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(12) **United States Design Patent** (10) **Patent No.:** **US D951,916 S**  
**Yang** (45) **Date of Patent:** **\*\* May 17, 2022**

(54) **EARPHONE**  
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8,391,536 B2 \* 3/2013 Hashimoto ..... H04R 1/1016  
381/370  
D725,082 S \* 3/2015 Palmborg ..... D14/223  
8,983,108 B2 \* 3/2015 Ho ..... H04R 1/1058  
381/328  
D742,861 S \* 11/2015 Miyake ..... D14/223  
D764,445 S \* 8/2016 Czaniecki ..... D14/223  
D777,710 S \* 1/2017 Palmborg ..... D14/223  
D781,269 S \* 3/2017 Choe ..... D14/223  
D782,998 S \* 4/2017 Shin ..... D14/205  
D783,578 S \* 4/2017 Bristol ..... D14/223  
D800,097 S \* 10/2017 Chen ..... D14/223  
D805,060 S \* 12/2017 Loermann ..... D14/223  
D806,879 S \* 1/2018 Horbinski ..... D24/174  
D808,934 S \* 1/2018 Tang ..... D14/223

(Continued)

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See application file for complete search history.

**FOREIGN PATENT DOCUMENTS**

EM 007409982-0001 \* 12/2019  
EM 008274625-0001 \* 11/2020

(Continued)

*Primary Examiner* — Paula Allen Greene

(57) **CLAIM**

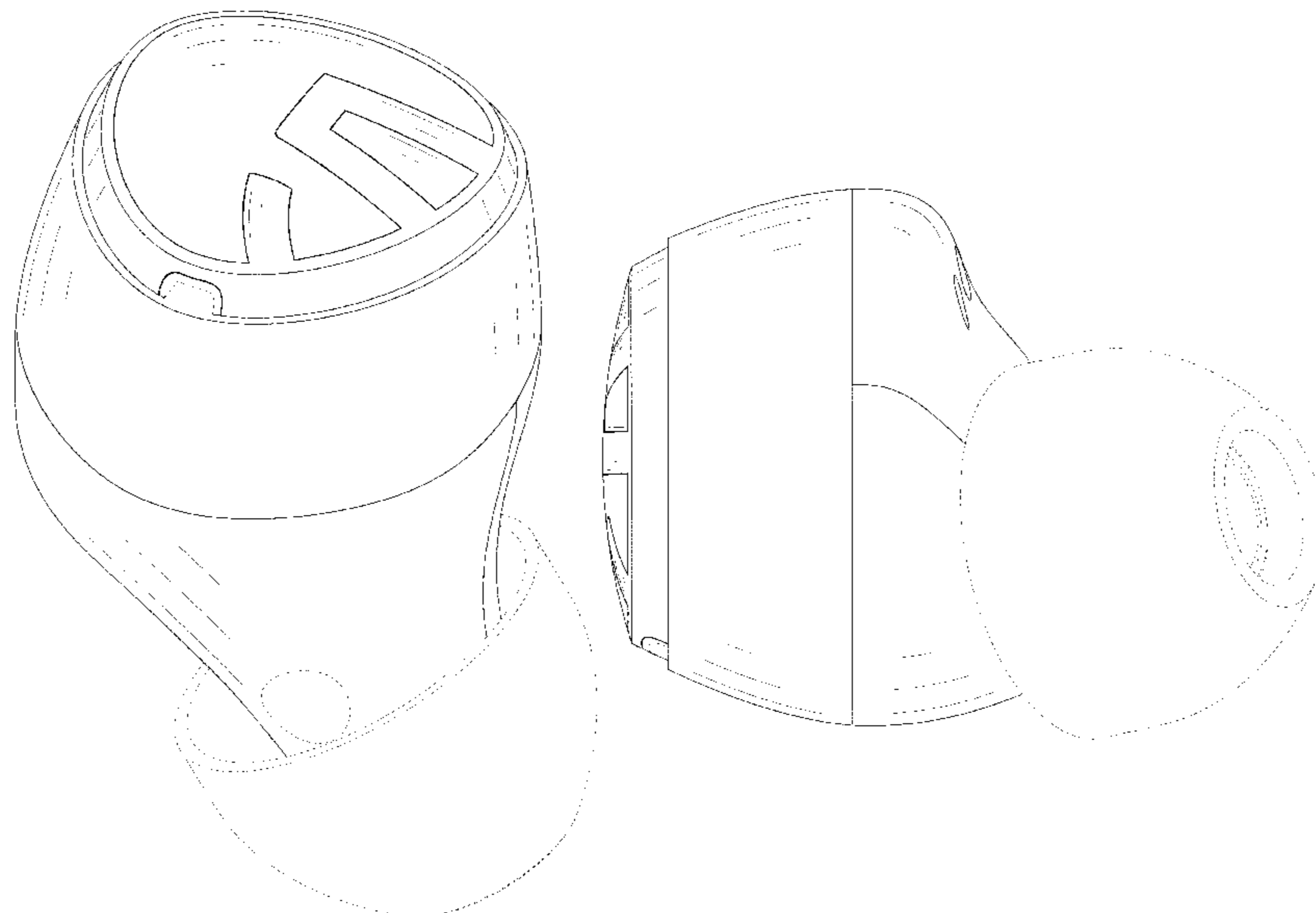
The ornamental design for an earphone, as shown and described.

