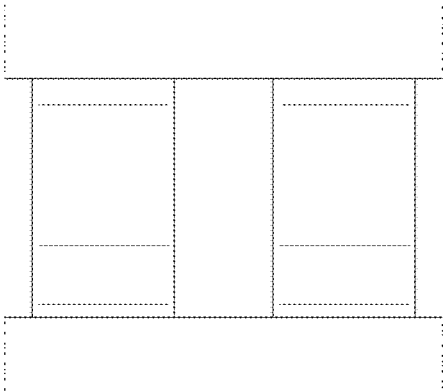


FIG. 29

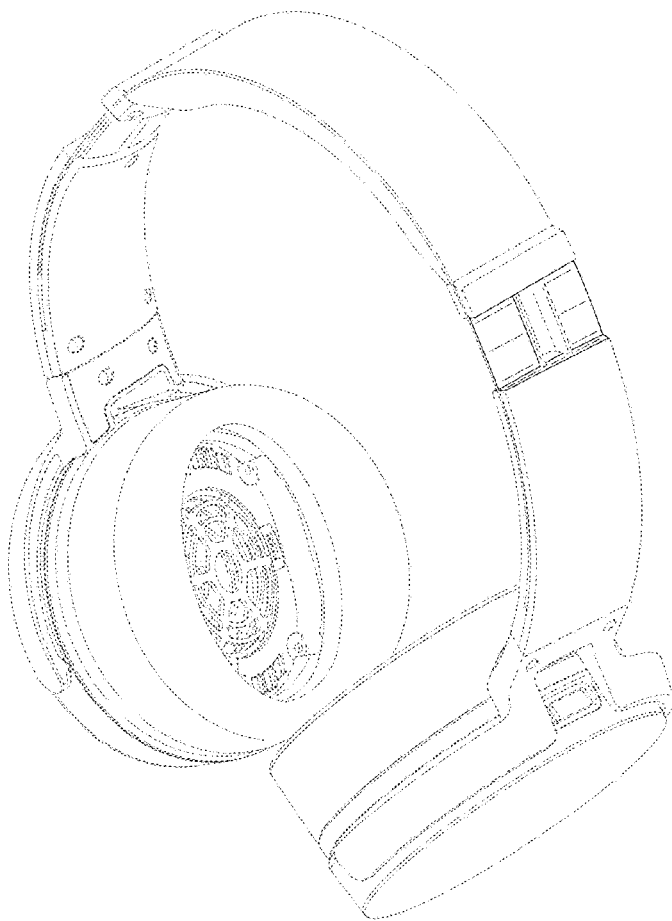


FIG. 30

