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(12) **United States Design Patent** (10) **Patent No.:** **US D791,734 S**  
**Ou** (45) **Date of Patent:** **\*\* Jul. 11, 2017**

(54) **EARPHONE**  
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(72) Inventor: **Chanjiao Ou**, Guangdong (CN)  
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(52) **U.S. Cl.**  
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2/209; 181/129, 130, 135; 379/430, 431;  
381/380, 381, 374  
CPC .... H04R 1/1066; H04R 5/033; H04R 5/0335;  
H04R 25/00; H04R 1/10; G09G 5/00  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D255,569 S \* 6/1980 Lung ..... D14/168  
D299,337 S \* 1/1989 Wiegel ..... D14/206  
4,987,592 A \* 1/1991 Flagg ..... H04R 1/08  
379/430  
D317,767 S \* 6/1991 Banks ..... D14/205  
D326,855 S \* 6/1992 Bose ..... D14/205  
5,138,722 A \* 8/1992 Urella ..... A61F 11/14  
2/209  
D333,137 S \* 2/1993 Burke ..... D14/206  
5,185,807 A \* 2/1993 Bergin ..... H04R 1/1066  
181/128  
D345,981 S \* 4/1994 Burke ..... D14/206  
5,793,878 A \* 8/1998 Chang ..... H04R 5/0335  
381/370  
D418,509 S \* 1/2000 Zeitman ..... D14/192  
D430,140 S \* 8/2000 Roman ..... D14/205  
D442,340 S \* 5/2001 Leight ..... D29/112

6,295,366 B1 \* 9/2001 Haller ..... H04R 5/0335  
379/430  
D458,597 S \* 6/2002 Davies ..... D14/206  
D484,485 S \* 12/2003 Matsuoka ..... D14/205  
7,114,823 B2 \* 10/2006 McCullough ..... F21V 33/0056  
362/105  
D542,774 S \* 5/2007 Rausch ..... D14/206  
D552,077 S \* 10/2007 Brunner ..... D14/205  
D576,604 S \* 9/2008 Suzuki ..... D14/205  
D594,441 S \* 6/2009 Lee ..... D14/205  
D598,901 S \* 8/2009 Lee ..... D14/223  
D599,781 S \* 9/2009 Lee ..... D14/205  
D600,675 S \* 9/2009 Lee ..... D14/205  
D613,266 S \* 4/2010 Barry ..... D14/205  
D632,668 S \* 2/2011 Brunner ..... D14/205  
D634,732 S \* 3/2011 Kondo ..... D14/205  
D637,182 S \* 5/2011 Lee ..... D14/223  
D638,397 S \* 5/2011 McManigal ..... D14/205  
D641,003 S \* 7/2011 Alden ..... D14/205  
D641,008 S \* 7/2011 Lee ..... D14/223

(Continued)

