



US00D815059S

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

(10) **Patent No.:** **US D815,059 S**  
(45) **Date of Patent:** **\*\* Apr. 10, 2018**

- (54) **AUDIO DEVICE**
- (71) Applicant: **Bose Corporation**, Framingham, MA (US)
- (72) Inventors: **Carl Johan Liden**, New York, NY (US); **Brett Tobias Tom**, San Francisco, CA (US); **German Aguirre Raeder**, Tucson, AZ (US); **Hannah Hyunjung Lee**, New Haven, CT (US)
- (73) Assignee: **Bose Corporation**, Framingham, MA (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/573,070**
- (22) Filed: **Aug. 2, 2016**
- (51) **LOC (11) Cl.** ..... **14-01**
- (52) **U.S. Cl.**  
USPC ..... **D14/205**
- (58) **Field of Classification Search**  
USPC ..... D14/205, 188, 192; D29/112; 2/209, 2/410, 174; D6/604; 5/639, 640, 636, 5/655, 643, 632; 379/430, 431; 381/380, 381/381, 374, 74; D21/803; 455/90.3, 455/575.1, 569.1; D28/41; 132/273, 132/274, 275  
CPC ..... H04R 1/1066; H04R 1/1016; H04R 1/10; H04R 25/00; H04R 1/02; H04R 1/1091; H04R 5/033; H04R 5/0335; H04R 1/105; A45D 8/00; A45D 8/04; A45D 8/36; G06F 3/16  
See application file for complete search history.

- 2,032,898 A 3/1936 Wilson
- D124,296 S 12/1940 Thompson
- 2,461,434 A 2/1949 Moyers
- 2,561,931 A 7/1951 Kleiser
- 2,795,802 A 6/1957 Myers
- 2,891,116 A \* 6/1959 Nichols ..... H04R 25/602  
381/323
- 2,954,442 A \* 9/1960 Mickenberg ..... H04R 5/0335  
2/209
- D189,450 S 12/1960 Cousino
- D193,343 S 8/1962 MacFarlane
- 3,211,160 A \* 10/1965 Miller ..... A45D 8/00  
132/275
- 3,384,719 A \* 5/1968 Lanzara ..... H04R 5/023  
381/151
- 3,512,605 A \* 5/1970 McCorkle ..... B60N 2/4876  
181/141
- D230,804 S 3/1974 Lijewski  
(Continued)

- (56) **References Cited**  
U.S. PATENT DOCUMENTS  
261,511 A 7/1882 Brown  
1,343,357 A 6/1920 Eggers  
1,584,329 A 5/1926 Skaruda

**OTHER PUBLICATIONS**

“Sony video teases new wearable wireless audio device”, Mar. 5, 2016 <http://mashable.com/2016/03/05/sony-wearable/#WRiWDytsd8qf>.

(Continued)

