



US00D940109S

(12) **United States Design Patent**
Birger

(10) **Patent No.:** **US D940,109 S**

(45) **Date of Patent:** **** Jan. 4, 2022**

- (54) **EARPHONES AND CASE**
- (71) Applicant: **GN AUDIO A/S**, Ballerup (DK)
- (72) Inventor: **Johan Birger**, Ballerup (DK)
- (73) Assignee: **GN Audio A/S**, Ballerup (DK)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/726,442**
- (22) Filed: **Mar. 3, 2020**

| | | | |
|--------------|---------|---------------------|---------|
| D406,057 S * | 2/1999 | Hager | D9/420 |
| D449,165 S * | 10/2001 | van der Hulst | D3/294 |
| D469,607 S * | 2/2003 | Wolff | D3/294 |
| D553,077 S * | 10/2007 | Kim | D13/108 |
| D586,557 S * | 2/2009 | Jalet | D3/294 |
| 7,784,583 B1 | 8/2010 | Hall | |
| D641,164 S * | 7/2011 | Cornu | D3/294 |
| 8,189,846 B2 | 5/2012 | Tiscareno | |

(Continued)

FOREIGN PATENT DOCUMENTS

| | | | |
|----|----------------|---|--------|
| EM | 007971882-0001 | * | 5/2020 |
| EM | 008049761-0001 | * | 7/2020 |

(Continued)

OTHER PUBLICATIONS

Extended European Search Report for European patent application No. 18211033.8 dated May 23, 2019.

Primary Examiner — Paula Allen Greene
(74) *Attorney, Agent, or Firm* — Hamre, Schumann, Mueller & Larson, P.C.

(30) **Foreign Application Priority Data**

Sep. 4, 2019 (EM) 006813689-0001

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

(52) **U.S. Cl.** **D14/223**

USPC **D14/223**

(58) **Field of Classification Search**

USPC D14/223, 205; D3/201, 218, 294, 295,
D3/274; D13/108; D9/455, 426, 418,
D9/721, 420, 456, 425, 423; D28/83;
381/380, 381, 322, 328; 455/90.3

CPC H04R 1/10; H04R 1/1066; H04R 1/1016;
H04R 5/033; H04R 5/0335; H04R 25/00;
H04R 1/1025; B65D 85/00; H02J 7/0044;
H02J 7/0045

See application file for complete search history.

(57) **CLAIM**

The ornamental design for earphones and case, as shown and described.

DESCRIPTION

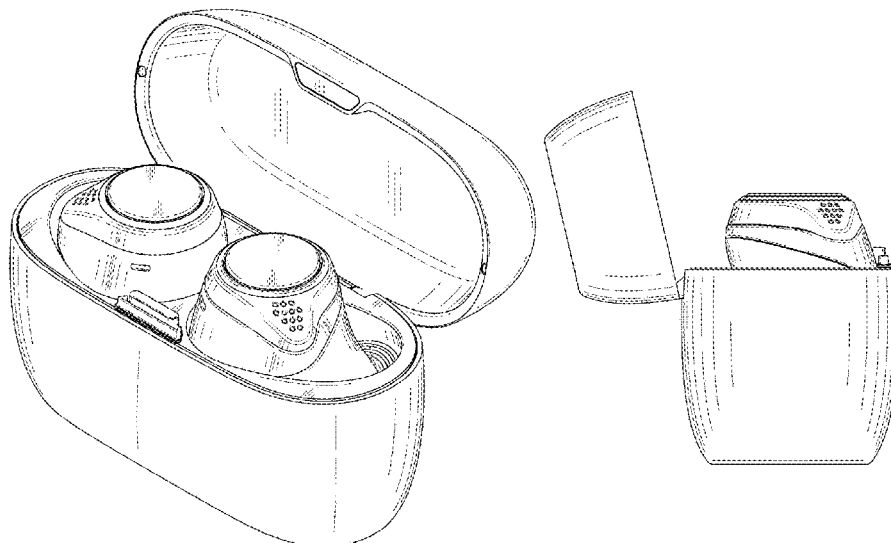
FIG. 1 is a perspective view of the Top Front Right Isometric view of the earphones and case showing the new design; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a left view thereof; FIG. 5 is a right view thereof; and, FIG. 6 is a top view thereof. The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|---------------|---------|------------------|-------------------------|
| D182,255 S * | 3/1958 | Smith | D9/420 |
| 3,902,628 A * | 9/1975 | Schurman | B65D 43/164 220/835 |
| D289,262 S * | 4/1987 | Goetz | D9/420 |
| D291,608 S * | 8/1987 | Chevassus | D28/83 |
| 5,353,946 A * | 10/1994 | Behrend | B65D 43/169 220/326 |
| 5,782,371 A * | 7/1998 | Baerenwald | B65D 43/168 220/4.22 |