Primary Examiner — Paula Greene

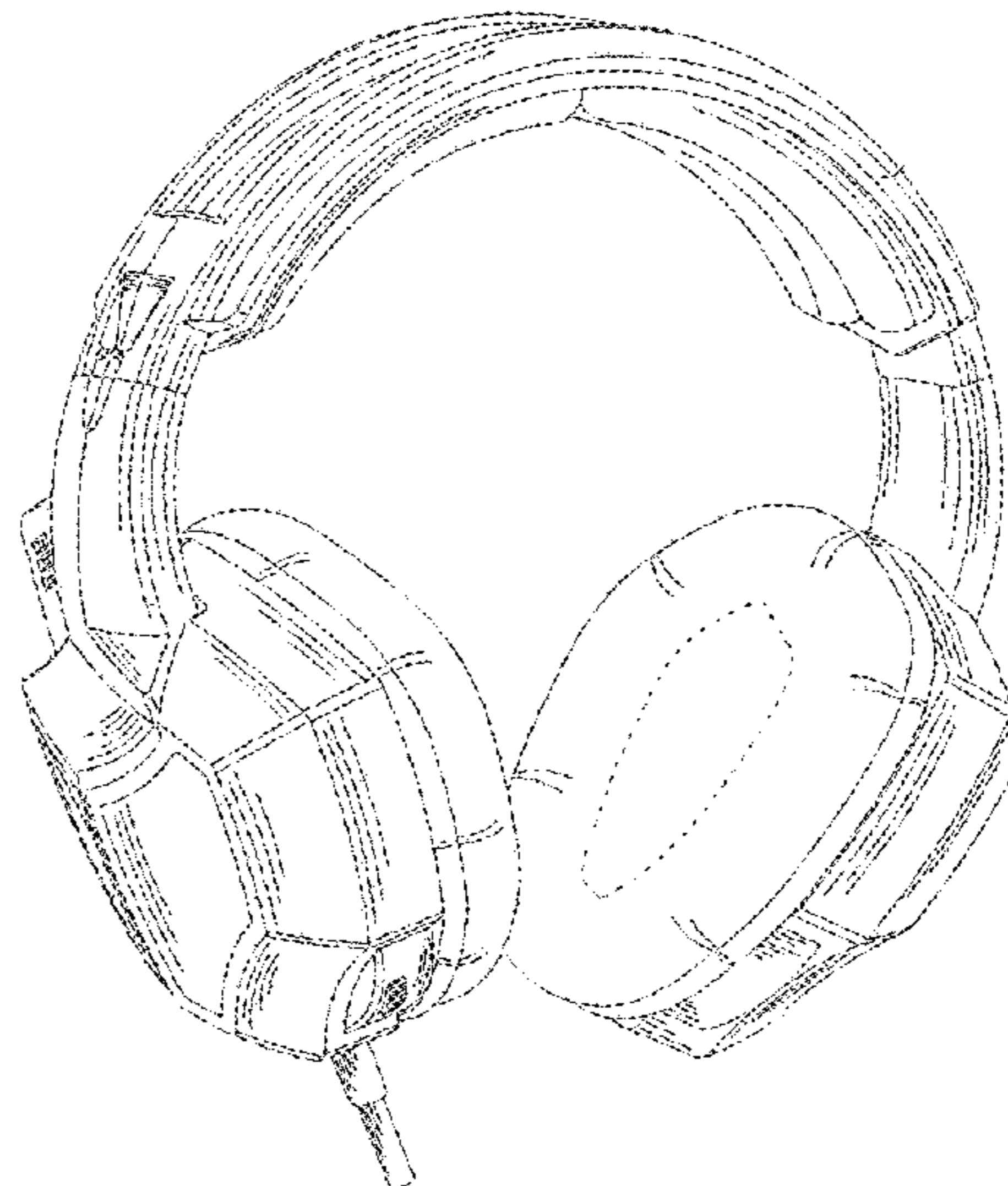
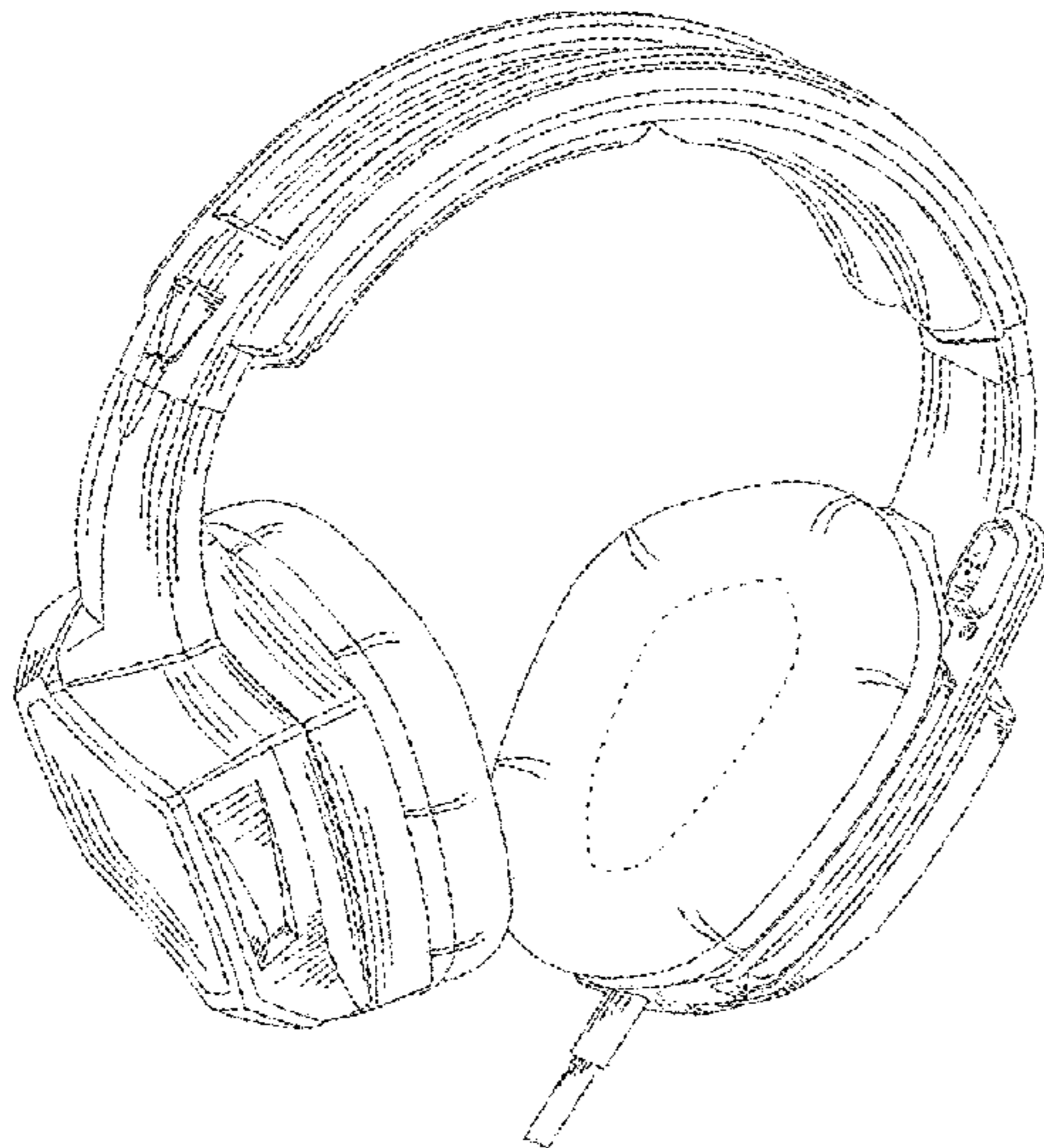
(57) **CLAIM**

