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(12) United States Design Patent

Martin et al.

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(54) **BIOINTERFACE HEADSET**

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(73) Assignee: **Halo Neuro, Inc.**, San Francisco, CA (US)

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

(21) Appl. No.: **29/612,719**

(22) Filed: **Aug. 3, 2017**

Related U.S. Application Data

(63) Continuation of application No. 29/553,513, filed on Feb. 2, 2016, now Pat. No. Des. 797,074.

(51) **LOC (11) Cl.** **14-01**
(52) **U.S. Cl.**
USPC **D14/205**
(58) **Field of Classification Search**
USPC D14/205, 188, 192, 206; D24/186, 187; 600/383, 393, 587; D29/112; 2/209; 181/129, 130, 135; 379/430, 431; 381/380, 381, 370, 374, 74; 455/90.3, 455/575.1, 569.1
CPC H04R 1/1066; H04R 1/1016; H04R 25/00; H04R 1/02; H04R 1/10; H04R 1/105; H04R 5/033; H04R 5/0335; A61B 5/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,606,165	A	11/1926	Glenn	
3,104,398	A *	9/1963	Palmaer	A61F 11/14 2/209
3,464,416	A *	9/1969	Williams	A61N 1/36014 600/26
3,659,614	A *	5/1972	Jankelson	A61N 1/321 607/139
3,796,840	A	3/1974	Ohta	
3,984,636	A	10/1976	Turner et al.	
3,984,885	A	10/1976	Yoshimura et al.	
D286,632	S	11/1986	Teunis	

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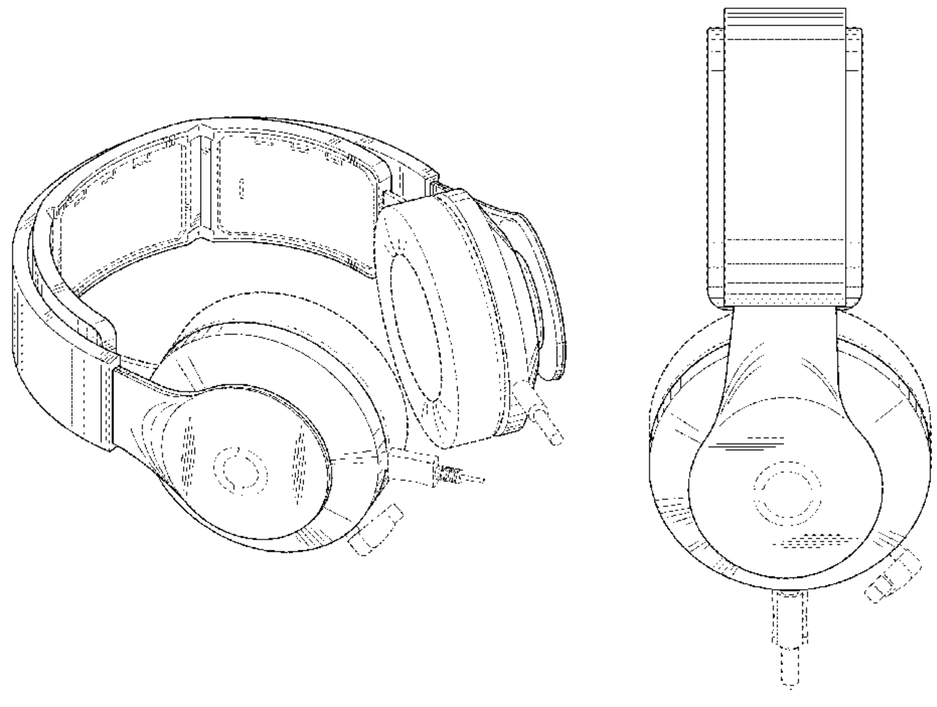
(57) **CLAIM**

The ornamental design for a biointerface headset, as shown and described.

