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

(10) **Patent No.:** **US D963,155 S**

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- (54) **SWIMMING EARPLUGS**
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- D624,999 S * 10/2010 Turdjian A61F 11/08
D24/106
- D672,044 S * 12/2012 Larsen D24/174
- D687,021 S * 7/2013 Yuen D14/223
- 8,625,834 B2 * 1/2014 Smith H04R 1/1058
381/328
- D715,272 S * 10/2014 Burton D14/223
- D719,548 S * 12/2014 Thompson D14/223
- D746,792 S * 1/2016 Kim D14/223
- D758,355 S * 6/2016 Lee D14/223
- D763,224 S * 8/2016 Silvestri H04R 1/1058
D14/223

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

(Continued)

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FOREIGN PATENT DOCUMENTS

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **24-04**

(52) **U.S. Cl.**
USPC **D24/106; D14/223**

(58) **Field of Classification Search**
USPC D24/106, 174; D14/223, 205;
128/864–866; 381/380–381, 328, 311
CPC A61F 11/08; H04R 1/10; H04R 1/1066;
H04R 1/1016; H04R 5/033; H04R
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See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a swimming earplugs, as shown and described.

DESCRIPTION

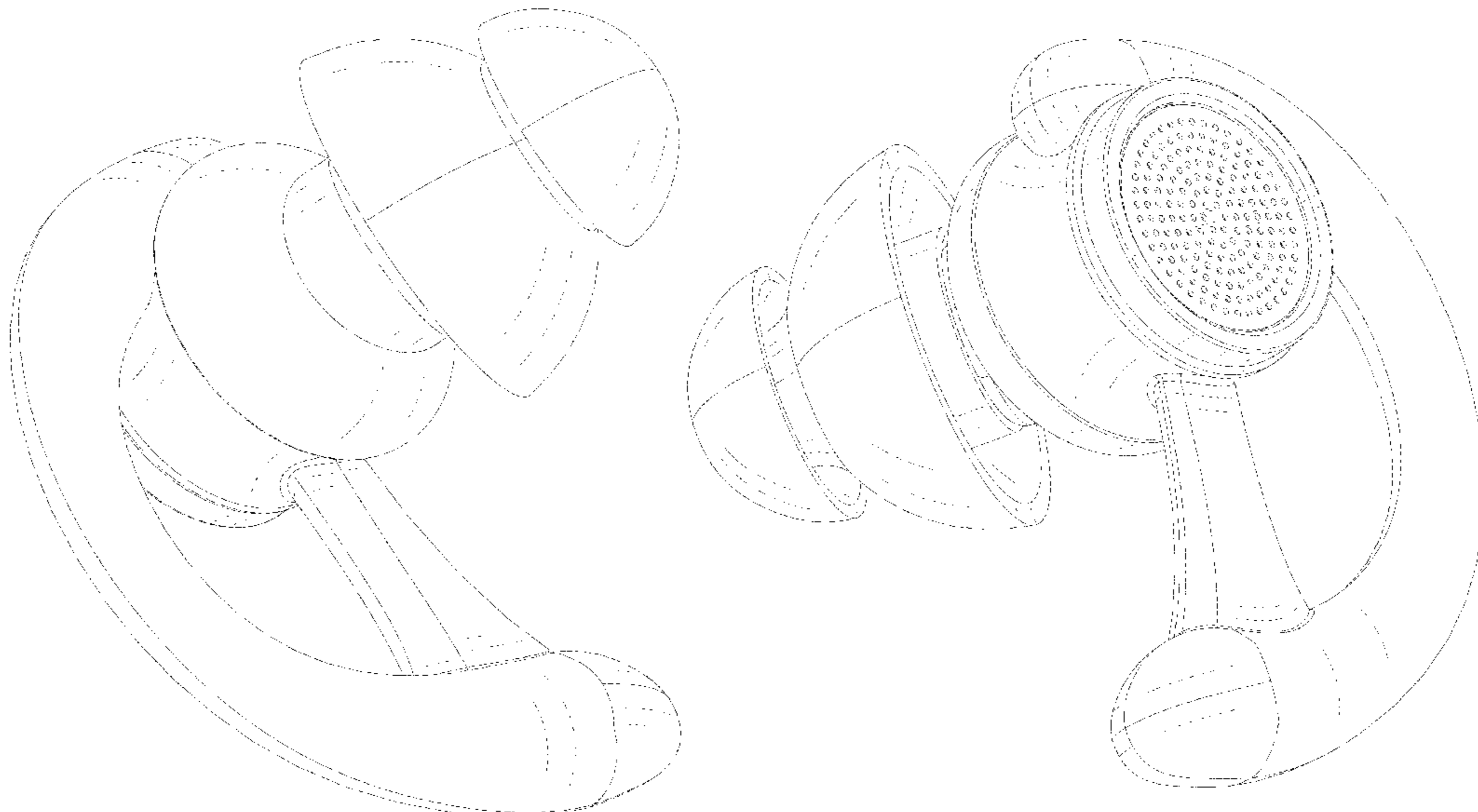
FIG. 1 is a left, front perspective view of a swimming earplugs showing my new design;
FIG. 2 is a bottom, rear perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left view thereof;
FIG. 6 is a right view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The broken lines shown on the drawings depict portions of the swimming earplugs that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,443,668 A * 4/1984 Warren H04R 1/1058
381/328
- D436,164 S * 1/2001 Foslien D24/106
- D468,301 S * 1/2003 Fushimi D14/223
- D468,728 S * 1/2003 Rath D14/206
- D478,573 S * 8/2003 Wrisley D14/223
- D494,268 S * 8/2004 Fleming A61F 11/08
D24/106
- D591,732 S * 5/2009 Burton D14/223