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 first perspective view thereof;  
FIG. 8 is a second perspective view thereof; and,  
FIG. 9 is a third perspective view thereof.  
The broken lines depict environment that forms no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D641,725	S *	7/2011	Chong	.....	D14/205
D642,163	S *	7/2011	Lee	.....	D14/223
D643,417	S *	8/2011	Lee	.....	D14/223
D643,418	S *	8/2011	Lee	.....	D14/223
D643,833	S *	8/2011	Lee	.....	D14/223
D649,528	S *	11/2011	Park	.....	D14/205
D651,586	S *	1/2012	Lee	.....	D14/205
D652,406	S *	1/2012	Lee	.....	D14/205
D656,480	S *	3/2012	McManigal	.....	D14/205
8,139,807	B2 *	3/2012	Reiss	.....	H04R 1/1058 381/371
D659,672	S *	5/2012	Lee	.....	D14/205
D672,744	S *	12/2012	Scarpa	.....	D14/205
D672,745	S *	12/2012	Abed	.....	D14/205
D684,949	S *	6/2013	Lee	.....	D14/205
D687,409	S *	8/2013	Lee	.....	D14/205
D689,464	S *	9/2013	Bonahoom	.....	D14/206
D691,111	S *	10/2013	Lee	.....	D14/206
8,559,665	B2 *	10/2013	Schmidt	.....	H04R 1/1066 381/370
D693,327	S *	11/2013	Chiu	.....	D14/206
D697,896	S *	1/2014	Lee	.....	D14/205
D699,216	S *	2/2014	Bonahoom	.....	D14/205
8,643,568	B2 *	2/2014	West	.....	G02B 27/0176 345/7
D716,762	S *	11/2014	Greve	.....	D14/206
D733,677	S *	7/2015	Ling	.....	D14/206
D734,736	S *	7/2015	Jin	.....	D14/206
D745,860	S *	12/2015	Logan	.....	D14/206
D746,793	S *	1/2016	Logan	.....	D14/206
2001/0017925	A1 *	8/2001	Ceravolo	.....	H04M 1/05 381/370
2011/0194721	A1 *	8/2011	Schmidt	.....	H04R 1/1066 381/370

