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(12) **United States Design Patent** (10) **Patent No.:** **US D771,013 S**
Yang (45) **Date of Patent:** **** Nov. 8, 2016**

(54) **EARPHONE**

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(72) Inventor: **Yong Yang, Shenzhen (CN)**

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

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(51) **LOC (10) Cl.** **14-01**

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

(58) **Field of Classification Search**
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CPC H04R 1/1066; H04R 25/00; H04R 1/10; H04R 5/0335; H04R 5/033
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,481,946 A * 9/1949 Pendleton G02C 3/003 2/450
2,891,116 A * 6/1959 Nichols H04R 25/602 381/323
D318,669 S * 7/1991 Nakayama D14/205
D337,587 S * 7/1993 Nakayama D14/205
D350,354 S * 9/1994 Nakamura D14/205
D351,597 S * 10/1994 Nakamura D14/205
D394,436 S * 5/1998 Hall D14/206
6,010,216 A * 1/2000 Jesiek H04B 1/385 351/158
D449,290 S * 10/2001 Taylor D14/206
D458,245 S * 6/2002 Masuda D14/192
6,603,863 B1 * 8/2003 Nagayoshi H04R 5/0335 381/370
D550,202 S * 9/2007 Meier D14/206
D560,206 S * 1/2008 Hermansen D14/206

D575,268 S * 8/2008 Christopher D14/205
D579,442 S * 10/2008 Kim D14/205
D583,800 S * 12/2008 Jaakkola D14/205
D587,678 S * 3/2009 Yuyama D14/205
D587,680 S * 3/2009 Komiyama D14/205
D593,067 S * 5/2009 Millora D14/205
D593,538 S * 6/2009 Chon D14/205
D594,442 S * 6/2009 Chon D14/205
D596,617 S * 7/2009 Devlas D14/205
D604,269 S * 11/2009 Choe D14/205
D605,168 S * 12/2009 Jaakkola D14/205
D617,308 S * 6/2010 Nousiainen D14/205
7,920,902 B2 * 4/2011 Carroll H04M 1/6066 381/74
8,009,853 B2 * 8/2011 Ito H04R 1/1066 381/370
D645,444 S * 9/2011 Quek D14/205
D653,234 S * 1/2012 Lee D14/205
8,094,858 B2 * 1/2012 Thiel G02C 3/003 381/327
D663,714 S * 7/2012 Kang D14/205
D669,881 S * 10/2012 Clements D14/205
8,363,875 B2 * 1/2013 Ito H04R 1/1066 381/379

(Continued)

