



US00D976237S

(12) **United States Design Patent**  
**Wang et al.**

(10) **Patent No.:** **US D976,237 S**  
(45) **Date of Patent:** **\*\* Jan. 24, 2023**

(54) **HEARING AID EARPHONE**

(71) Applicant: **BEIJING DELTA ROBOTICS TECHNOLOGY CO., LTD**, Beijing (CN)

(72) Inventors: **Zhipeng Wang**, Beijing (CN); **Zhixing Li**, Beijing (CN); **Yujie Li**, Beijing (CN)

(73) Assignee: **BEIJING INFINITICS TECHNOLOGY CO., LTD.**, Beijing (CN)

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

(21) Appl. No.: **29/796,547**

(22) Filed: **Jun. 24, 2021**

(30) **Foreign Application Priority Data**

Mar. 5, 2021 (CN) ..... 202130122074.3

(51) **LOC (14) Cl.** ..... **14-01**

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

(58) **Field of Classification Search**  
USPC ..... D14/223, 205, 206; D24/174, 217, 218; 128/864, 865, 866; 181/129, 130, 135; 379/430, 431; 381/380, 381, 322-324, 381/330; 455/90.3, 575, 1, 569.1; D9/415, 432, 721; D3/274, 294; D13/108  
CPC ..... H04R 1/10; H04R 25/00; H04R 1/1016; H04R 1/1066; H04R 5/033; H04R 5/0335; H04R 1/1091; H04R 1/1058; H04R 1/105; H04R 1/1083  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D747,702 S \* 1/2016 Breines ..... D14/223  
D887,396 S \* 6/2020 Wang ..... D14/223

D896,207 S \* 9/2020 He ..... D14/223  
D903,640 S \* 12/2020 Zhang ..... D14/223  
D904,351 S \* 12/2020 Zhang ..... D14/223  
D905,018 S \* 12/2020 Zhu ..... D14/223  
D906,297 S \* 12/2020 Akana ..... D14/223  
D907,010 S \* 1/2021 Akana ..... D14/223  
D909,347 S \* 2/2021 Akana ..... D14/223  
D910,600 S \* 2/2021 Zhang ..... D14/223  
D929,969 S \* 9/2021 Ding ..... D3/274  
D938,399 S \* 12/2021 Rose ..... D14/223  
D939,477 S \* 12/2021 Lee ..... D14/223

\* cited by examiner

*Primary Examiner* — Katie Jane Stofko

(74) *Attorney, Agent, or Firm* — Loza & Loza, LLP; Michael F. Fedrick

(57) **CLAIM**

The ornamental design for a hearing aid earphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a hearing aid earphone, showing our new design;  
FIG. 2 is a back view thereof;  
FIG. 3 is a left-side view thereof;  
FIG. 4 is a right-side view thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a front, top and left side perspective view thereof;  
FIG. 8 is a back, top and right side perspective view thereof;  
FIG. 9 is a bottom and right side perspective view thereof; and,  
FIG. 10 is a top and left side perspective view thereof.  
The broken lines in FIGS. 1, 2, 4, 6, 8, and 9 illustrate portions of the hearing aid earphone that form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**