\* cited by examiner



FIG. 1





FIG. 2

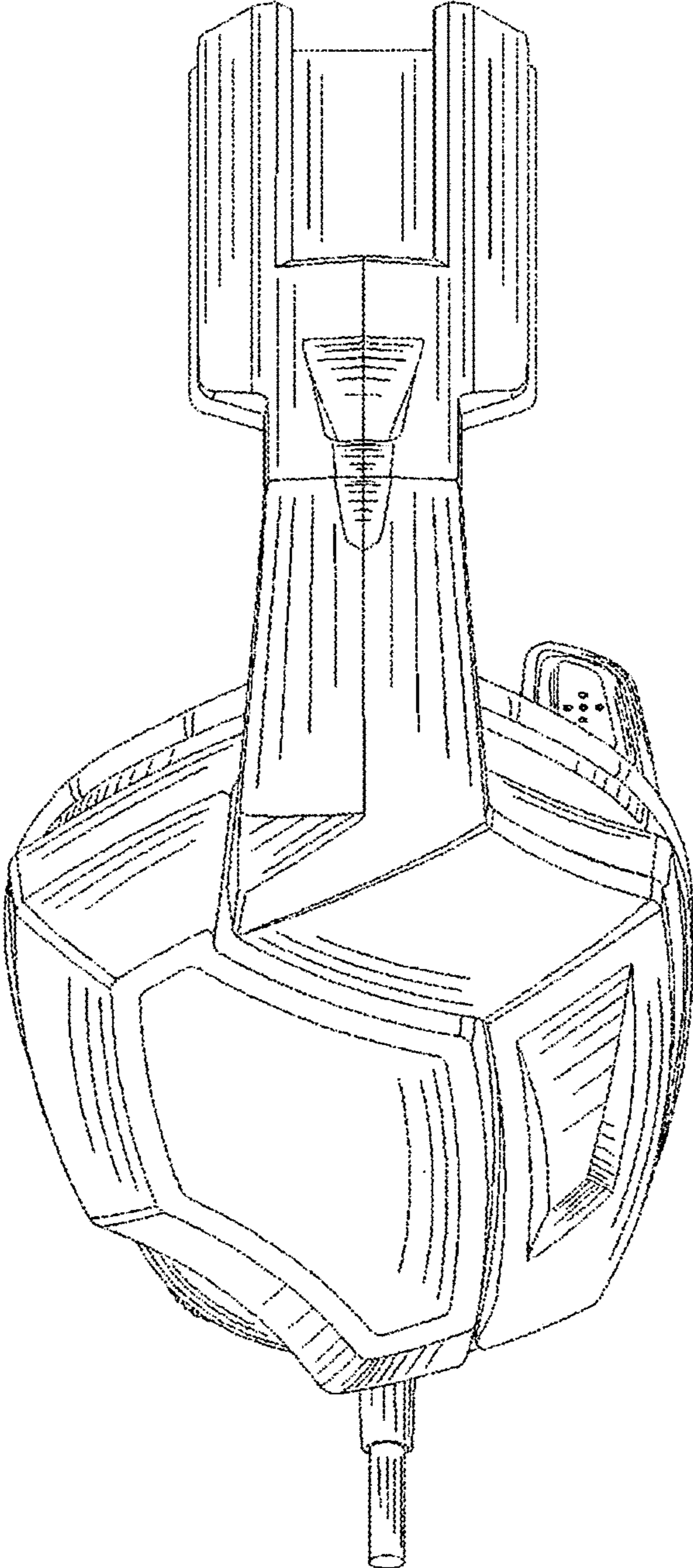


