



US00D907002S

(12) **United States Design Patent**
Zhang et al.

(10) **Patent No.:** **US D907,002 S**
(45) **Date of Patent:** **** Jan. 5, 2021**

(54) **BONE CONDUCTION HEADPHONE**

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

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

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

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

(21) Appl. No.: **29/697,258**

(22) Filed: **Jul. 5, 2019**

(30) **Foreign Application Priority Data**

Jan. 5, 2019 (CN) 2019 3 0005439
Jan. 5, 2019 (CN) 2019 3 0005440
Jan. 5, 2019 (CN) 2019 3 0005446
Jan. 5, 2019 (CN) 2019 3 0005456

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

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

(58) **Field of Classification Search**
USPC D14/205, 188, 192, 372; 2/209;
381/380, 381, 151, 183; 455/90.3, 575.1,
455/569.1
CPC H04R 1/1066; H04R 1/1016; H04R 5/033;
H04R 5/0335; H04R 1/10; H04R 25/00;
H04R 1/46; H04R 1/105
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,042,735 A * 10/1912 Jan B42F 13/02
402/13
D315,561 S * 3/1991 Miller D14/192

D318,669 S * 7/1991 Nakayama D14/205
D337,587 S * 7/1993 Nakayama D14/205
D368,716 S * 4/1996 Shudo D14/205
D371,558 S * 7/1996 Yoshizawa D14/205
D421,014 S * 2/2000 Smith D14/205
D426,880 S * 6/2000 Leight D14/223
D460,752 S * 7/2002 Gerdom D14/222
D471,176 S * 3/2003 Suzuki D14/205
D502,463 S * 3/2005 Bhakta D14/205

(Continued)

FOREIGN PATENT DOCUMENTS

JP 1663637 * 6/2020
JP 1663638 * 6/2020

(Continued)

