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(12) **United States Design Patent** (10) **Patent No.:** **US D926,726 S**
Zhang et al. (45) **Date of Patent:** **** Aug. 3, 2021**

(54) **BONE CONDUCTION HEADPHONE**

(56) **References Cited**

(71) Applicant: **SHENZHEN VOXTECH CO., LTD.**,
Guangdong (CN)

U.S. PATENT DOCUMENTS

(72) Inventors: **Haofeng Zhang**, Shenzhen (CN);
Hengnan Dai, Shenzhen (CN);
Mingmin Wang, Shanghai (CN); **Lei
Zhong**, Beijing (CN); **Xin Yu**, Beijing
(CN)

1,042,735 A	10/1912	Whitehead
D315,561 S	3/1991	Miller
D318,669 S	7/1991	Nakayama
D337,587 S	7/1993	Nakayama
D368,716 S	4/1996	Shudo
D371,558 S	7/1996	Yoshizawa
D421,014 S	2/2000	Smith

(Continued)

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

FOREIGN PATENT DOCUMENTS

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

JP	D1663637 S	7/2020
JP	D1663716 S	7/2020

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Primary Examiner — Katie Jane Stofko

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(74) *Attorney, Agent, or Firm* — Metis IP LLC

Related U.S. Application Data

(63) Continuation of application No. 29/697,260, filed on
Jul. 5, 2019, now Pat. No. Des. 909,996.

(57) **CLAIM**

The ornamental design for a bone conduction headphone, as
shown and described.

(30) **Foreign Application Priority Data**

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DESCRIPTION

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

(52) **U.S. Cl.**
USPC **D14/205**; D14/223

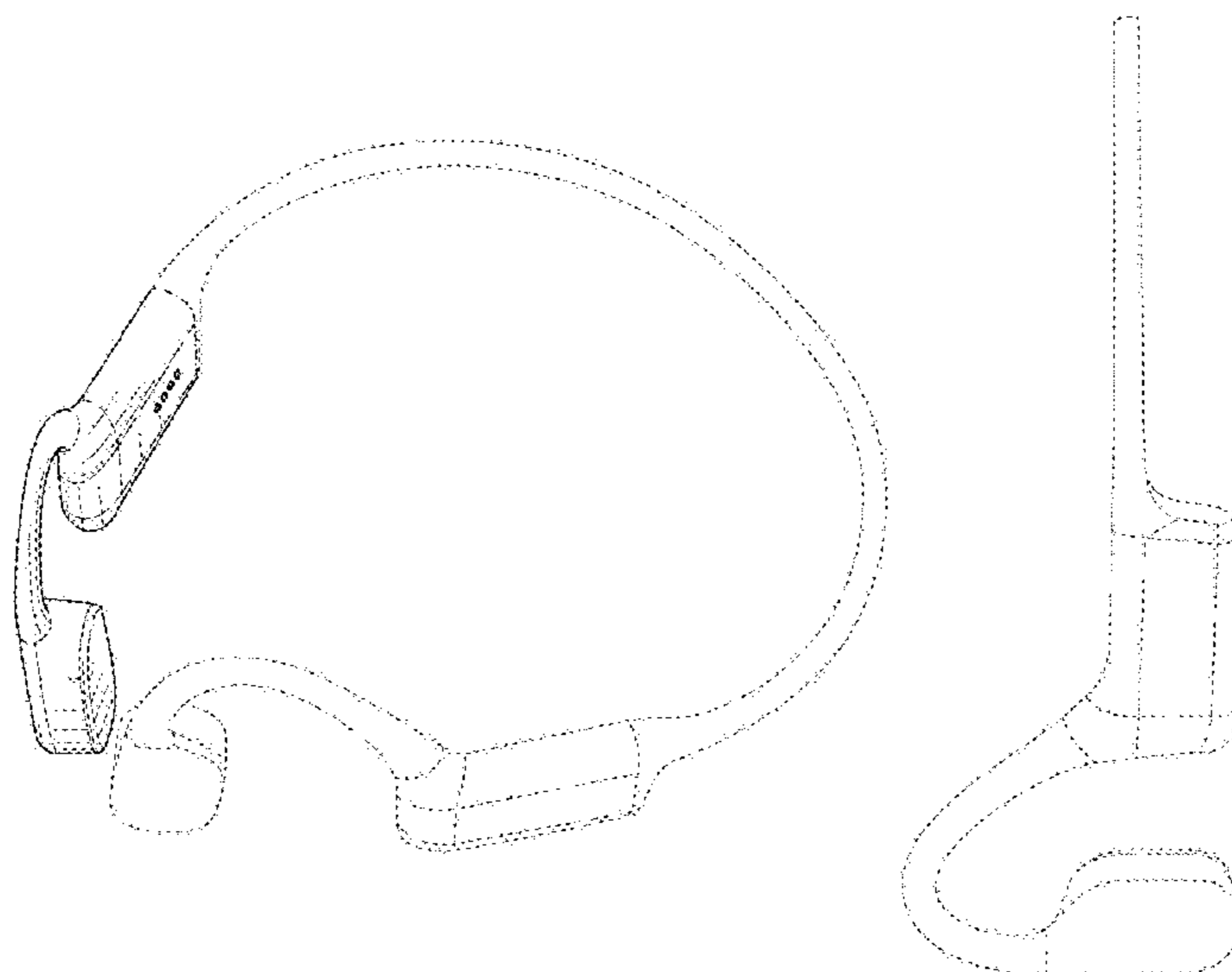
(58) **Field of Classification Search**
USPC D14/223, 205, 206; D24/174; 128/864,
128/865, 866; 181/129, 130, 135;
379/430, 431; 381/380, 381, 322-324,
381/330; 455/90.3, 575, 1, 569.1
CPC H04R 1/10; H04R 25/00; H04R 1/1016;
H04R 1/1066; H04R 5/033; H04R
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H04R 1/105; H04R 1/1083

