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(12) **United States Design Patent** (10) **Patent No.:** **US D950,518 S**
Treski et al. (45) **Date of Patent:** **** May 3, 2022**

(54) **HEADPHONES**

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

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(51) **LOC (13) Cl.** **14-01**

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

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CPC A45D 8/12; A45D 8/14; A42C 5/00; A42C 5/02; H04R 25/00; H04R 25/02; H04R 1/1066; H04R 1/1016; H04R 5/033; H04R 5/0335; H04R 1/105; H04R 1/1083; H04R 1/083; H04R 1/1091

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,066,511 A 7/1913 Markoff
1,878,397 A * 9/1932 Hekler A45D 44/12
2/174

(Continued)

FOREIGN PATENT DOCUMENTS

EM 002377150-0001 12/2013
GB 2072035 5/1998

(Continued)

OTHER PUBLICATIONS

Global Sources Electronics, Headphones, Oct. 2014, p. 41 (JPO's Document HB26004292).

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(57) **CLAIM**

The ornamental design for headphones, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of headphones showing the claimed design;
FIG. 2 is a bottom front perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The broken lines in the figures show portions of the headphones that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



Related U.S. Application Data

a continuation of application No. 29/557,250, filed on
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(56)

References Cited

U.S. PATENT DOCUMENTS

2,314,782 A * 3/1943 Goretsky A61F 11/06
2/209
2,615,169 A * 10/1952 Maxant A61F 11/06
2/209
2,991,116 A * 7/1961 Andrews B60Q 1/26
362/485
3,073,410 A 1/1963 Gongoll et al.
3,104,398 A 9/1963 Palmaer
3,211,160 A * 10/1965 Miller A45D 8/00
132/275
3,311,713 A * 3/1967 Knuebel H04M 1/05
381/375
D244,300 S 5/1977 Besasie
4,173,715 A 11/1979 Gosman
D254,183 S 2/1980 Doodson
D254,876 S 5/1980 Reitenga et al.
D255,352 S * 6/1980 Besasie D14/205
D278,625 S * 4/1985 Mathiasen D14/228
4,634,816 A 1/1987 O'Malley
D300,133 S * 3/1989 Daidoh D14/205
D313,092 S 12/1990 Nilsson
5,018,599 A 5/1991 Dohi et al.
5,035,005 A 7/1991 Hung
D327,268 S * 6/1992 Anstin D14/192
D328,074 S 7/1992 Yamazaki et al.
D328,461 S 8/1992 Daido et al.
D338,010 S 8/1993 Yamatogi
D351,172 S * 10/1994 Nakamura D14/205
D358,389 S 5/1995 Isono
D366,045 S * 1/1996 Hirschhorn D14/209
D369,604 S * 5/1996 Morimiya D14/205
D375,825 S * 11/1996 Whidden D2/866
5,706,836 A * 1/1998 McKeown A42B 1/16
132/141
5,793,878 A * 8/1998 Chang H04R 5/0335
381/370
5,822,798 A * 10/1998 Baxley A45D 8/36
2/182.6
5,887,286 A * 3/1999 Waldron A61F 11/14
2/209
5,979,466 A * 11/1999 Chung A45D 8/36
132/275
6,010,216 A * 1/2000 Jesiek H04B 1/385
351/158
D420,007 S * 2/2000 Marshall D14/206
D420,356 S 2/2000 Suzuki
D422,592 S 4/2000 Deguchi
6,081,604 A * 6/2000 Hikichi H04R 1/083
381/124
6,093,202 A * 7/2000 Dyken A61F 7/02
607/108
D430,140 S * 8/2000 Roman D14/205
6,097,827 A * 8/2000 Yang H04R 1/1066
381/375
D435,249 S 12/2000 Yasutomi
D439,890 S * 4/2001 Skulley D14/206
6,237,611 B1 * 5/2001 LeCrone A42B 1/004
132/275
6,295,995 B1 * 10/2001 Ewaka A45D 8/24
132/275
D457,512 S 5/2002 Yoneda
6,392,196 B1 * 5/2002 Lin A61F 11/14
2/209
D459,337 S * 6/2002 Mori D14/192
6,421,837 B1 * 7/2002 Percy A45D 8/36
132/273
6,449,806 B1 9/2002 Engelhard et al.