Primary Examiner — Paula Allen Greene

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

(57) **CLAIM**

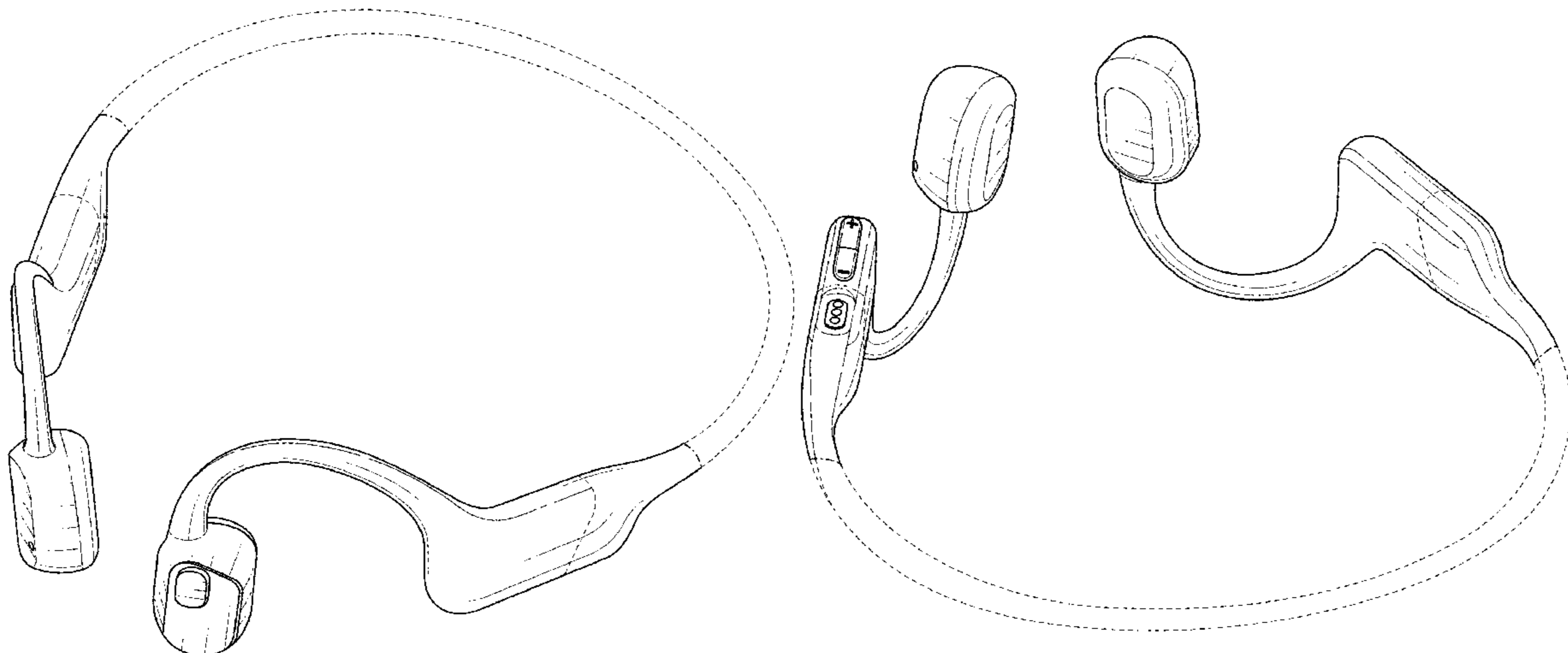
The ornamental design for a bone conduction headphone, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a bone conduction headphone, showing our new design;
FIG. 2 is bottom 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.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D550,202 S * 9/2007 Meier D14/206
 D557,685 S * 12/2007 Lee D14/205
 D575,268 S * 8/2008 Christopher D14/205
 D579,442 S * 10/2008 Kim D14/205
 D604,269 S * 11/2009 Choe D14/205
 D617,308 S * 6/2010 Nousiainen D14/205
 D623,627 S * 9/2010 Alden D14/205
 D645,444 S * 9/2011 Quek D14/205
 D653,234 S * 1/2012 Lee D14/205
 D669,881 S * 10/2012 Clements D14/205
 D678,858 S * 3/2013 Feng D14/205
 8,411,893 B2 * 4/2013 Ito H04R 1/1066
 381/381
 8,433,082 B2 * 4/2013 Abolfathi H04R 17/005
 381/151
 D706,745 S * 6/2014 Nakagawa H04R 1/1066
 D14/205
 D707,199 S * 6/2014 Cexpress H04R 1/10
 D14/205
 D716,759 S * 11/2014 Ha D14/205
 D717,765 S * 11/2014 Rausch D14/205
 D721,673 S * 1/2015 Park D14/205
 D722,999 S * 2/2015 Ishikura D14/205

D740,785 S * 10/2015 Chen D14/205
 D756,958 S * 5/2016 Lee D14/205
 D756,959 S * 5/2016 Lee D14/205
 D763,821 S * 8/2016 Leopardi D14/205
 D766,869 S * 9/2016 Lee D14/205
 D771,587 S * 11/2016 Iwane D14/205
 D790,501 S * 6/2017 Wang D14/205
 D790,502 S * 6/2017 Qi D14/205
 D791,100 S * 7/2017 Chen D14/205
 9,788,097 B2 * 10/2017 Bullen H04R 1/1033
 D810,719 S * 2/2018 Nagamine D14/205
 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 D14/205
 D851,623 S * 6/2019 Zhang D14/205
 D875,710 S 2/2020 Bailey et al.
 D895,571 S 9/2020 Li et al.
 2015/0319526 A1 11/2015 Kunimoto et al.
 2017/0223445 A1 * 8/2017 Bullen G06F 3/165
 2019/0075389 A1 3/2019 Jan