(56)

References Cited

U.S. PATENT DOCUMENTS

D673,430 S * 1/2013 Glassman D7/637
 8,910,781 B2 * 12/2014 Pipes A24F 23/00
 206/242
 9,237,394 B2 1/2016 Seo et al.
 9,445,631 B1 * 9/2016 Patel B65D 53/02
 D772,572 S * 11/2016 Palmborg D3/294
 D806,648 S * 1/2018 Beedham D13/107
 D810,431 S * 2/2018 Kim D3/266
 D818,268 S * 5/2018 Akana D3/294
 D839,583 S * 2/2019 Cao D3/201
 D841,580 S * 2/2019 Bao D13/108
 D841,581 S * 2/2019 Bonahoom D13/108
 D846,264 S * 4/2019 Wu D3/201
 D849,401 S * 5/2019 Akana D3/274
 D853,116 S * 7/2019 Bergman D3/294
 D864,110 S * 10/2019 Yoshimura D13/108
 D870,451 S * 12/2019 Birger D3/201
 D878,045 S * 3/2020 Akana D3/274
 D881,572 S * 4/2020 Wang D3/294
 D882,259 S * 4/2020 Liu D3/269
 D886,455 S * 6/2020 Williamson D3/294
 D887,351 S * 6/2020 Bonahoom D13/108
 D888,408 S * 6/2020 Lee D3/201
 10,701,472 B1 * 6/2020 Xu H02J 7/0044
 D893,184 S * 8/2020 Liu D3/294
 D893,185 S * 8/2020 Liu D3/294
 D894,123 S * 8/2020 Xiong D13/108
 D897,678 S * 10/2020 Koh D3/294
 D897,997 S * 10/2020 Zhang D14/223
 D898,664 S * 10/2020 Bhutani D13/108
 D902,588 S * 11/2020 Zhang D3/294
 D904,025 S * 12/2020 Ma D3/295
 D904,755 S * 12/2020 Birger D3/201

D910,603 S * 2/2021 Li D14/223
 D911,027 S * 2/2021 Liang D3/274
 D913,223 S * 3/2021 Li D13/108
 D918,138 S * 5/2021 Ma D13/108
 D918,181 S * 5/2021 Bailey D14/223
 D920,235 S * 5/2021 Liu D13/108
 D920,236 S * 5/2021 Xie D13/108
 D921,582 S * 6/2021 Liu D13/108
 D922,315 S * 6/2021 Zhang D13/108
 D922,946 S * 6/2021 Chen D13/108
 D922,985 S * 6/2021 Kataoka D14/223
 2002/0096517 A1 * 7/2002 Gelardi B65D 43/22
 220/4.23
 2008/0090622 A1 * 4/2008 Kim H04M 1/05
 455/573
 2010/0246878 A1 9/2010 Sim et al.
 2012/0321103 A1 12/2012 Smailagic et al.
 2013/0148830 A1 6/2013 Sakaguchi et al.
 2014/0348372 A1 11/2014 Seo et al.
 2017/0064429 A1 * 3/2017 Hirsch H04W 52/0209
 2018/0020281 A1 1/2018 Wurtz
 2018/0286375 A1 10/2018 Cattell et al.
 2018/0338193 A1 11/2018 Wallace et al.
 2019/0069066 A1 * 2/2019 Song H04R 1/1041
 2020/0304899 A1 * 9/2020 Cramer A45C 11/00
 2020/0321792 A1 * 10/2020 Rhee H04R 1/1025
 2021/0085047 A1 * 3/2021 Wright A45C 13/02

