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United States Design Patent
Chen

(10)

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(45)

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(54) WIRELESS HEADPHONE AND POWER BANK SET

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(72) Inventor: Feng Chen, Shenzhen (CN)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: 15 Years

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USPC D14/223

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USPC D14/223, 224, 205; D13/108, 103;
D3/201, 274, 294, 295; D9/737, 415,
D9/418; 381/380–381, 322, 328;
320/107
CPC H04R 1/10; H04R 25/00; H04R 25/02;
H04R 1/1016; H04R 1/1066; H04R
5/033; H04R 5/0335; H04R 1/1025;
B65D 75/36; B65D 43/16; H02J 7/0044;
H02J 7/0045
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

4,062,608 A * 12/1977 Pierce H04M 1/15
379/438
D263,561 S * 3/1982 Wong D9/432
D281,033 S * 10/1985 Mohri D3/295
D311,684 S * 10/1990 Newell D9/418
D316,666 S * 5/1991 Ishimaru D8/358

(Continued)

FOREIGN PATENT DOCUMENTS

CN 308464370 * 2/2024
EM 007328281-0001 * 12/2019

Primary Examiner — Paula Allen Greene

(74) Attorney, Agent, or Firm — Shen Huang

(57) CLAIM

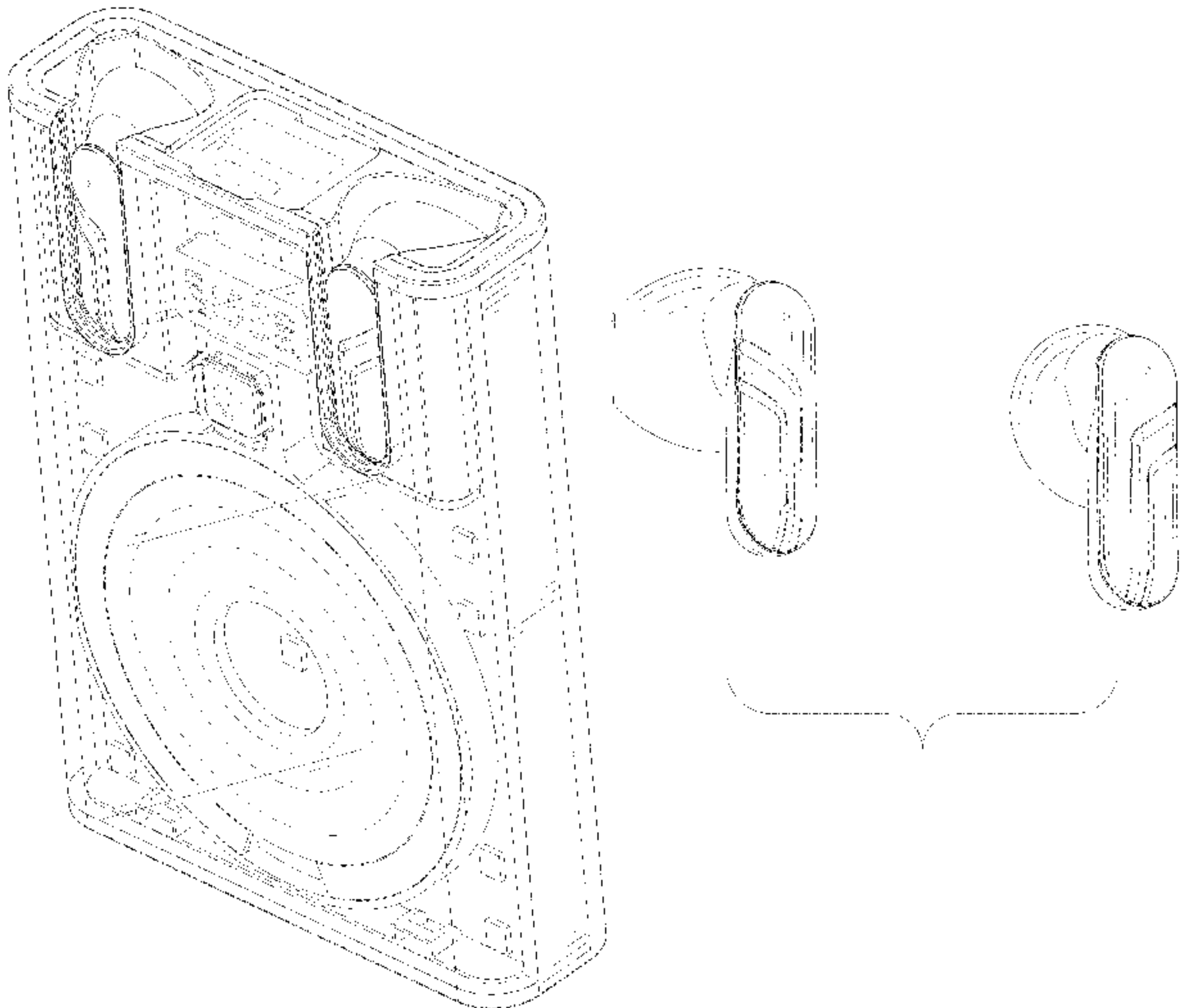
The ornamental design for a wireless headphone and power bank set, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a wireless headphone and power bank set showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a perspective view of the power bank, of the wireless headphone and power bank set showing the new design, shown separately for ease of illustration;
FIG. 4 is rear perspective view thereof;
FIG. 5 is a front elevational view thereof;
FIG. 6 is a rear elevational view thereof;
FIG. 7 is a left side view thereof;
FIG. 8 is a right side view thereof;
FIG. 9 is a top plan view thereof;
FIG. 10 is a bottom plan view thereof;
FIG. 11 is a perspective view of wireless headphone, of the wireless headphone and power bank set, shown separately for ease of illustration;
FIG. 12 is a perspective view thereof;
FIG. 13 is a front elevational view thereof;
FIG. 14 is a back elevational view thereof;
FIG. 15 is a left side view thereof;
FIG. 16 is a right side view thereof;
FIG. 17 is a top view thereof; and,
FIG. 18 is a bottom view thereof.

The broken lines shown in the drawings depict portions of the wireless headphone and power bank set that form no part of the claimed design.

1 Claim, 18 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,019,767 A * 5/1991 Shirai H02J 7/0042
D13/110
5,159,545 A * 10/1992 Lee H02M 5/12
439/103
D333,917 S * 3/1993 Daido D3/218
5,339,461 A * 8/1994 Luplow H04R 1/1033
439/4
D383,115 S * 9/1997 Nagele D13/110
D397,865 S * 9/1998 Lin D3/218
5,887,720 A * 3/1999 Lin H04R 1/10
206/523
6,370,401 B1 * 4/2002 Baranowski H04R 1/1025
455/575.9
D478,546 S * 8/2003 Andre D13/110
D529,288 S * 10/2006 Ham D3/274
D576,785 S * 9/2008 TerMeer D3/315
D604,501 S * 11/2009 Lee D3/201
D618,614 S * 6/2010 Symons D13/108
D638,355 S * 5/2011 Chen D13/110
D647,476 S * 10/2011 Ciou D13/110
D676,382 S * 2/2013 McSweyn D13/108
D691,636 S * 10/2013 Bunton D3/218
D697,718 S * 1/2014 Chun D3/319
D706,643 S * 6/2014 Akana D9/721
8,891,800 B1 * 11/2014 Shaffer H04R 1/1025
381/384
D720,330 S * 12/2014 Stevinson D14/251
D720,718 S * 1/2015 Stevinson D14/251
D730,315 S * 5/2015 Stevinson D14/205

9,071,902 B1 * 6/2015 Ai H04M 1/6058
9,148,717 B2 * 9/2015 Shaffer H04R 1/1025
D769,647 S * 10/2016 Coppernoll D6/597
D784,258 S * 4/2017 Vienna D13/108
D807,761 S * 1/2018 Akana D9/721
D829,551 S * 10/2018 Akana D9/434
D855,609 S * 8/2019 Jeong D14/223
D927,476 S * 8/2021 Markey D14/251
D946,518 S 3/2022 Zhu
D997,861 S 9/2023 Li
D999,731 S 9/2023 Wu
D1,022,689 S * 4/2024 Frisina D9/418
D1,029,803 S * 6/2024 He D14/223
D1,034,188 S * 7/2024 Woods D9/418
2006/0177082 A1 * 8/2006 Solomito A61F 11/08
381/322
2008/0080732 A1 * 4/2008 Sneed H04R 1/1033
381/370
2011/0170732 A1 * 7/2011 Parker H04R 1/1033
381/384
2011/0304300 A1 * 12/2011 Jeong H02J 7/0044
320/113
2013/0083456 A1 * 4/2013 Koenig H05K 5/0217
361/679.01
2013/0129138 A1 * 5/2013 Washington, Jr. ... H04R 1/1033
381/384
2014/0105441 A1 * 4/2014 Kroupa B65H 75/4434
381/370
2015/0365756 A1 * 12/2015 Merenda B65H 75/4434
381/384
2018/0284841 A1 * 10/2018 Lee H04B 1/3888
2020/0068285 A1 * 2/2020 Dang H04R 1/028