FIG. 1 is a front, right side, bottom perspective view of a
bone conduction headphone show our new design;
FIG. 2 is a rear, top perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

The shade lines in the Figures show contour and not surface
ornamentation. The short dash broken lines indicate portions
of the bone conduction headphone that form no part of the
claimed design. The dot-dash broken lines indicate
unclaimed boundaries of the claimed design.

See application file for complete search history.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D426,880 S 6/2000 Leight
 6,233,345 B1* 5/2001 Urwyler H04R 1/1033
 351/123
 D458,245 S* 6/2002 Masuda D14/192
 D460,752 S 7/2002 Gerdom
 D471,176 S 3/2003 Suzuki
 D502,463 S 3/2005 Bhakta
 D550,202 S 9/2007 Meier et al.
 D557,685 S 12/2007 Lee
 D575,268 S 8/2008 Christopher et al.
 D579,442 S 10/2008 Kim et al.
 D604,269 S 11/2009 Choe
 D617,308 S 6/2010 Nousiainen et al.
 D623,627 S 9/2010 Alden et al.
 D645,444 S 9/2011 Quek
 D653,234 S 1/2012 Lee et al.
 D669,881 S 10/2012 Clements et al.
 D678,858 S 3/2013 Feng et al.
 8,411,893 B2 4/2013 Ito et al.
 8,433,082 B2 4/2013 Abolfathi
 D706,745 S 6/2014 Nakagawa
 D707,199 S 6/2014 Cepress et al.
 D716,759 S 11/2014 Ha et al.
 D717,765 S 11/2014 Rausch et al.
 D721,673 S 1/2015 Park et al.
 D722,999 S 2/2015 Ishikura
 D740,785 S 10/2015 Chen et al.
 D756,958 S 5/2016 Lee et al.

D756,959 S 5/2016 Lee et al.
 D761,770 S* 7/2016 Kanou D14/223
 D763,821 S 8/2016 Leopardi et al.
 D766,869 S 9/2016 Lee et al.
 D771,587 S 11/2016 Iwane et al.
 D790,501 S 6/2017 Wang
 D790,502 S 6/2017 Qi et al.
 D791,100 S 7/2017 Chen et al.
 D810,719 S 2/2018 Nagamine et al.
 9,949,014 B2 4/2018 Cramer et al.
 D823,279 S 7/2018 Chen et al.
 D829,190 S 9/2018 Bullen et al.
 D851,060 S 6/2019 Lu
 D851,623 S 6/2019 Zhang et al.
 D875,710 S 2/2020 Bailey et al.
 D884,670 S* 5/2020 White D14/205
 D892,089 S* 8/2020 Karayiannis D14/223
 D895,571 S 9/2020 Li et al.
 D906,281 S* 12/2020 Zhang D14/205
 D907,002 S* 1/2021 Zhang D14/205
 D909,996 S* 2/2021 Zhang D14/223
 D912,644 S* 3/2021 Liu D14/205
 2014/0185837 A1* 7/2014 Kunimoto H04R 1/1075
 381/151
 2015/0319526 A1 11/2015 Kunimoto et al.
 2017/0127167 A1* 5/2017 Zheng H04R 1/105
 2017/0223445 A1 8/2017 Bullen et al.
 2019/0075389 A1 3/2019 Jan
 2021/0021939 A1* 1/2021 Olah H04R 25/40
 2021/0076123 A1* 3/2021 Zhang H04R 1/10

