

US00D863263S

(12) **United States Design Patent**
Yu

(10) **Patent No.:** **US D863,263 S**
(45) **Date of Patent:** **** Oct. 15, 2019**

- (54) **EARPHONE**
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- (72) Inventor: **Yanzhu Yu**, Xiangyang (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/653,765**
- (22) Filed: **Jun. 18, 2018**
- (51) **LOC (12) Cl.** **14-01**
- (52) **U.S. Cl.**
USPC **D14/223**
- (58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 128/865, 866,
128/867; 181/129, 130, 135; 379/430,
379/431; 381/380, 381, 370, 74, 322,
381/324, 328; 455/90.3, 575.1, 569.1
CPC H04R 1/10; H04R 25/00; H04R 1/1066;
H04R 1/1016; H04R 5/033; H04R
5/0335; H04R 25/02; H04R 1/105; H04R
1/1083; A61F 11/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D215,675 S * 10/1969 Yran D14/195
- 3,598,928 A * 8/1971 Hickox H04R 25/60
381/324
- 3,821,647 A * 6/1974 Minasian H03D 1/10
455/269
- D236,988 S * 9/1975 Walters D14/223
- 3,983,336 A * 9/1976 Malek H04R 25/402
381/313
- 4,069,400 A * 1/1978 Johanson H04R 25/60
381/322
- 4,375,016 A * 2/1983 Harada H04R 25/656
181/135
- 4,457,396 A * 7/1984 James H04R 1/345
181/129

- 4,539,708 A * 9/1985 Norris H04B 1/088
455/100
 - 4,584,437 A * 4/1986 Giannetti H04R 25/65
381/322
 - 4,585,089 A * 4/1986 Topholm H04R 25/65
181/135
 - D287,764 S * 1/1987 Topholm D24/174
 - D287,765 S * 1/1987 Topholm D24/174
 - 4,634,815 A * 1/1987 Marquis H04R 25/602
381/322
 - D295,173 S * 4/1988 Oren D14/168
 - D297,979 S * 10/1988 Voroba D24/174
 - 5,054,079 A * 10/1991 Frielingsdorf H04R 1/46
379/430
 - D321,881 S * 11/1991 Hopewell D14/192
- (Continued)

