



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

(10) **Patent No.:** **US D915,357 S**
(45) **Date of Patent:** **** Apr. 6, 2021**

- (54) **EARPHONE**
- (71) Applicant: **Feng Gao**, Hunan (CN)
- (72) Inventor: **Feng Gao**, Hunan (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/735,134**
- (22) Filed: **May 19, 2020**

D526,613 S *	8/2006	Zeiler	D13/107
D537,812 S *	3/2007	Erich	D14/206
D538,792 S *	3/2007	Kim	D14/223
D542,267 S *	5/2007	Cha	D14/206
D545,813 S *	7/2007	Ma	D14/223
D552,596 S *	10/2007	Christopher	D14/205
D555,151 S *	11/2007	Eklund	D14/223
D555,152 S *	11/2007	Wang	D14/223
D561,743 S *	2/2008	Huang	D14/223
D562,310 S *	2/2008	Moon	D14/223
D566,108 S *	4/2008	Kan	D14/223
D579,006 S *	10/2008	Kim	D14/223

(Continued)

Related U.S. Application Data

- (62) Division of application No. 29/717,312, filed on Dec. 16, 2019, now Pat. No. Des. 888,023.

Foreign Application Priority Data

- Nov. 1, 2019 (CN) 201930599367.3
- (51) **LOC (13) Cl.** **14-01**
- (52) **U.S. Cl.**
USPC **D14/223**
- (58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 128/864, 865,
128/866; 381/380, 381, 374; 455/90.3,
455/575.1, 569.1
CPC H04R 1/10; H04R 25/00; H04R 1/1016;
H04R 1/1066; H04R 5/033; H04R
5/0335; H04R 1/105
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

2,009,390 A *	7/1935	Bayardi	A44C 17/001 63/32
D389,139 S *	1/1998	Oross	D14/137
D471,889 S *	3/2003	Rath	D14/205
D494,570 S *	8/2004	Ma	D14/223
D514,549 S *	2/2006	Rath	D14/223
D525,947 S *	8/2006	Gerard	D13/168