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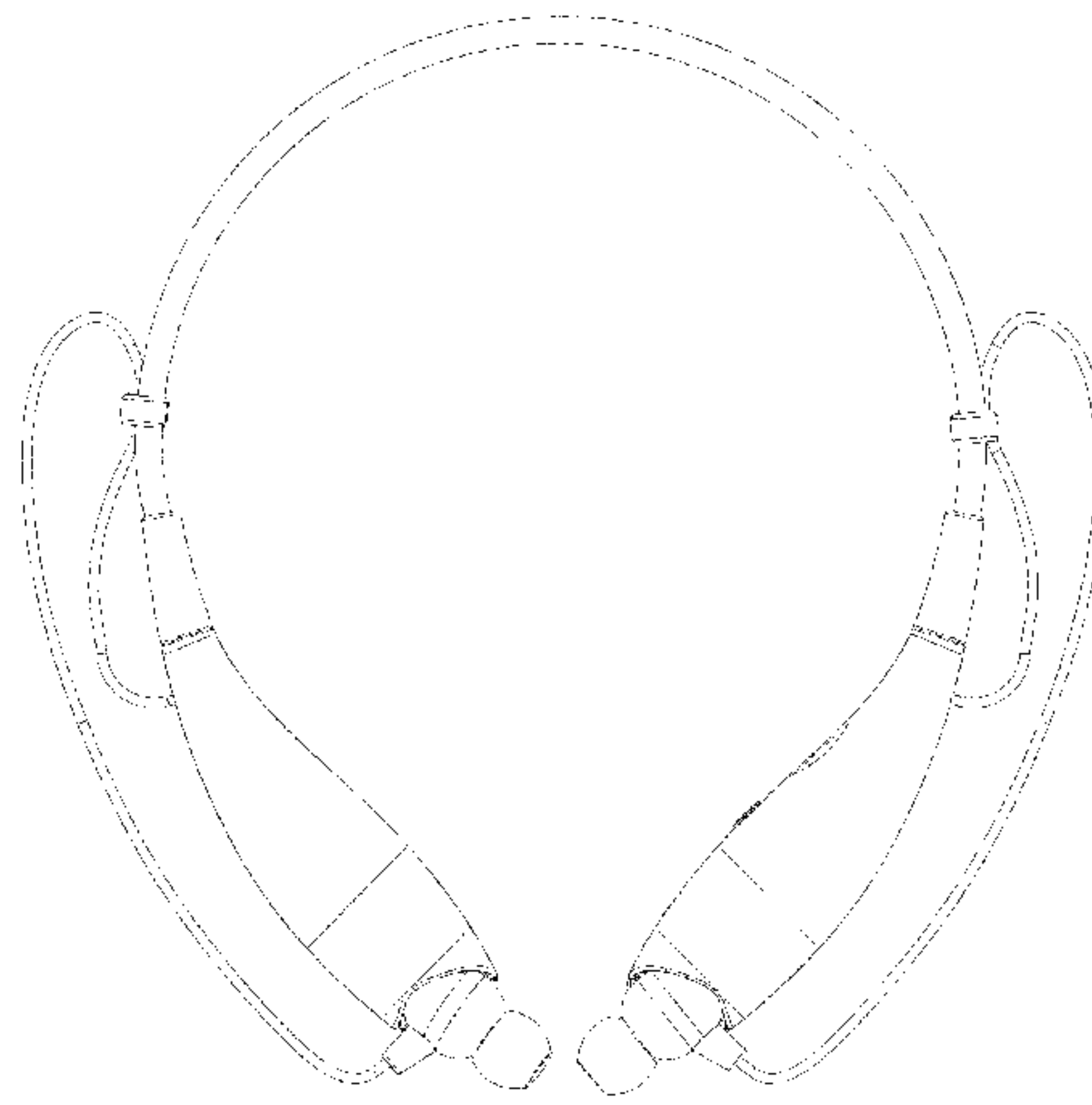
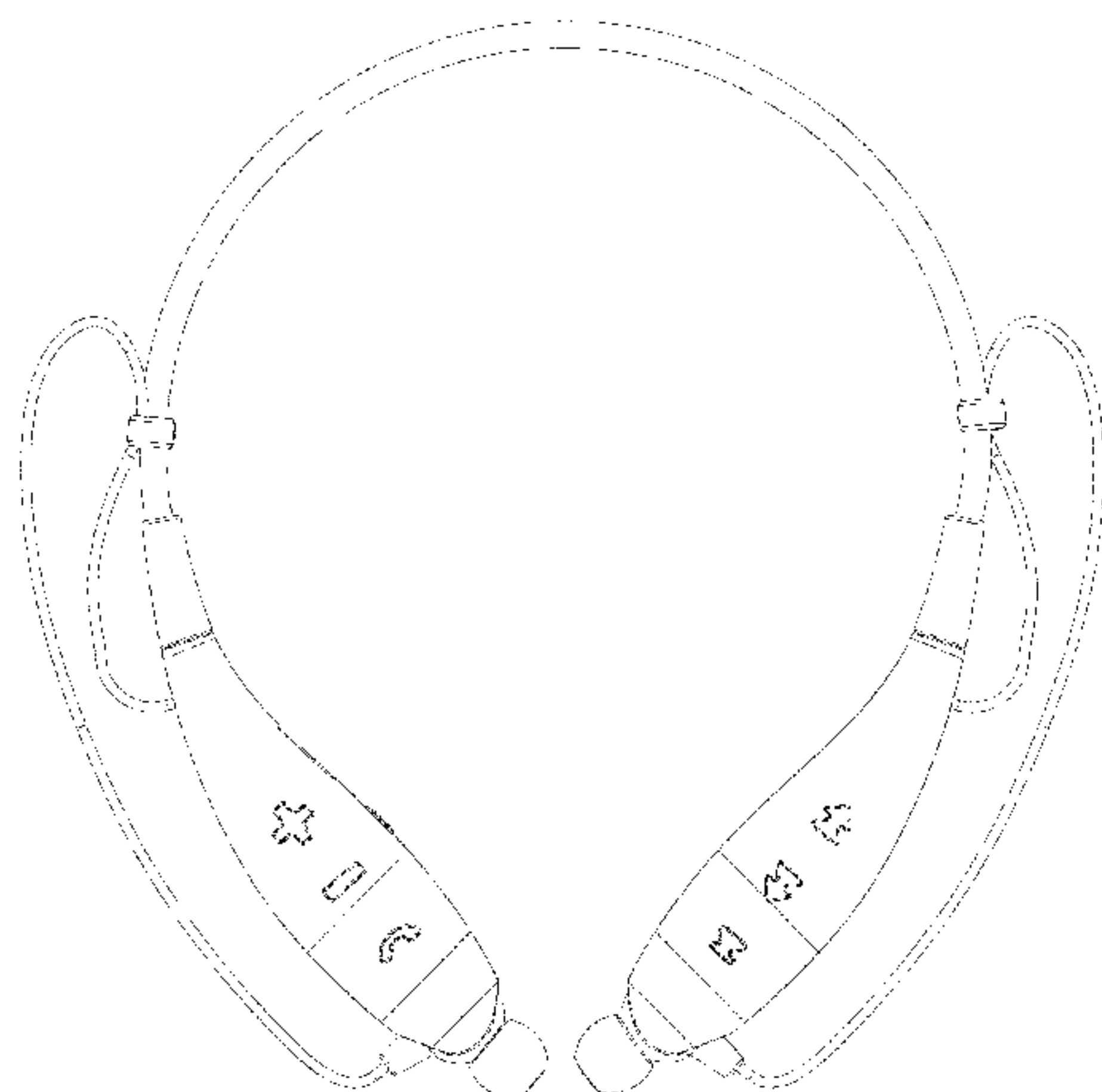
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevational view of an earphone showing my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a front perspective view thereof;
FIG. 8 is a back perspective view thereof; and,
FIG. 9 is another front perspective view thereof showing the earphone in use.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D678,857 S * 3/2013 Feng D14/205
8,411,893 B2 * 4/2013 Ito H04R 1/105
181/135
8,433,082 B2 * 4/2013 Abolfathi H04R 1/46
381/151
D686,189 S * 7/2013 Lu D14/205
D703,634 S * 4/2014 Han D14/205
D706,745 S * 6/2014 Nakagawa D14/205
D707,199 S * 6/2014 Cepress D14/205
D716,759 S * 11/2014 Ha D14/205
D721,673 S * 1/2015 Park D14/205
D723,510 S * 3/2015 Ishikura D14/205
D730,867 S * 6/2015 Park D14/205
D731,999 S * 6/2015 Cepress D14/205
9,055,795 B2 * 6/2015 Larkin A45C 11/00
D740,785 S * 10/2015 Chen D14/205