FOREIGN PATENT DOCUMENTS

- EM 003028638-0002 * 3/2016
- EM 006383576-0003 * 4/2019

Primary Examiner — Paula Allen Greene

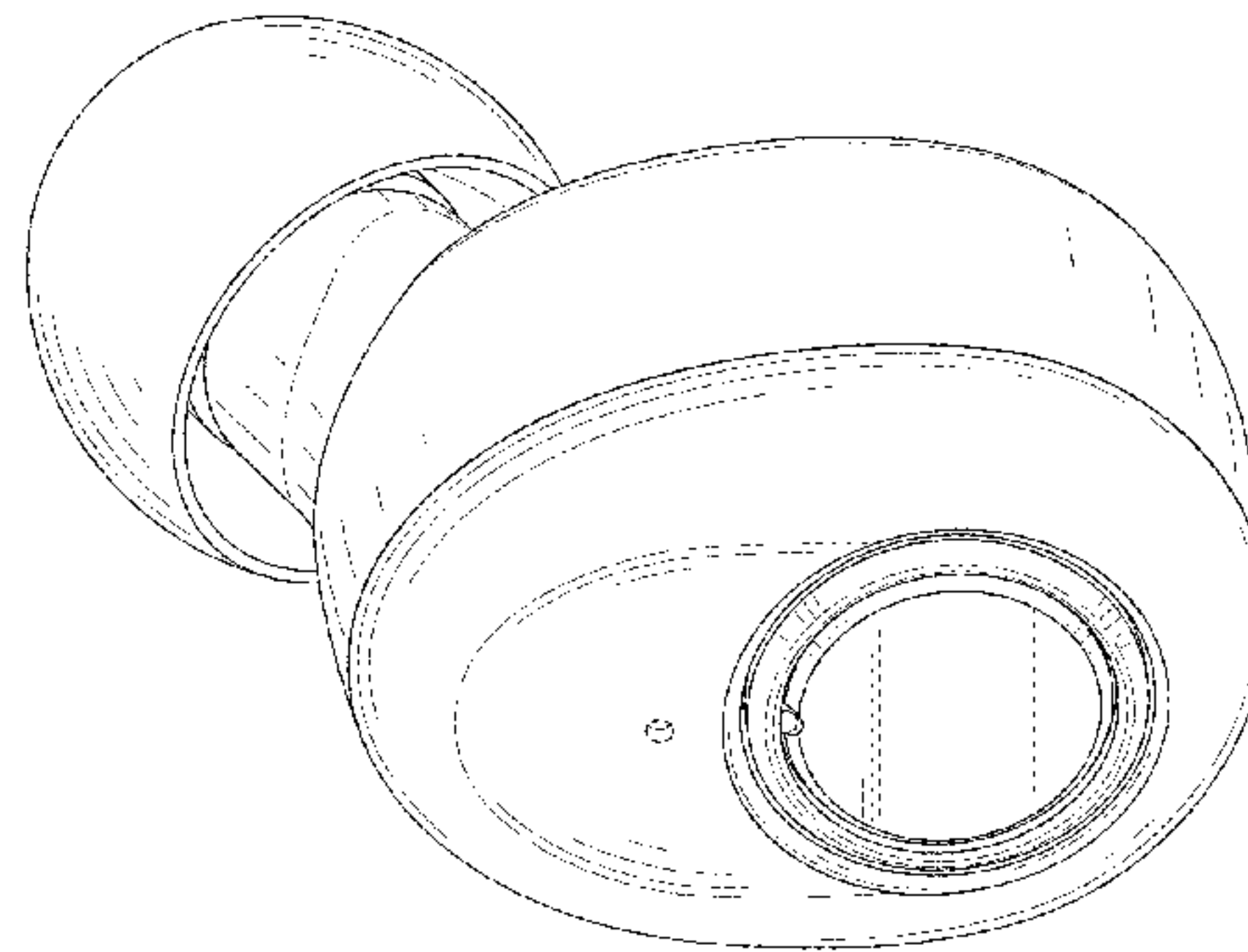
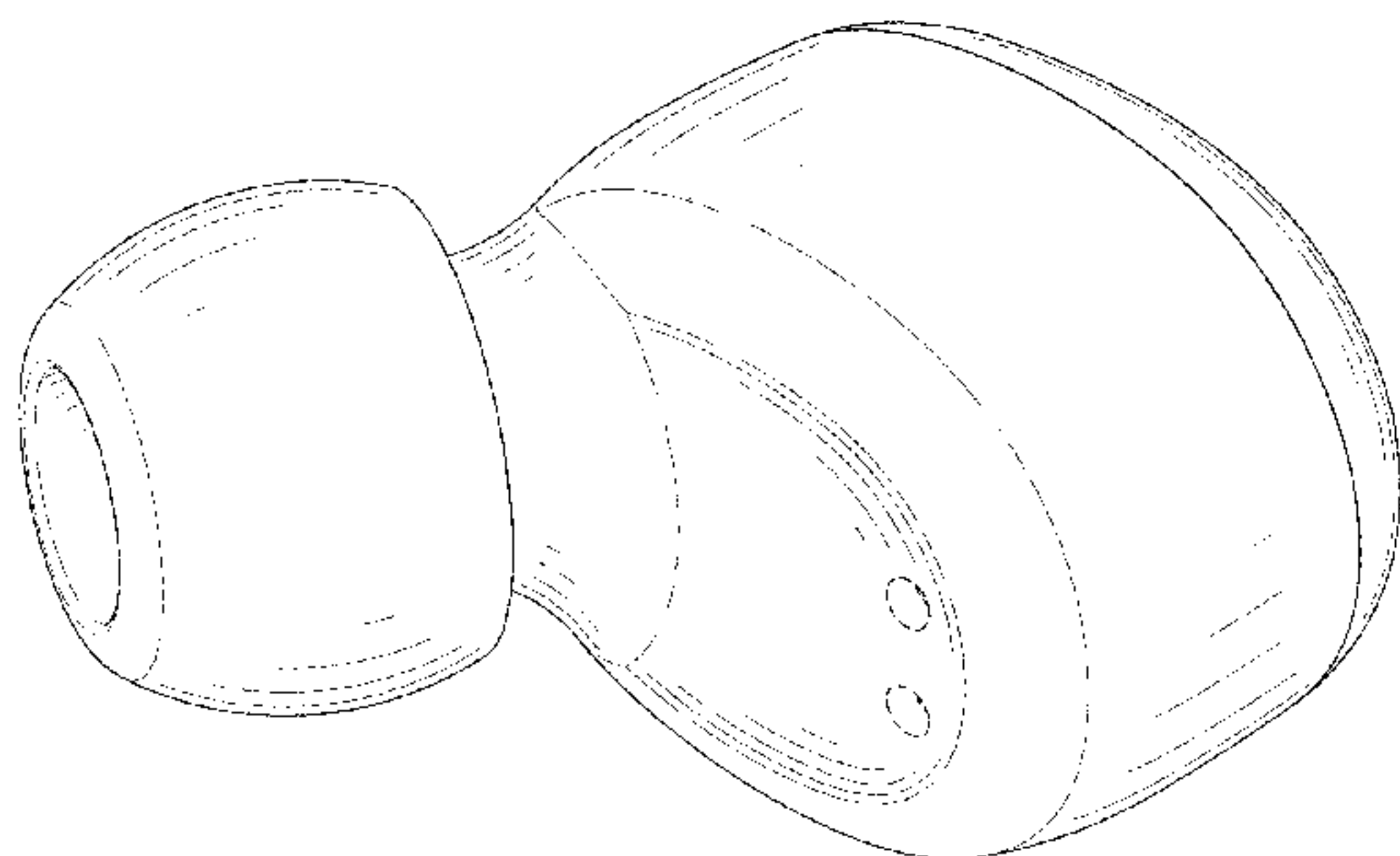
(57) **CLAIM**

The ornamental design for an earphone, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an earphone showing my new design;
 FIG. 2 is another perspective view thereof;
 FIG. 3 is a front elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a left side elevational view thereof;
 FIG. 6 is a right side elevational view thereof;
 FIG. 7 is a top plan view thereof; and,
 FIG. 8 is a bottom plan view thereof.
 The broken lines in the drawings are for the purpose of illustrating portions of the earphone that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,201,008 A * 4/1993 Arndt H04R 25/602
 381/322
 D338,530 S * 8/1993 Oberlander D24/174
 D348,066 S * 6/1994 Lucey D14/205
 5,748,743 A * 5/1998 Weeks H04R 25/654
 381/312
 5,784,471 A * 7/1998 Bebenroth H04R 25/656
 381/322
 D397,796 S * 9/1998 Yabe D24/174
 D417,465 S * 12/1999 Kreitz D14/192
 6,122,388 A * 9/2000 Feldman H04R 25/604
 381/322
 D473,217 S * 4/2003 Rivera D14/223
 D477,593 S * 7/2003 Komiyama D14/223
 D477,822 S * 7/2003 Komiyama D14/223
 D481,709 S * 11/2003 Solderits D14/223
 6,836,676 B2 * 12/2004 Lloyd H04M 1/6041
 379/420.01
 D505,411 S * 5/2005 Sakai D14/192
 D514,095 S * 1/2006 Wilson D14/223
 D519,108 S * 4/2006 Yang D14/223
 7,120,267 B2 * 10/2006 Ito H04M 1/05
 381/375
 D579,006 S * 10/2008 Kim D14/223
 D588,111 S * 3/2009 Komiyama D14/223
 D603,380 S * 11/2009 Hutchieson D14/223
 D636,492 S * 4/2011 Aquilina D24/174
 D637,997 S * 5/2011 Peller D14/205
 D637,999 S * 5/2011 Brunner D14/205
 D641,010 S * 7/2011 Kwon D14/223
 D643,833 S * 8/2011 Lee D14/223
 D652,817 S * 1/2012 Lee D14/205
 D652,822 S * 1/2012 Lee D14/223
 D654,056 S * 2/2012 Hoggarth D14/205
 D666,581 S * 9/2012 Perez D14/223
 8,275,166 B2 * 9/2012 Wu H04R 25/00
 381/328
 D685,764 S * 7/2013 Coulter D14/205
 D686,597 S * 7/2013 Lee D14/223
 D697,058 S * 1/2014 Thompson D14/205
 D699,226 S * 2/2014 Yoon D14/206