DESCRIPTION

FIG. **1** is an isometric view, from the front left, of the biointerface headset.
FIG. **2** is an isometric view, from the back right, of the biointerface headset.
FIG. **3** is an elevation view of the front of the biointerface headset.
FIG. **4** is a plan view of the bottom of the biointerface headset.
FIG. **5** is a plan view of the top of the biointerface headset.
FIG. **6** is n elevation view of the back of the biointerface headset.
FIG. **7** is an elevation view of the left of the biointerface headset; and,
FIG. **8** is an elevation view of the right of the biointerface headset.

(Continued)



All broken lines depict environment that forms no part of the claimed design.

1 Claim, 4 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D293,373	S	*	12/1987	Beck	D16/312
4,967,038	A	*	10/1990	Gevins	A61B 5/0017 600/383
5,306,228	A	*	4/1994	Rubins	A61M 21/00 600/27
5,409,445	A	*	4/1995	Rubins	A61M 21/00 600/27
D358,390	S		5/1995	Hayashi	
5,740,254	A		4/1998	Thompson et al.	
5,740,812	A	*	4/1998	Cowan	A61B 5/0482 600/545
D403,128	S	*	12/1998	Scanlon	D29/122
D406,140	S		2/1999	Hall	
6,077,237	A	*	6/2000	Campbell	G06F 3/011 600/587
6,081,604	A		6/2000	Hikichi et al.	
D432,012	S		10/2000	Roberts	
6,154,669	A	*	11/2000	Hunter	A61B 5/0478 600/383
6,449,806	B1	*	9/2002	Engelhard	H04M 1/05 2/209
D484,485	S		12/2003	Matsuoka	
D534,155	S		12/2006	Obata	
D540,301	S		4/2007	Obata	
D541,257	S		4/2007	Thursfield	
D560,809	S	*	1/2008	Causevic	D24/187
D578,221	S	*	10/2008	Sakurai	D24/187
D594,127	S	*	6/2009	Causevic	D24/187
D625,705	S		10/2010	Ohori et al.	
D632,668	S		2/2011	Brunner et al.	
D639,776	S	*	6/2011	Arimoto	D14/205
D652,406	S		1/2012	Lee et al.	
D657,344	S		4/2012	Brunner et al.	
D660,823	S		5/2012	Hardi et al.	
D660,824	S		5/2012	Hardi et al.	
D663,716	S		7/2012	Hardi et al.	
D673,136	S		12/2012	Kelly et al.	
D673,518	S		1/2013	Tan	
D673,520	S		1/2013	Tan	
D683,329	S		5/2013	Hagelin	
D692,410	S	*	10/2013	Brunner	H04S 1/005 D14/206
D698,748	S	*	2/2014	Naitou	D14/205
D699,702	S		2/2014	Chen	
8,675,885	B2		3/2014	Sapiejewski	
8,706,182	B2	*	4/2014	Yamashita	A61B 5/0478 600/372
8,731,633	B2	*	5/2014	Asjes	A61B 5/04085 600/383
D706,241	S		6/2014	Szymanski	
8,880,173	B2		11/2014	Diubaldi et al.	
8,938,301	B2		1/2015	Hagedorn	
D727,285	S	*	4/2015	Galler	D14/205
D727,286	S	*	4/2015	Galler	D14/205
D732,504	S		6/2015	Funayama	
D747,495	S	*	1/2016	Attal	D24/186
D748,603	S	*	2/2016	Kwan	D14/205
D752,017	S		3/2016	Daniel et al.	
D775,104	S		12/2016	Lee	
D778,258	S		2/2017	Hsu et al.	
D780,713	S		3/2017	Szymanski	
D797,074	S	*	9/2017	Martin	D14/205
D797,296	S	*	9/2017	Dehollander	D24/187
D797,297	S	*	9/2017	Martin	D24/187
D826,412	S	*	8/2018	Martin	D24/187
2015/0182165	A1	*	7/2015	Miller	A61B 5/6803 600/544
2015/0282760	A1	*	10/2015	Badower	A61B 5/04012 600/383
2016/0346117	A1		12/2016	Rogers et al.	
2016/0354005	A1	*	12/2016	Oakley	A61B 5/0478

