



US00D963155S

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

(10) **Patent No.:** **US D963,155 S**  
(45) **Date of Patent:** **\*\* Sep. 6, 2022**

(54) **SWIMMING EARPLUGS**  
(71) Applicant: **Shenzhen Taipuda Technology Co., Ltd.**, Guangdong (CN)  
(72) Inventor: **Dehua Guo**, Guangdong (CN)  
(73) Assignee: **Shenzhen Taipuda Technology Co., Ltd.**, Shenzhen (CN)

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)

(21) Appl. No.: **29/806,020**

**FOREIGN PATENT DOCUMENTS**

(22) Filed: **Aug. 31, 2021**

CN 305761041 S 5/2020  
CN 305998816 S 8/2020

(30) **Foreign Application Priority Data**

(Continued)

Aug. 2, 2021 (CN) ..... 202130496392.6

(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  
5/0335; H04R 1/105; H04R 1/1083  
See application file for complete search history.

*Primary Examiner* — Paula Allen Greene  
(74) *Attorney, Agent, or Firm* — Dragon Sun Law Firm,  
PC; Jinggao Li, Esq.; Nathaniel Perkins

(57) **CLAIM**

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

**DESCRIPTION**

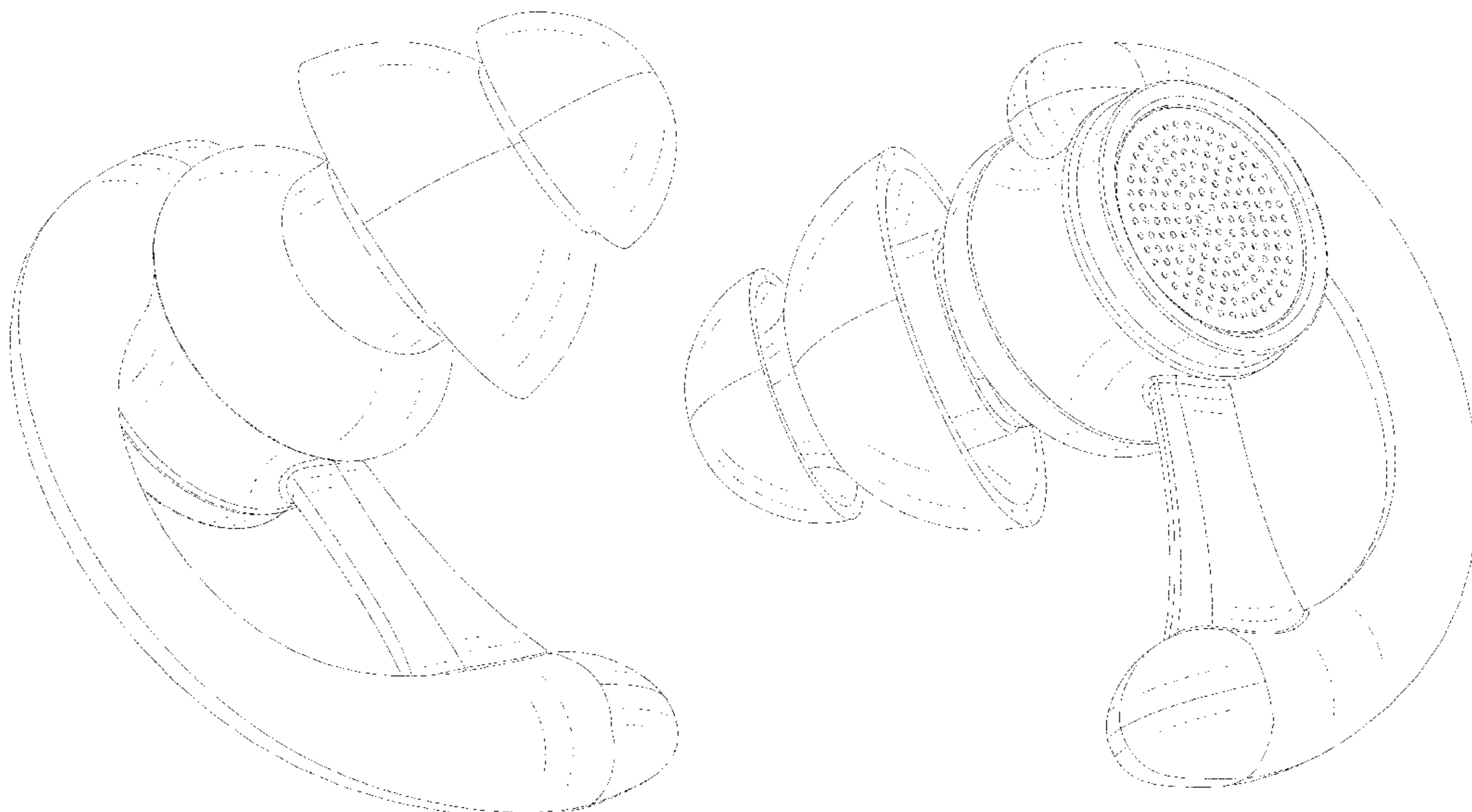
FIG. 1 is a left, front perspective view of a swimming earplugs showing my new design;  
FIG. 2 is a bottom, rear perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left view thereof;  
FIG. 6 is a right view thereof;  
FIG. 7 is a top view thereof; 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

