



US00D968371S

(12) **United States Design Patent** (10) **Patent No.:** **US D968,371 S**
Ao (45) **Date of Patent:** **** Nov. 1, 2022**

(54) **EARPHONES AND CHARGING CASE SET**

Primary Examiner — Messina L Smith

(71) Applicant: **SHENZHEN RF TECHNOLOGY CO., LTD**, Shenzhen (CN)

Assistant Examiner — Aram Kwon

(72) Inventor: **Lijie Ao**, Shenzhen (CN)

(57) **CLAIM**

(73) Assignee: **SHENZHEN RF TECHNOLOGY CO., LTD**, Shenzhen (CN)

The ornamental design for an earphones and charging case set, as shown and described.

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

(21) Appl. No.: **29/785,041**

DESCRIPTION

(22) Filed: **May 24, 2021**

(51) **LOC (13) Cl.** **14-01**

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

(58) **Field of Classification Search**
USPC D14/155–159, 160–173, 187–188,
D14/189–198, 203.1–203.8, 204–216,
(Continued)

FIG. 1 is a perspective view of earphones of an earphones and charging case set, shown separately for ease of illustration;
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;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a perspective view of a charging case of the earphones and charging case set, shown separately for ease of illustration and in an open configuration;
FIG. 10 is another perspective view thereof;
FIG. 11 is a front elevational view thereof;
FIG. 12 is a rear elevational view thereof;
FIG. 13 is a left side elevational view thereof;
FIG. 14 is a right side elevational view thereof;
FIG. 15 is a top plan view thereof;
FIG. 16 is a bottom plan view thereof;
FIG. 17 is a perspective view of the earphones and charging case set, shown in use with the earphones received in the charging case; and,
FIG. 18 is a perspective view of the charging case of the earphones and charging case set, shown separately for ease of illustration and in a closed configuration.
The broken lines in the drawings depict portions of the earphones and charging case set that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D663,291 S * 7/2012 Gondo D14/223
D873,217 S * 1/2020 Zhang D3/294
(Continued)

FOREIGN PATENT DOCUMENTS

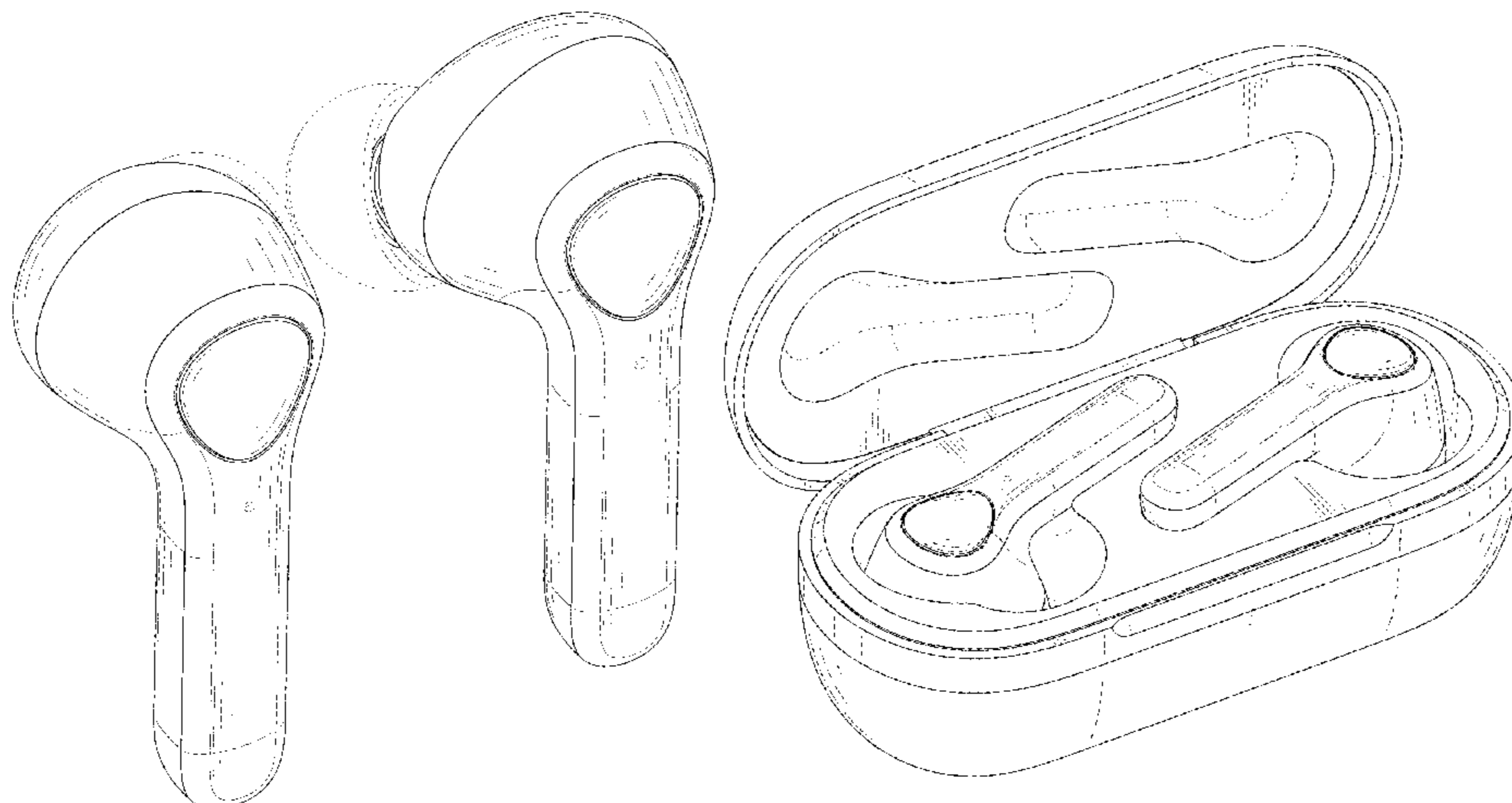
EM 008551329-0001 * 5/2021
GB 6138818 * 5/2021
(Continued)

OTHER PUBLICATIONS

Acuity Duo True Wireless Stereo Assistive Hearing Amplified Earphones, date not available, [retrieved Jul. 27, 2022], Retrieved from Internet, URL: <https://hear-hi.com/products/acuity-duo?variant=40518921912365¤cy=USD&utm_medium=product_sync&utm_source=google&utm_content=%E2%80%A6> (Year: 2022).*

(Continued)

1 Claim, 18 Drawing Sheets



(58) **Field of Classification Search**

USPC D14/217–222, 223, 224–229, 257–258,
D14/496, 498–506; D6/672–673, 675.1,
D6/682
CPC H04R 1/02; H04R 1/021; H04R 1/025;
H04R 1/026; H04R 1/028; H04R 1/06;
H04R 1/105; H04R 1/323; H04R 1/403;
H04R 1/2803; H04R 1/2834

See application file for complete search history.

D943,555 S * 2/2022 Deng D14/223
D947,159 S * 3/2022 Liang D14/223
D951,917 S * 5/2022 Chen D14/223
D952,610 S * 5/2022 Deng D3/274
D957,366 S * 7/2022 Hachiri D14/223
D958,527 S * 7/2022 Chung D3/273
D961,508 S * 8/2022 Zhang D14/223
D961,553 S * 8/2022 Akana D14/223

(56) **References Cited**

U.S. PATENT DOCUMENTS

D882,553 S * 4/2020 Wu D14/223
D883,260 S * 5/2020 Hu D14/223
D883,960 S * 5/2020 Du D14/223
D887,396 S * 6/2020 Wang D14/223
D890,138 S * 7/2020 Peng D14/223
D890,724 S * 7/2020 Li D14/223
D894,875 S * 9/2020 Zhao D14/223
D895,582 S * 9/2020 Wu D14/223
D896,207 S * 9/2020 He D14/223
D903,639 S * 12/2020 Yang D14/223
D907,008 S * 1/2021 Yao D14/223
D910,600 S * 2/2021 Zhang D14/223
D913,223 S * 3/2021 Li D3/294
D914,644 S * 3/2021 Zhu D14/223
D914,646 S * 3/2021 Yang D14/223
D914,648 S * 3/2021 Zhou D14/223
D916,058 S * 4/2021 Wu D14/223
D920,293 S * 5/2021 Chen D14/223
D924,851 S * 7/2021 Li D14/223
D924,852 S * 7/2021 Liu D14/223
D925,498 S * 7/2021 Lin D14/223
D925,499 S * 7/2021 Xie D14/223
D927,465 S * 8/2021 Wang D14/223
D929,962 S * 9/2021 Yi D14/217
D929,969 S * 9/2021 Ding D3/274
D938,399 S * 12/2021 Rose D14/223
D939,830 S * 1/2022 Laffon de Mazieres D3/294
D943,553 S * 2/2022 Zhang D14/223
D943,554 S * 2/2022 Zhang D14/223

FOREIGN PATENT DOCUMENTS

GB 6188745 * 1/2022
GB 6188747 * 1/2022
GB 6198148 * 3/2022
GB 6198149 * 3/2022
GB 6198150 * 3/2022

OTHER PUBLICATIONS

Hksany Wireless Earbuds, date first available: Nov. 24, 2021, [retrieved Jul. 27, 2022], Retrieved from Internet, URL: <https://www.amazon.com/dp/B09MHGG7W9/ref=sspa_dk_detail_5?psc=1&pf_rd_p=3be1c5b9-5b41-4830-a902-fa8556c19eb5&pf_rd_r=320XVH1XW%E2%80%A6> (Year: 2021).*

Smart Wireless Earbuds, date first available: May 7, 2021, [retrieved Jul. 27, 2022], Retrieved from Internet, URL: <<https://www.amazon.com/Zopsc-1-Wireless-Headphone-Headphones-Bluetooth/dp/B094CQB1Y3?th=1>> (Year: 2021).*