FOREIGN PATENT DOCUMENTS

CN	305125193	*	4/2019
CN	305125194	*	4/2019
EM	004596161-0001	*	1/2018

Primary Examiner — Paula Allen Greene

(74) *Attorney, Agent, or Firm* — True Shepherd LLC;
Andrew C. Cheng

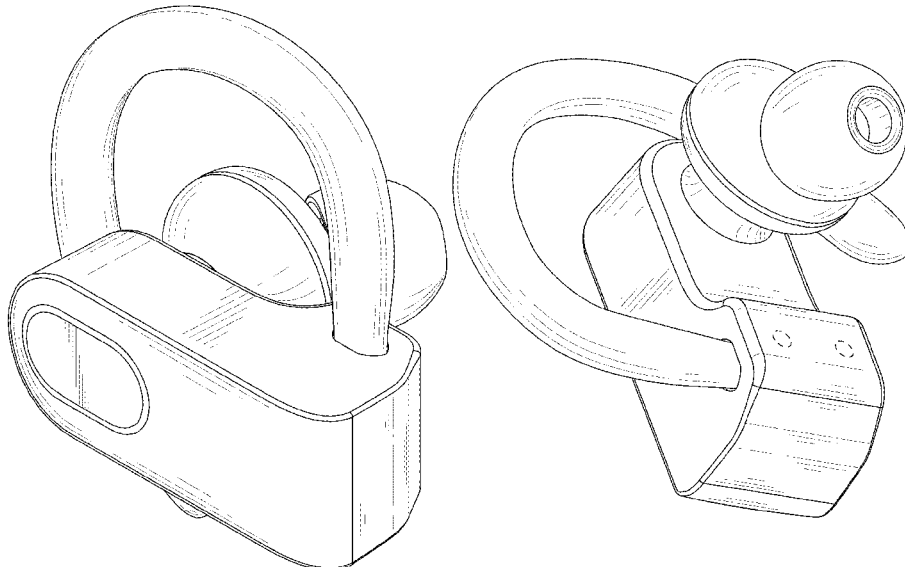
(57) **CLAIM**

The ornamental design for earphone, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an earphone showing my new design;
 FIG. 2 is another perspective view thereof;
 FIG. 3 is a front view thereof;
 FIG. 4 is a rear view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a left side view thereof;
 FIG. 7 is a top plan view thereof; and,
 FIG. 8 is a bottom plan view thereof.
 The claimed design is defined by the shaded surface adjacent the broken lines; the broken lines depict unclaimed environment and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D582,899 S *	12/2008	Wai	D14/205	D669,887 S *	10/2012	Maddern	D14/223
D583,804 S *	12/2008	Mahler	D14/223	8,285,208 B2 *	10/2012	Terlizzi	H04M 1/6058 455/41.2
D597,084 S *	7/2009	Gondo	D14/223	D690,288 S *	9/2013	Son	D14/223
D602,476 S	10/2009	Lee et al.		D712,382 S *	9/2014	Brunner	D14/223
D603,378 S *	11/2009	Paradise	D14/223	D740,260 S *	10/2015	Brunner	D14/223
D603,847 S *	11/2009	Chung	D14/223	D741,299 S *	10/2015	Brunner	D14/223
D605,294 S *	12/2009	Bergstrom	D24/174	D743,945 S *	11/2015	Brunner	D14/223
D606,050 S *	12/2009	Noustainen	D14/223	D743,946 S *	11/2015	Brunner	D14/223
7,681,577 B2 *	3/2010	Blanchard	A61F 11/08 128/864	D780,721 S *	3/2017	Brunner	D14/223
D626,946 S *	11/2010	Lee	D14/223	D844,588 S *	4/2019	Brunner	D14/223
D648,710 S *	11/2011	Ha	D14/223	D850,408 S	6/2019	Kawabata	
8,068,633 B2 *	11/2011	Lee	H04R 1/1033 381/384	D858,482 S *	9/2019	Ma	D14/205
D649,958 S *	12/2011	Park	D14/223	D868,749 S *	12/2019	Brunner	D14/223
D656,490 S *	3/2012	Birger	D14/223	D873,274 S	1/2020	Bolotin et al.	
D661,284 S *	6/2012	Brandis	D14/223	D888,023 S *	6/2020	Gao	D14/223
D662,088 S *	6/2012	Brandis	D14/223	D890,137 S *	7/2020	Ma	D14/223
8,265,328 B2 *	9/2012	Milde	H04R 1/1066 381/381	D907,608 S *	1/2021	Xie	D14/223
				2009/0116678 A1 *	5/2009	Bevirt	H04M 1/05 381/381
				2010/0166208 A1 *	7/2010	Kato	H04R 5/0335 381/74
				2017/0105679 A1 *	4/2017	Gil	A61B 5/02055