FOREIGN PATENT DOCUMENTS

JP 1663715 * 6/2020
 JP 1663716 * 6/2020

* cited by examiner

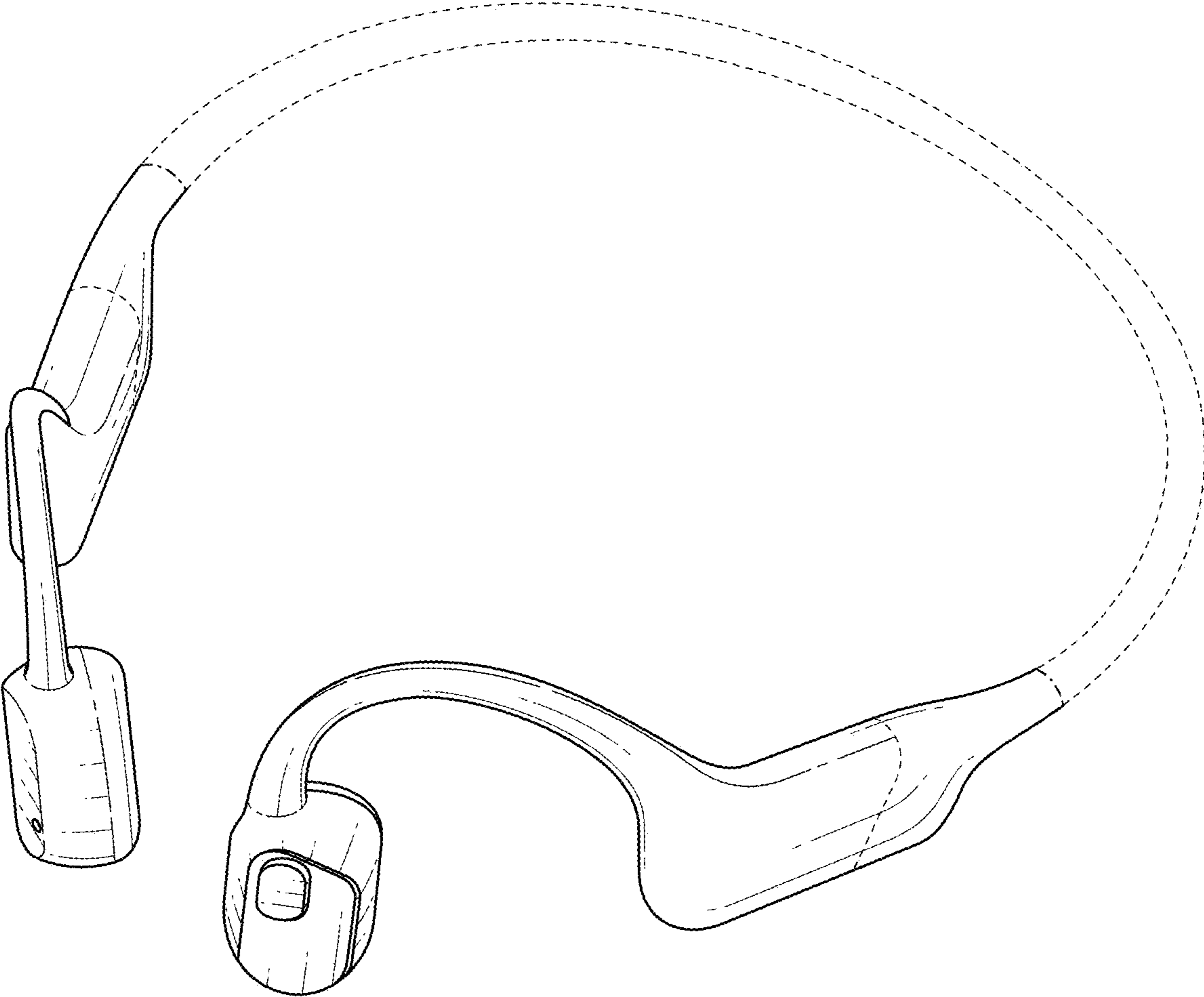


FIG. 1