Wireless Earbuds, date first available: Jun. 23, 2022, [retrieved Jul. 27, 2022], Retrieved from Internet, URL: <https://www.amazon.com/dp/B0B4VNYBCD/ref=sspa_dk_detail_2?pf_rd_p=3be1c5b9-5b41-4830-a902-fa8556c19eb5&pf_rd_r=320XVH1XWFH0FV0%E2%80%A6> (Year: 2022).*

Wireless Earbuds, date first available: May 11, 2020, [retrieved Jul. 27, 2022], Retrieved from Internet, URL: <<https://www.amazon.com/AVWOO-Bluetooth-Sweatproof-Cancelling-Earphones/dp/B088FJMDFJ>> (Year: 2020).*

OnePlus Buds Z2 vs Nothing ear (1), Jan. 29, 2022, [retrieved Jul. 27, 2022], Retrieved from Internet, URL: <https://www.gsmarena.com/oneplus_buds_z2_vs_nothing_ear_1-news-52882.php> (Year: 2022).*

* cited by examiner

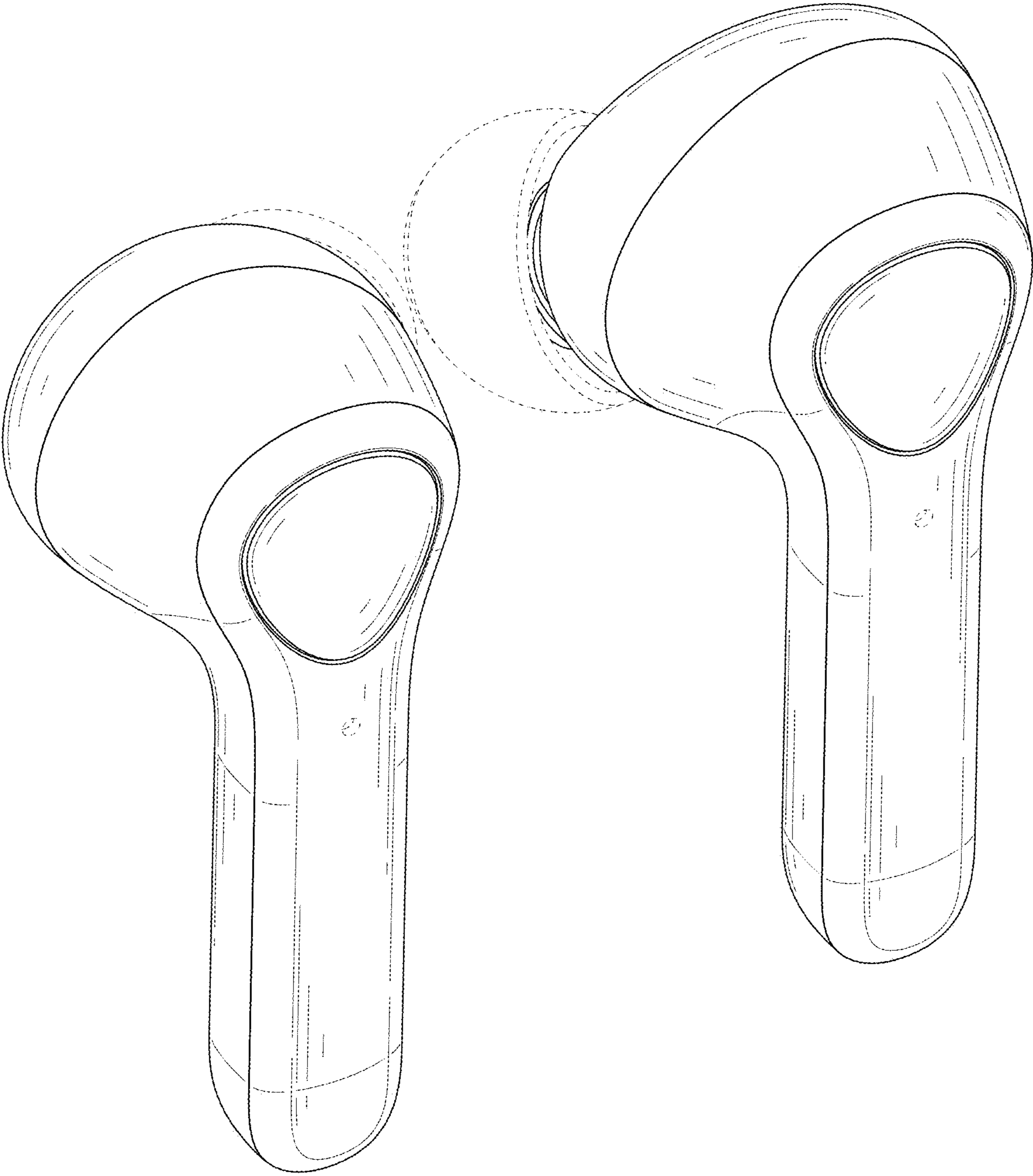


FIG. 1

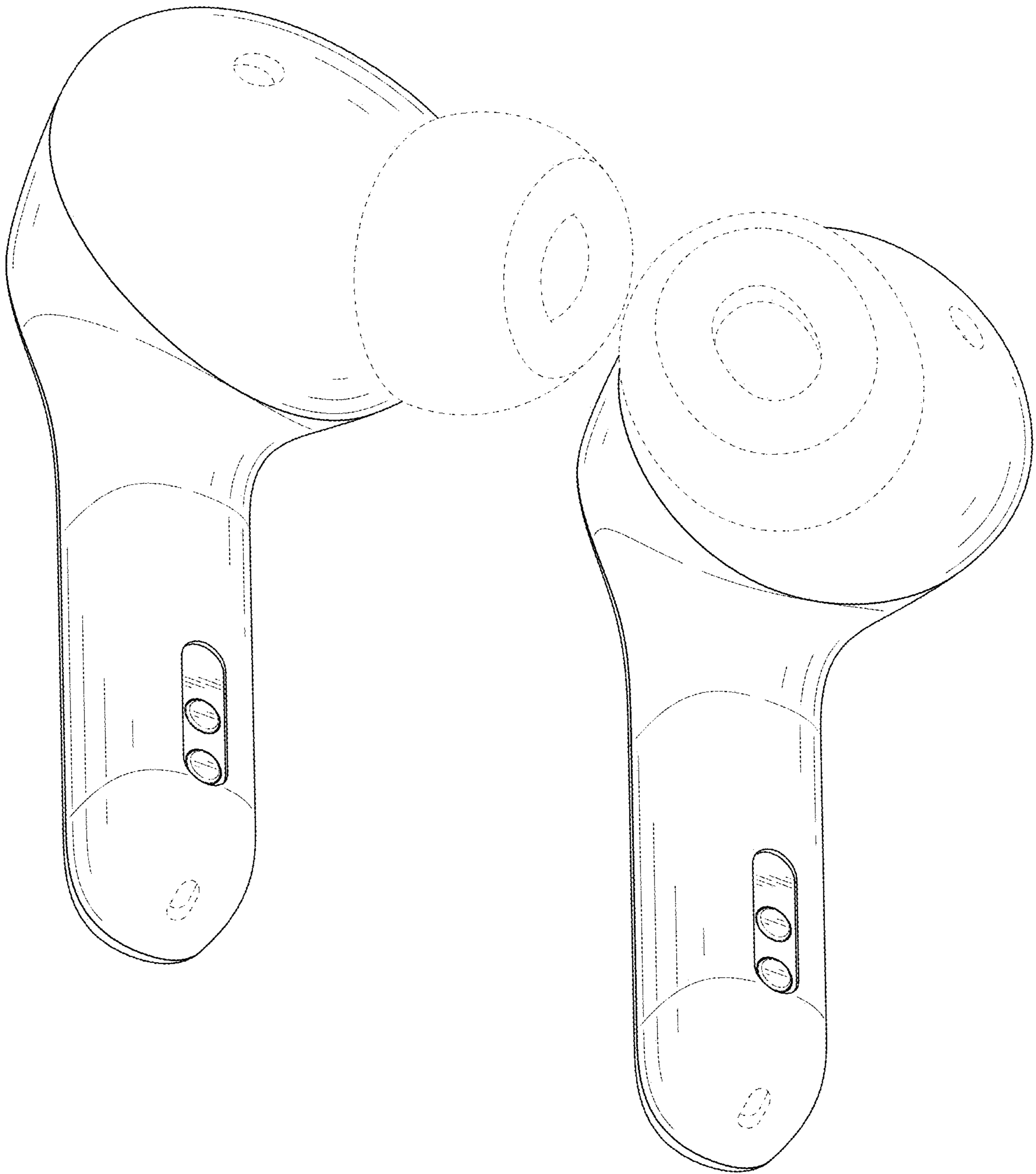


FIG. 2

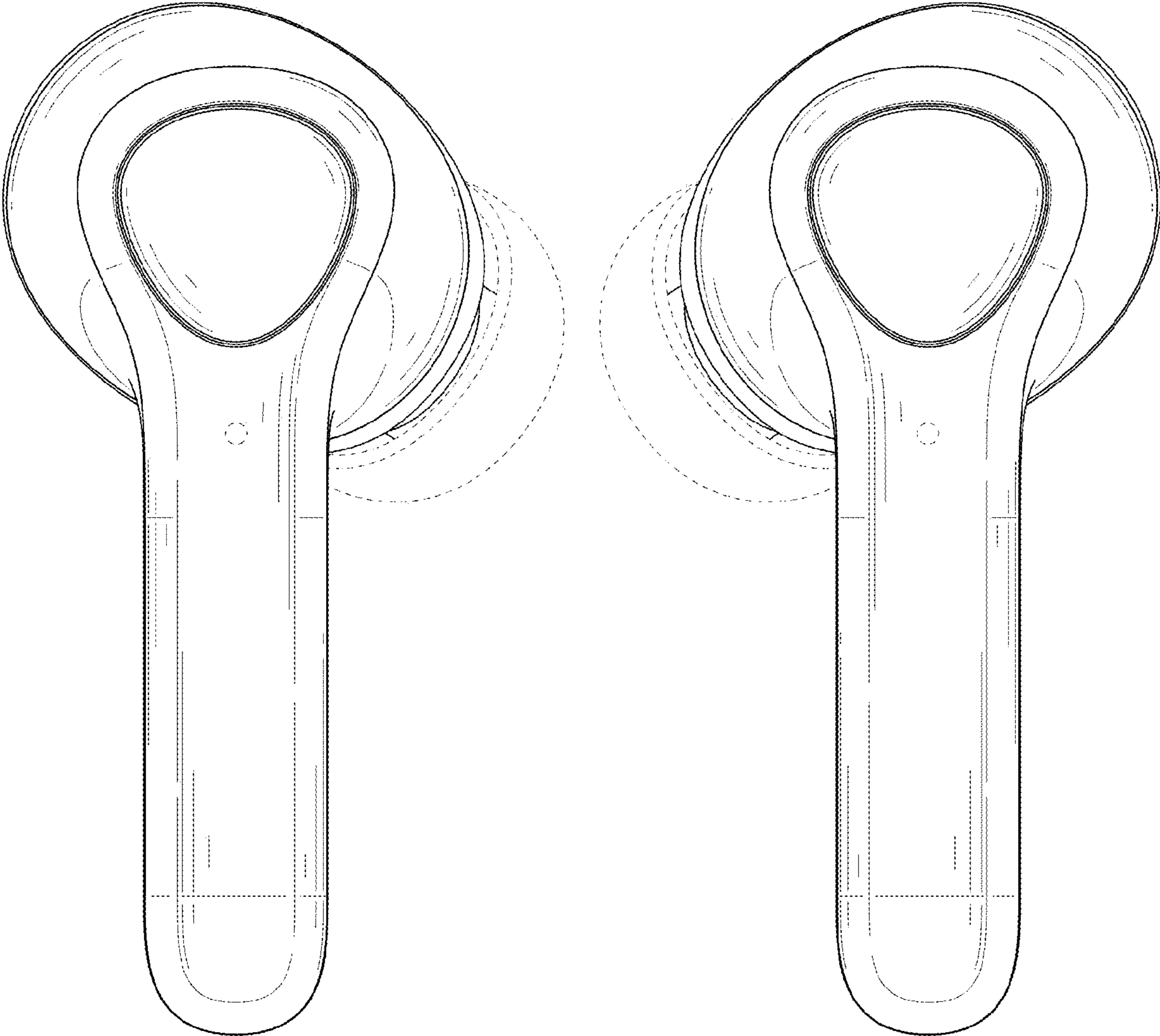


FIG. 3

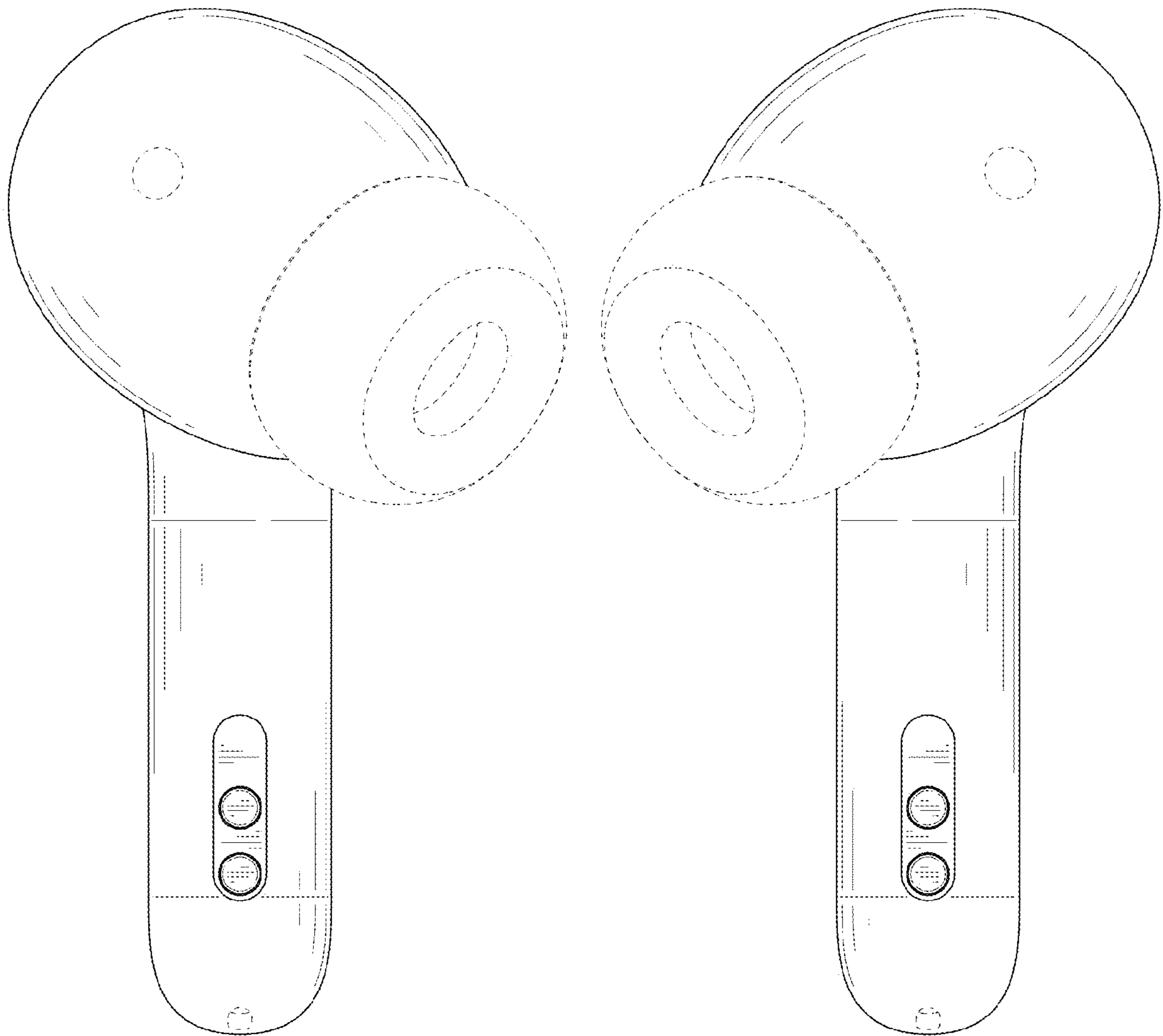


FIG. 4

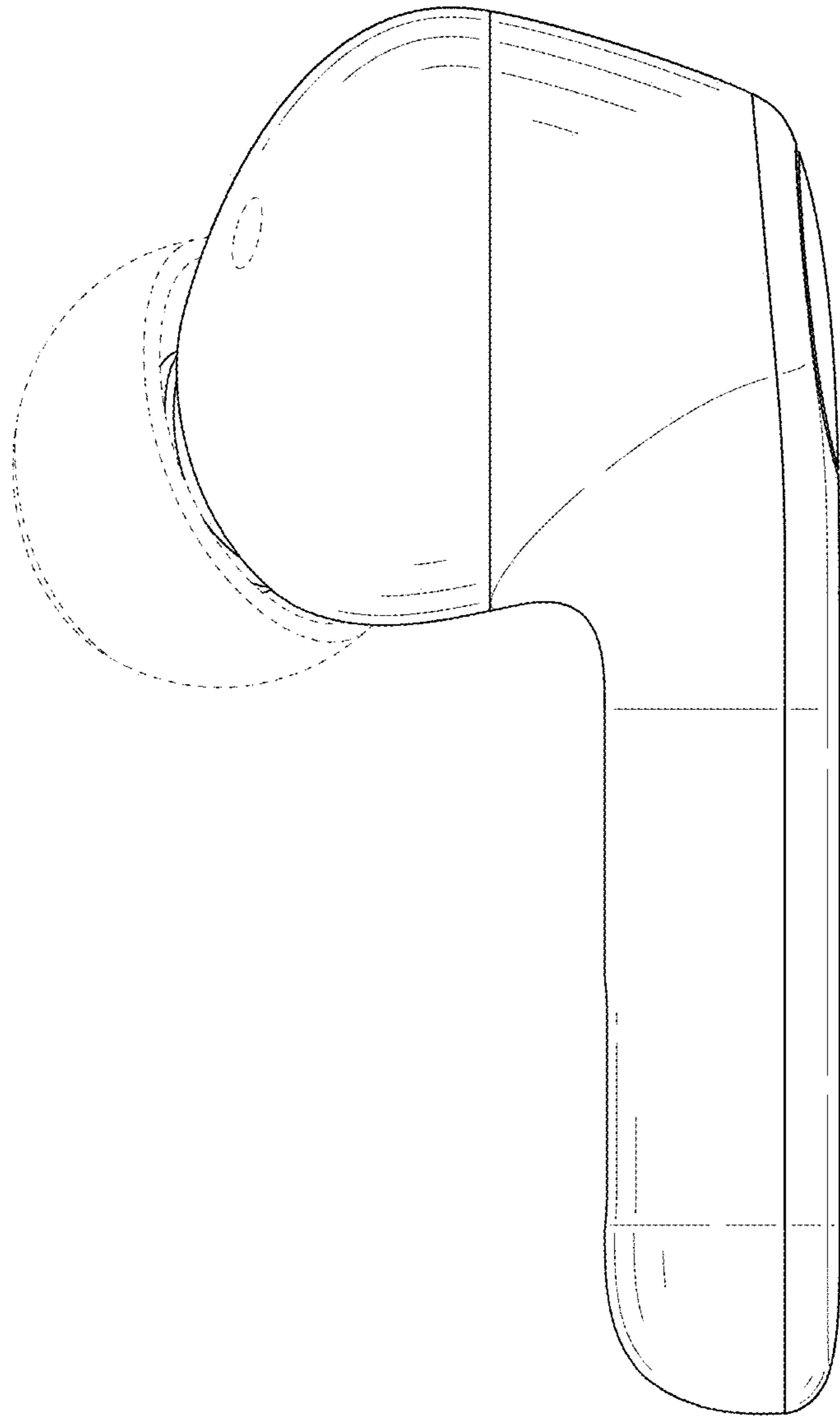