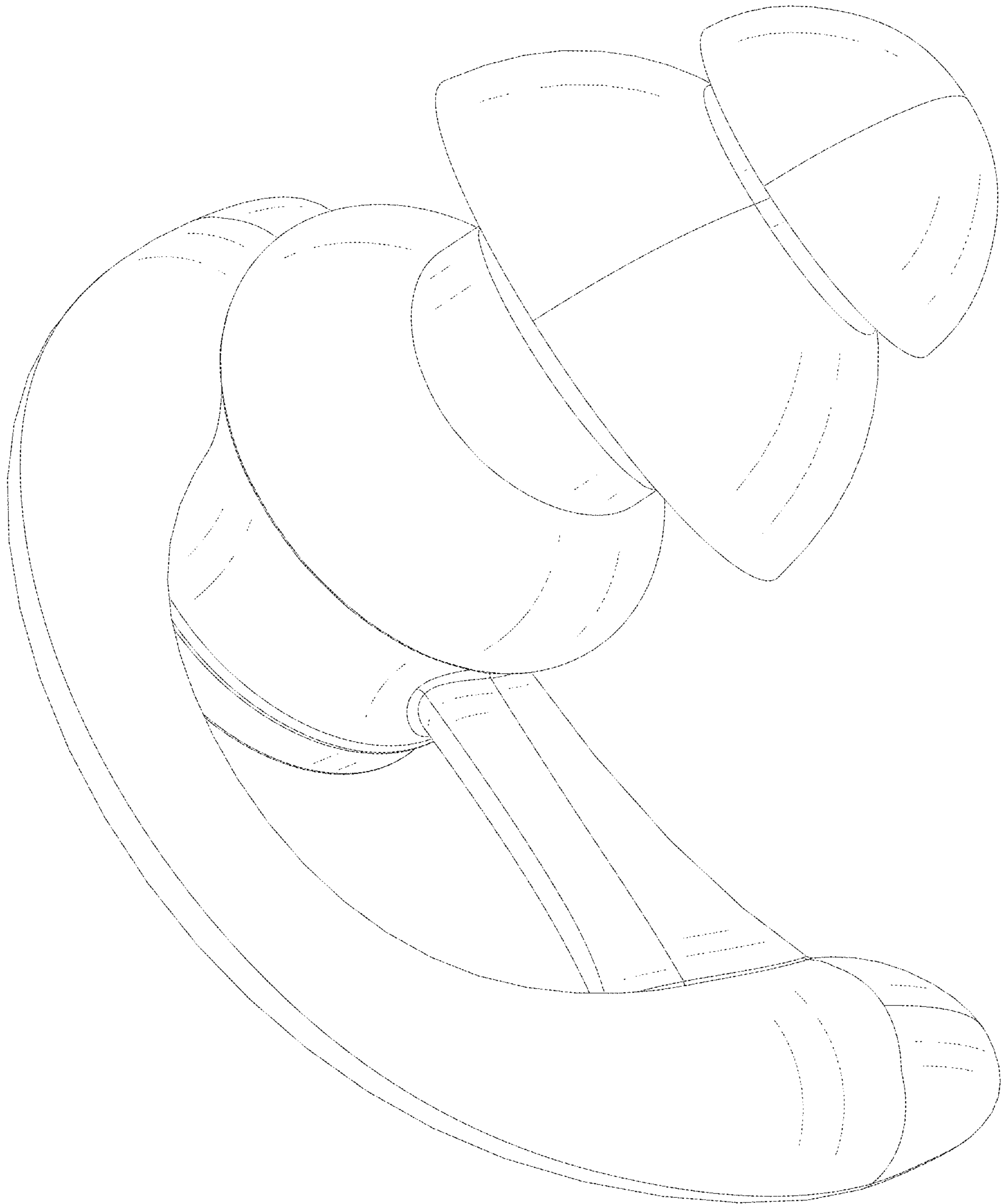


FIG. 1



