



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

(10) **Patent No.:** **US D940,692 S**
(45) **Date of Patent:** **** Jan. 11, 2022**

(54) **EARPHONE SET**
(71) Applicant: **Wenxue Quan**, Shenzhen (CN)
(72) Inventor: **Wenxue Quan**, Shenzhen (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/778,806**
(22) Filed: **Apr. 15, 2021**
(51) **LOC (13) Cl.** **14-01**
(52) **U.S. Cl.**
USPC **D14/223**
(58) **Field of Classification Search**
USPC D14/223, 205, 224; D24/174; 128/864,
128/865, 866; D13/108; D3/218, 294,
D3/274, 273; 229/123.1, 125.5;
220/524, 4.23, 23.8; 383/210; D28/83,
D28/78, 88; 381/380, 381, 322, 328
CPC H04R 1/10; H04R 1/1025; H04R 25/00;
H04R 25/02; H04R 1/1066; H04R
1/1016; H04R 5/033; H04R 5/0335;
B65D 43/16; B65D 85/00; H02J 7/0044;
H02J 7/0045
See application file for complete search history.

D886,453 S * 6/2020 Wright D3/294
D888,408 S * 6/2020 Lee D3/201
D892,498 S * 8/2020 Wright D3/294
(Continued)

FOREIGN PATENT DOCUMENTS

EM 007743737-0001 * 3/2020
EM 008062434 8/2020
(Continued)

Primary Examiner — Paula Allen Greene

(57) **CLAIM**

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

DESCRIPTION

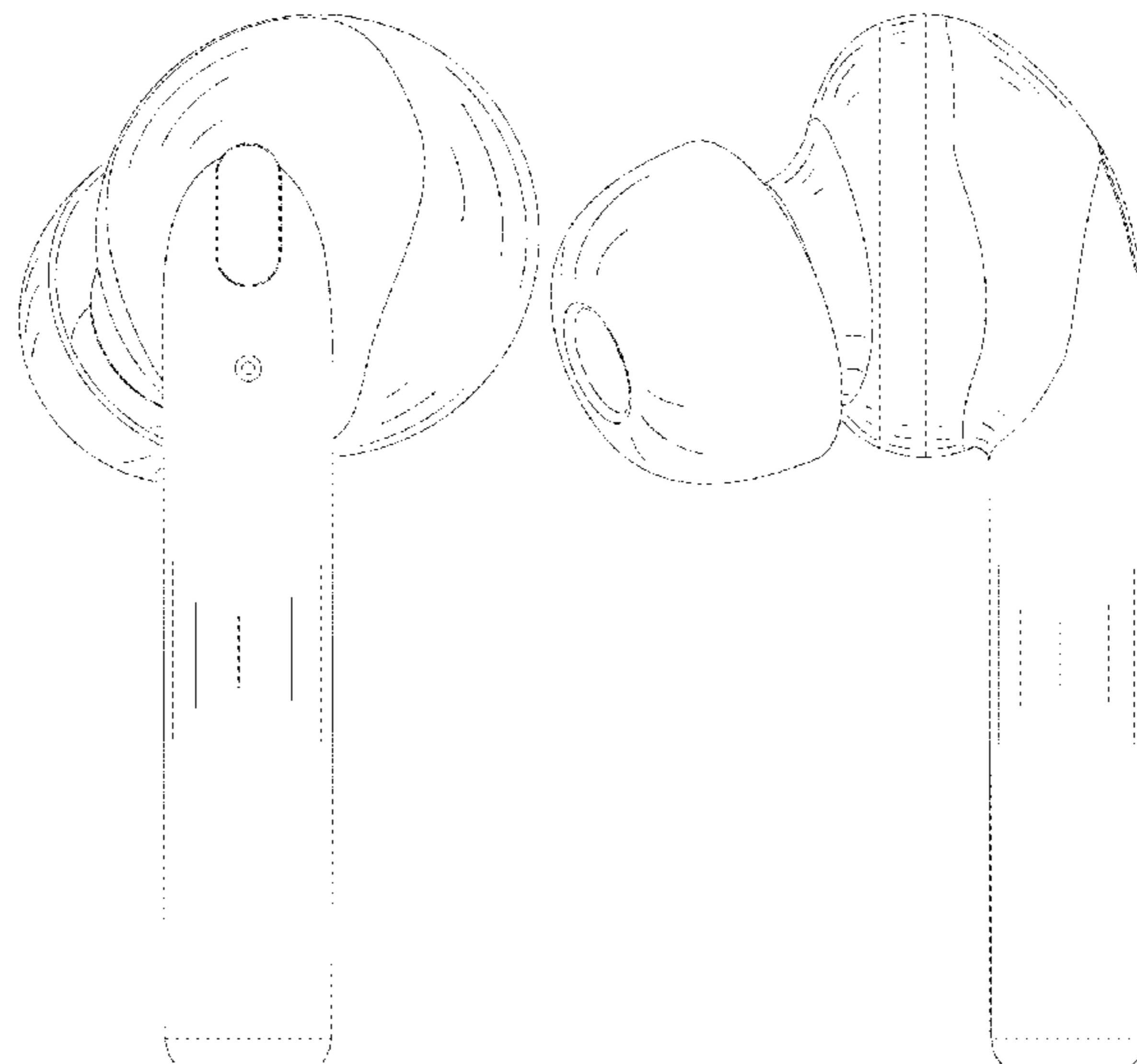
FIG. 1 is a front, bottom perspective view of an earphone of the earphone set showing my new design; FIG. 2 is a rear, top perspective view thereof; FIG. 3 is a front elevation view thereof; FIG. 4 is a rear elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a right side elevation view thereof; FIG. 7 is a top plan view thereof; FIG. 8 is a bottom plan view thereof; FIG. 9 is a front, top perspective view of a storage box of the earphone set showing my new design; FIG. 10 is a rear, bottom perspective view thereof; FIG. 11 is a front elevation view thereof; FIG. 12 is a rear elevation view thereof; FIG. 13 is a left side elevation view thereof; FIG. 14 is a right side elevation view thereof; FIG. 15 is a top plan view thereof; FIG. 16 is a bottom plan view thereof; and, FIG. 17 is a front, top perspective view of an earphone set showing my new design.
The broken lines in the figures depict the portions that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,837,372 B1 * 1/2005 Aramaki G11B 33/0438
206/308.3
D662,493 S * 6/2012 Chen D14/223
D806,388 S * 1/2018 Akana D3/294
D818,268 S * 5/2018 Akana D3/294
D841,580 S * 2/2019 Bao D13/108
D847,125 S * 4/2019 Akana D14/223
D849,401 S * 5/2019 Akana D3/274
D853,357 S * 7/2019 Li D14/217
D864,971 S * 10/2019 Lee D14/440
D868,453 S * 12/2019 Lee D3/201
D873,217 S * 1/2020 Zhang D13/108
D878,045 S * 3/2020 Akana D3/274
D881,572 S * 4/2020 Wang D3/294

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D893,166 S * 8/2020 Lu D3/201
 D893,184 S * 8/2020 Liu D3/294
 D895,582 S * 9/2020 Wu D14/223
 D897,678 S * 10/2020 Koh D3/294
 D897,997 S * 10/2020 Zhang D14/223
 D898,664 S * 10/2020 Bhutani D13/108
 D901,177 S * 11/2020 Wei D3/294
 D902,588 S * 11/2020 Zhang D3/294
 D903,639 S * 12/2020 Yang D14/223
 D904,023 S * 12/2020 Wang D3/294
 D904,025 S * 12/2020 Ma D3/295
 D904,351 S * 12/2020 Zhang D14/223
 D905,019 S * 12/2020 Liu D14/223
 D906,297 S * 12/2020 Akana D14/223
 D906,299 S * 12/2020 Luo D14/223
 D907,008 S * 1/2021 Yao D14/223
 D907,009 S * 1/2021 Akana D14/223
 D908,345 S * 1/2021 He D3/201
 D908,665 S * 1/2021 Wen D14/223
 D909,347 S * 2/2021 Akana D14/223
 D910,600 S * 2/2021 Zhang D14/223
 D922,315 S * 6/2021 Zhang D13/108
 D927,465 S * 8/2021 Wang D14/223
 D928,126 S * 8/2021 Chen D14/223
 D929,969 S * 9/2021 Ding D14/223
 D930,621 S * 9/2021 Rong D14/223
 D930,623 S * 9/2021 Liu D14/223
 D931,258 S * 9/2021 Ding D14/223
 D931,838 S * 9/2021 Deng D14/223
 D932,428 S * 10/2021 Reimann D13/108

D932,468 S * 10/2021 Xin D14/223
 D933,595 S * 10/2021 Geng D13/108
 D934,202 S * 10/2021 Liu D14/223
 D934,563 S * 11/2021 Xiang D3/294
 2018/0091965 A1 * 3/2018 Watson H04W 52/0209
 2020/0068285 A1 * 2/2020 Dang H02J 50/005
 2020/0084532 A1 * 3/2020 Lo H02J 7/342
 2020/0107098 A1 * 4/2020 DiFonzo H01F 41/0246
 2020/0304898 A1 * 9/2020 Cohen H04R 1/02
 2021/0006889 A1 * 1/2021 Geng H02J 7/0045
 2021/0084402 A1 * 3/2021 Terlizzi H04R 1/1016
 2021/0160607 A1 * 5/2021 Liu H04B 1/3888
 2021/0274275 A1 * 9/2021 Daniels H04R 1/1041
 2021/0345031 A1 * 11/2021 DeMaio H04R 1/02
 2021/0351601 A1 * 11/2021 Chao H02J 7/0044

