



US0D1013662S

(12)

United States Design Patent

Yan

(10)

Patent No.:

US D1,013,662 S

(45)

Date of Patent:

** Feb. 6, 2024

(54) WIRELESS EARPHONE

FOREIGN PATENT DOCUMENTS

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

CN 305886897 * 6/2020
CN 305886899 * 6/2020
(Continued)

Primary Examiner — Paula Allen Greene

(57) CLAIM

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

DESCRIPTION

FIG. 1 is a front perspective view of a wireless 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;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is an enlarged view of an encircled portion 9 of FIG. 1;
FIG. 10 is an enlarged view of an encircled portion 10 of FIG. 2; and,
FIG. 11 is an enlarged view of an encircled portion 11 of FIG. 3.

The broken lines in the drawings depict portions of the wireless earphone that form no part of the claimed design. The dash dot dash broken line designation 9 in FIG. 1 and the encircled portion of the wireless earphone in the enlarged view of FIG. 9, the dash dot dash broken line designation 10 in FIG. 2 and the encircled portion of the wireless earphone in the enlarged view of FIG. 10, and, the dash dot dash broken line designation 11 in FIG. 3 and the encircled portion of the wireless earphone in the enlarged view of FIG. 11, form no part of the claimed design.

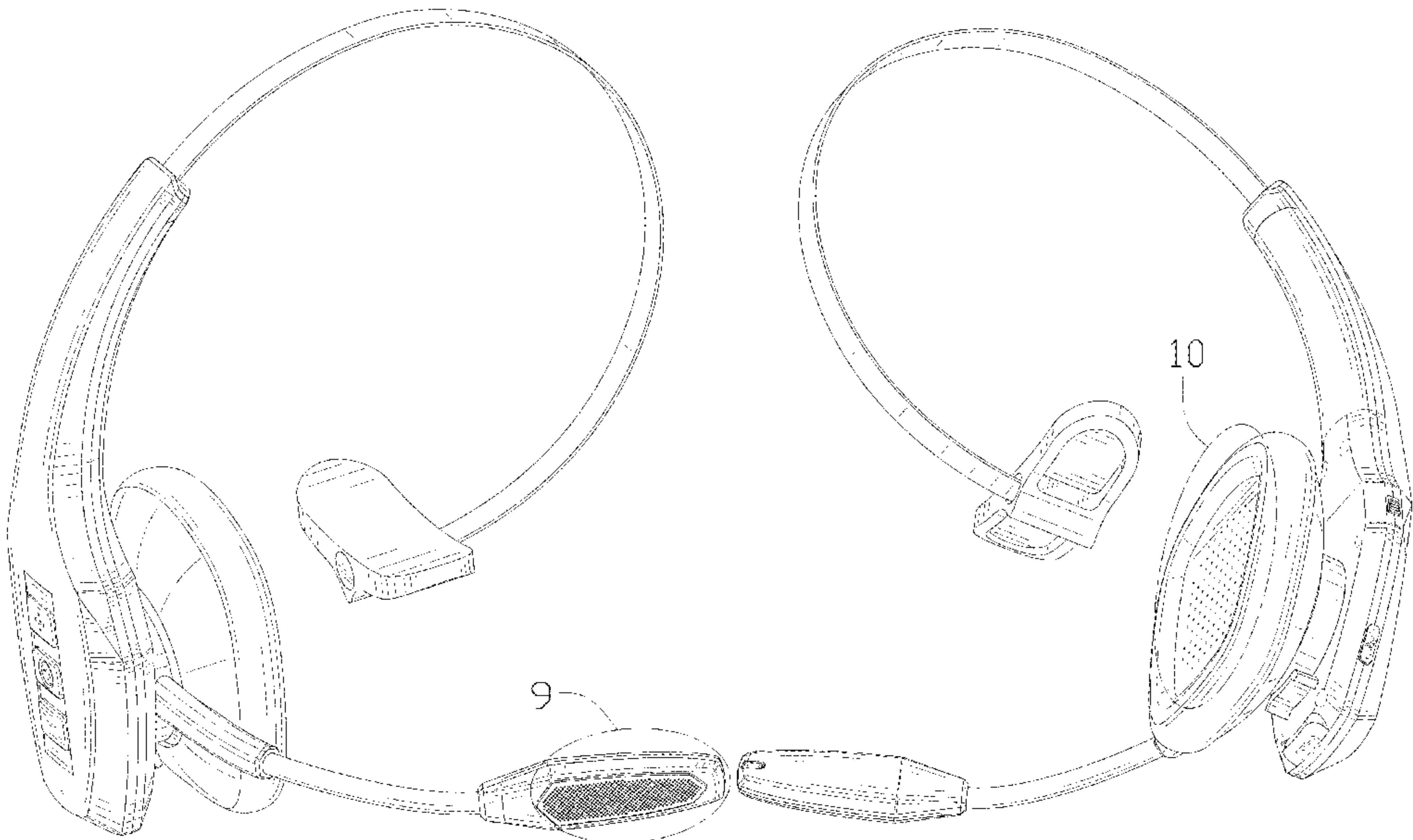
(56) References Cited

U.S. PATENT DOCUMENTS

D307,753 S *	5/1990	Oliver	D14/249
D380,477 S *	7/1997	Williams	D14/250
D394,436 S *	5/1998	Hall	D14/206
D395,898 S *	7/1998	Suzuki	D14/219
D456,379 S *	4/2002	Fitzgerald	D14/206
D482,019 S *	11/2003	Petersen	D14/206
D491,917 S *	6/2004	Asai	D14/205
6,754,361 B1 *	6/2004	Hall	H04R 1/105 381/384
D497,357 S *	10/2004	Allum	D14/206
6,970,572 B2 *	11/2005	Murozaki	H04M 1/05 381/381

(Continued)

