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

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(54) **BRAIN SENSING HEADBAND**

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(\*\*) Term: **14 Years**

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(51) **LOC (10) Cl.** ..... **02-03**

(52) **U.S. Cl.**  
USPC ..... **D2/875**

(58) **Field of Classification Search**  
USPC ..... D2/600, 602, 605, 609, 865, 871, 872, D2/873, 874, 875, 876, 877, 879, 880, 881, D2/882, 883, 884, 891, 892; D29/112; 2/10, 15, 98, 144, 145, 146, 155, 156, 2/157, 171, 171.4, 171.5, 171.8, 172, 2/181, 184, 202, 204, 206, 207, 209, 2/209.12, 195.1, 200.1, DIG. 11  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

486,725 A \* 11/1892 Mellor ..... 181/129  
836,087 A \* 11/1906 Callahan ..... 2/209  
2,640,198 A \* 6/1953 Mullen ..... 2/174  
D187,527 S \* 3/1960 Greene ..... D2/624  
D254,876 S \* 5/1980 Reitenga et al. .... D29/112

4,243,851 A \* 1/1981 Forney ..... 381/378  
D292,331 S \* 10/1987 Bryant ..... D29/112  
D337,587 S \* 7/1993 Nakayama ..... D14/205  
D351,387 S \* 10/1994 Roberts ..... D24/175  
D385,387 S \* 10/1997 Berke ..... D2/865  
D385,415 S \* 10/1997 Turbide ..... D3/207  
D393,935 S \* 5/1998 Hines ..... D2/891  
5,829,062 A \* 11/1998 Magidson ..... 2/209  
D403,492 S \* 1/1999 Tseng ..... D2/893  
5,867,834 A \* 2/1999 Simpson ..... 2/174  
5,987,647 A \* 11/1999 Ouellette ..... 2/171

(Continued)

FOREIGN PATENT DOCUMENTS

KR 300708776.0000 \* 9/2013

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(57) **CLAIM**

The ornamental design for a brain sensing headband, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of the brain sensing headband, as it could appear when worn.

FIG. 2 is a front perspective view of the brain sensing headband.

FIG. 3 is a rear perspective view of the brain sensing headband.

FIG. 4 is a right side elevation view of the brain sensing headband.

FIG. 5 is a front elevation view of the brain sensing headband.