D743,933 S * 11/2015 Park D14/205
D752,026 S * 3/2016 Yang D14/223
D756,958 S * 5/2016 Lee D14/205
D756,959 S * 5/2016 Lee D14/205
2007/0003093 A1 * 1/2007 Ito H04R 5/0335
381/378
2009/0274335 A1 * 11/2009 Cheung H04R 5/0335
381/374
2010/0283962 A1 * 11/2010 Williams G02C 3/003
351/157
2011/0170702 A1 * 7/2011 Bays H04R 5/0335
381/74
2012/0170702 A1 * 7/2012 Song F22B 35/004
376/210
2013/0329903 A1 * 12/2013 Ting H04R 1/105
381/74
2014/0185837 A1 * 7/2014 Kunimoto H04R 1/1075
381/151

* cited by examiner

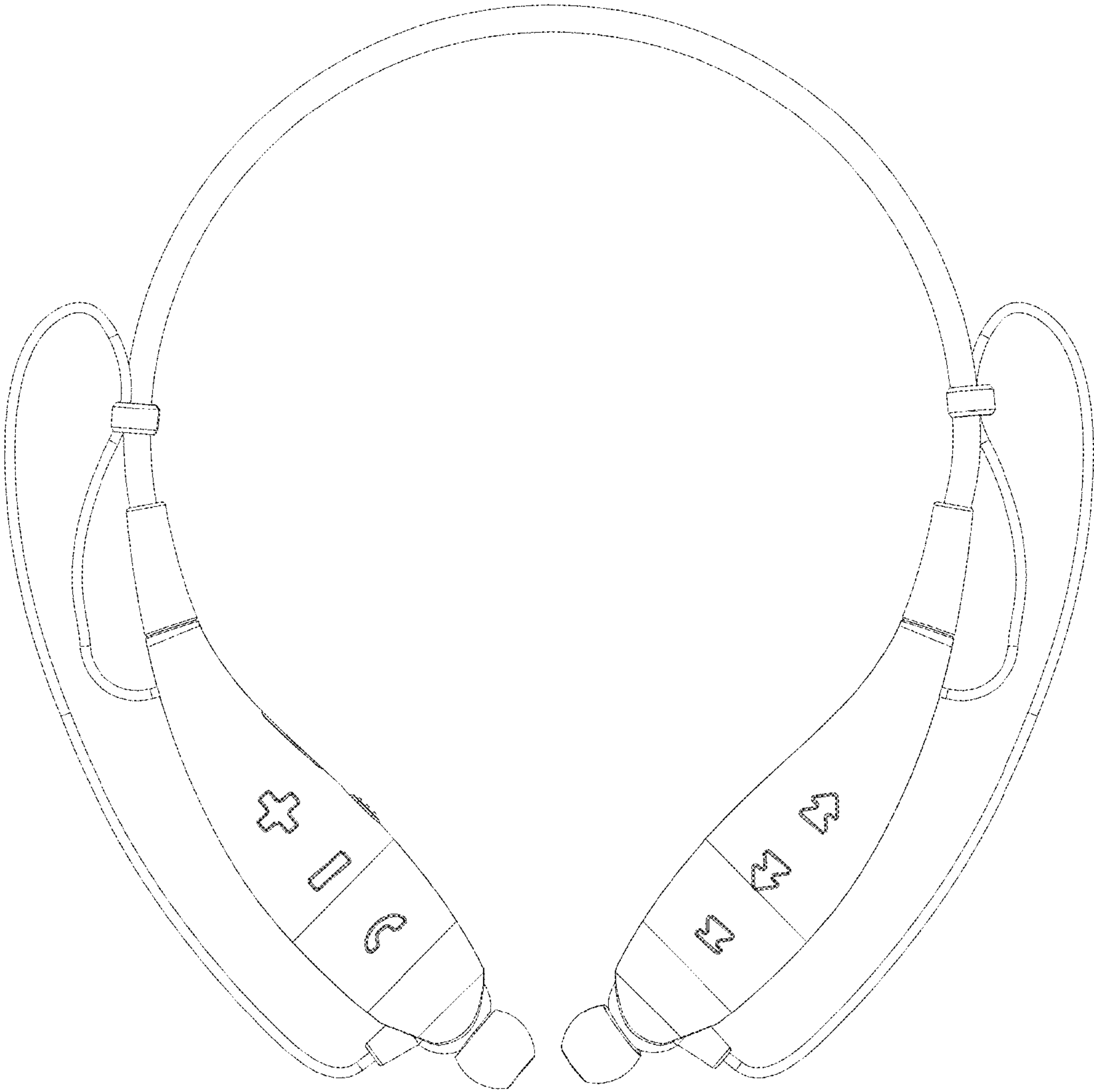