FOREIGN PATENT DOCUMENTS

EM 008060990 9/2020
 EM 008312359-0002 * 12/2020
 EM 008443071-0001 * 2/2021
 EM 008449664-0001 * 3/2021
 EM 008520050-0001 * 4/2021
 EM 008616395-0001 * 7/2021
 EM 008711774-0001 * 9/2021
 EM 008720411-0001 * 10/2021
 EM 008731269-0001 * 10/2021
 GB 6117182 * 2/2021
 GB 6122515 * 3/2021
 GB 6127883 * 4/2021
 JP D1694076 * 8/2021
 JP D1696912 * 9/2021

* cited by examiner

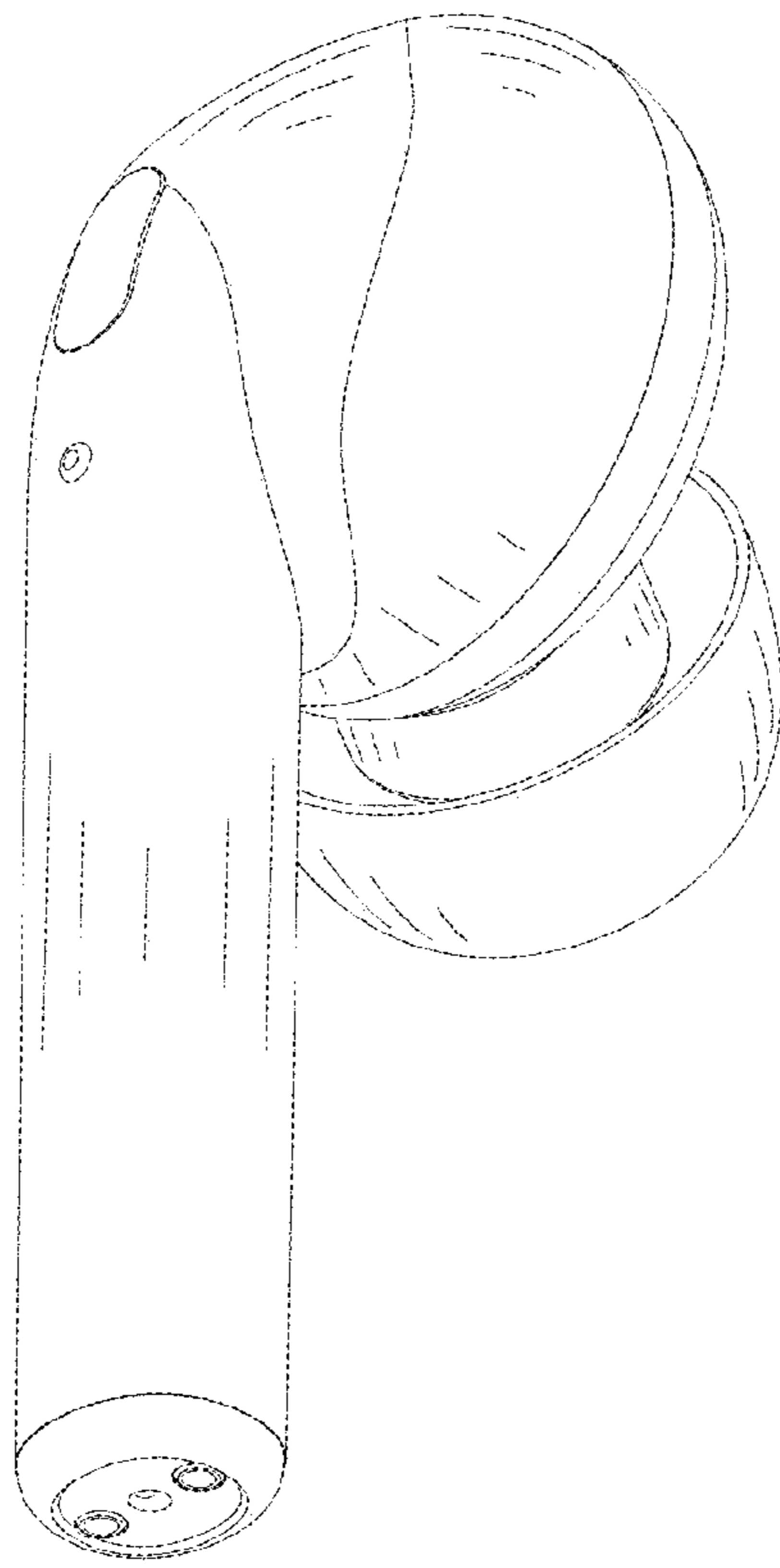


FIG. 1

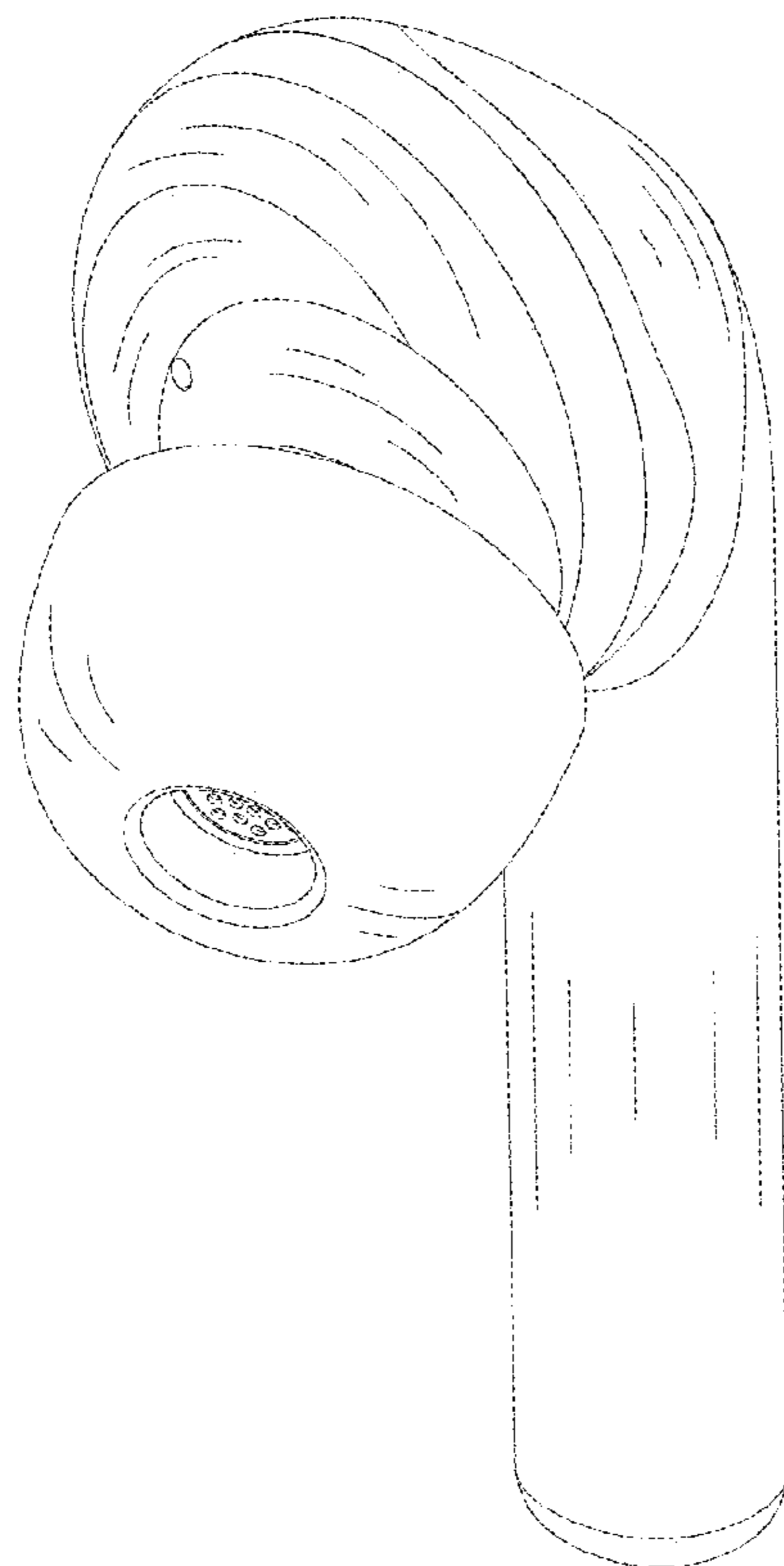


FIG. 2

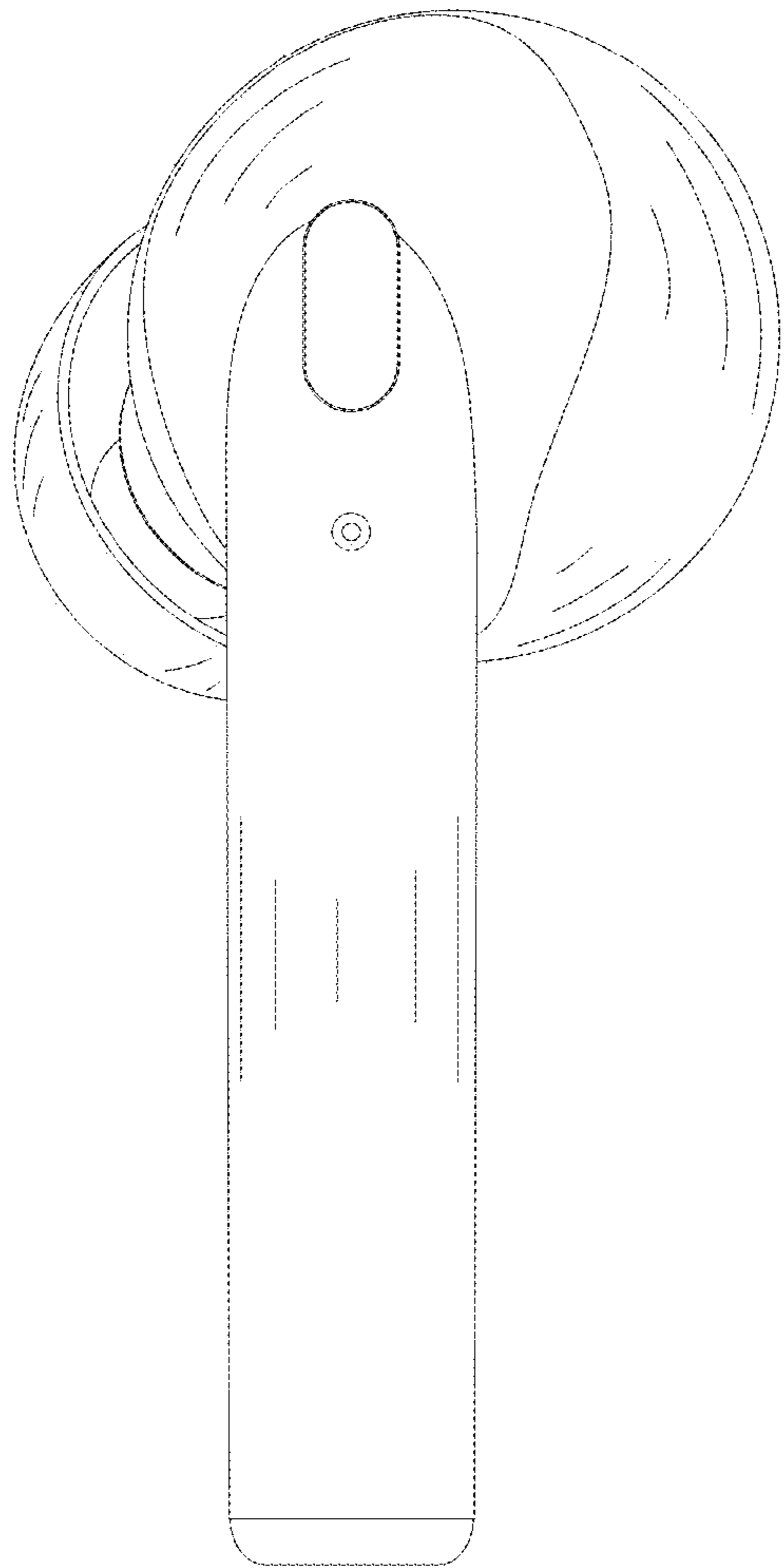