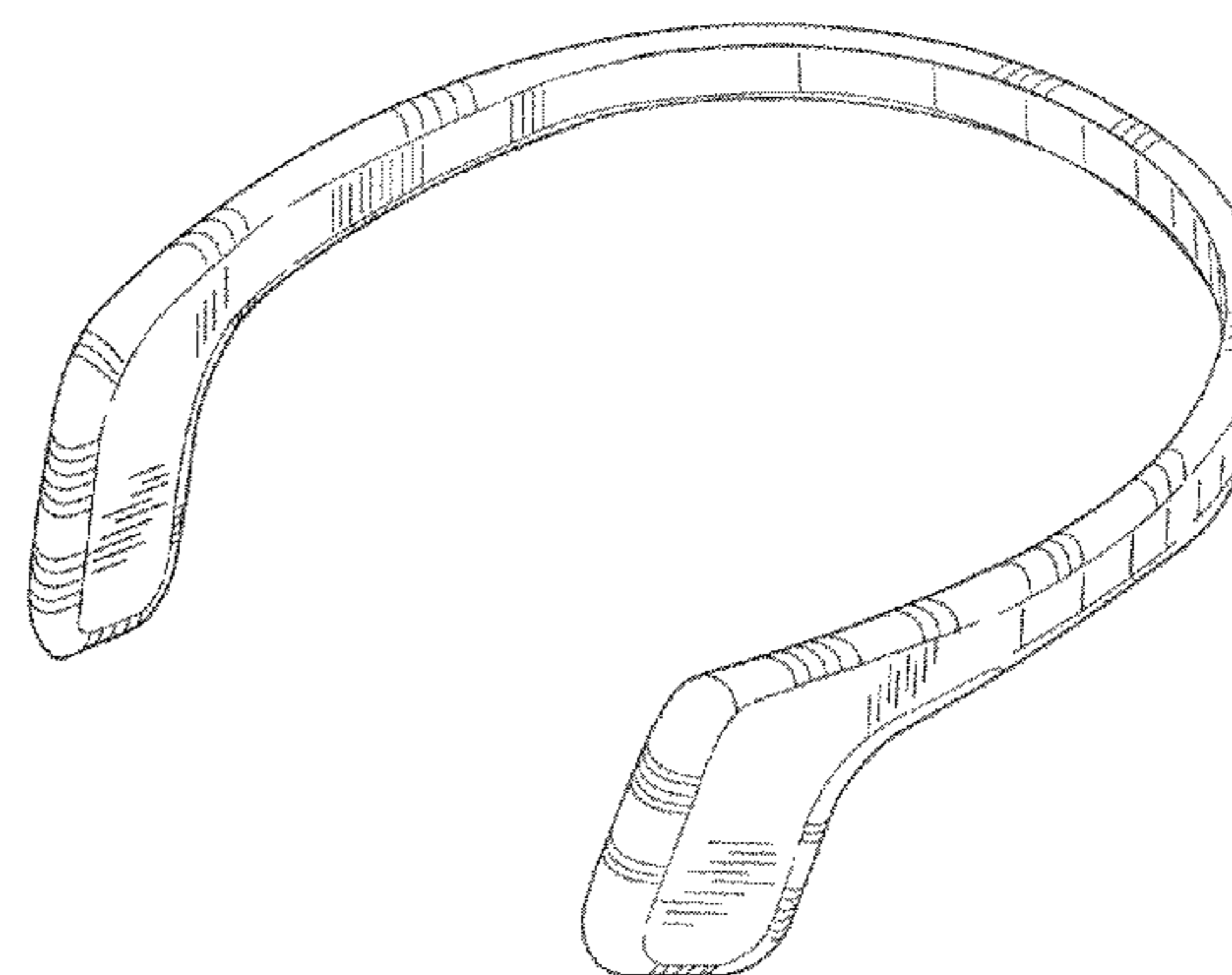
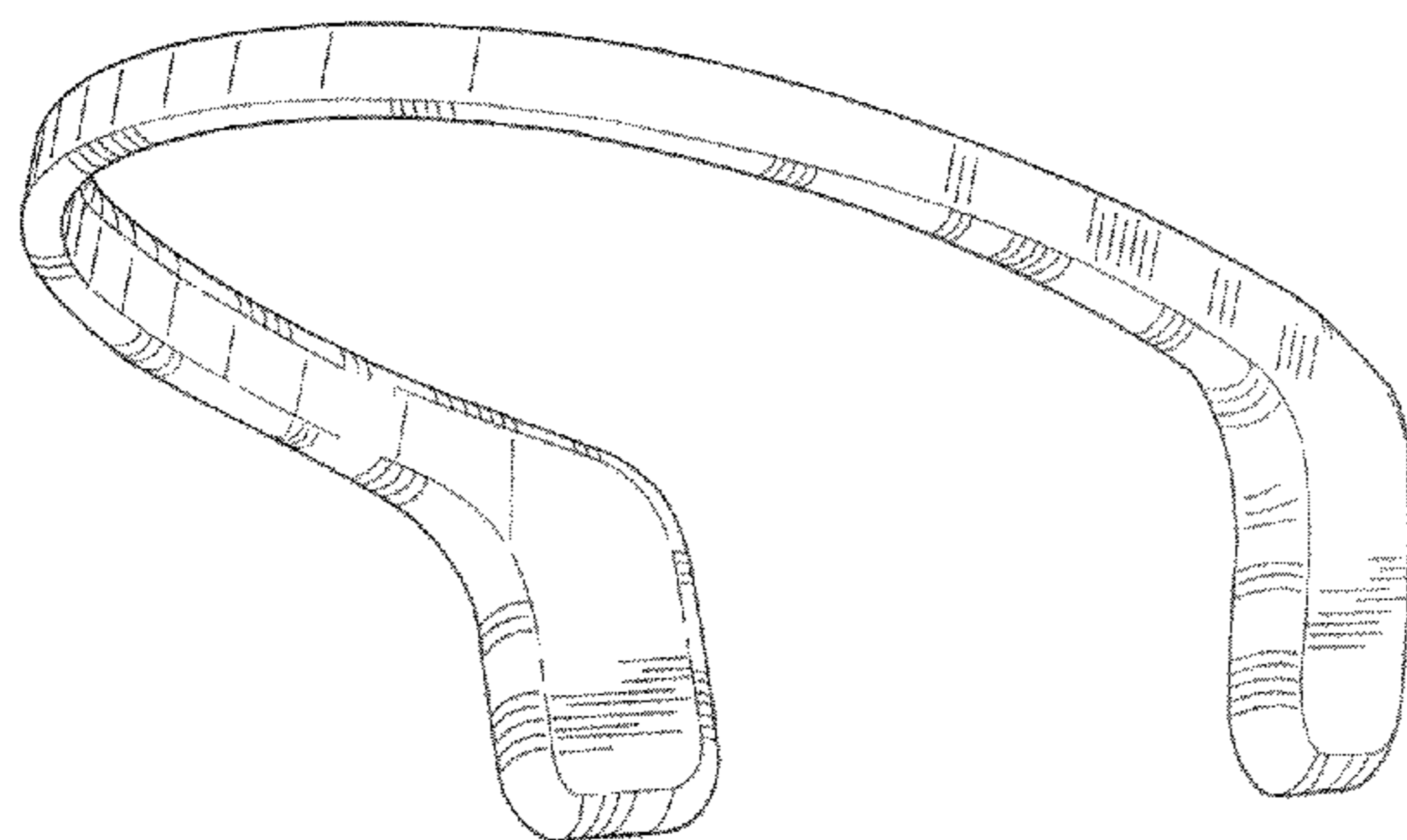
FIG. 6 is a left side elevation view of the brain sensing headband.