* cited by examiner

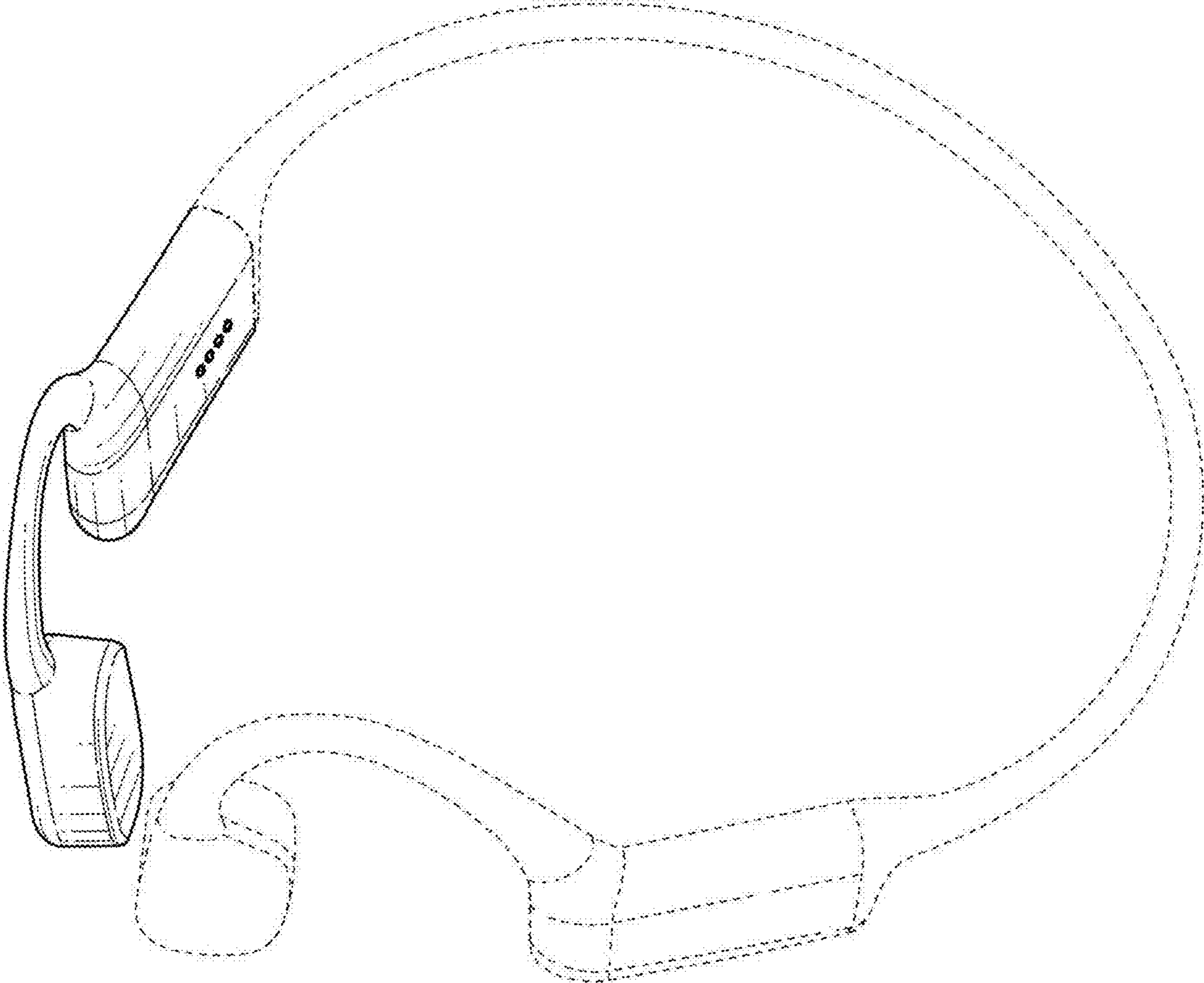


FIG. 1