FOREIGN PATENT DOCUMENTS

EM 008428452-0001 * 2/2021
 EP 2736267 5/2014
 JP 2015109542 6/2015
 KR 300955725.0000 * 5/2018

* cited by examiner

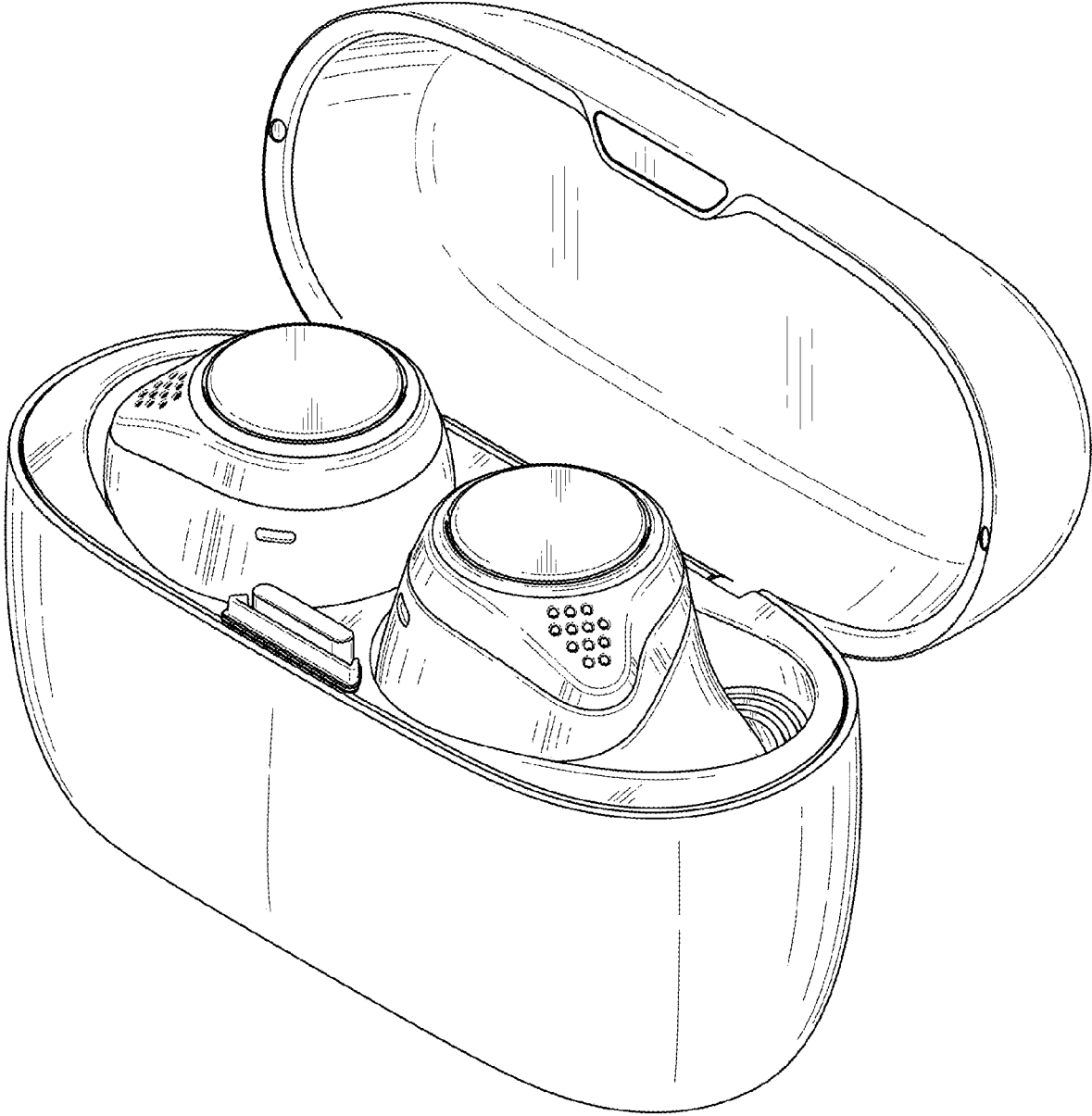


