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(12) **United States Design Patent** (10) **Patent No.:** **US D855,033 S**
Martin et al. (45) **Date of Patent:** **** Jul. 30, 2019**

(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**

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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

(Continued)

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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.

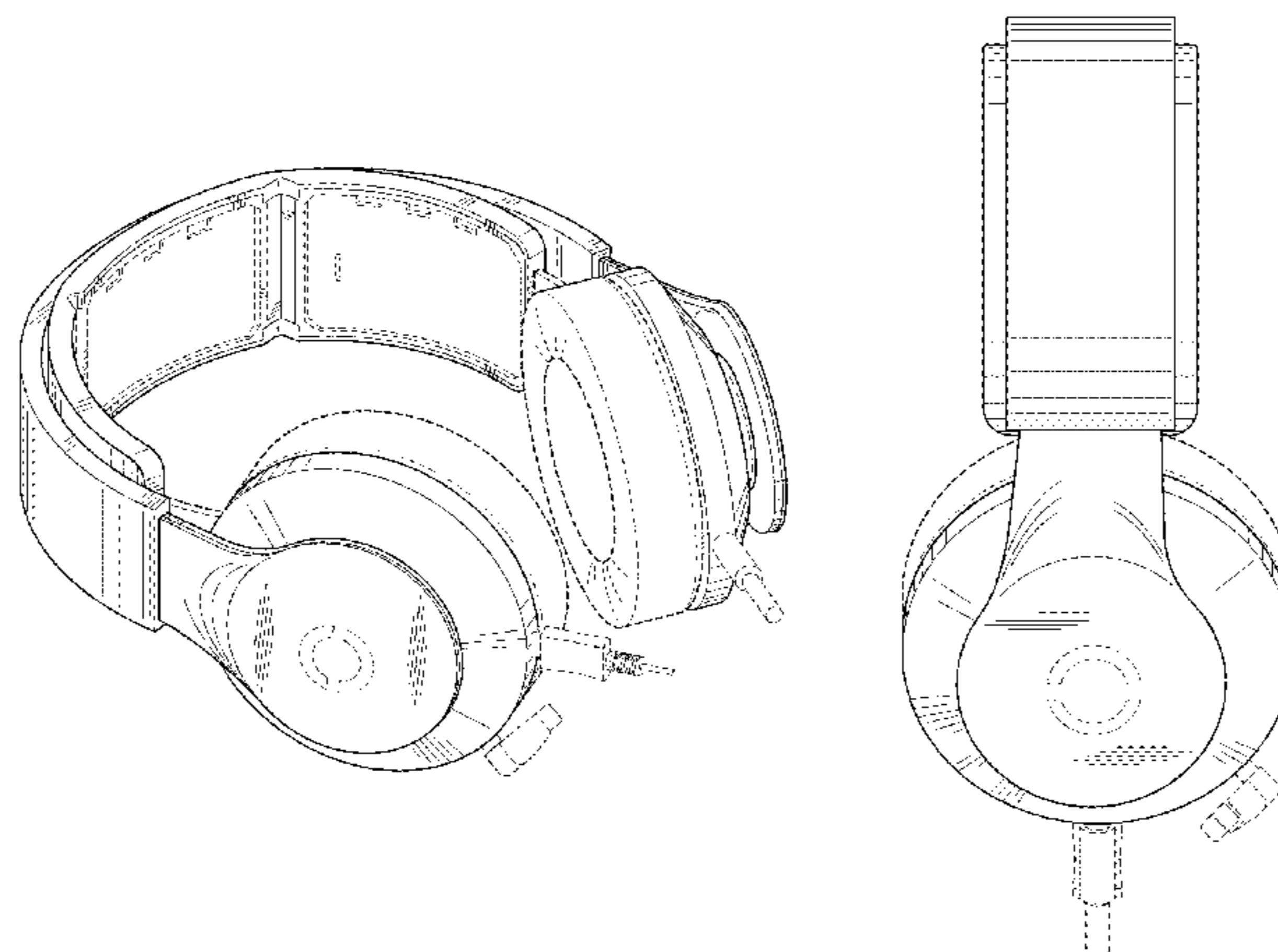
FIG. 5 is a plan view of the top of the biointerface headset.