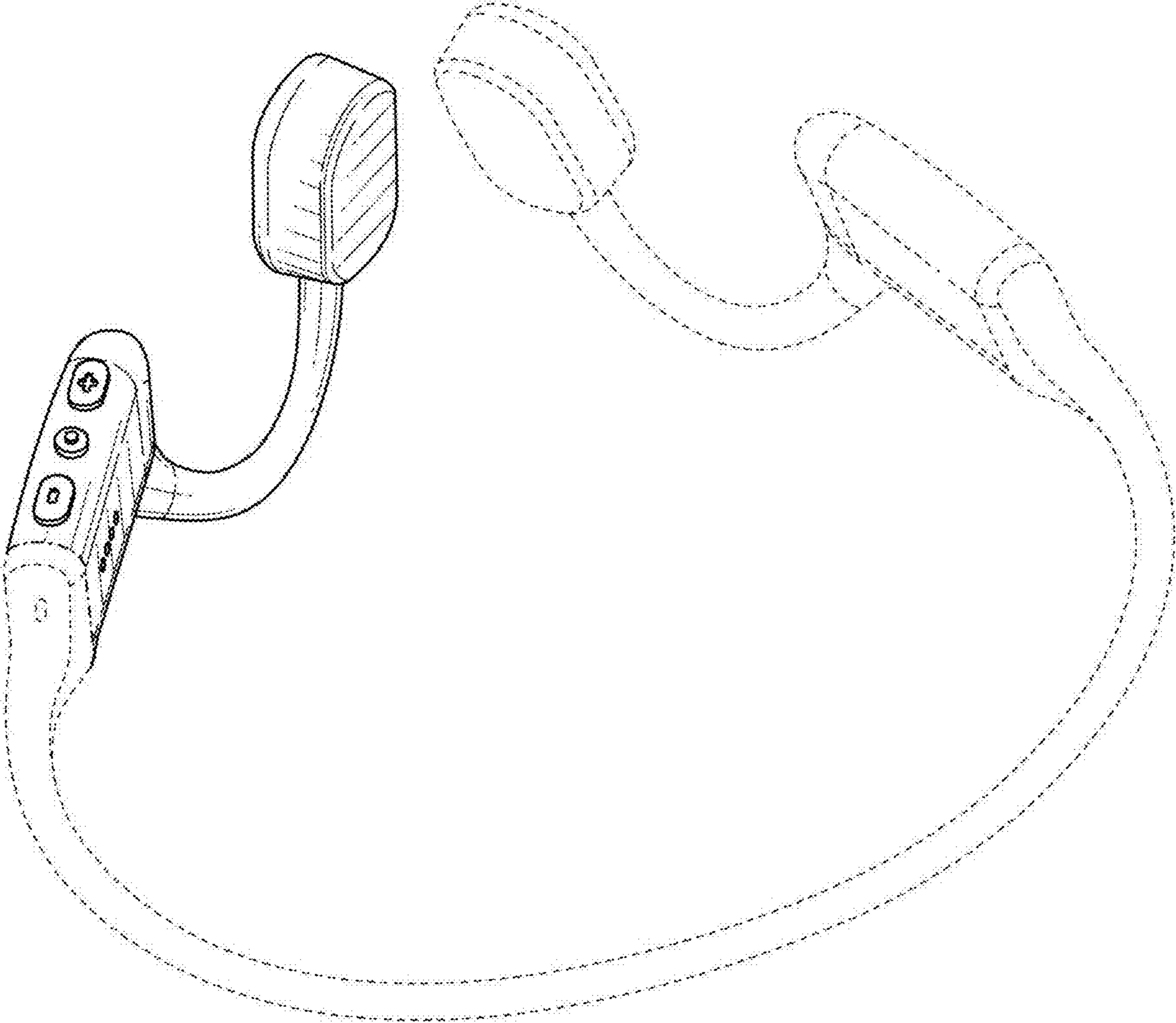


FIG. 2