**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 depict portions of the earphone that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D408,414 S \* 4/1999 Stead ..... D14/219  
6,493,453 B1 \* 12/2002 Glendon ..... H04R 23/008  
381/328  
D508,199 S \* 8/2005 Winig ..... D8/356  
7,092,543 B1 \* 8/2006 Mahoney ..... H04R 25/65  
381/328  
D550,657 S \* 9/2007 Gan ..... D14/223



(56)

References Cited

U.S. PATENT DOCUMENTS

D810,054 S \* 2/2018 Yuan ..... D14/223  
 D812,042 S \* 3/2018 Xiao ..... D14/223  
 D813,206 S \* 3/2018 Tang ..... D14/223  
 D813,848 S \* 3/2018 Palmborg ..... D14/223  
 D817,309 S \* 5/2018 Czaniecki ..... D14/223  
 D818,990 S \* 5/2018 Tzeng ..... D14/223  
 D841,626 S \* 2/2019 Tang ..... D14/223  
 D841,627 S \* 2/2019 Wen ..... D14/223  
 D843,353 S \* 3/2019 Zhang ..... D14/223  
 D843,354 S \* 3/2019 Kumano ..... D14/223  
 D845,926 S \* 4/2019 Aoyagi ..... D14/205  
 D845,932 S \* 4/2019 Lu ..... D14/223  
 D846,532 S \* 4/2019 Xiao ..... D14/223  
 D847,126 S \* 4/2019 Loermann ..... D14/223  
 D851,072 S \* 6/2019 McNamara ..... D14/223  
 D852,782 S \* 7/2019 Bergman ..... D14/223  
 D855,589 S \* 8/2019 Madsen ..... D14/223  
 D858,489 S \* 9/2019 Hu ..... D14/223  
 D862,422 S \* 10/2019 Lindenberger ..... D14/223  
 D863,263 S \* 10/2019 Yu ..... D14/223  
 D864,167 S \* 10/2019 Wu ..... D14/223  
 D868,750 S \* 12/2019 Zheng ..... D14/223  
 D868,752 S \* 12/2019 Zhu ..... D14/223  
 D870,707 S \* 12/2019 Yang ..... D14/223  
 D871,376 S \* 12/2019 Zhou ..... D14/223  
 10,516,934 B1 \* 12/2019 Solbach ..... H04R 1/1083  
 D872,064 S \* 1/2020 Cai ..... D14/223  
 D873,248 S \* 1/2020 Weicheng ..... D14/223  
 D875,714 S \* 2/2020 Kim ..... D14/205  
 D879,074 S \* 3/2020 Komiya ..... D14/223  
 D880,457 S \* 4/2020 Zhu ..... D14/223  
 D883,261 S \* 5/2020 Zhang ..... D14/223  
 D883,958 S \* 5/2020 Liu ..... D14/223  
 D883,960 S \* 5/2020 Du ..... D14/223  
 D884,681 S \* 5/2020 Zhang ..... D14/223  
 D885,372 S \* 5/2020 Wang ..... D14/223  
 D887,395 S \* 6/2020 Wang ..... D14/223  
 D889,441 S \* 7/2020 Lin ..... D14/223  
 D890,138 S \* 7/2020 Peng ..... D14/223

D892,086 S \* 8/2020 Bonahoom ..... D14/223  
 D892,769 S \* 8/2020 Cai ..... D14/223  
 D892,770 S \* 8/2020 Gao ..... D14/223  
 D894,123 S \* 8/2020 Xiong ..... D14/223  
 D895,580 S \* 9/2020 Yu ..... D14/223  
 D896,207 S \* 9/2020 He ..... D14/223  
 D897,319 S \* 9/2020 Wang ..... D14/223  
 D897,322 S \* 9/2020 Wei ..... D14/223  
 D897,996 S \* 10/2020 Mei ..... D14/223  
 D899,405 S \* 10/2020 Vaclavik ..... D14/223  
 D900,064 S \* 10/2020 Laffon de Mazieres .... D14/223  
 D902,183 S \* 11/2020 Knudsen ..... D14/223  
 D902,184 S \* 11/2020 Yang ..... D14/223  
 10,827,249 B1 \* 11/2020 Pine ..... H04R 1/1041  
 D903,638 S \* 12/2020 Li ..... D14/223  
 D908,667 S \* 1/2021 He ..... D14/223  
 D917,426 S \* 4/2021 Yang ..... D14/223  
 D922,358 S \* 6/2021 Li ..... D14/223  
 D924,849 S \* 7/2021 Yang ..... D14/223  
 D925,492 S \* 7/2021 Sugiura ..... D14/223  
 D927,466 S \* 8/2021 Zhang ..... D14/223  
 D928,742 S \* 8/2021 Liu ..... D14/223  
 D929,378 S \* 8/2021 Li ..... D14/223  
 D929,970 S \* 9/2021 Lin ..... D14/223  
 D934,841 S \* 11/2021 Takubo ..... D14/223  
 D934,842 S \* 11/2021 Mok ..... D14/223  
 D939,479 S \* 12/2021 Wang ..... D14/223  
 D945,405 S \* 3/2022 Rose ..... D14/223  
 2014/0087511 A1 \* 3/2014 Paviet-Salomon ... H01L 31/068  
 438/72  
 2020/0374632 A1 \* 11/2020 Wang ..... H04M 1/6066  
 2021/0044885 A1 \* 2/2021 Fukahori ..... G06F 3/044  
 2021/0099786 A1 \* 4/2021 Sasaki ..... H04R 1/1016  
 2021/0136477 A1 \* 5/2021 Ozawa ..... H04R 1/06  
 2022/0014832 A1 \* 1/2022 Seo ..... H04R 1/1075