6,470,896 B1 * 10/2002 Mensonides A45D 8/36
132/200
6,496,589 B1 12/2002 Pham et al.
D468,723 S 1/2003 Pham et al.
D473,539 S * 4/2003 O'Leary D14/205
6,560,346 B2 * 5/2003 Ohta H04R 1/083
381/382
D484,485 S 12/2003 Matsuoka
6,654,966 B2 12/2003 Rolla
D484,868 S 1/2004 Suzuki
6,678,897 B2 1/2004 Lindgren
D491,163 S 6/2004 Green
D497,156 S * 10/2004 Bauman D14/225
D497,357 S * 10/2004 Allum D14/206
D502,938 S 3/2005 Tokioka et al.
D504,414 S 4/2005 Yoshida
D504,419 S * 4/2005 Bey D14/223
D504,883 S 5/2005 Jacobson et al.
D505,413 S * 5/2005 Skulley D14/223
D508,483 S * 8/2005 Suzuki D14/205
D512,708 S 12/2005 Harris, Jr. et al.
D512,981 S 12/2005 Jacobson et al.
D514,086 S * 1/2006 Skulley D14/206
D517,043 S 3/2006 Jacobson et al.
7,010,139 B1 * 3/2006 Smeehuyzen H04R 1/10
381/376
D518,479 S * 4/2006 Skulley D14/225
7,072,483 B2 7/2006 Lenhard-Backhaus
D532,407 S 11/2006 Motoishi
D534,155 S 12/2006 Obata
D534,156 S 12/2006 Obata
7,172,052 B2 2/2007 Lenhard-Backhaus
D540,301 S 4/2007 Obata
D540,303 S * 4/2007 Rausch D14/205
D540,778 S * 4/2007 Thompson D14/206
D541,256 S * 4/2007 Rausch D14/205
D541,257 S 4/2007 Thursfield
D541,258 S * 4/2007 Oxford D14/211
D545,001 S 6/2007 Gette et al.
D549,688 S * 8/2007 Suzuki D14/205
D552,077 S 10/2007 Brunner et al.
D557,684 S 12/2007 Pundsack et al.
D563,382 S 3/2008 Wikel
D563,995 S 3/2008 Deguchi et al.
D578,508 S * 10/2008 Wang D14/206
D582,890 S * 12/2008 Koza D14/205
D584,715 S 1/2009 Brennwald
D585,870 S 2/2009 Zheng et al.
D585,871 S 2/2009 Lee
D585,872 S 2/2009 Lee
D588,098 S 3/2009 Kurihara
D588,100 S * 3/2009 Densho D14/205
D591,263 S 4/2009 Shimizu
D592,182 S 5/2009 Sanguinetti
D592,640 S 5/2009 Tkachuk
D593,995 S 6/2009 Shimizu
D594,847 S * 6/2009 Suzuki D14/205
D597,070 S * 7/2009 Zheng D14/205
D600,674 S 9/2009 Brennwald
D603,370 S 11/2009 Suzuki
D603,371 S 11/2009 Boateng et al.
D604,269 S * 11/2009 Choe D14/205
7,614,091 B2 * 11/2009 LeGette G02C 11/00
2/209
D609,694 S * 2/2010 Komiyama D14/205
D616,418 S * 5/2010 Morisawa D14/205
D616,865 S 6/2010 Marchand et al.
D617,769 S * 6/2010 Birger D14/205
7,735,154 B2 6/2010 Gellis et al.
D625,705 S 10/2010 Oho et al.
D632,668 S 2/2011 Brunner et al.
D633,471 S * 3/2011 Sugiyama D14/205
D633,896 S 3/2011 Kondo et al.
D635,957 S * 4/2011 Hirano D14/205
D635,959 S 4/2011 Hutchieson
D636,377 S * 4/2011 Morisawa D14/205
D637,176 S 5/2011 Brunner et al.
D639,776 S 6/2011 Arimoto

(56)

References Cited

U.S. PATENT DOCUMENTS

7,962,970 B2 * 6/2011 Le Gette A61F 11/06
 2/209
 D641,725 S * 7/2011 Chong D14/205
 D652,405 S 1/2012 Lee et al.
 D657,344 S 4/2012 Brunner et al.
 D657,345 S * 4/2012 Brunner H04R 5/033
 D14/205
 D660,824 S 5/2012 Hardi et al.
 D662,912 S * 7/2012 Iijima D14/205
 D664,114 S * 7/2012 Tsuchiya D14/205
 D674,767 S 1/2013 Brunner et al.
 D683,715 S * 6/2013 Triato D14/204
 D689,463 S 9/2013 Hardi et al.
 D691,112 S 10/2013 Brunner et al.
 D696,226 S 12/2013 Brunner et al.
 D698,749 S 2/2014 Brunner et al.
 D702,210 S 4/2014 Birger
 D707,200 S 6/2014 Yang
 D713,817 S 9/2014 Paterson et al.
 D716,760 S 11/2014 Brunner et al.
 D722,591 S 2/2015 Son et al.
 D725,630 S 3/2015 Nakagawa
 9,084,055 B2 7/2015 Brunner et al.
 D765,055 S 8/2016 Hsieh et al.