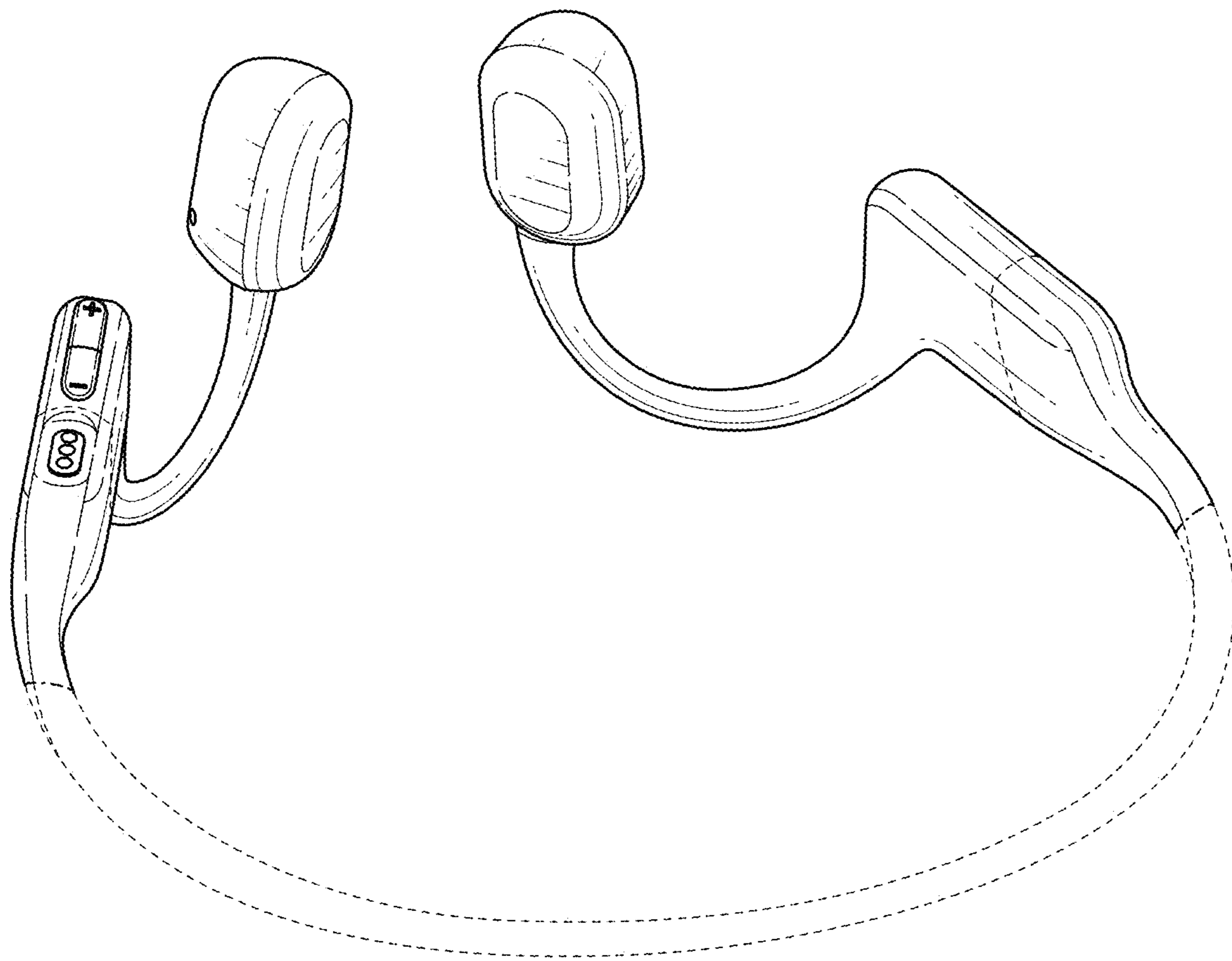


FIG. 2

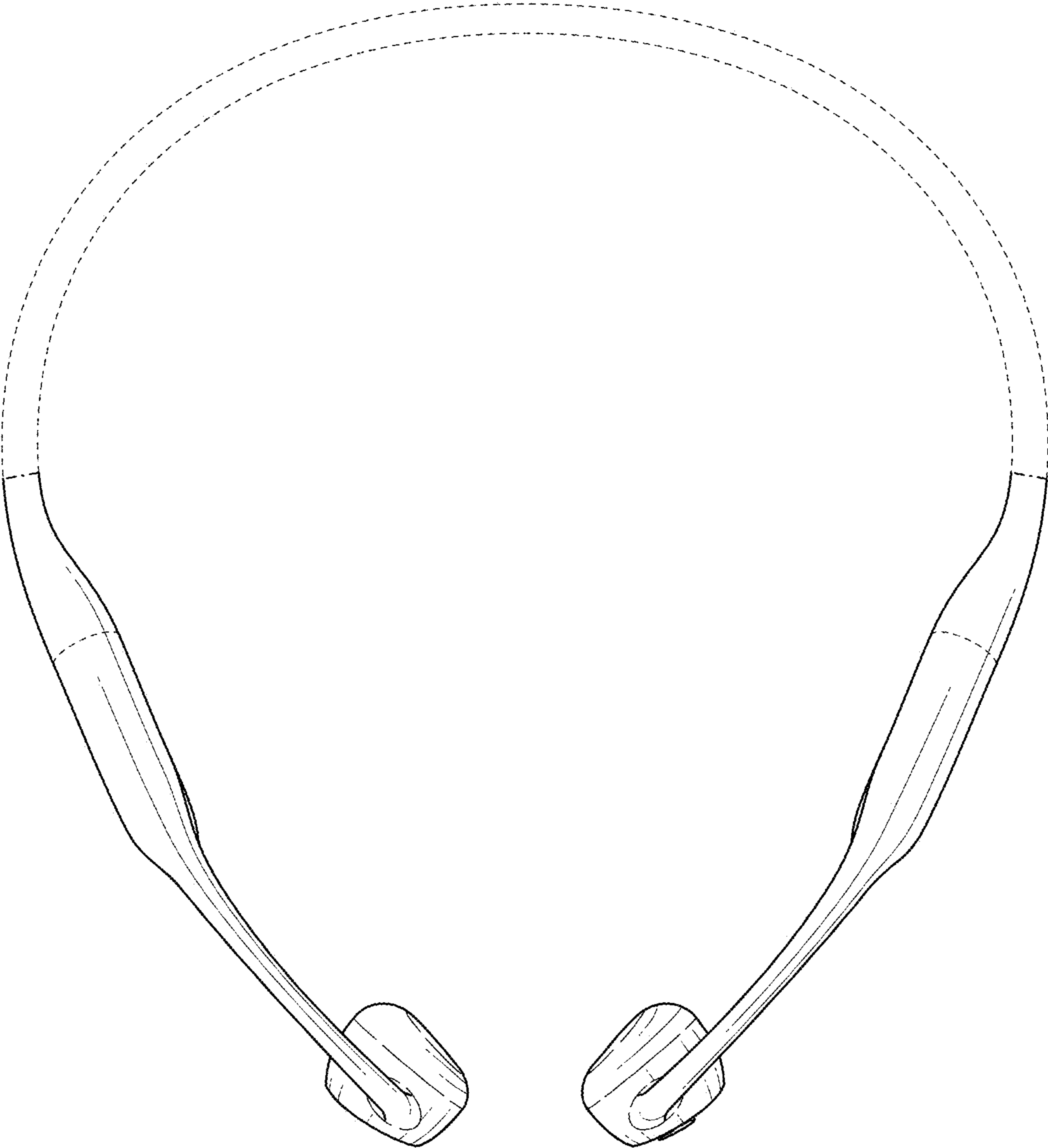