8,776,801 B2 * 7/2014 McIntosh A61F 11/08
 128/864
 D711,356 S * 8/2014 Yang D14/223
 D712,882 S * 9/2014 Wang D14/223
 D719,139 S * 12/2014 Henry D14/223
 D719,550 S * 12/2014 Yang D14/223
 D725,082 S * 3/2015 Palmborg D14/223
 8,983,108 B2 * 3/2015 Ho H04R 1/1016
 181/135
 D726,145 S * 4/2015 Hsieh D14/205
 D727,871 S * 4/2015 Orbach D14/205
 D728,107 S * 4/2015 Torres Martin D24/174
 D733,102 S * 6/2015 Palmborg D14/223
 D733,103 S * 6/2015 Jeong D14/224
 9,087,506 B1 * 7/2015 Kraft G10L 21/0232
 9,131,308 B2 * 9/2015 Kraft G10L 21/0232
 D742,861 S * 11/2015 Miyake D14/223
 9,198,800 B2 * 12/2015 Killion H04R 1/1041
 D764,445 S * 8/2016 Czaniecki D14/223
 D773,032 S * 11/2016 Palmborg D24/106
 D777,710 S * 1/2017 Palmborg D14/223
 D781,269 S * 3/2017 Choe D14/223
 D782,997 S * 4/2017 Shin D14/205
 D782,998 S * 4/2017 Shin D14/205
 D795,224 S * 8/2017 Valenzuela D14/223
 D798,843 S * 10/2017 Valenzuela D14/223
 D806,879 S * 1/2018 Horbinski D24/174
 D810,054 S * 2/2018 Yuan D14/223
 D817,309 S * 5/2018 Czaniecki D14/223
 10,178,464 B2 * 1/2019 Hussein A61F 11/08
 D841,626 S * 2/2019 Tang D14/223
 D842,844 S * 3/2019 Li D14/223
 D845,932 S * 4/2019 Lu D14/223
 D846,532 S * 4/2019 Xiao D14/223
 D852,783 S * 7/2019 Hueber D14/223
 D853,359 S * 7/2019 Guo D14/223
 2005/0238192 A1 * 10/2005 Ford H04R 25/654
 381/322
 2009/0304220 A1 * 12/2009 Fujikura H04R 1/1091
 381/380
 2012/0114160 A1 * 5/2012 Lin H04R 1/1091
 381/380
 2013/0259286 A1 * 10/2013 Chung H04R 1/1016
 381/380
 2017/0026738 A1 * 1/2017 Tang H04R 1/1091