FIG. 5

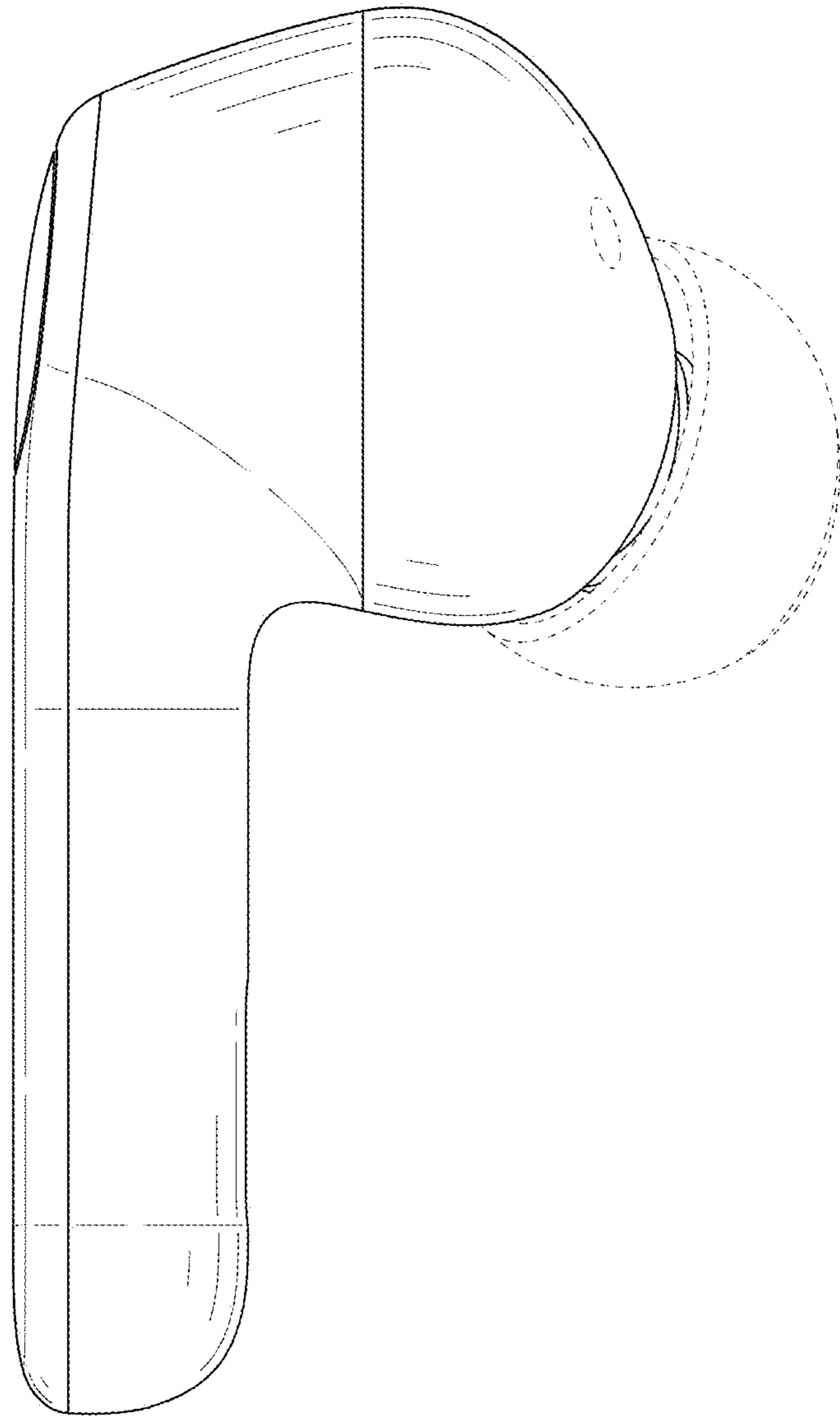


FIG. 6

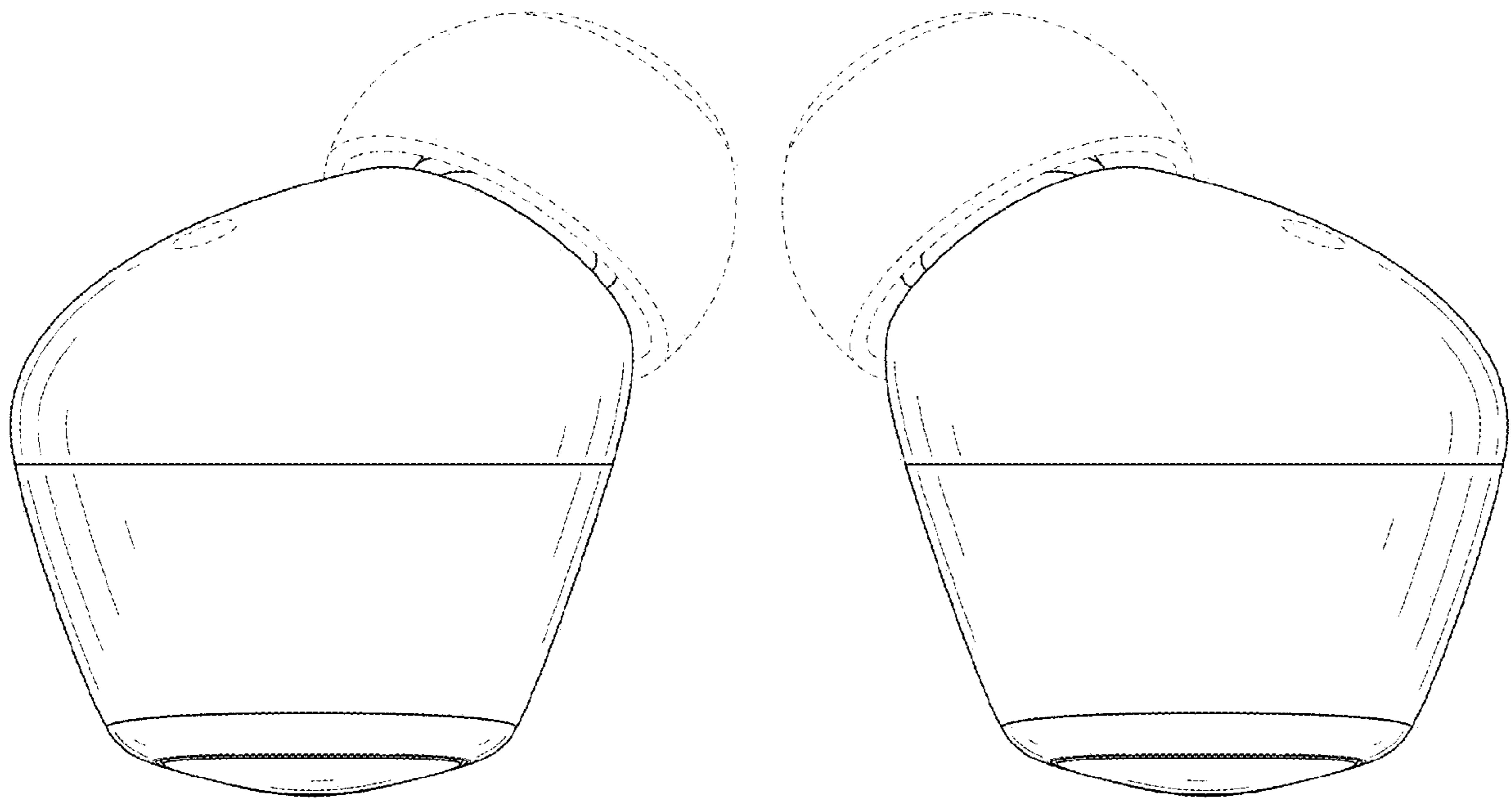


FIG. 7

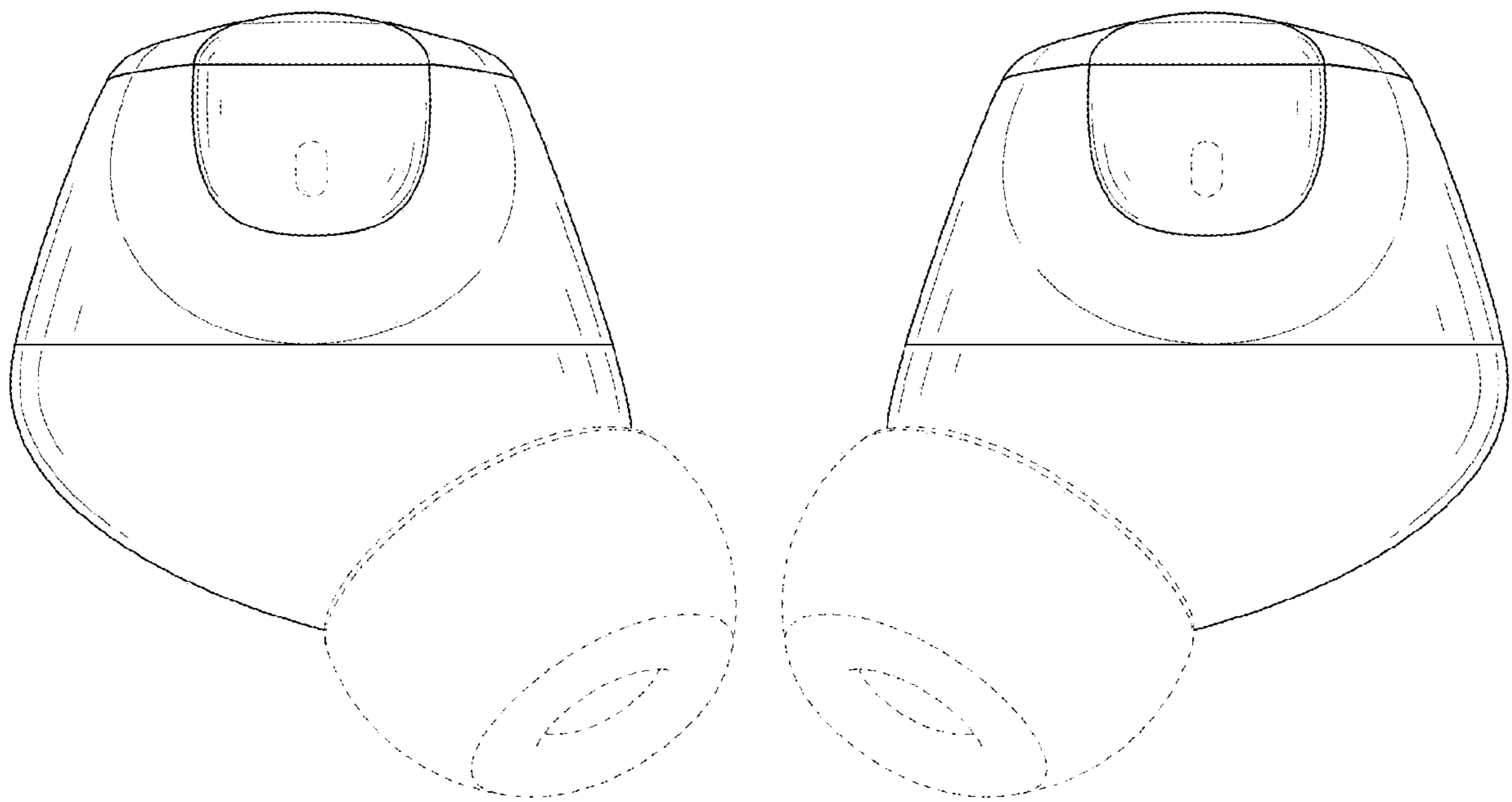


FIG. 8

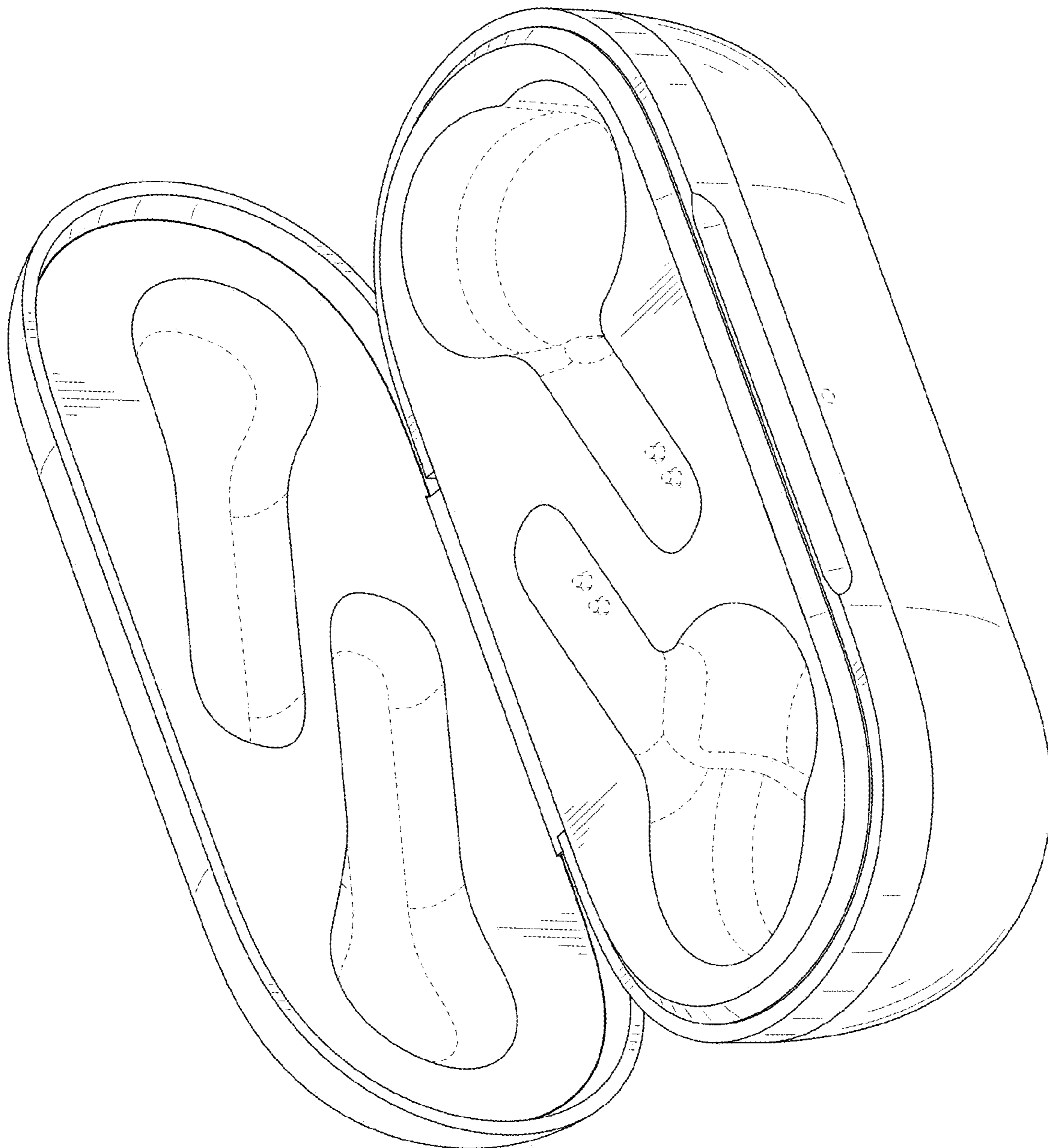


FIG. 9

