



US00D835064S

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

(10) **Patent No.:** **US D835,064 S**
(45) **Date of Patent:** **** Dec. 4, 2018**

(54) **HEADPHONE**

(71) Applicant: **Sony Corporation**, Tokyo (JP)

(72) Inventors: **So Morimoto**, Surrey (GB); **Pietro Russomanno**, Surrey (GB); **Sergei Streltsov**, Surrey (GB)

(73) Assignee: **SONY CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/551,763**

(22) Filed: **Jan. 15, 2016**

(51) **LOC (11) Cl.** **14-01**

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

(58) **Field of Classification Search**
USPC D14/205, 223, 341, 342, 345; 181/129, 181/130, 135; 379/430, 431; 381/380, 381/381, 309, 184, 373, 398, 423, 189; 455/90.3, 575.1, 569.1
CPC H04R 1/10; H04R 1/1016; H04R 1/1066; H04R 5/033; H04R 5/0335; H04R 1/1033; H04R 1/105; H04R 25/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

125,339 A * 4/1872 Sedgwick A61F 11/06
2/209

1,489,978 A * 4/1924 Byron H04R 1/1008
128/866

1,498,727 A * 6/1924 Haskel H04R 1/1008
181/129

1,631,350 A * 6/1927 Walter H04R 1/225
381/373

1,685,979 A * 10/1928 Brace H04R 9/025
181/171

1,692,737 A * 11/1928 Hemming H04R 7/22
381/189

1,747,778 A * 2/1930 Kuchenmeister H04R 1/10
381/370

2,022,060 A * 11/1935 Swickard H04R 1/225
181/129

2,041,163 A * 5/1936 Burke H04R 7/22
181/164

2,481,387 A * 9/1949 Bonecutter H04M 1/05
379/446

2,856,469 A * 10/1958 Morse H04M 1/03
181/129

3,132,713 A * 5/1964 Seeler H04R 7/127
381/423

3,134,456 A * 5/1964 Wadsworth H04R 1/1008
181/129

3,220,505 A * 11/1965 Hargrave H04M 1/05
181/129

3,470,564 A * 10/1969 Aileo A42B 3/166
2/209

3,751,608 A * 8/1973 Weingartner H04R 1/1041
381/372

(Continued)

Primary Examiner — Paula Allen Greene
(74) *Attorney, Agent, or Firm* — Michael Best and Friedrich LLP