FIG. 6 is an 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

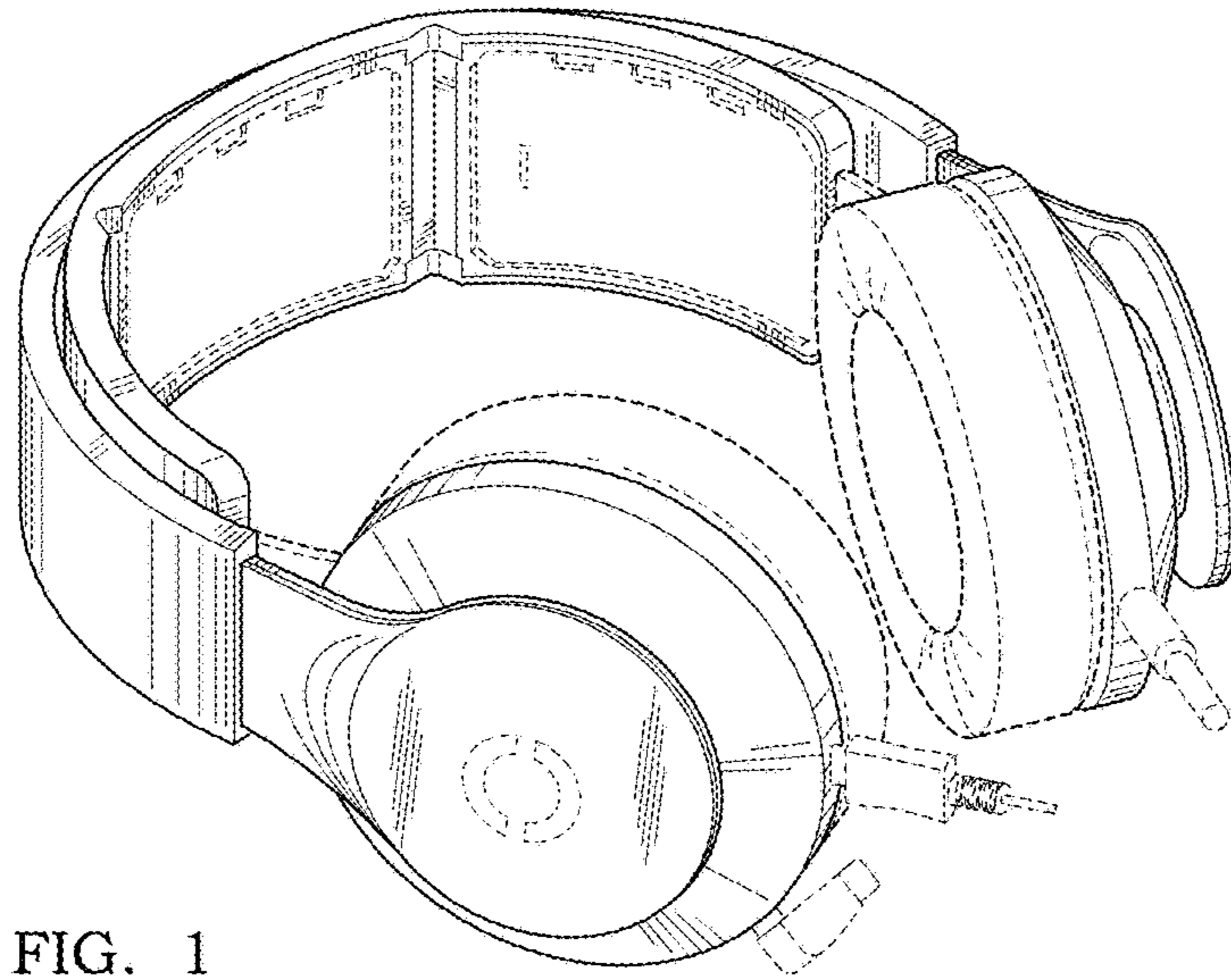


FIG. 1