FIG. 3



FIG. 4

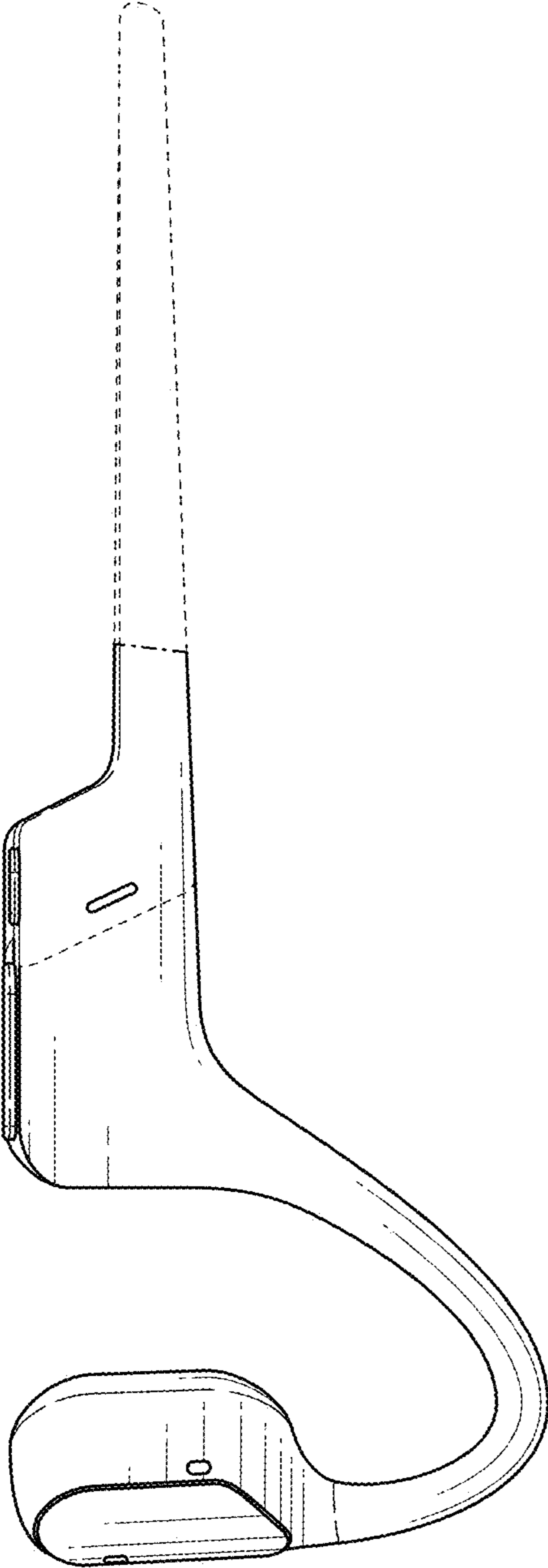


FIG. 5