*Primary Examiner* — Paula Allen Greene

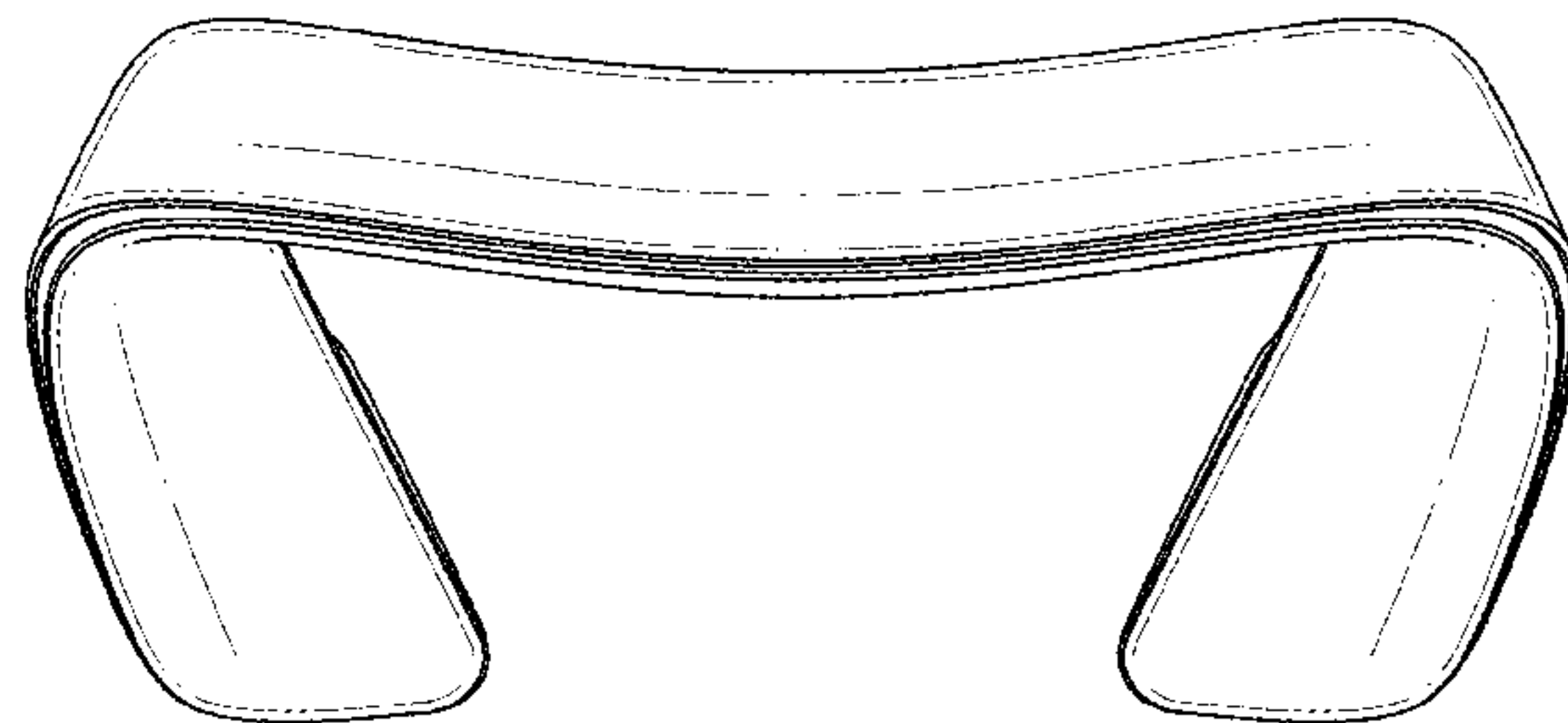
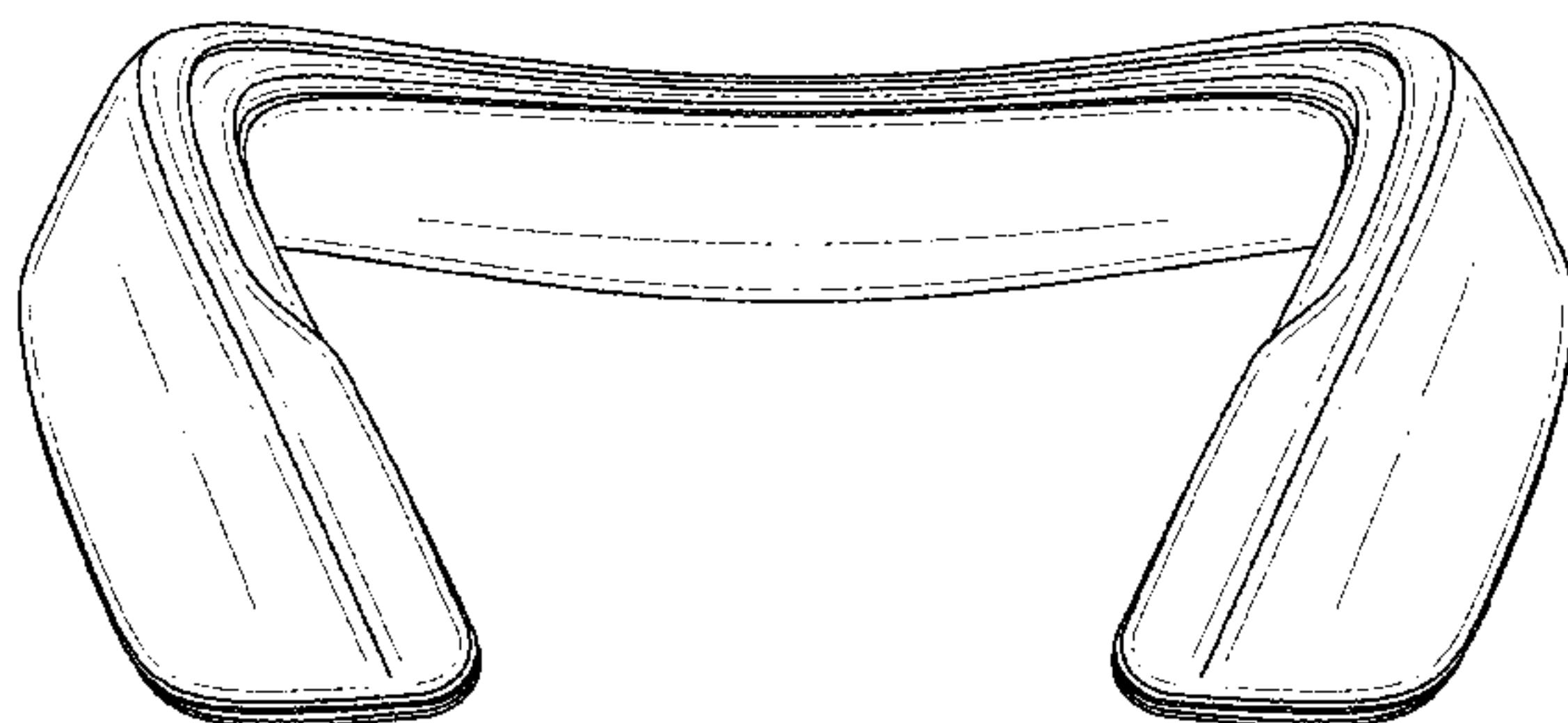
(57) **CLAIM**

The ornamental design for audio device, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an audio device as seen from the front, top and left side;  
FIG. 2 is a front view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a back view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

3,863,028 A \* 1/1975 Fixler ..... H04R 1/1075  
381/19

D235,350 S 6/1975 Hanson

D237,558 S 11/1975 Calame

3,939,310 A \* 2/1976 Hodges ..... H04M 1/05  
381/370

4,070,553 A \* 1/1978 Hass ..... H04M 1/05  
381/151

4,110,583 A \* 8/1978 Lepper ..... H04M 1/05  
381/370

4,173,715 A \* 11/1979 Gosman ..... H04R 1/1058  
181/129

D261,511 S \* 10/1981 Hass ..... D14/192

D268,675 S \* 4/1983 Hass ..... D14/192

4,485,276 A 11/1984 Sato

4,539,700 A 9/1985 Sato

4,649,570 A 3/1987 Terbrack et al.