1 Claim, 11 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,106,873 B1 * 9/2006 Harrison H04R 25/48
381/381
D533,869 S * 12/2006 Drambarean D14/225
7,436,973 B2 * 10/2008 Liao H04R 1/1041
381/373
D587,684 S * 3/2009 Ham D14/205
7,519,196 B2 * 4/2009 Bech H04R 1/105
381/384
D602,002 S * 10/2009 Asai D14/206
D602,908 S * 10/2009 Ham D14/206
D628,189 S * 11/2010 Rath D14/206
D641,337 S * 7/2011 Brandis D14/206
D673,524 S * 1/2013 Brennwald D14/206
D712,875 S * 9/2014 Katori D14/206
D716,258 S * 10/2014 Awiszus D14/206
D716,259 S * 10/2014 Awiszus D14/206
D732,002 S * 6/2015 Goransson D14/206
D747,557 S * 1/2016 Bonney D29/112
9,398,361 B1 * 7/2016 Jaques H04R 1/08
D786,826 S * 5/2017 Esses D14/206
D788,077 S * 5/2017 Ducret D14/218
D812,040 S * 3/2018 Yan D14/206
D820,812 S * 6/2018 Bidwell D14/206
D822,643 S * 7/2018 Chen D14/218
D824,362 S * 7/2018 Probst D14/206
D830,339 S * 10/2018 Yan D14/206
D847,781 S * 5/2019 Chen D14/206
D851,628 S * 6/2019 Wernblad D14/206
D851,629 S * 6/2019 Summerson D14/206
D868,607 S * 12/2019 Li D14/218
D880,448 S * 4/2020 Jaques D14/205
D882,544 S * 4/2020 Paterson D14/205
D883,829 S * 5/2020 Nytko D10/104.1
D896,203 S * 9/2020 Tong D14/206
D899,402 S * 10/2020 Shen D14/206
D918,172 S * 5/2021 Jaques D14/206
D926,151 S * 7/2021 Zhong D14/206

D927,451 S * 8/2021 Paterson D14/206
D940,685 S * 1/2022 He D14/206
D940,686 S * 1/2022 Yang D14/206
D944,765 S * 3/2022 Bellham D14/206
D956,014 S * 6/2022 Batson D14/206
D958,110 S * 7/2022 Yan D14/206
D958,773 S * 7/2022 Yan D14/206
D964,317 S * 9/2022 Chen D14/206
D981,364 S * 3/2023 Batson D14/205
11,638,082 B2 * 4/2023 Lu H04R 1/1016
381/74
2002/0102005 A1 * 8/2002 Lin H04R 1/1066
381/381
2005/0201569 A1 * 9/2005 Kuraoka H04M 1/0289
381/384
2009/0103761 A1 * 4/2009 Fan H04R 1/083
381/375
2010/0040252 A1 * 2/2010 Thompson H04R 1/083
381/375
2011/0135134 A1 * 6/2011 Essabar H04R 1/1033
381/374
2011/0206216 A1 * 8/2011 Brunner H04R 1/1066
381/74
2011/0306393 A1 * 12/2011 Goldman H04M 1/04
345/173
2012/0328119 A1 * 12/2012 Heise H04R 1/1066
381/74
2013/0329905 A1 * 12/2013 Awiszus H04R 1/1041
455/39
2020/0100034 A1 * 3/2020 Zhang H04R 1/04
2020/0125646 A1 * 4/2020 D'oleo G10L 15/26