* cited by examiner

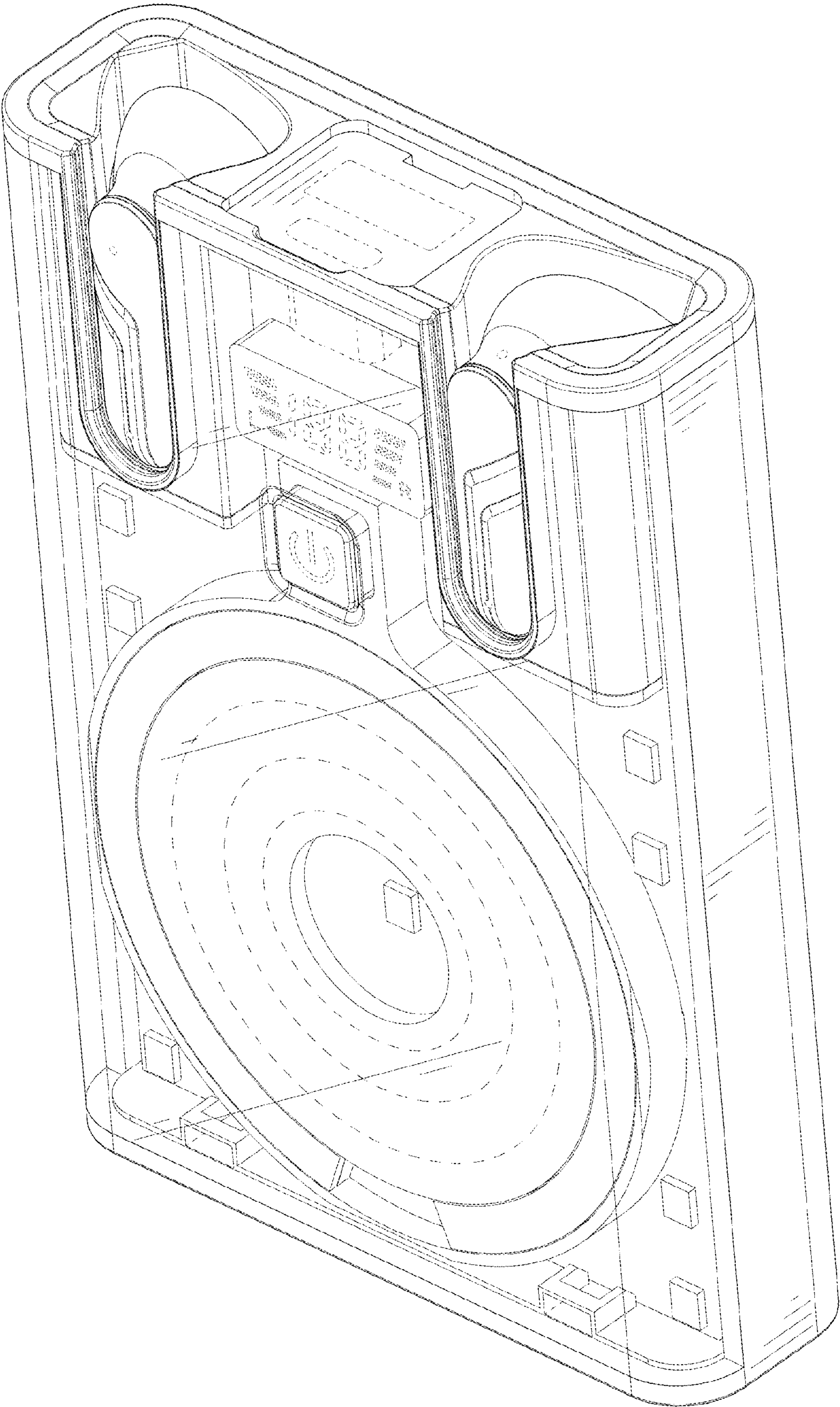


FIG. 1

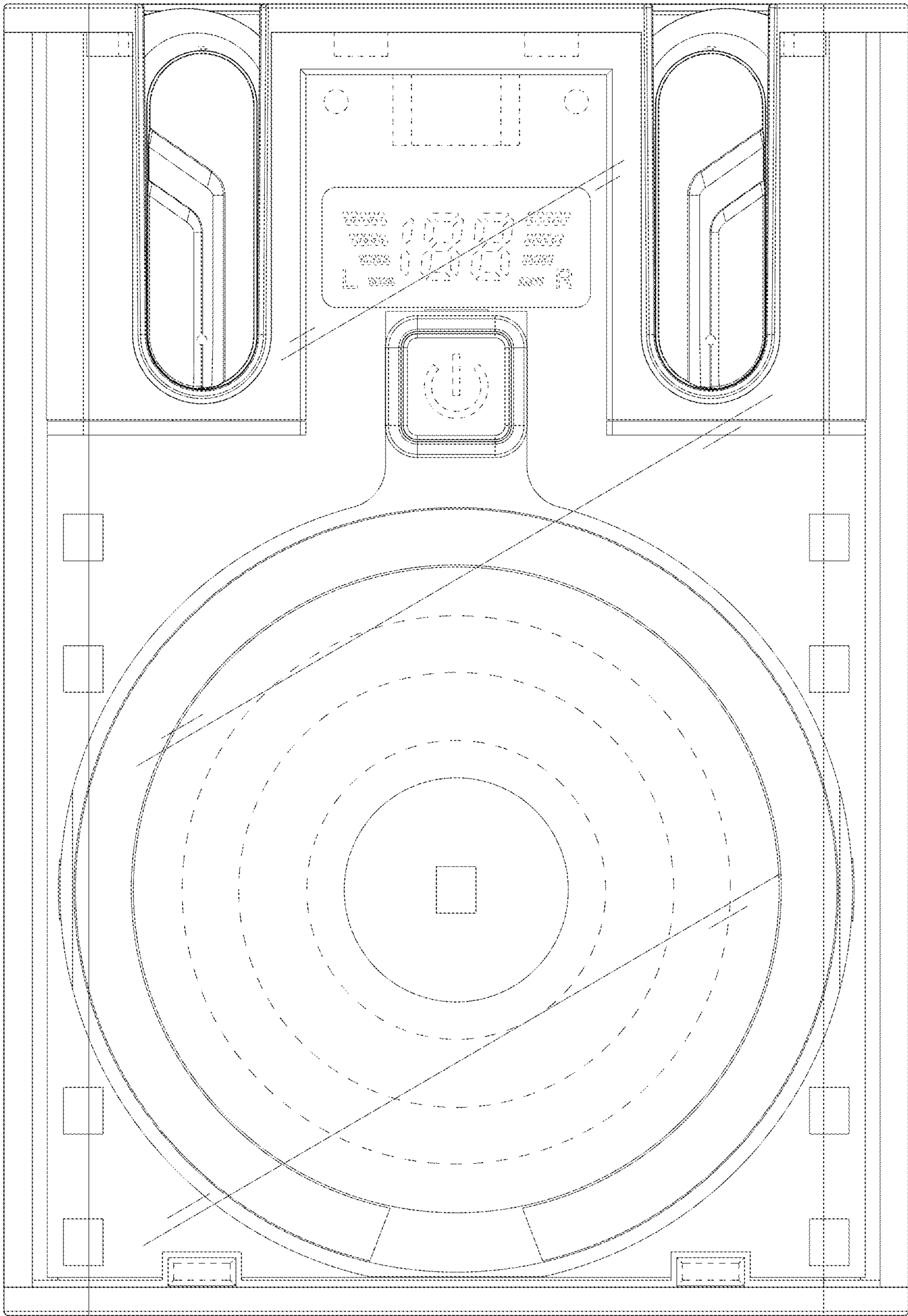


FIG. 2