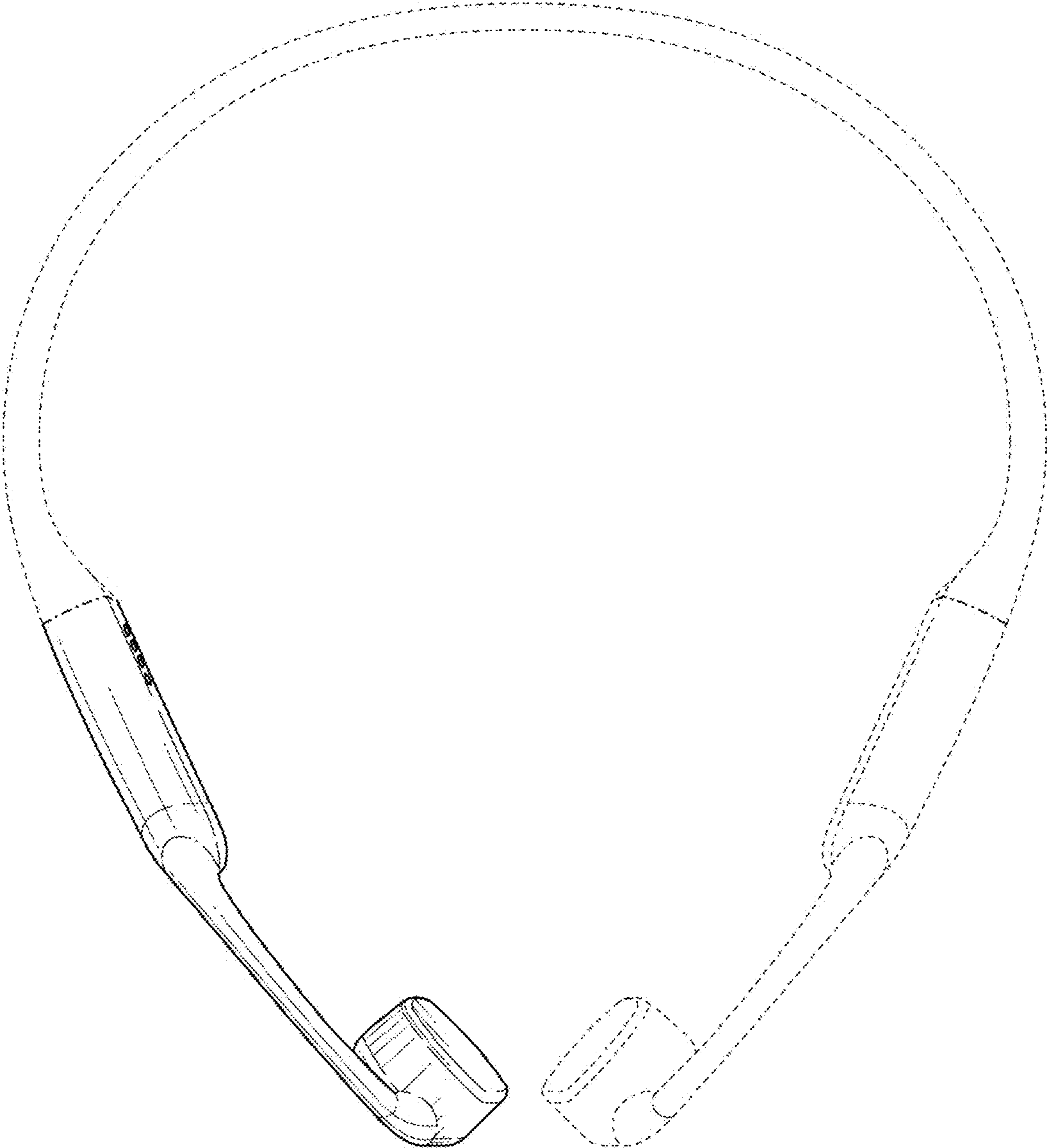


FIG. 3

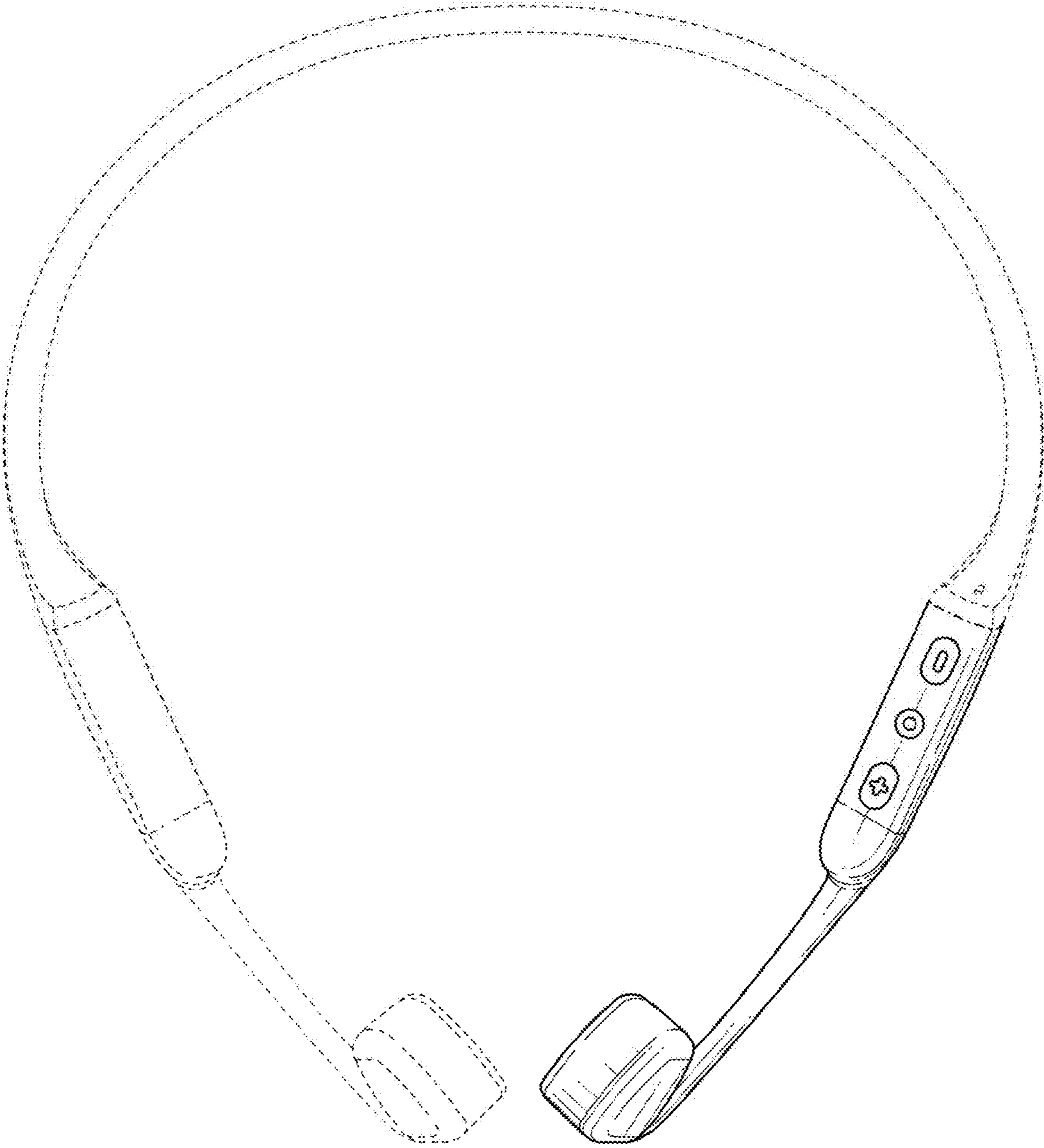