FOREIGN PATENT DOCUMENTS

EM 008324495-0001 \* 12/2020  
 EM 008789986-0002 \* 12/2021  
 GB 6188745 \* 1/2022

\* cited by examiner

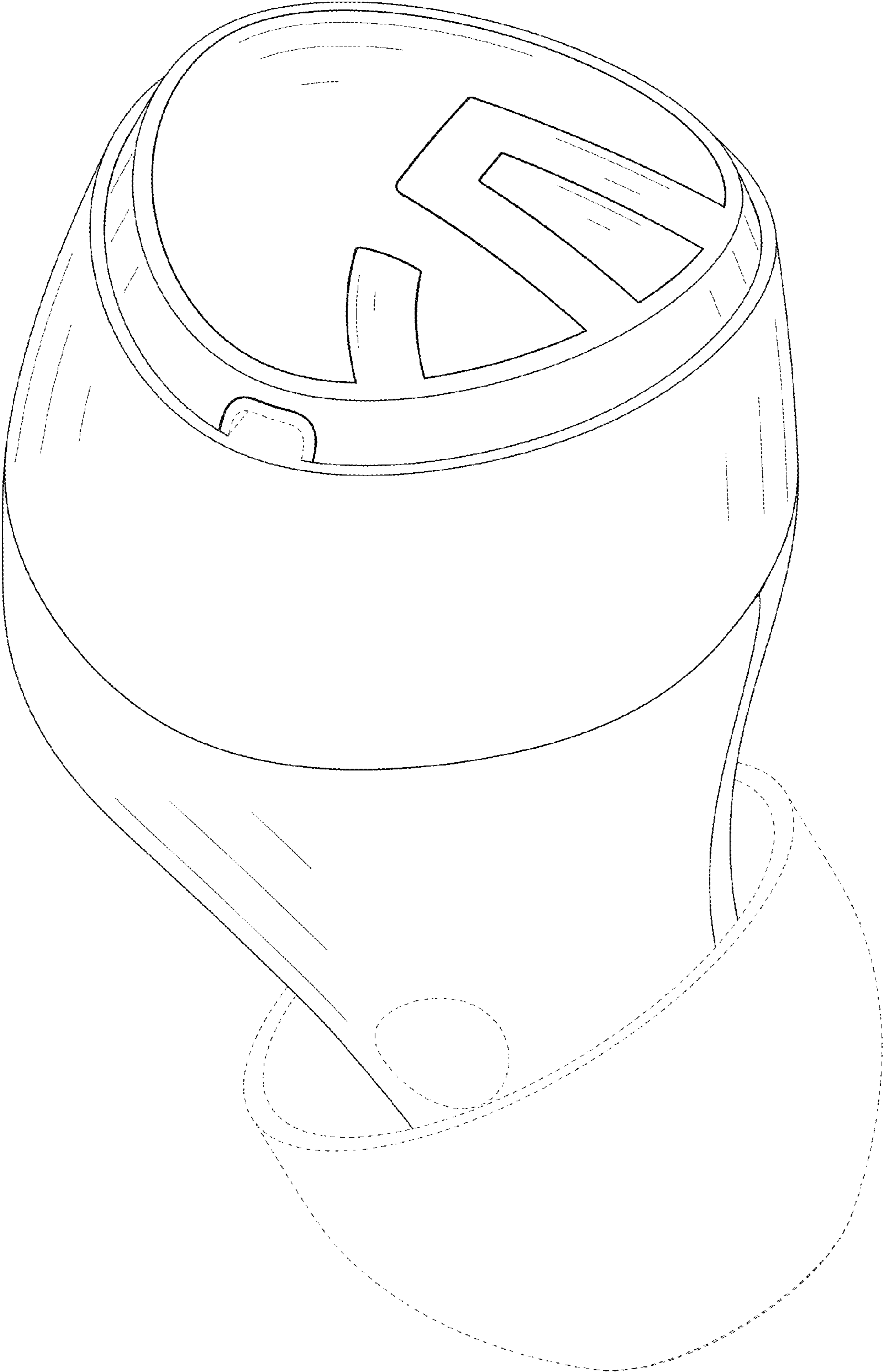