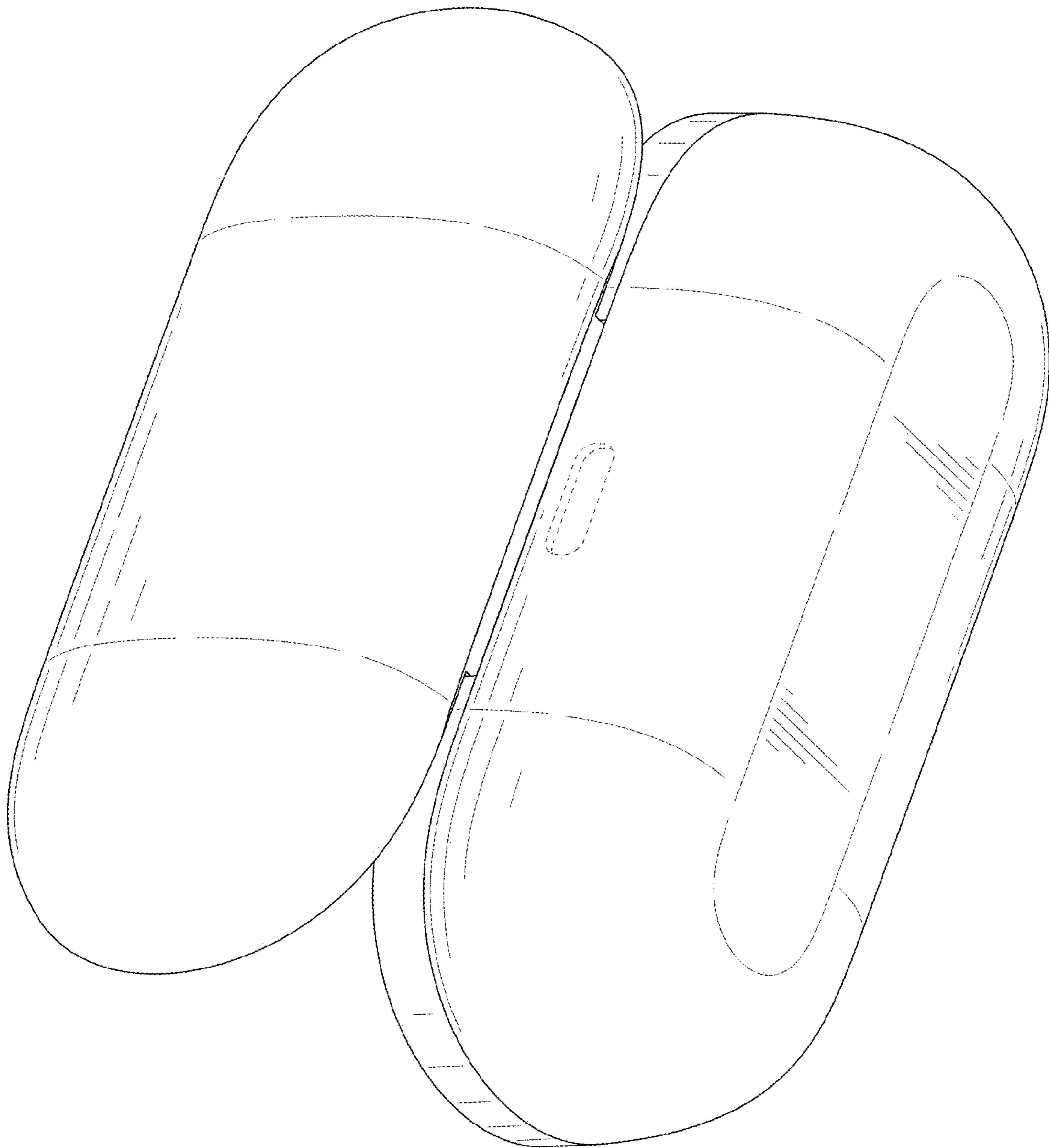


FIG. 10

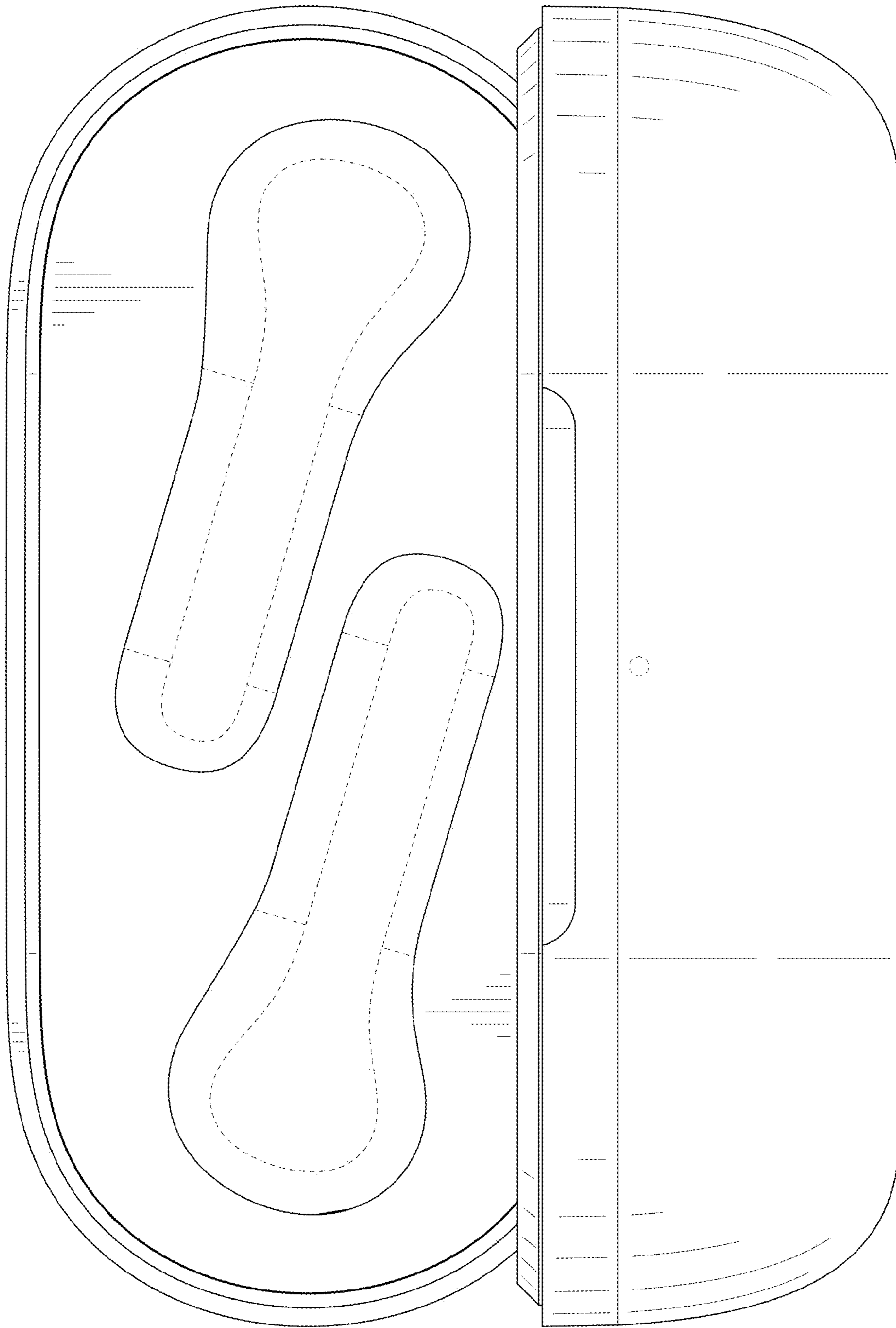


FIG. 11

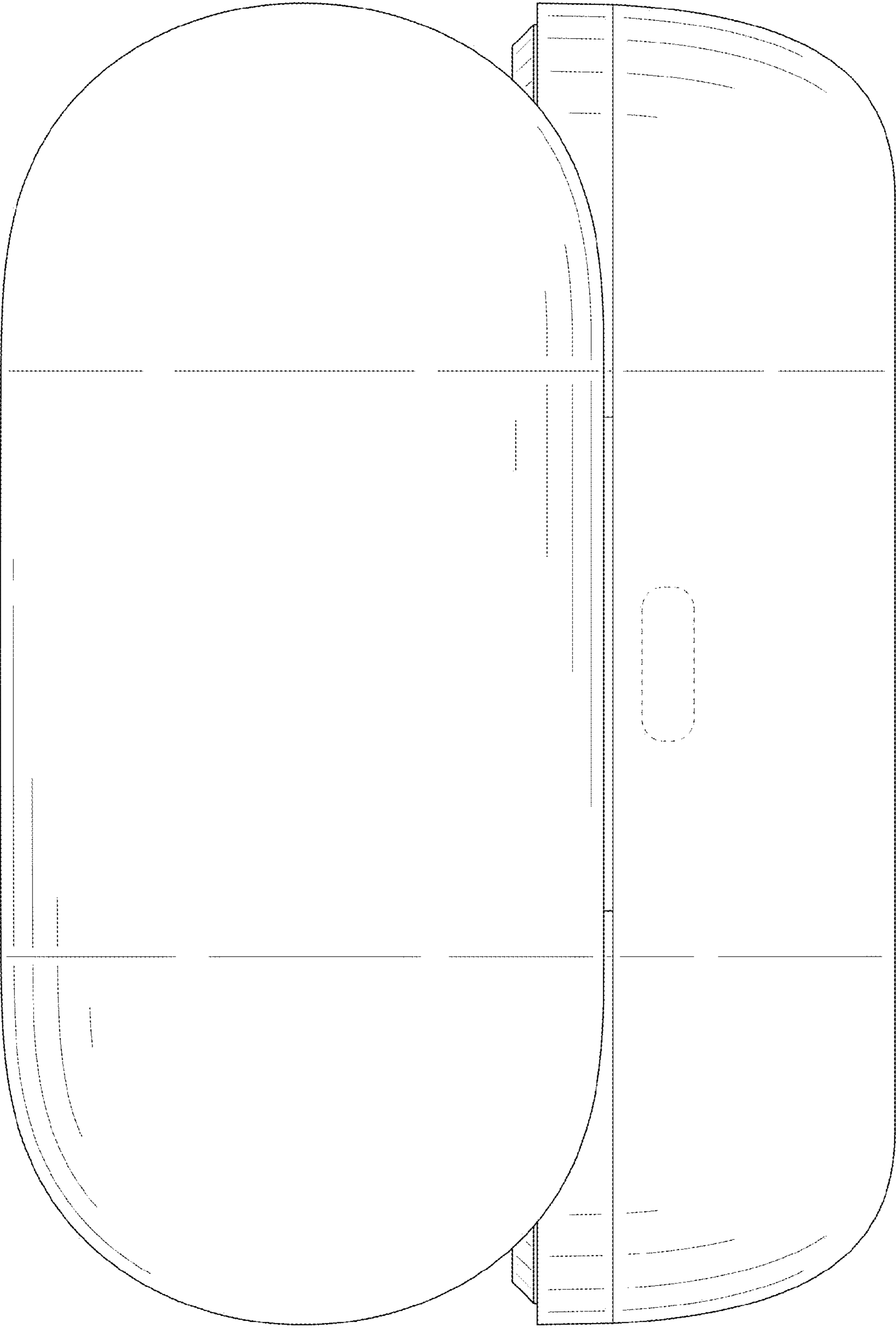


FIG.12

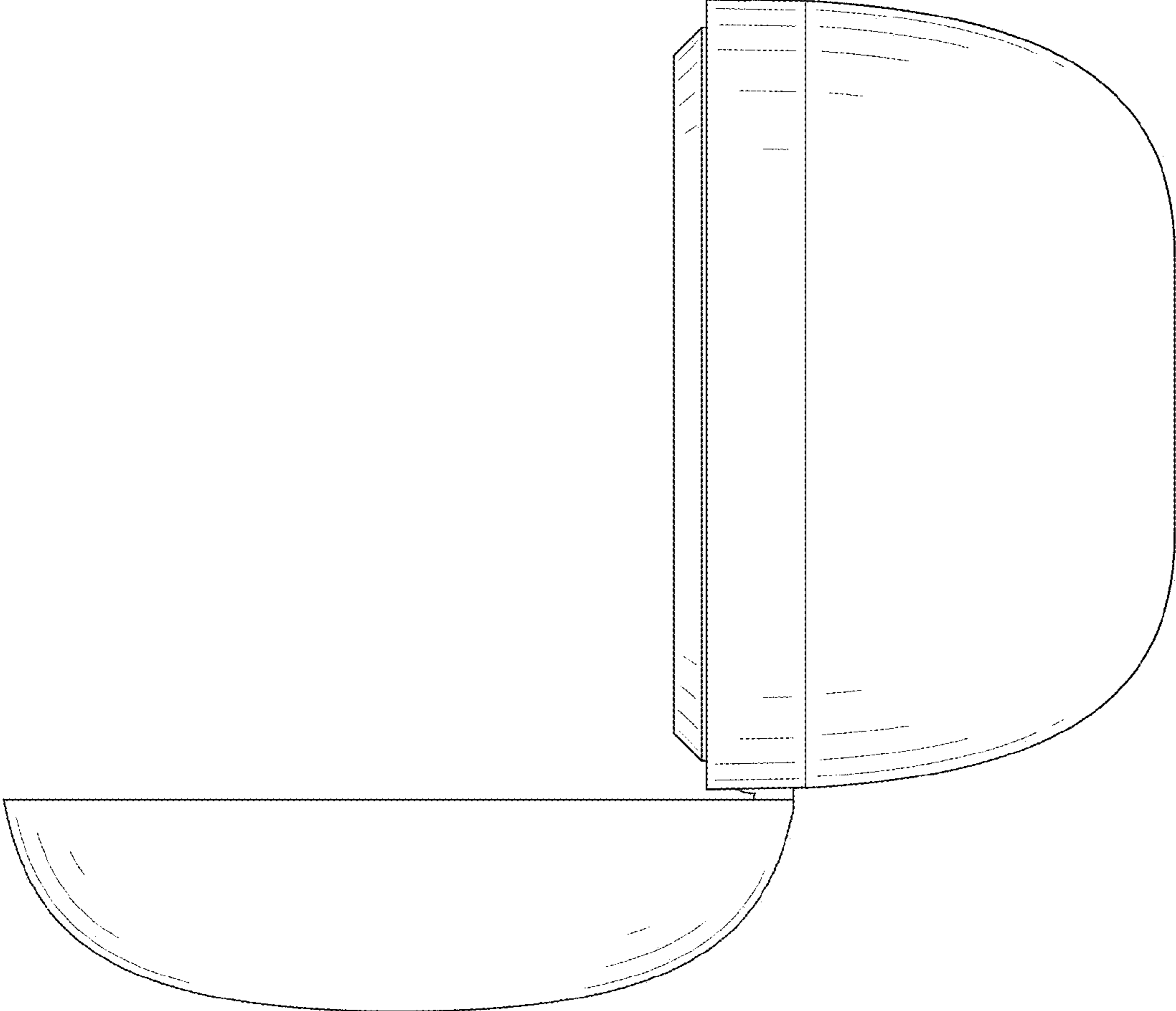


FIG. 13

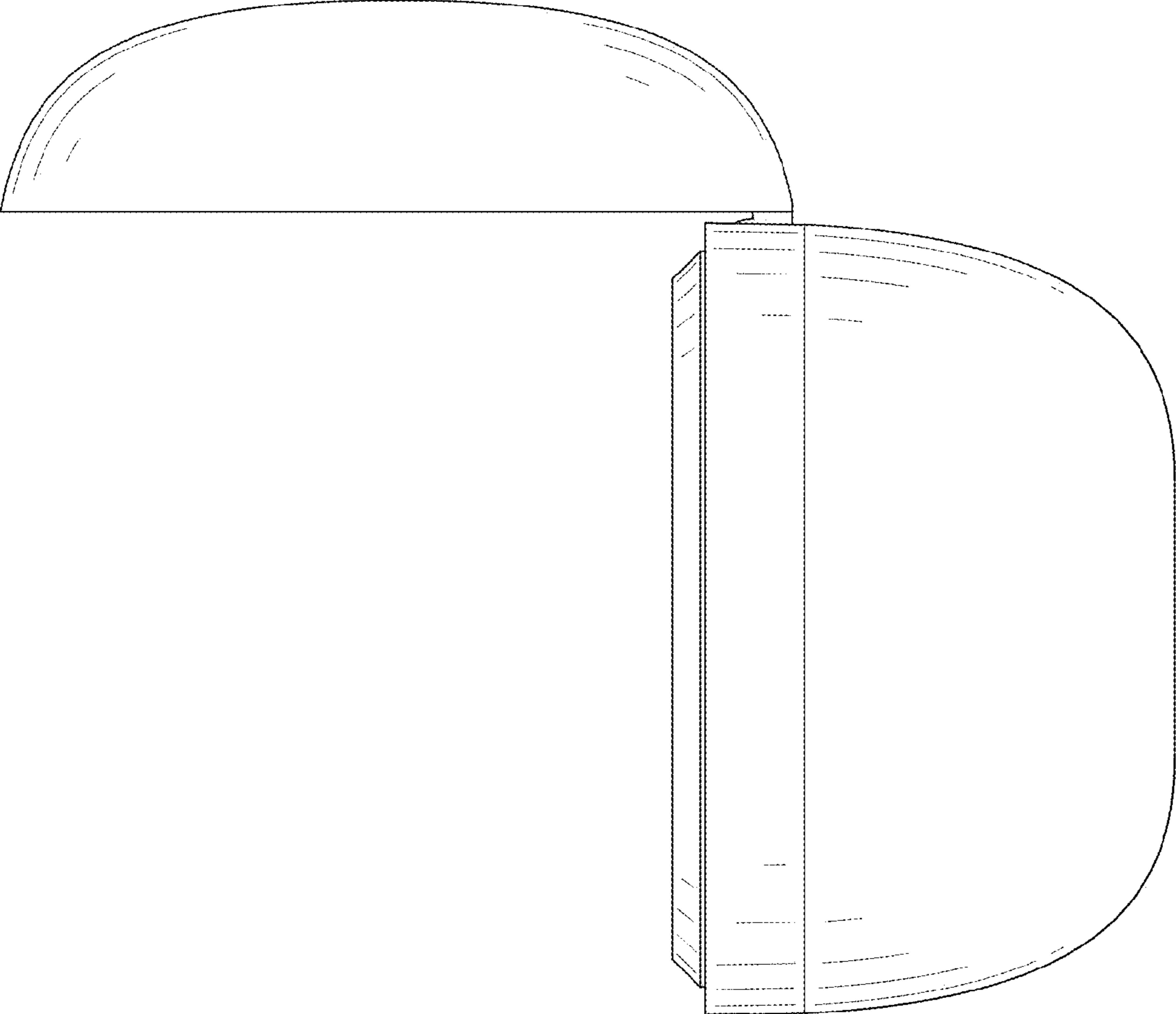