FOREIGN PATENT DOCUMENTS

CN 306992069 * 12/2021
CN 307129867 * 2/2022
EM 007792767-0010 * 4/2020
EM 008756761-0001 * 11/2021

* cited by examiner

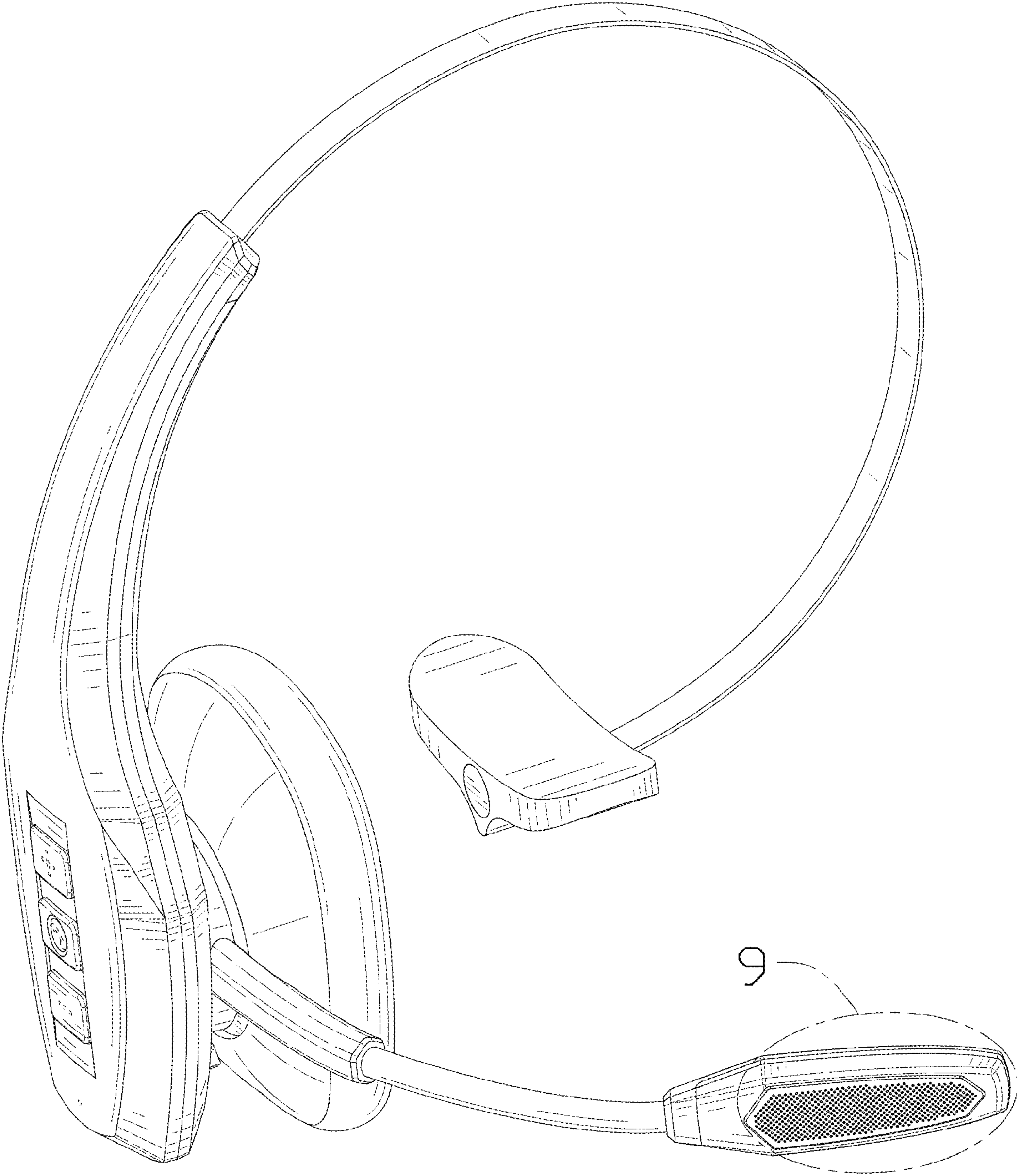


FIG. 1

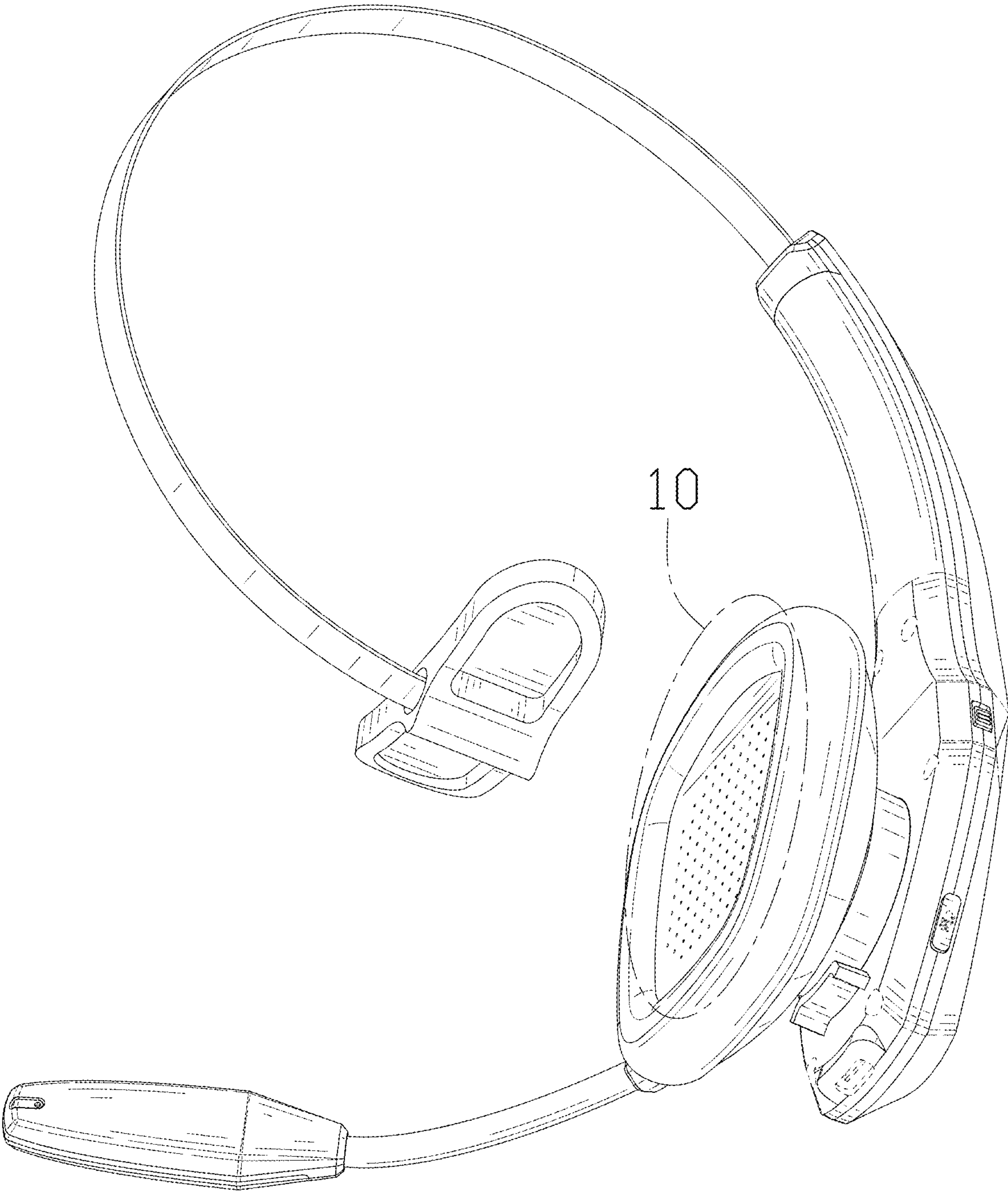