FIG. 1

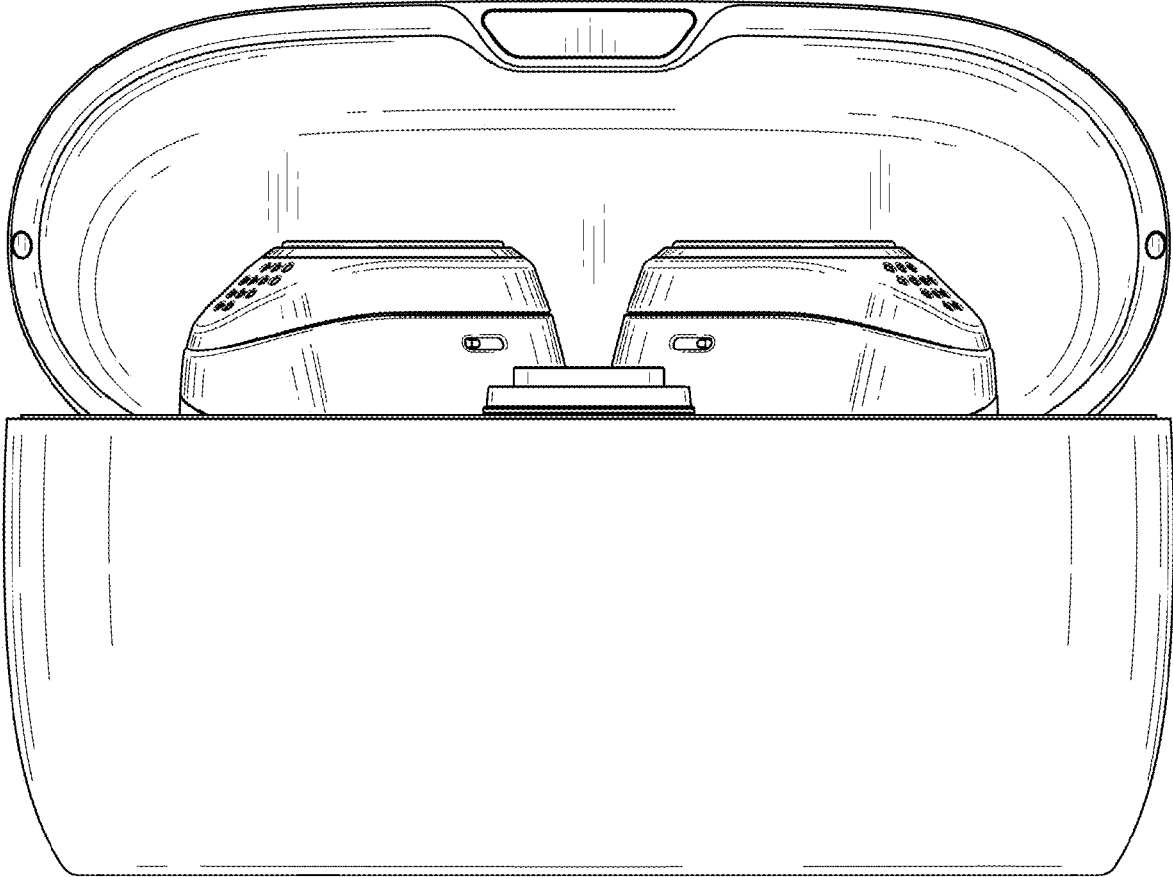


FIG. 2

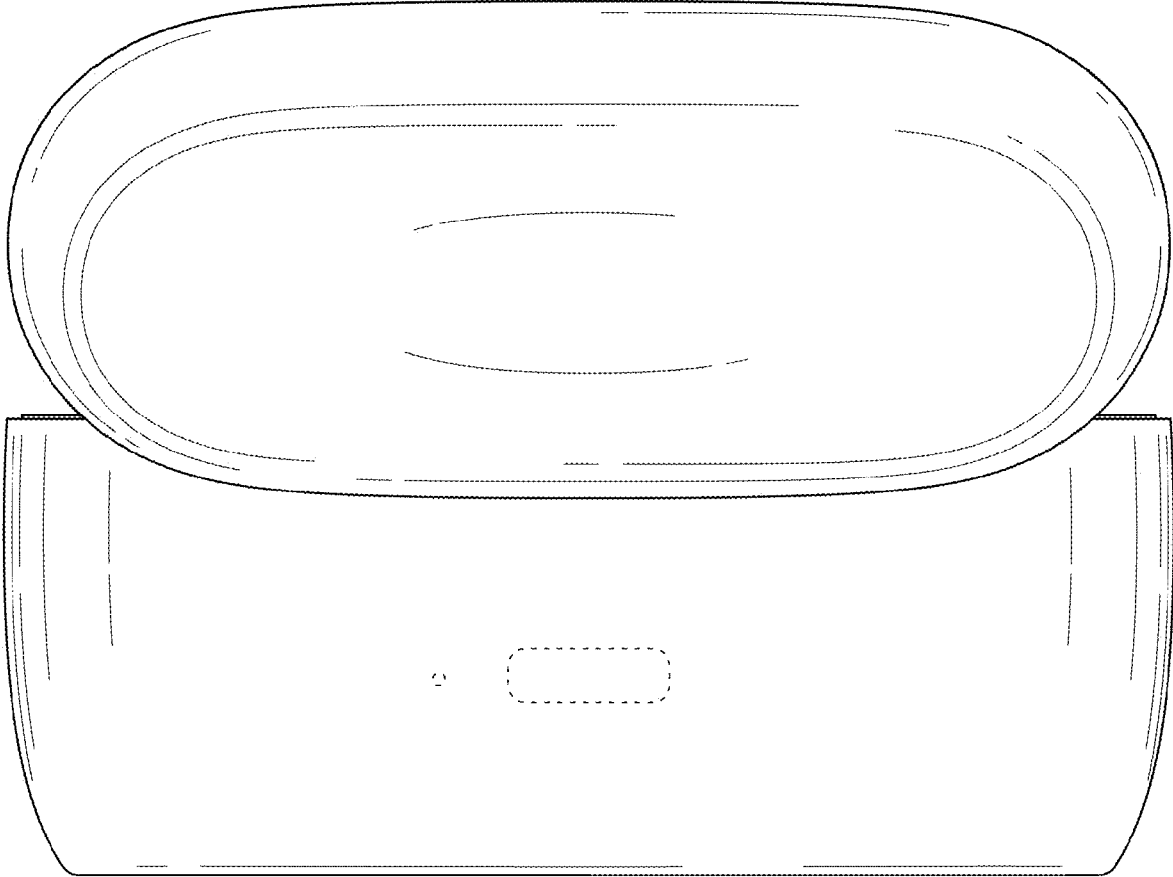