* cited by examiner

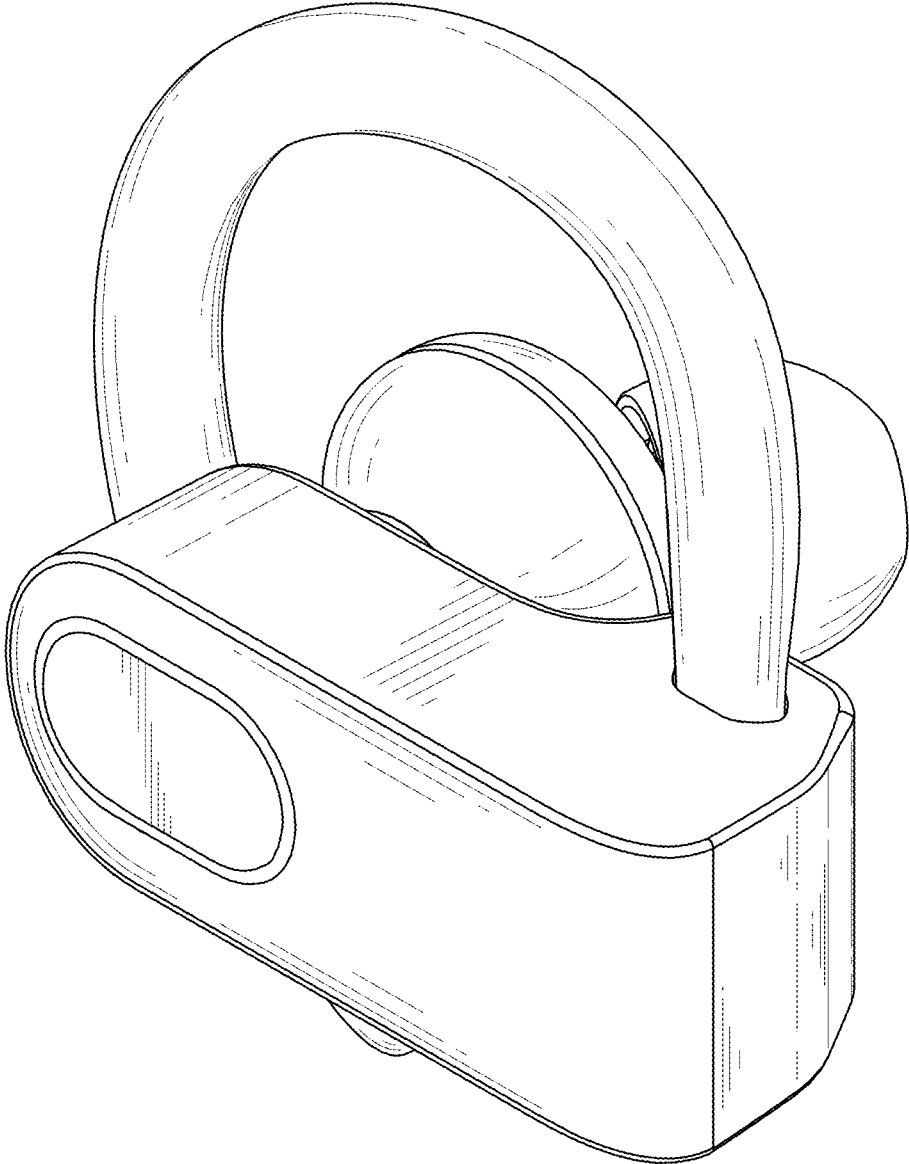


FIG. 1