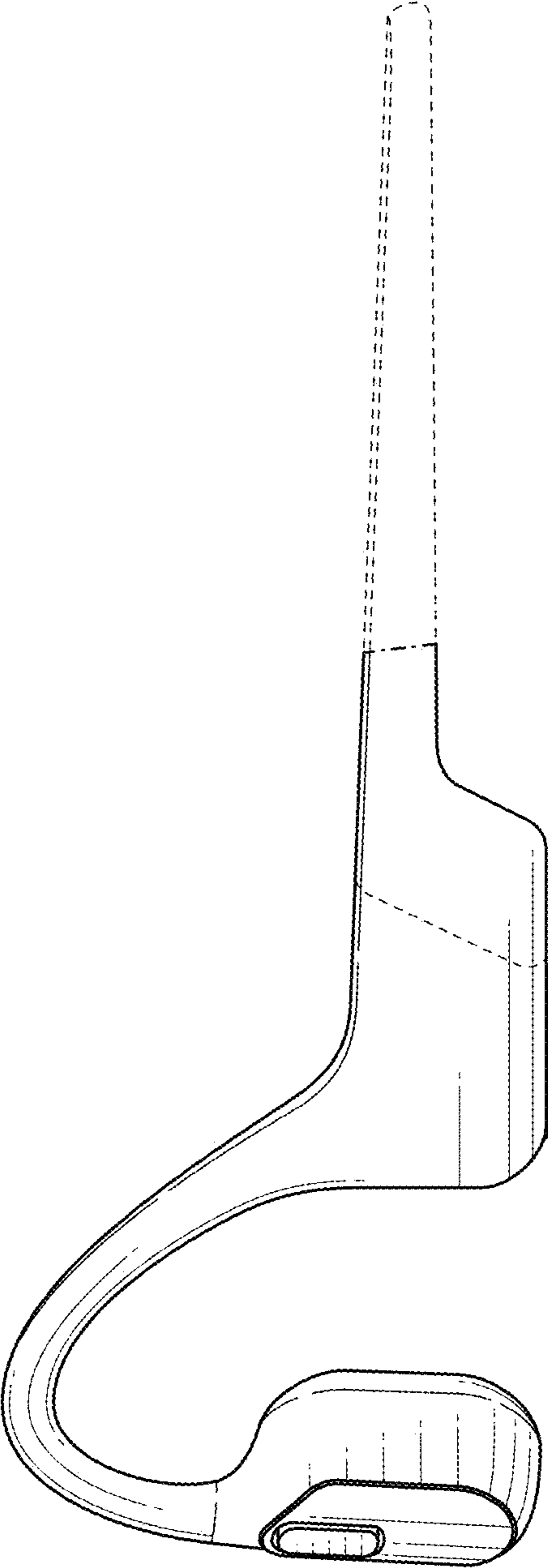


FIG. 6

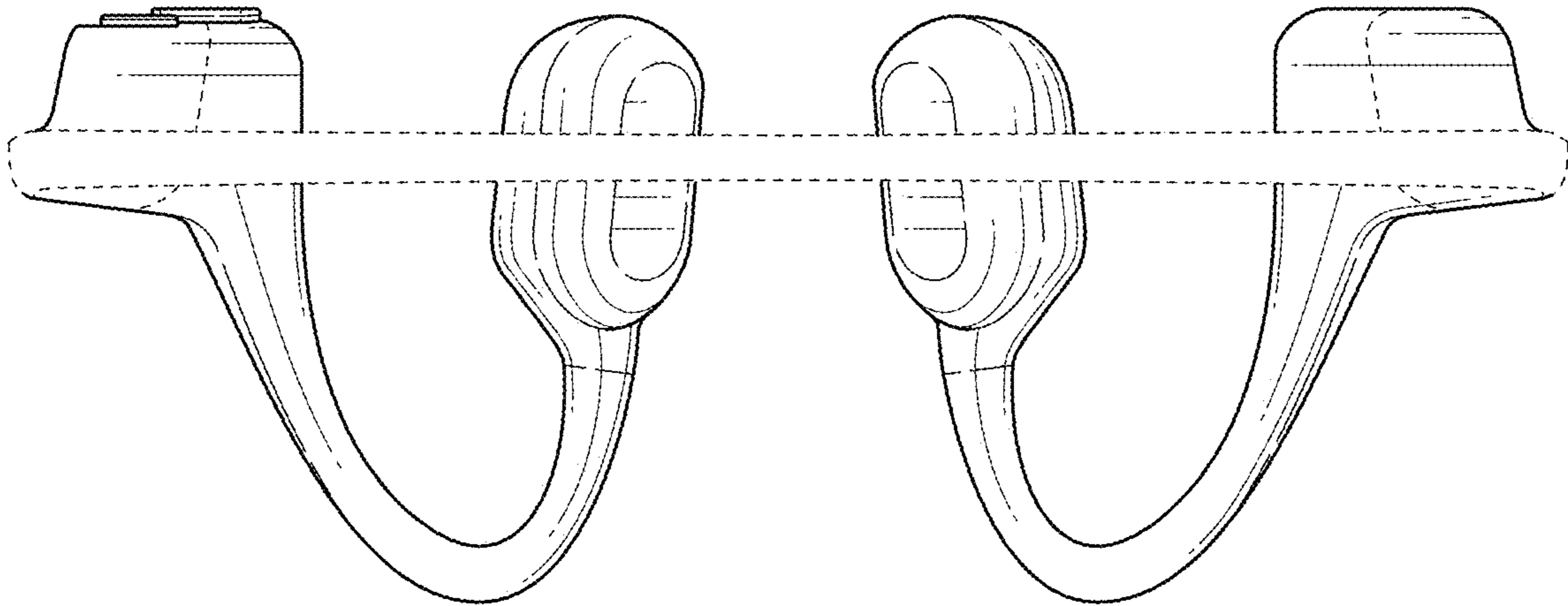