FIG. 2

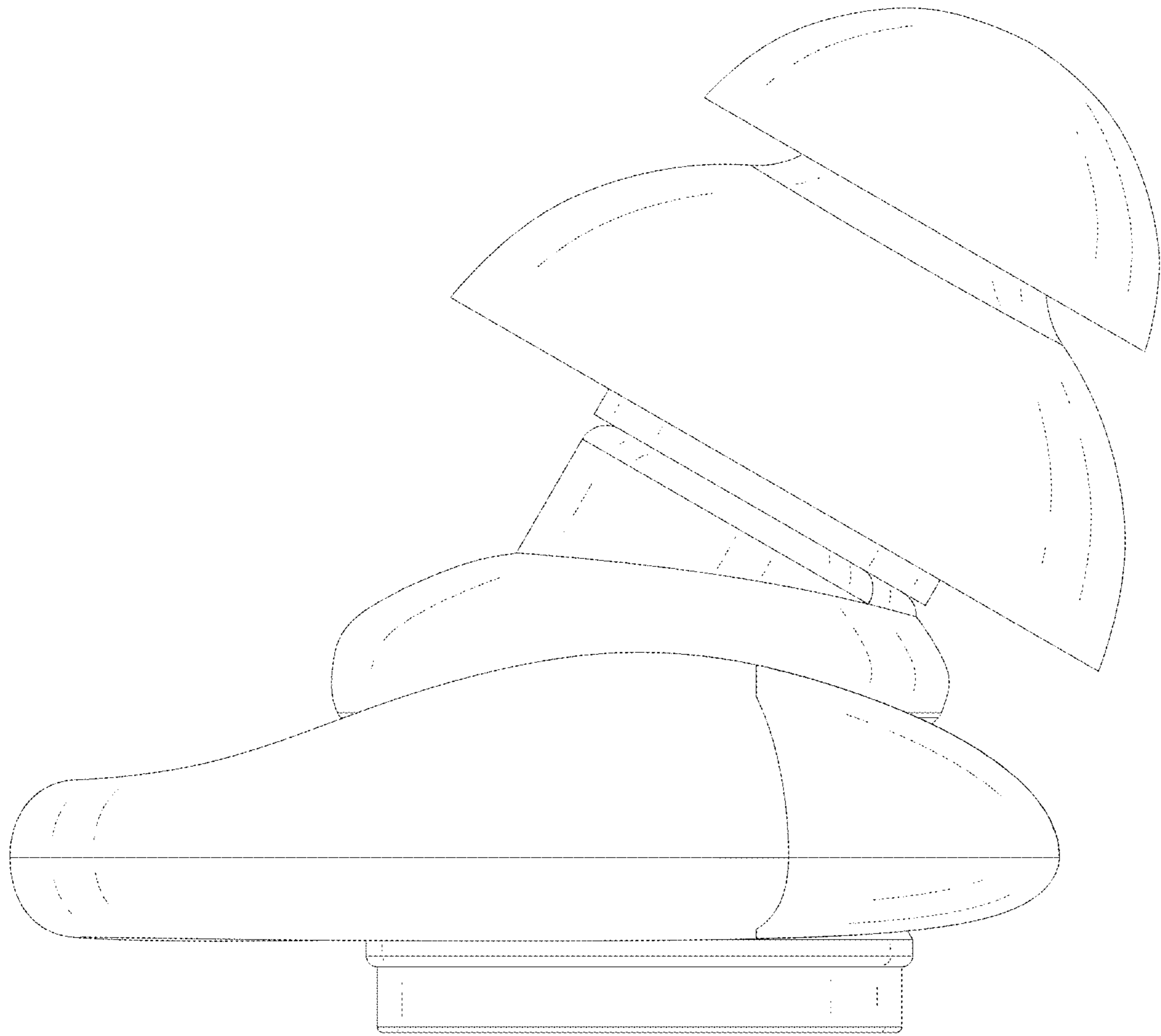