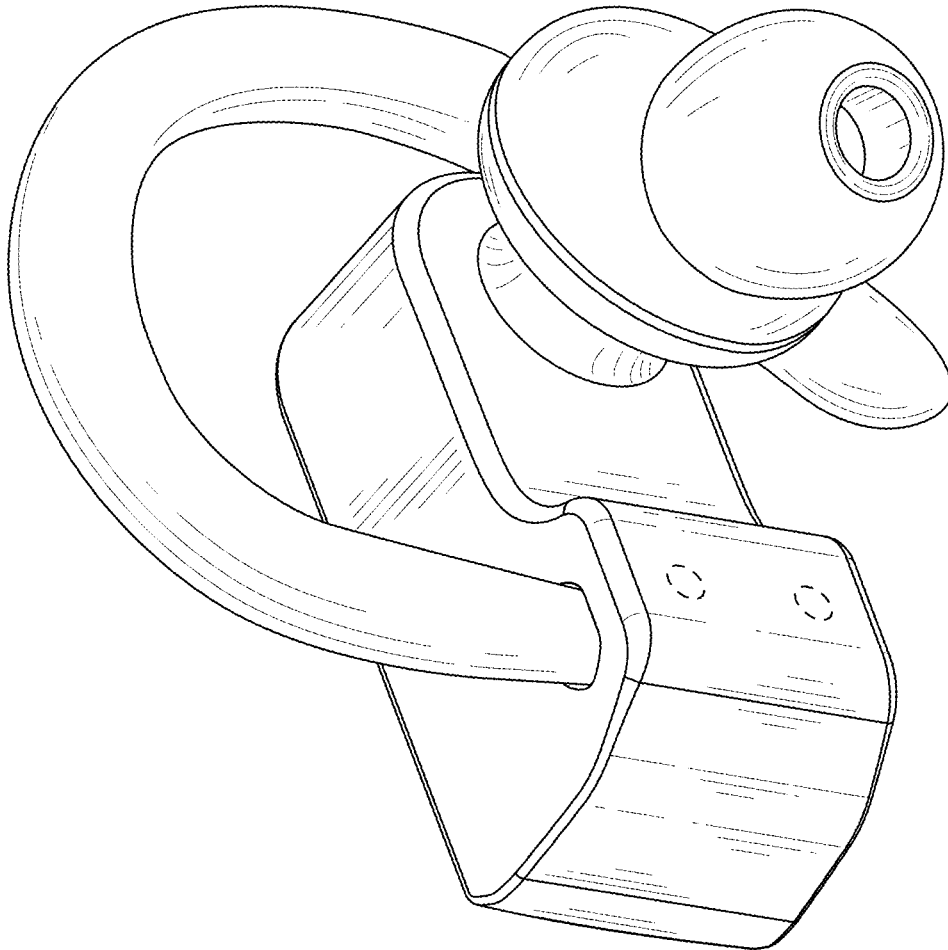


FIG. 2