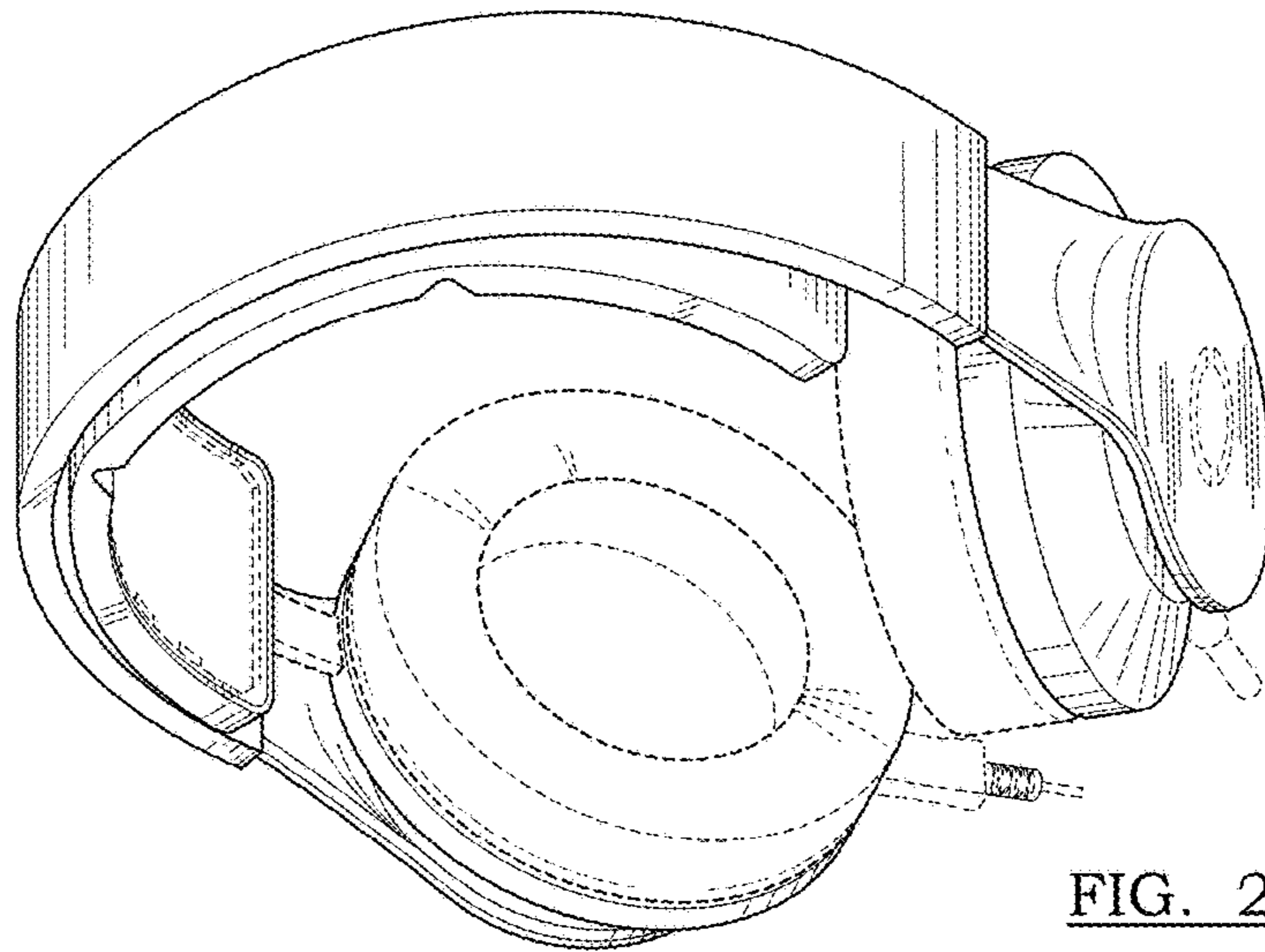


FIG. 2

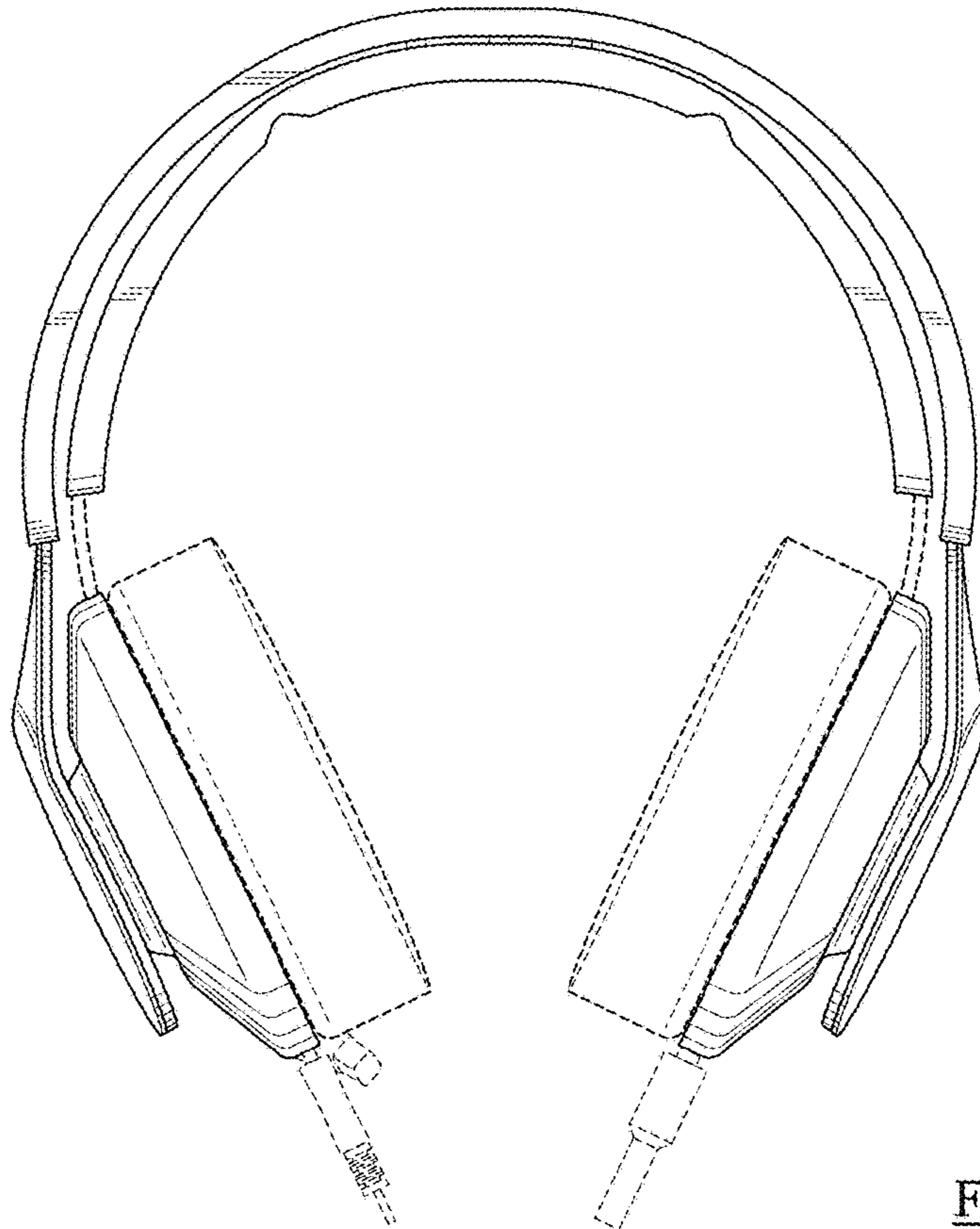