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D779,461 S * 2/2017 Smith D14/223
 D780,157 S * 2/2017 Ugglä D14/223
 9,788,099 B2 * 10/2017 Mainini H04R 25/658
 D806,059 S * 12/2017 Ott D14/223
 D813,373 S * 3/2018 Williams D24/106
 D828,825 S * 9/2018 Samrelius D14/223
 D835,259 S * 12/2018 Heikkilä A61F 11/08
 D24/106
 10,149,037 B1 * 12/2018 Chen H04R 1/105
 D838,693 S * 1/2019 Fu D14/223
 D847,124 S * 4/2019 Smith D14/223
 D872,065 S 1/2020 Cai
 D881,164 S * 4/2020 Luo D14/223
 D883,262 S * 5/2020 Wu D14/223
 D892,085 S * 8/2020 Kim D14/223
 D897,995 S * 10/2020 Duddy D14/223
 D900,995 S 11/2020 Fu
 D902,182 S * 11/2020 Wang D14/223
 D902,890 S * 11/2020 Williamson D14/223
 10,835,145 B1 * 11/2020 Prevoir A61B 5/6817
 D904,349 S * 12/2020 Saxton D14/223
 D906,293 S * 12/2020 Williamson D14/223
 D910,602 S * 2/2021 Feng D14/223
 D916,054 S * 4/2021 Sretovic D14/223
 D916,055 S 4/2021 Xiao
 D920,290 S * 5/2021 Schaal D14/223
 D920,292 S 5/2021 Ozawa et al.
 D921,614 S 6/2021 Yoshimura
 D930,619 S * 9/2021 Lindenberger D14/223
 D947,156 S * 3/2022 Prevoir D14/223
 D948,481 S * 4/2022 Czaniecki D14/223

2003/0081794 A1 * 5/2003 Fushimi H04R 1/1016
 381/74
 2005/0008180 A1 * 1/2005 Smith H04R 1/1016
 381/328
 2010/0278364 A1 * 11/2010 Berg H04R 1/1016
 381/311
 2011/0255729 A1 * 10/2011 Tan H04R 1/1016
 381/380
 2014/0286515 A1 * 9/2014 Bone H04R 1/1016
 381/328
 2016/0022498 A1 * 1/2016 Dittrich A61F 11/08
 128/864
 2017/0257714 A1 * 9/2017 Han H04R 1/105
 2018/0027318 A1 * 1/2018 Witt H04R 1/105
 381/182
 2018/0146280 A1 * 5/2018 Tang H04R 1/1091
 2018/0160216 A1 * 6/2018 Dominijanni H04R 1/1066
 2018/0215515 A1 * 8/2018 Cerveny B65D 47/0842
 2019/0371290 A1 * 12/2019 Zhu H04R 1/1083
 2020/0016006 A1 * 1/2020 Van Den Hout H04R 1/1058
 2020/0221201 A1 * 7/2020 Zalisk H04R 1/1016
 2021/0281939 A1 * 9/2021 Yuen H04R 1/105
 2022/0046370 A1 * 2/2022 Zucker H04R 25/652
 2022/0142819 A1 * 5/2022 Guo A61F 11/12