* cited by examiner

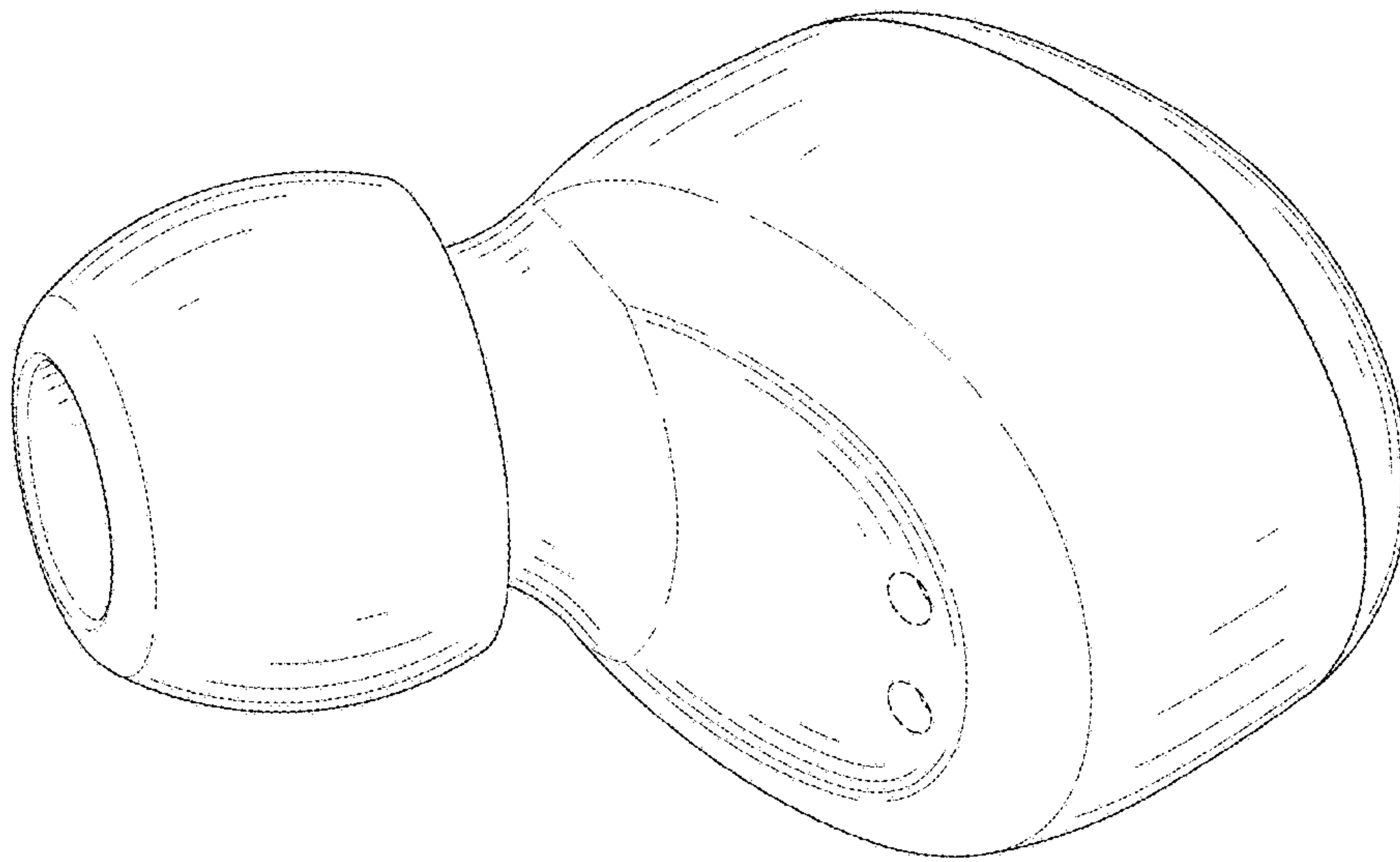


FIG. 1