4,821,318 A \* 4/1989 Wu ..... H04M 1/05  
379/430

5,212,734 A 5/1993 Tsao

5,233,704 A \* 8/1993 Booher ..... A41D 23/00  
140/104

5,261,134 A 11/1993 Matthews

5,313,678 A \* 5/1994 Redewill ..... A47C 21/003  
297/393

D371,558 S 7/1996 Yoshizawa

D381,414 S 7/1997 Westerdal

5,749,373 A \* 5/1998 Dix ..... A61F 11/12  
128/864

D395,653 S 6/1998 Read et al.

5,829,062 A \* 11/1998 Magidson ..... A61F 11/12  
128/867

5,857,218 A \* 1/1999 Kuhlman ..... A45D 44/10  
2/12

5,979,466 A \* 11/1999 Chung ..... A45D 8/36  
132/273

5,987,647 A \* 11/1999 Ouellette ..... A41D 23/00  
132/273

6,010,216 A 1/2000 Jesiek

D434,406 S 11/2000 Towle

6,151,734 A 11/2000 Lawrie

6,195,806 B1 3/2001 Campbell

6,233,767 B1 5/2001 Horowitz

6,297,185 B1 10/2001 Thompson et al.

D450,517 S \* 11/2001 Darling ..... D6/596

D457,515 S \* 5/2002 Masamitsu ..... D14/192

D458,244 S \* 6/2002 Masuda ..... D14/192

D458,245 S \* 6/2002 Masuda ..... D14/192

D461,931 S \* 8/2002 Kelly ..... D28/41

D466,100 S 11/2002 Obata et al.

D471,176 S 3/2003 Suzuki

6,603,863 B1 \* 8/2003 Nagayoshi ..... H04R 1/1066  
381/370

6,741,719 B1 5/2004 Orten

6,799,018 B1 9/2004 Lam

D502,463 S 3/2005 Bhakta

D512,981 S \* 12/2005 Jacobson ..... D14/205

D525,235 S 7/2006 Koizumi

D533,539 S \* 12/2006 Mah ..... D14/205

7,212,645 B2 5/2007 Le Gette et al.

D550,202 S \* 9/2007 Meier ..... D14/206

D557,685 S \* 12/2007 Lee ..... D14/205

D559,831 S 1/2008 Lee

D560,206 S 1/2008 Hermansen

D575,268 S \* 8/2008 Christopher ..... D14/205

7,424,125 B2 9/2008 Amae et al.

D587,679 S 3/2009 Komiyama

D590,810 S 4/2009 Komiyama

D593,067 S \* 5/2009 Millora ..... D14/205

D593,538 S \* 6/2009 Chon ..... D14/205

D594,442 S \* 6/2009 Chon ..... D14/205

D604,269 S \* 11/2009 Choe ..... D14/205

D617,308 S \* 6/2010 Nousiainen ..... D14/205

D633,471 S \* 3/2011 Sugiyama ..... D14/205

D636,152 S \* 4/2011 Wilson Watkins ..... D2/861

7,920,902 B2 4/2011 Carroll

D653,234 S \* 1/2012 Lee ..... D14/205

8,144,913 B1 \* 3/2012 Myles, Jr. .... H04R 5/023  
381/333

D663,714 S 7/2012 Kang et al.

D664,115 S \* 7/2012 Allard ..... D14/205

D669,881 S \* 10/2012 Clements ..... D14/205

D678,858 S 3/2013 Feng et al.

8,433,082 B2 \* 4/2013 Abolfathi ..... H04R 1/46  
381/151

D703,634 S \* 4/2014 Han ..... H04R 1/1016  
D14/205

D706,745 S 6/2014 Nakagawa

D707,199 S \* 6/2014 Cepress ..... H04R 1/10  
D14/205

8,769,745 B1 7/2014 Lin

D712,371 S 9/2014 Henning

D713,171 S \* 9/2014 Fair ..... D6/601

D719,929 S \* 12/2014 Rye ..... D14/205

D721,673 S \* 1/2015 Park ..... D14/205

8,934,654 B2 1/2015 Fullam

D723,510 S \* 3/2015 Ishikura ..... D14/205

D730,867 S \* 6/2015 Park ..... D14/205

D731,999 S \* 6/2015 Cepress ..... D14/205

D736,740 S \* 8/2015 Hwang ..... D14/205

D739,379 S \* 9/2015 Lee ..... D14/205

D743,933 S \* 11/2015 Park ..... D14/205

D756,958 S \* 5/2016 Lee ..... D14/205

D756,959 S \* 5/2016 Lee ..... D14/205

D758,339 S \* 6/2016 Lee ..... D14/205

D762,617 S \* 8/2016 Park ..... D14/205

D763,227 S 8/2016 Lee et al.

D763,822 S 8/2016 Lee et al.

D766,210 S 9/2016 Graylin et al.

D766,869 S \* 9/2016 Lee ..... D14/205

D768,600 S \* 10/2016 Chen ..... D14/205

D777,137 S \* 1/2017 Erbeus ..... D14/205

D781,817 S \* 3/2017 Lee ..... D14/205

2008/0010750 A1 \* 1/2008 Tidwell ..... A47D 13/08  
5/655

2009/0000036 A1 1/2009 Littlehom et al.

2009/0194130 A1 8/2009 Defenbaugh et al.

2009/0226011 A1 \* 9/2009 Abolfathi ..... H04R 25/606  
381/151

2009/0274335 A1 \* 11/2009 Cheung ..... H04R 5/0335  
381/374

2010/0095977 A1 4/2010 Schmitz et al.

2010/0277944 A1 11/2010 Hurwitz

2011/0146701 A1 6/2011 Chou et al.

2011/0170702 A1 7/2011 Bays

2012/0125360 A1 5/2012 Hill et al.