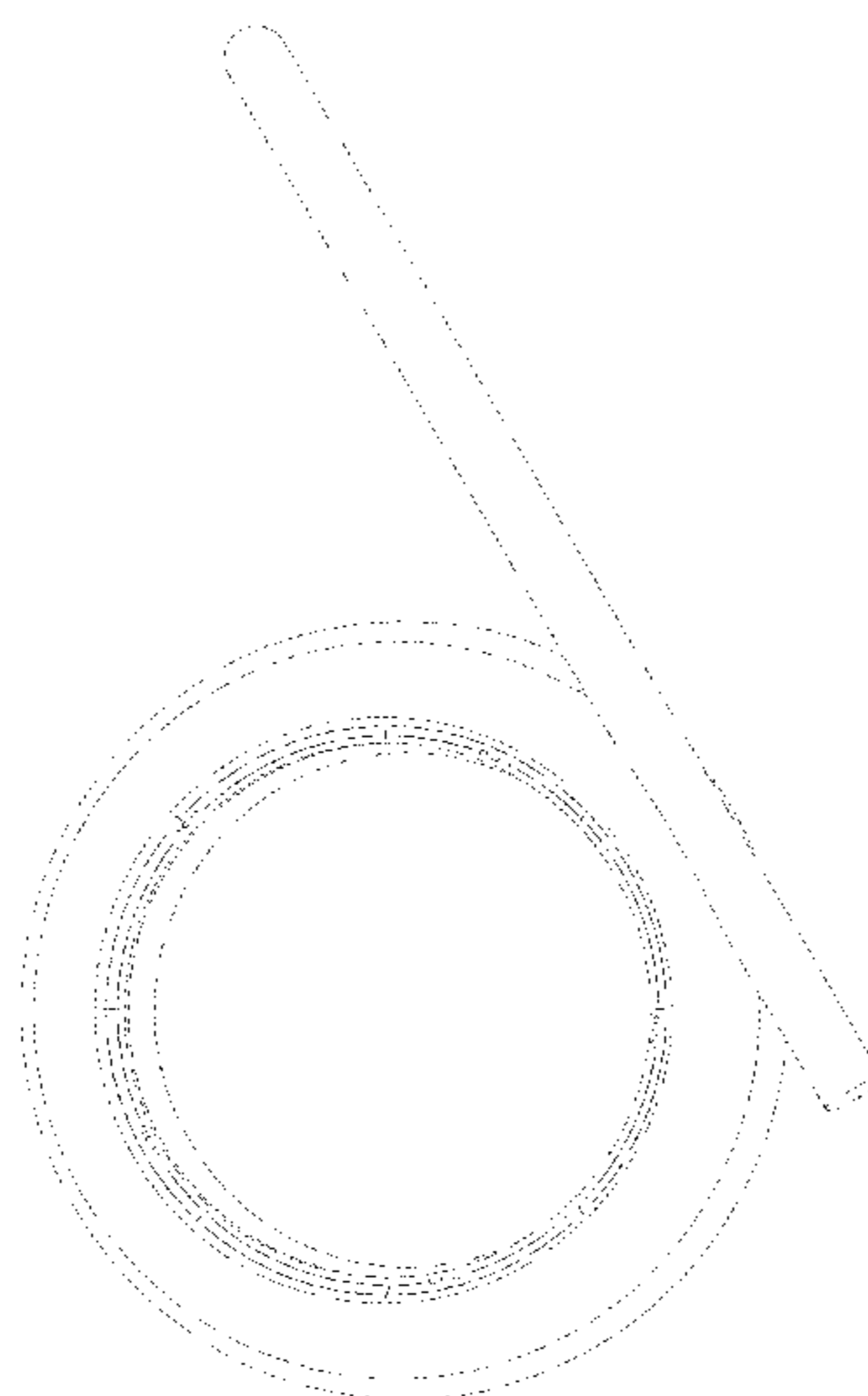
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a headphone showing our new design;
FIG. 2 is an enlarged perspective view along the lines 2-2 and 2'-2' of FIG. 1; and
FIG. 3 is a left side elevational view thereof; and,
FIG. 4 is a rear elevational view thereof.
The broken lines are directed to environment and are for illustrative purpose only; the broken lines form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,787,899 A * 1/1974 Krawagna H04R 1/1066
2/209
4,048,453 A * 9/1977 Seidel H04M 1/05
379/430
D263,043 S * 2/1982 Petrie D14/205
4,499,593 A * 2/1985 Antle H04R 1/1033
381/309
4,588,868 A * 5/1986 Bertagna H04R 1/1008
181/129
D284,084 S * 6/1986 Ferrara, Jr. D14/389
4,597,469 A * 7/1986 Nagashima H04R 5/0335
181/129
D291,198 S * 8/1987 Bellini D14/205
D300,133 S * 3/1989 Daidoh D14/205
4,991,688 A * 2/1991 Kery H04R 1/026
181/145
4,993,074 A * 2/1991 Carroll H04R 5/033
181/129
D347,845 S * 6/1994 Sumikawa D14/205
D351,171 S * 10/1994 Tanaka D14/205
5,420,381 A * 5/1995 Gardner, Jr. A61F 11/14
181/129
D399,206 S * 10/1998 Yasutomi D14/205
D419,564 S * 1/2000 McDonald D14/223
6,073,973 A * 6/2000 Boscaljon F16L 19/005
285/354
D453,015 S * 1/2002 Yuyama D14/192
6,411,503 B1 * 6/2002 Kambayashi 361/679.41
6,418,230 B1 * 7/2002 McDonald H04R 1/10
379/426
6,474,009 B2 * 11/2002 Hahn G09F 1/10
24/460
6,483,925 B1 * 11/2002 Shen H04R 1/105
381/370
D471,537 S * 3/2003 Ham D14/223
D477,820 S * 7/2003 Suzuki D14/205
6,772,853 B2 * 8/2004 Yang H04R 1/1066
181/129
D508,908 S * 8/2005 Chueh D14/205
D509,834 S 9/2005 Kataoka
D510,085 S 9/2005 Suzuki
D510,575 S * 10/2005 Leong D14/205
D512,416 S * 12/2005 Medina Malaver
A61N 1/3787
D14/205
D515,441 S 2/2006 Shindo
D525,614 S * 7/2006 Lee D14/205
D529,910 S * 10/2006 Ota D14/374
D531,984 S * 11/2006 Koss D14/205
D544,464 S * 6/2007 Lee D14/205
D557,684 S * 12/2007 Pundsack D14/205
D567,185 S * 4/2008 Mayo D13/158
D568,290 S * 5/2008 Wikel D14/205
D570,824 S * 6/2008 Schultz D14/205
D573,137 S * 7/2008 Polito D14/223
D573,983 S * 7/2008 Bang D14/223
D588,126 S * 3/2009 Chiang D14/345
D596,165 S * 7/2009 Henning D14/223