FIG. 3

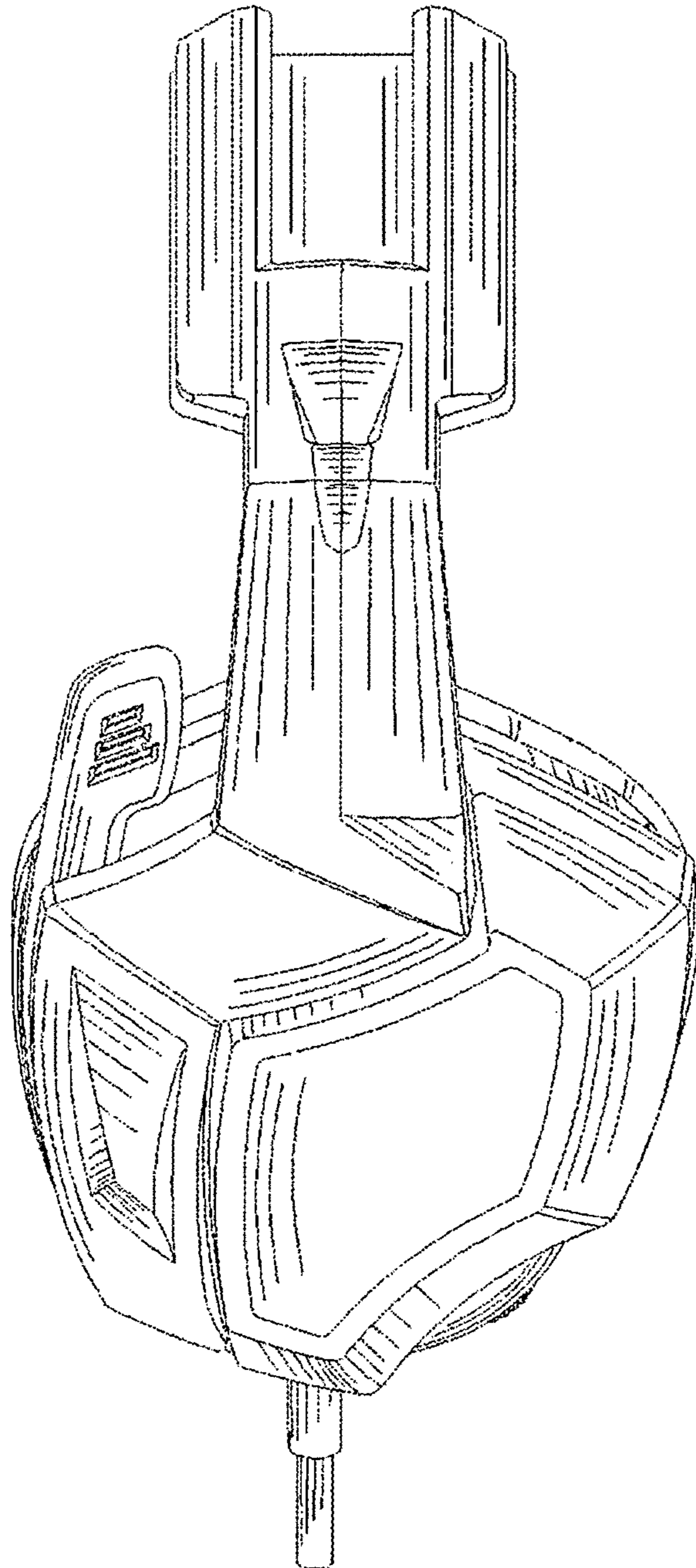


FIG. 4