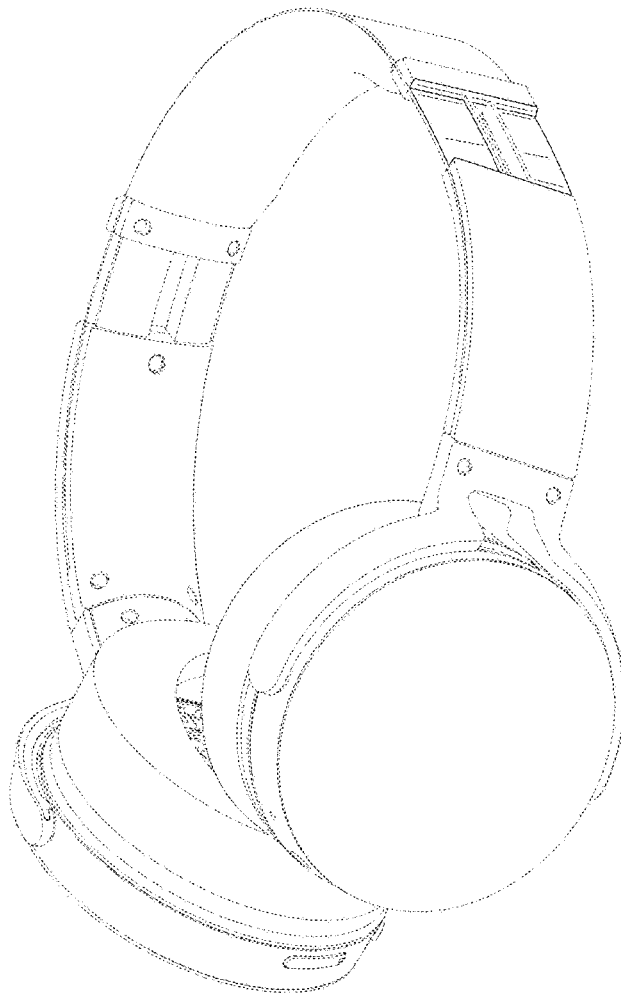


FIG. 31

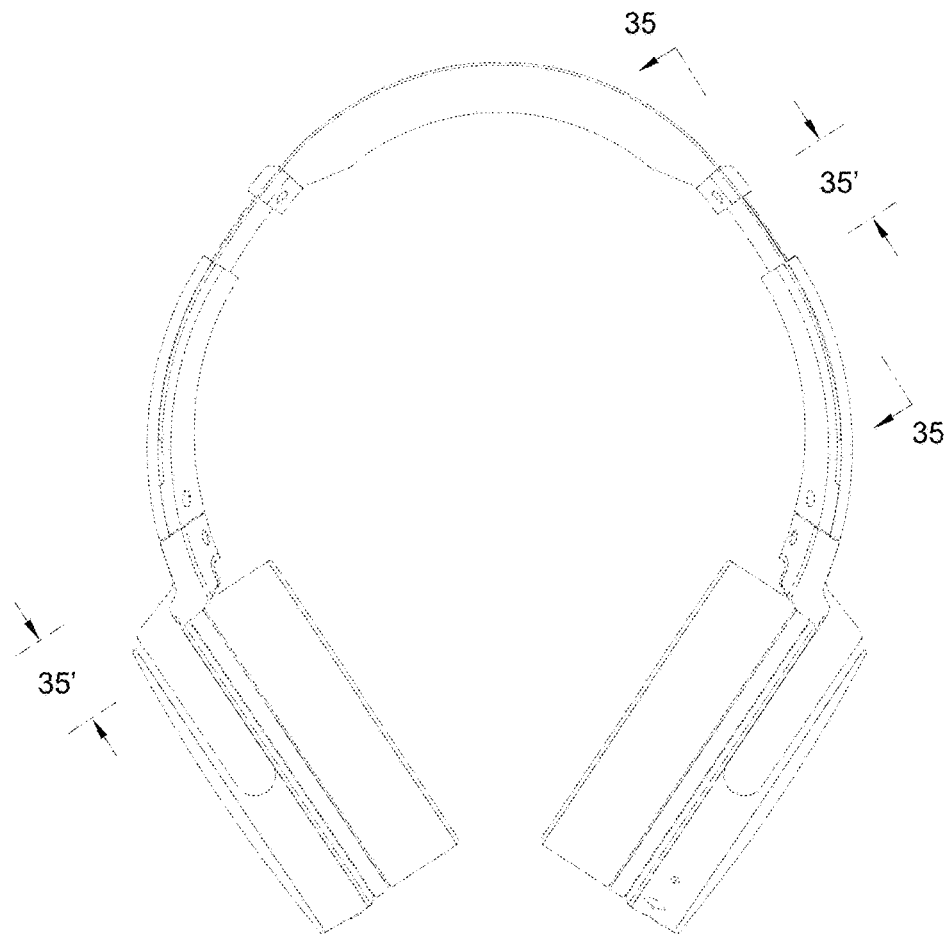
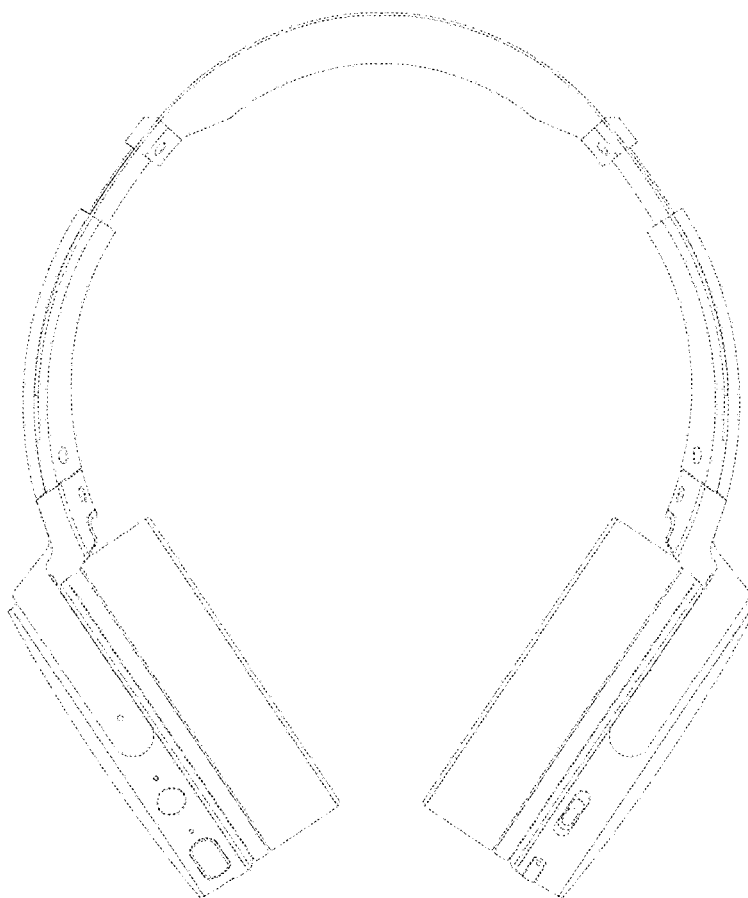