FIG. 7 is a rear elevation view of the brain sensing headband.

FIG. 8 is a top plan view of the brain sensing headband; and, FIG. 9 is a bottom plan view of the brain sensing headband.

The partial human figure shown in stippled lines in FIG. 1 is environmental subject matter that forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



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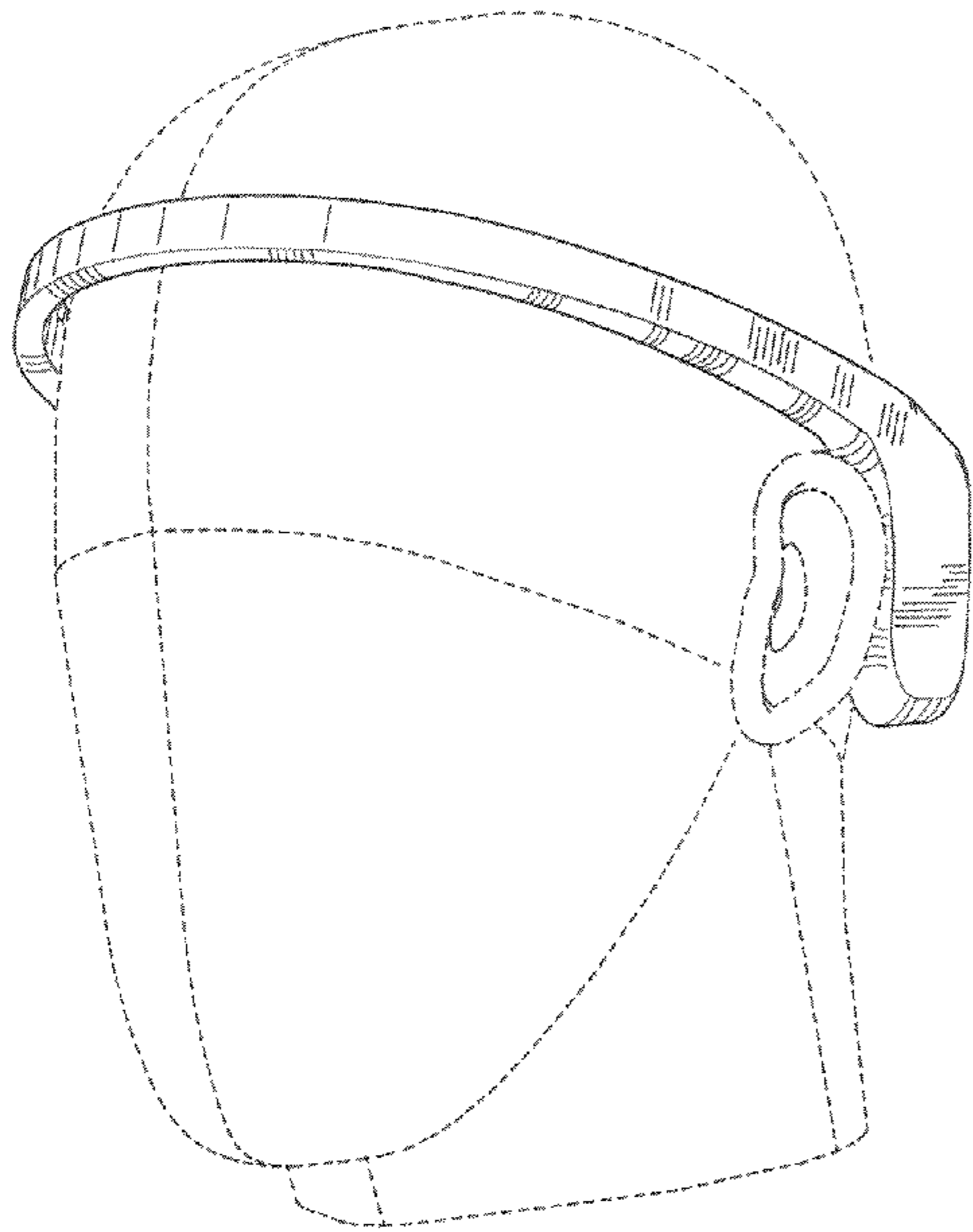
**References Cited**