2013/0156248 A1 6/2013 Nakajima

2013/0156250 A1 \* 6/2013 Hsu Huang ..... H04R 1/1075  
381/385

2013/0329903 A1 \* 12/2013 Ting ..... H04R 1/105  
381/74

2015/0264474 A1 \* 9/2015 Seo ..... H04R 1/1091  
381/74

2016/0050487 A1 \* 2/2016 Kim ..... H04R 1/323  
381/74

2016/0088378 A1 \* 3/2016 Hsu Huang ..... H04R 1/1008  
381/334

2016/0106192 A1 4/2016 Swartz et al.

2016/0183656 A1 6/2016 Karam

OTHER PUBLICATIONS

“Harman Voyager Drive makes in-car audio portable”, Jan. 5, 2016  
<http://www.slashgear.com/harman-voyager-drive-makes-in-car-audio-portable-05420728/>.

<http://www.lusha-huang.com/quirky/>, copyright 2015.

<https://www.behance.net/gallery/28226529/Soundwear>, published Jul. 27, 2015.

<http://www.coroflot.com/aaronsaxton/Soundwear>, published Jul. 27, 2015.

(56)

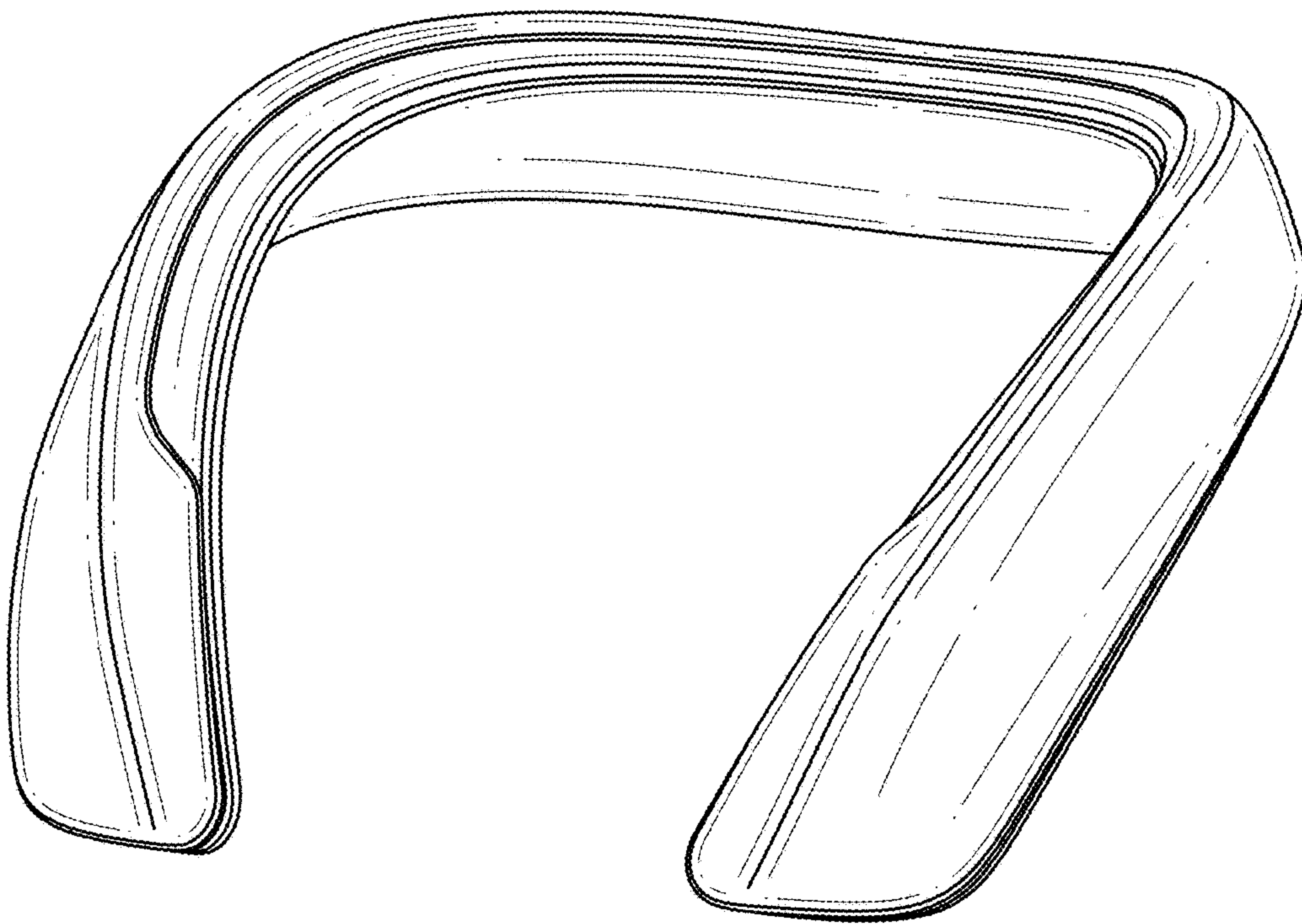
**References Cited**

OTHER PUBLICATIONS

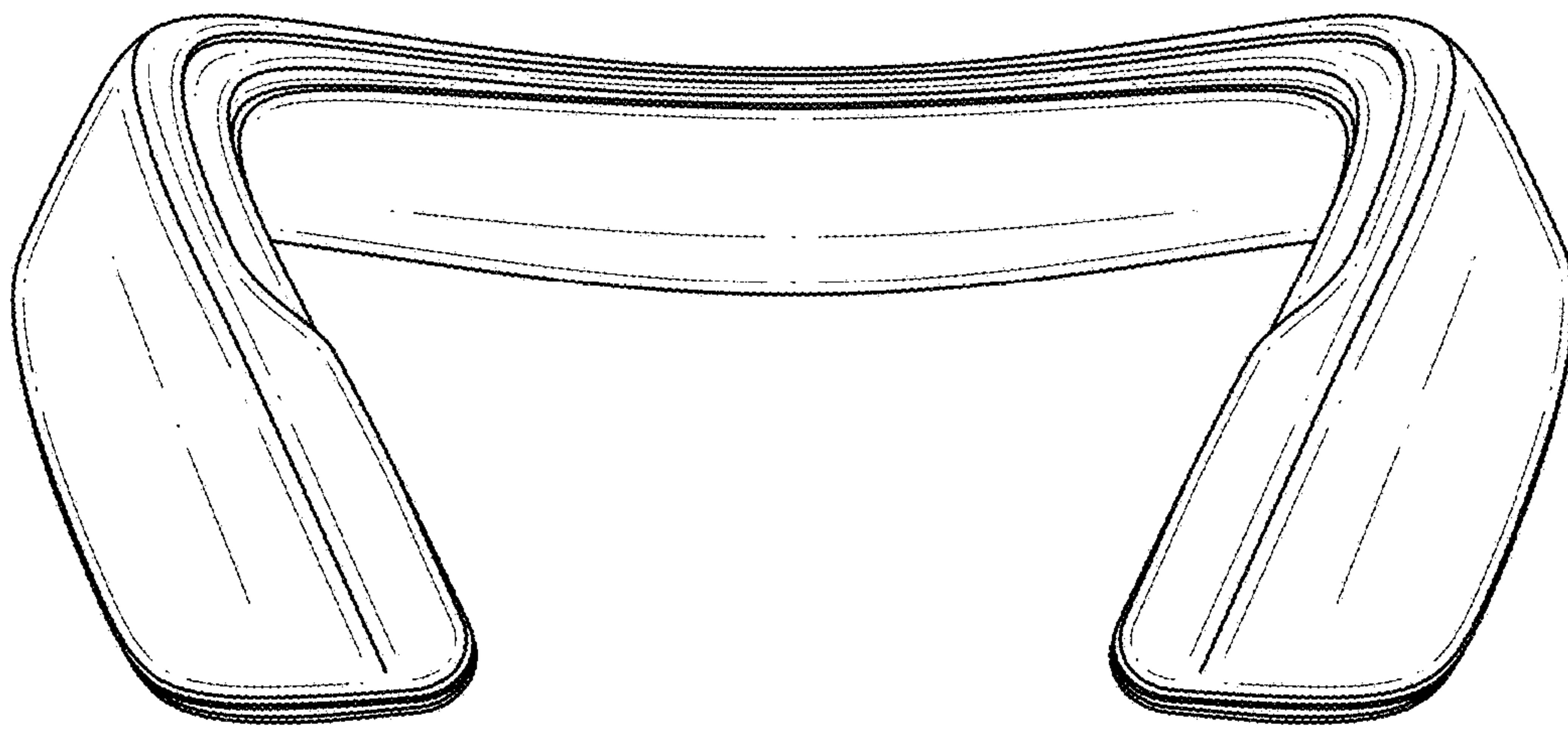
“LG Tone Pro. The Essential Audio Soltion for Life on the Go.” LG Tone Pro Wireless Stereo Headset. LG Electronics Corp. Retrieved from the Internet Nov. 25, 2014.