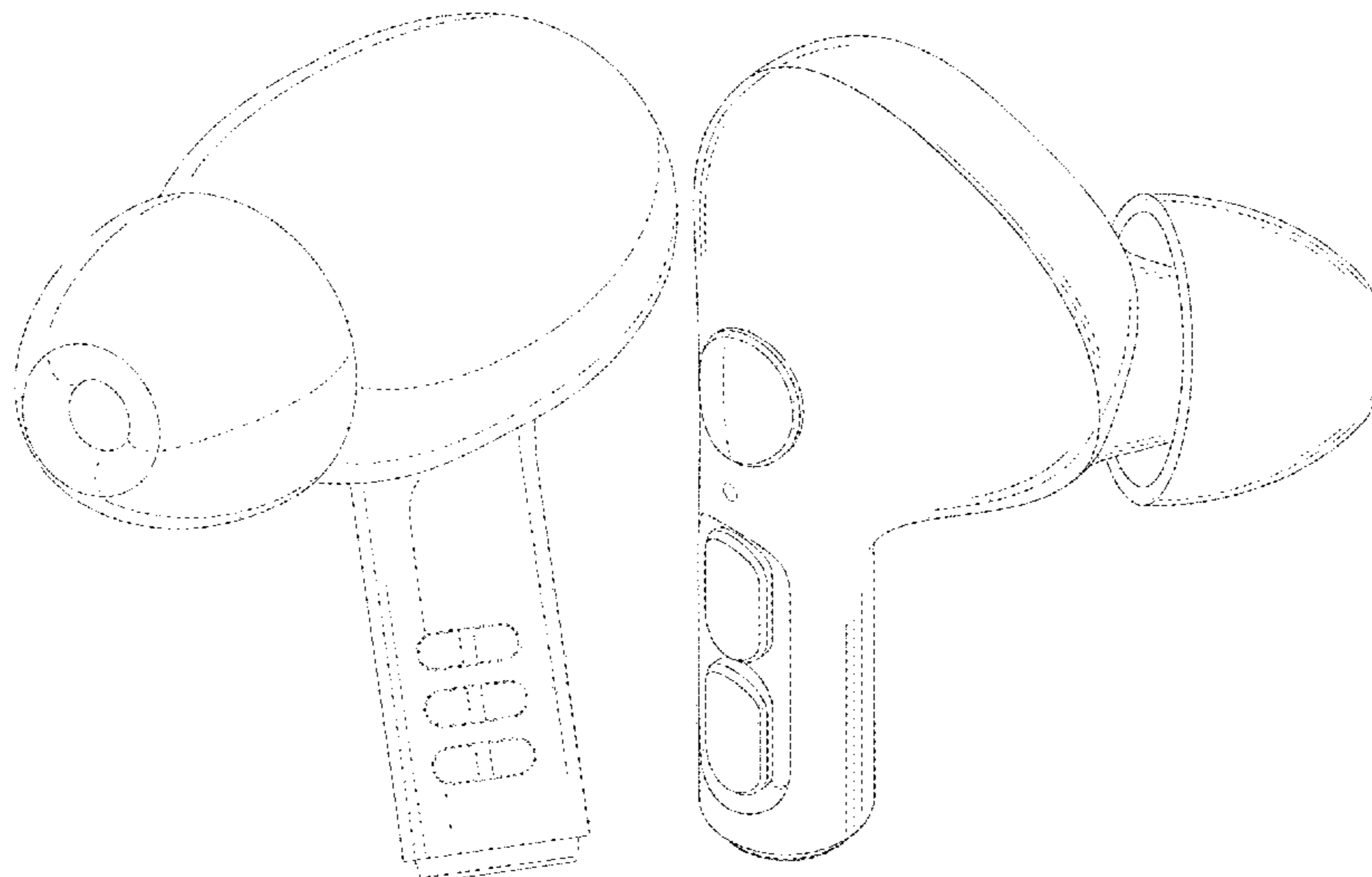


Figure 1

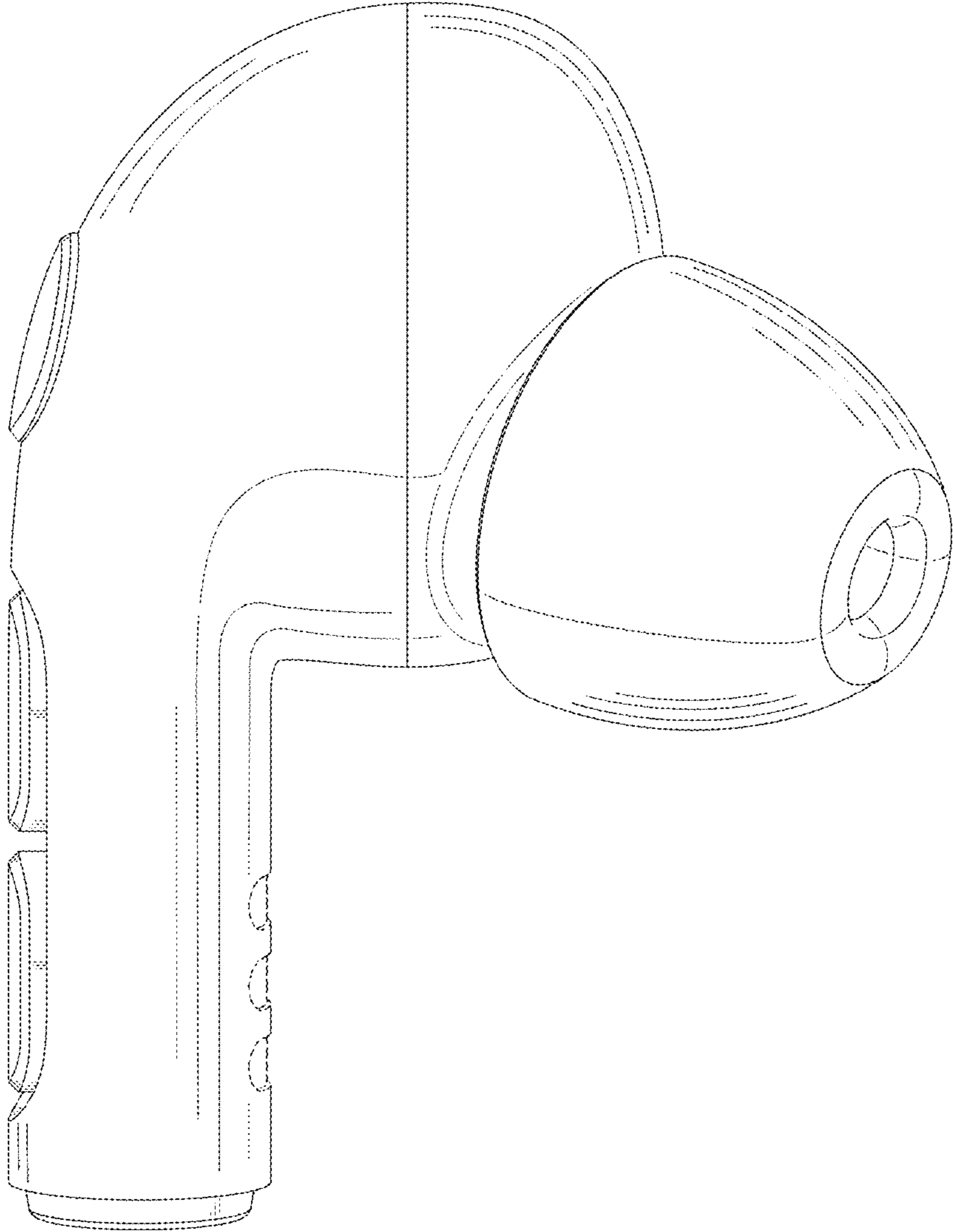