FIG. 2

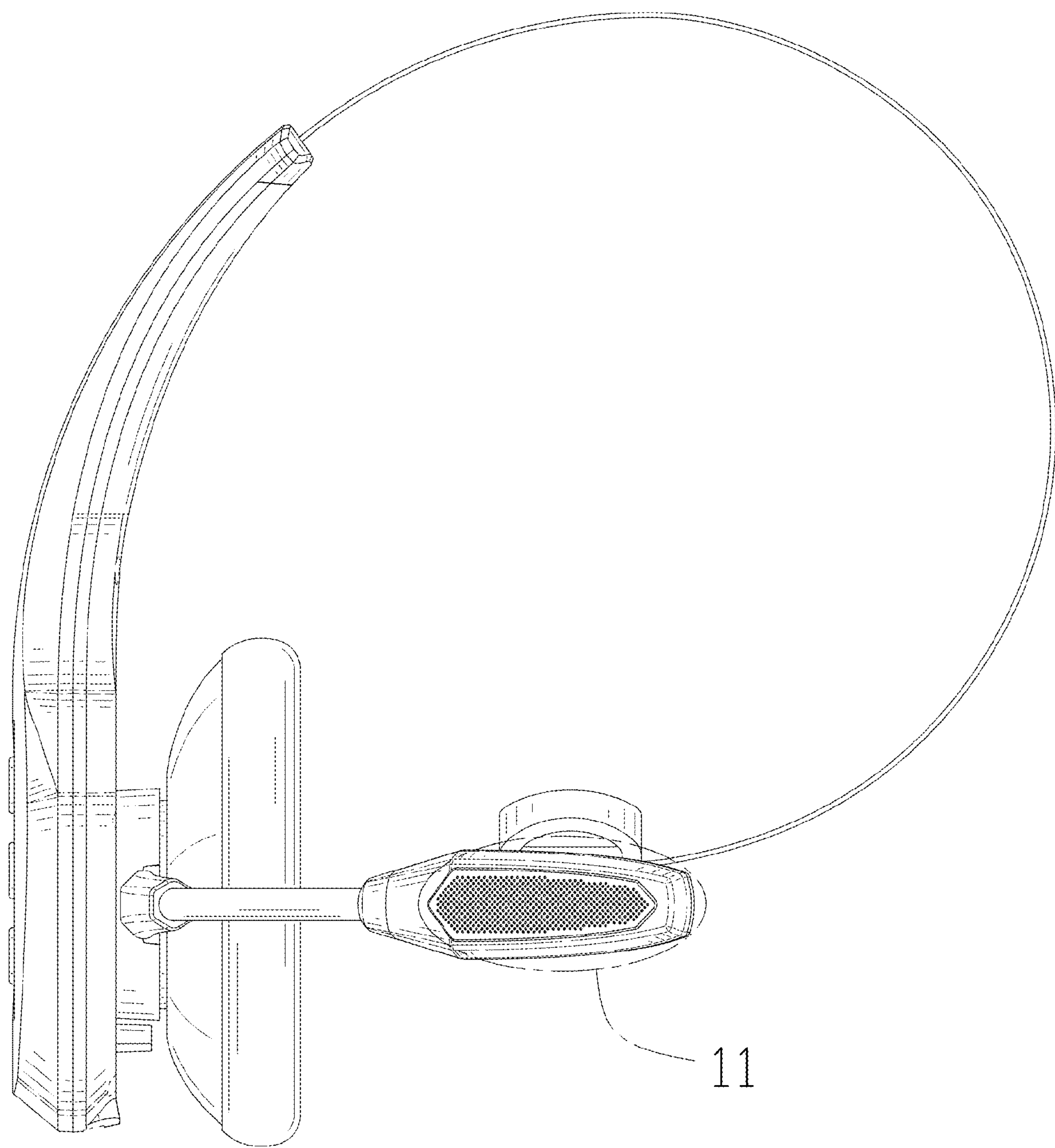


FIG. 3

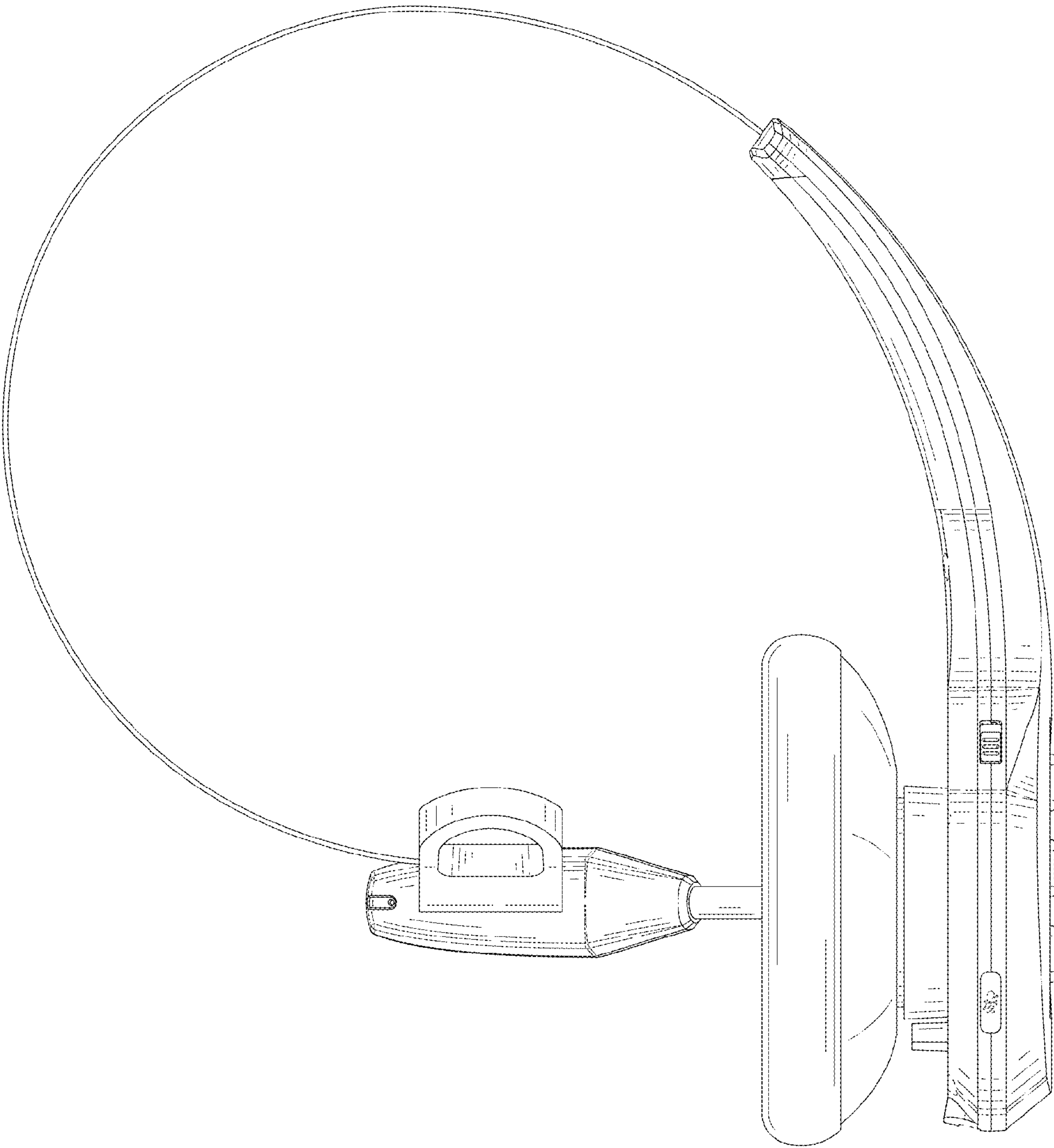


FIG. 4