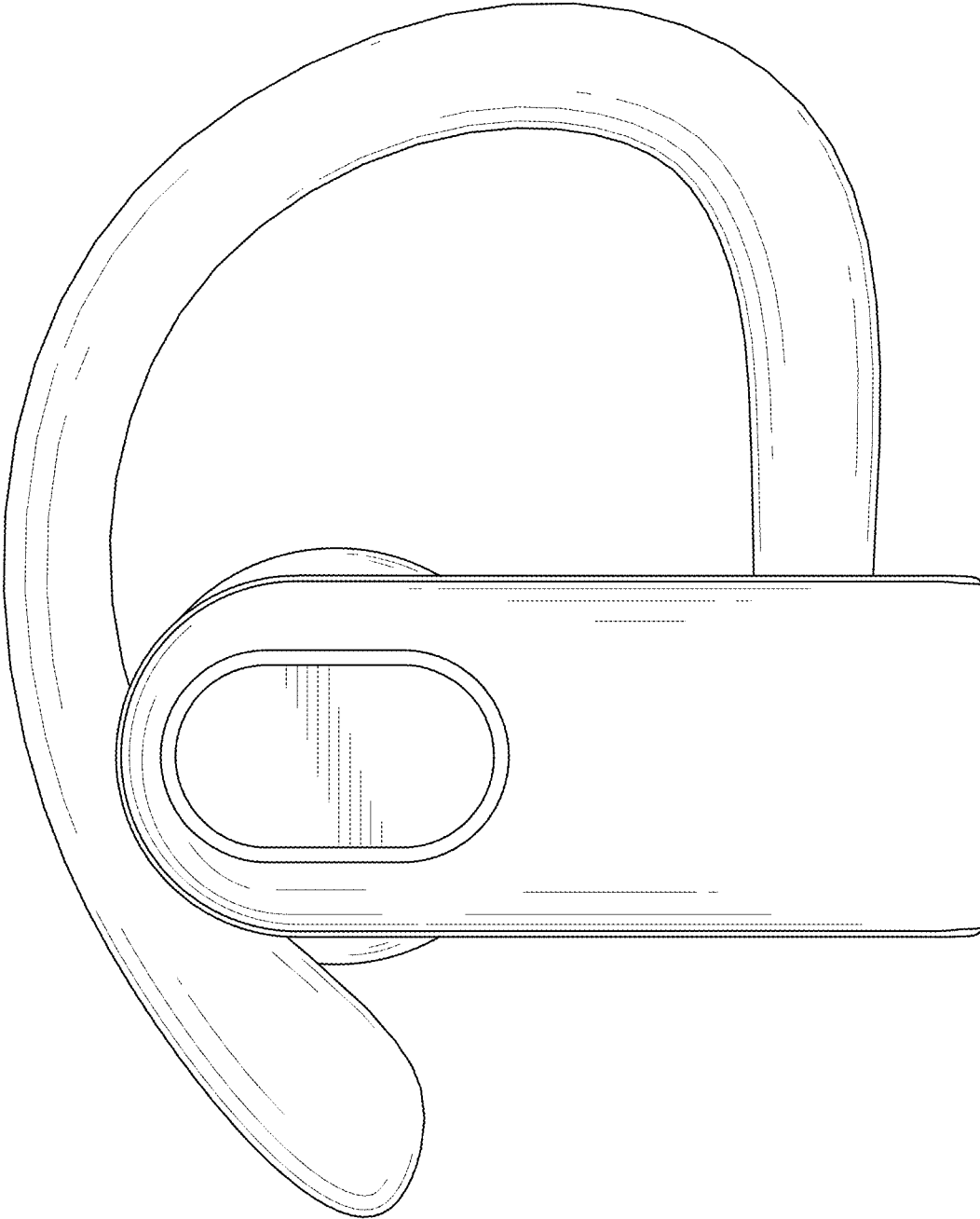


FIG. 3

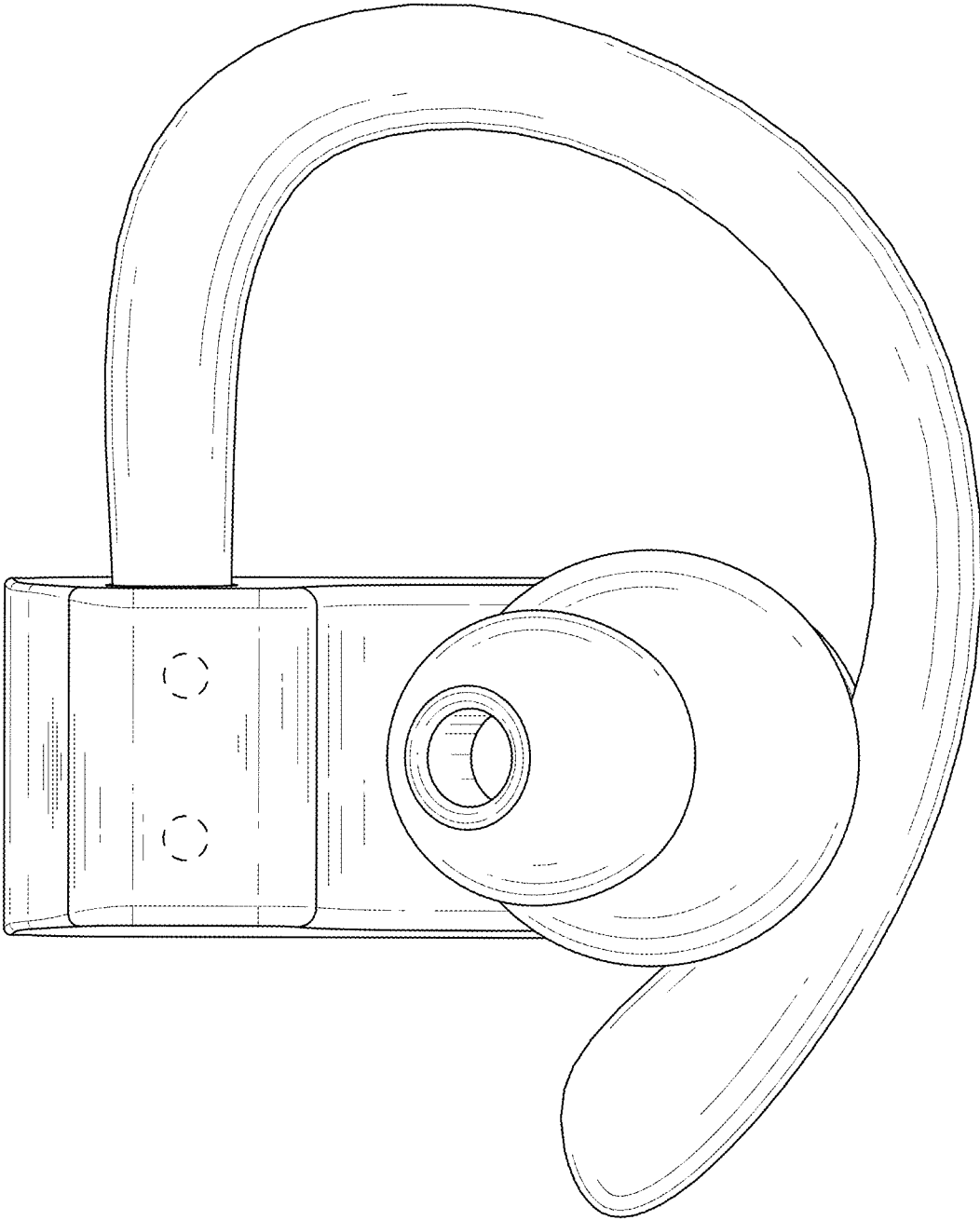