FIG. 4

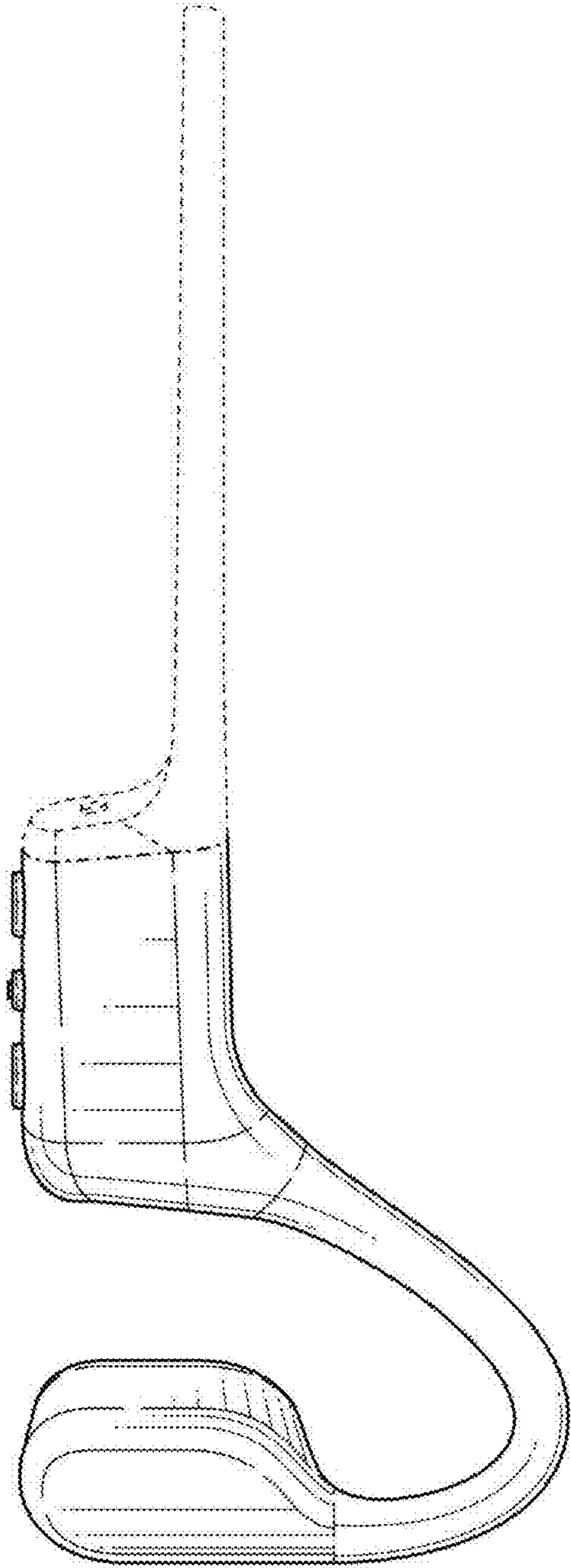


FIG. 5