* cited by examiner

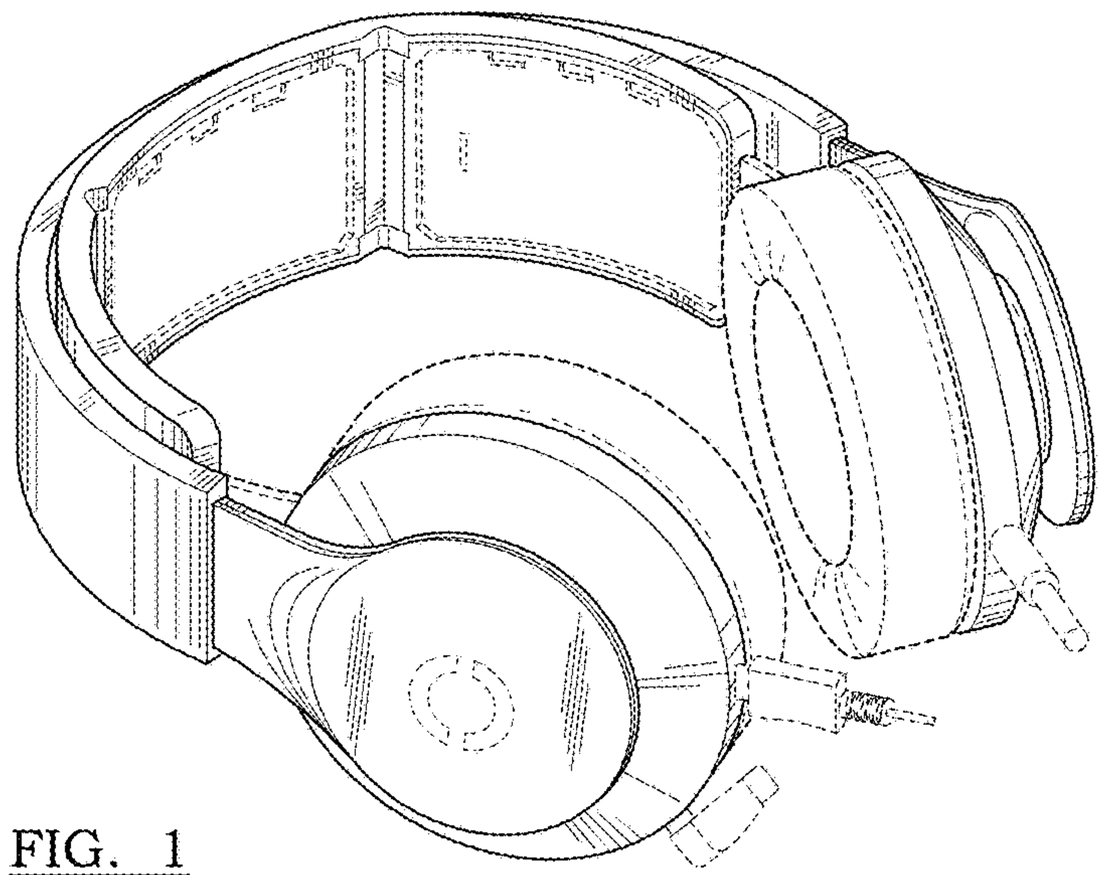


FIG. 1