\* cited by examiner

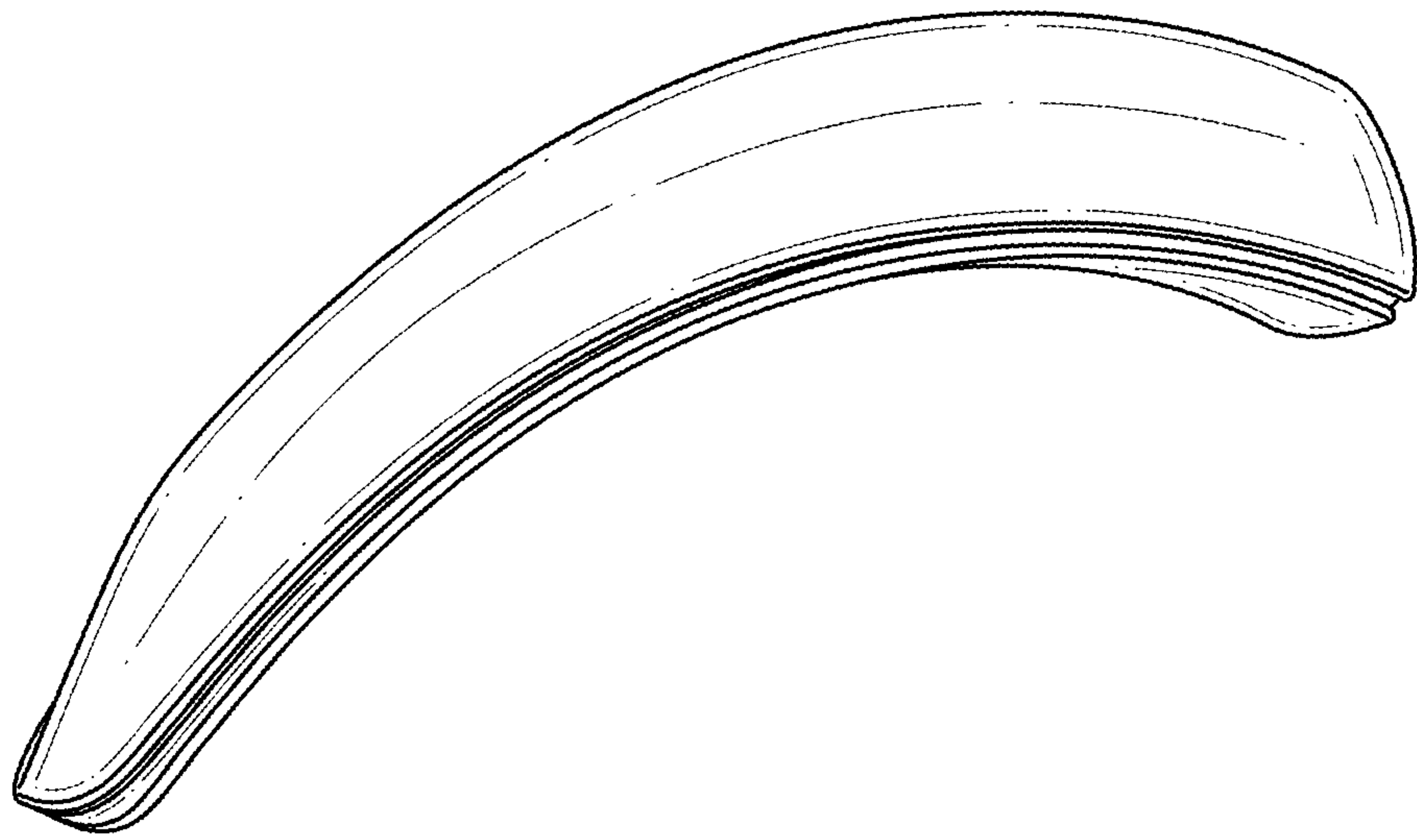




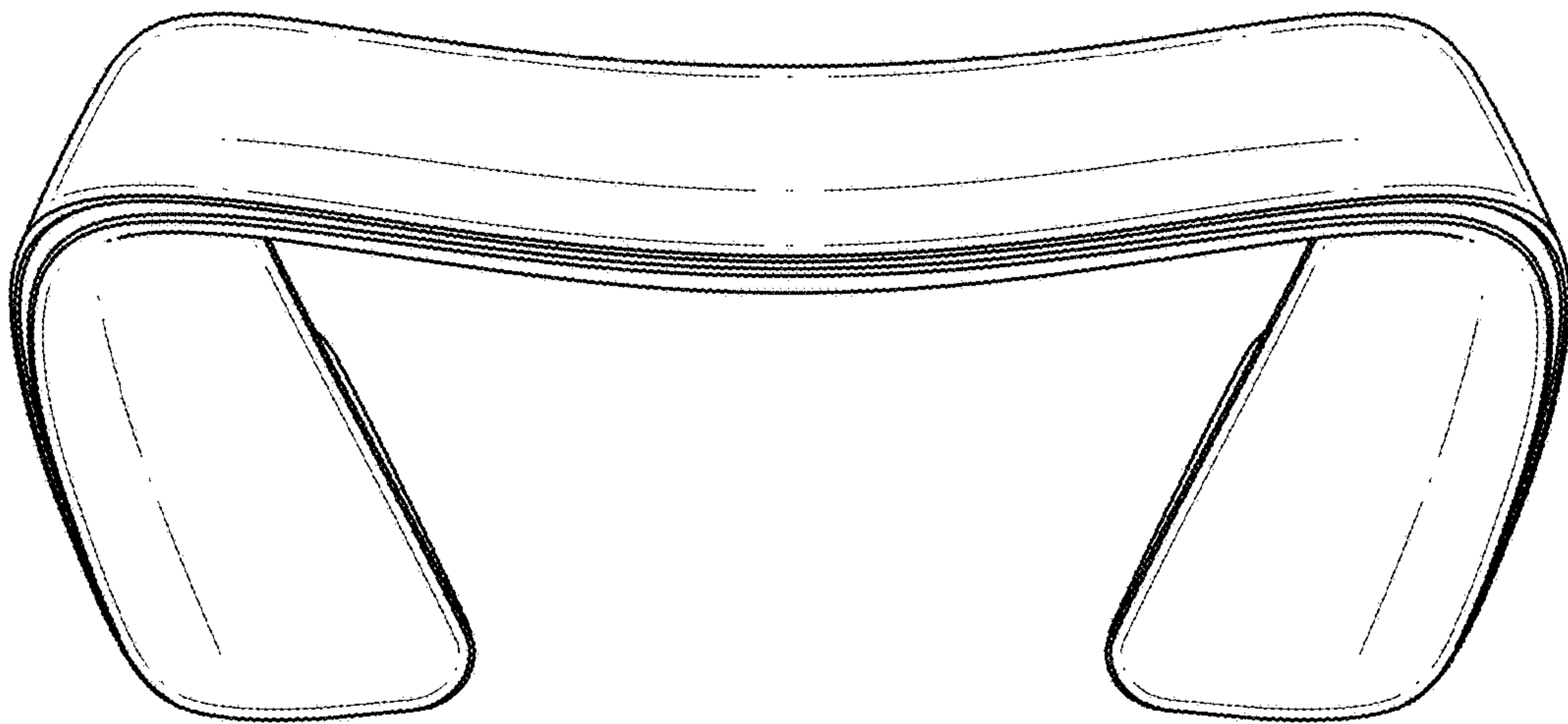