Figure 2

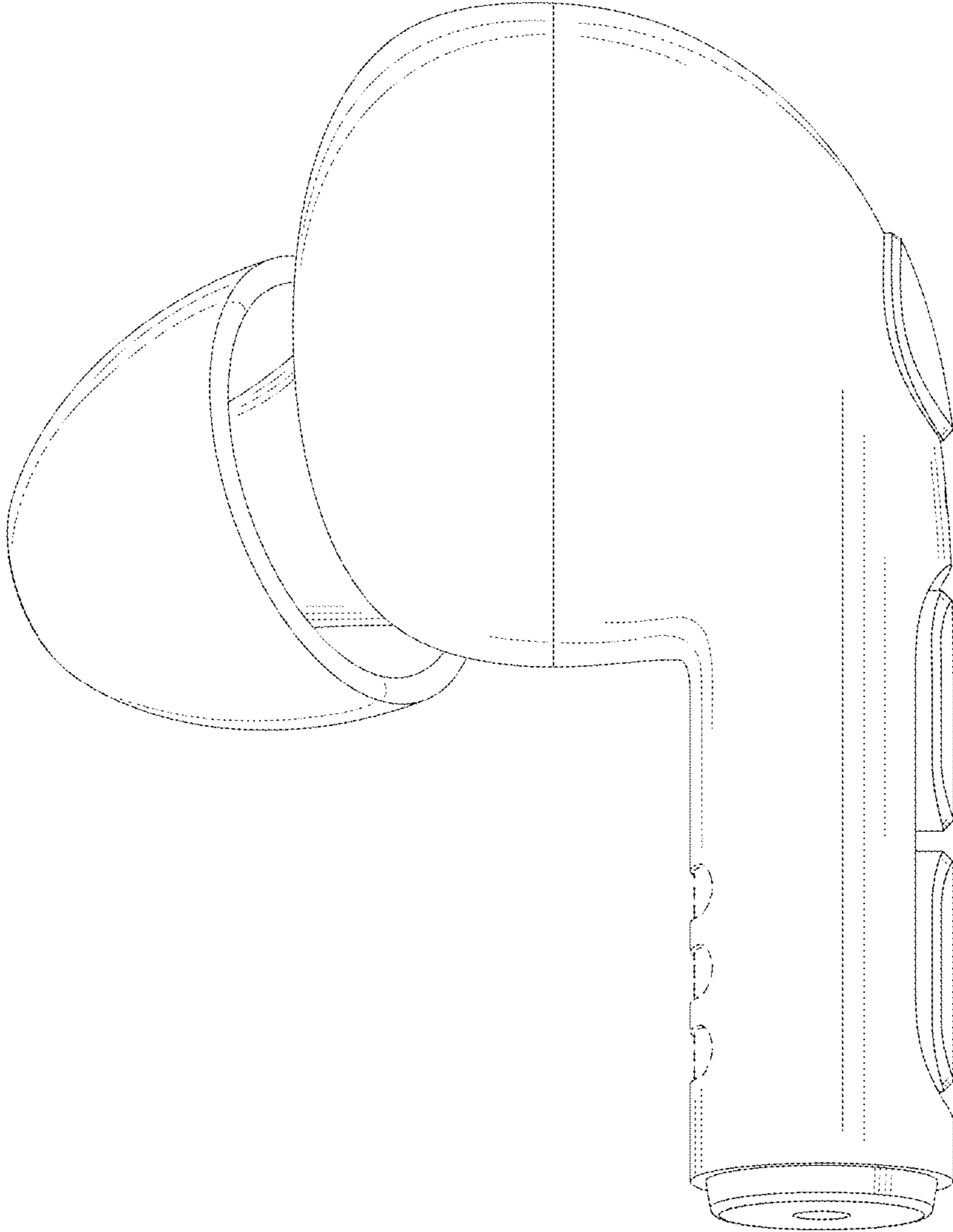