U.S. PATENT DOCUMENTS

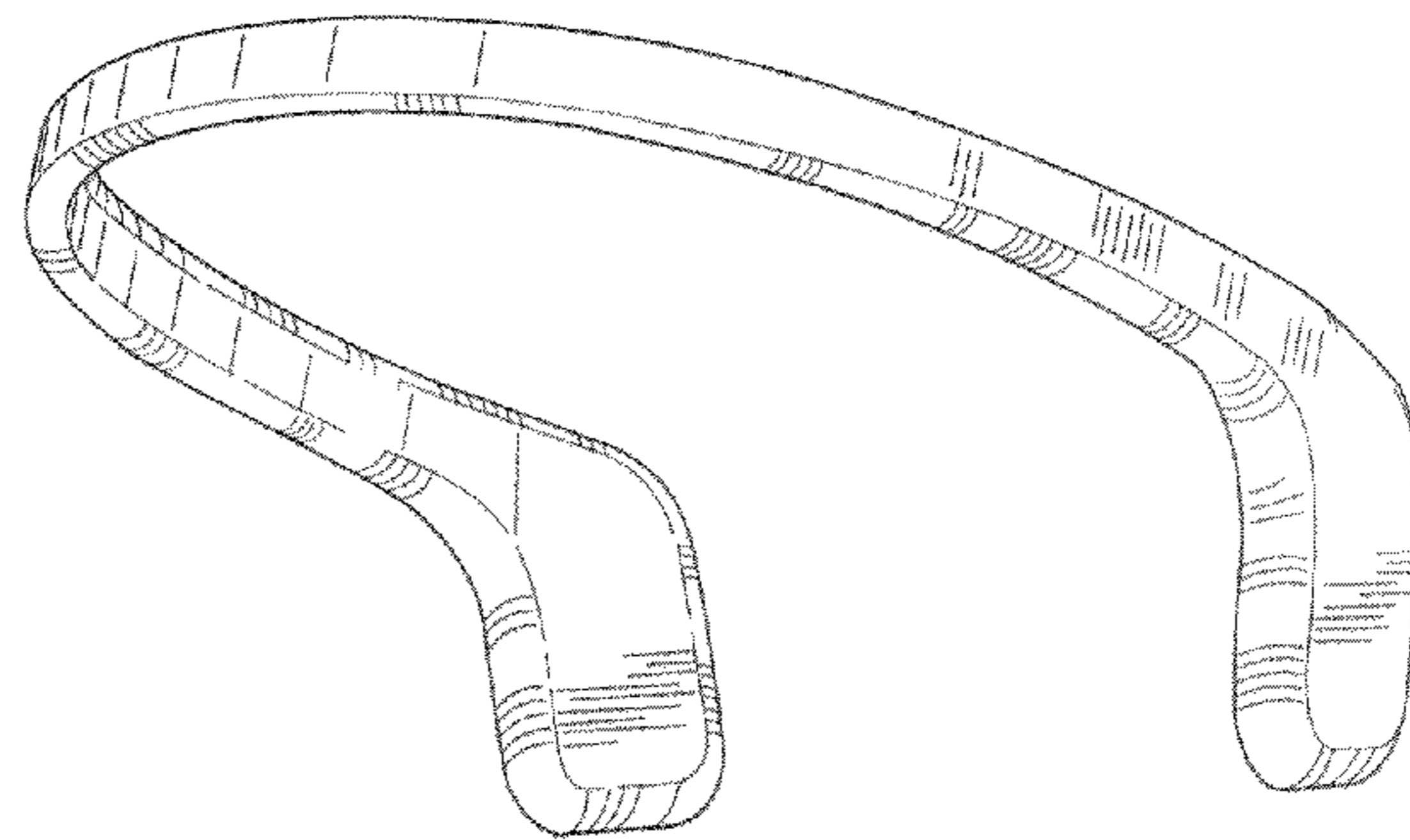
6,006,361 A \* 12/1999 Falco et al. .... 2/209  
 6,021,526 A \* 2/2000 Falco et al. .... 2/209  
 6,105,714 A \* 8/2000 Lindgren ..... 181/135  
 6,122,774 A \* 9/2000 Park ..... 2/181  
 D457,515 S \* 5/2002 Masamitsu et al. .... D14/223  
 6,499,146 B2 \* 12/2002 Bavetta et al. .... 2/209  
 D504,755 S \* 5/2005 Milliman, Sr. .... D2/869  
 7,076,077 B2 \* 7/2006 Atsumi et al. .... 381/380  
 7,093,303 B2 \* 8/2006 Thorson ..... 2/13  
 D539,425 S \* 3/2007 Harrison ..... D24/143  
 D563,384 S \* 3/2008 Hemer ..... D14/206