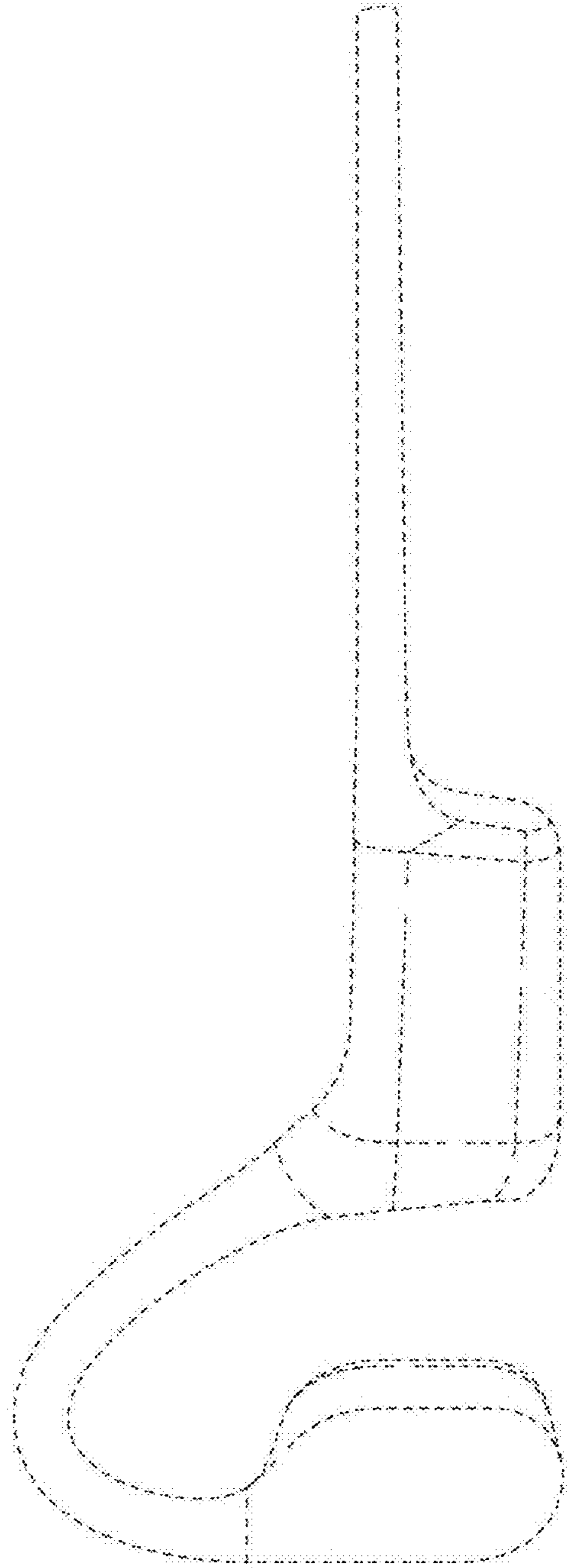


FIG. 6

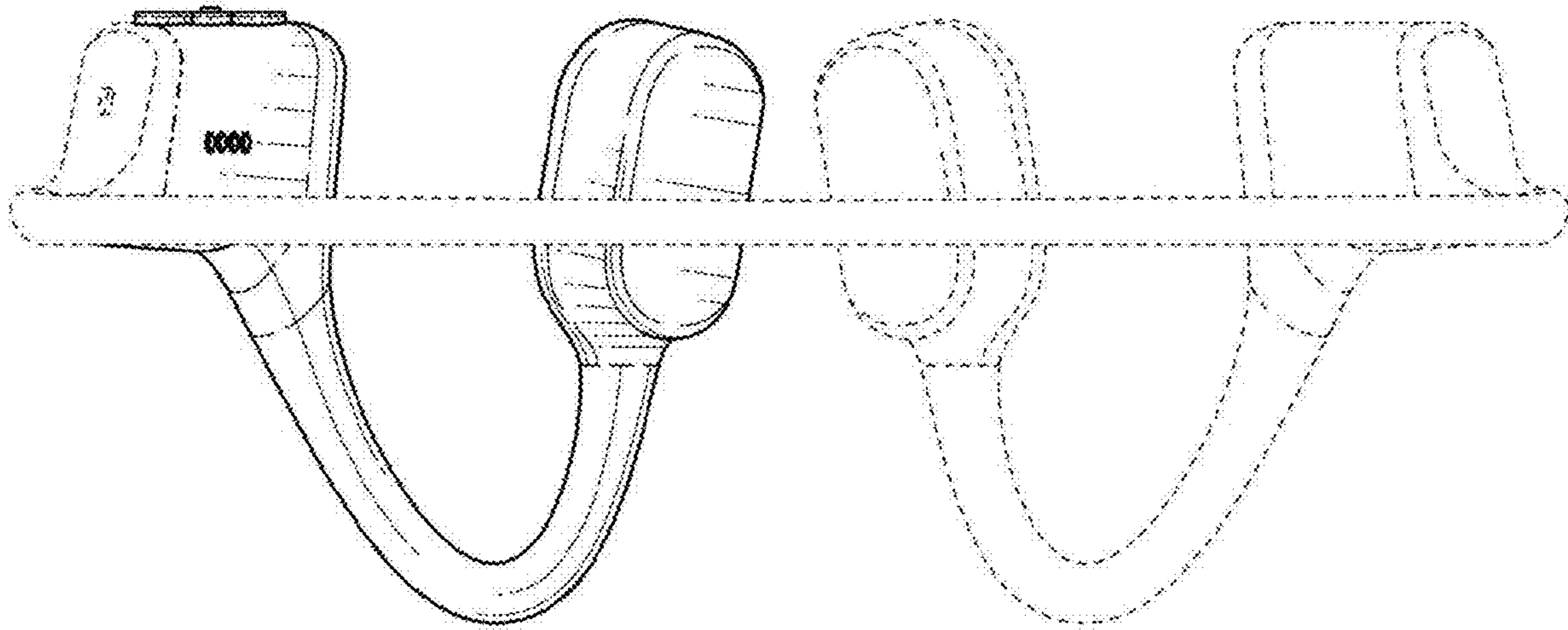