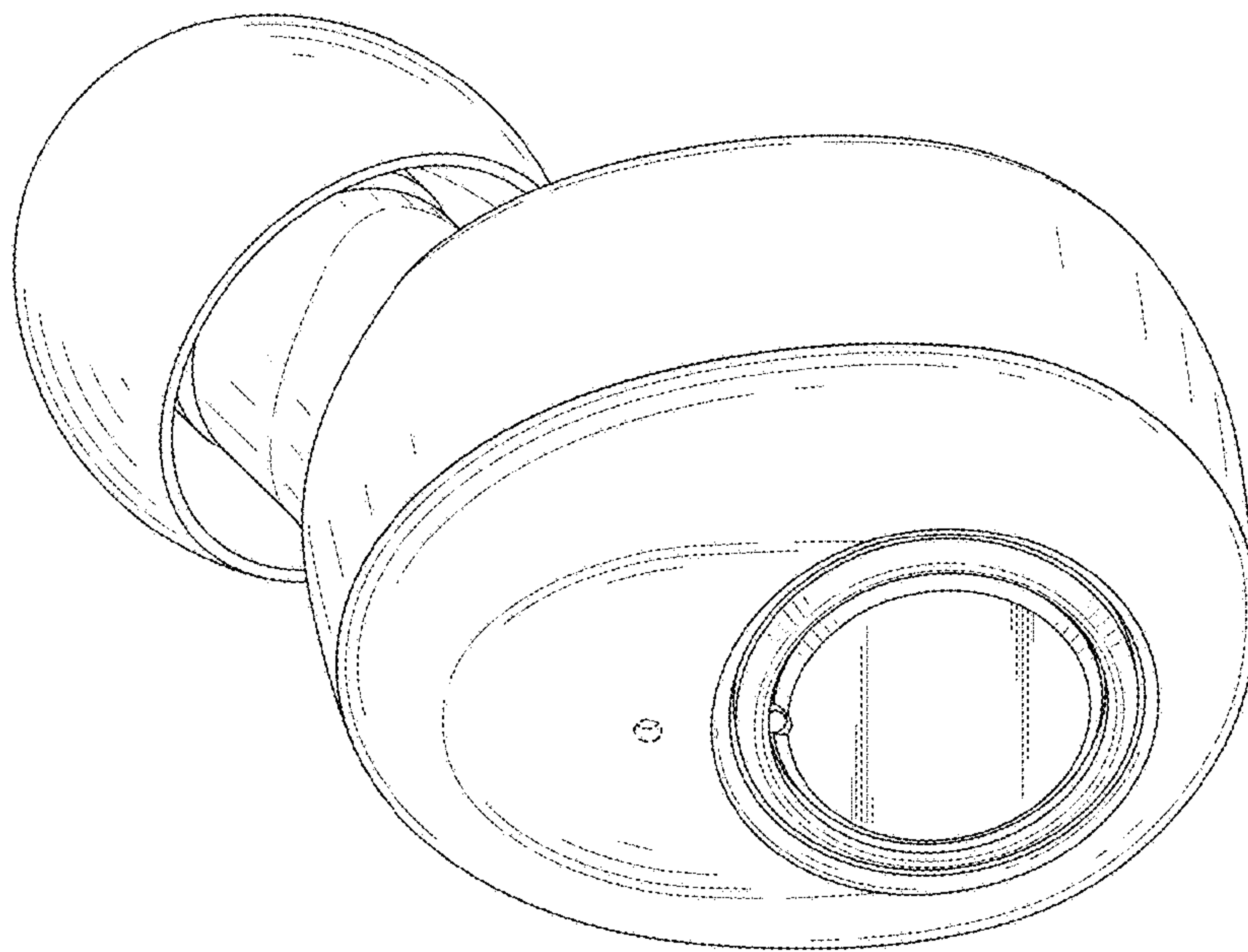


FIG. 2

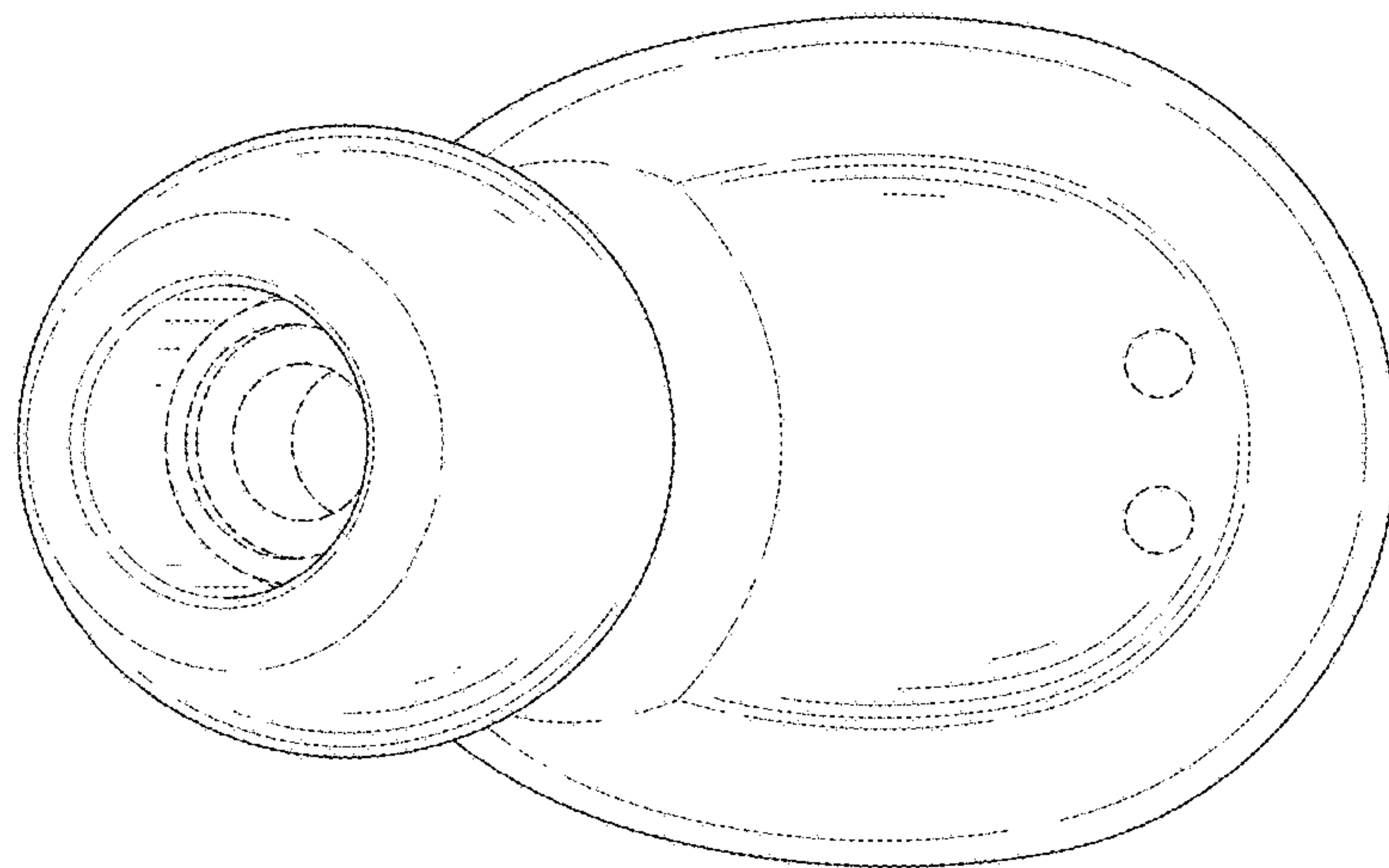


FIG. 3