FIG. 3

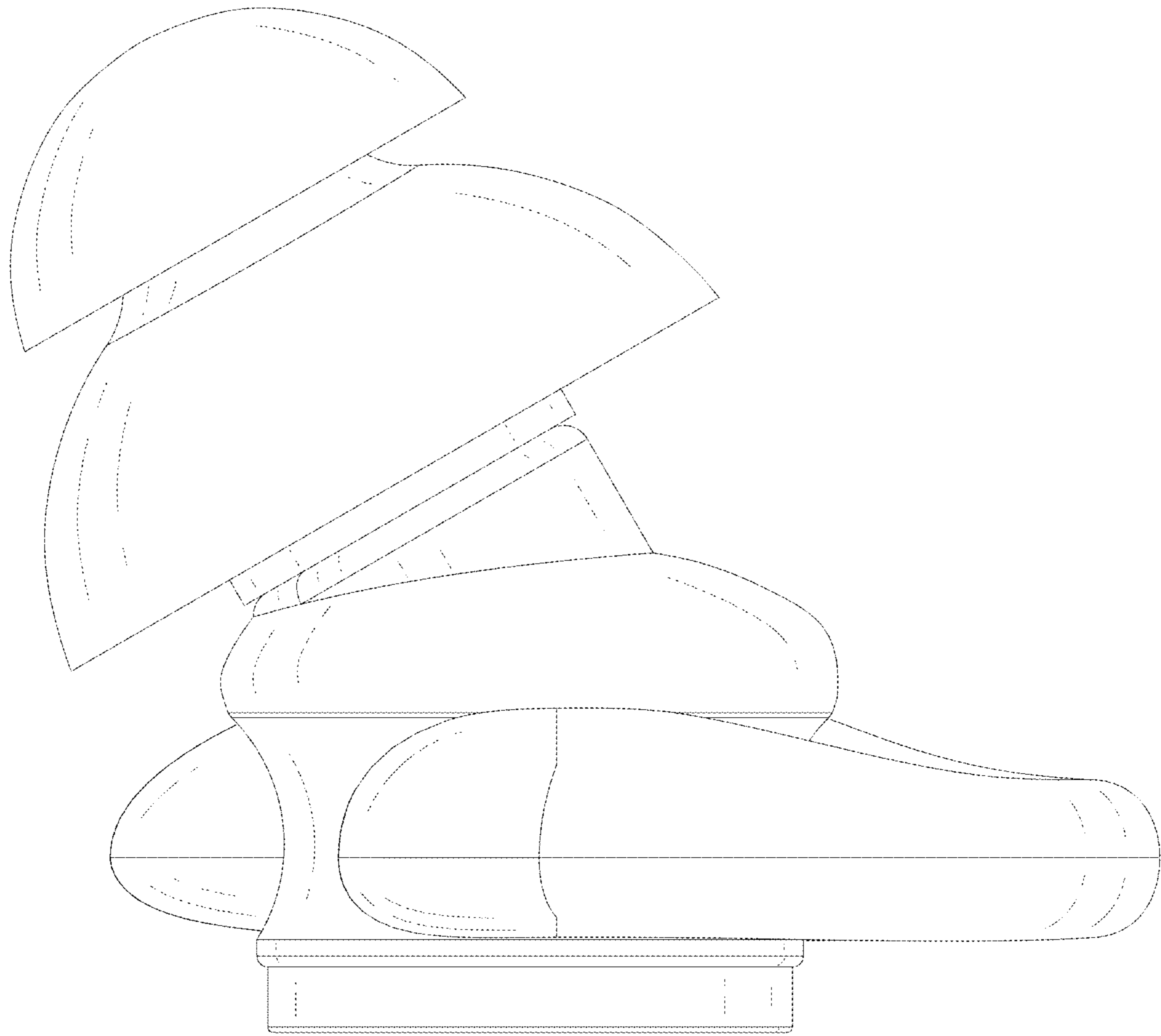