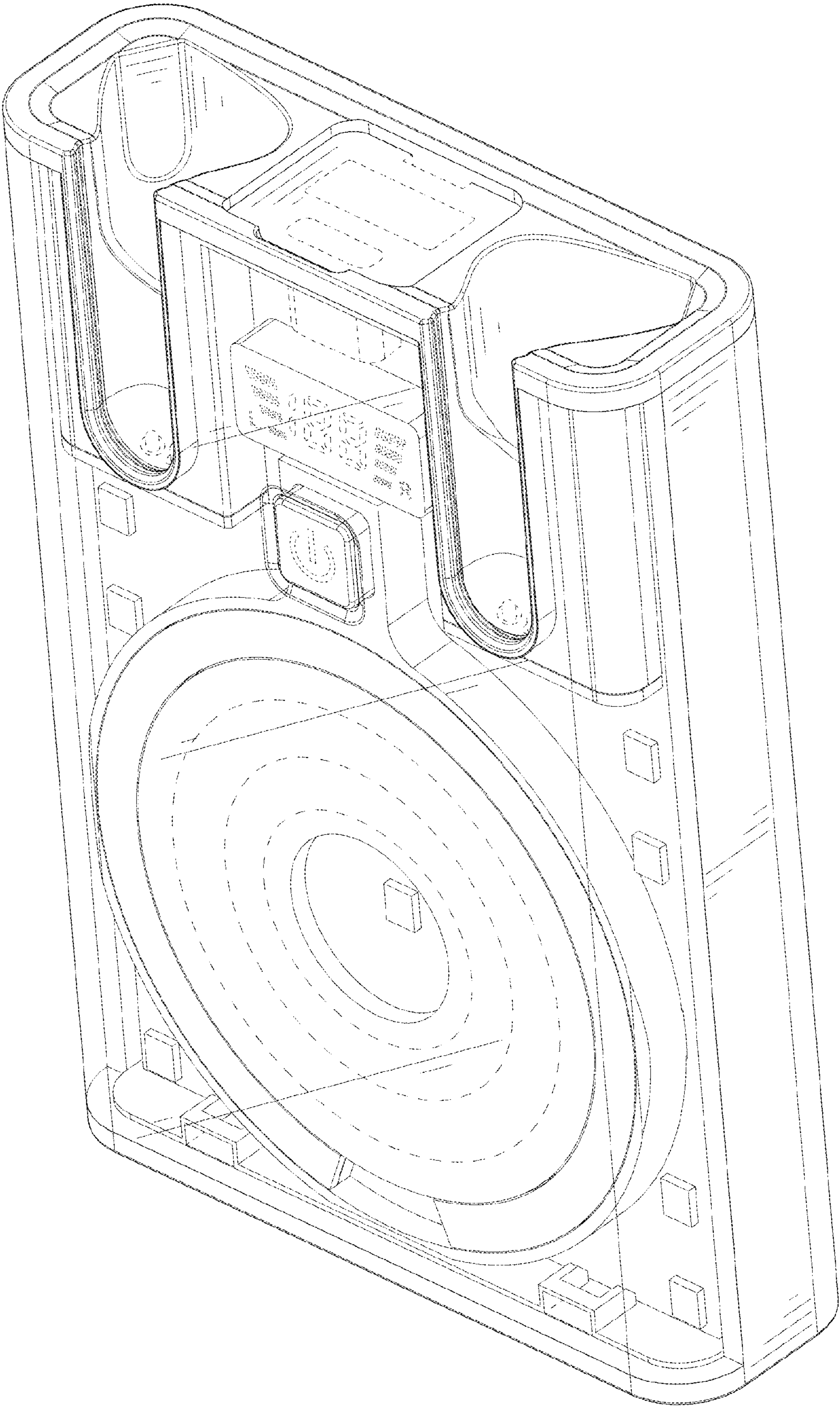


FIG. 3

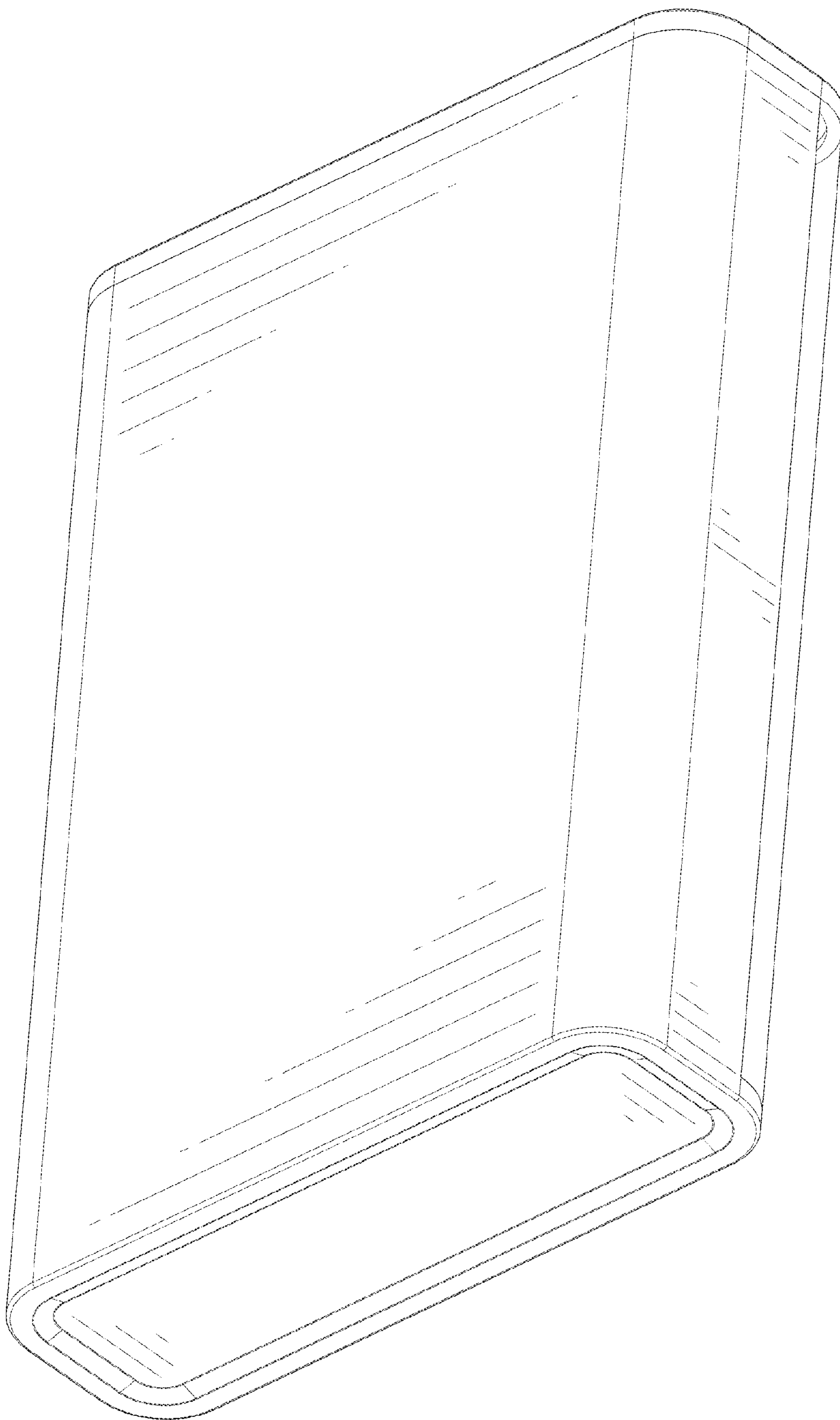


FIG. 4

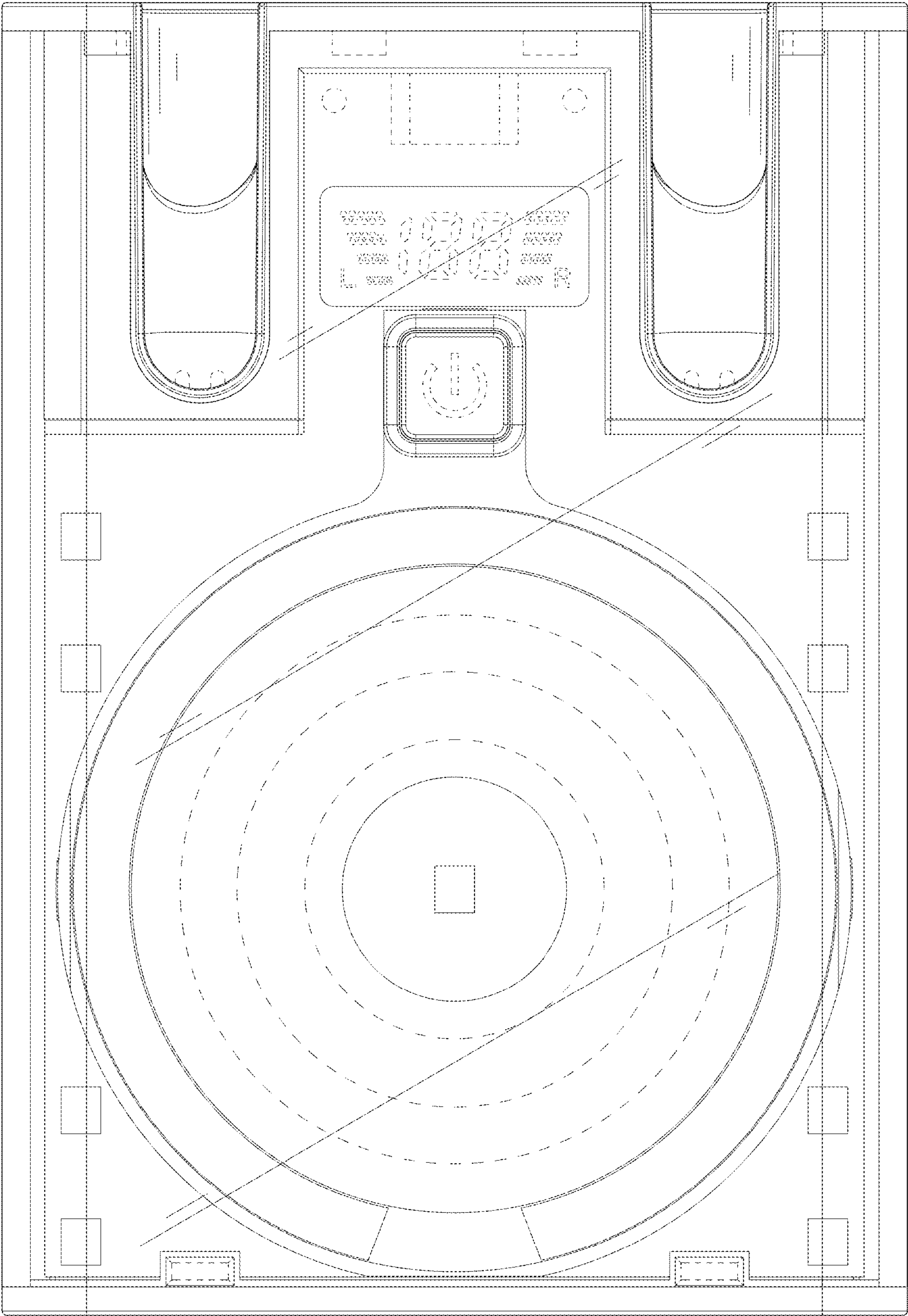