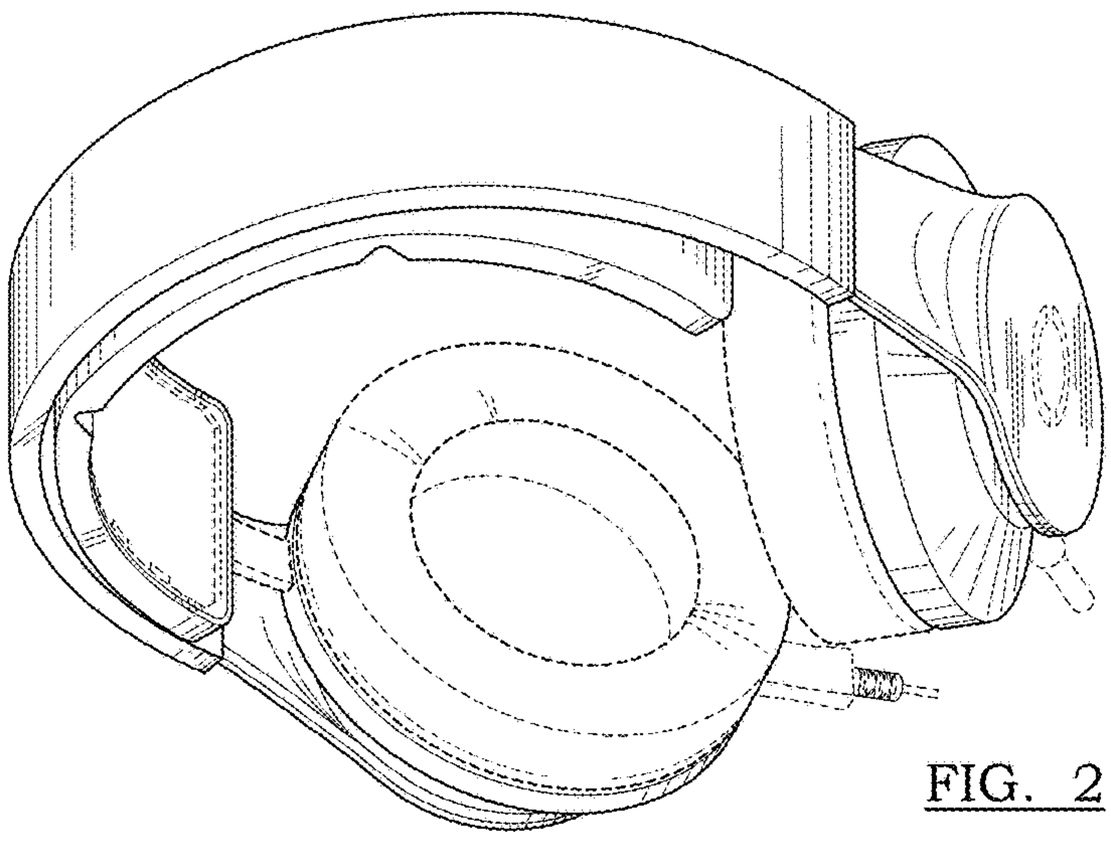


FIG. 2