FIG. 4

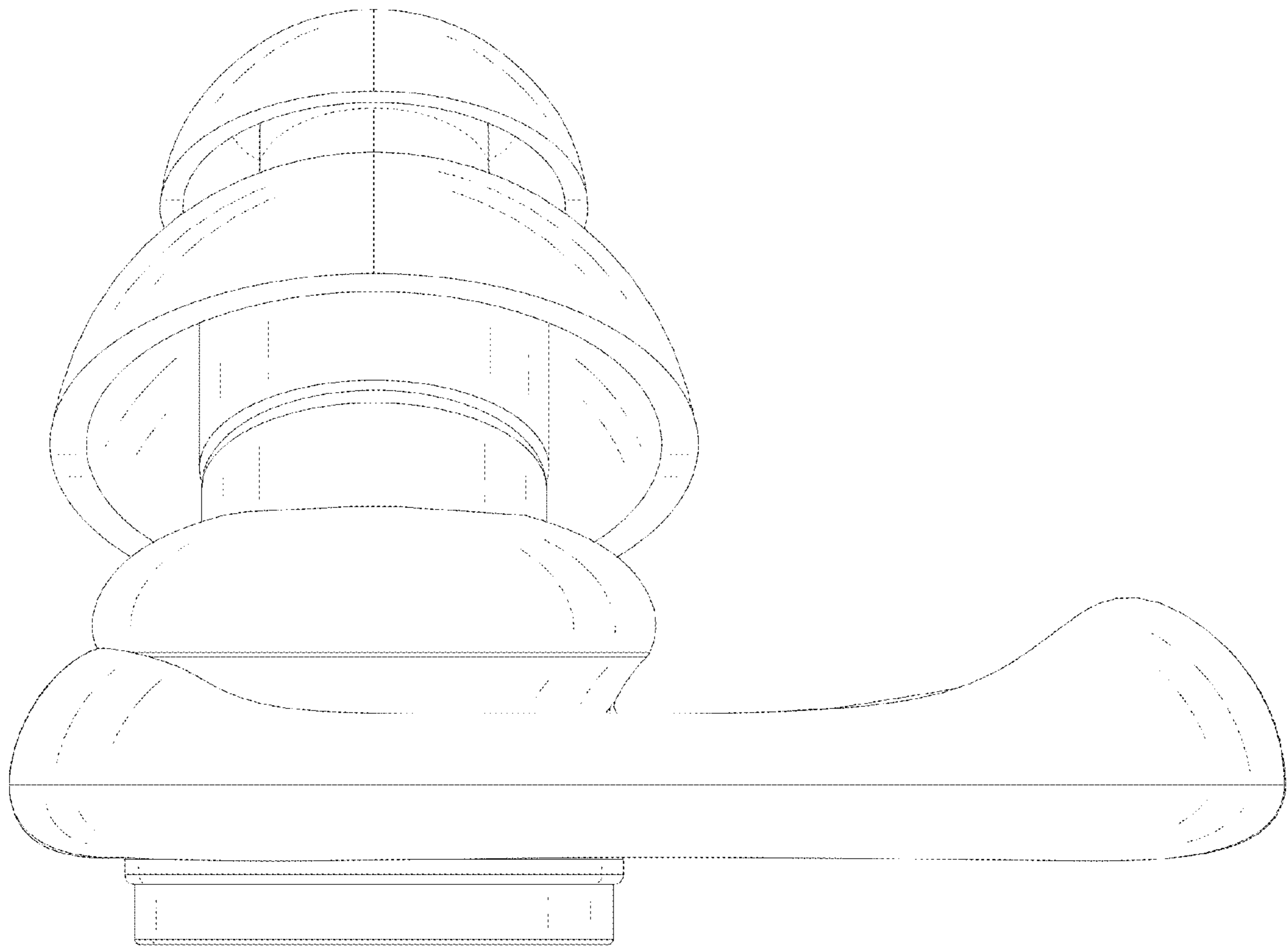