FIG. 1

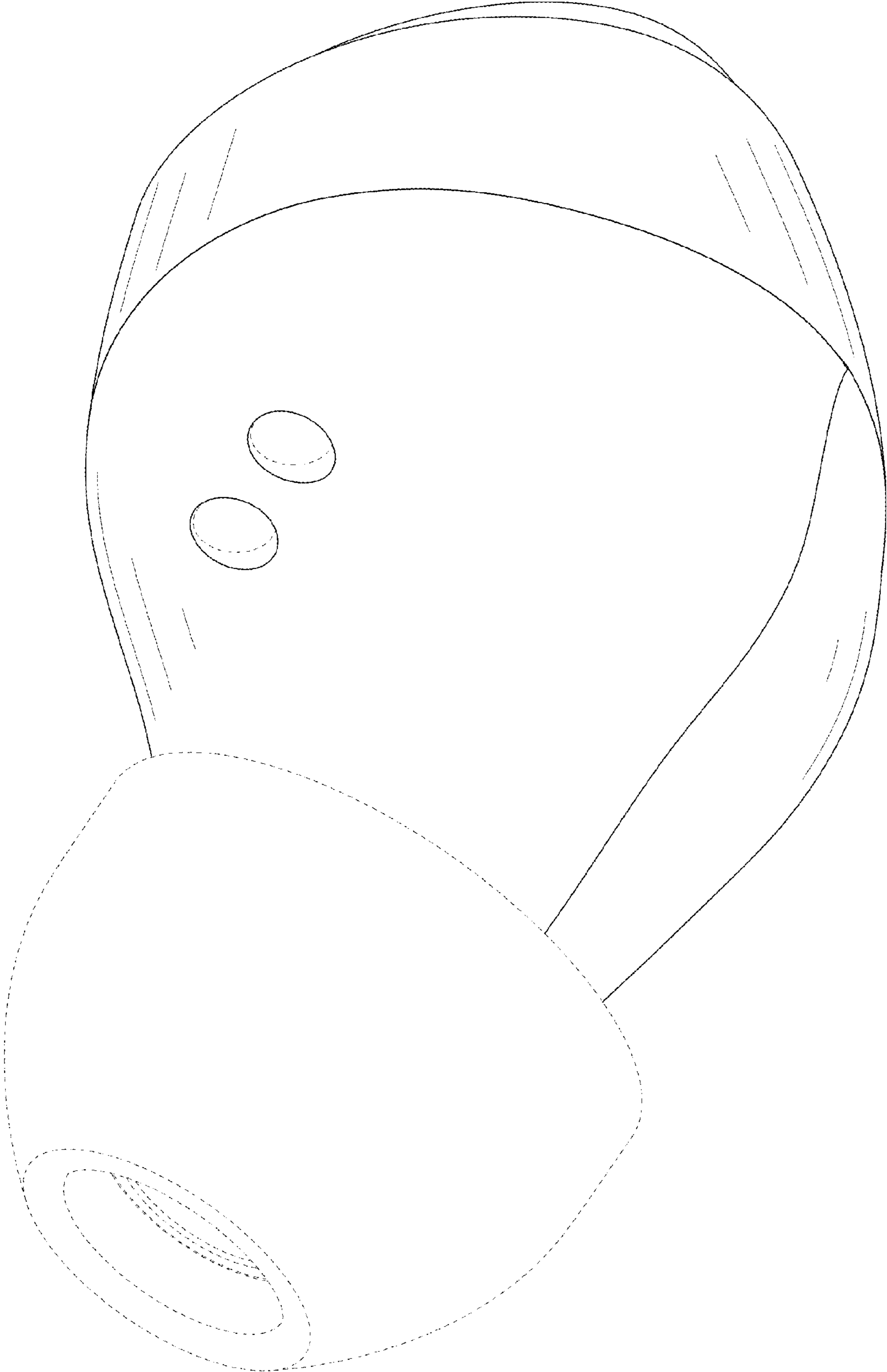


FIG. 2

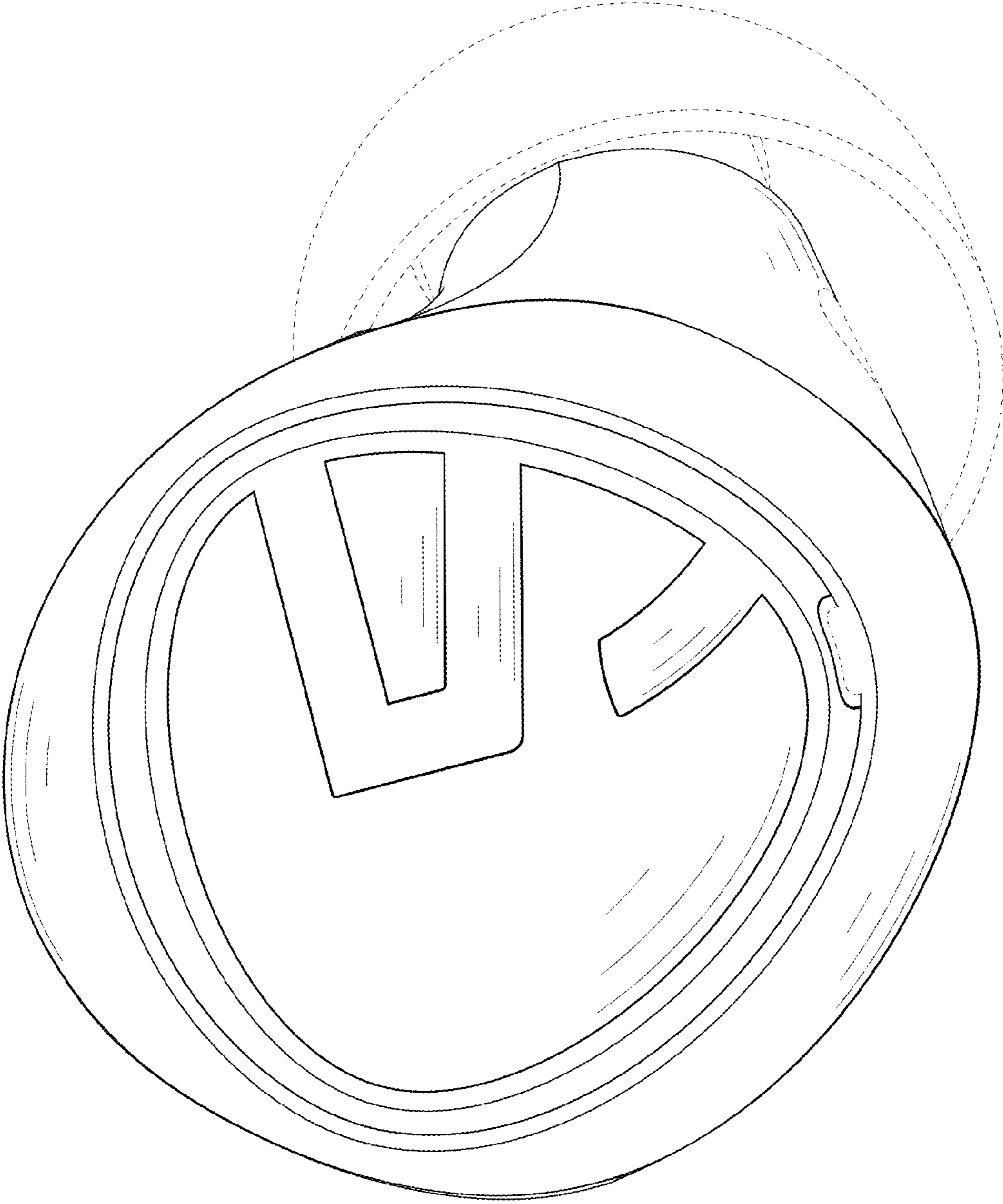