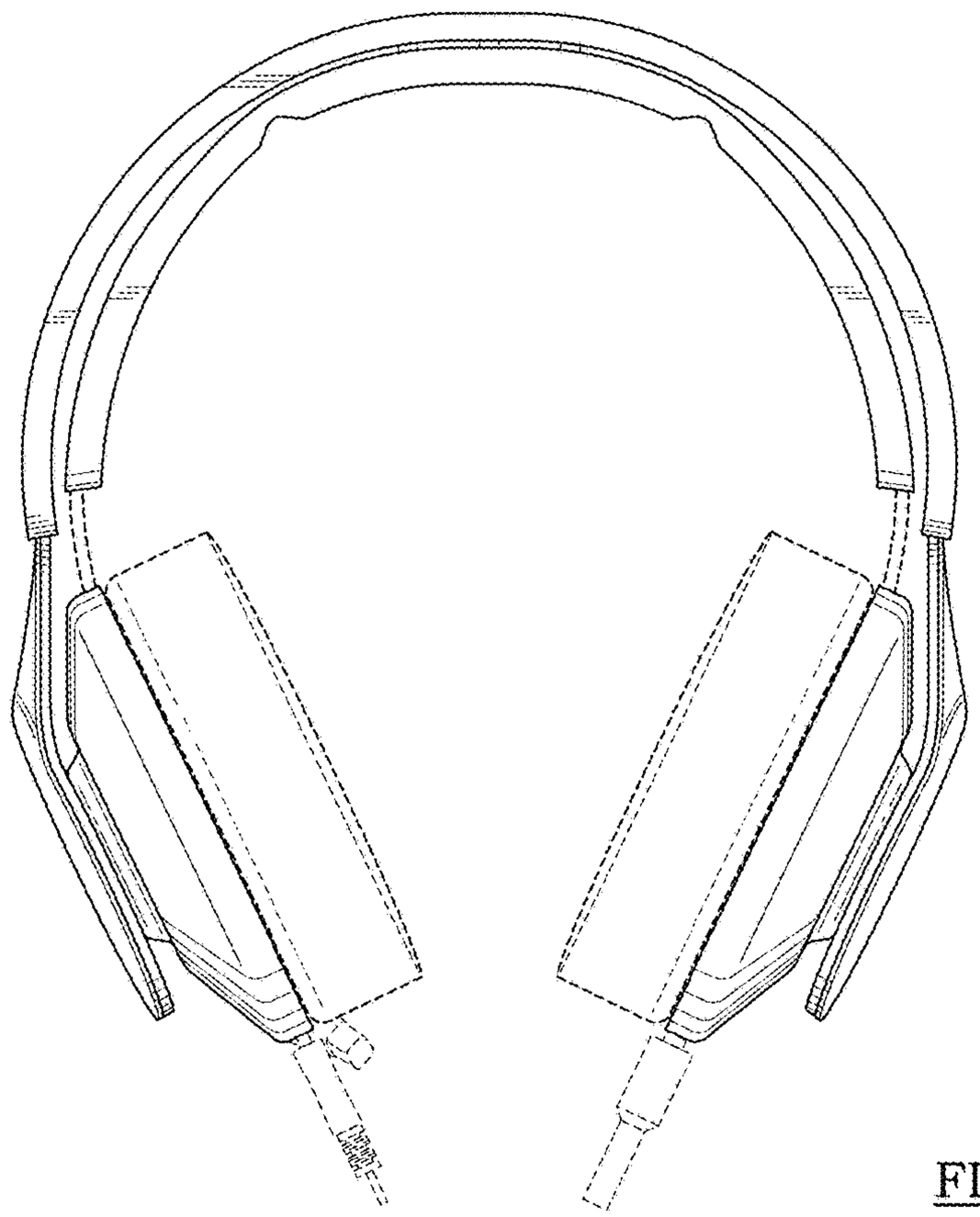


FIG. 3

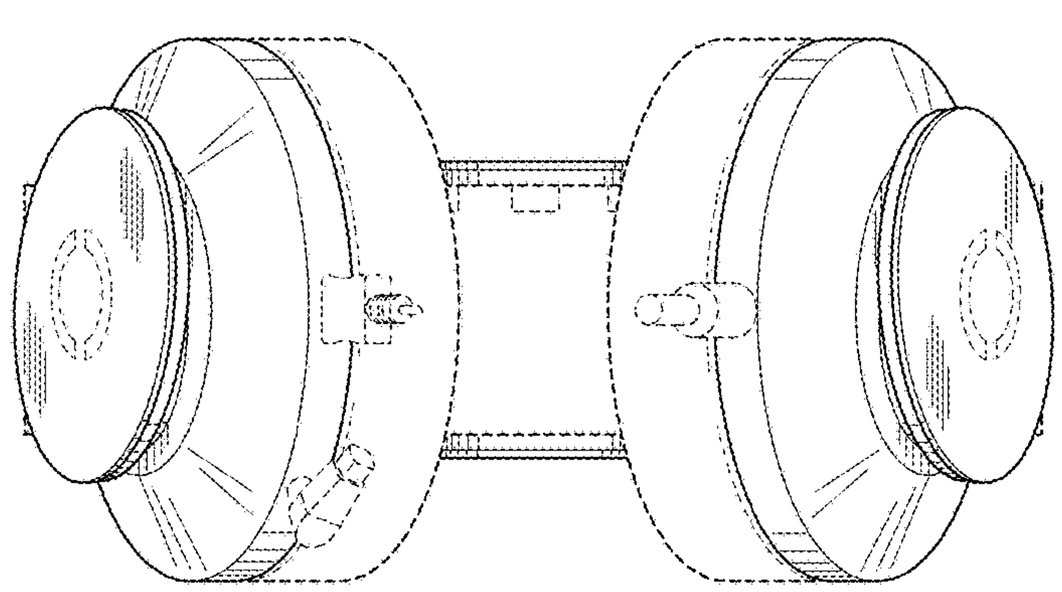