FIG. 5

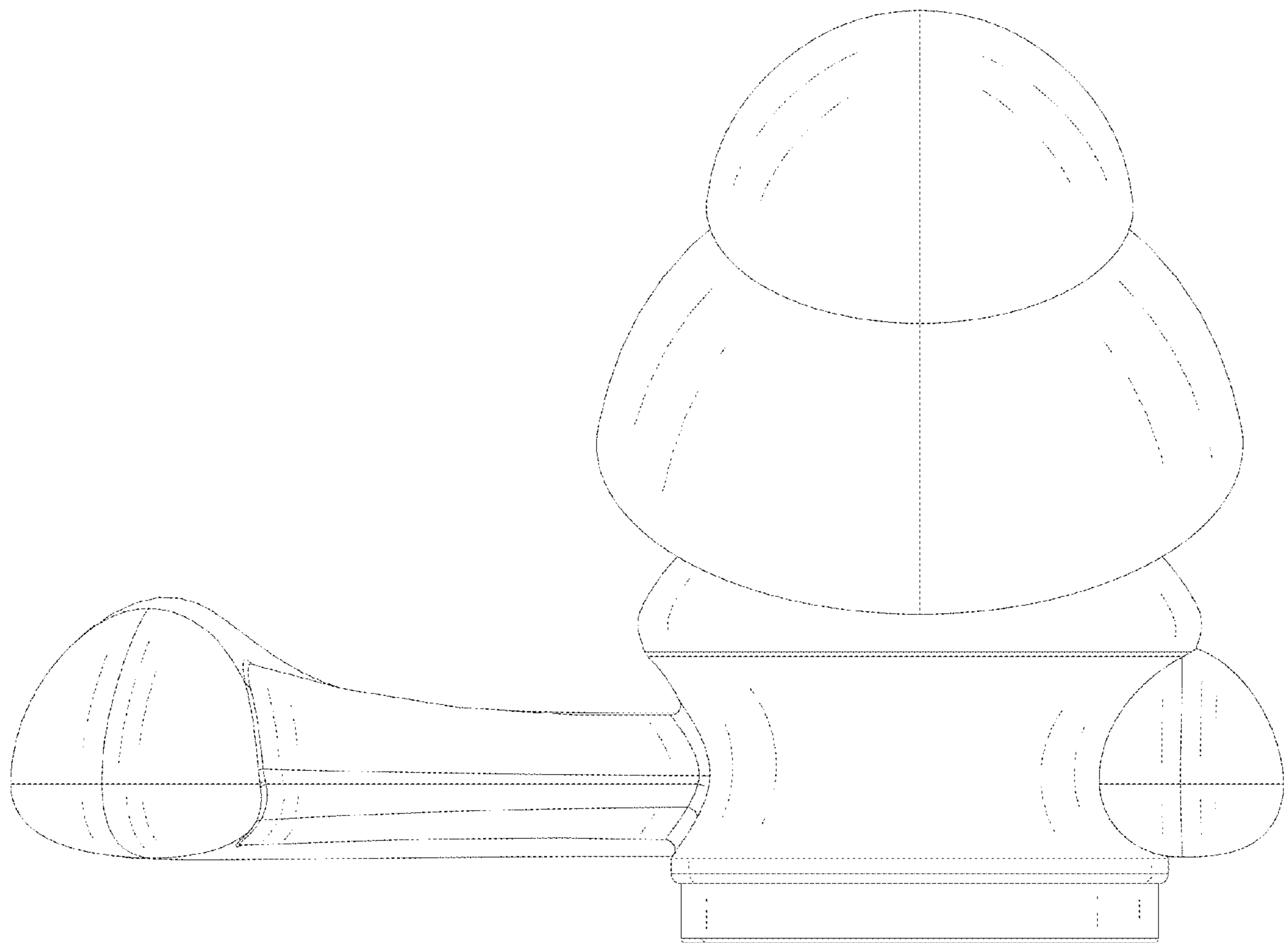


FIG. 6