FIG. 7

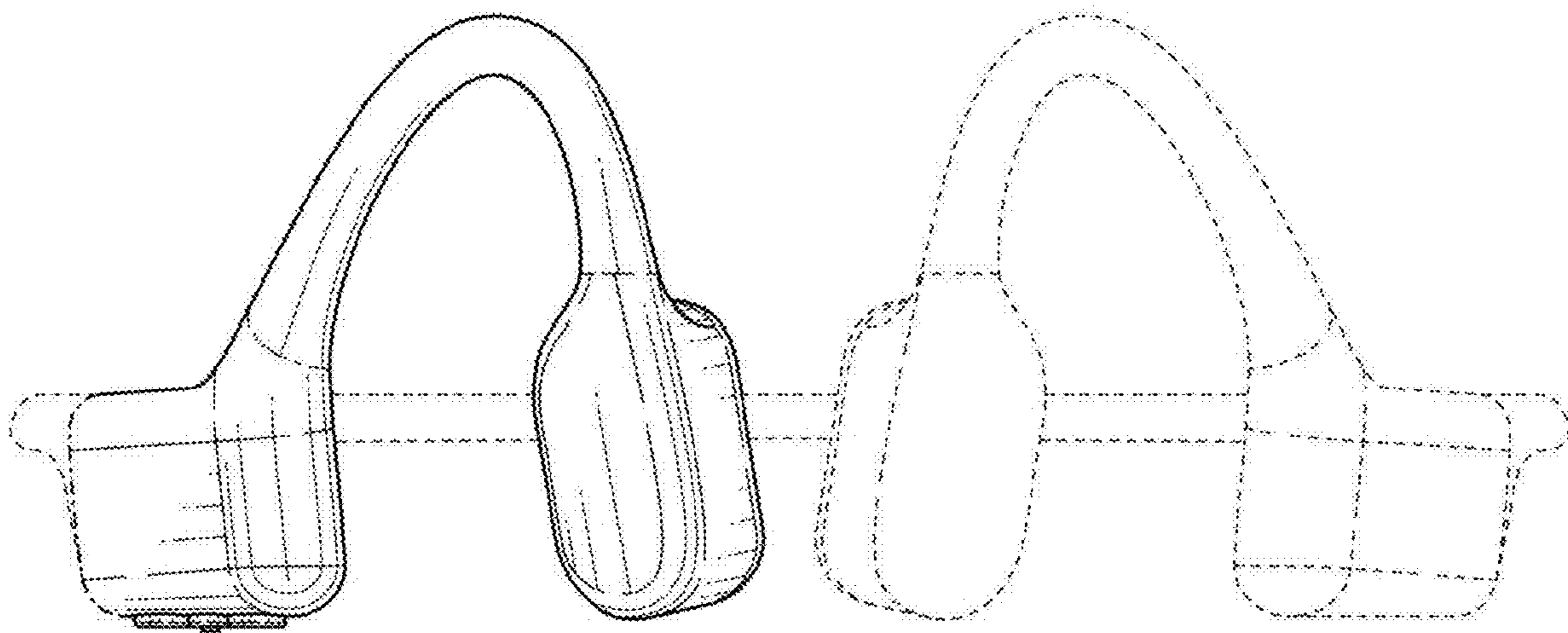


FIG. 8