FIG. 7

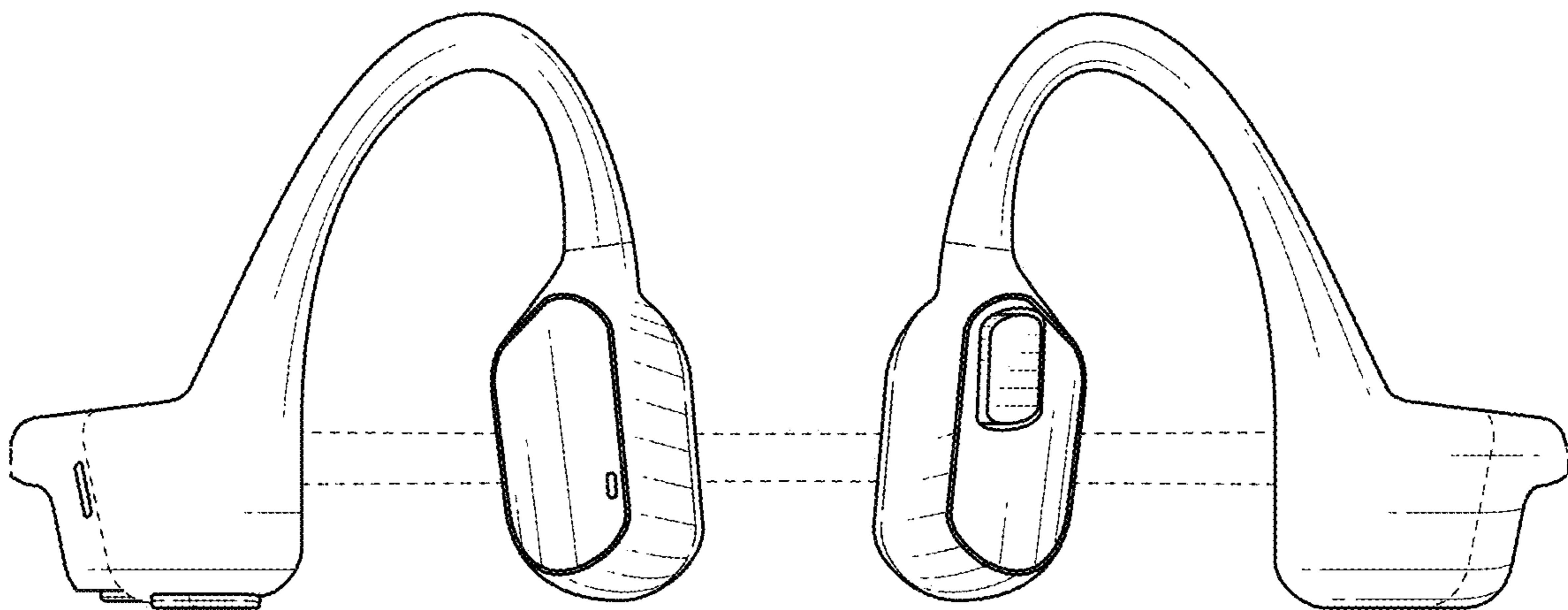


FIG. 8