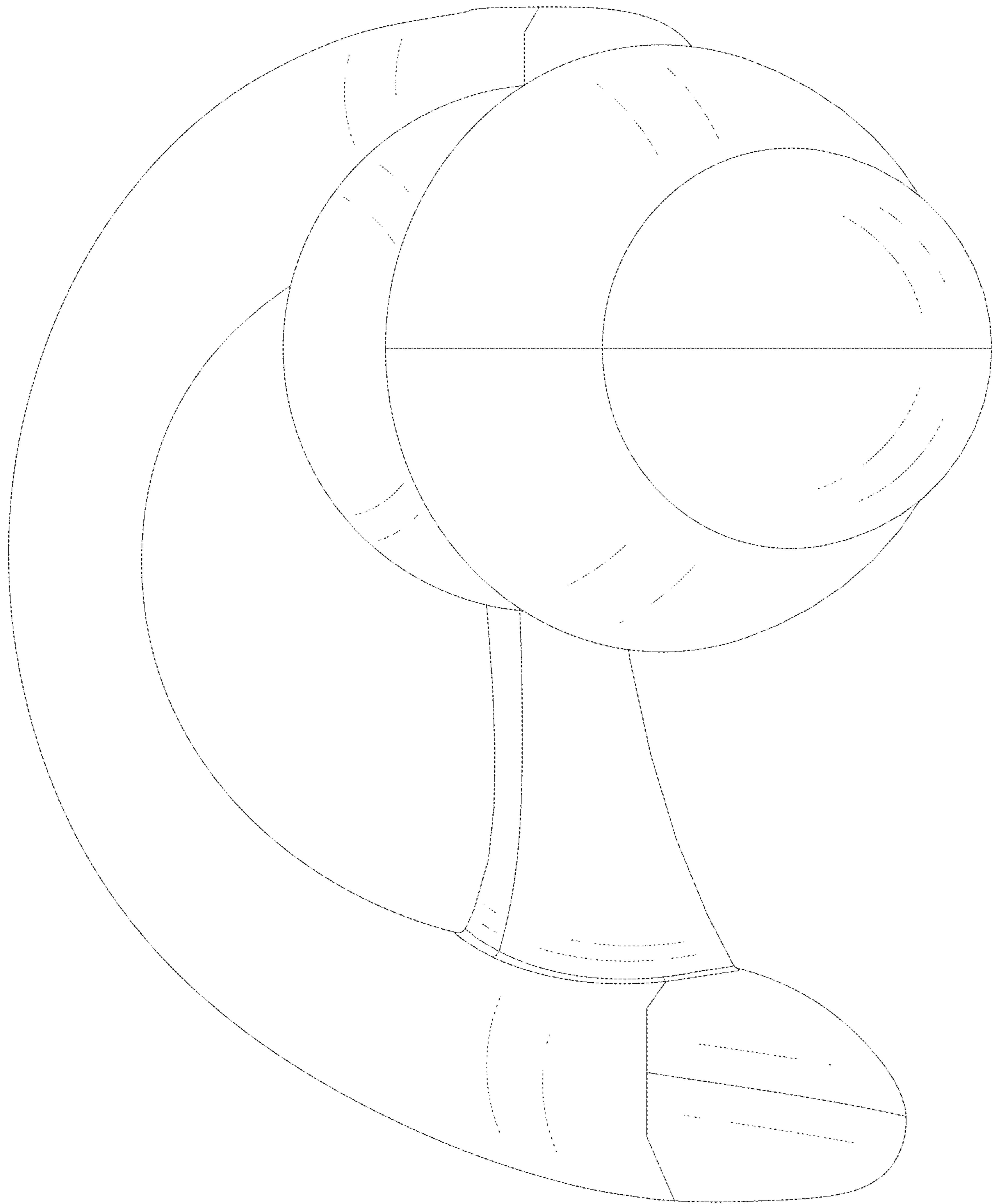


FIG. 7