Figure 3

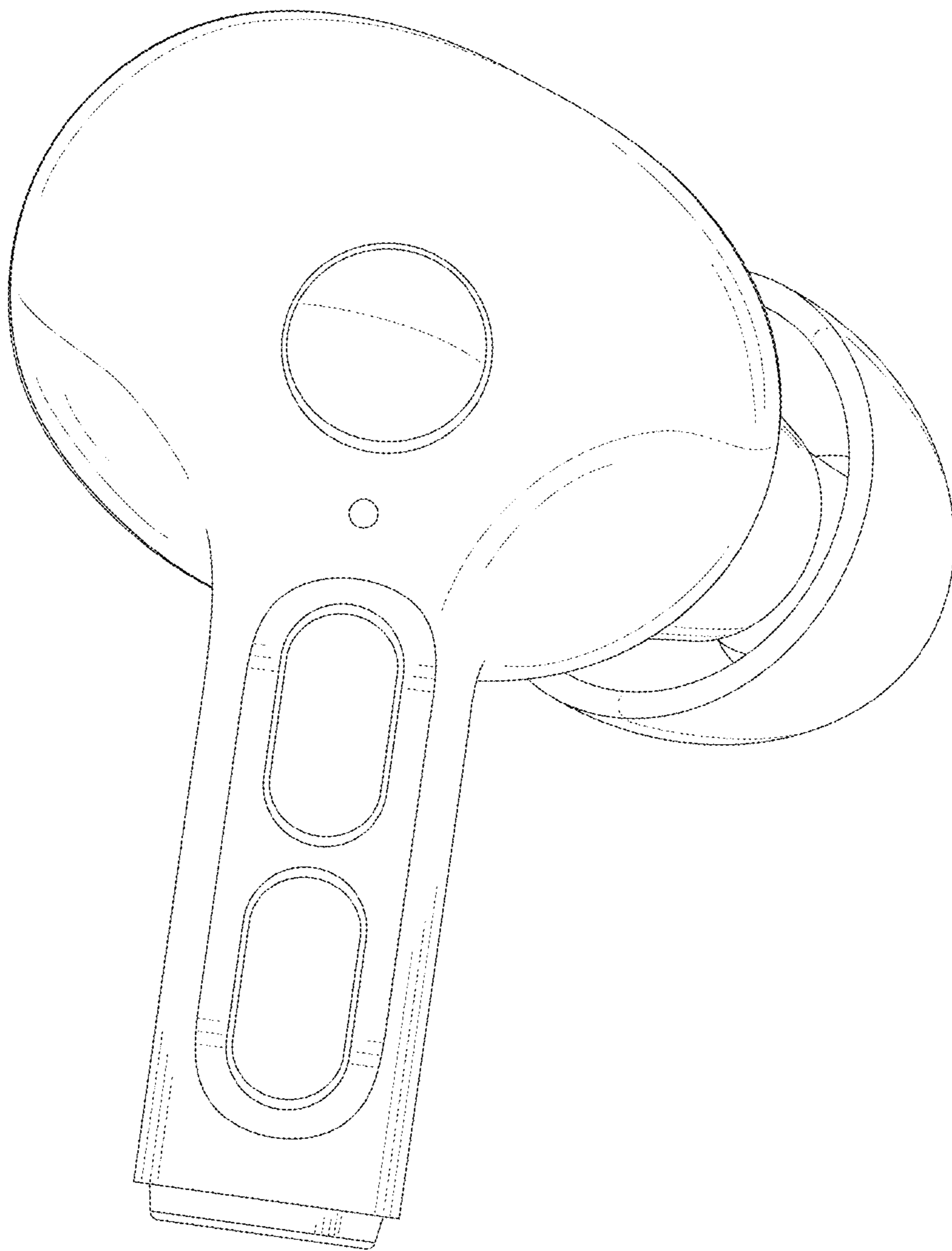


Figure 4