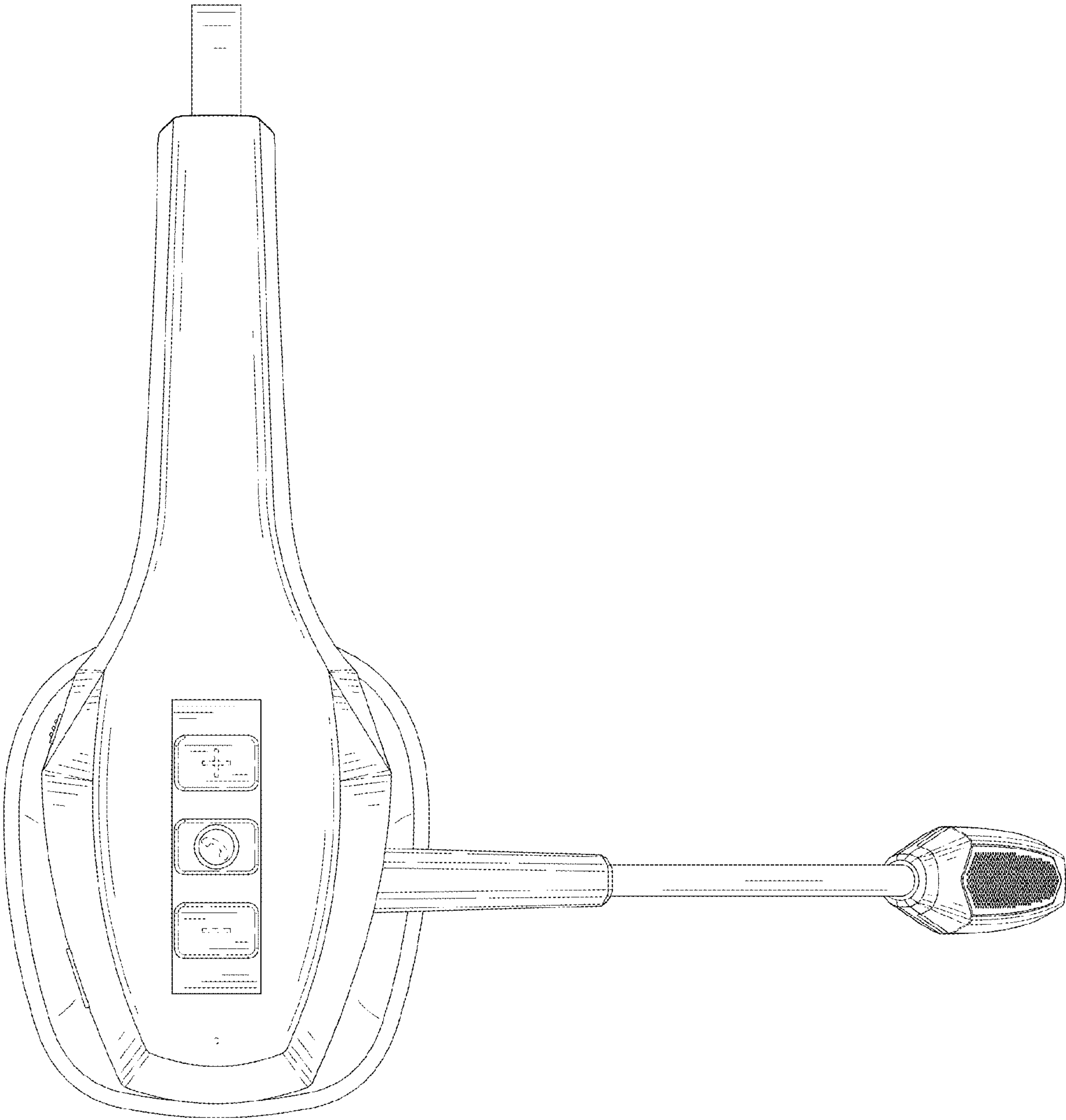


FIG. 5

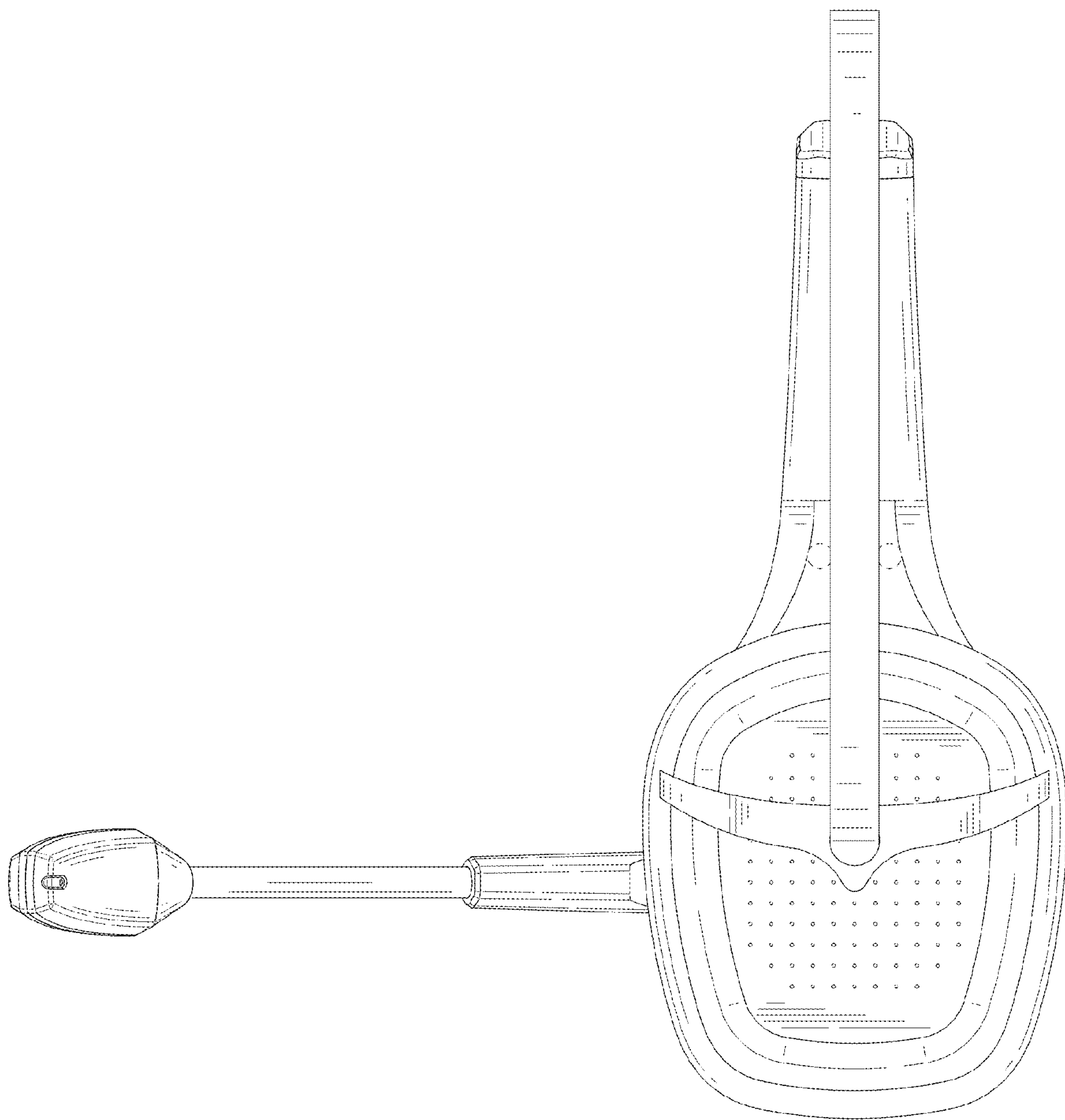


FIG. 6