7,580,539 B2 * 8/2009 Tachikawa H04R 1/1066
381/374
D603,847 S * 11/2009 Chung D14/223
D605,172 S * 12/2009 Seade D14/205
D617,778 S * 6/2010 Birger D14/223
D629,397 S * 12/2010 Hensen H04R 5/033
D14/223
D633,899 S 3/2011 Zheng et al.
D635,960 S * 4/2011 Gondo D14/223
D639,787 S * 6/2011 Quek D14/223
D641,750 S * 7/2011 Hu D14/341
D644,144 S * 8/2011 Logan D11/164
8,009,422 B2 * 8/2011 Misawa G02F 1/133305
345/156
D656,137 S * 3/2012 Chung D14/341
D663,717 S * 7/2012 Hutchieson D14/206
D667,404 S * 9/2012 Akana D14/389
8,295,039 B2 * 10/2012 Cheng G06F 1/1616
361/679.26
D681,054 S * 4/2013 Koh D14/496
D690,692 S * 10/2013 Shin D14/341
D695,275 S * 12/2013 Chee D14/223
8,655,005 B2 * 2/2014 Birger H04M 1/05
379/430
D707,211 S * 6/2014 Ho D14/240
D710,333 S * 8/2014 Davies H04R 1/10
D14/223
D712,382 S * 9/2014 Brunner D14/223
8,879,768 B2 * 11/2014 Podoloff H04R 1/1016
381/370
D725,637 S * 3/2015 Nakajima D14/223
D735,709 S * 8/2015 Daniel D14/341
D756,959 S * 5/2016 Lee D14/205
D759,626 S * 6/2016 Wagner D14/205
D763,821 S * 8/2016 Leopardi D14/205
D767,530 S * 9/2016 Bae D14/203.3
D769,218 S * 10/2016 Mittal D14/205
D769,840 S * 10/2016 Henning D14/205
D770,448 S * 11/2016 Endo D14/341
D775,610 S * 1/2017 Nakajima D14/223
D776,108 S * 1/2017 Hsu D14/341
D776,654 S * 1/2017 Yokota D14/341
2007/0241002 A1 * 10/2007 Wu G06F 1/1601
206/150
2008/0151480 A1 * 6/2008 Chung G06F 1/1615
361/679.06
2008/0204367 A1 * 8/2008 Lafarre G06F 1/1615
345/55
2008/0212271 A1 * 9/2008 Misawa G02F 1/133305
361/679.01
2010/0056233 A1 * 3/2010 Thiel H04B 1/385
455/575.2
2011/0031060 A1 * 2/2011 Epping H04R 1/2803
181/135
2011/0211723 A1 * 9/2011 Annunziato H04B 1/202
381/380
2011/0293120 A1 * 12/2011 Kolton H04R 31/003
381/184
2012/0106047 A1 * 5/2012 Chu G06F 1/166
361/679.01
2012/0257773 A1 * 10/2012 Liu H04R 1/1066
381/309