FIG. 5



FIG. 6

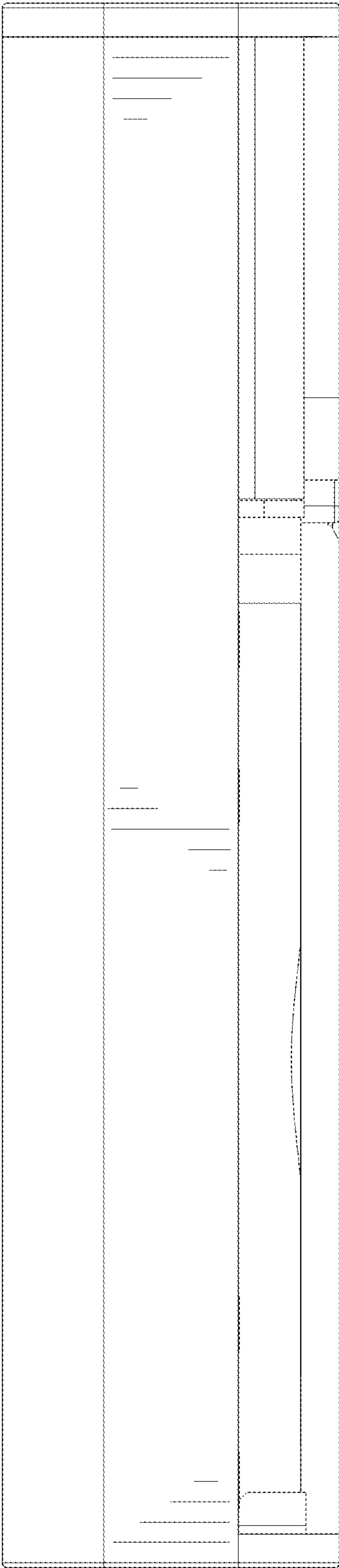


FIG. 7

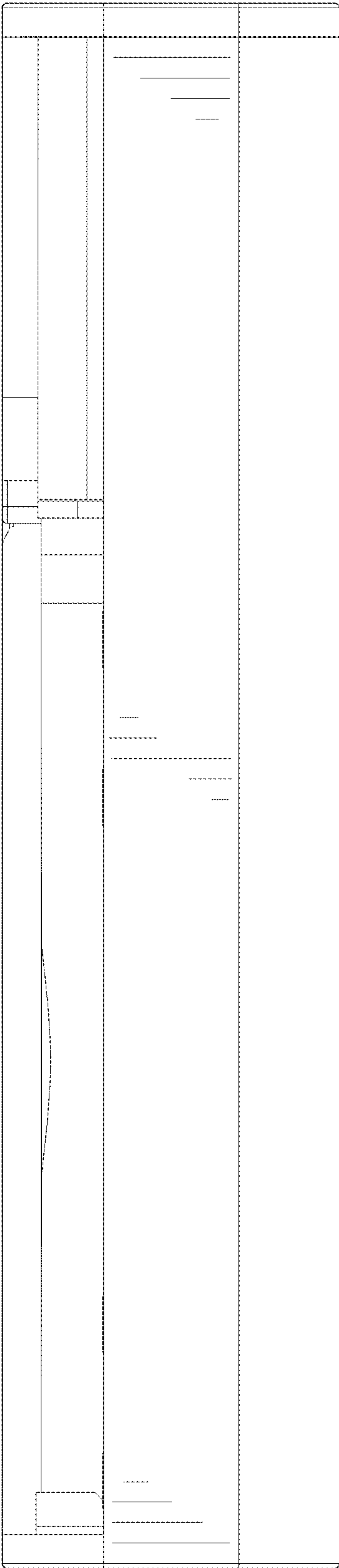


FIG. 8