FOREIGN PATENT DOCUMENTS

CN 306405368 S 3/2021
 CN 306444787 S 4/2021
 CN 306543816 * 5/2021
 GB 6108784 * 12/2020
 KR 301086652.0000 * 12/2020

* cited by examiner

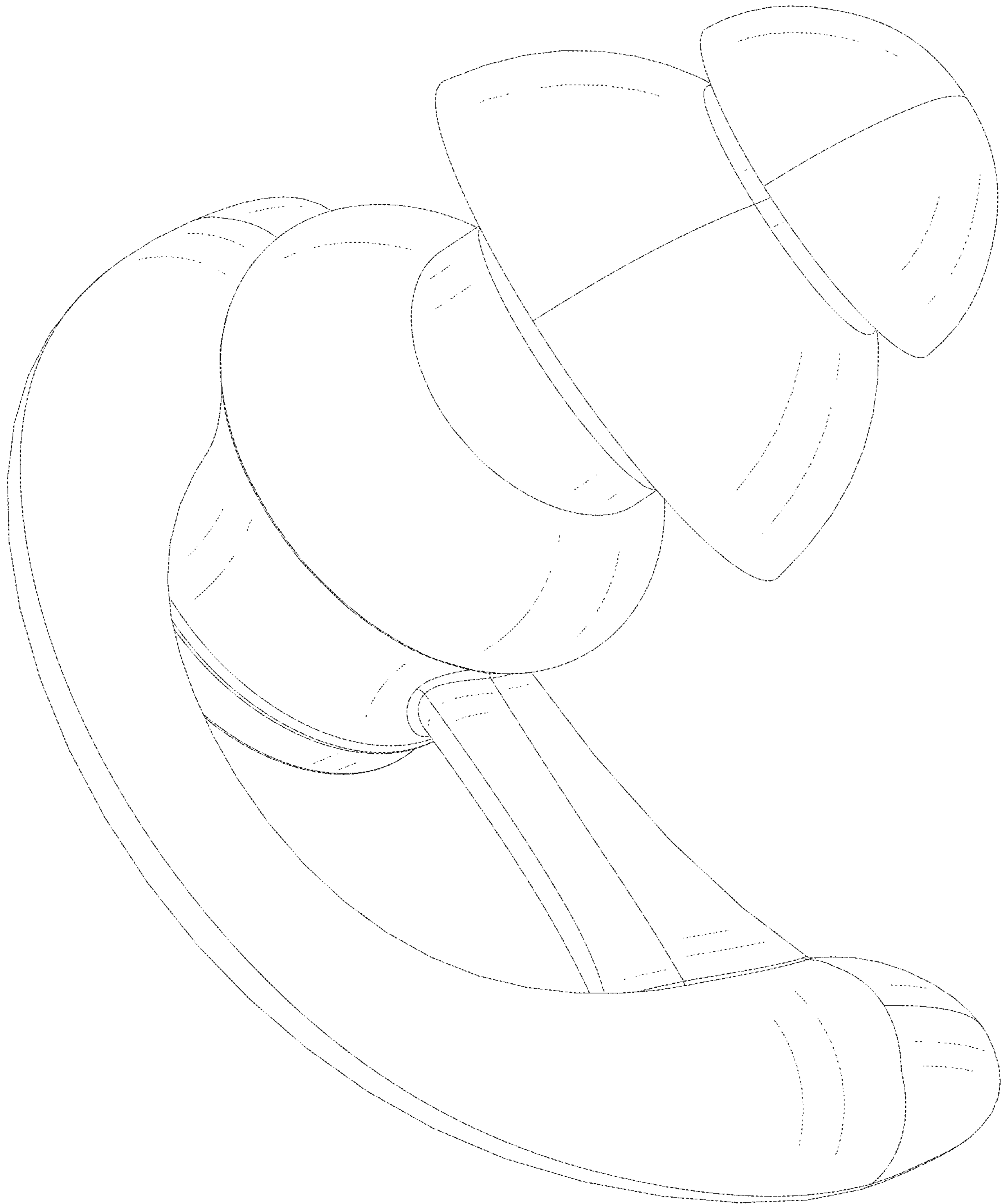


FIG. 1



FIG. 2

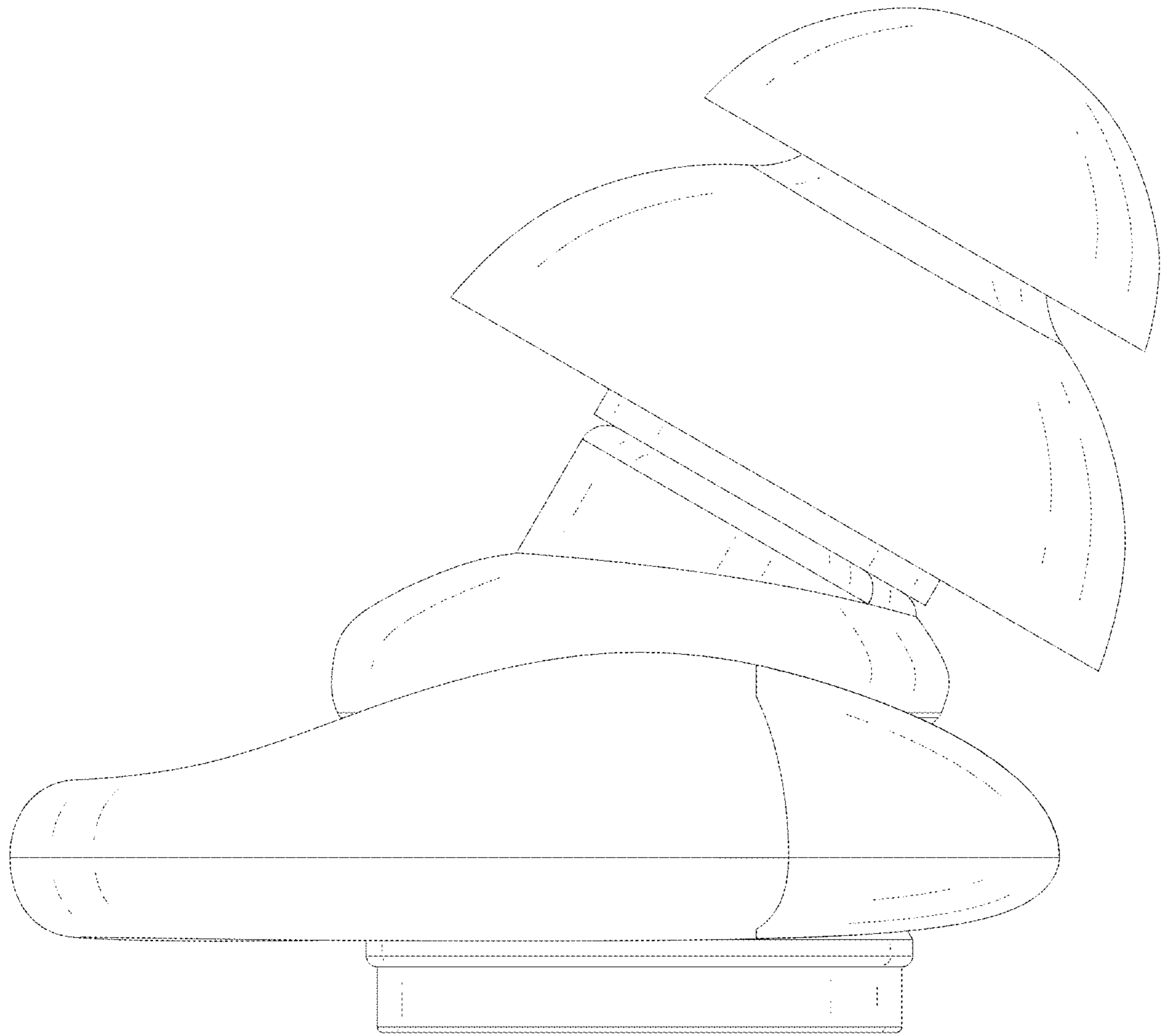