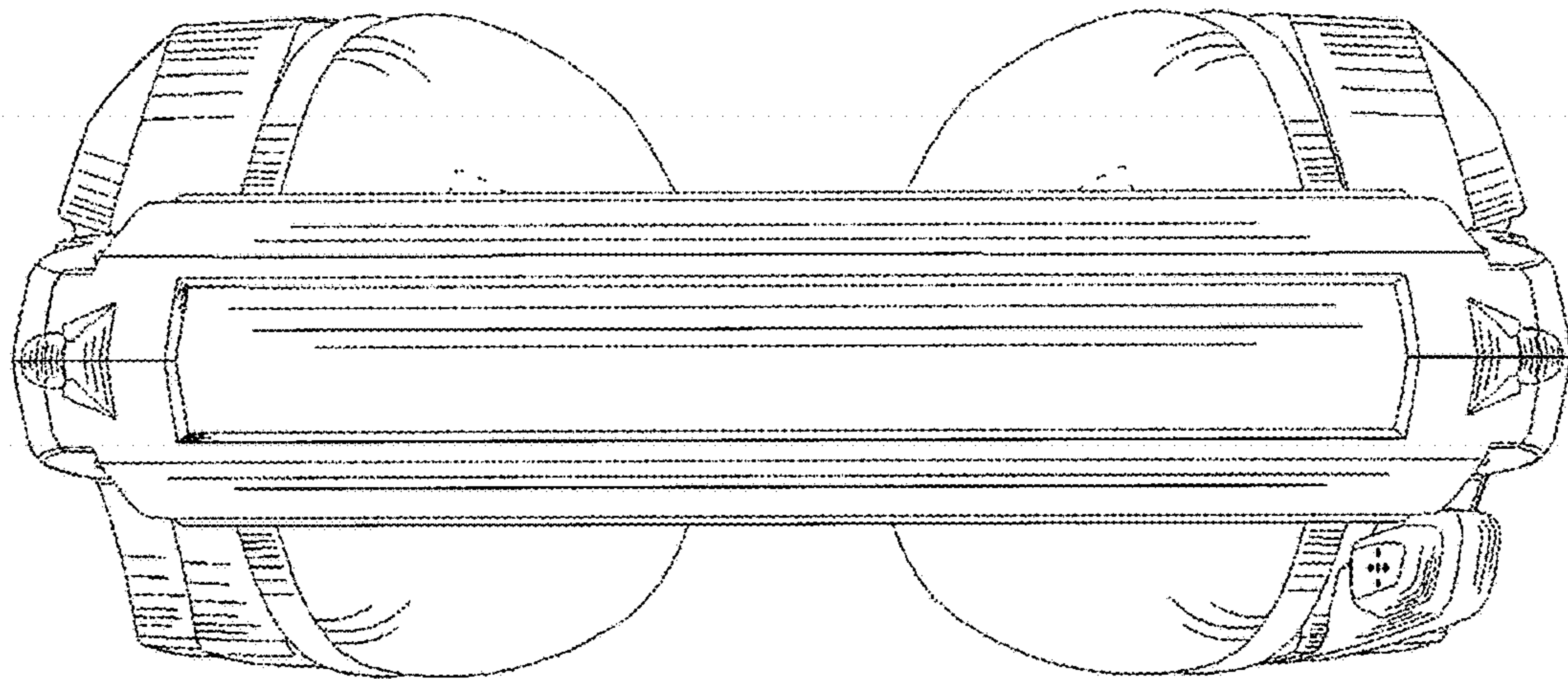


FIG. 5