FIG. 3

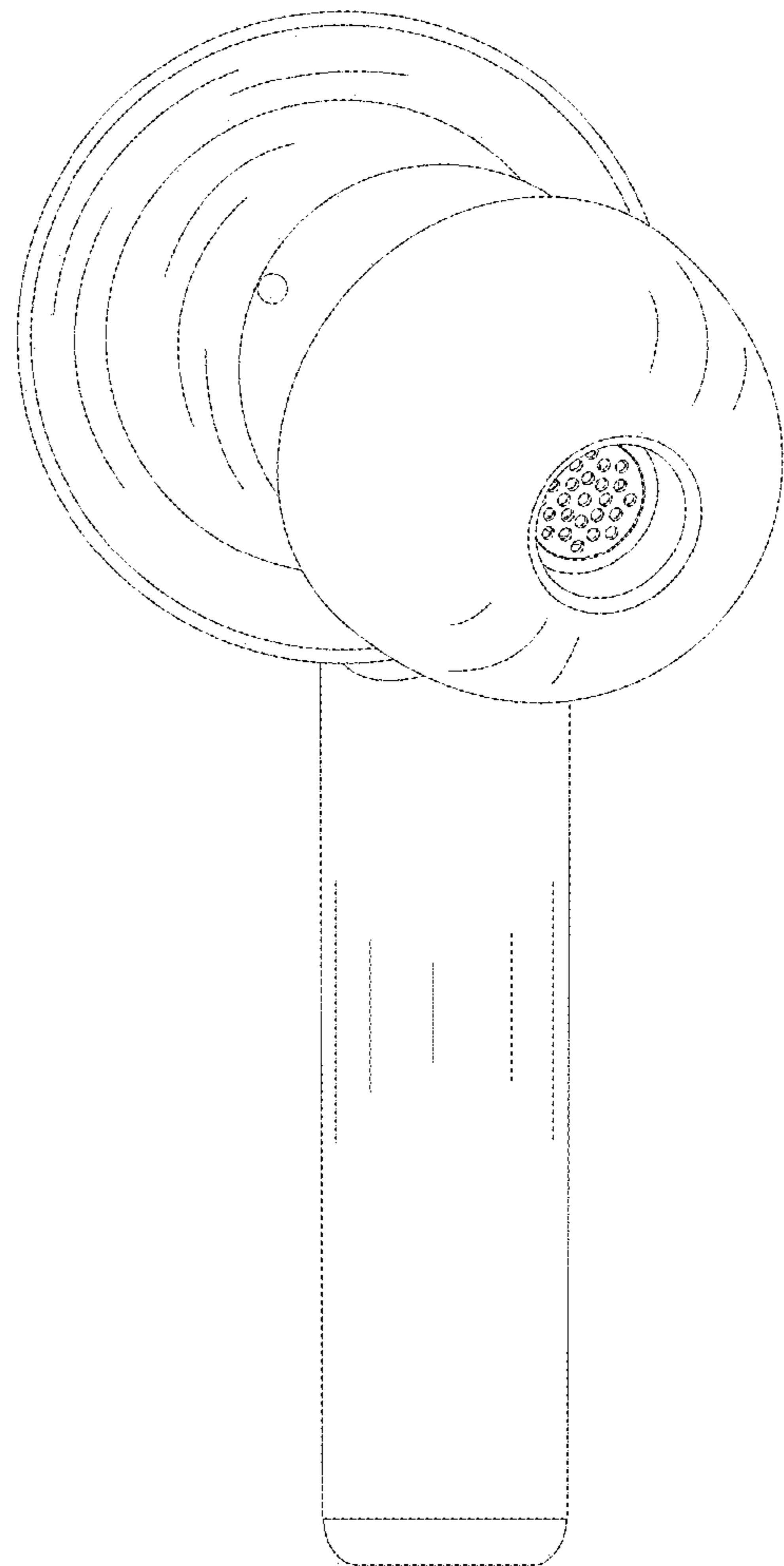


FIG. 4

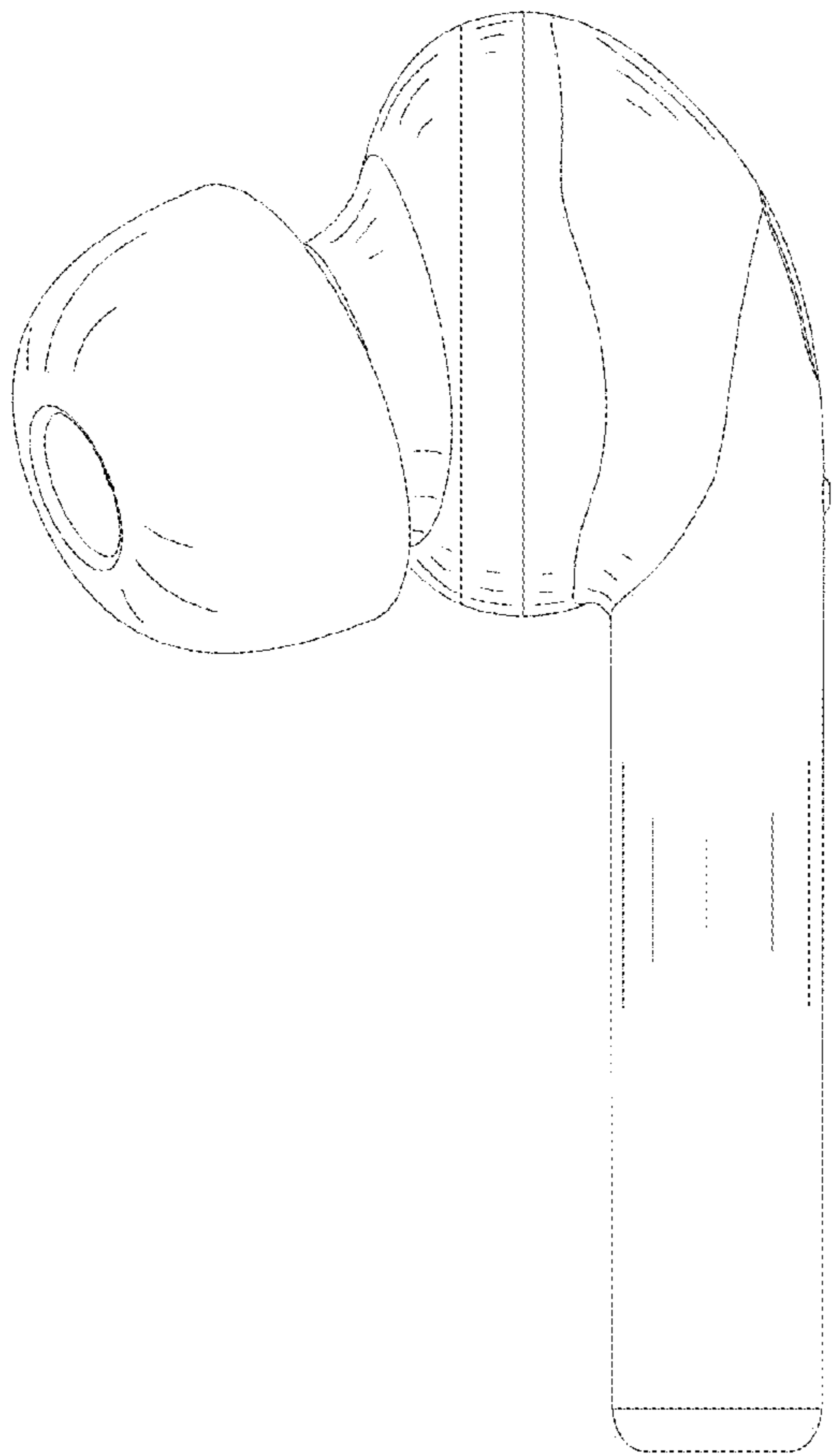


FIG. 5

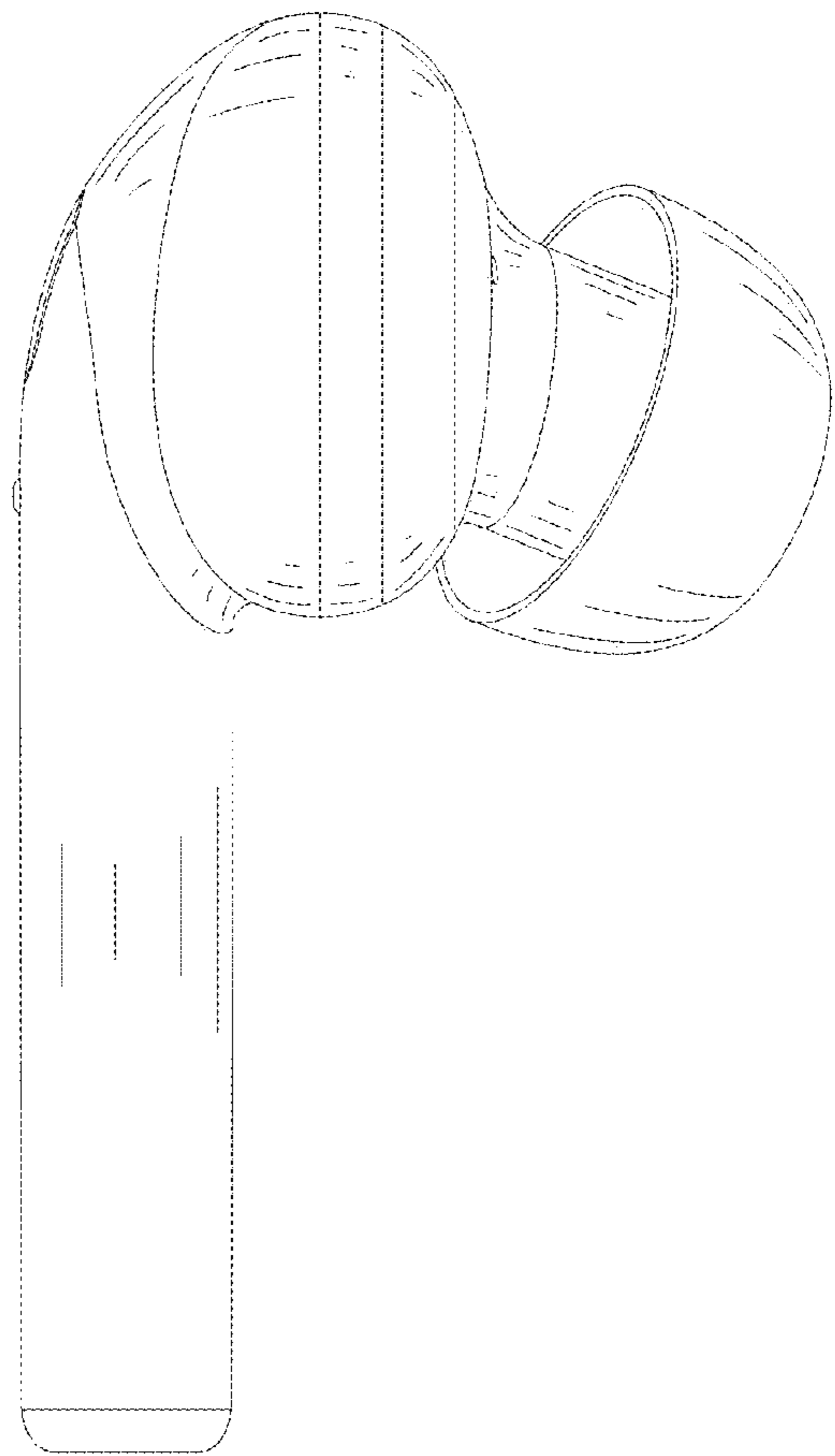


FIG. 6