FIG. 3

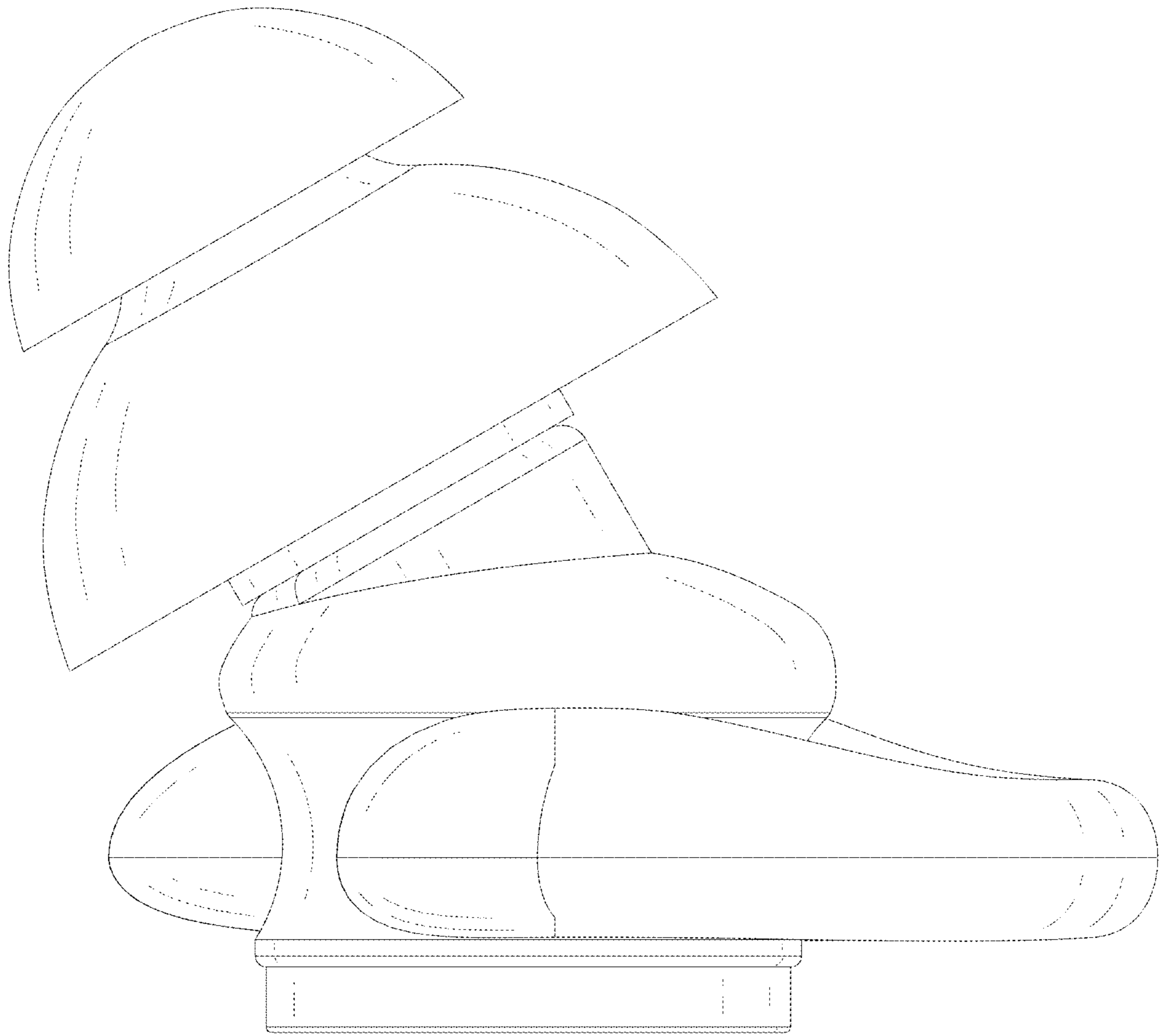


FIG. 4

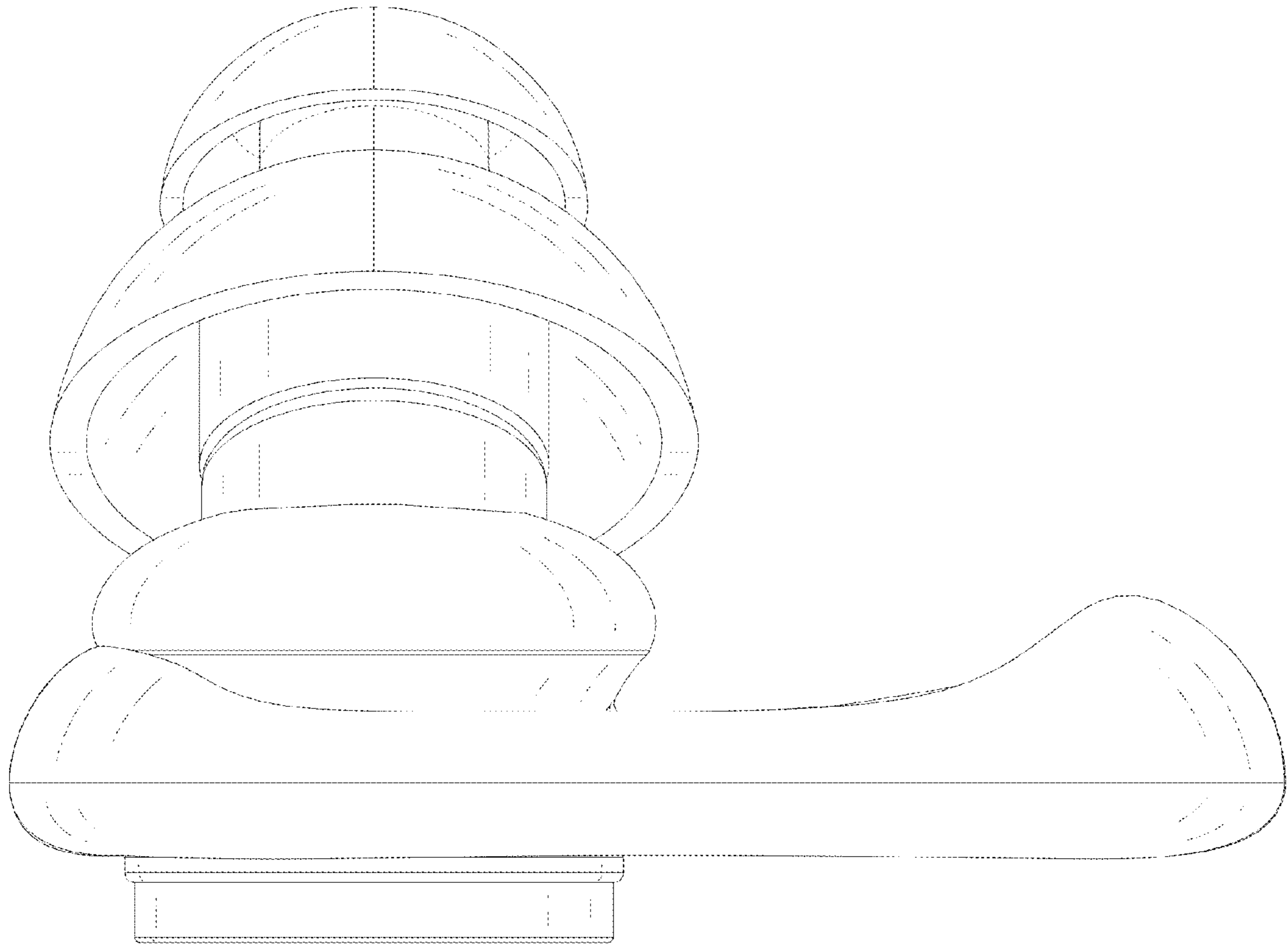