FIG. 4

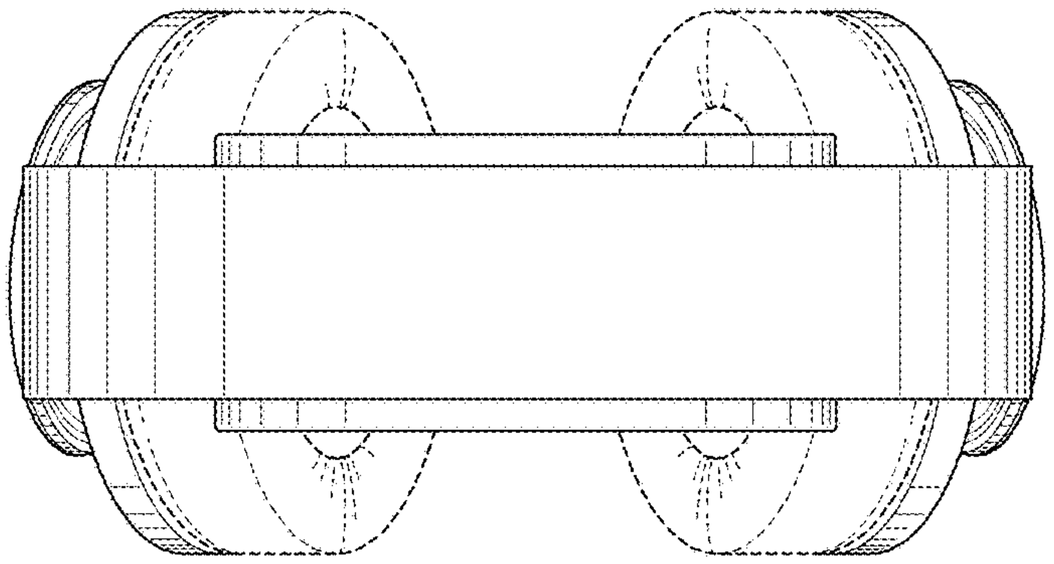


FIG. 5