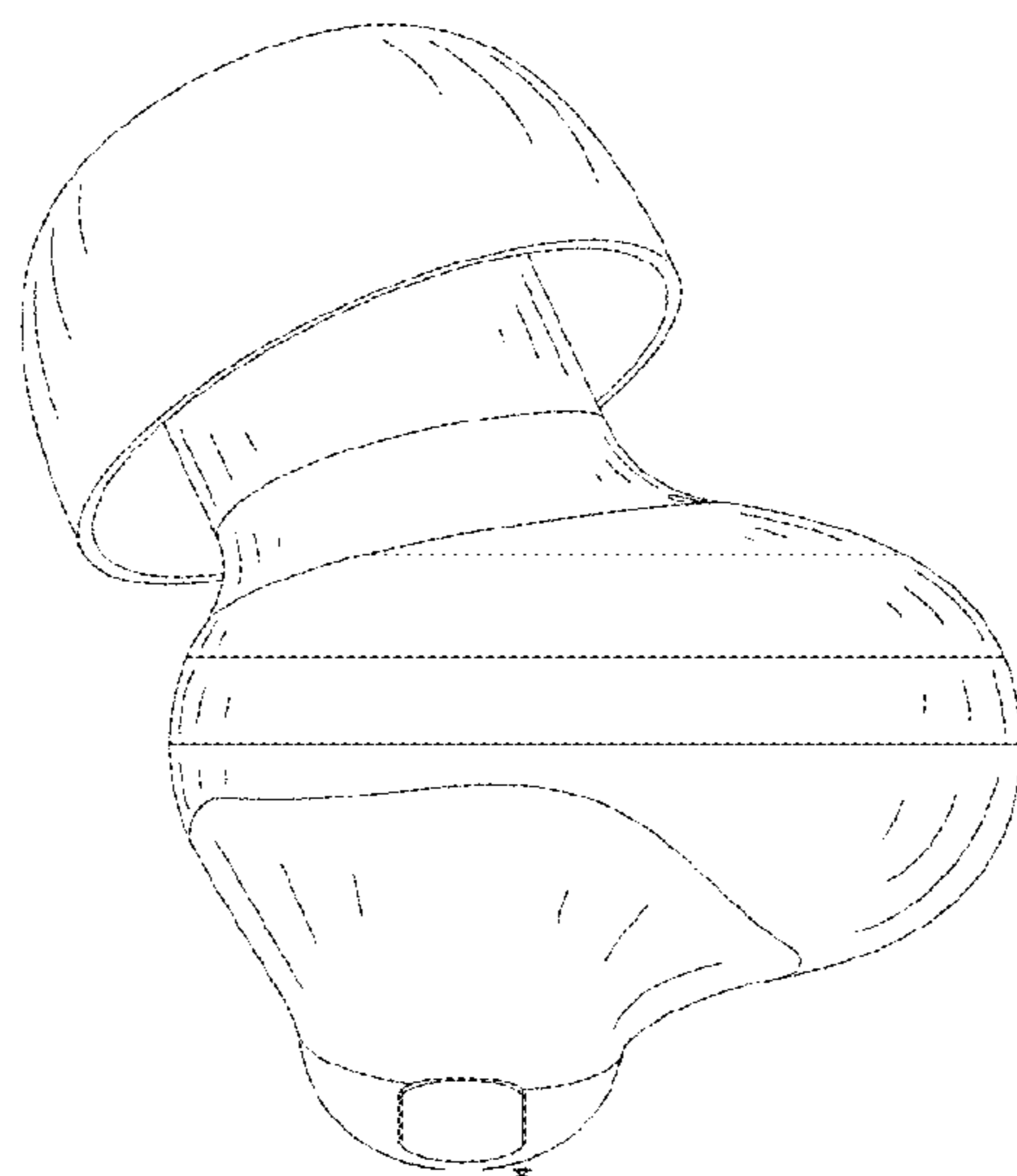


FIG. 7

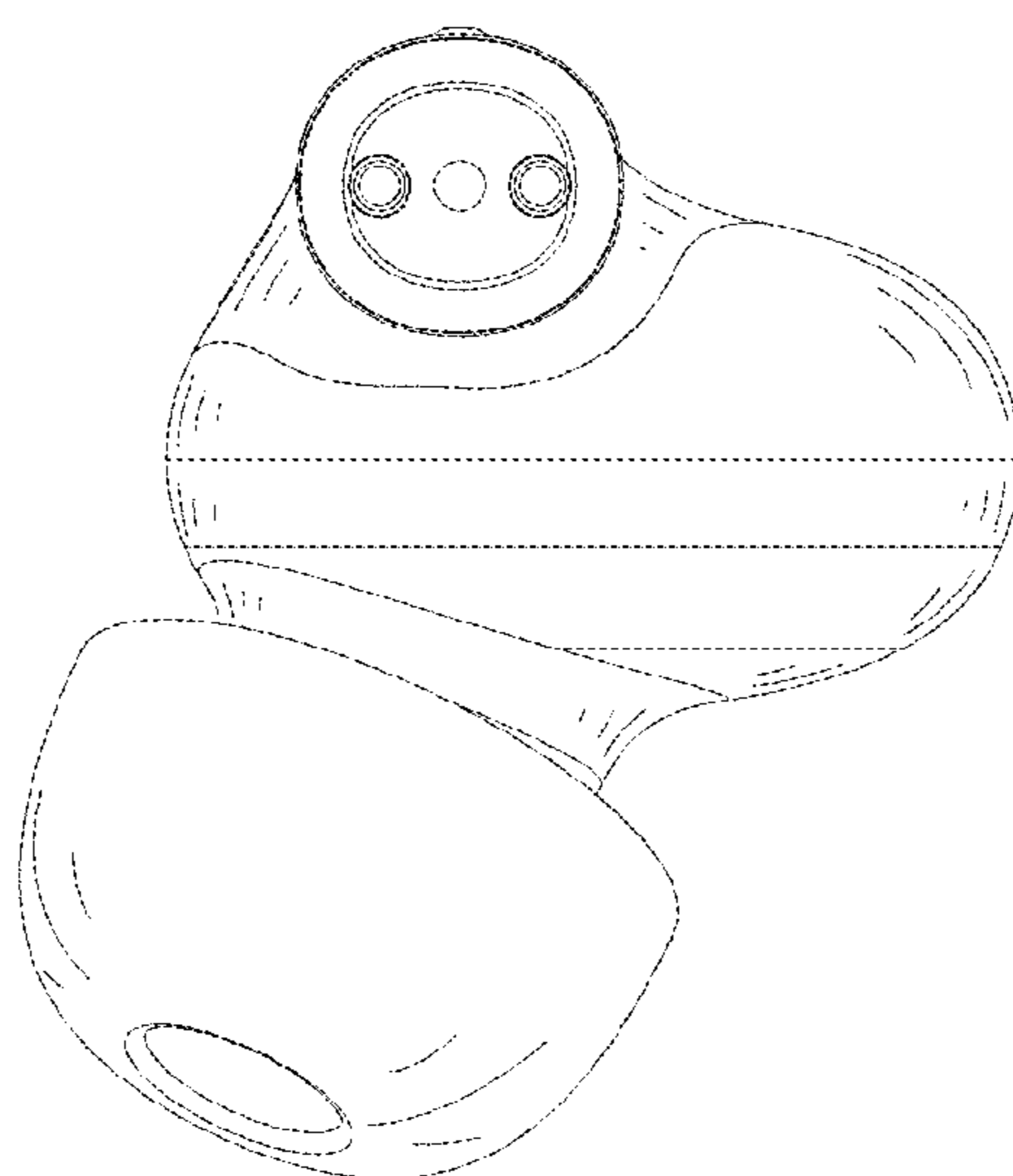


FIG. 8

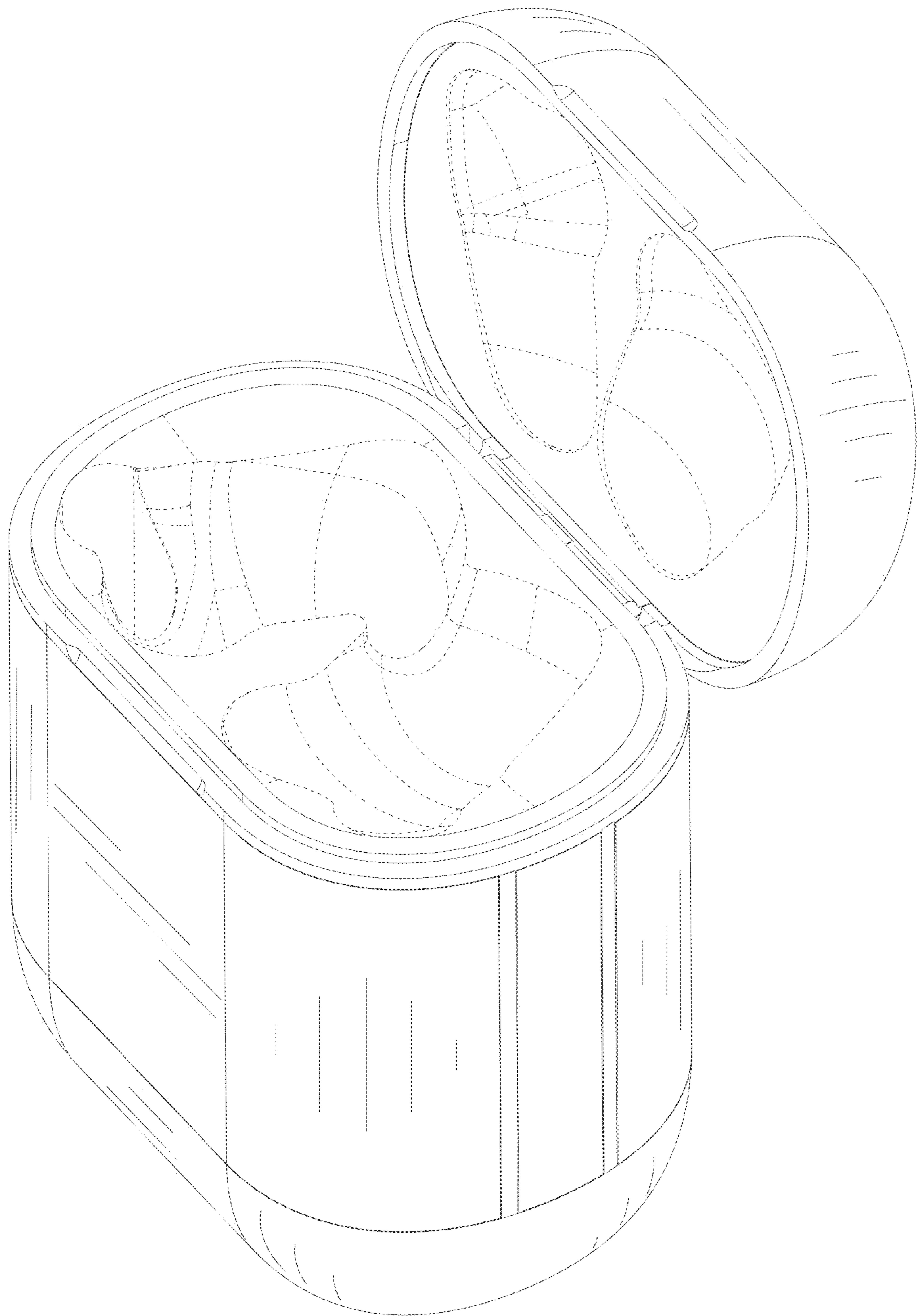


FIG. 9

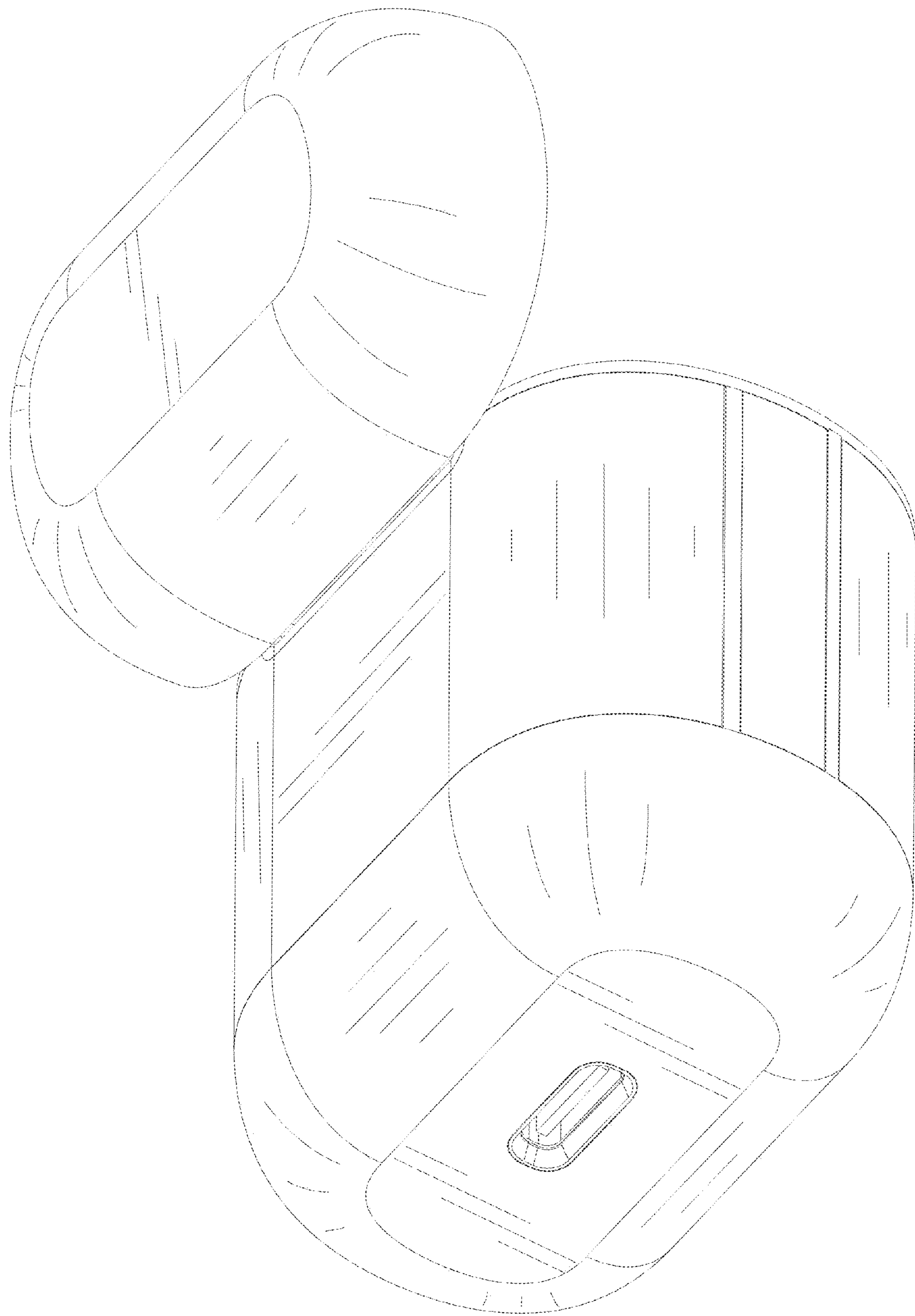


FIG. 10