FIG. 4

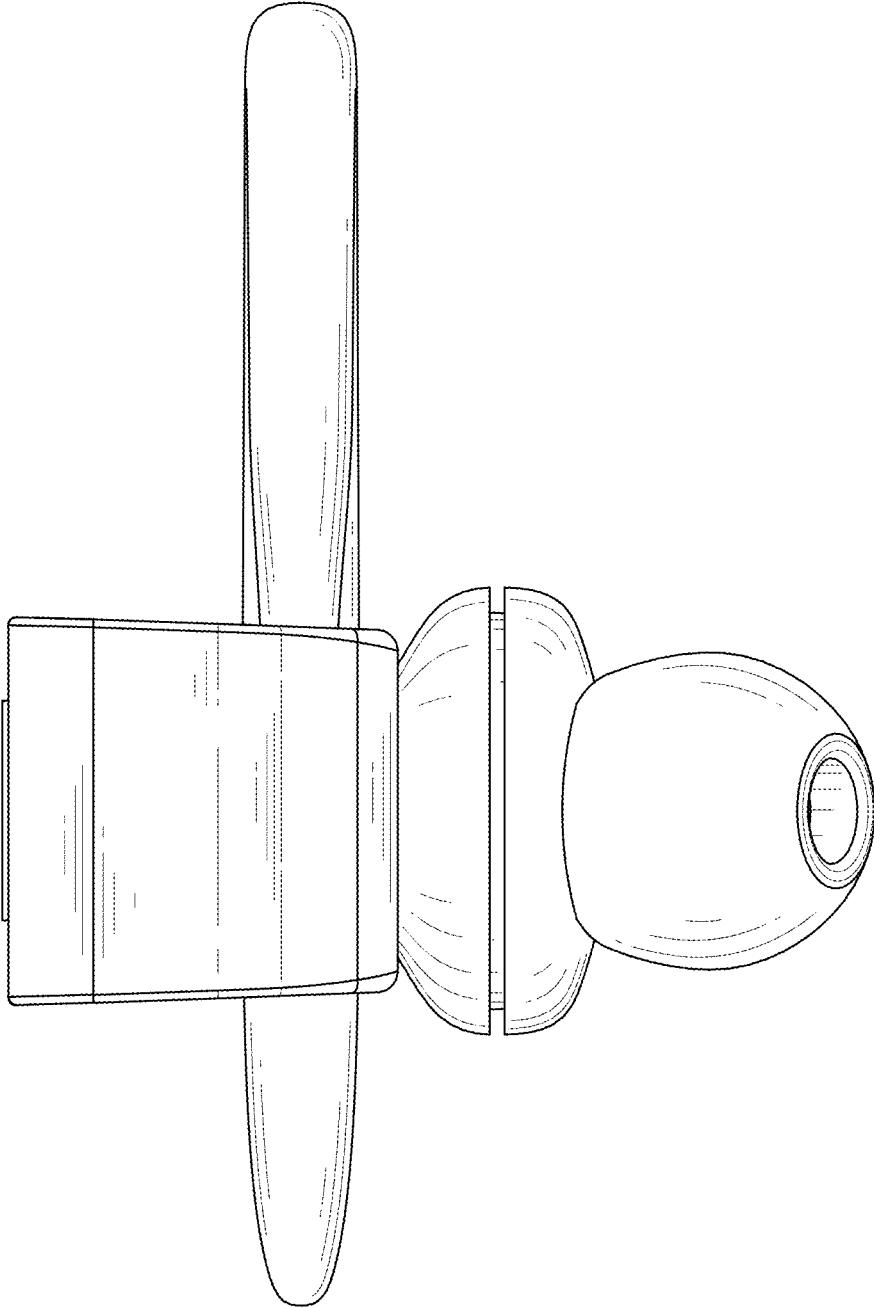


FIG. 5