**FIG. 1**



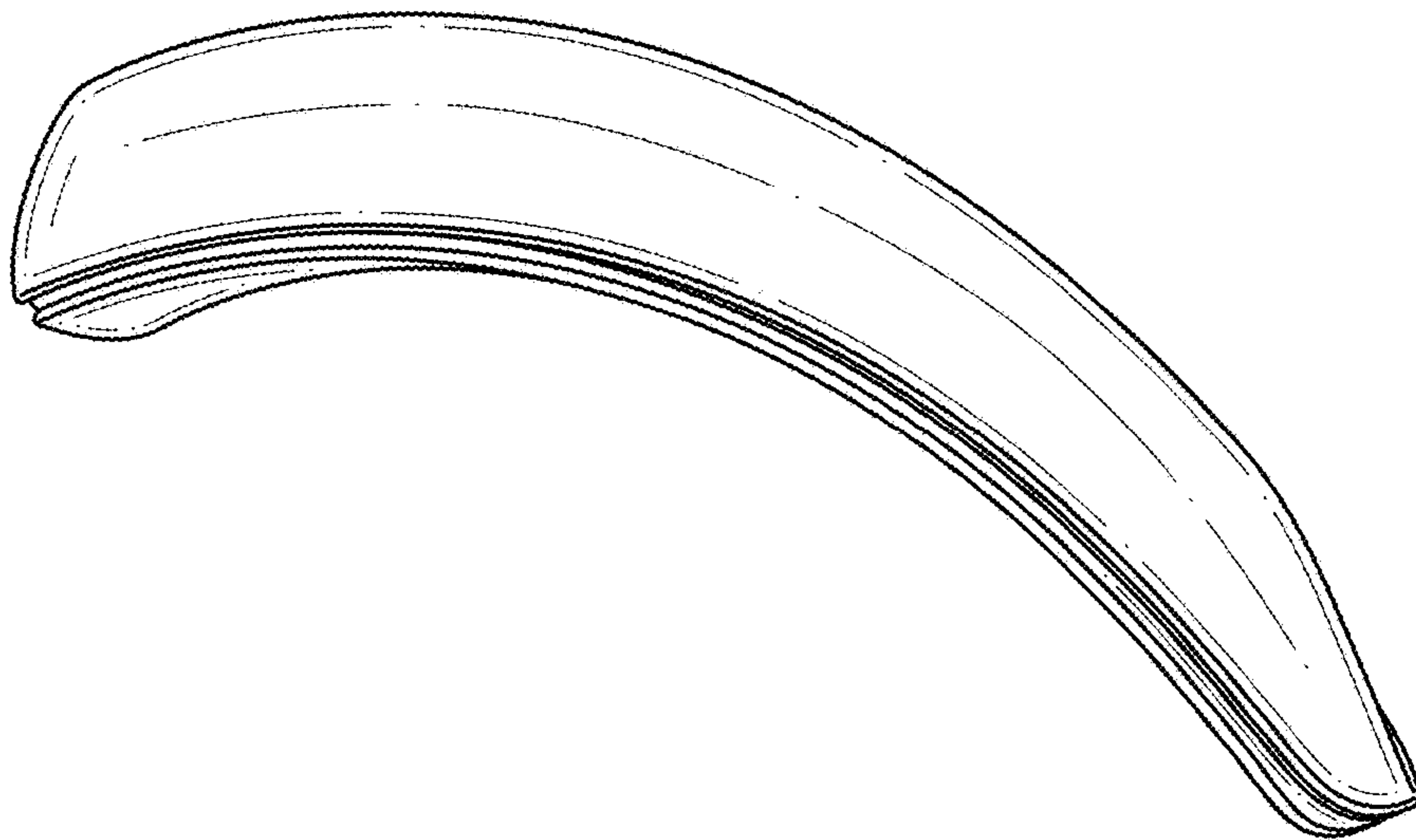
**FIG. 2**



**FIG. 3**

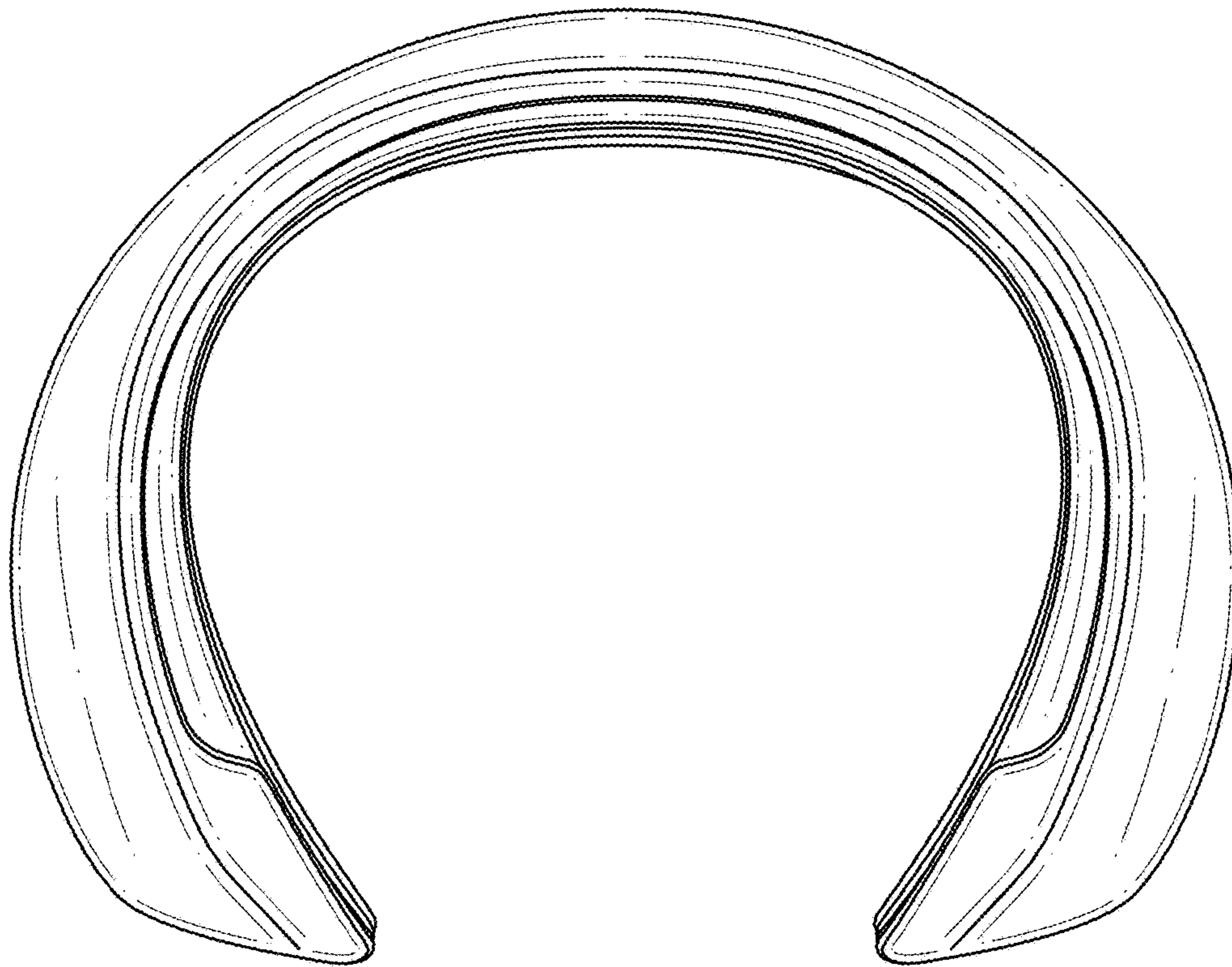