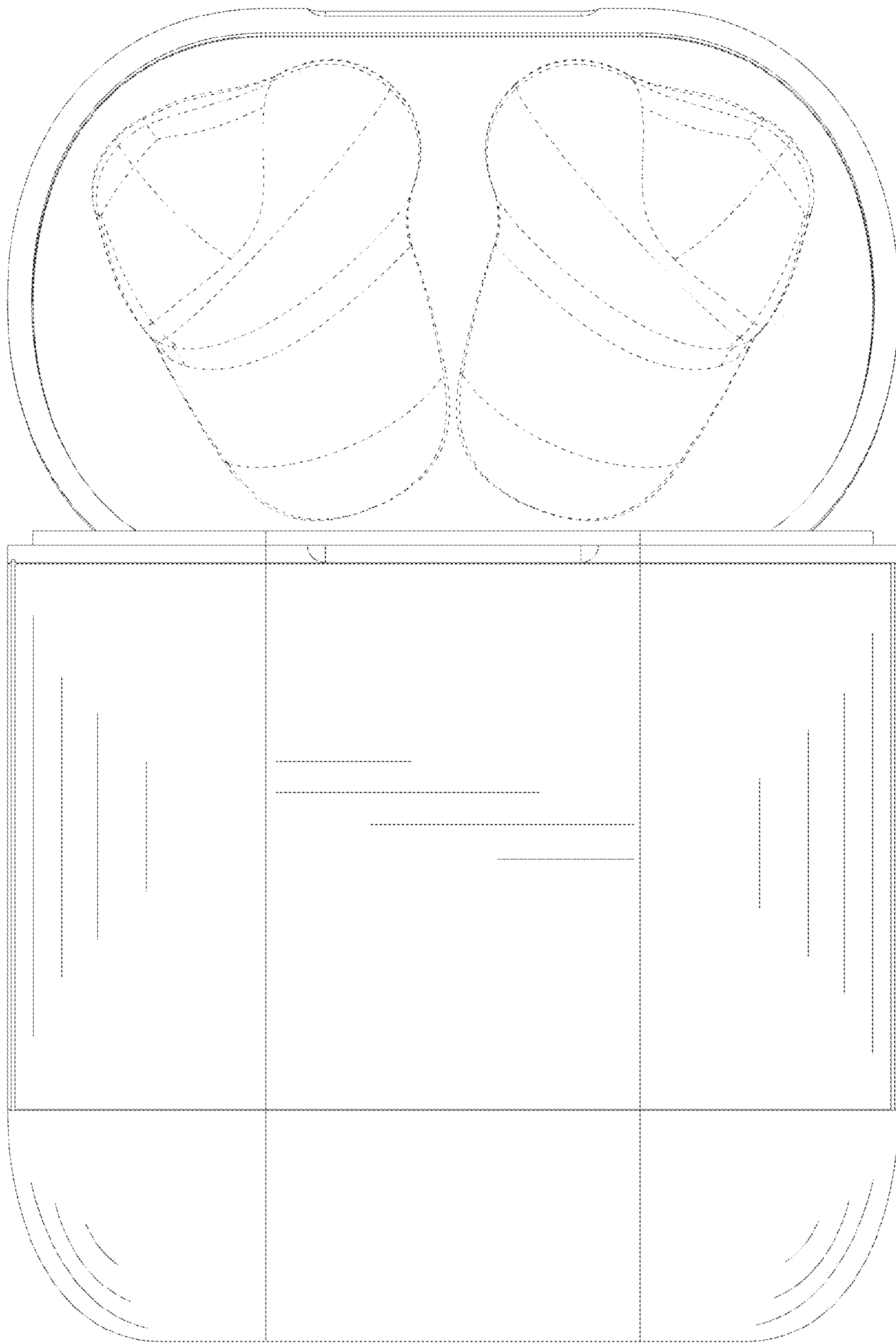


FIG. 11

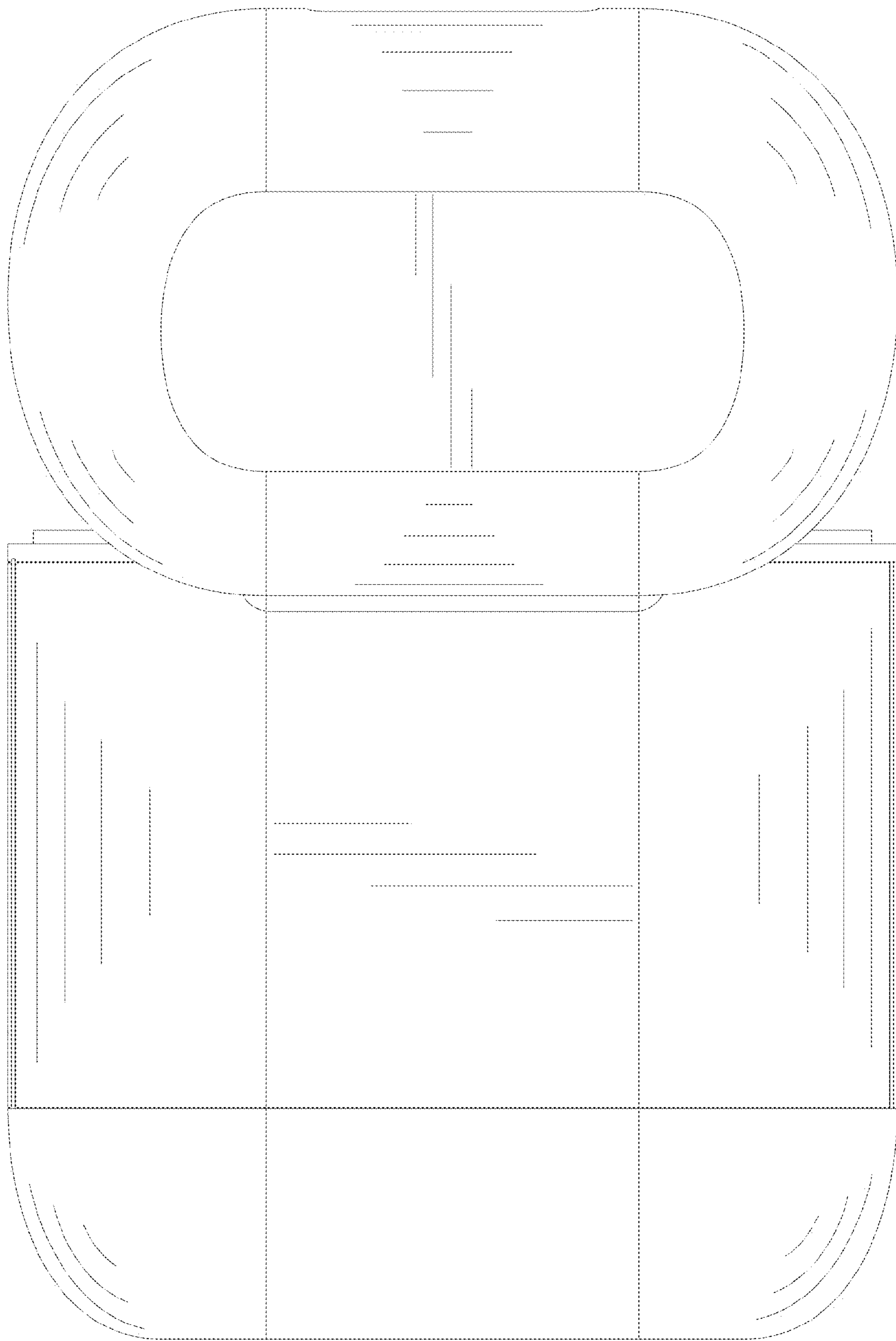


FIG. 12

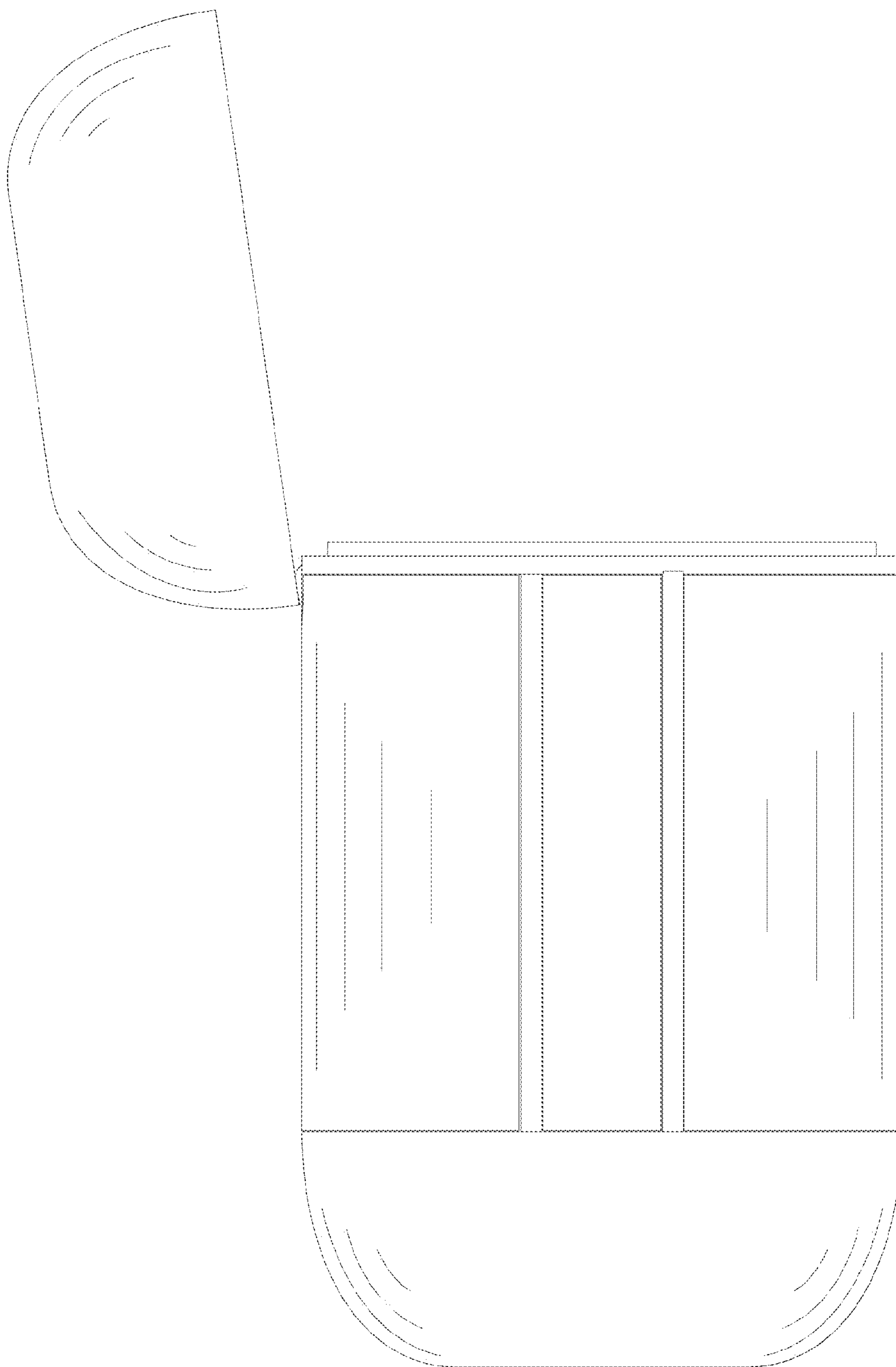


FIG. 13

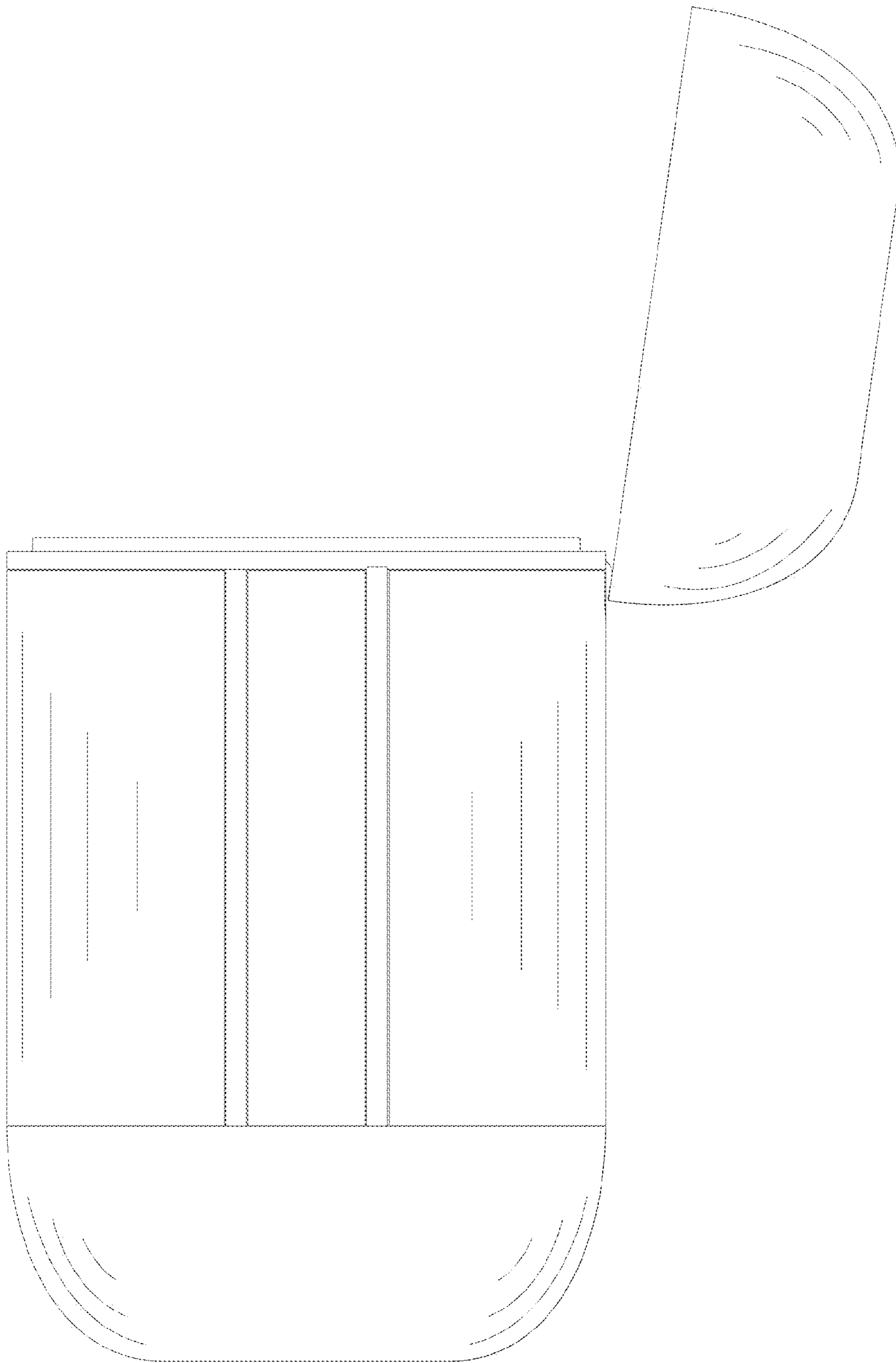