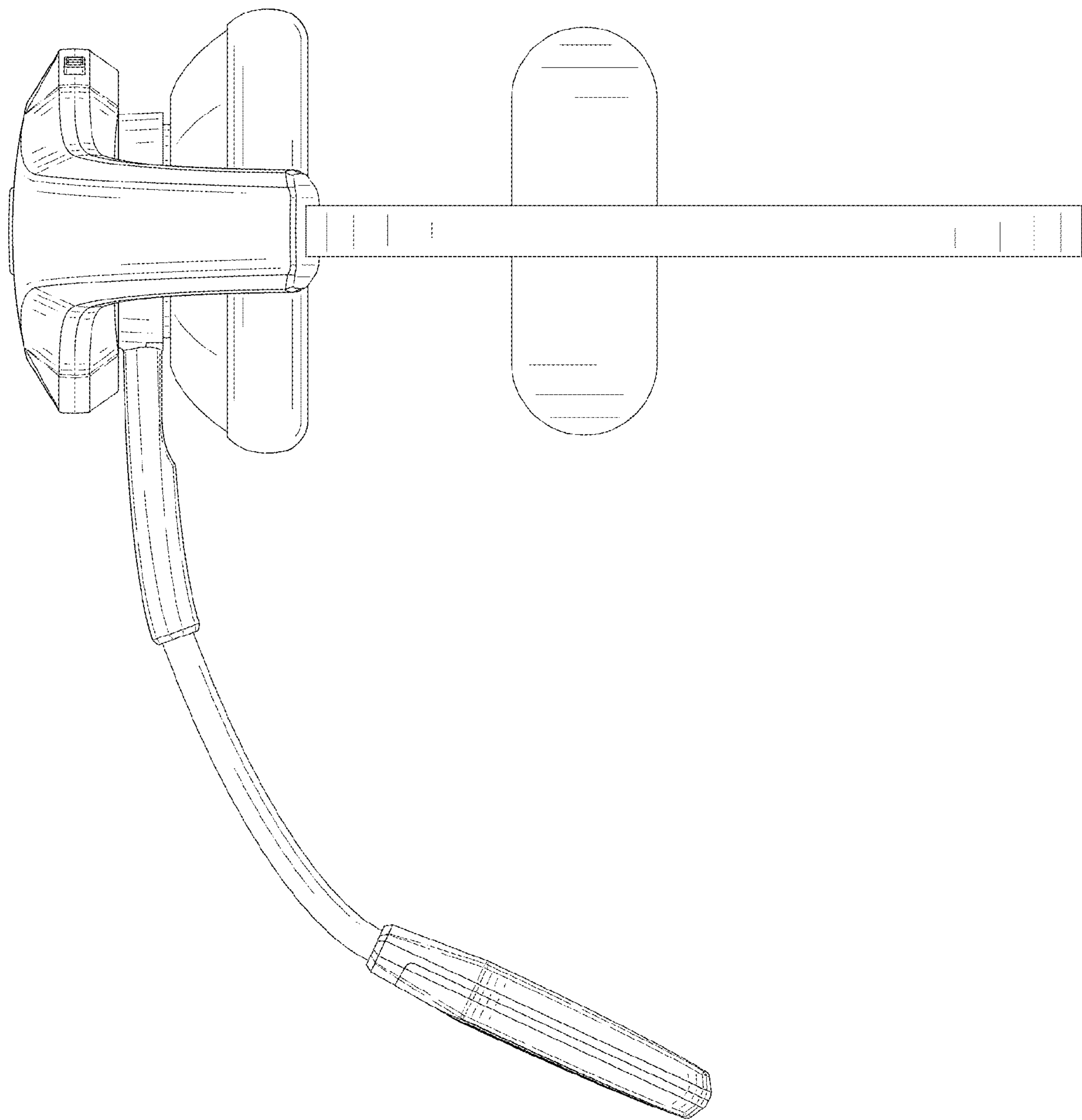


FIG. 7

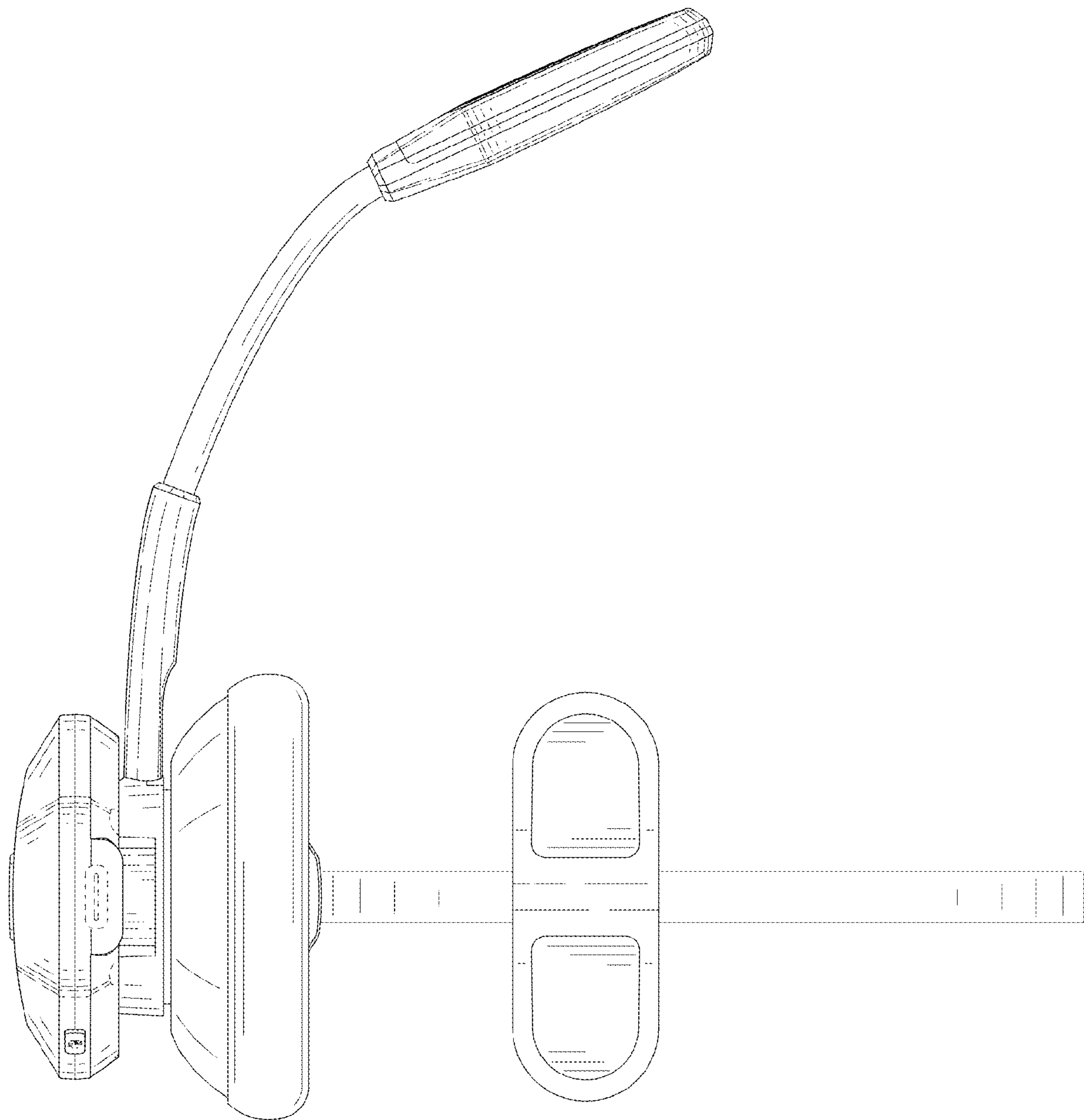


FIG. 8

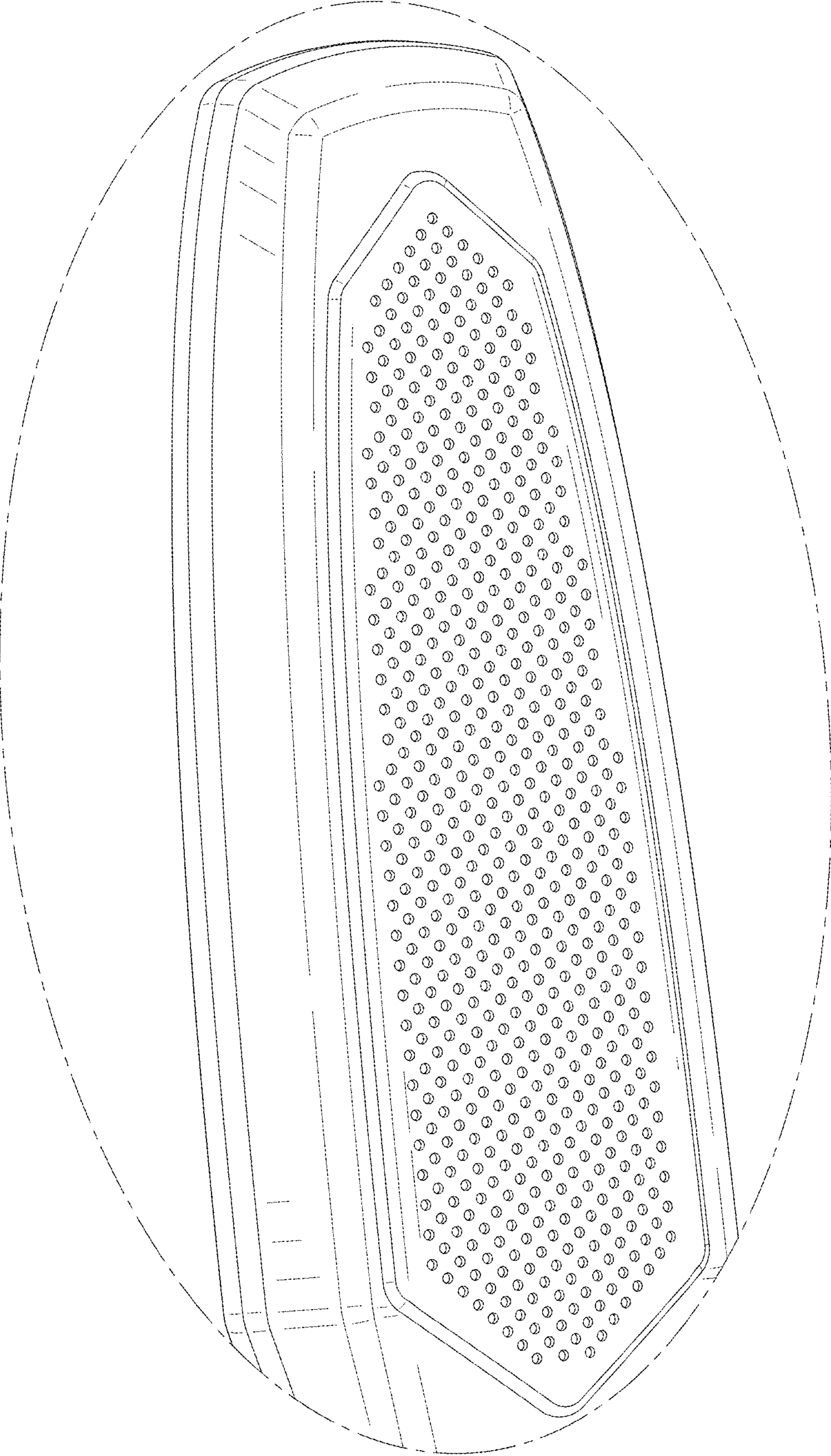