FIG. 3

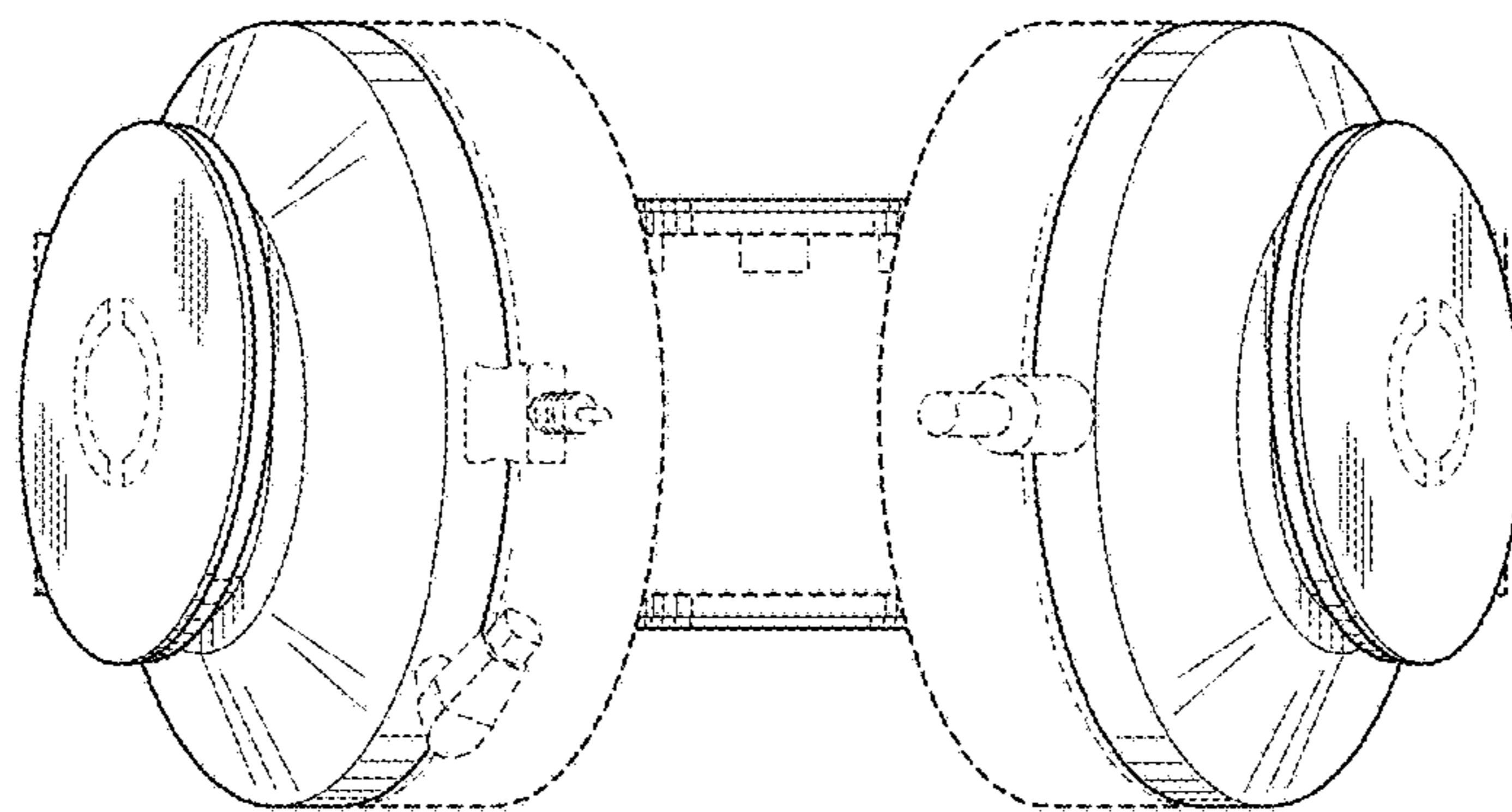


FIG. 4