FIG. 1



FIG. 2

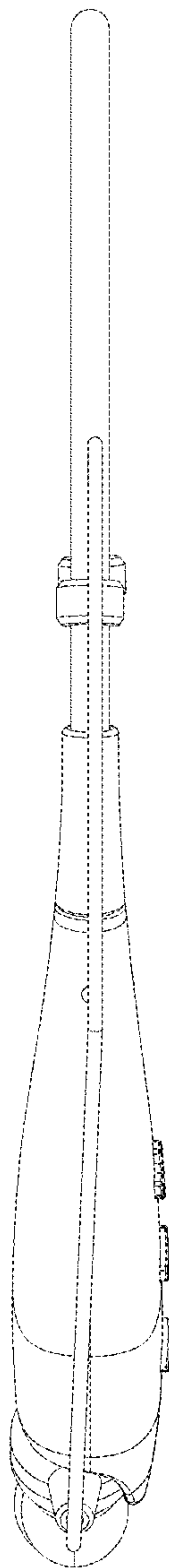


FIG. 3

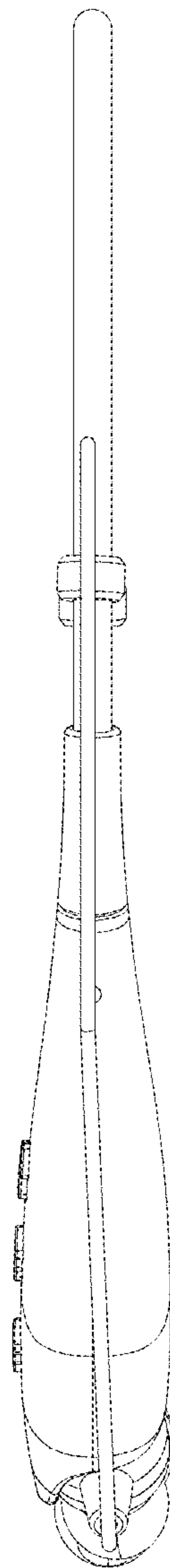


FIG. 4

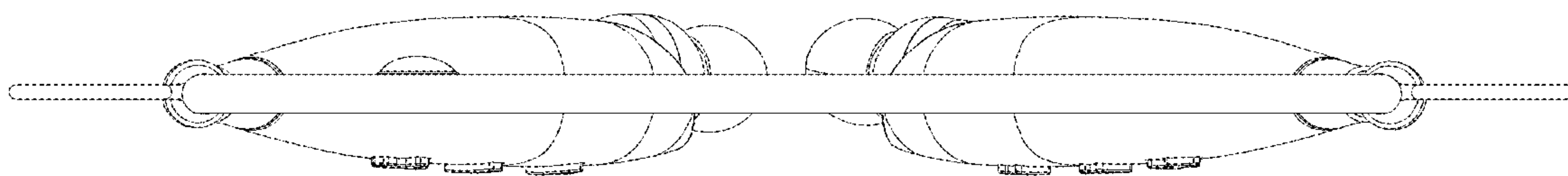


FIG. 5