FIG. 5

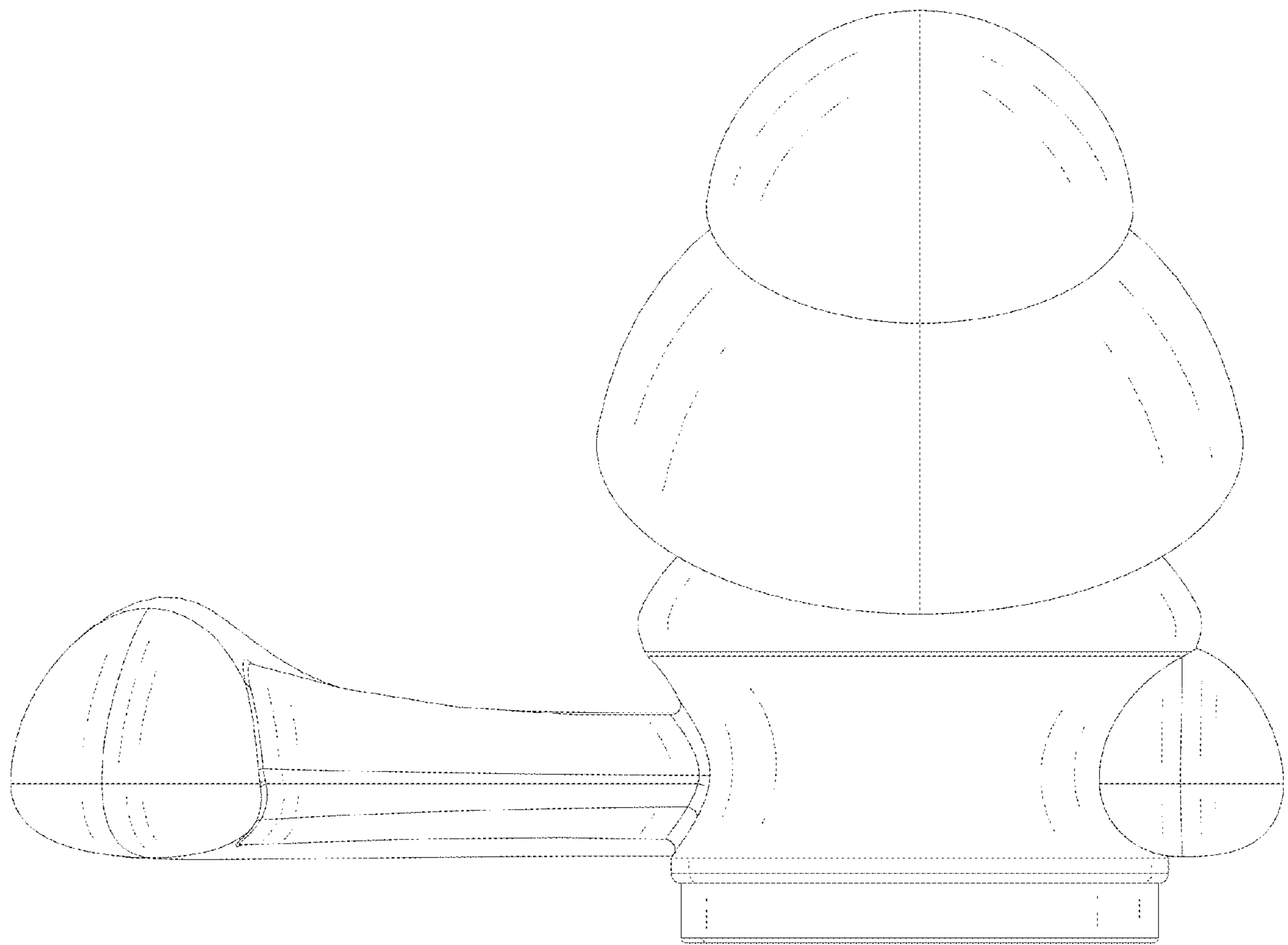


FIG. 6