D765,056 S 8/2016 Yang et al.
 9,445,181 B1 * 9/2016 Atwater H04R 1/105
 D768,110 S 10/2016 Suzuki
 D793,357 S * 8/2017 Afshar D14/205
 D794,601 S * 8/2017 Riggs D14/205
 D794,602 S * 8/2017 Riggs D14/205
 D795,836 S * 8/2017 Liden D14/205
 D796,473 S * 9/2017 Kim D14/205
 D796,474 S * 9/2017 Treski D14/205
 D843,345 S 3/2019 Brunner et al.
 D853,983 S * 7/2019 Sarvis D14/204
 D857,654 S * 8/2019 Levine D14/205
 D889,432 S 7/2020 Brunner et al.
 D904,338 S * 12/2020 Treski D14/205
 D927,454 S * 8/2021 Treski D14/205
 2003/0210801 A1 11/2003 Naksen et al.
 2006/0027245 A1 * 2/2006 Spector A45D 8/36
 132/273
 2011/0206216 A1 8/2011 Brunner et al.

FOREIGN PATENT DOCUMENTS

JP 1318386 12/2007
 JP D1452709 S 9/2012
 KR D30-0747000 6/2014

* cited by examiner

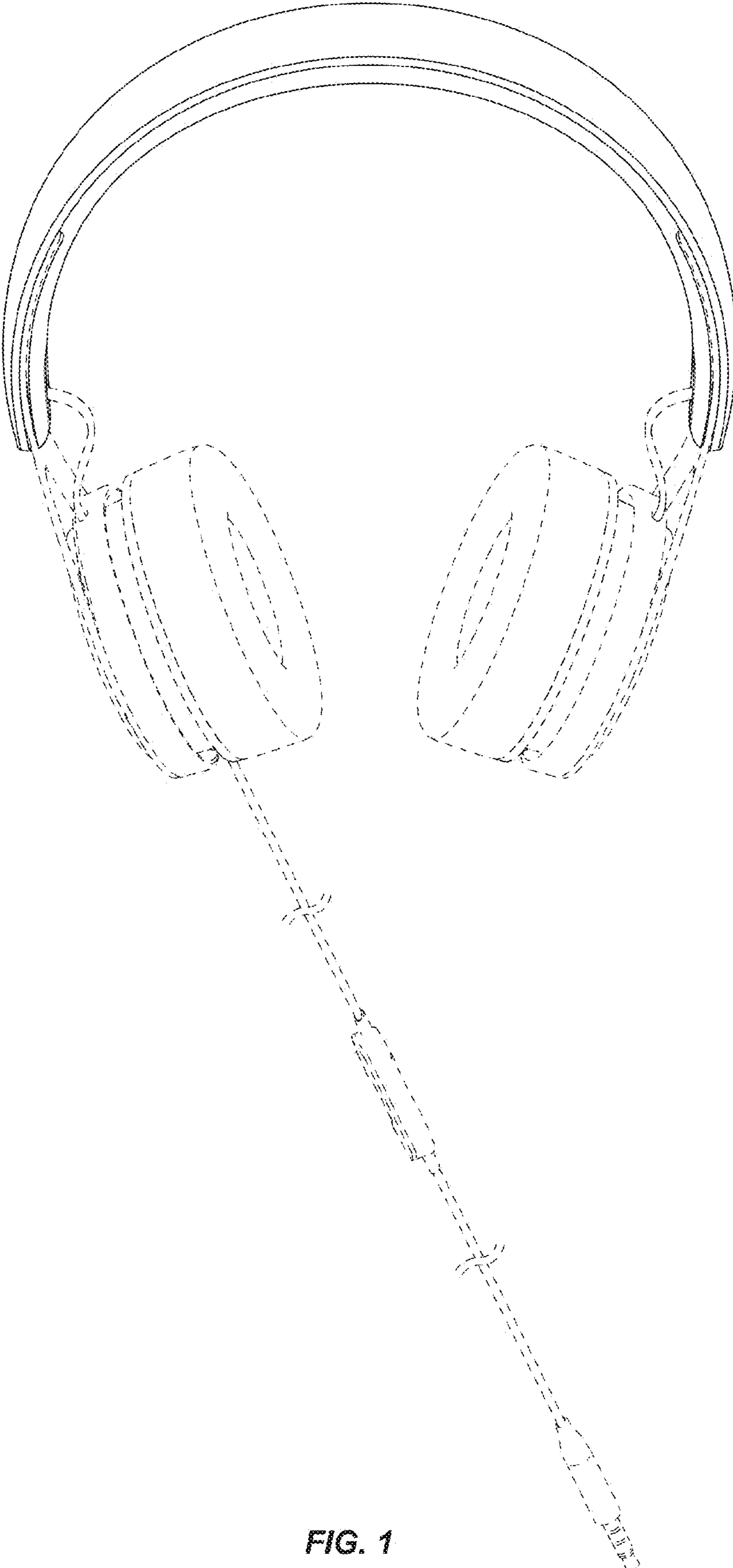


FIG. 1

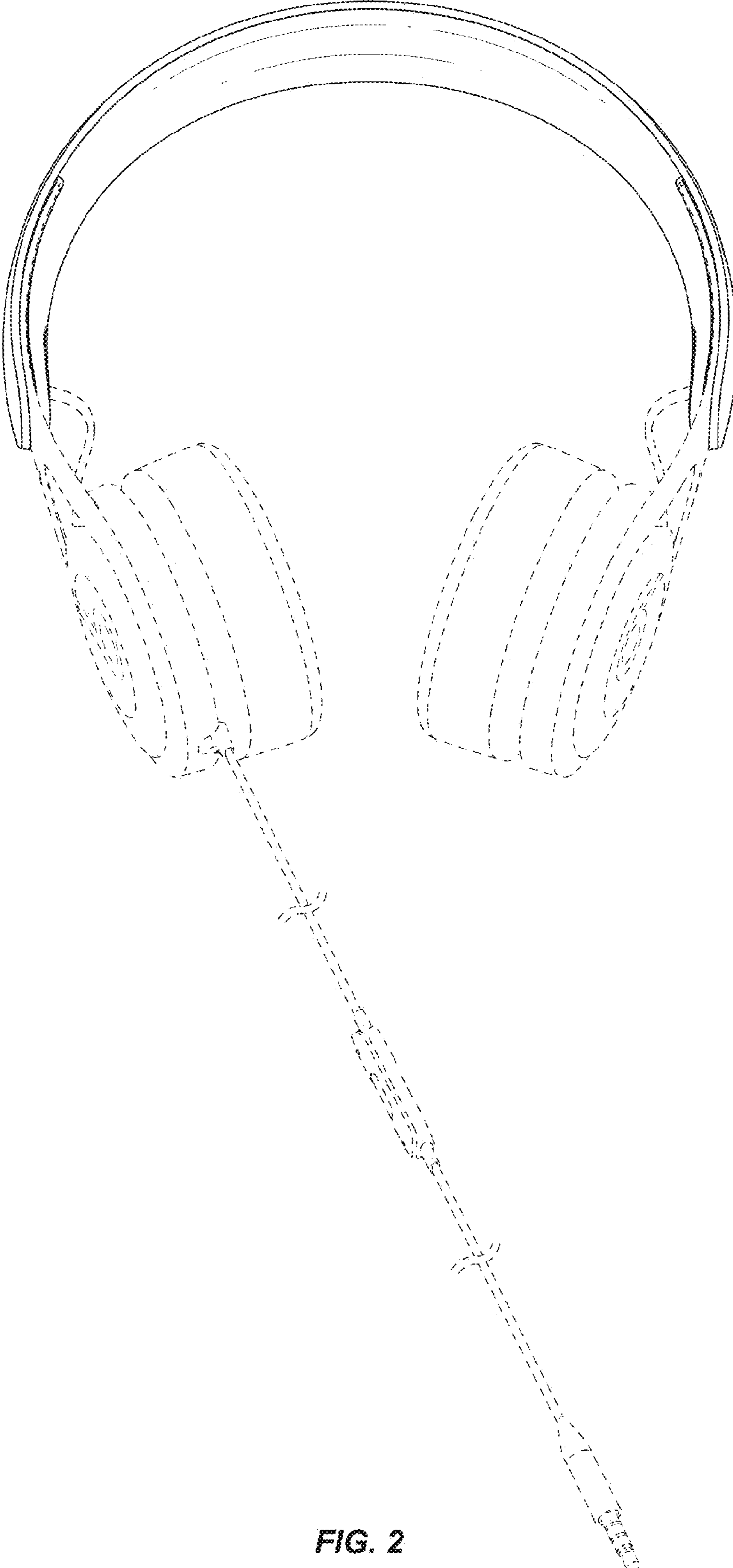


FIG. 2

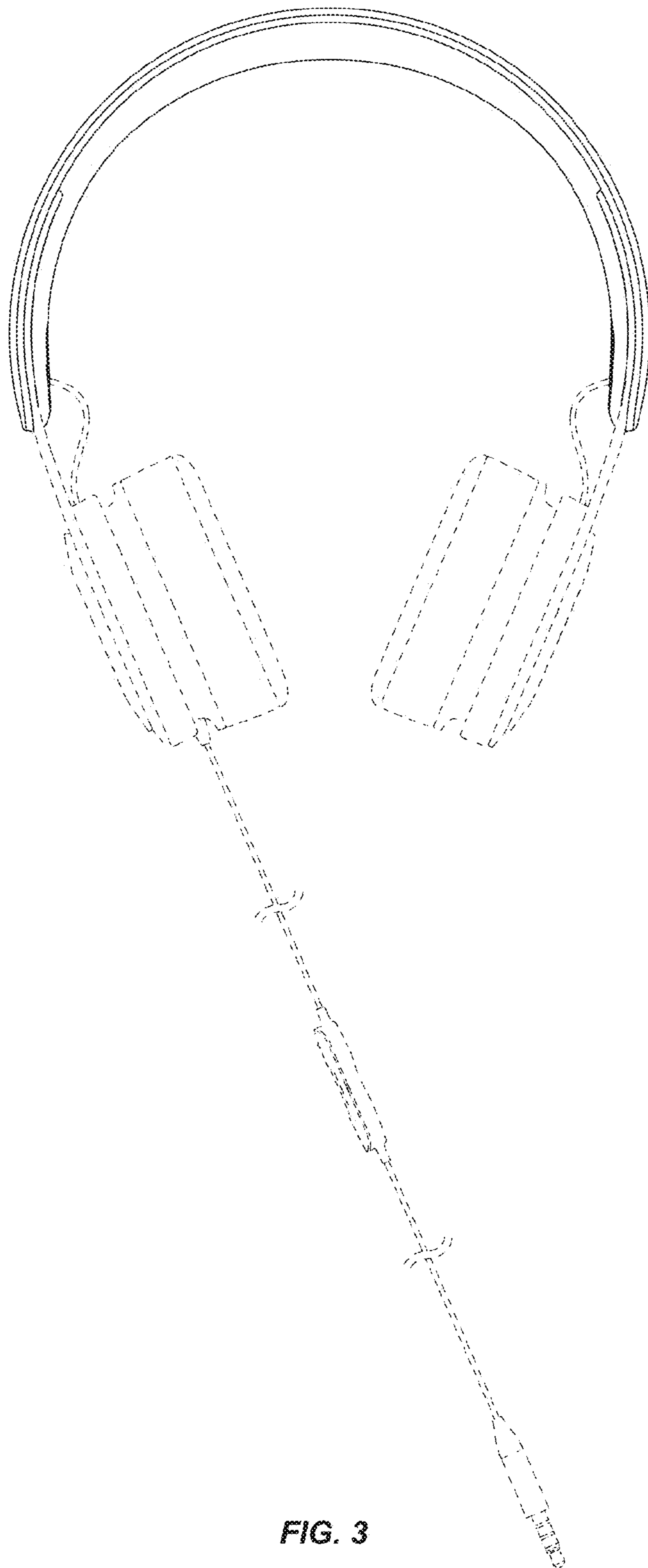


FIG. 3

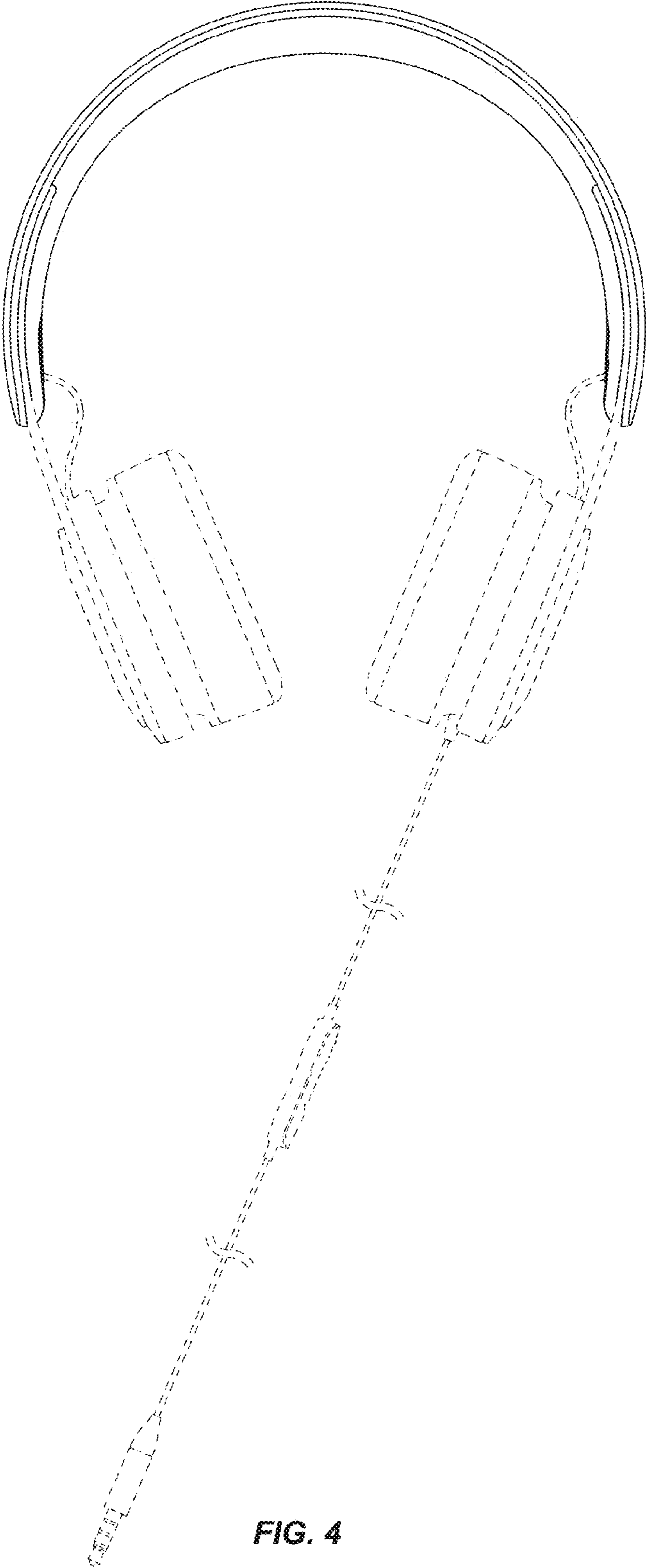


FIG. 4