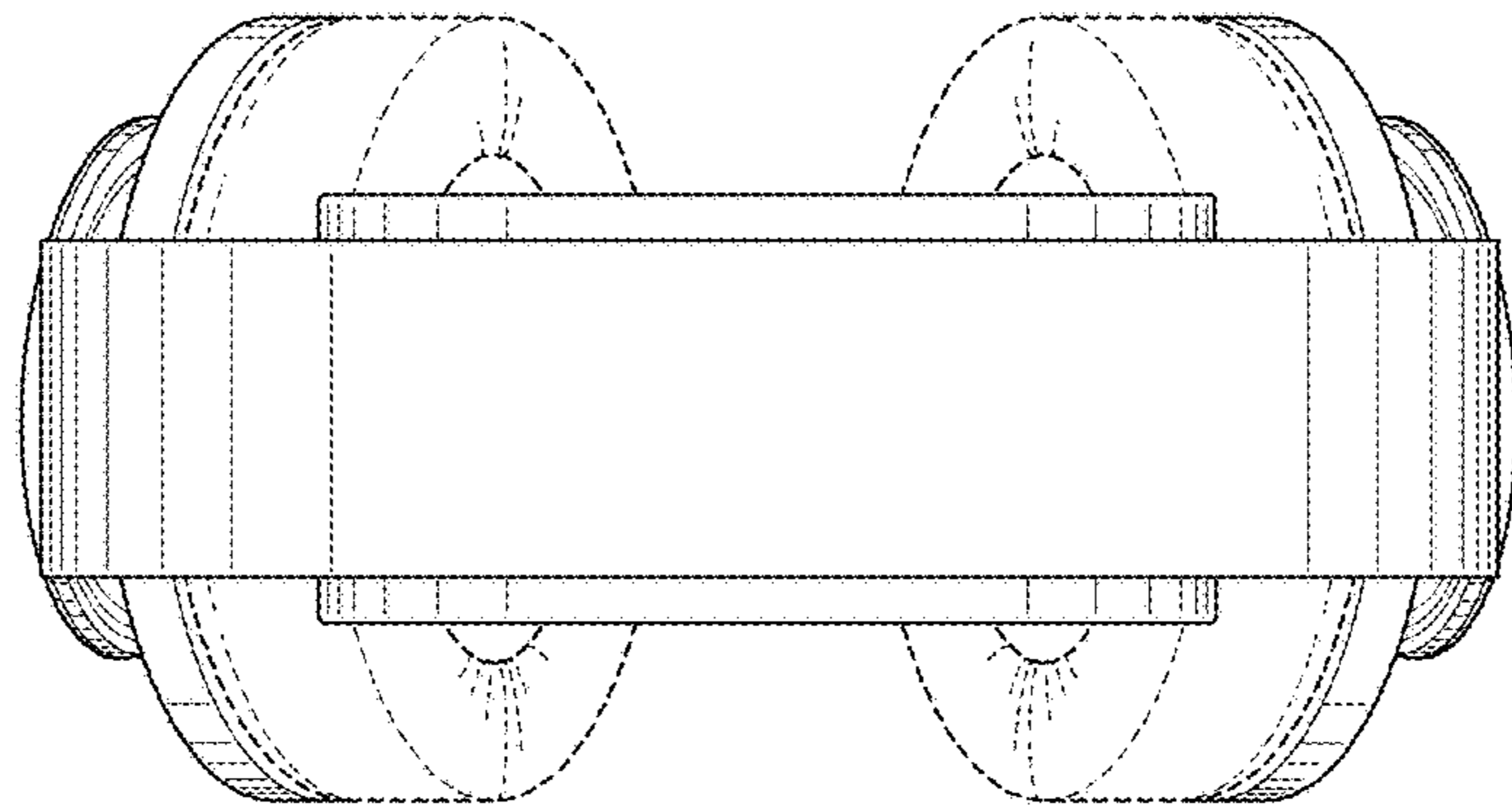


FIG. 5