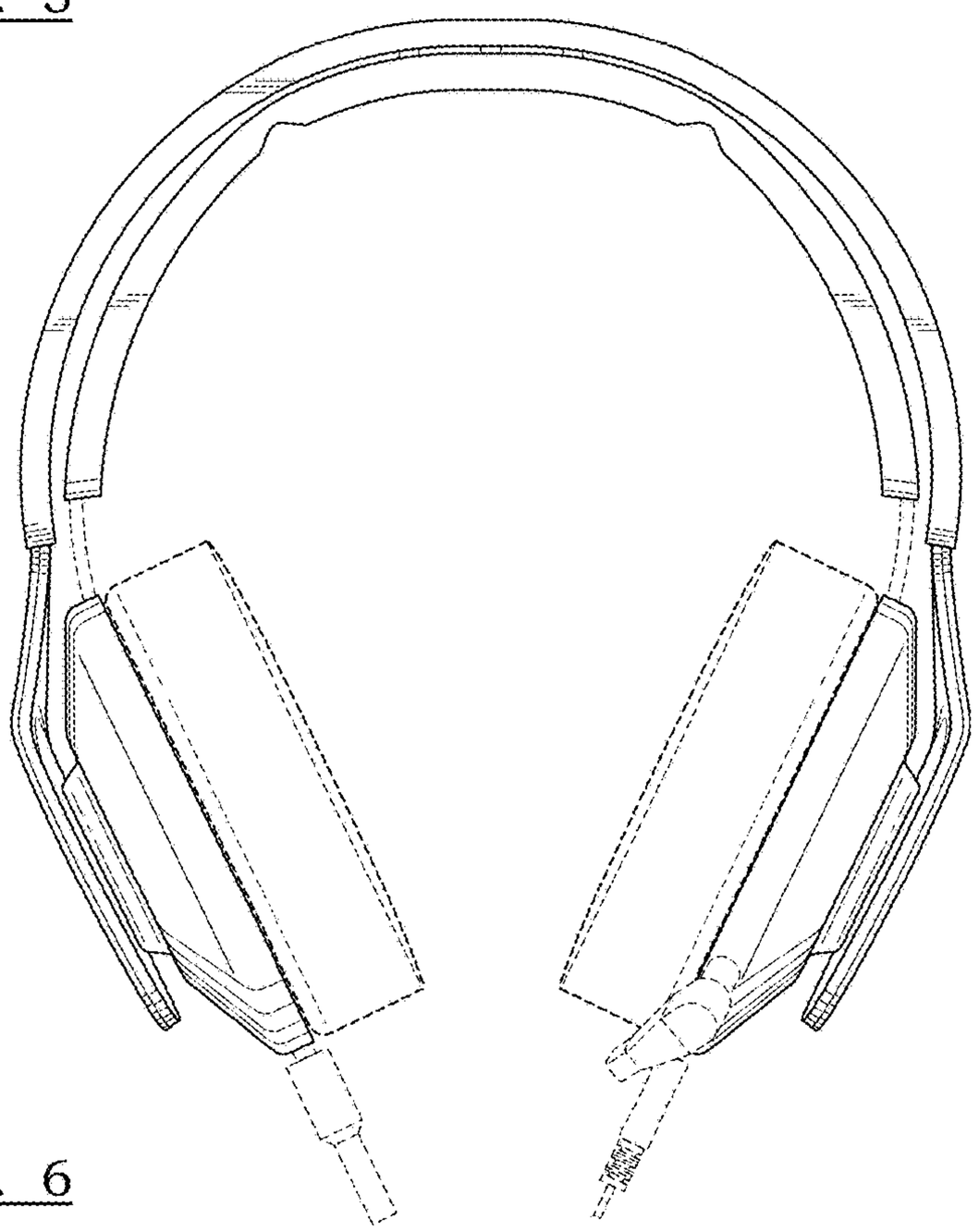


FIG. 6

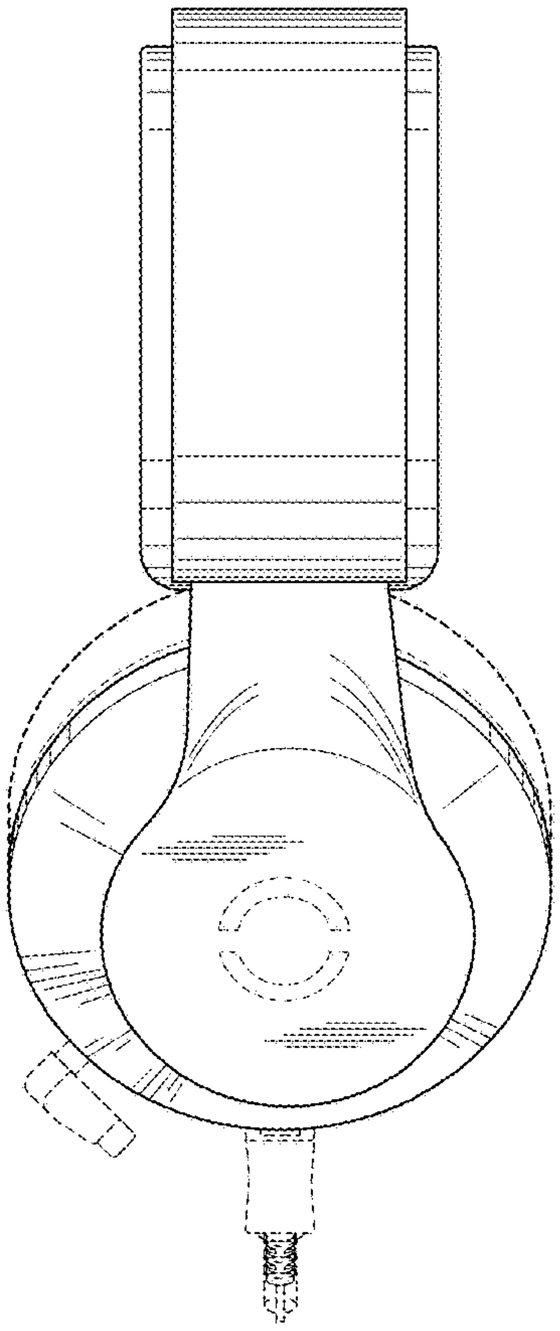