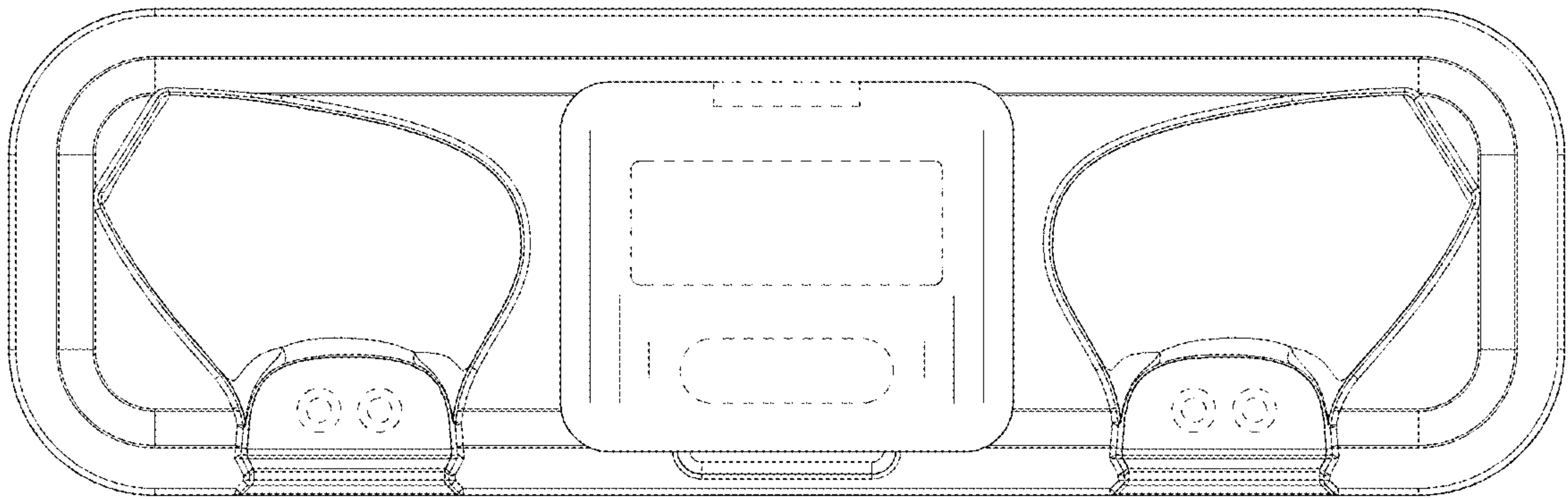


FIG. 9

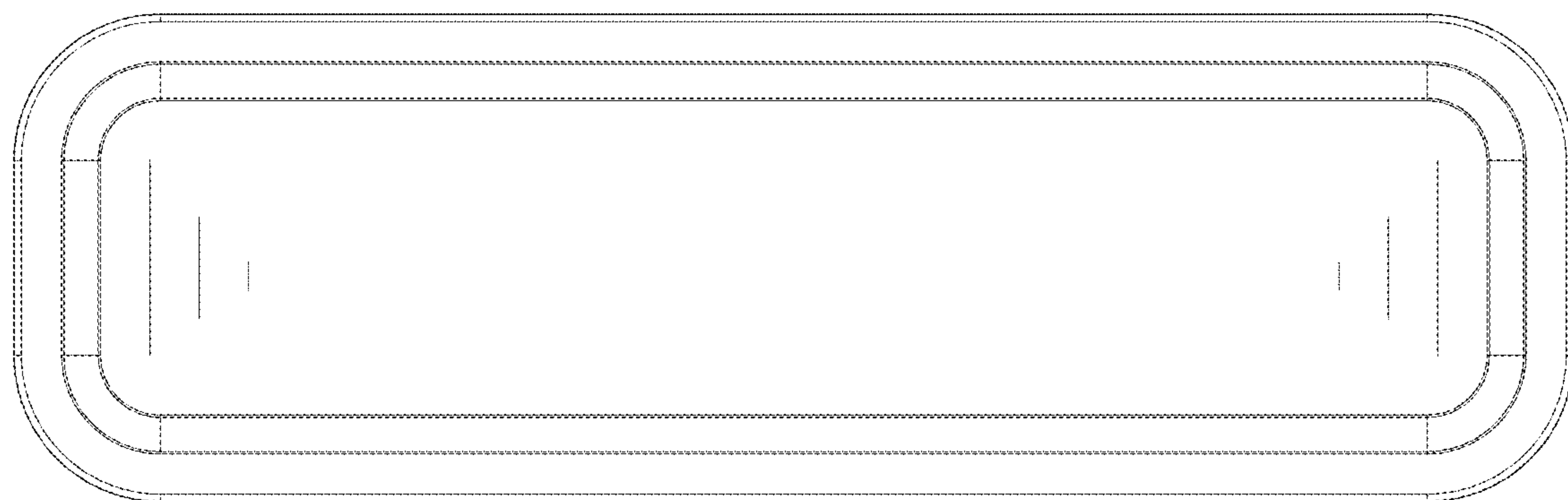


FIG. 10

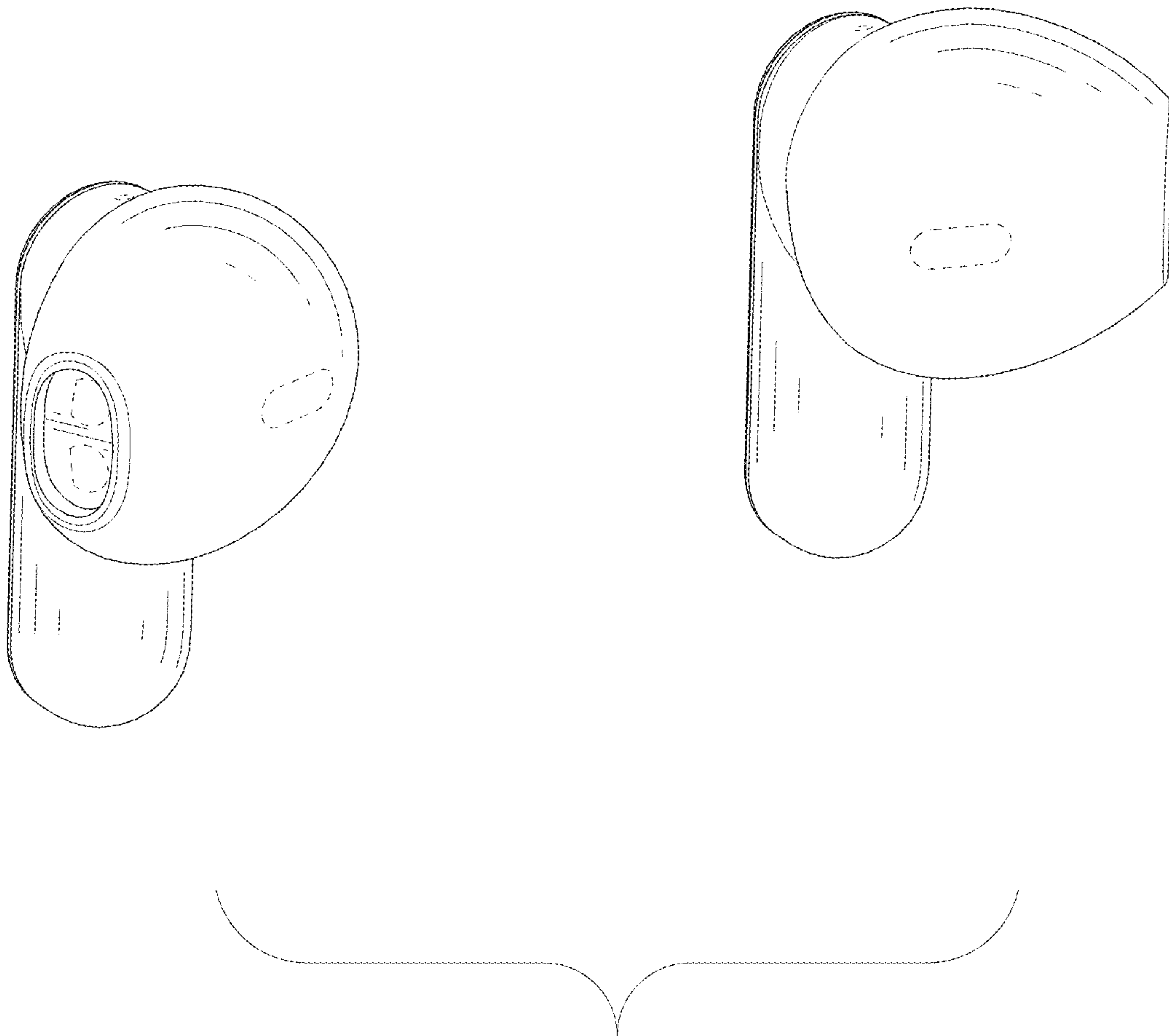