* cited by examiner

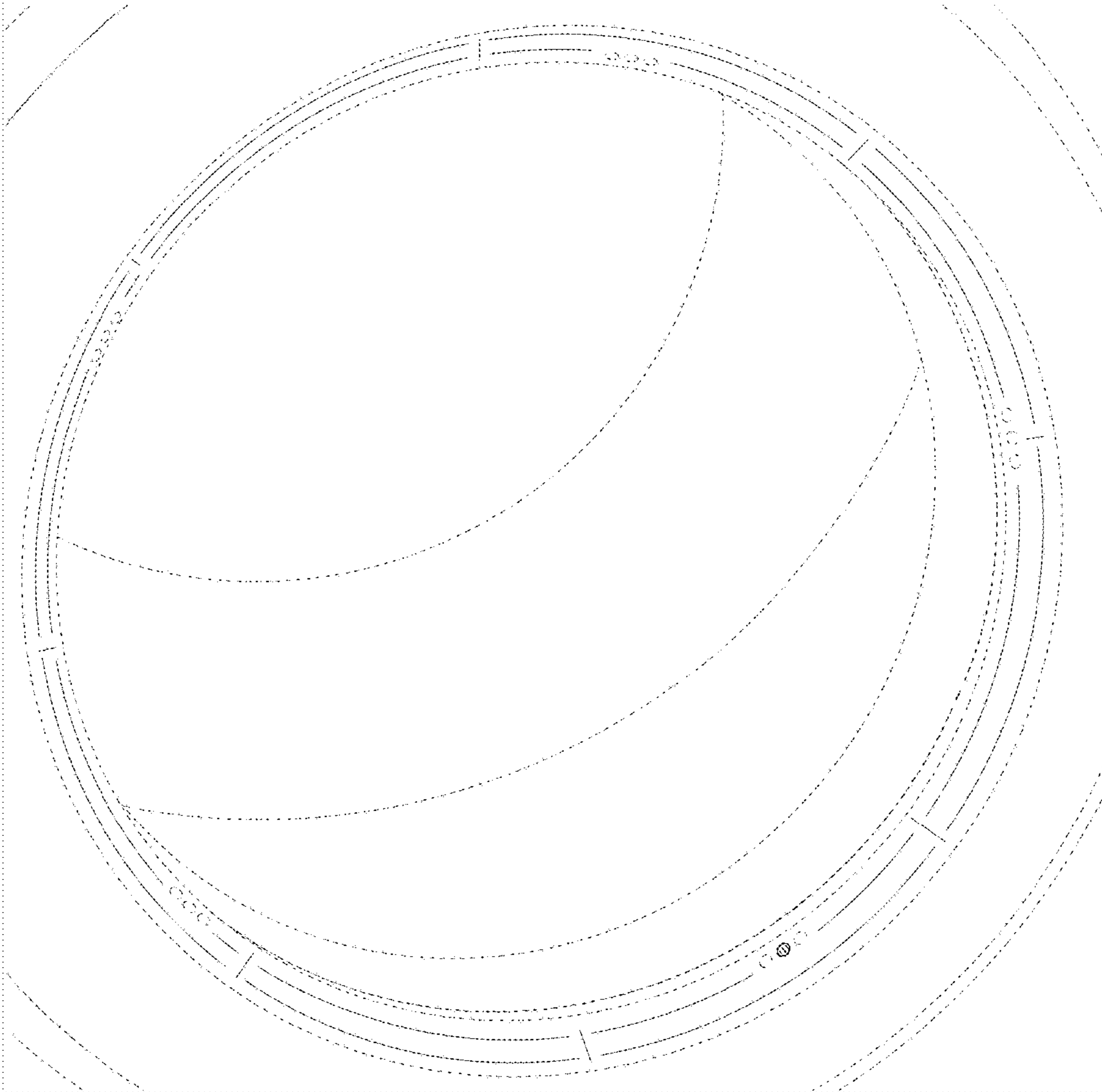