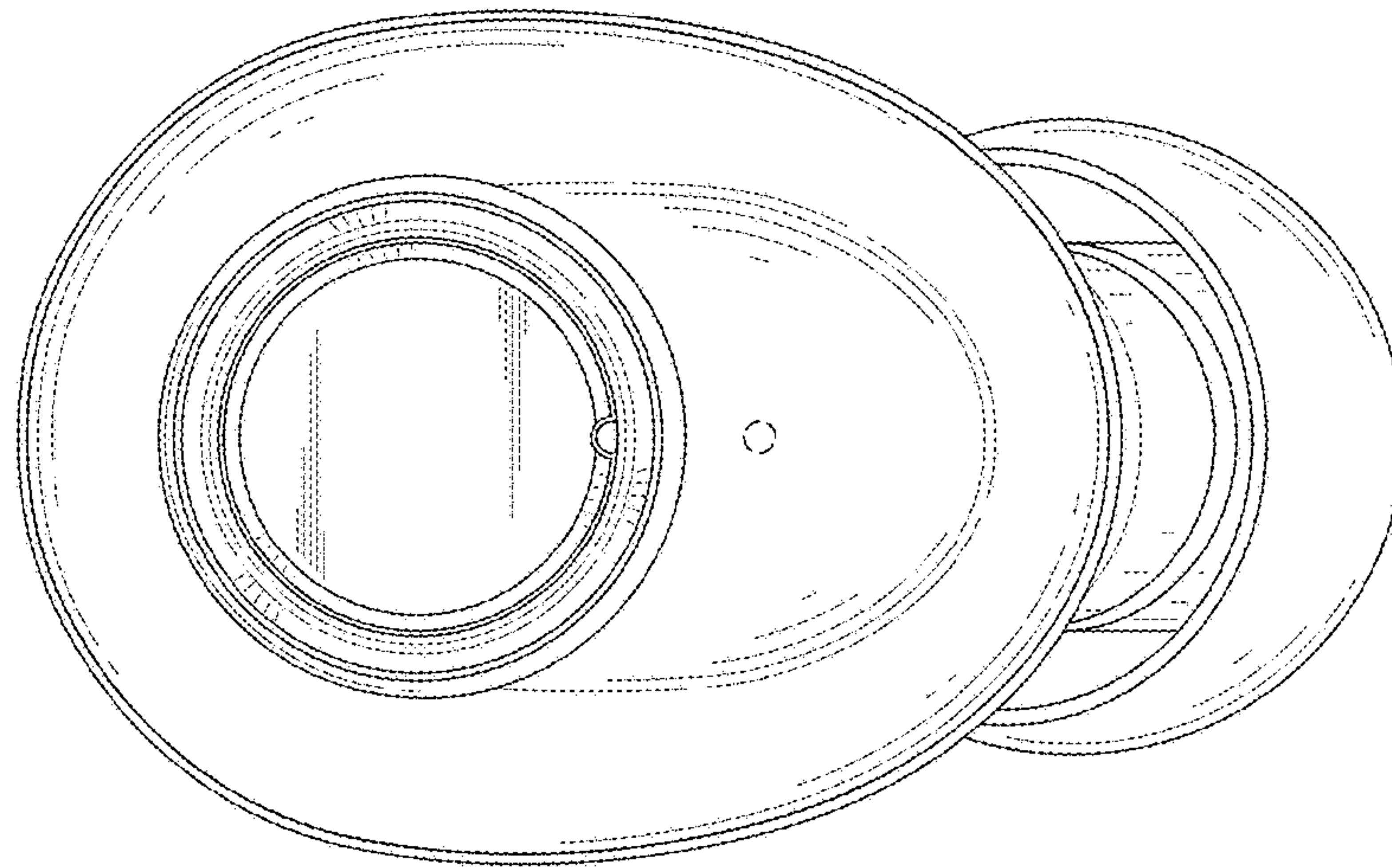


FIG. 4

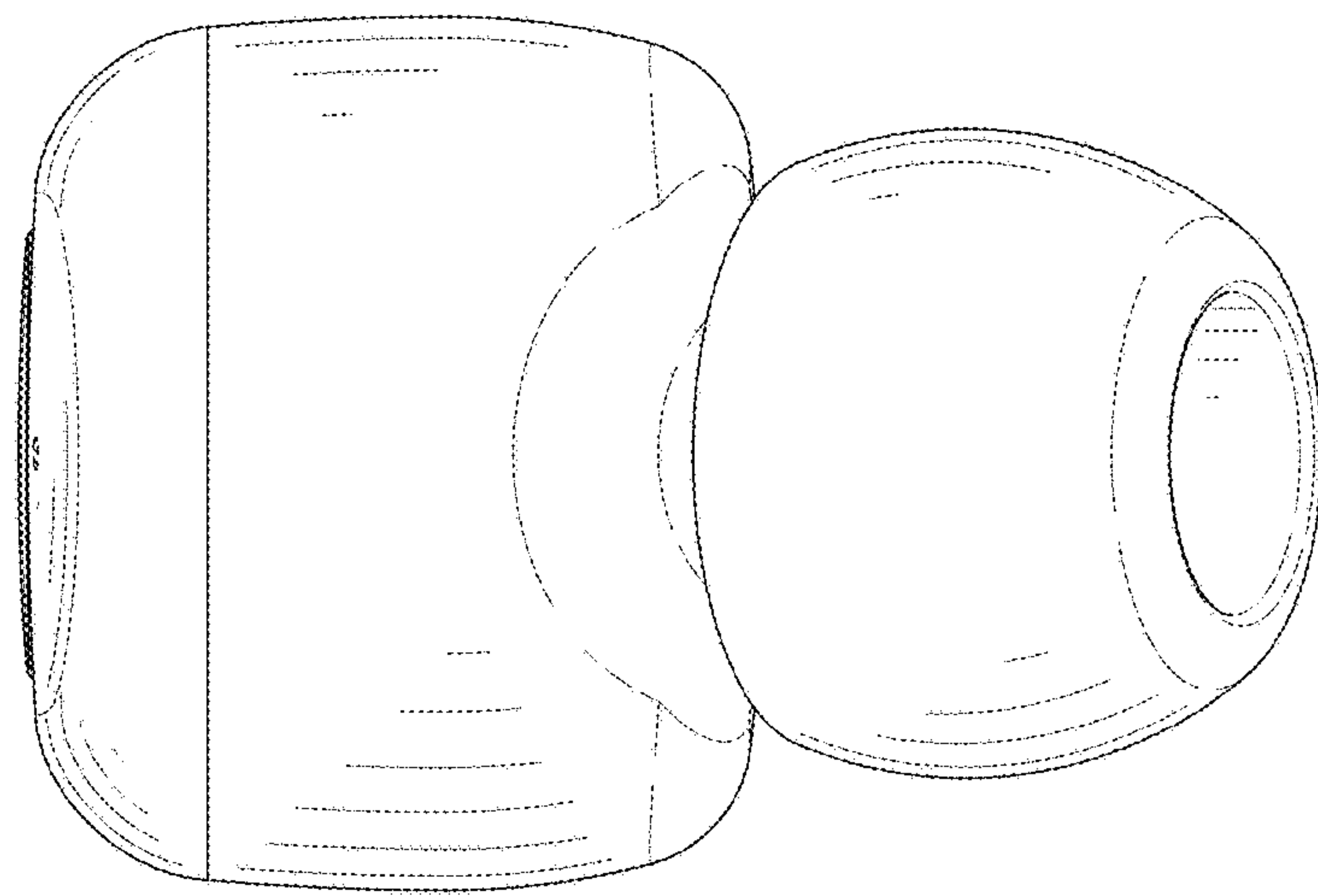