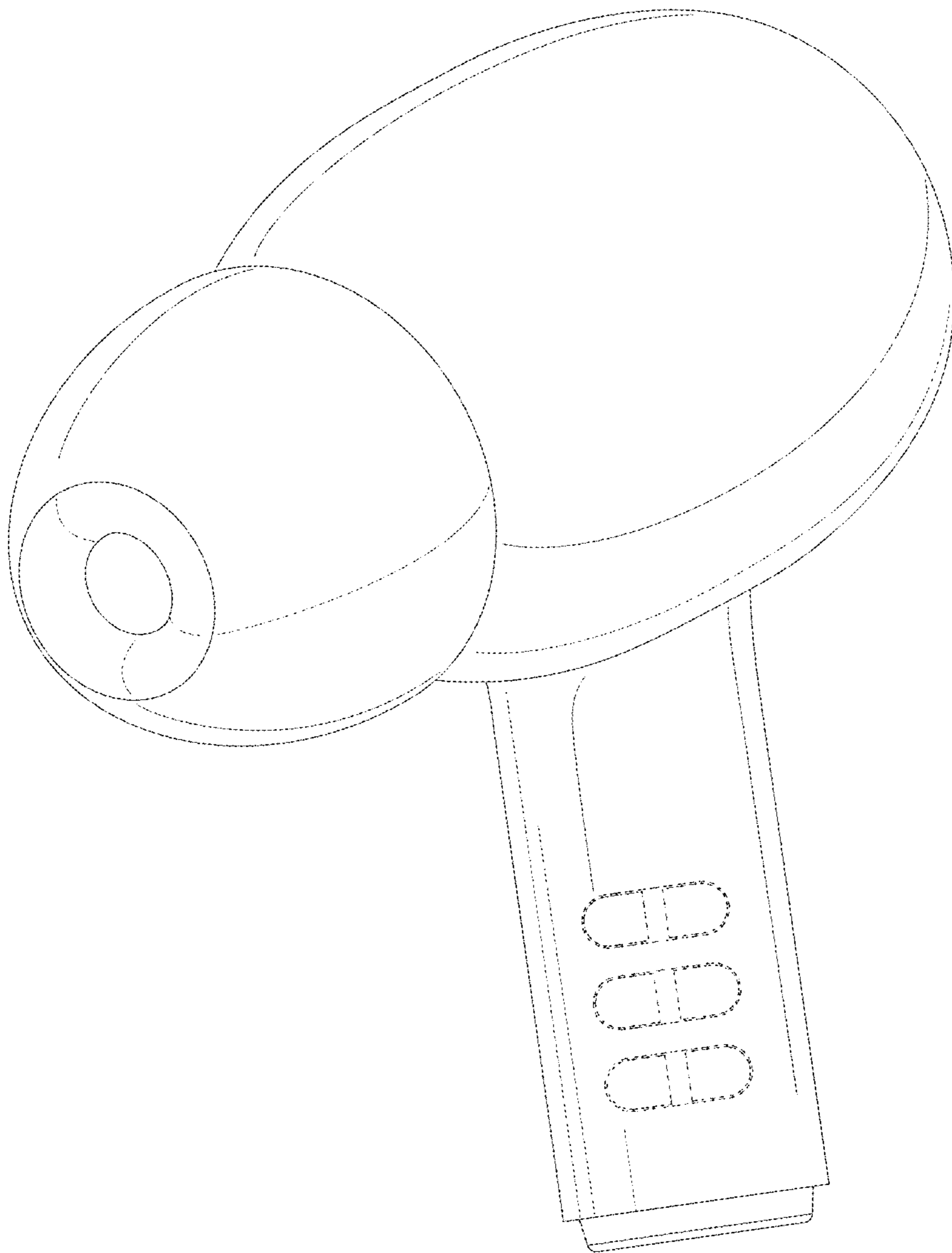


Figure 5

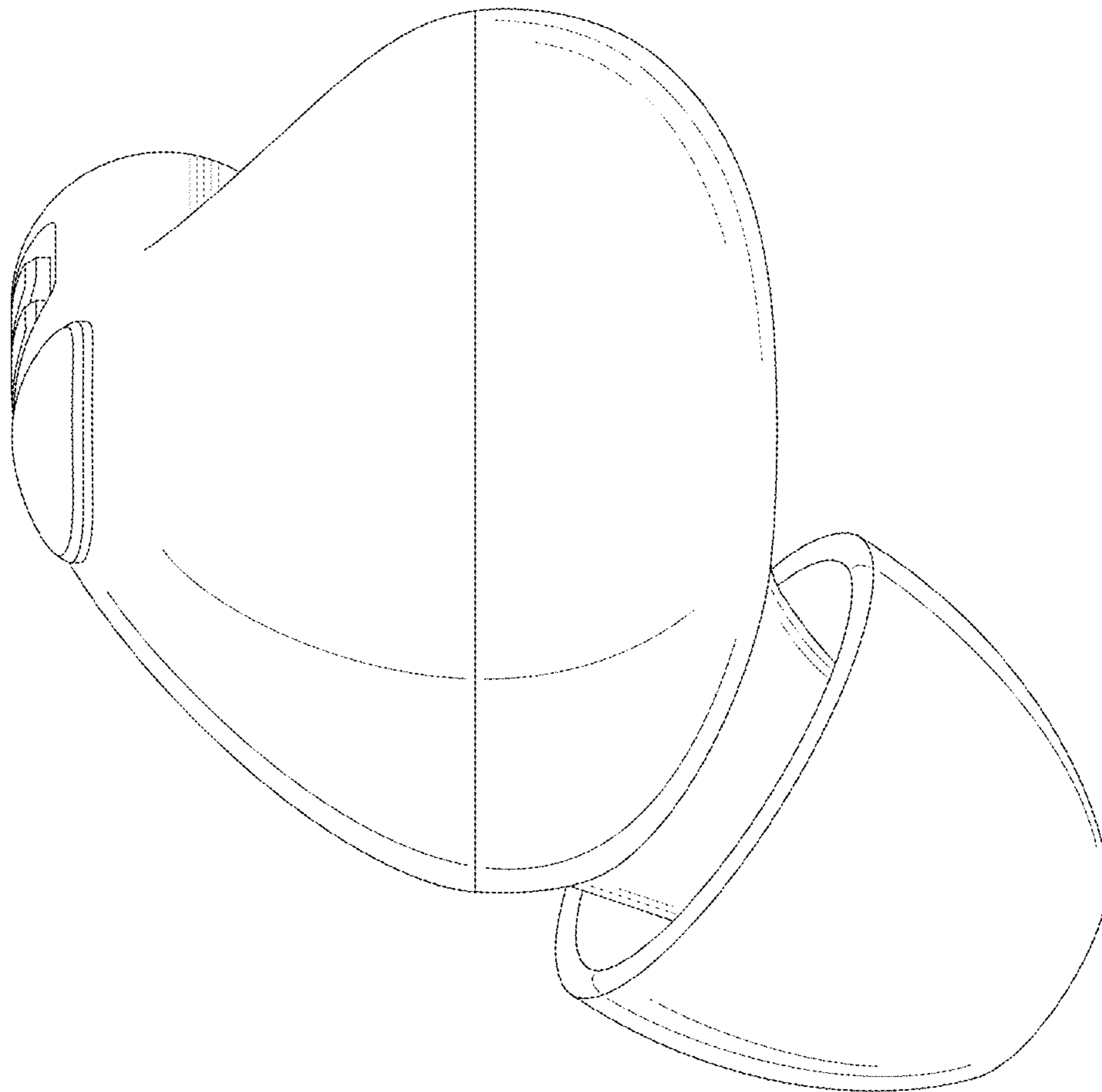