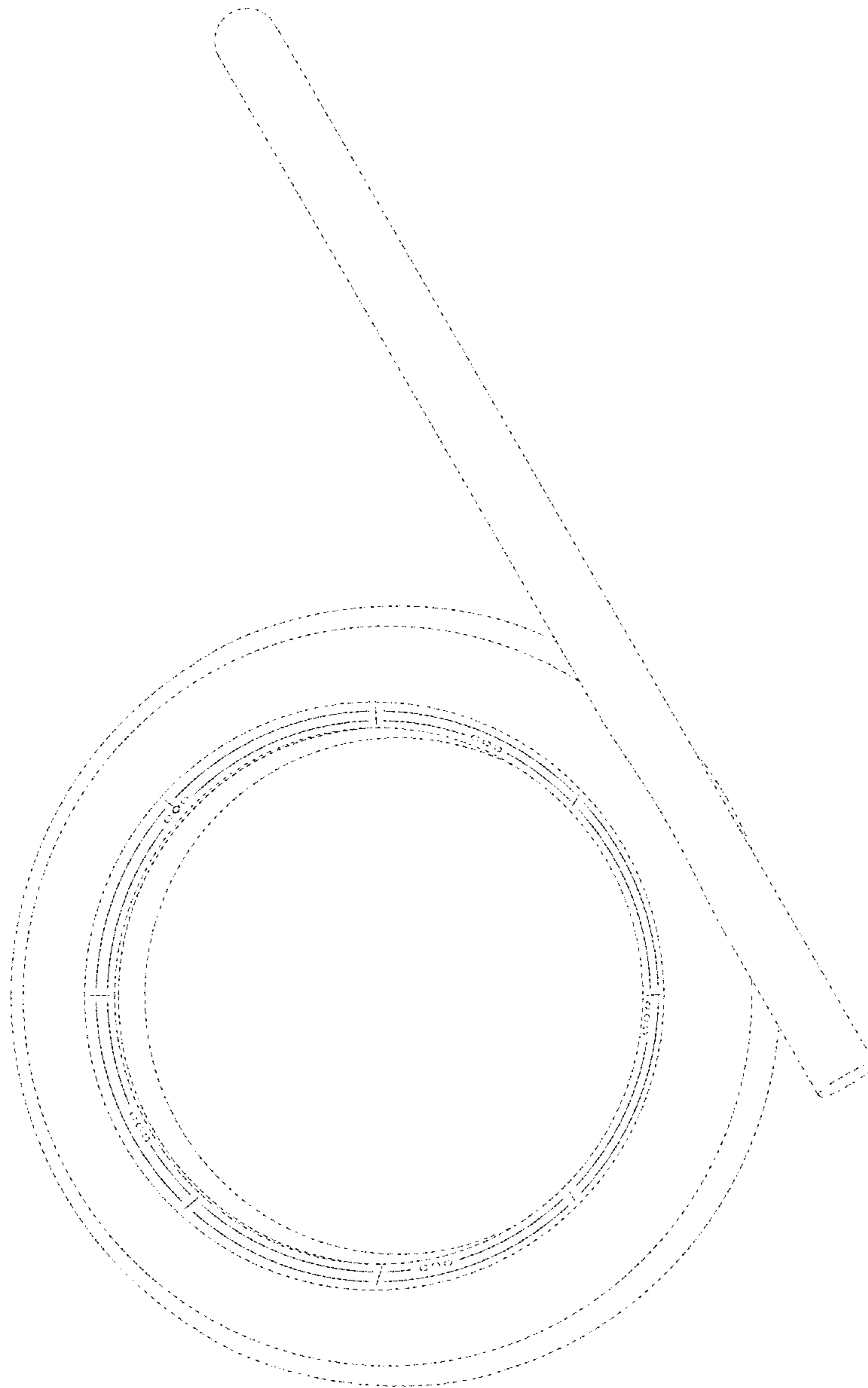