FIG. 5

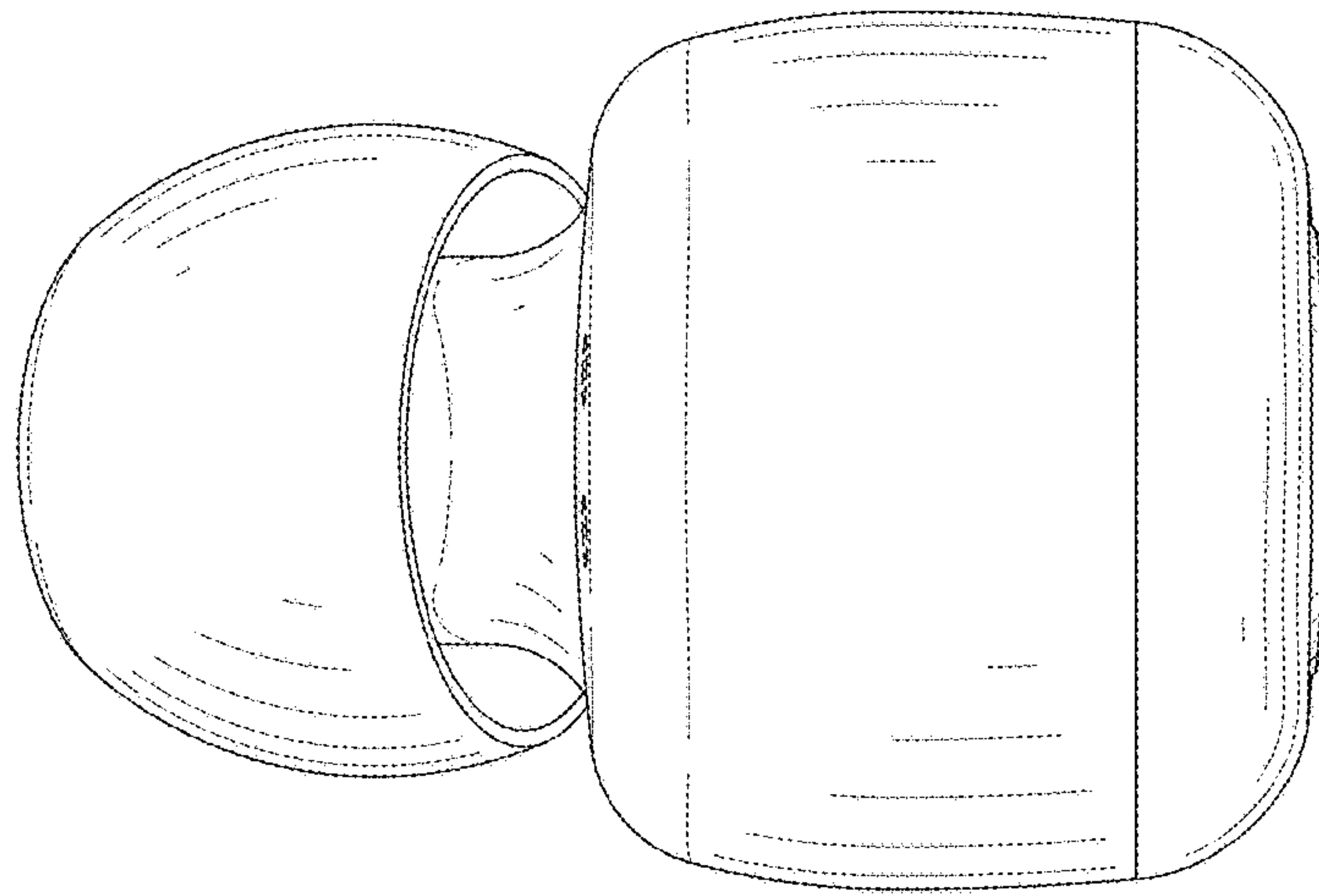


FIG. 6