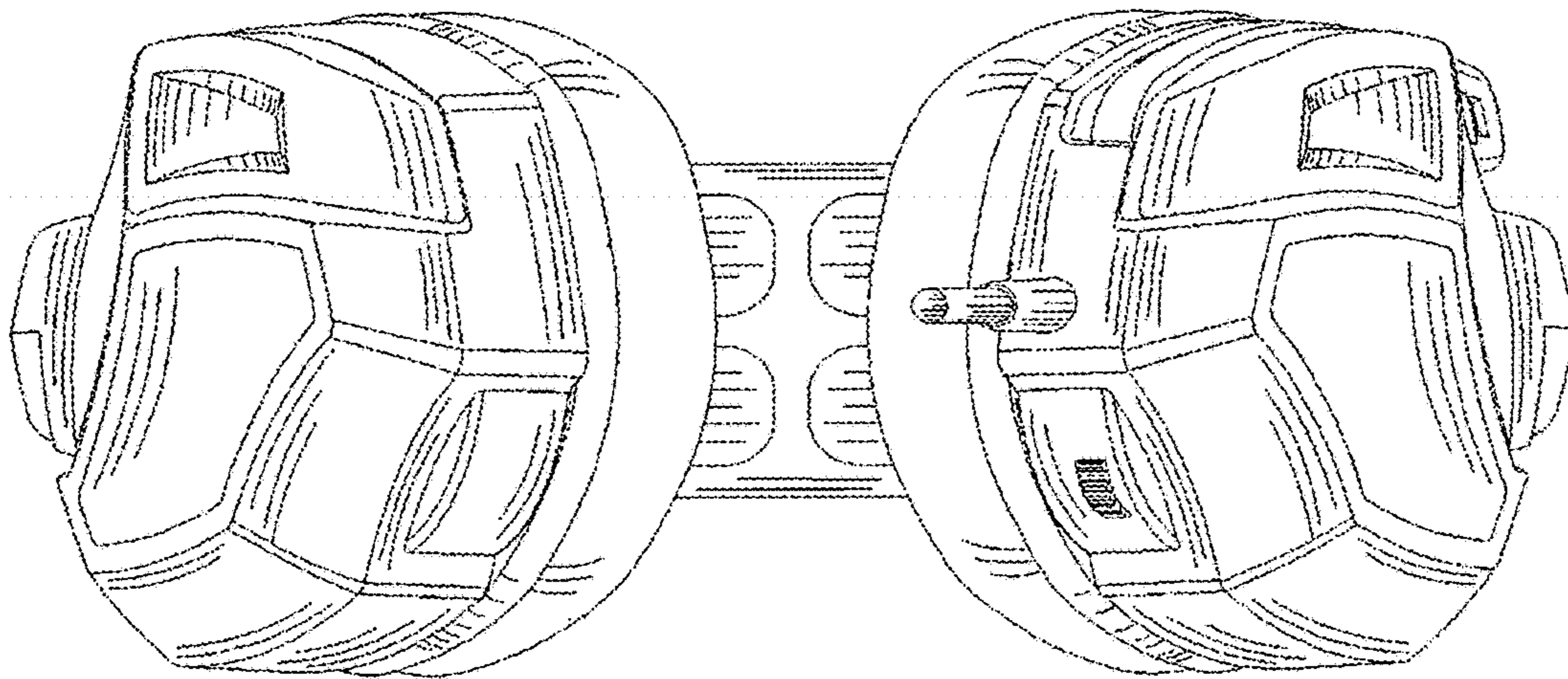


FIG. 6



FIG. 7



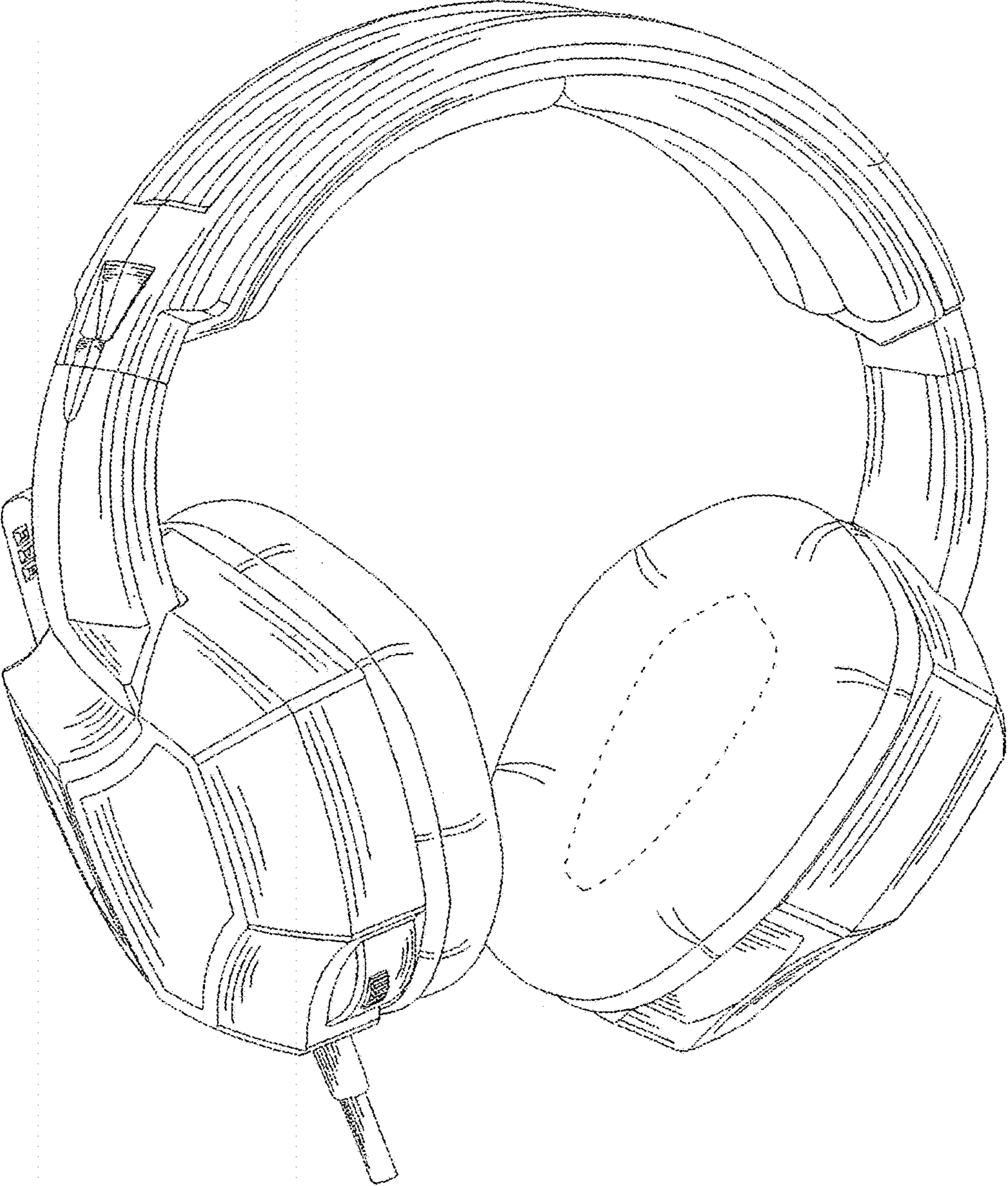