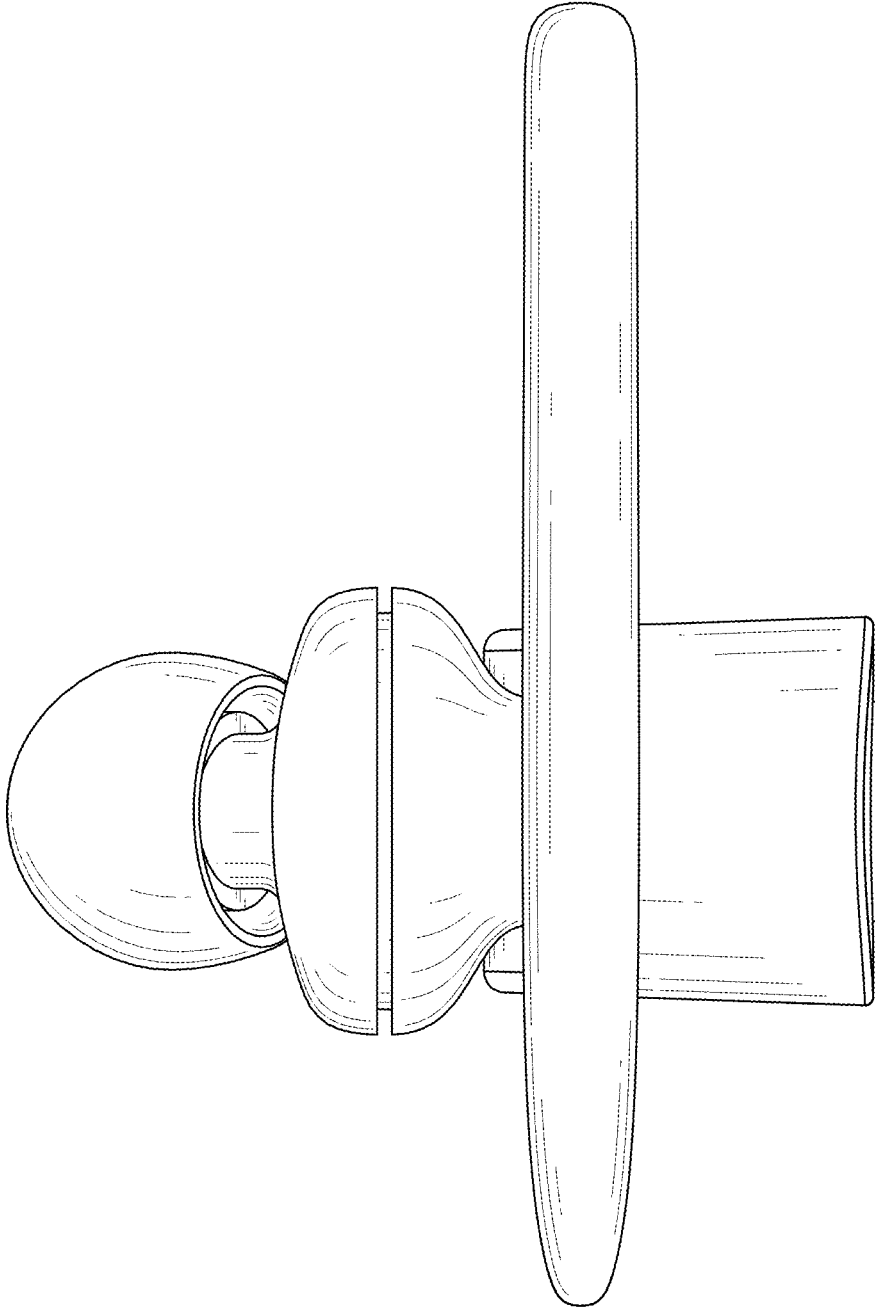


FIG. 6

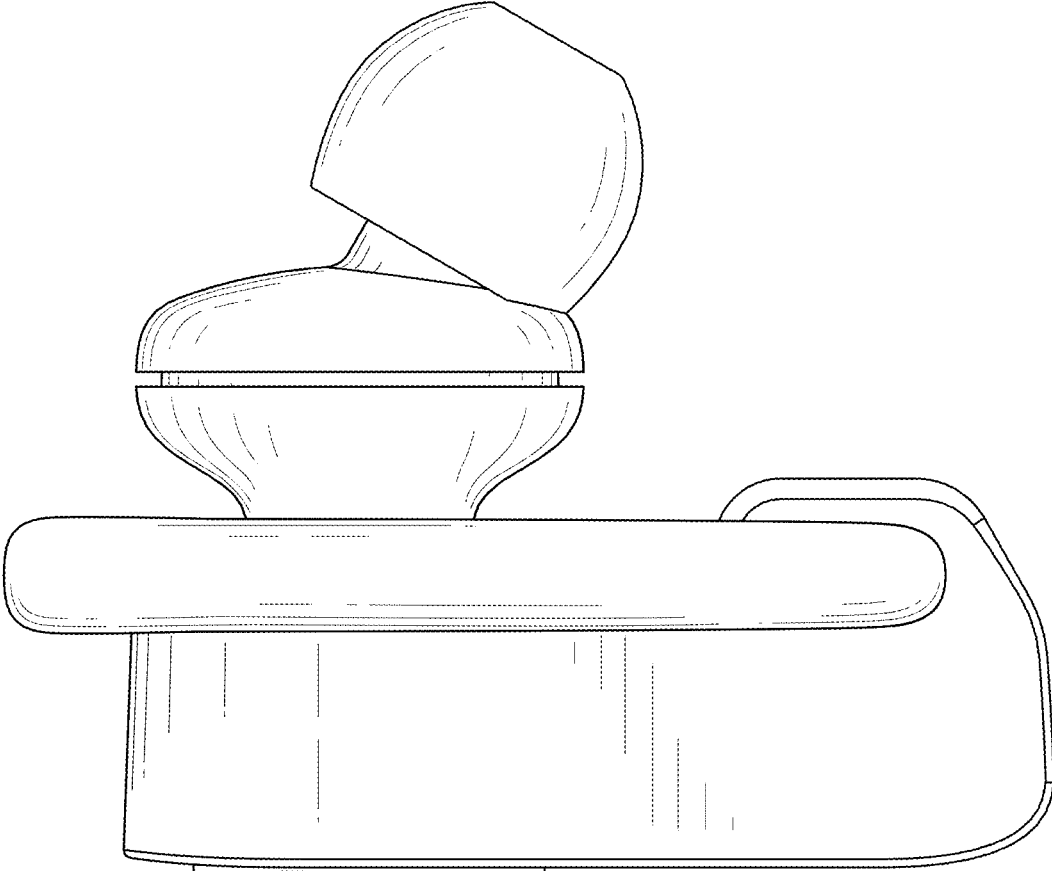