FIG. 3

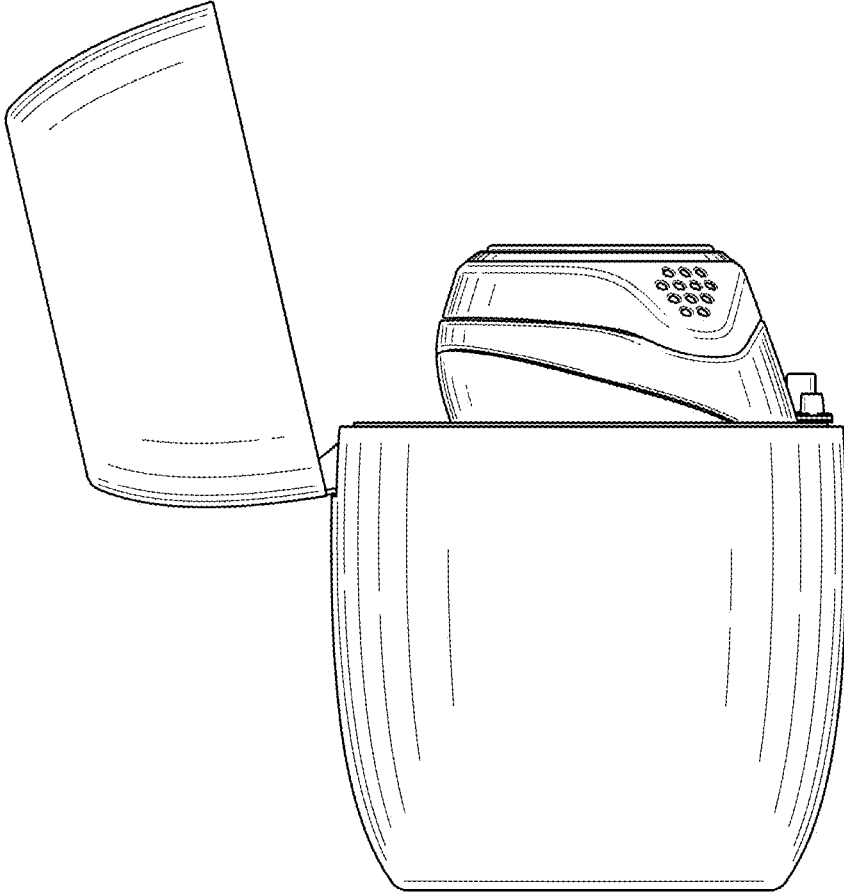


FIG. 4