FIG. 11

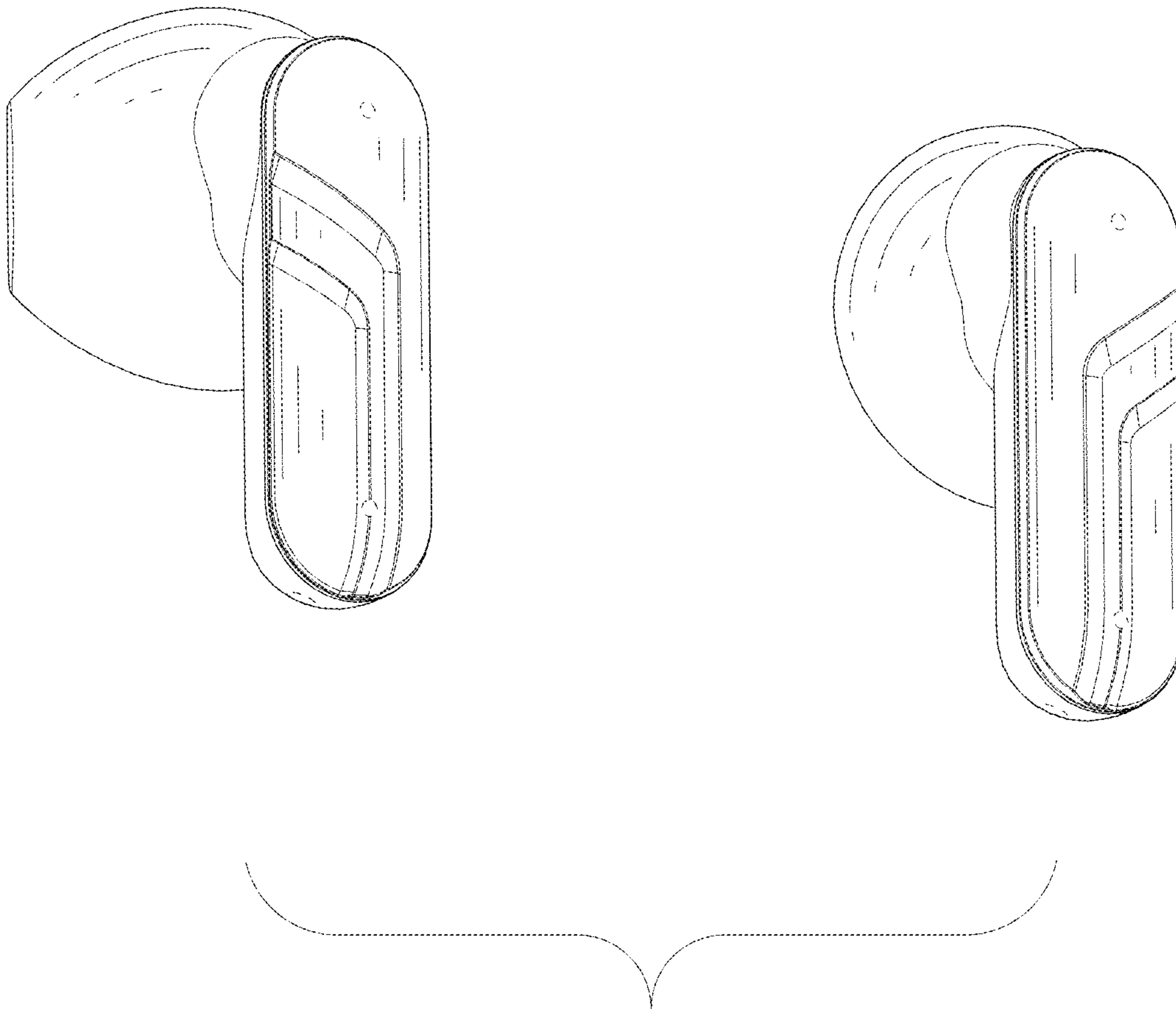


FIG. 12

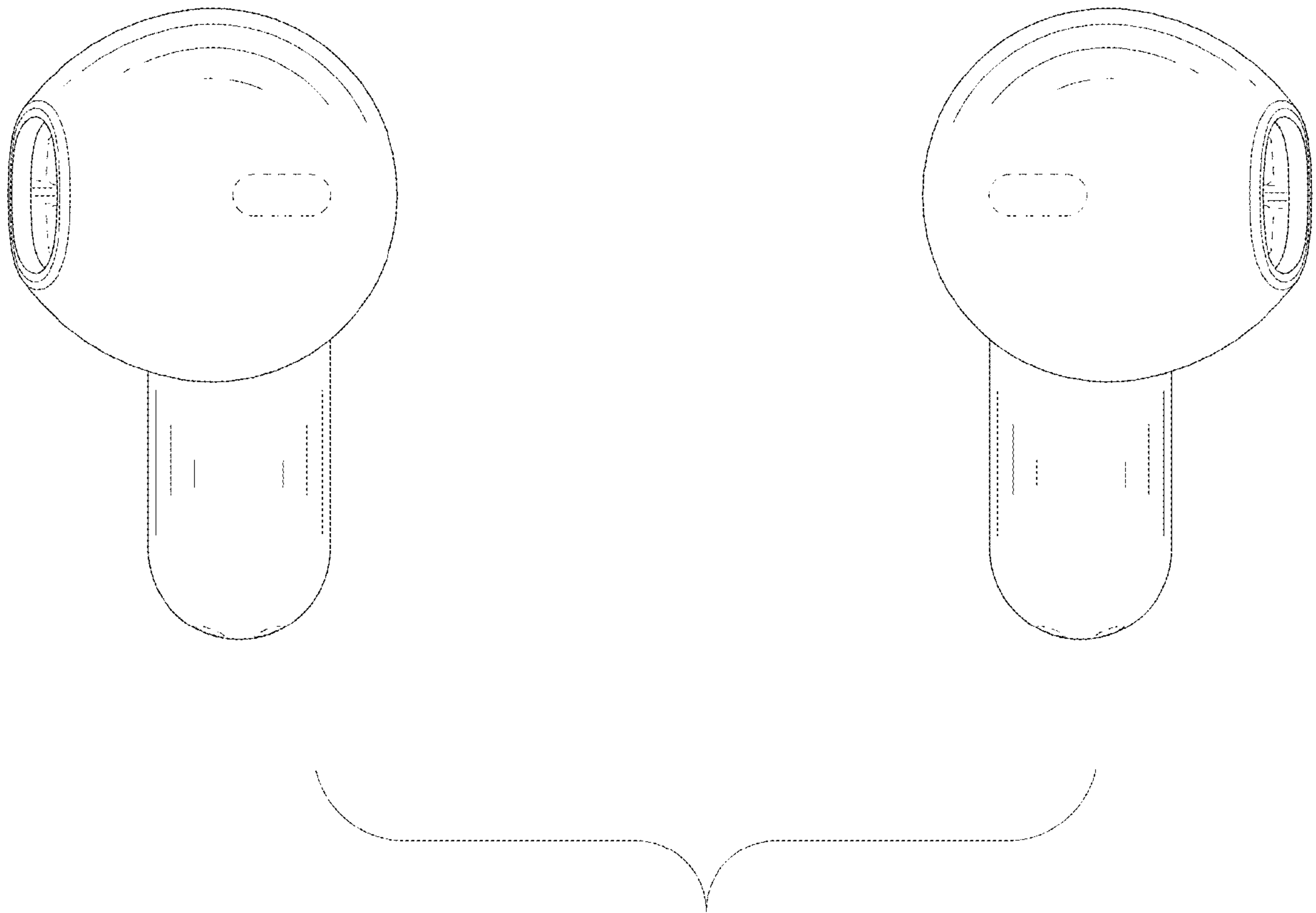


FIG. 13