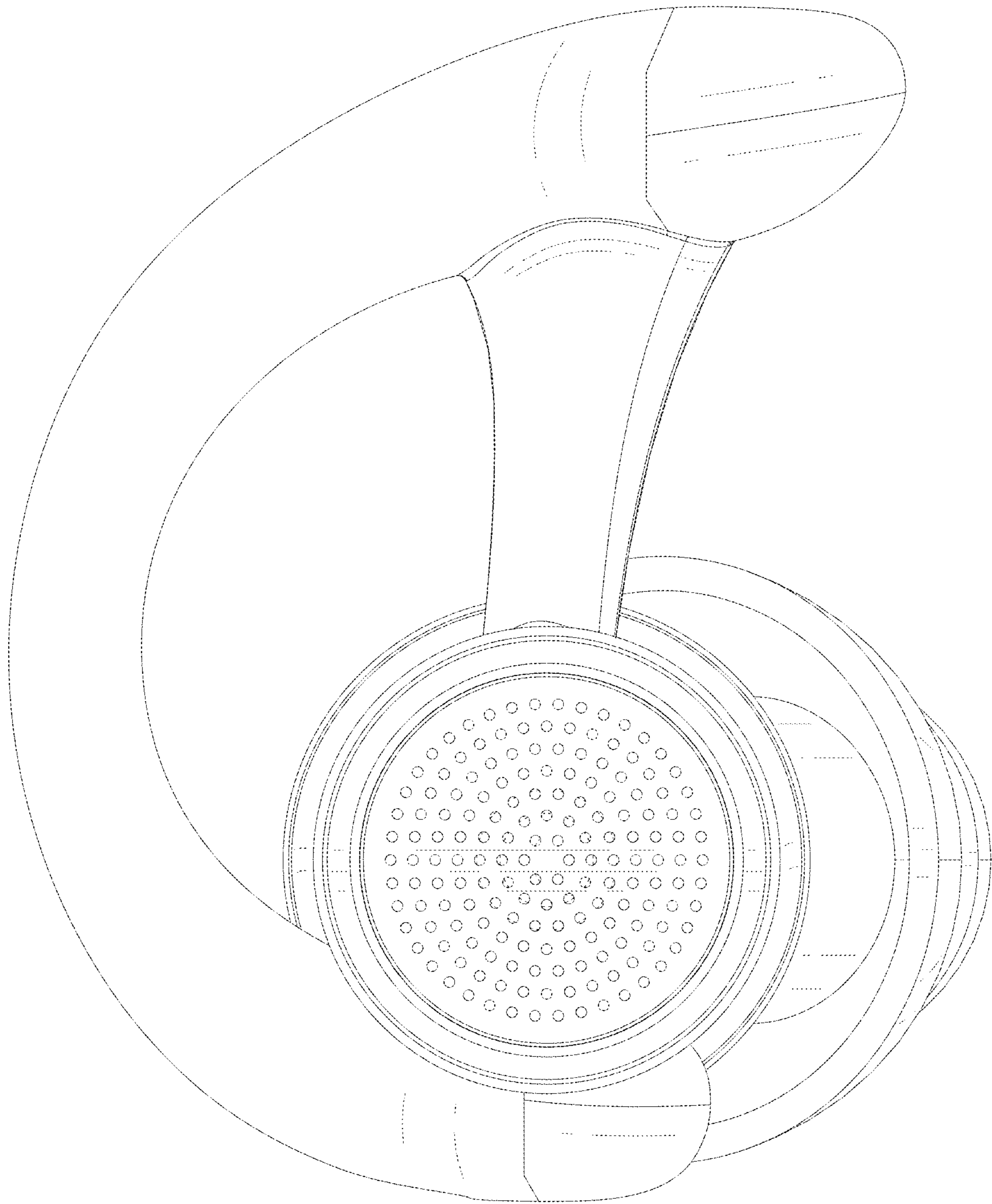


FIG. 8