FIG. 32



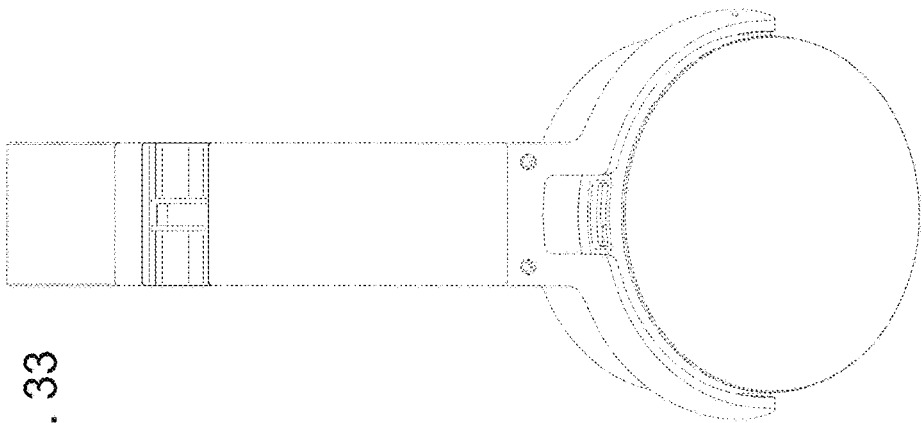


FIG. 33

FIG. 34

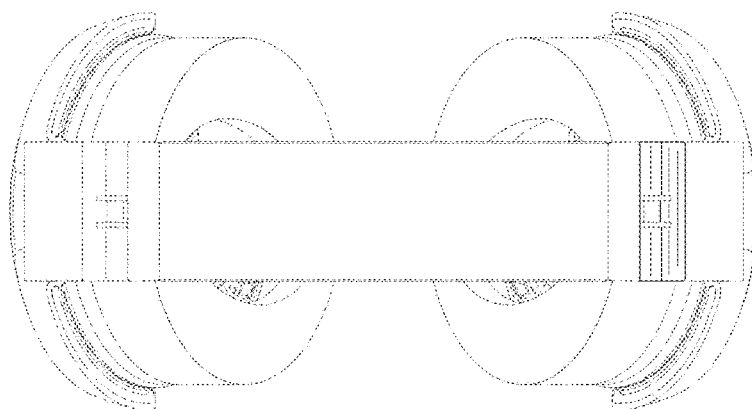


FIG. 35