**FIG. 4**

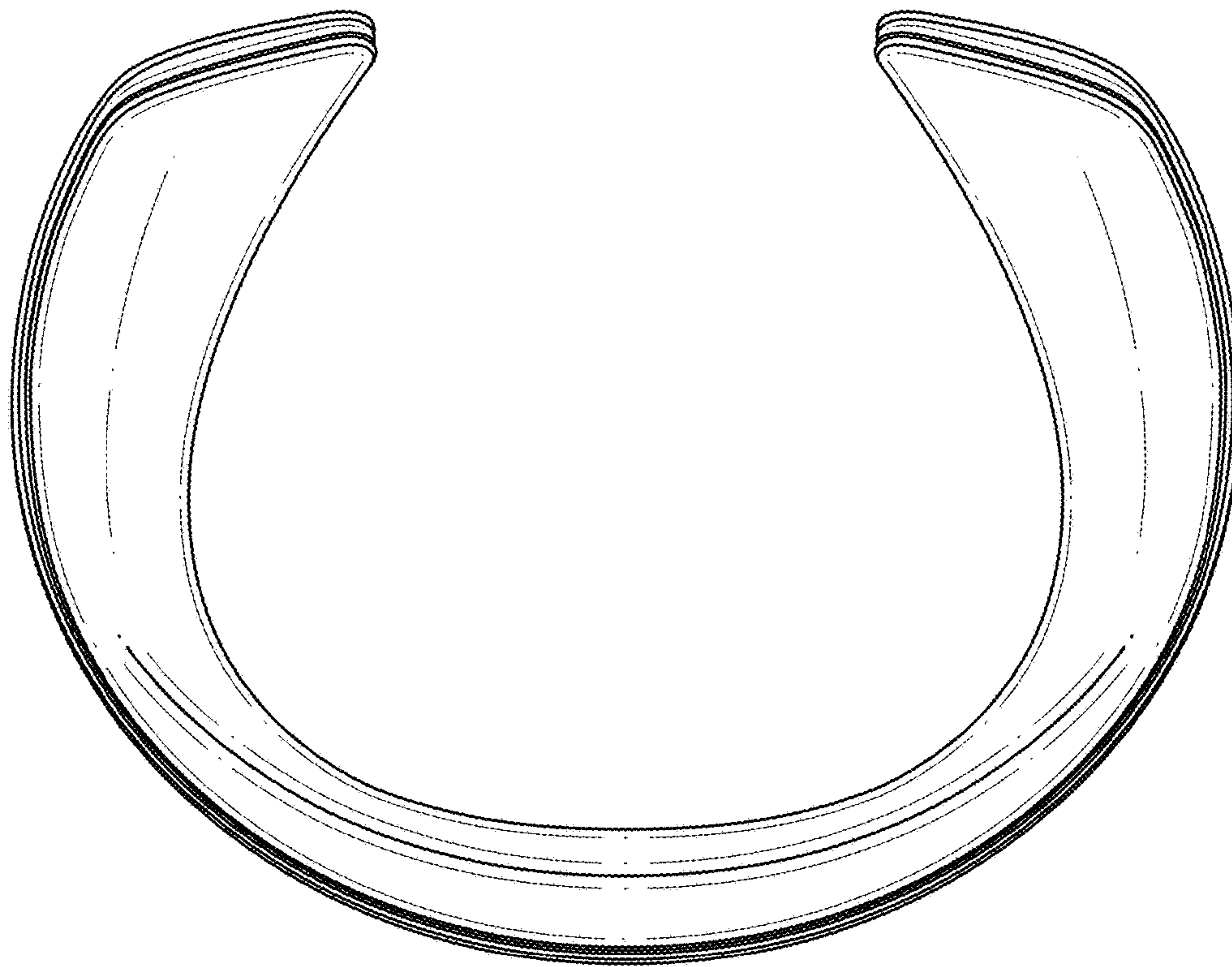


**FIG. 5**





**FIG. 6**



**FIG. 7**