Figure 6

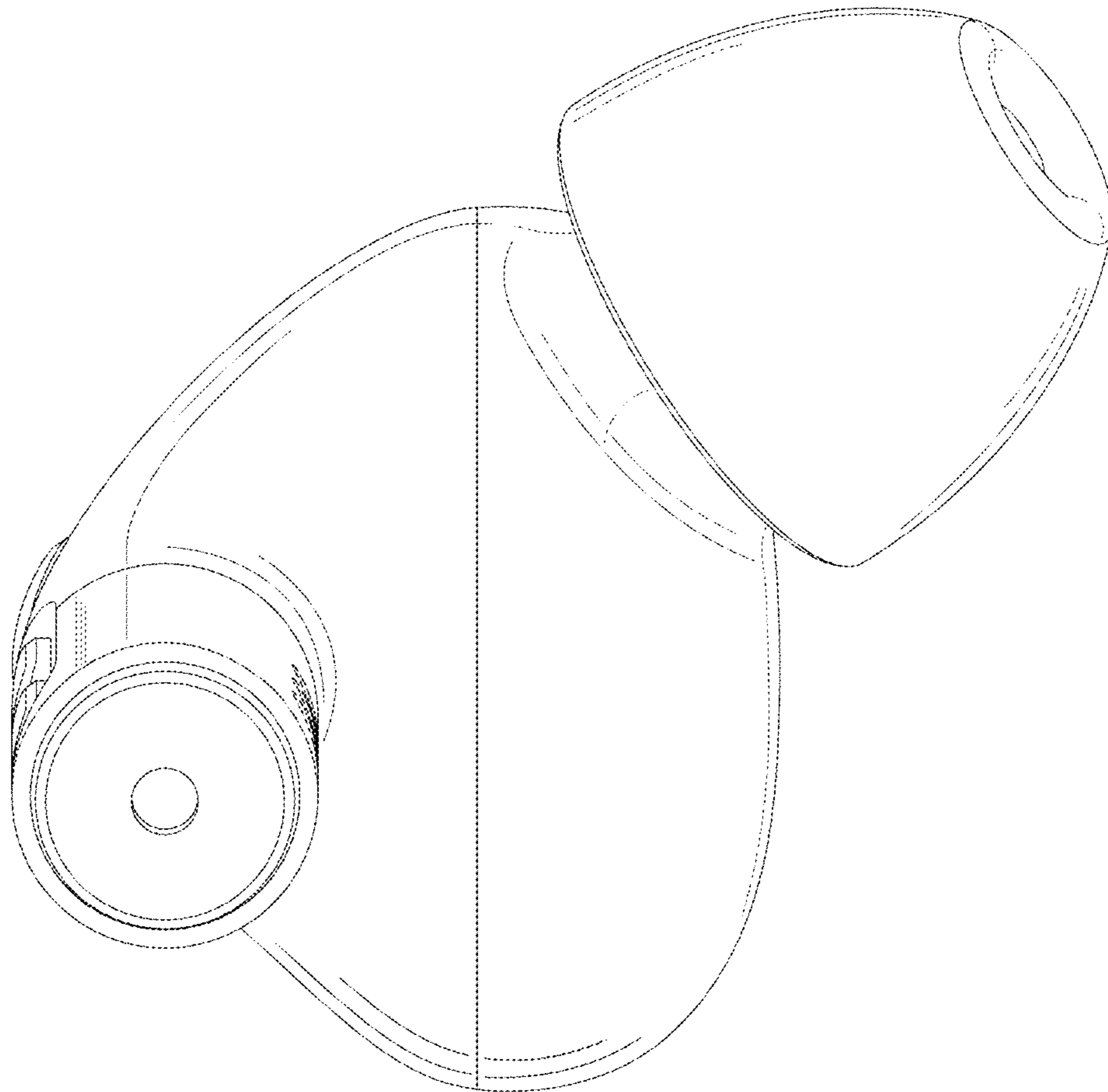


Figure 7