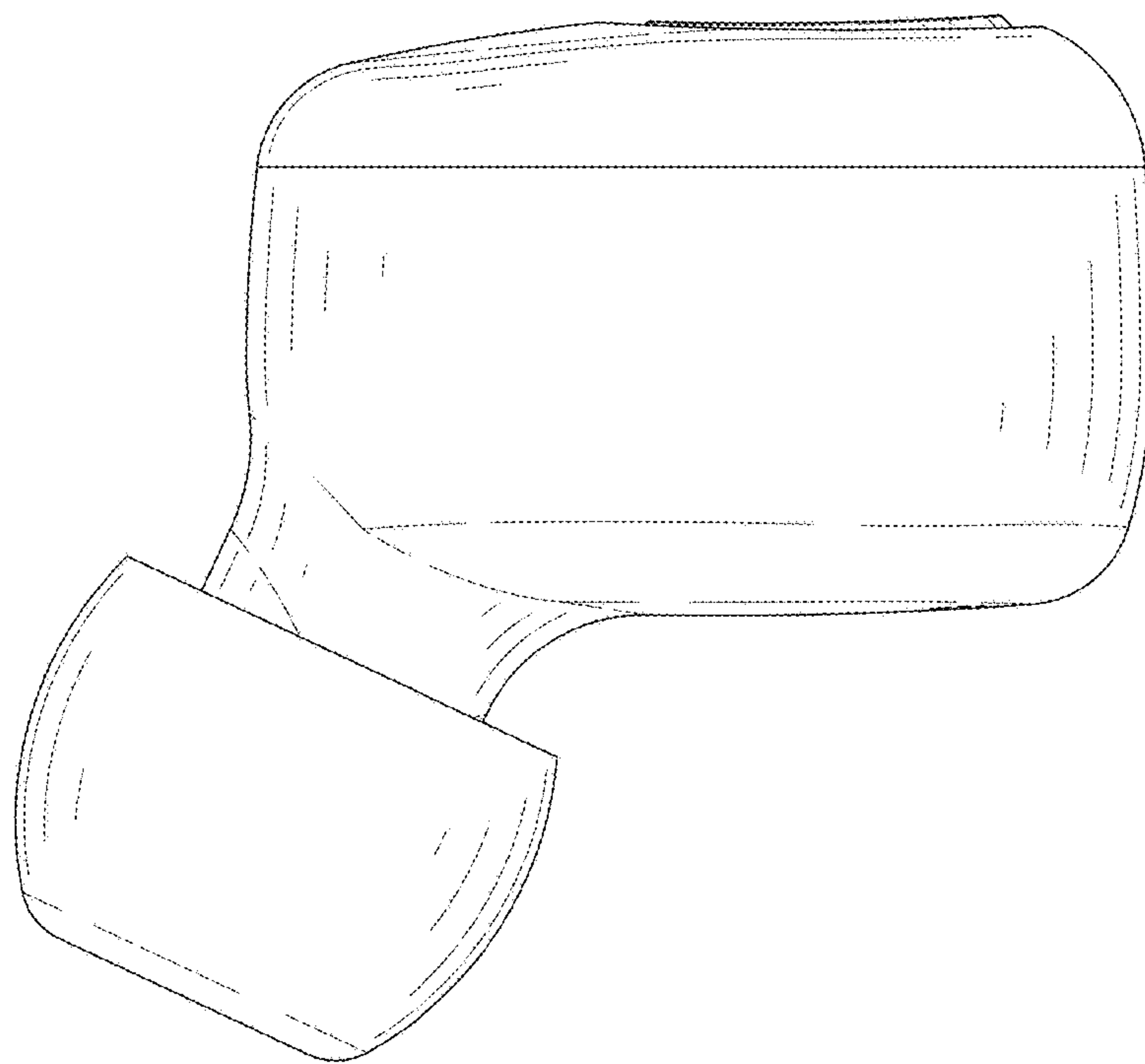


FIG. 7

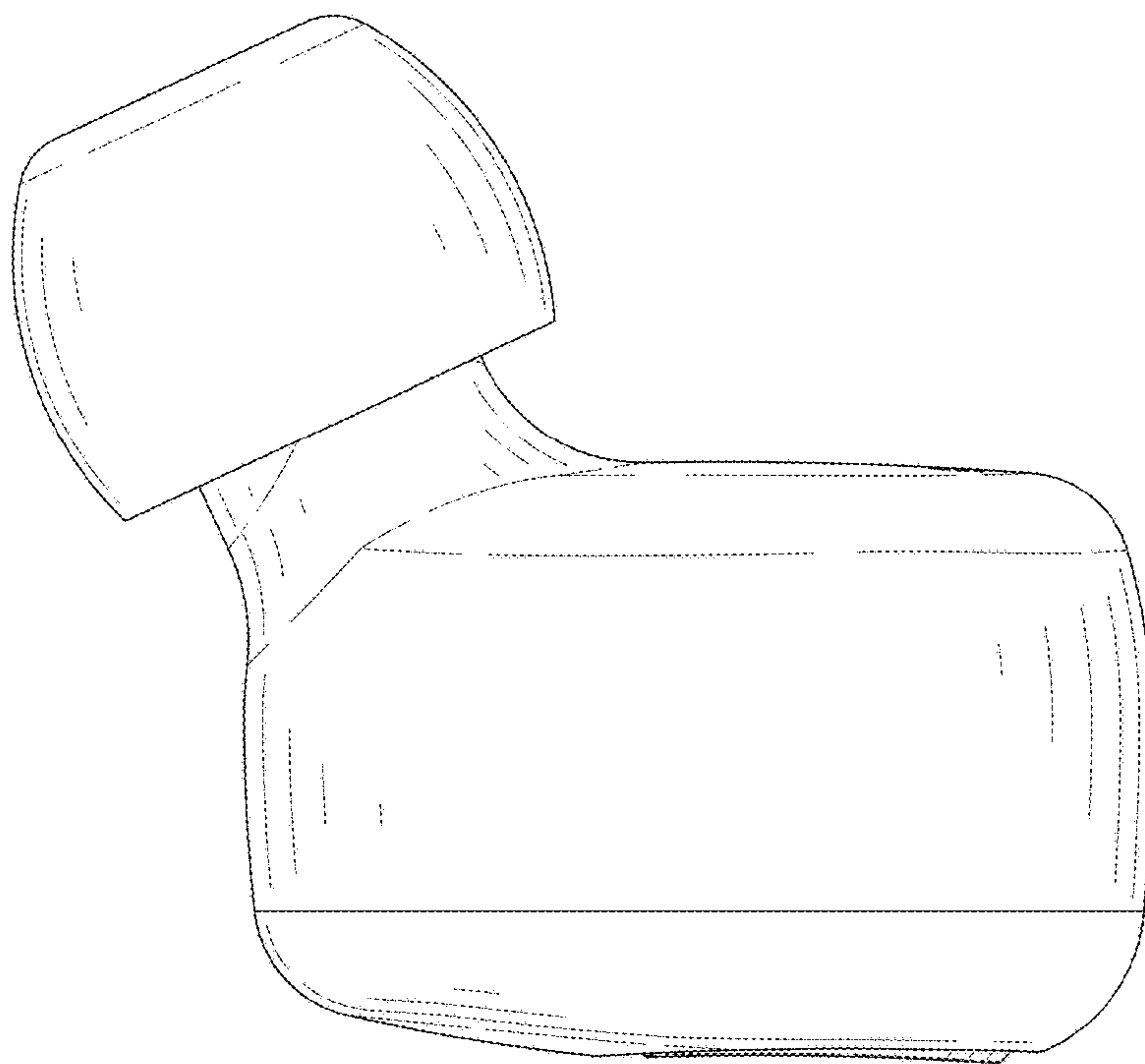


FIG. 8