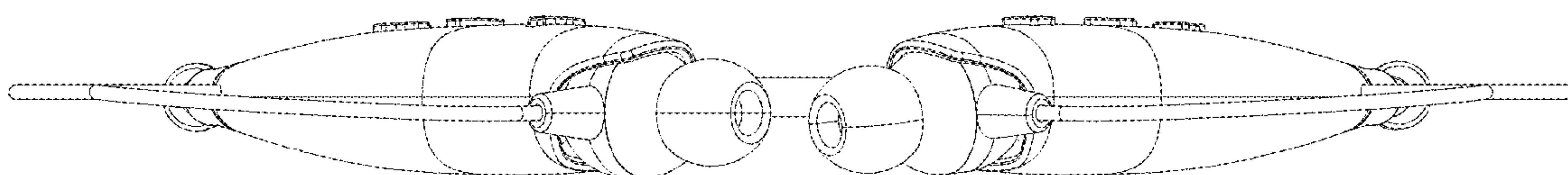


FIG. 6

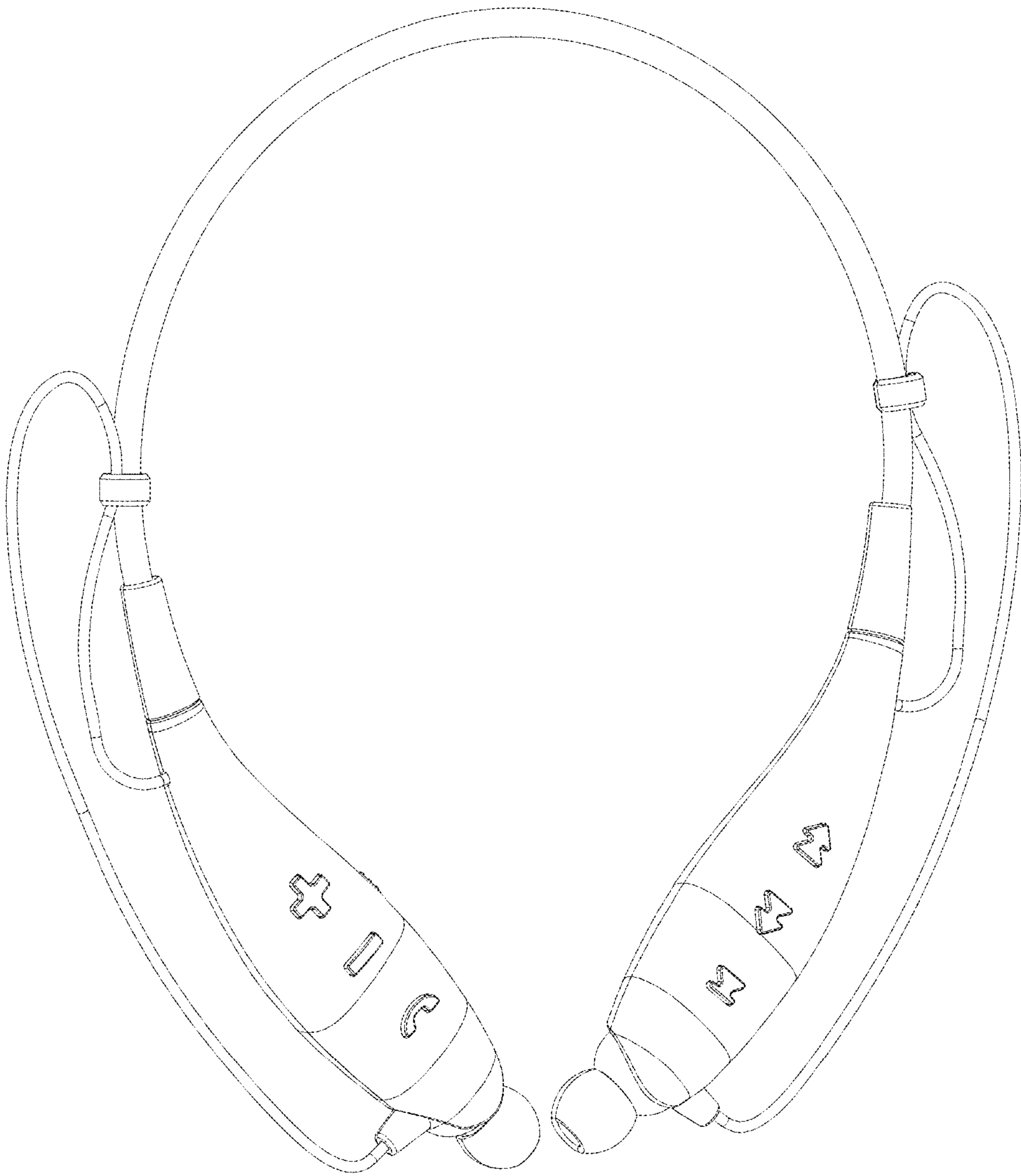


FIG. 7

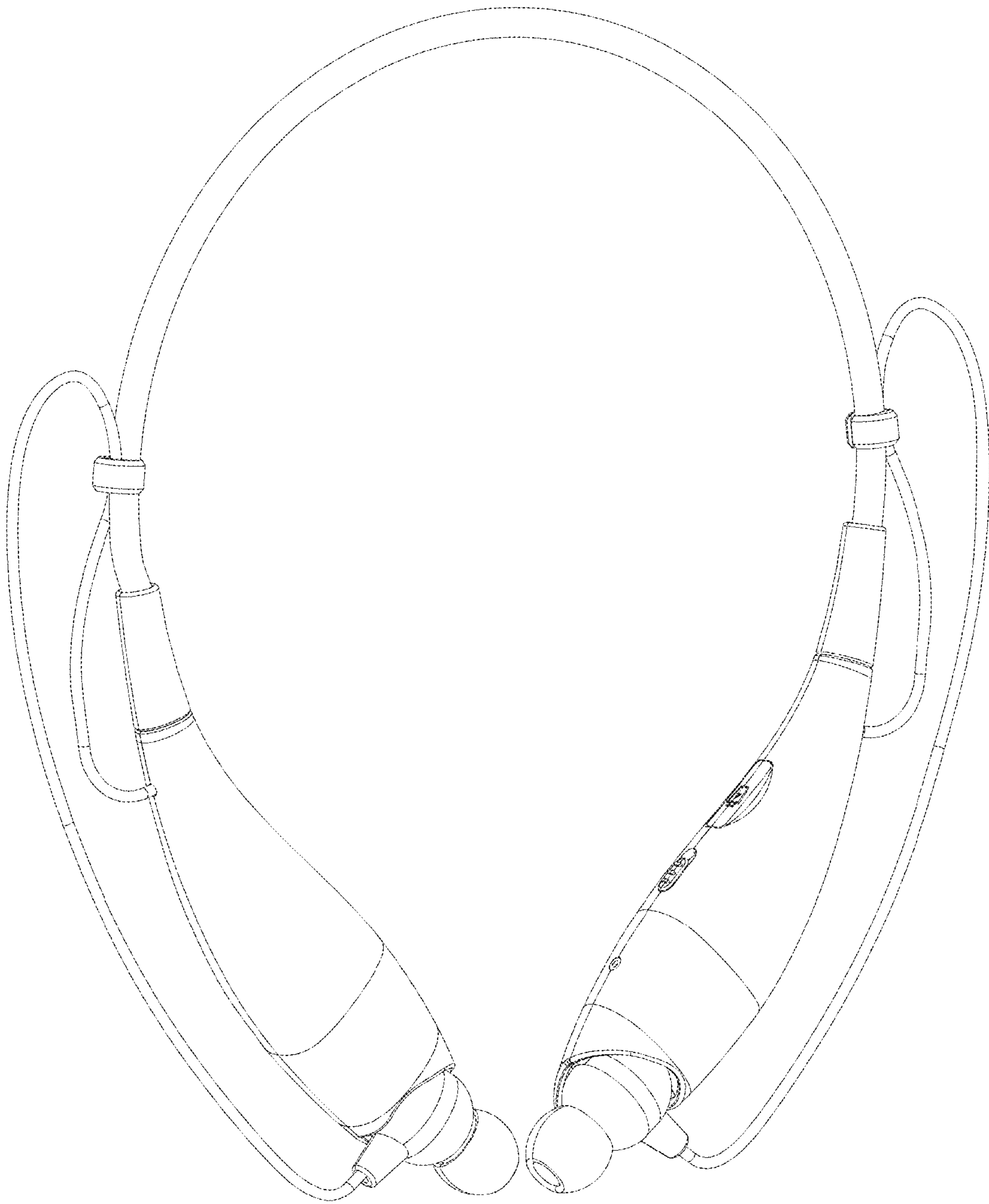


FIG. 8

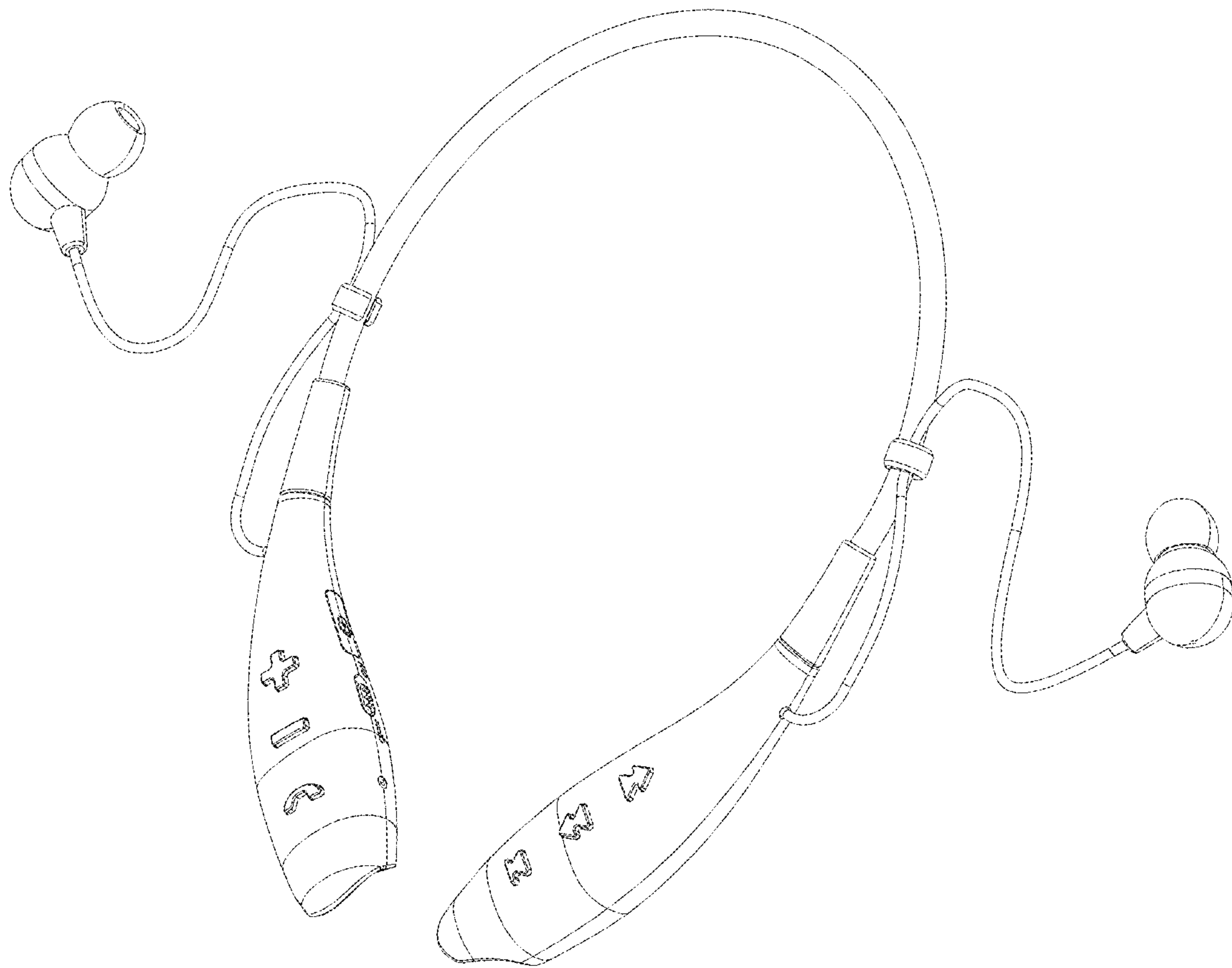


FIG. 9