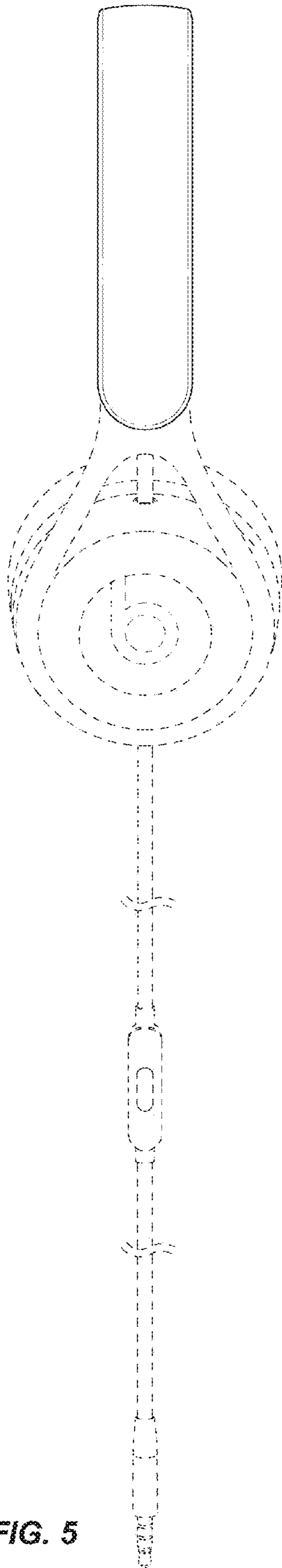


FIG. 5

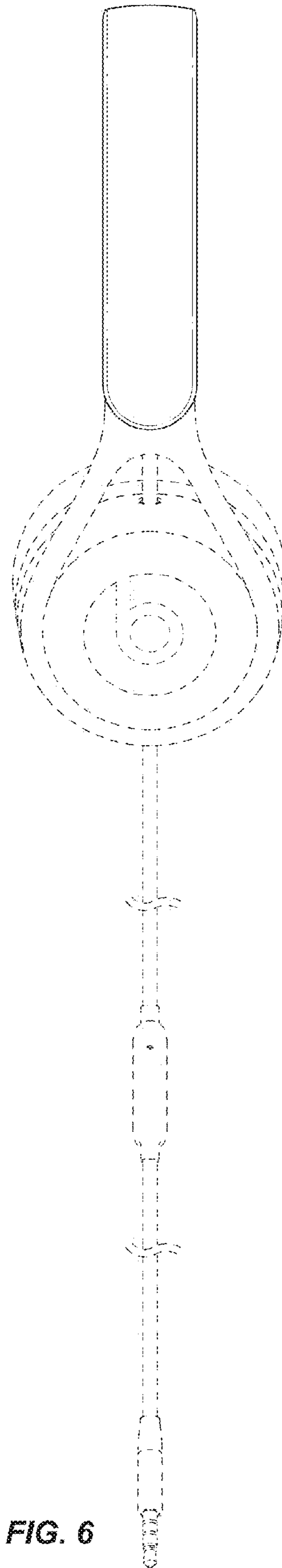


FIG. 6

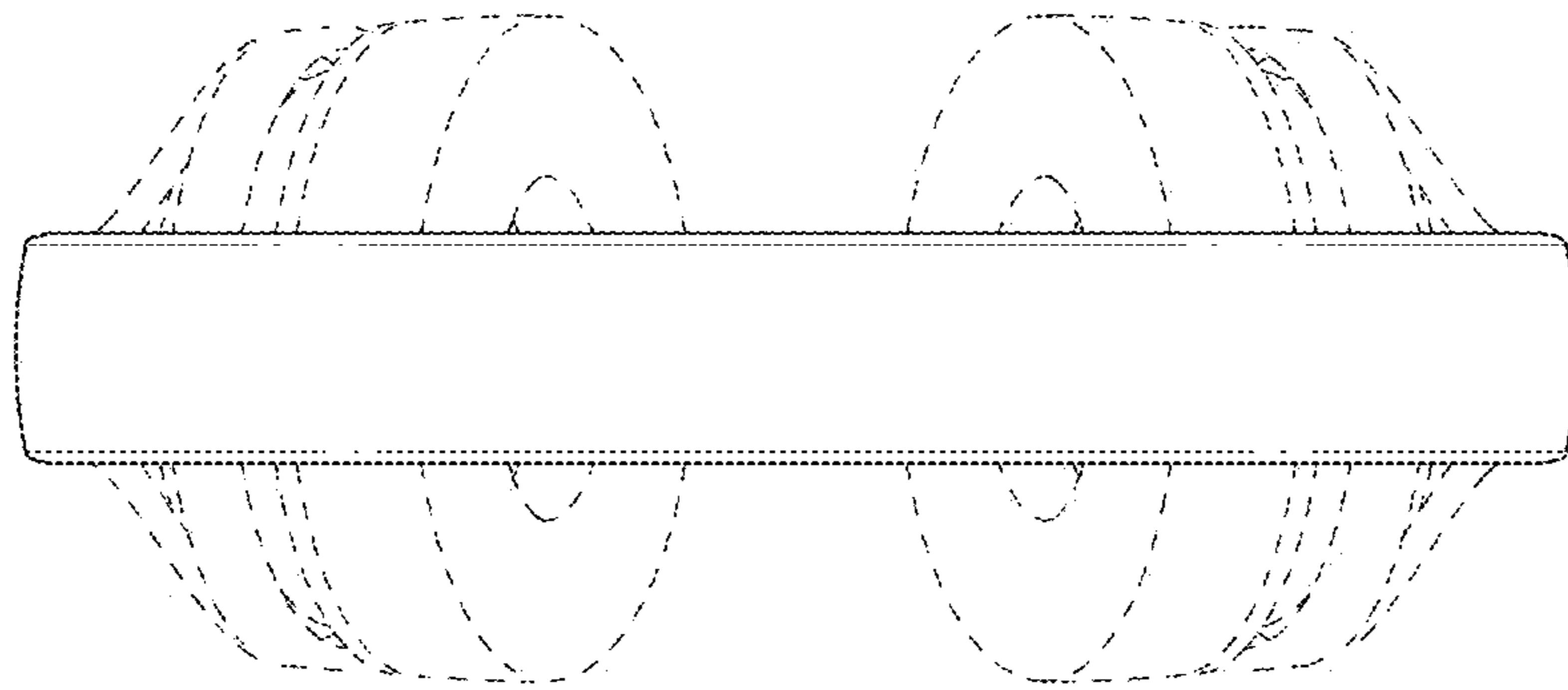


FIG. 7

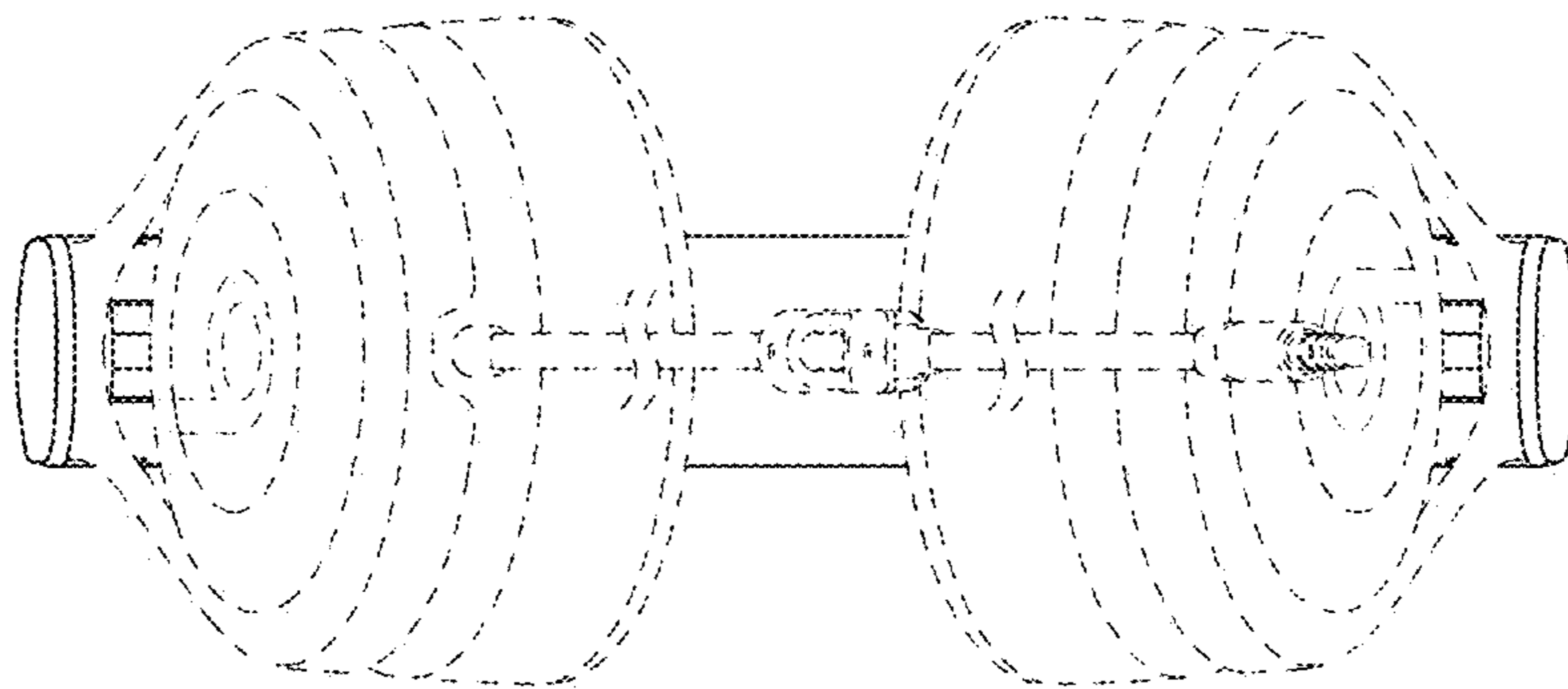


FIG. 8