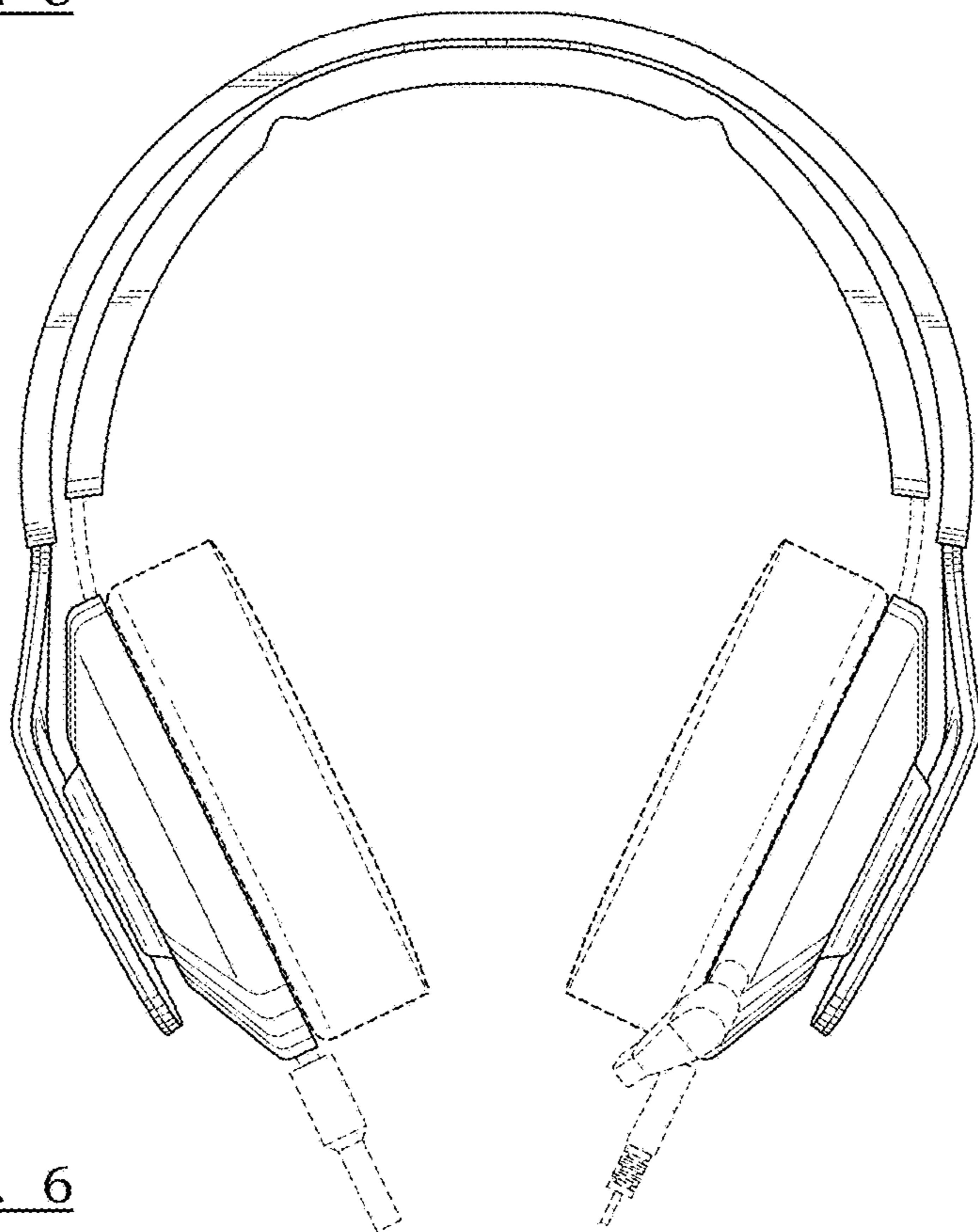


FIG. 6

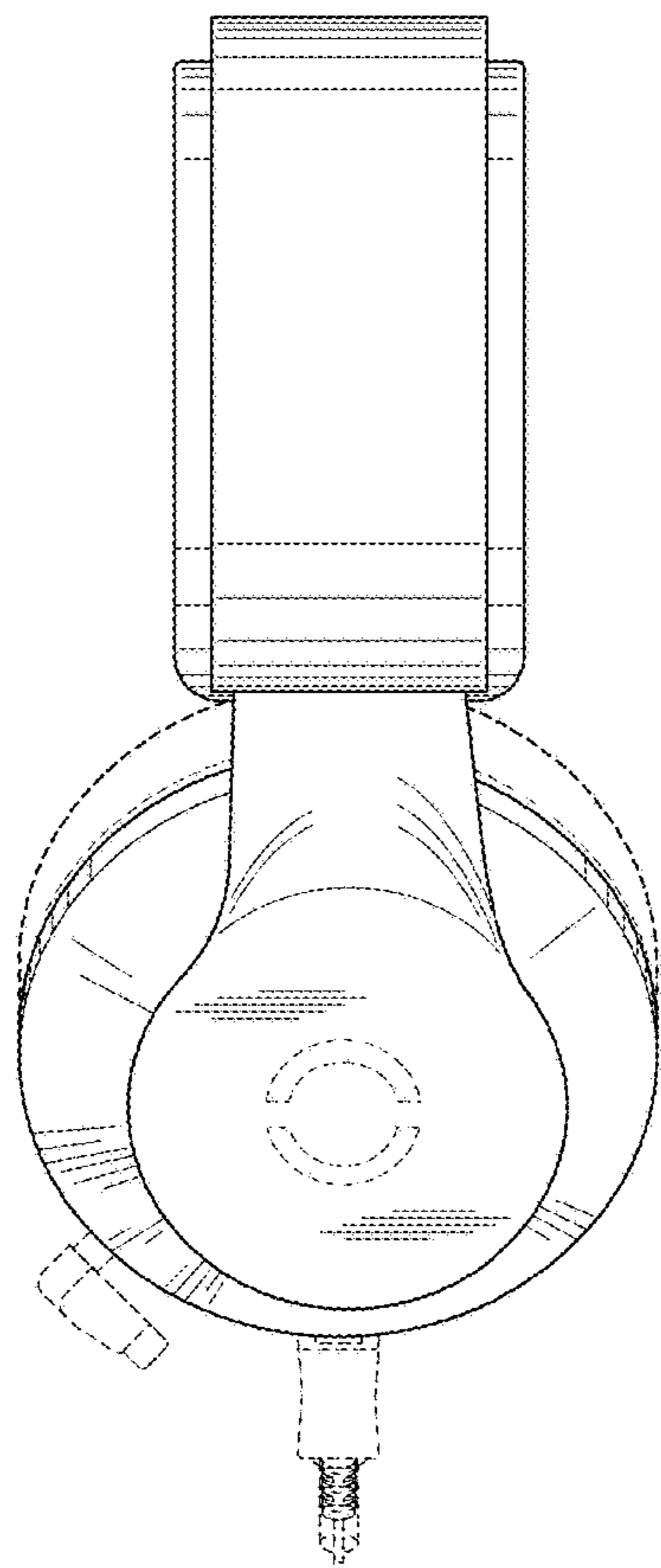