FIG. 9

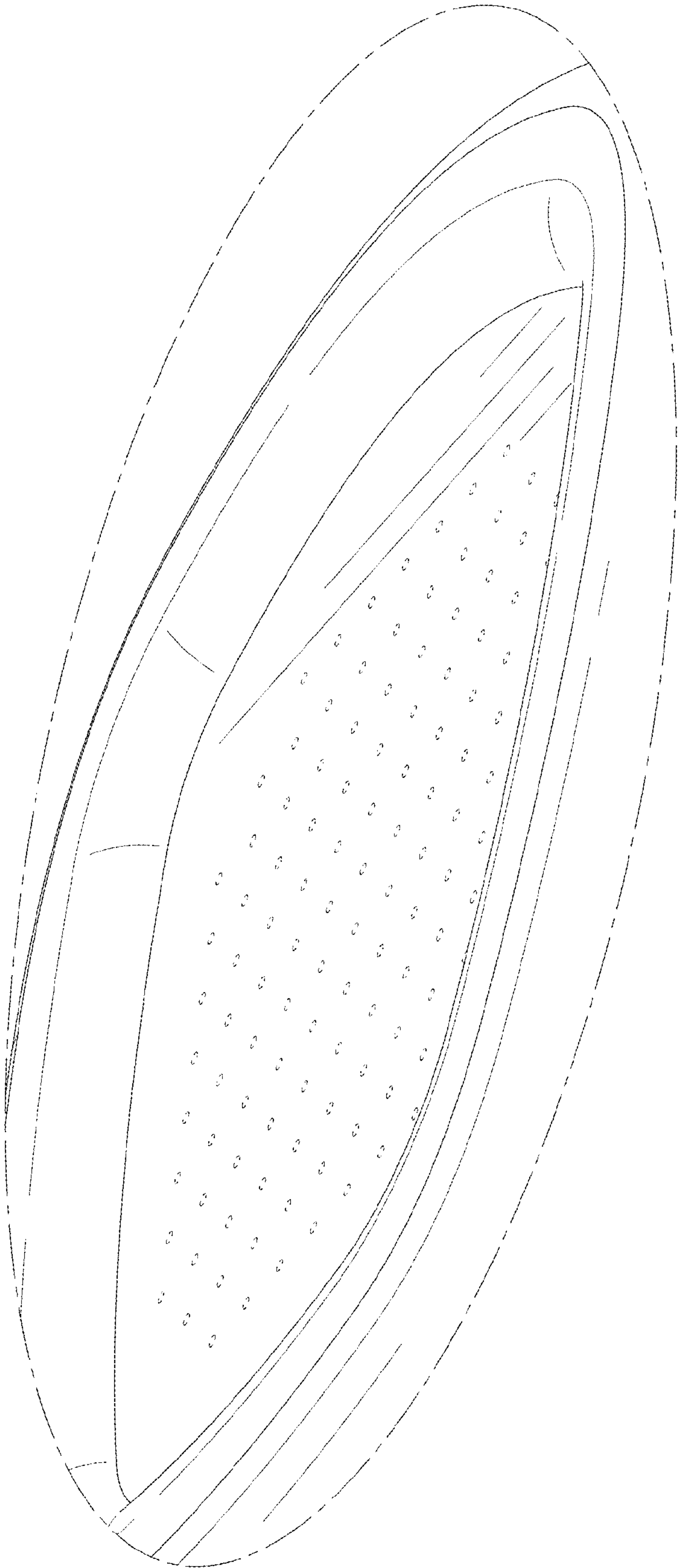


FIG. 10

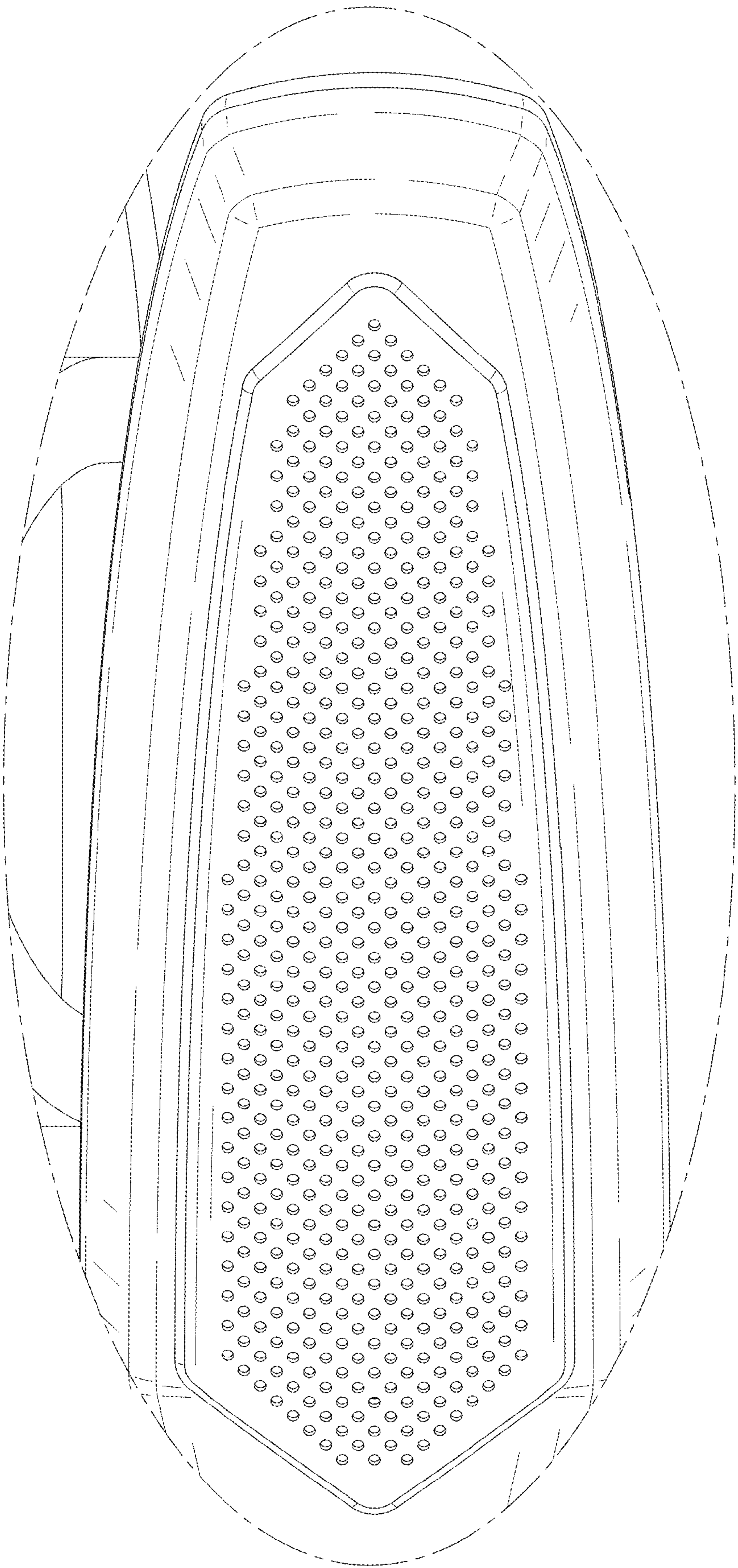


FIG. 11