FIG. 14

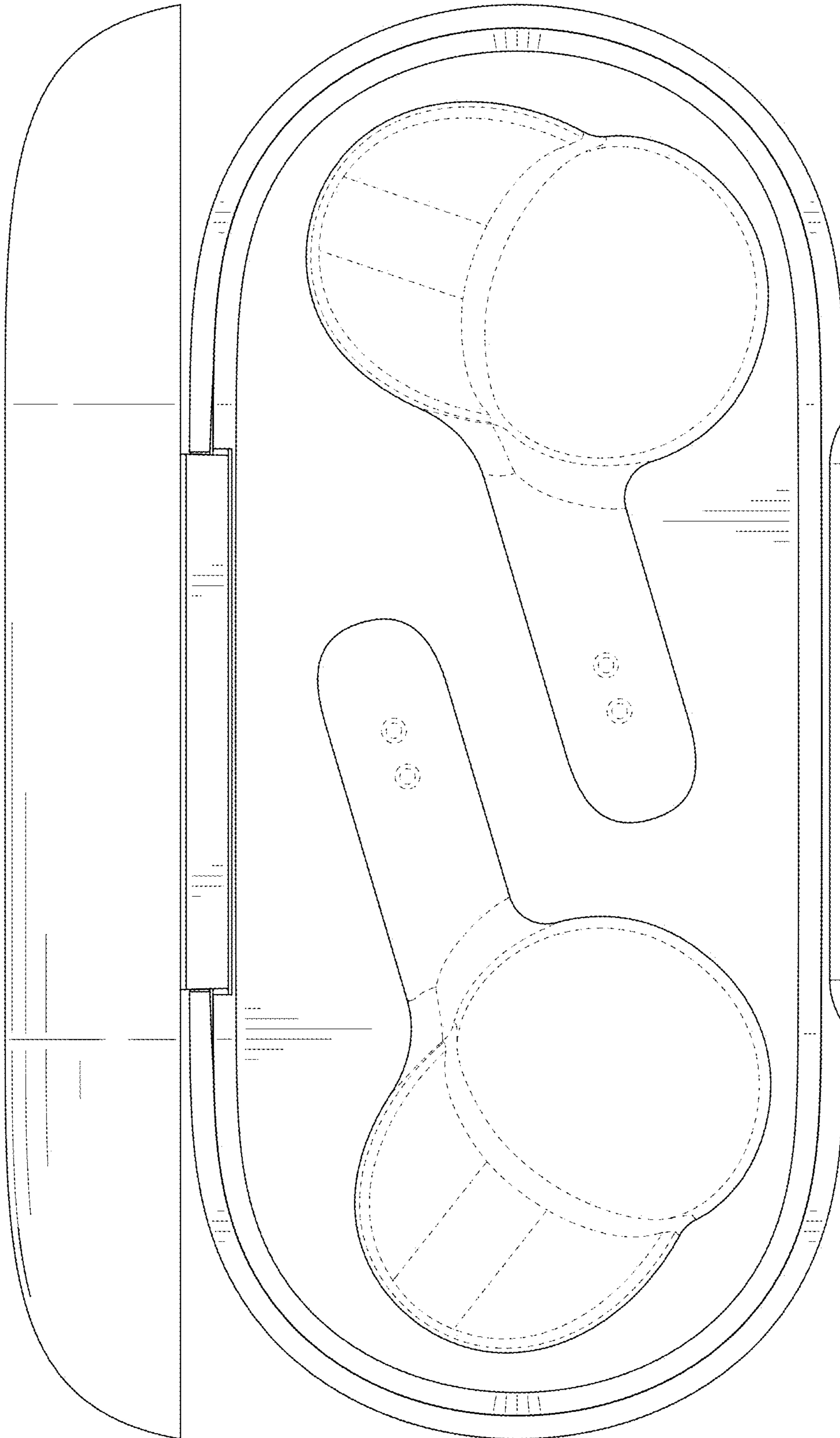


FIG. 15

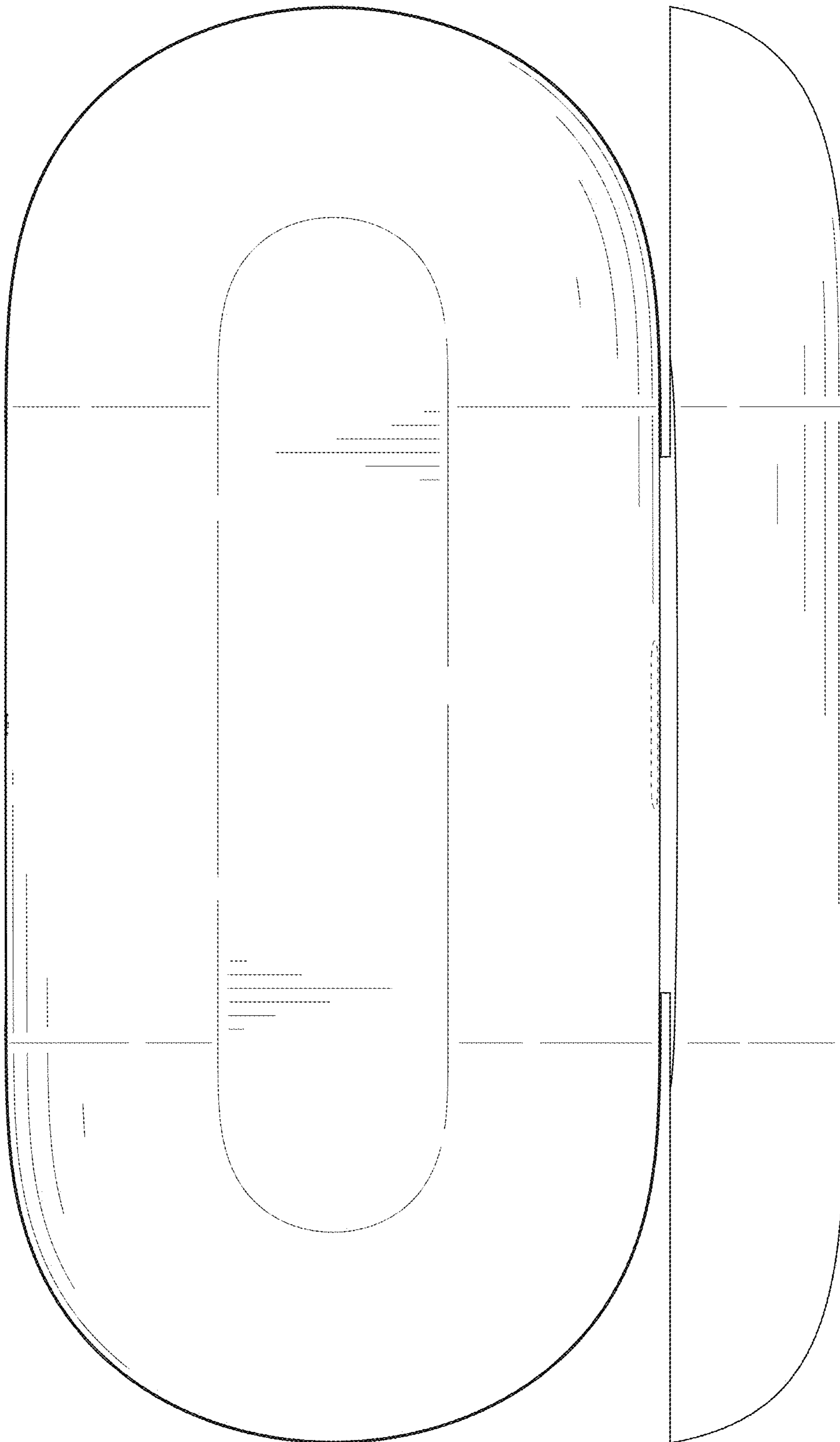


FIG.16

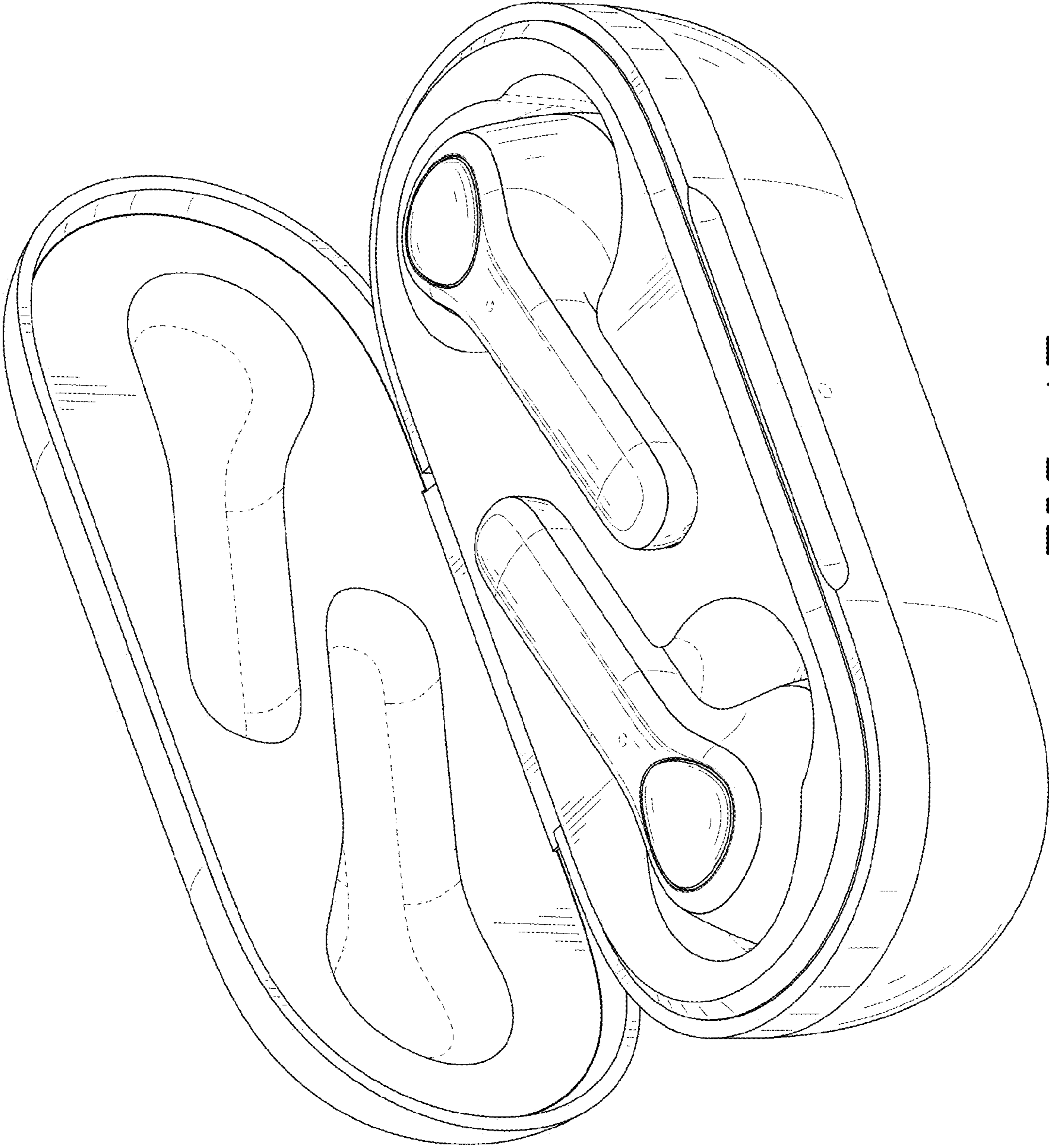


FIG. 17

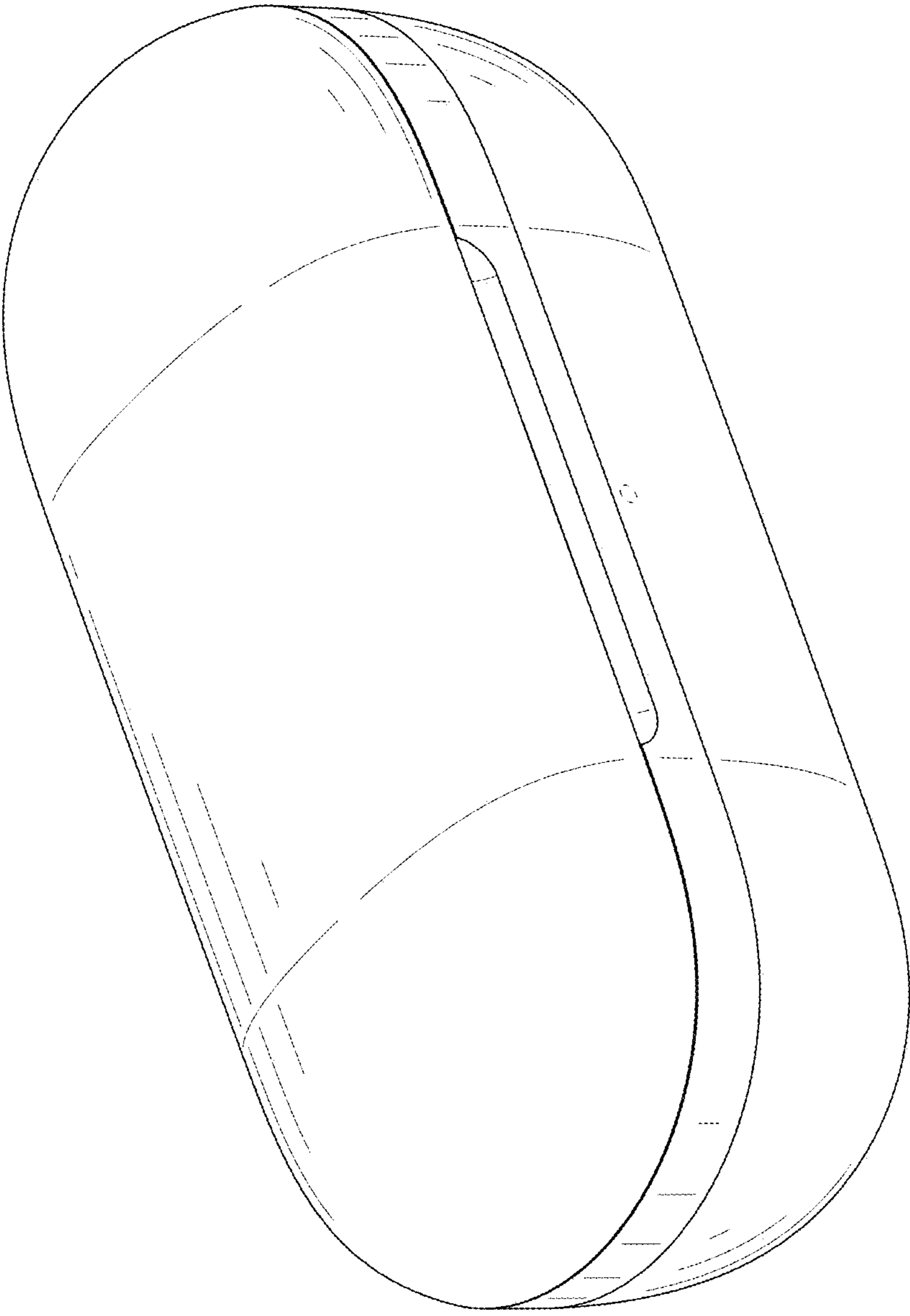


FIG. 18