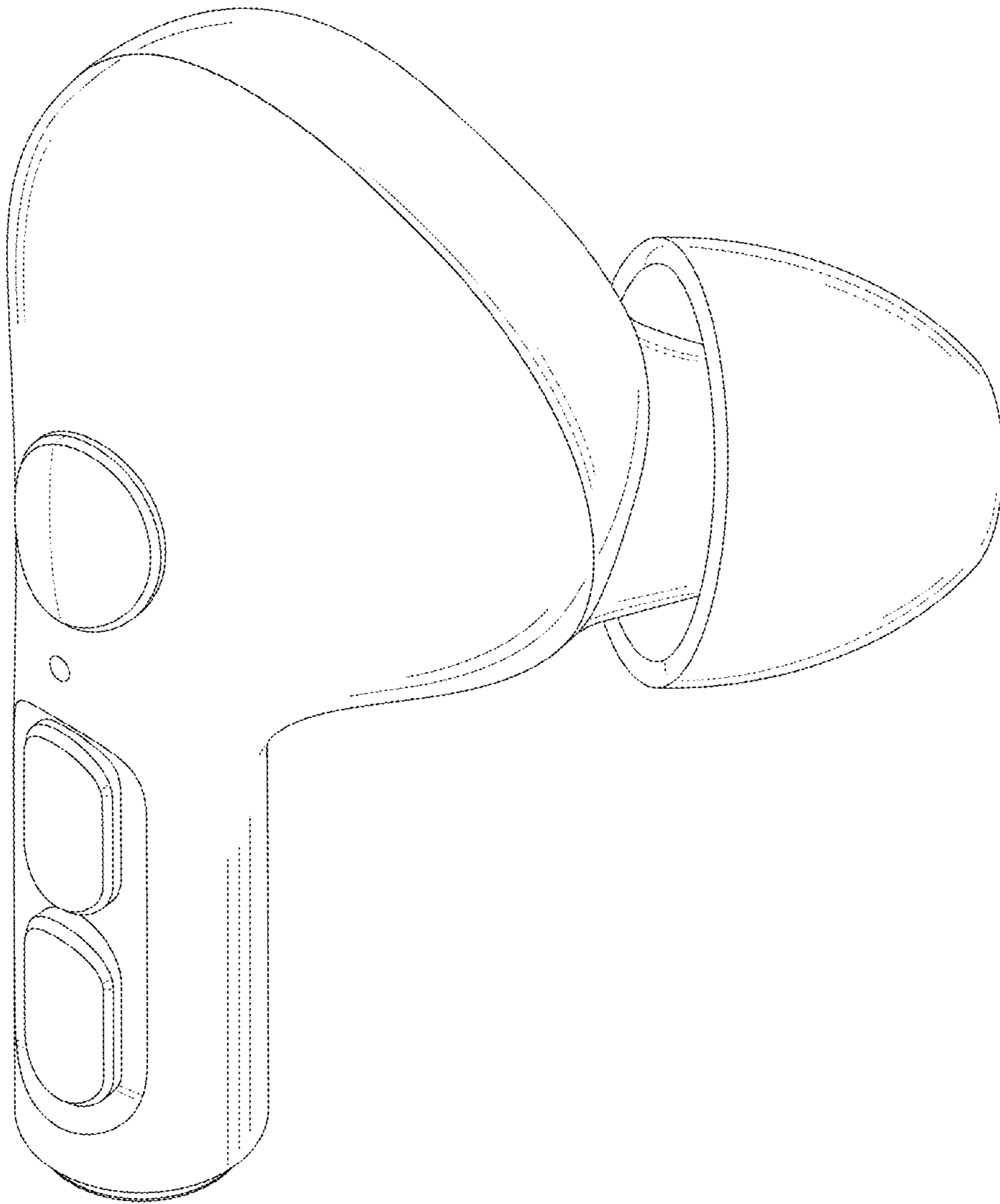




Figure 8

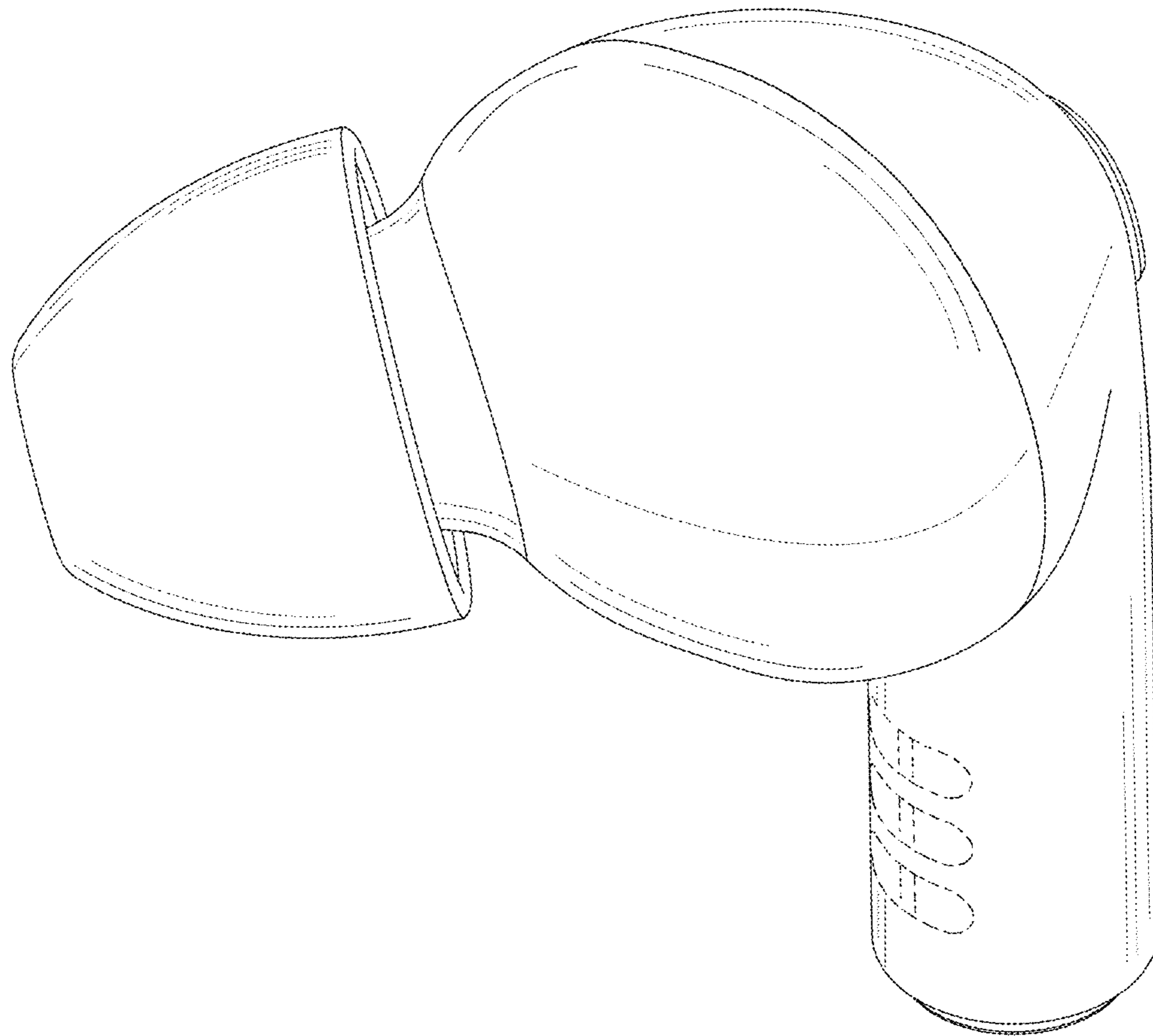