FIG. 7

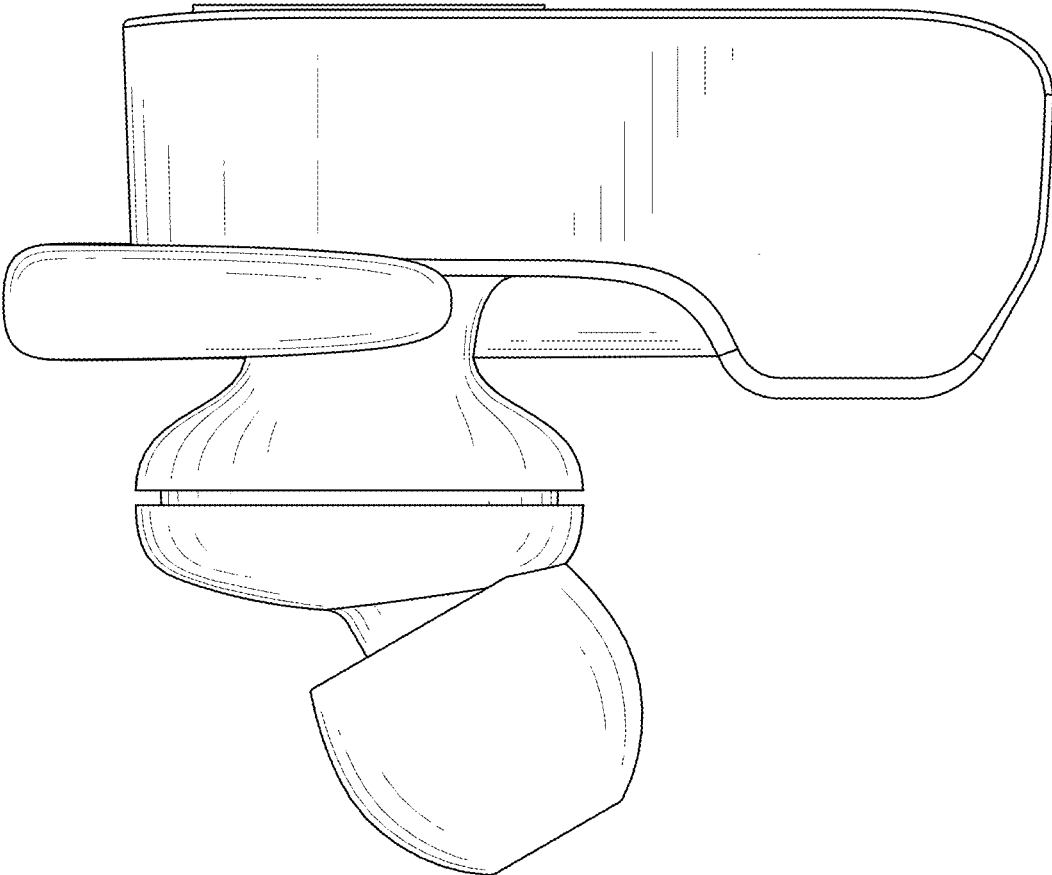


FIG. 8