FIG. 8

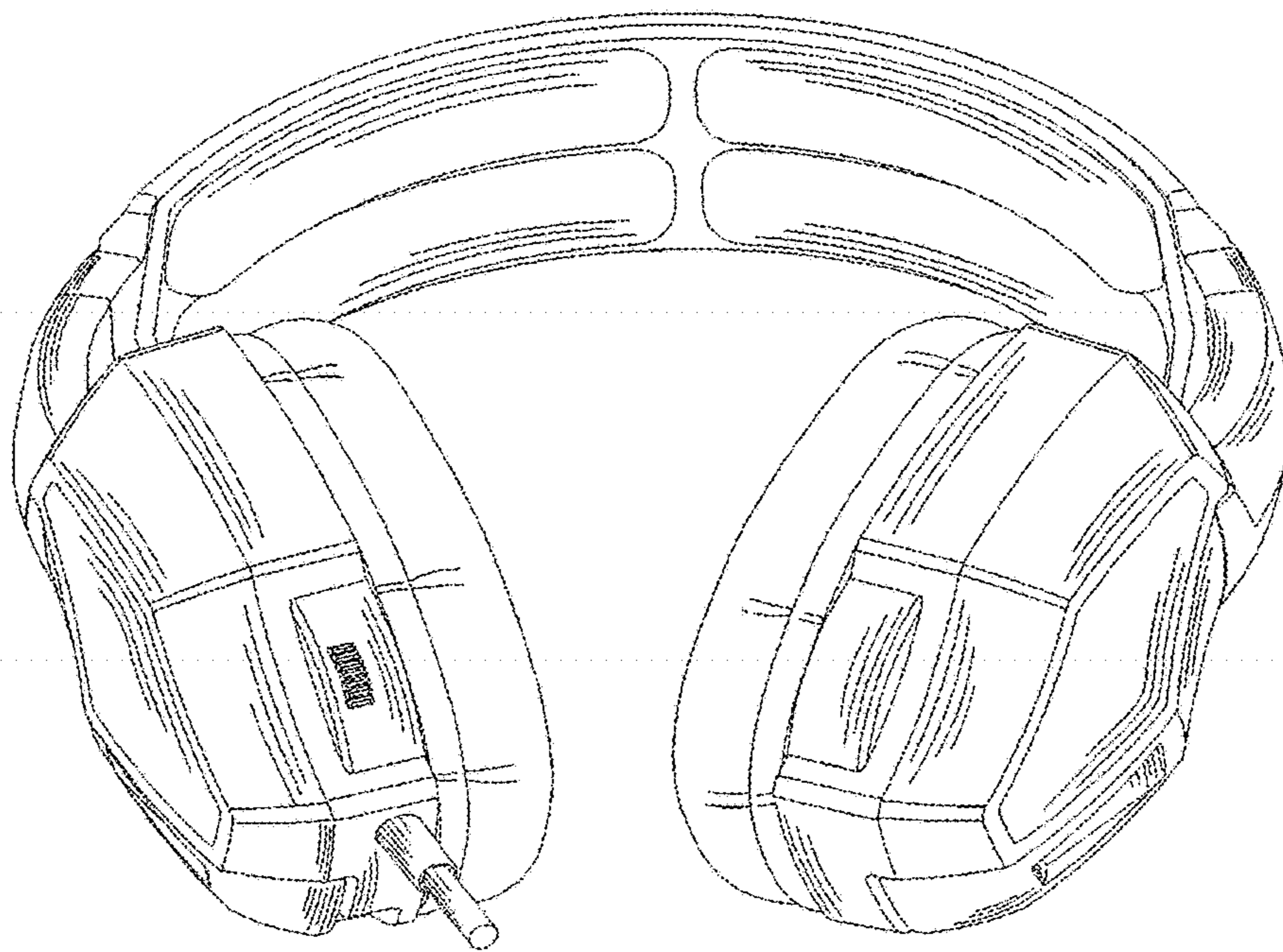


FIG. 9