FIG. 3

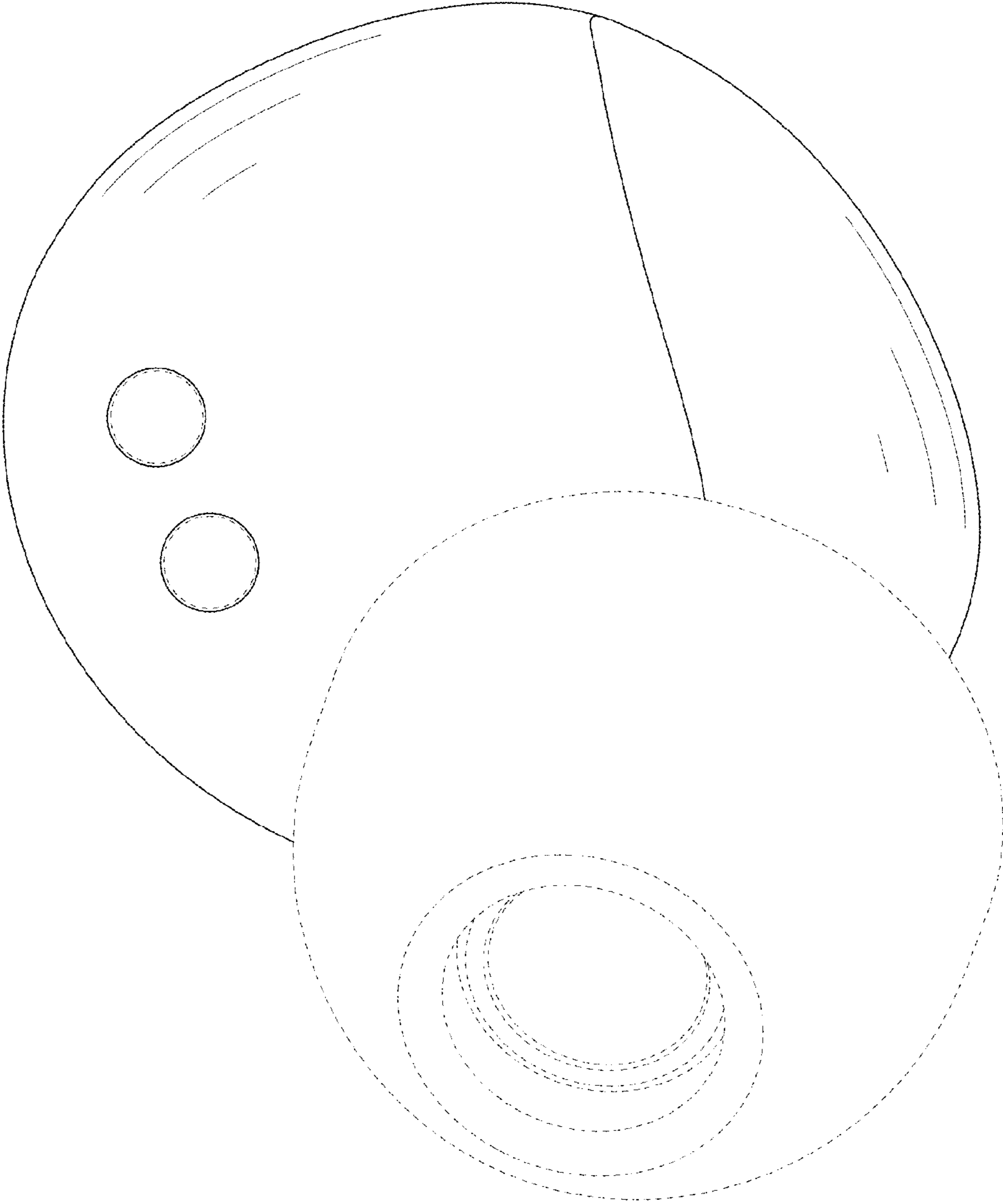


FIG. 4

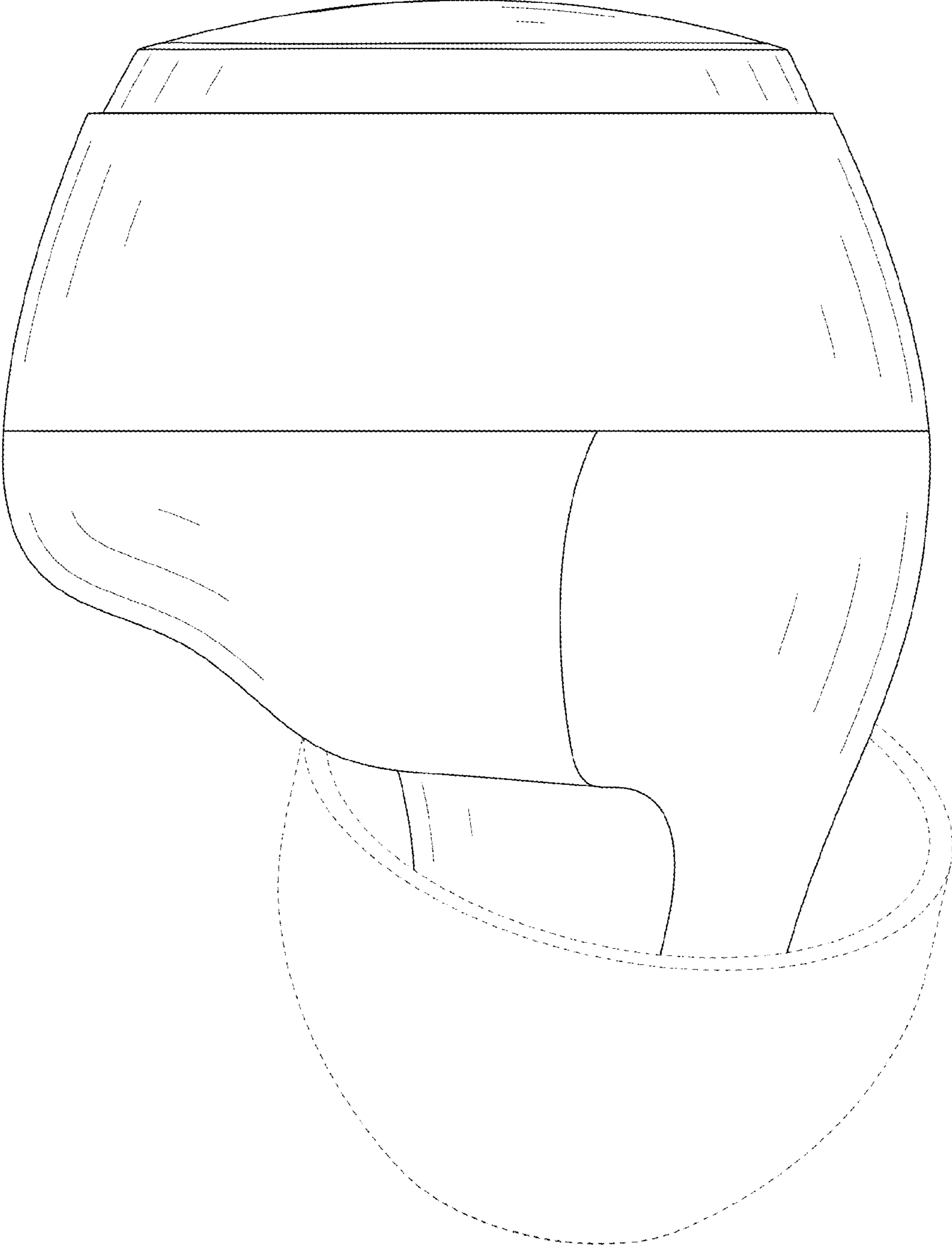