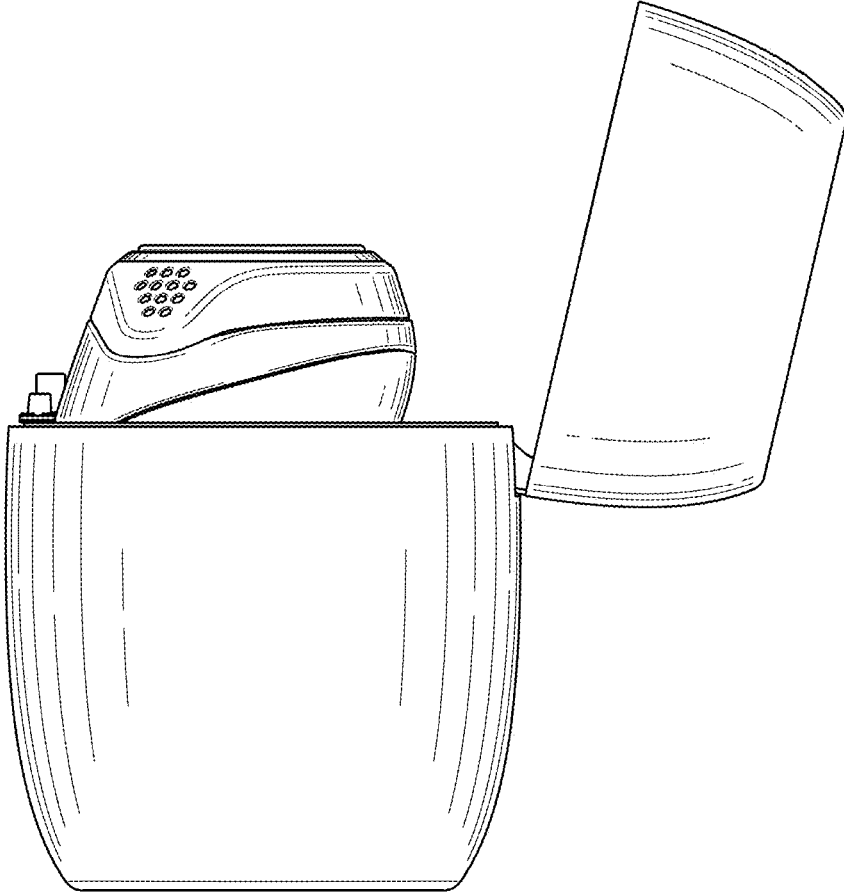


FIG. 5

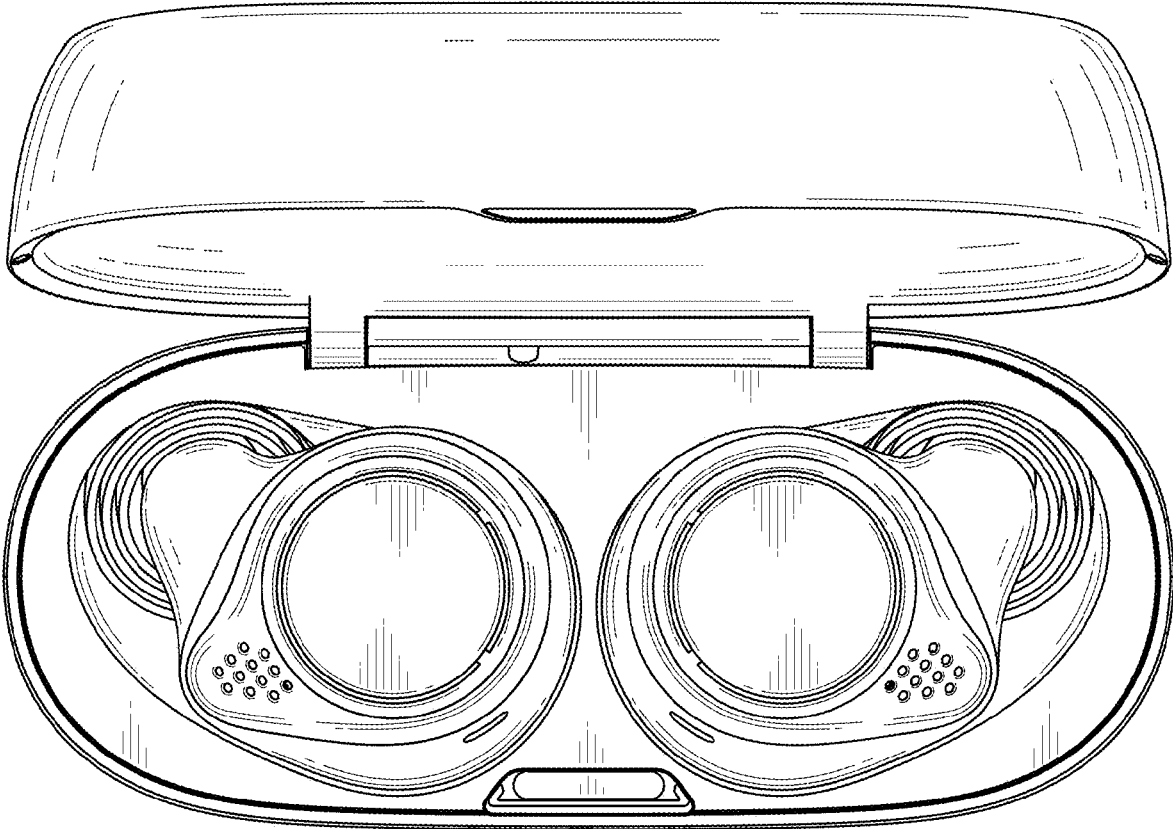


FIG. 6