FIG. 7

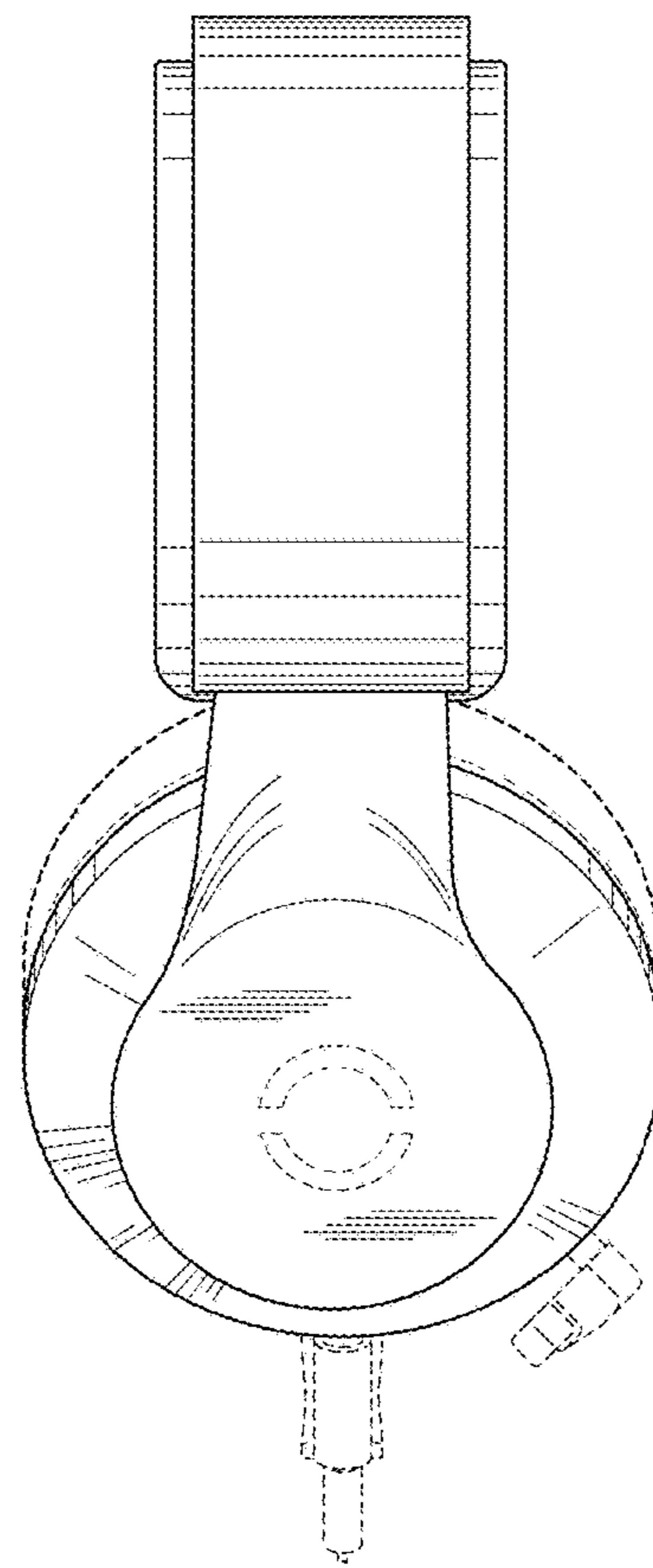


FIG. 8