7,444,687 B2 \* 11/2008 Sato et al. .... 2/209  
 D595,483 S \* 7/2009 Behling et al. .... D2/882  
 D603,371 S \* 11/2009 Boateng et al. .... D14/205  
 D603,584 S \* 11/2009 Porter ..... D2/865  
 D643,578 S \* 8/2011 Jefferson et al. .... D29/112  
 7,987,517 B2 \* 8/2011 Gait ..... 2/9  
 D649,906 S \* 12/2011 Panopoulos ..... D11/215  
 D668,427 S \* 10/2012 Shenker ..... D2/501  
 D669,881 S \* 10/2012 Clements et al. .... D14/205  
 8,360,077 B2 \* 1/2013 Defenbaugh et al. .... 132/273  
 D696,227 S \* 12/2013 Chee ..... D14/205  
 2004/0003450 A1 \* 1/2004 Wang ..... 2/181  
 2009/0126064 A1 \* 5/2009 Reaux ..... 2/15

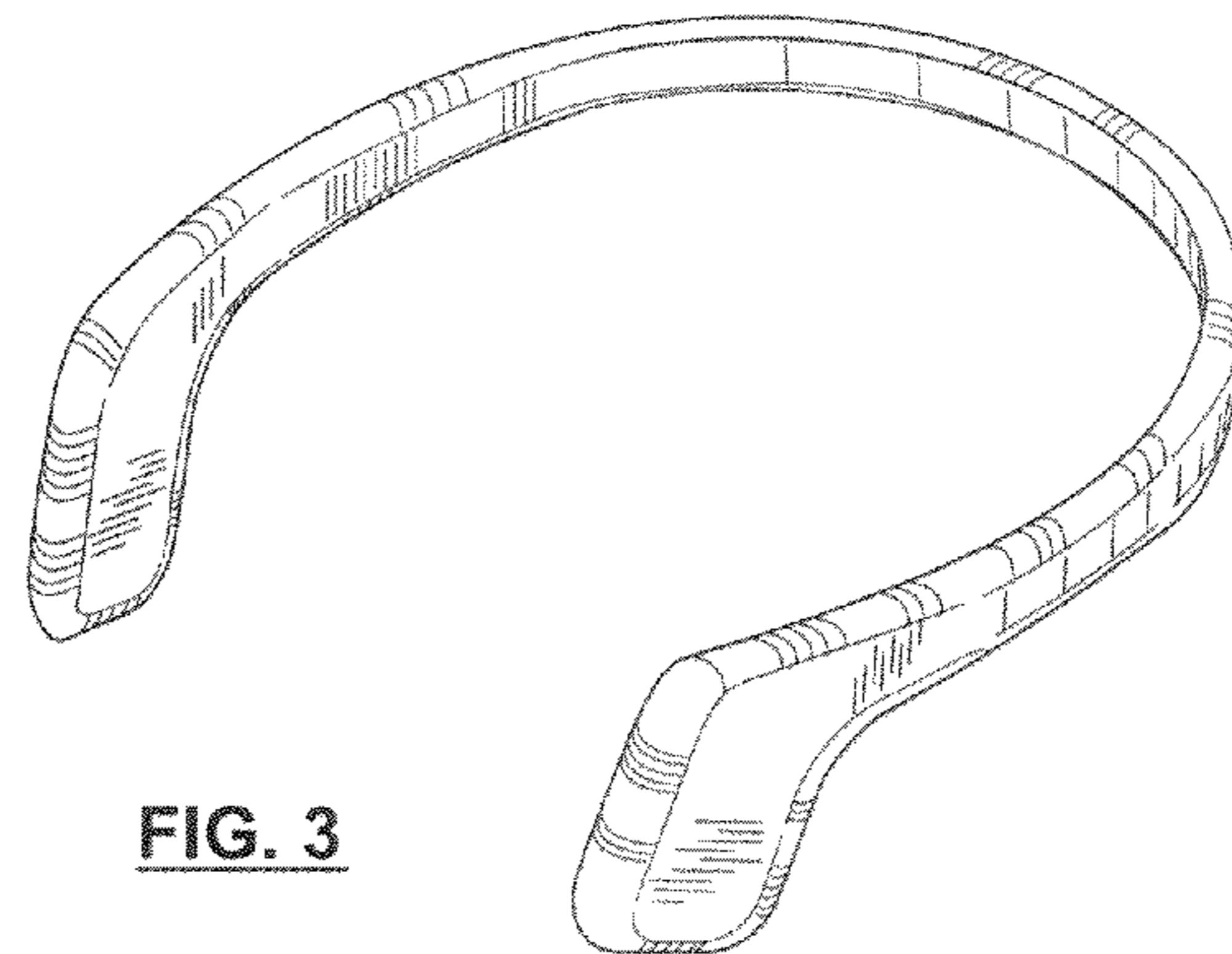
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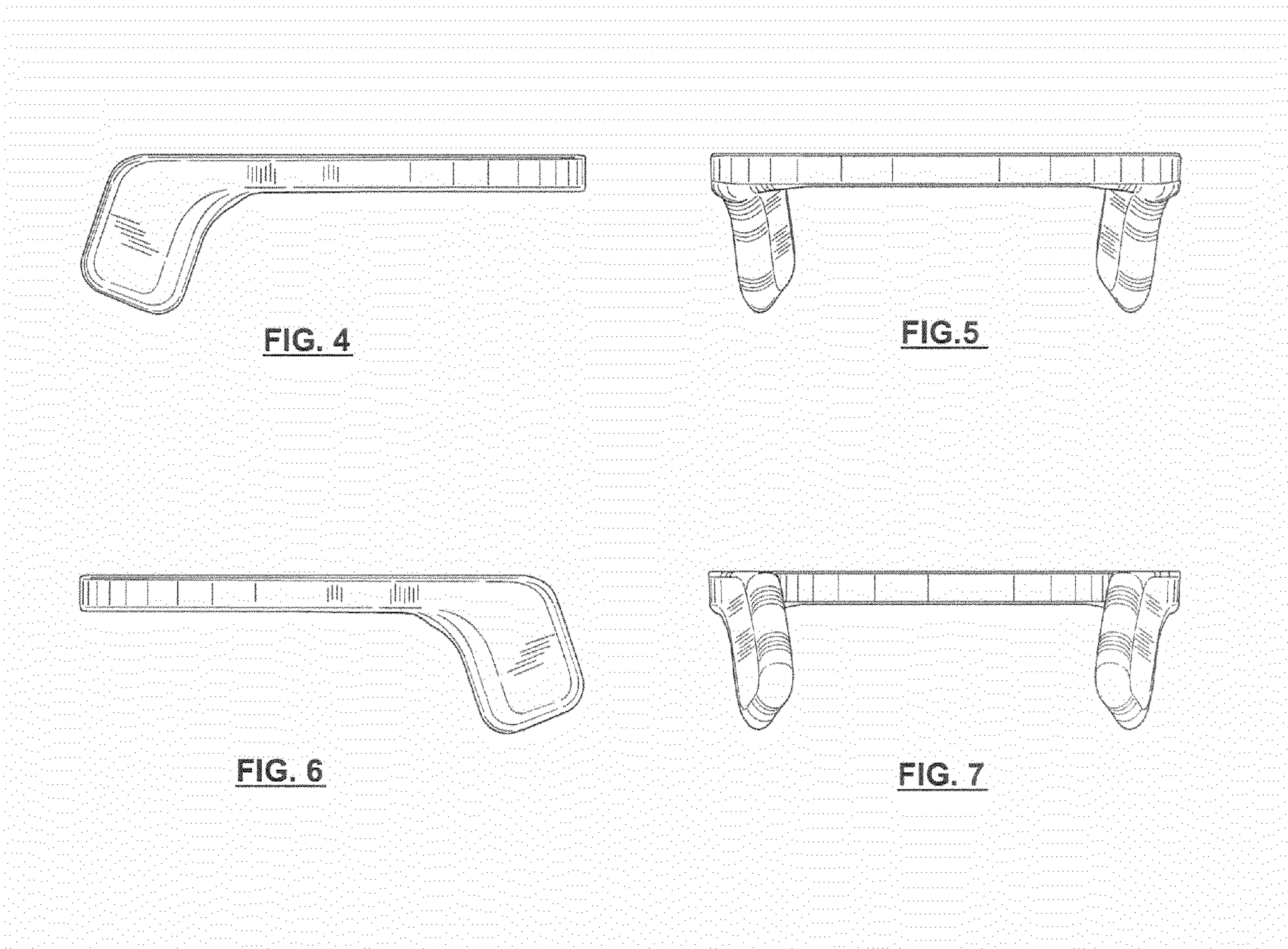
**FIG. 1**