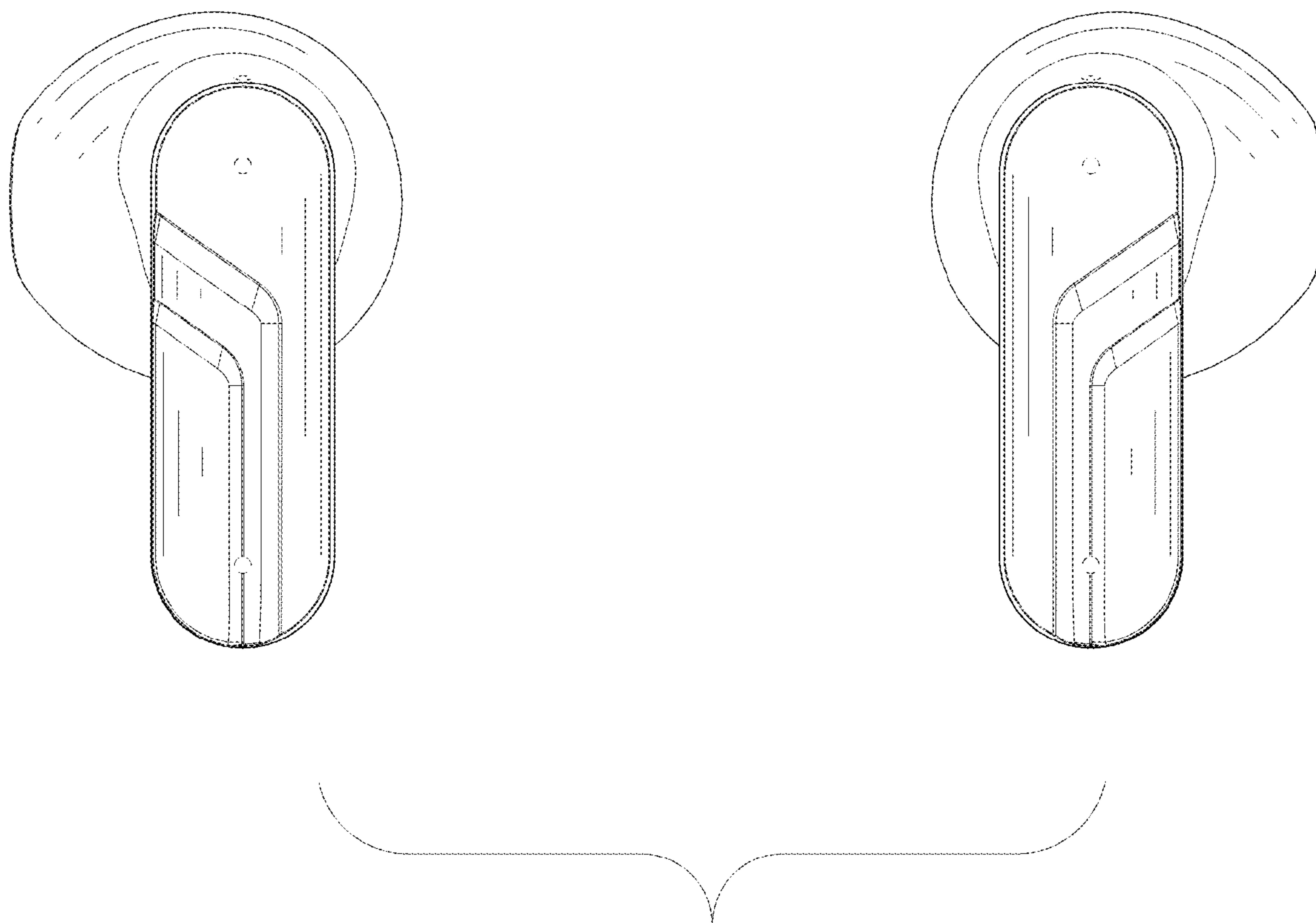


FIG. 14

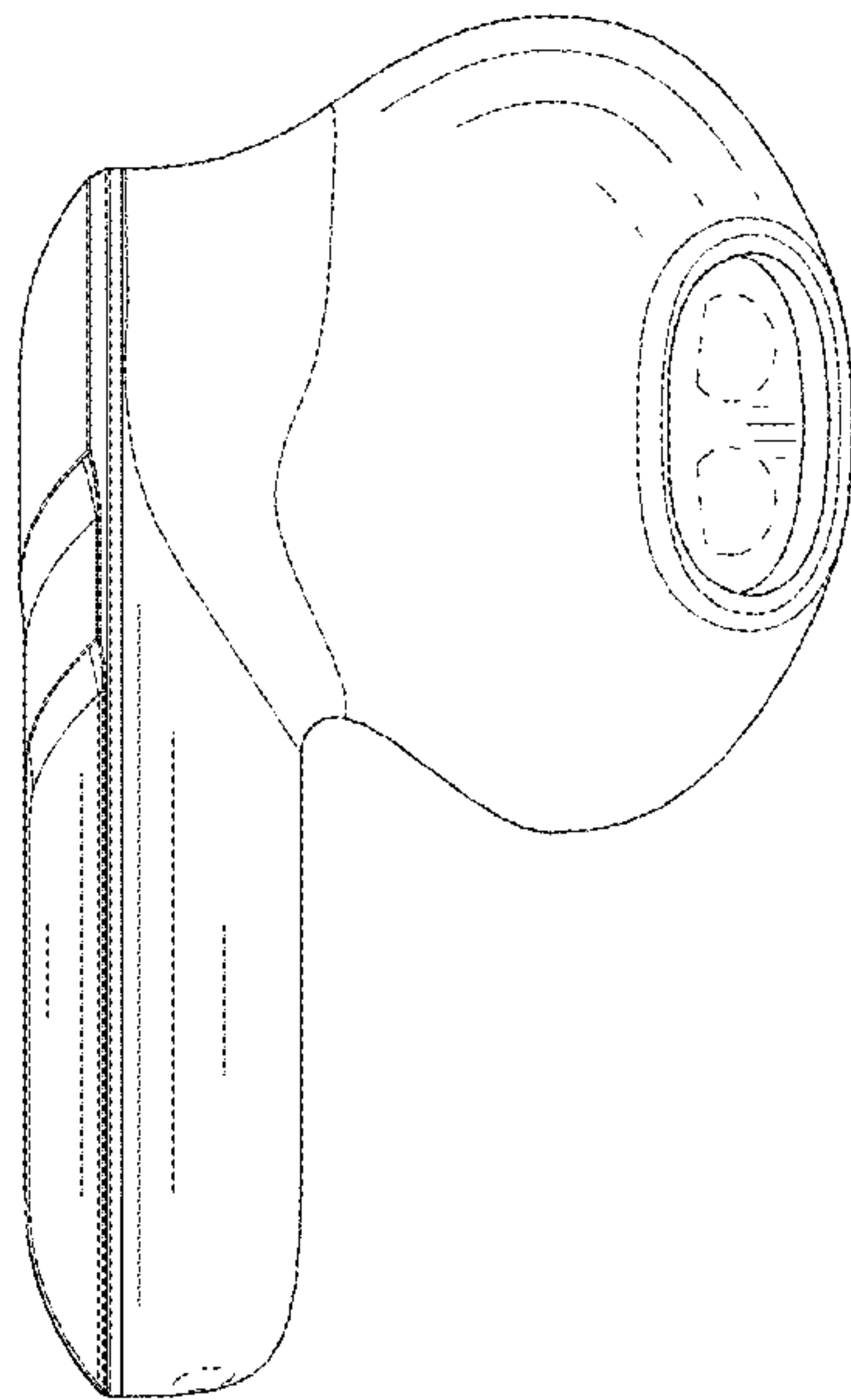


FIG. 15

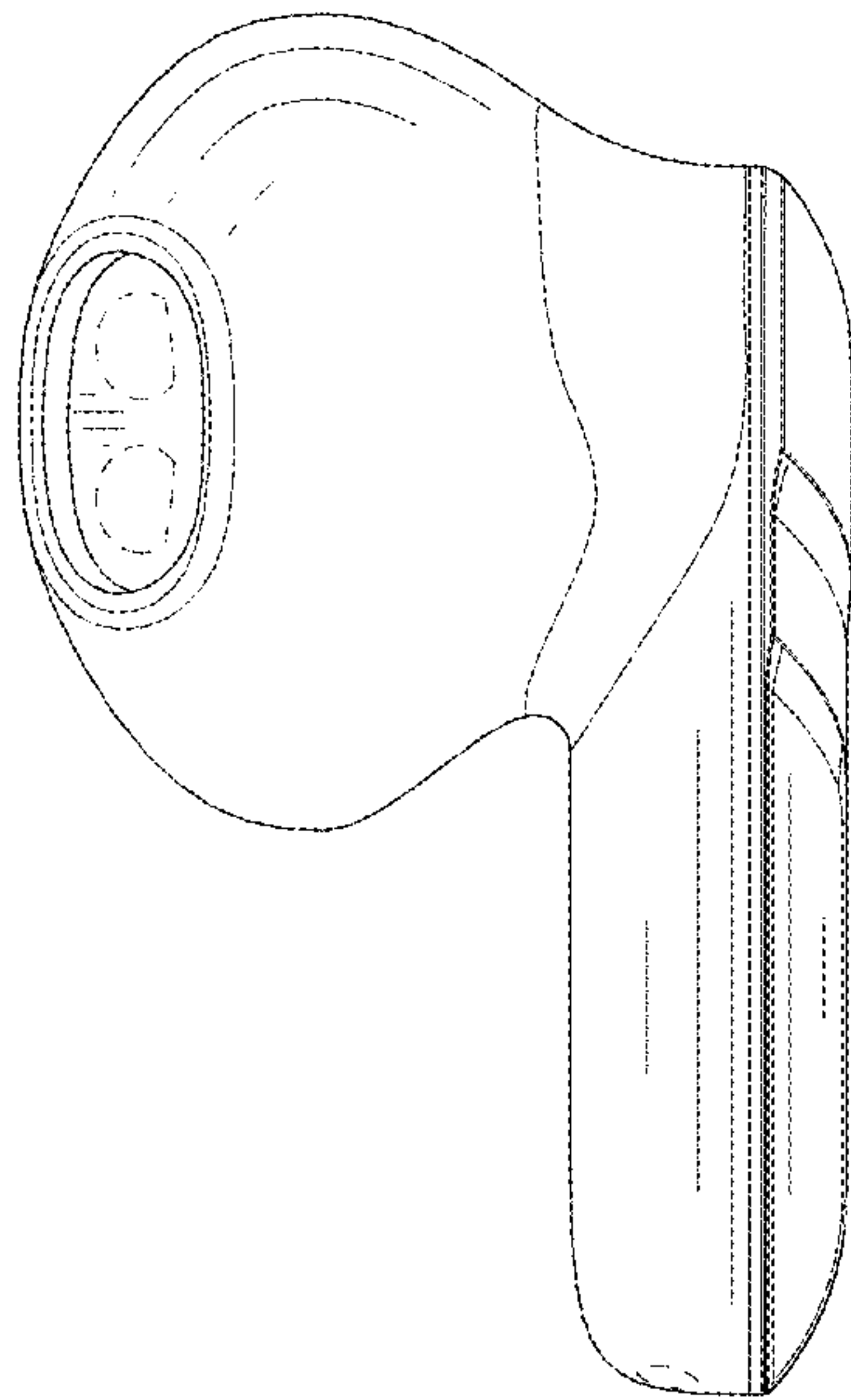