FIG. 5

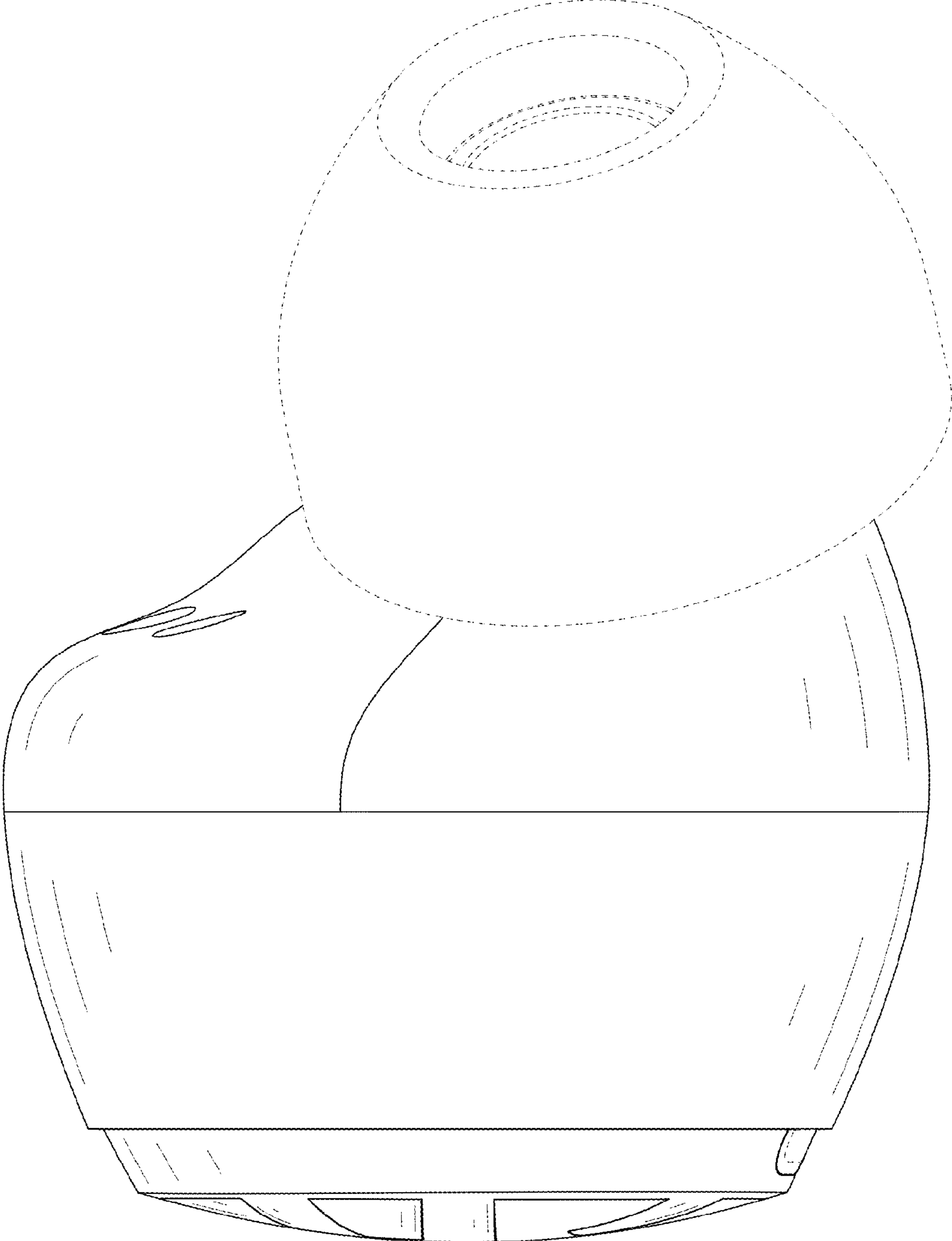


FIG. 6