**FIG. 2**



**FIG. 3**

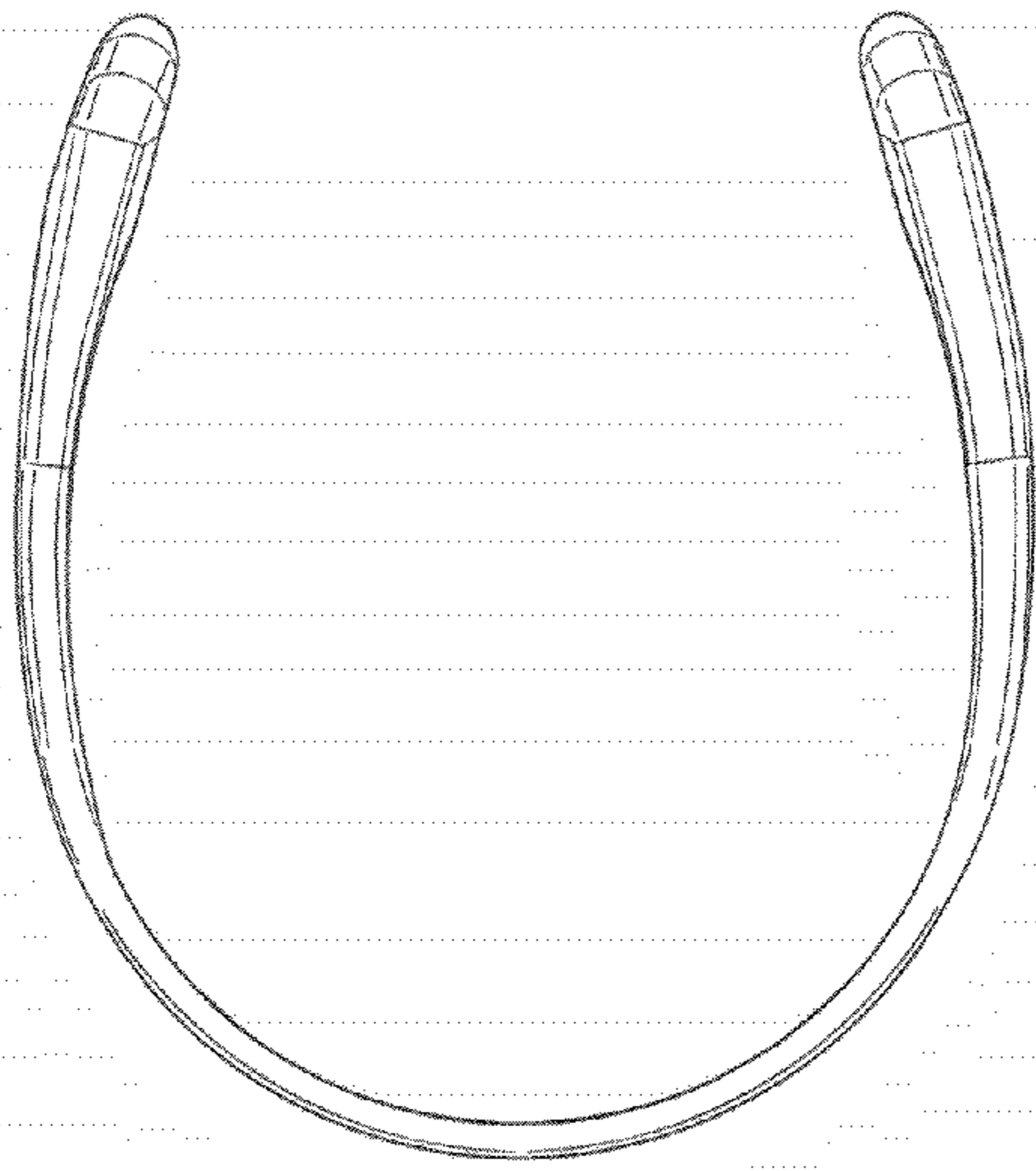


**FIG. 4**