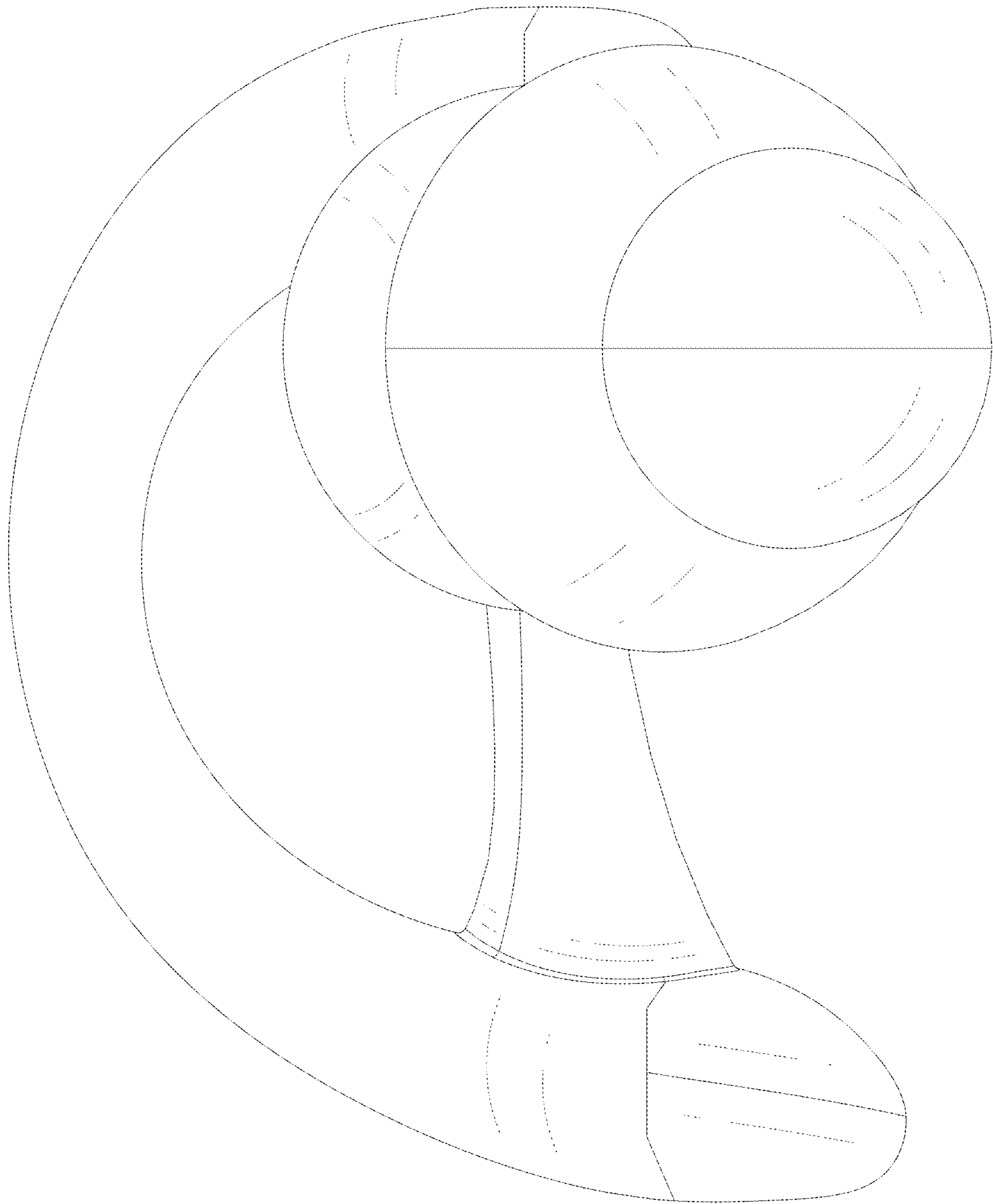


FIG. 7

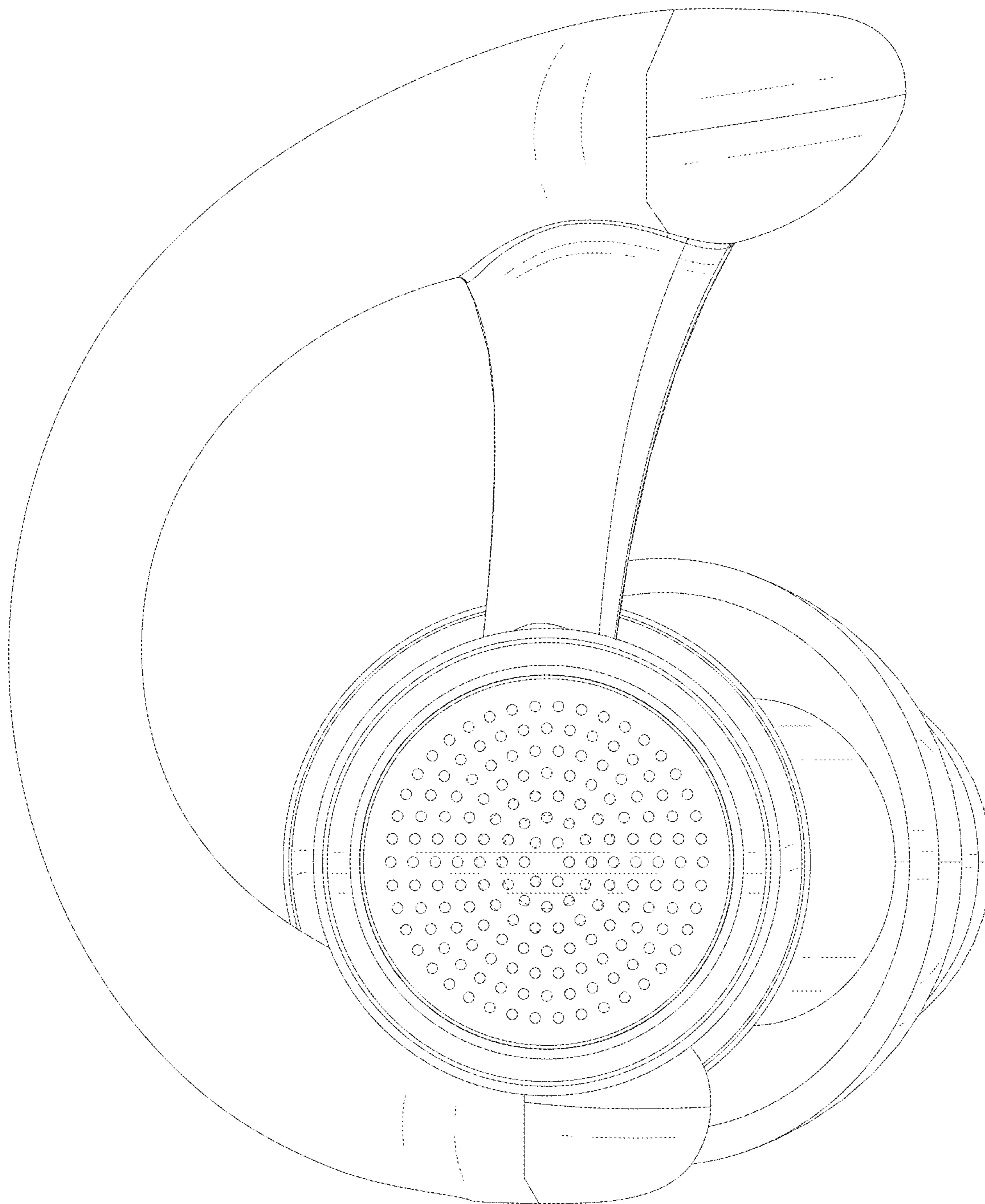


FIG. 8