Figure 9

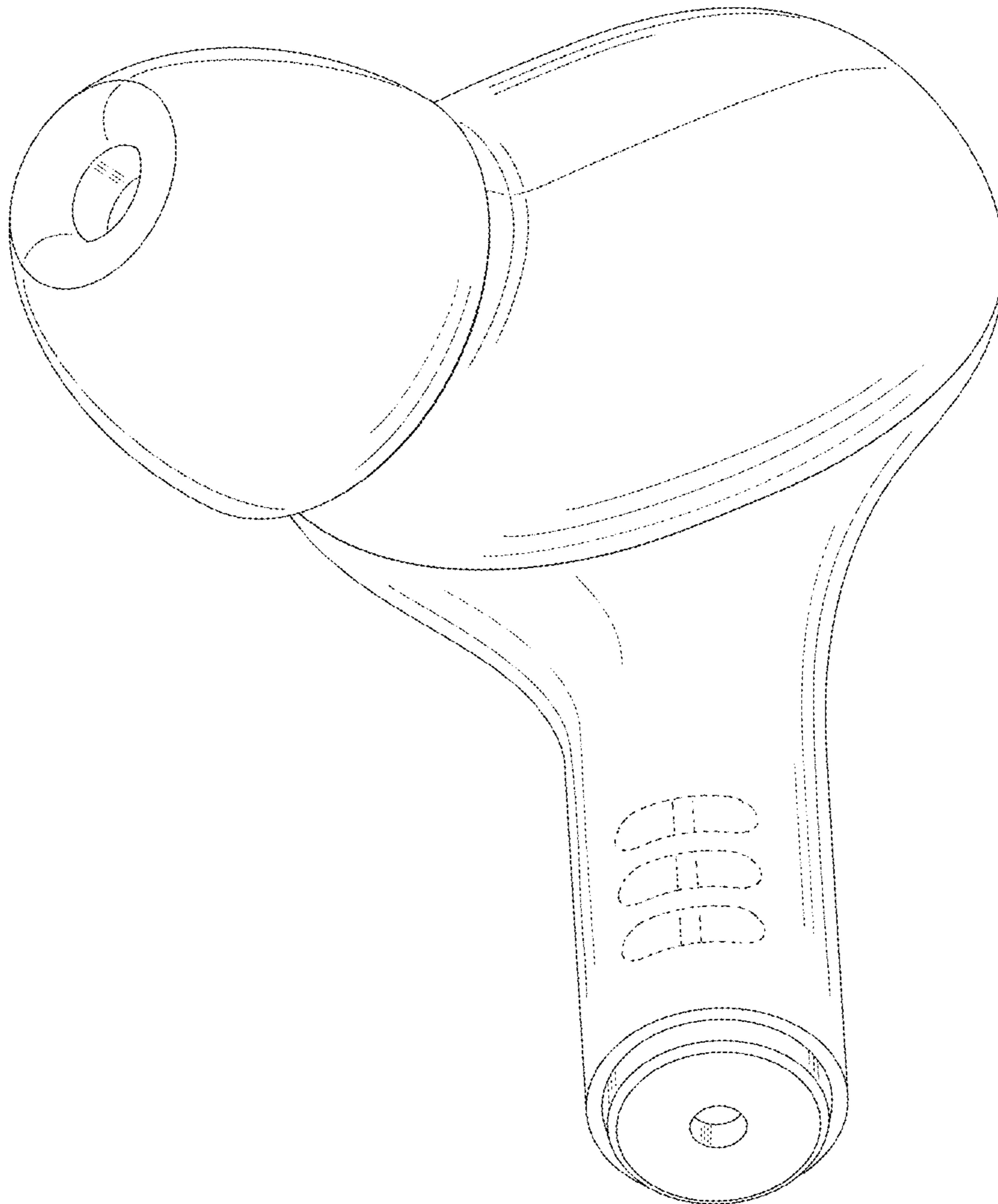


Figure 10