FIG. 14

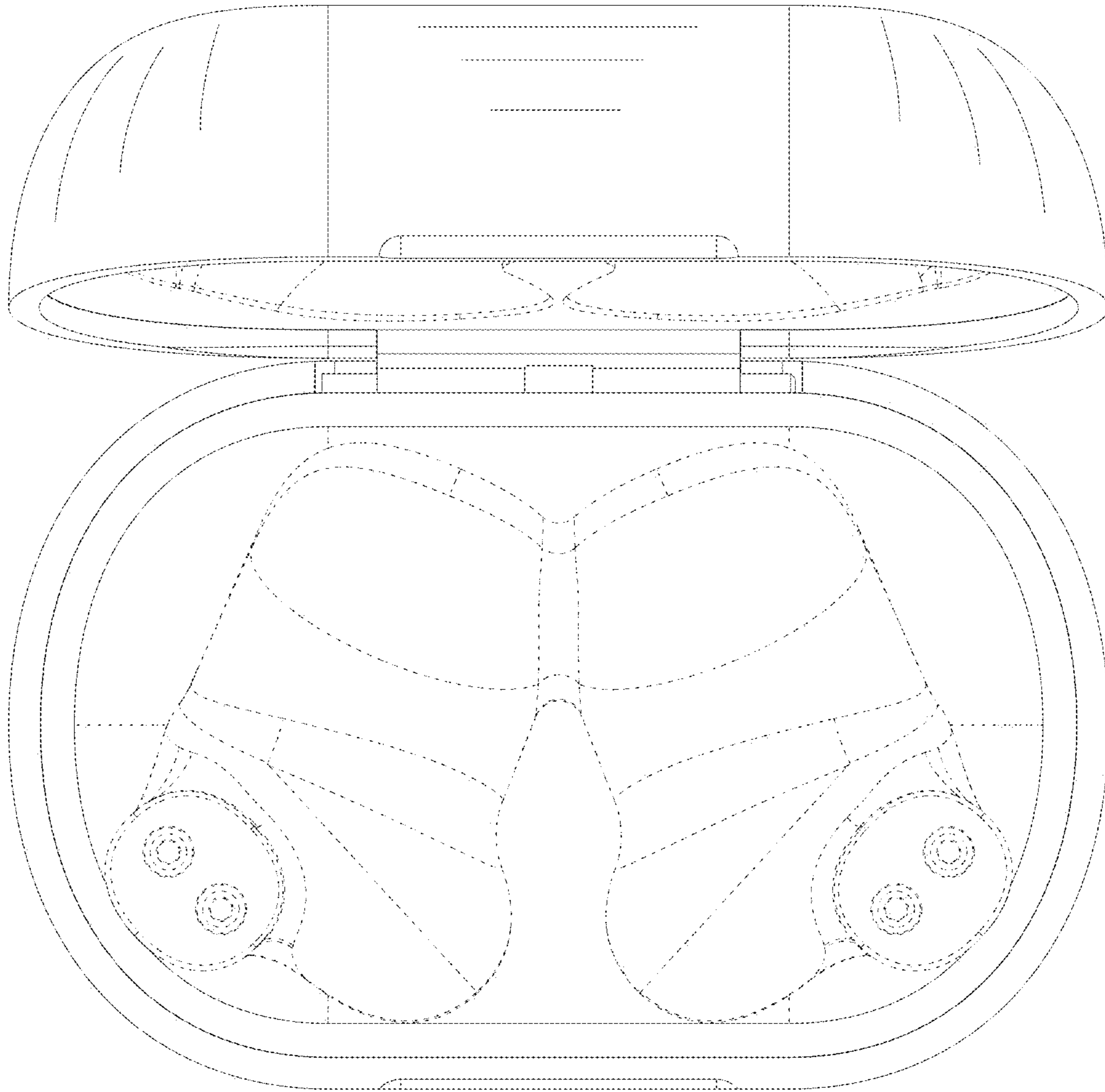


FIG. 15

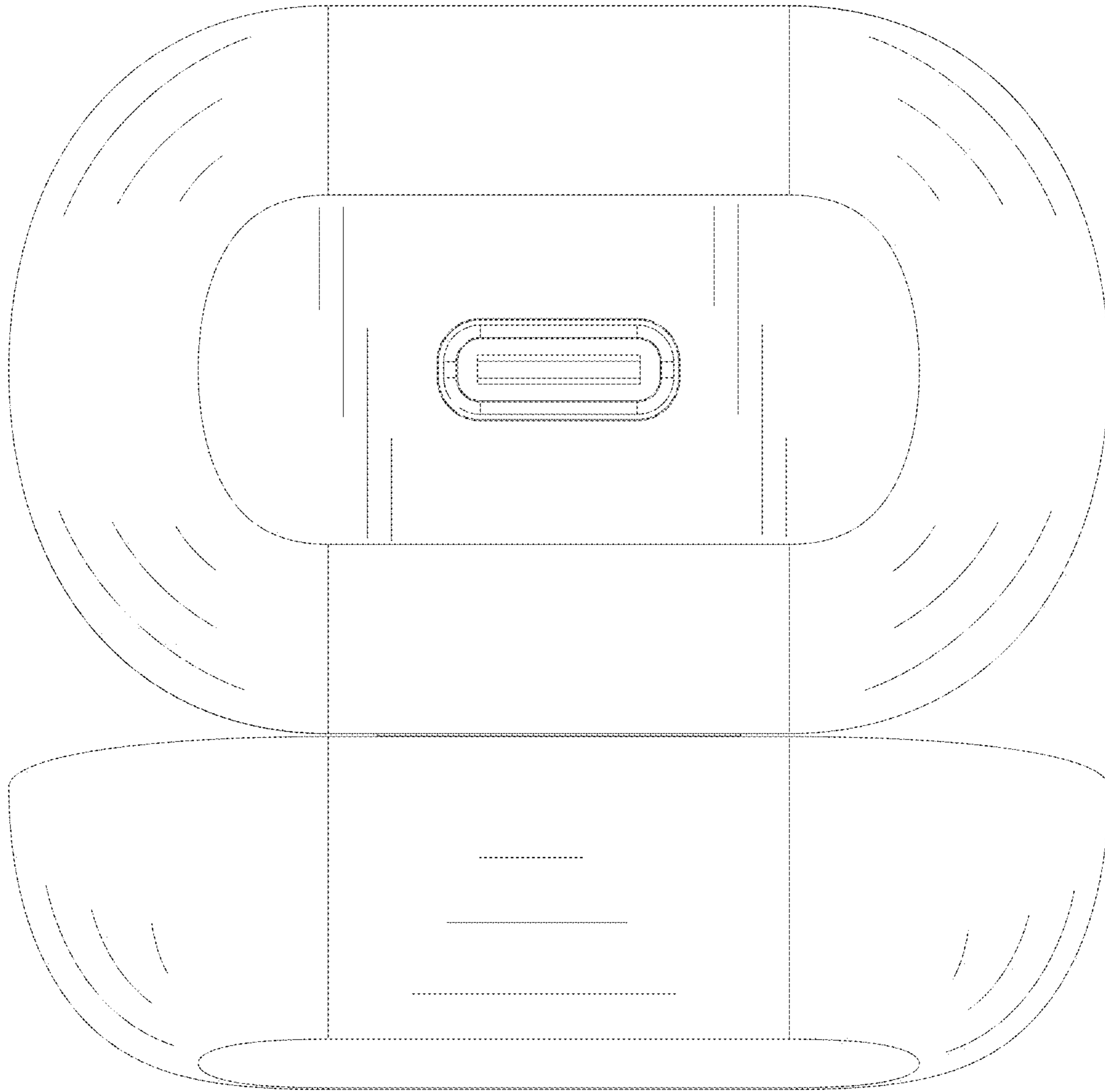


FIG. 16

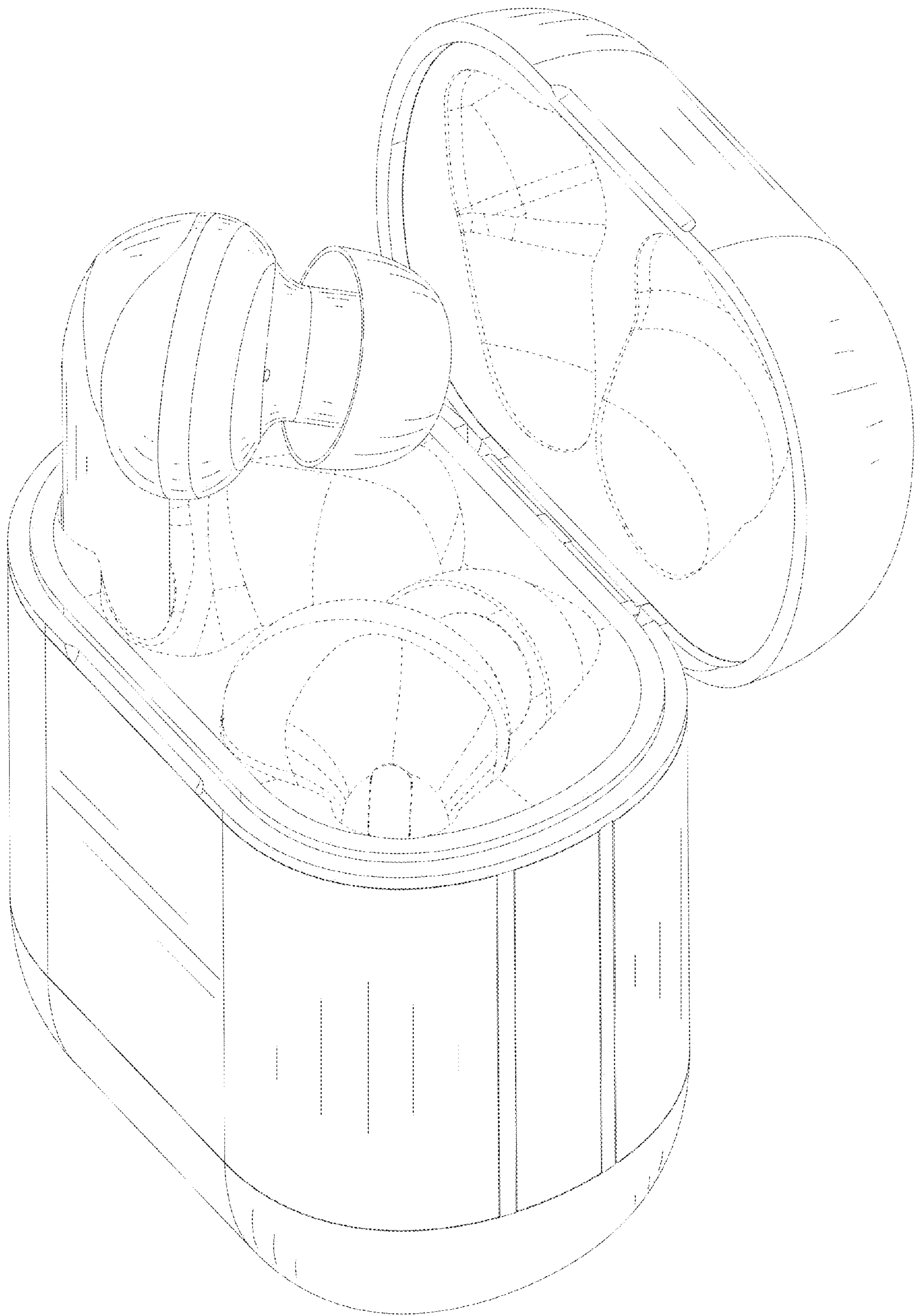


FIG. 17