FIG. 7

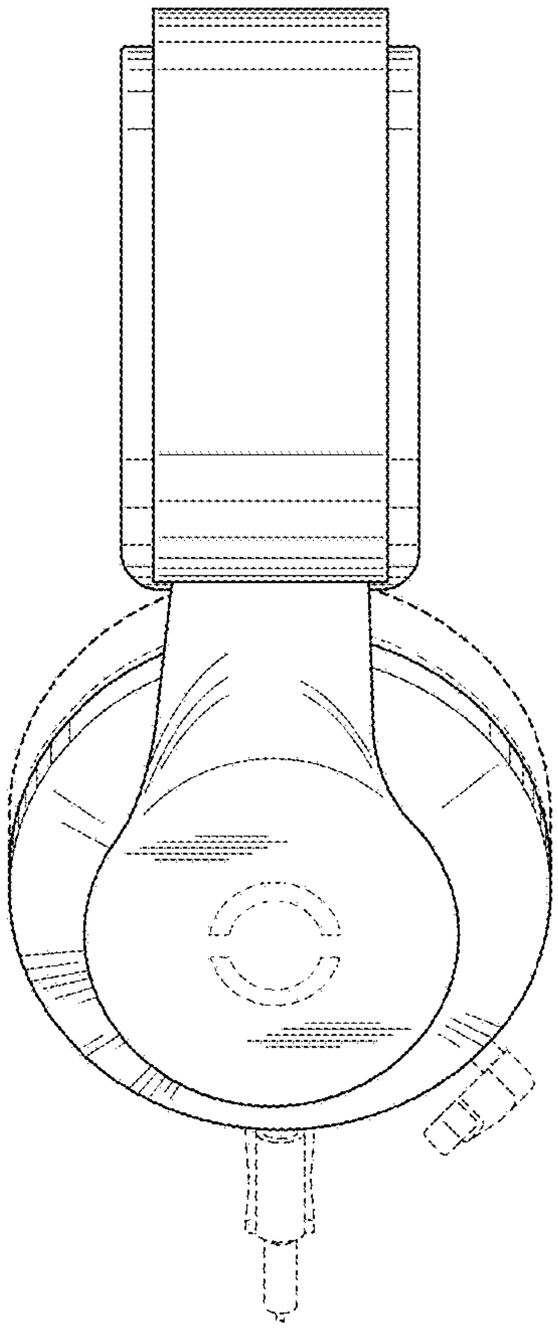


FIG. 8