FIG. 16

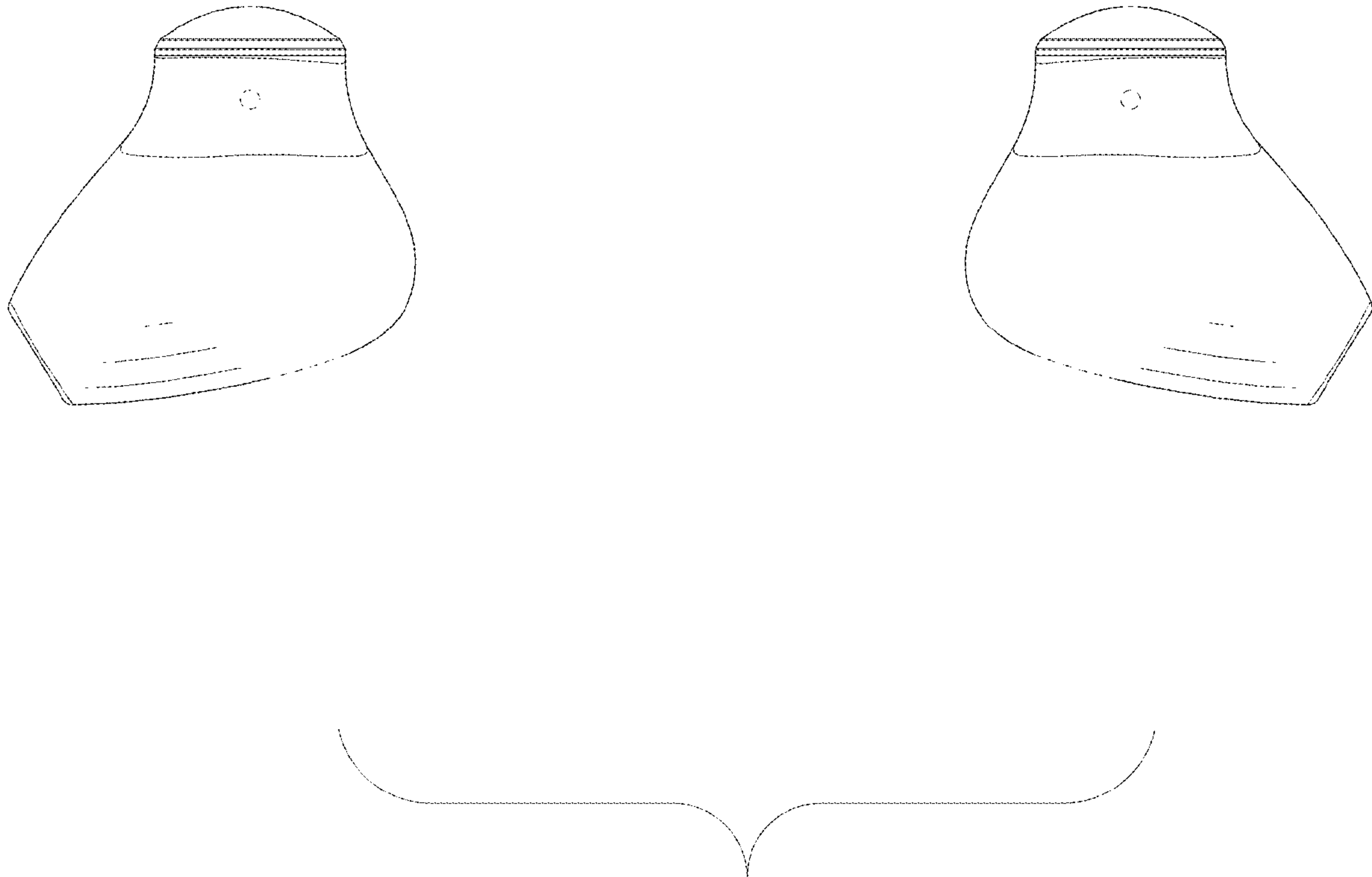


FIG. 17

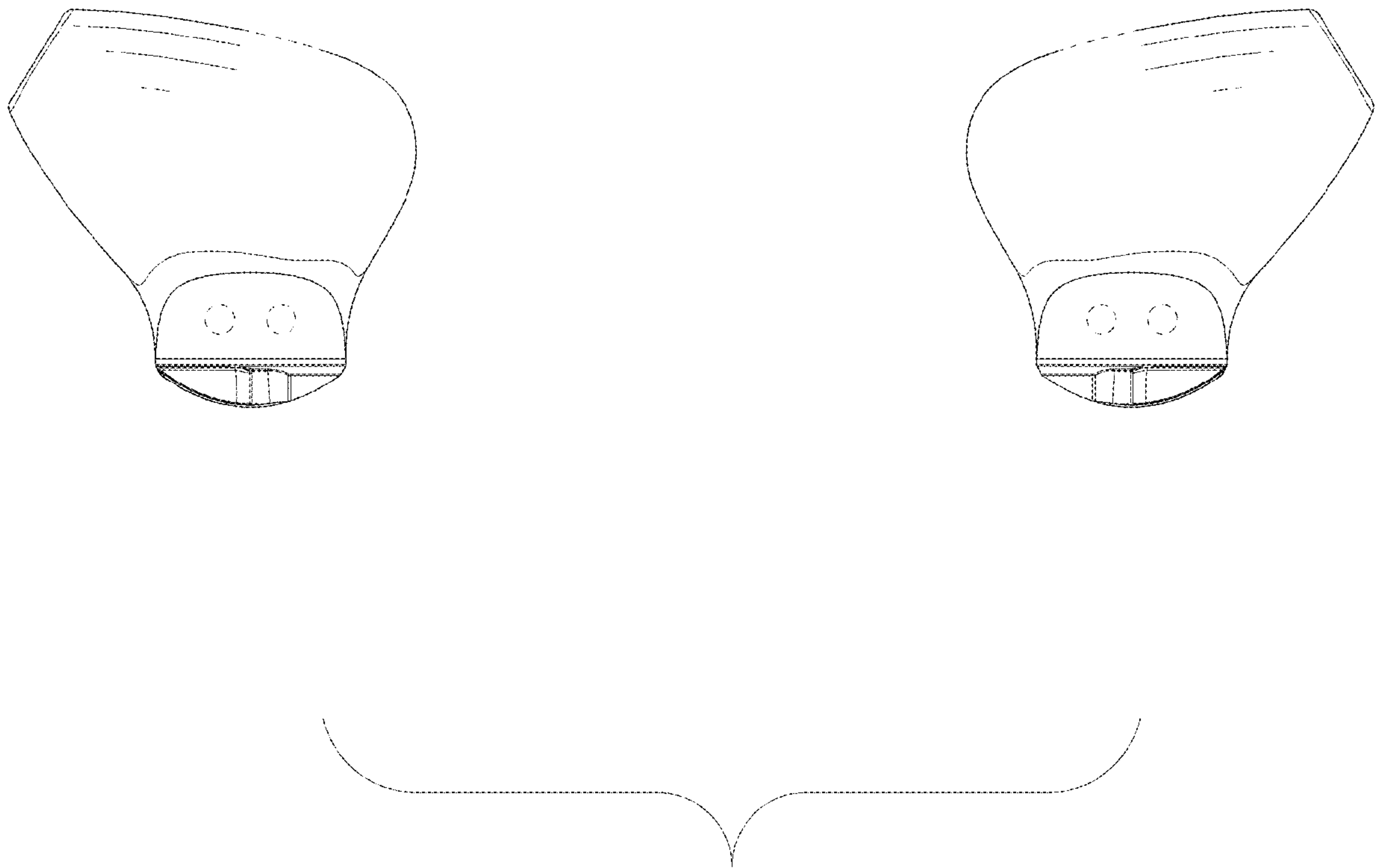


FIG. 18