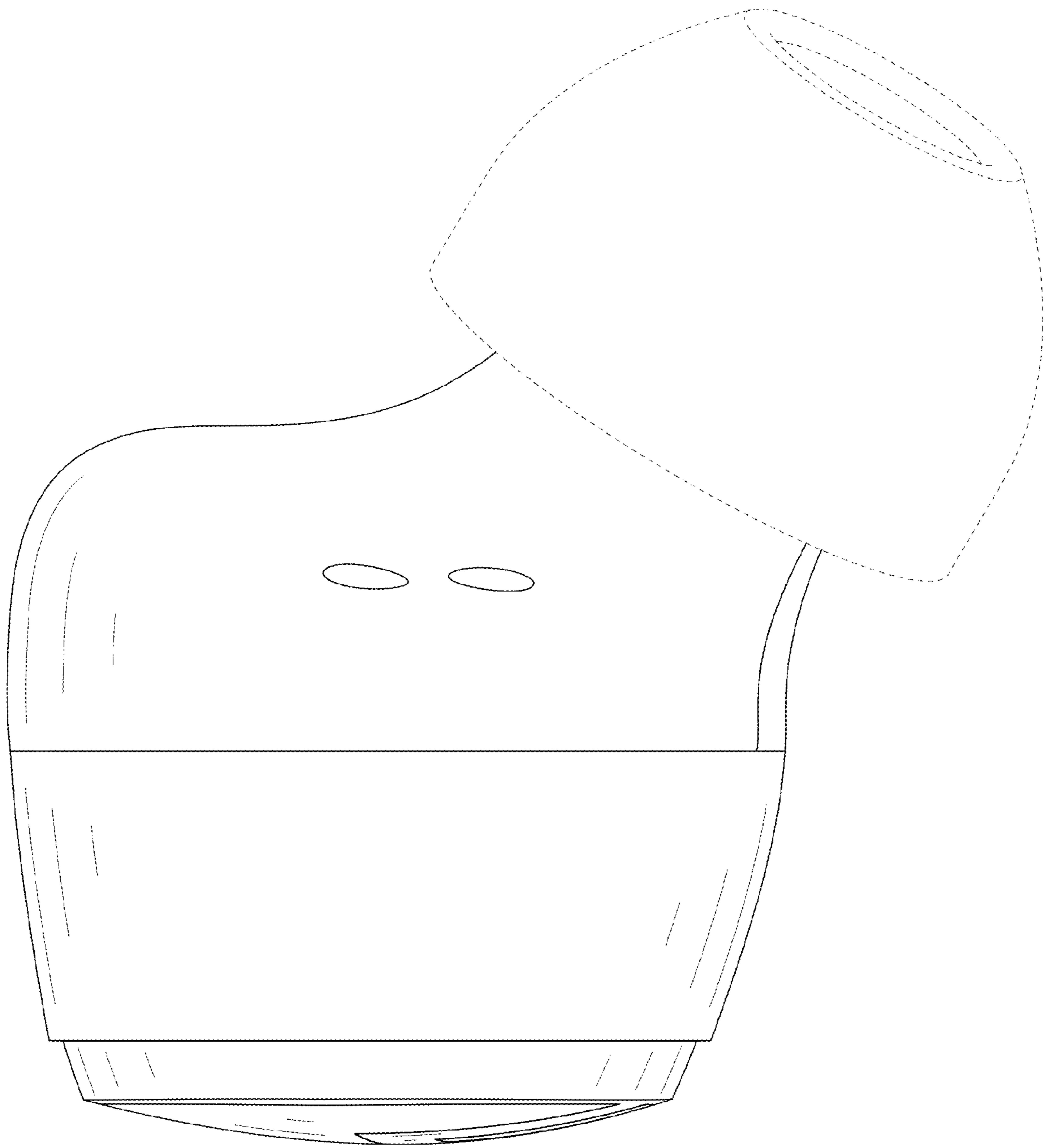


FIG. 7

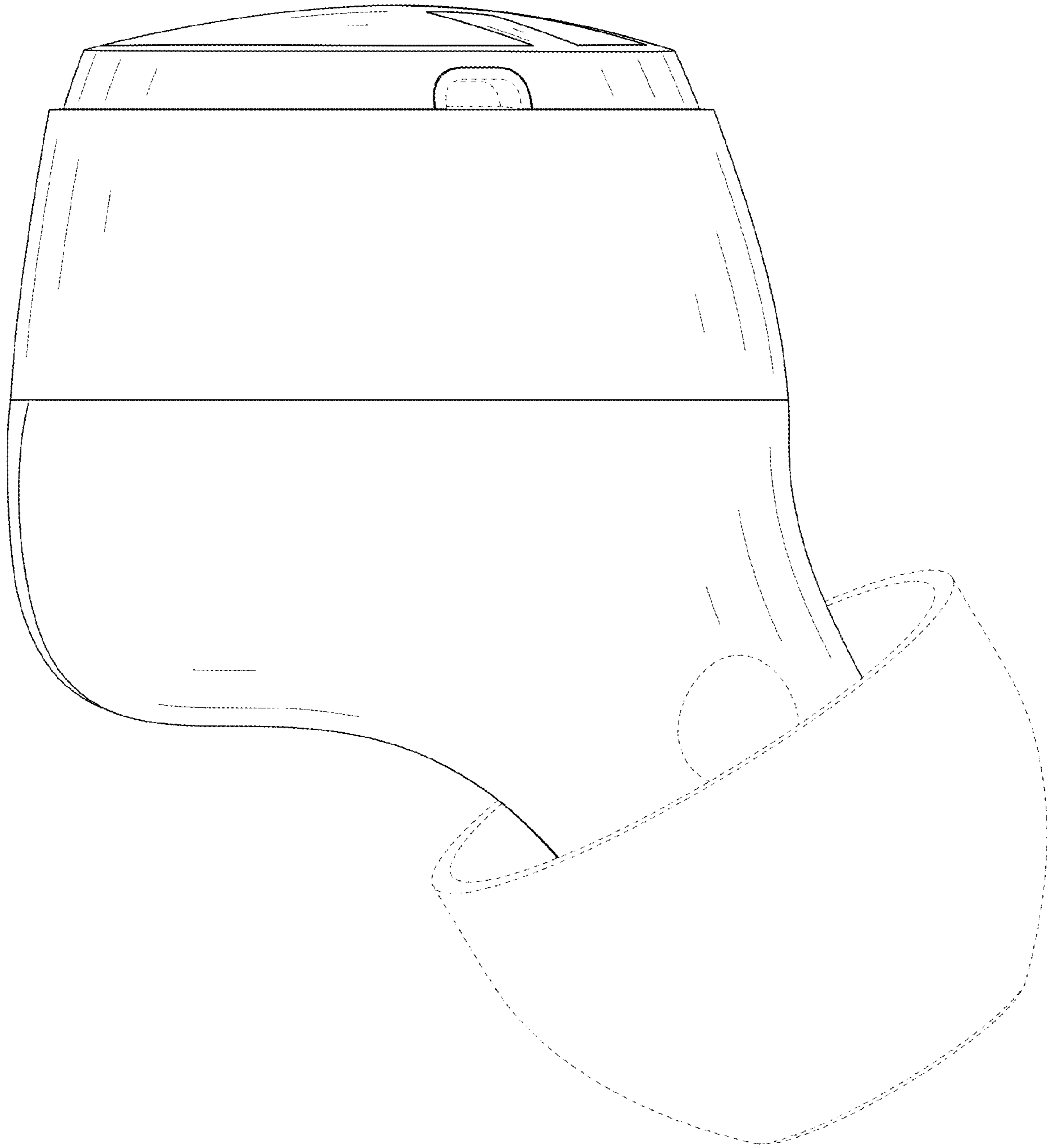


FIG. 8