FIG.2

FIG. 3



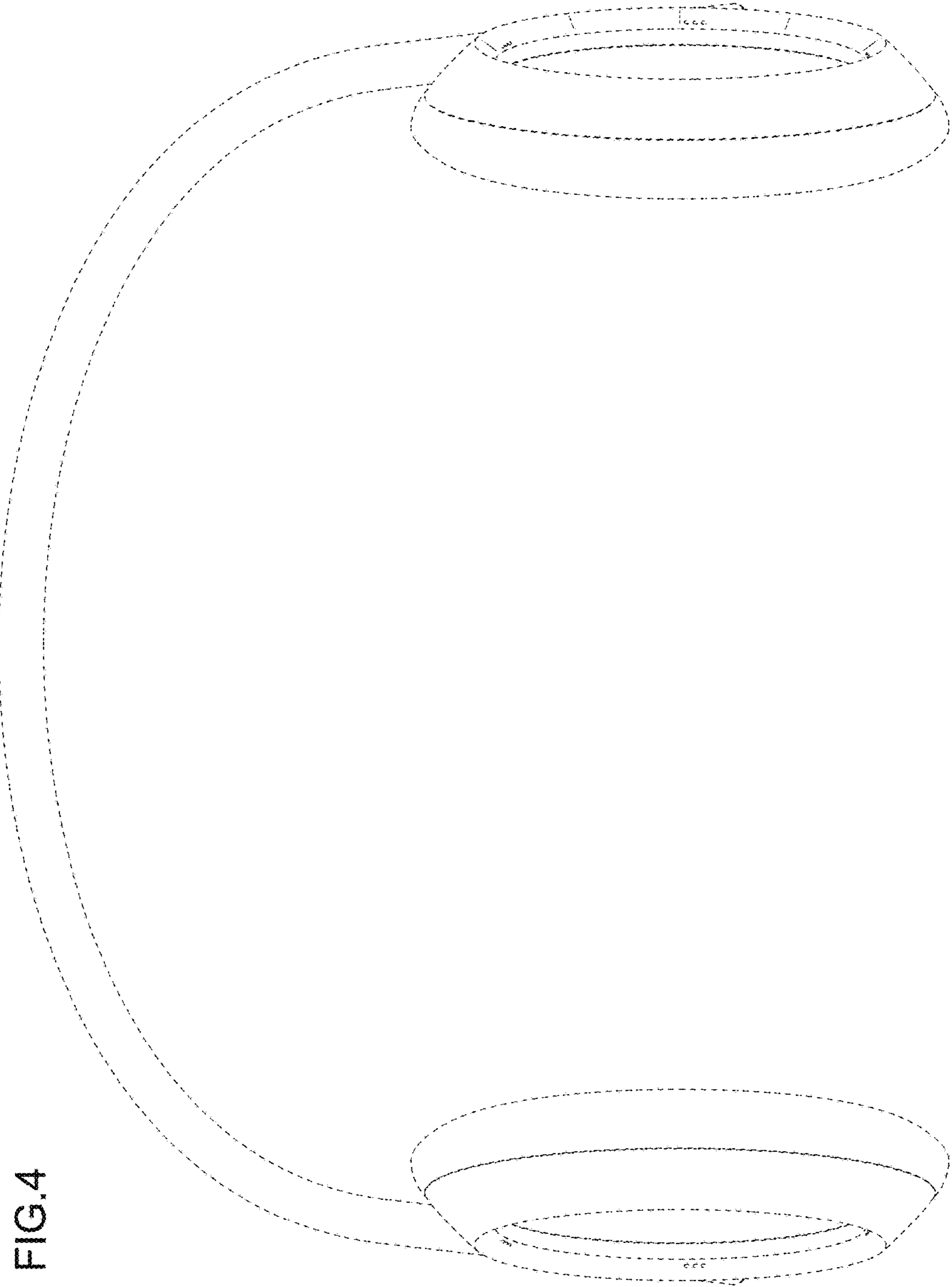


FIG.4