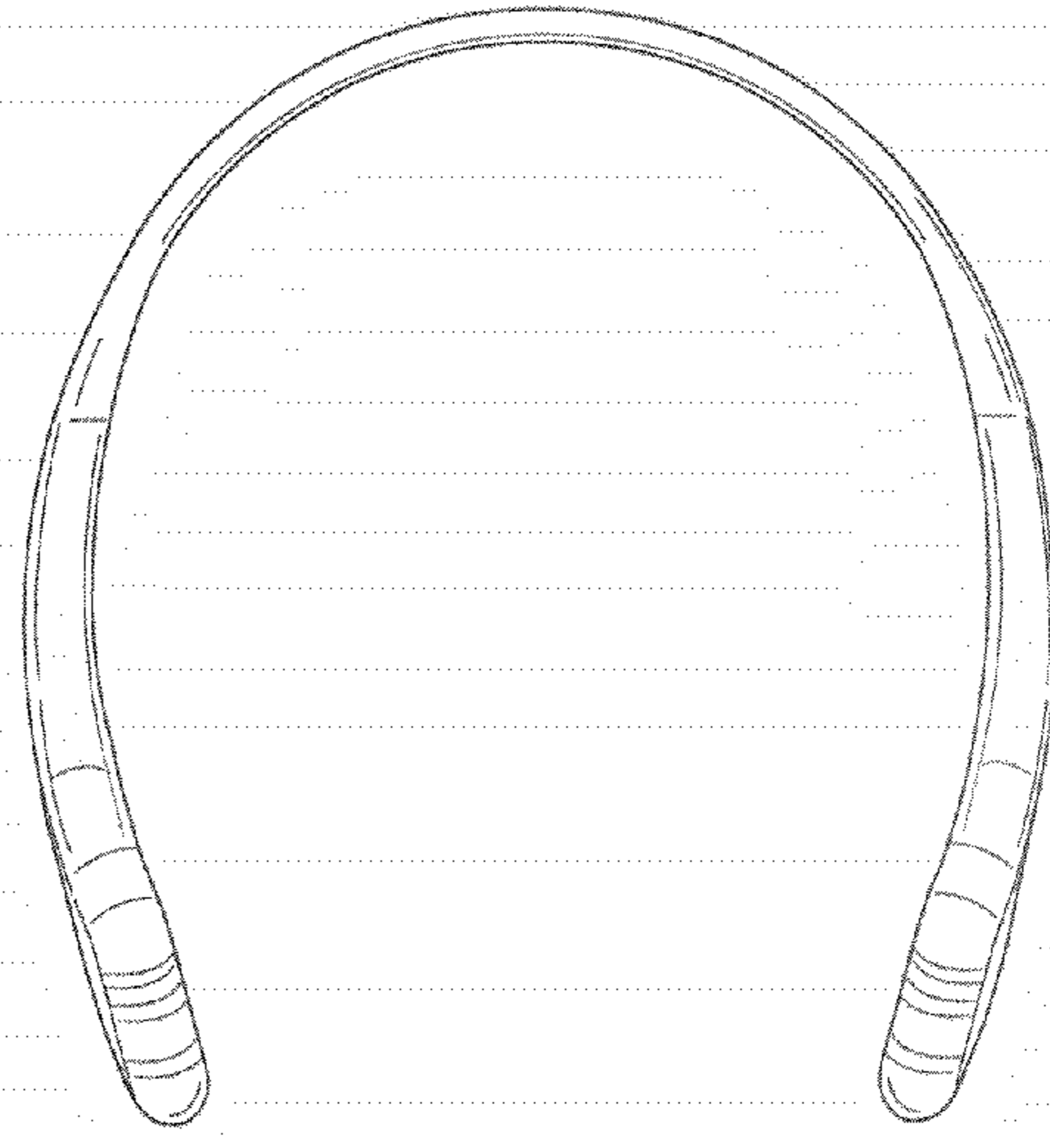
**FIG. 5**

**FIG. 6**

**FIG. 7**



**FIG. 8**



**FIG. 9**