



US00D705750S

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

(10) **Patent No.:** **US D705,750 S**

(45) **Date of Patent:** **\*\* May 27, 2014**

(54) **EARPHONE**

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(\*\*) Term: **14 Years**

(21) Appl. No.: **29/454,400**

(22) Filed: **May 9, 2013**

(30) **Foreign Application Priority Data**

Mar. 1, 2013 (CN) ..... 2013 3 0050369

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

(52) **U.S. Cl.**

CPC ..... **H04R 1/1066** (2013.01)

USPC ..... **D14/205**

(58) **Field of Classification Search**

CPC ..... H04R 1/1066

USPC ..... D14/205, 372; D29/112; 2/209;

181/129, 130, 135; 381/380, 381, 379,

381/374, 383; 455/90.3, 575.1

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D328,074 S \* 7/1992 Yamazaki et al. .... D14/205

D345,162 S \* 3/1994 Yamatogi ..... D14/205

D358,388 S *	5/1995	Nakamura et al. ....	D14/205
D386,181 S *	11/1997	Fisher .....	D14/205
D430,140 S *	8/2000	Roman .....	D14/205
6,295,366 B1 *	9/2001	Haller et al. ....	381/374
D484,485 S *	12/2003	Matsuoka .....	D14/205
D534,155 S *	12/2006	Obata .....	D14/205
D538,261 S *	3/2007	Taylor et al. ....	D14/205
D540,301 S *	4/2007	Obata .....	D14/205
D563,382 S *	3/2008	Wikel .....	D14/205
D583,800 S *	12/2008	Jaakkola et al. ....	D14/205
D628,554 S *	12/2010	Tedja et al. ....	D14/205
D637,176 S *	5/2011	Brunner et al. ....	D14/205
D657,344 S *	4/2012	Brunner et al. ....	D14/205
D663,716 S *	7/2012	Hardi et al. ....	D14/205
D666,991 S *	9/2012	Lee et al. ....	D14/205
D673,518 S *	1/2013	Tan .....	D14/205
D673,520 S *	1/2013	Tan .....	D14/205
D677,648 S *	3/2013	Lee et al. ....	D14/206
D683,329 S *	5/2013	Hagelin .....	D14/205
D691,984 S *	10/2013	Wang .....	D14/205
D693,791 S *	11/2013	Troy .....	D14/205

\* cited by examiner

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of the earphone; FIG. 2 is a front view of the earphone; FIG. 3 is a rear view of the earphone; FIG. 4 is a left side view of the earphone; FIG. 5 is a right side view of the earphone; FIG. 6 is a top view of the earphone; and, FIG. 7 is a bottom view of the earphone.

**1 Claim, 7 Drawing Sheets**





Fig. 1

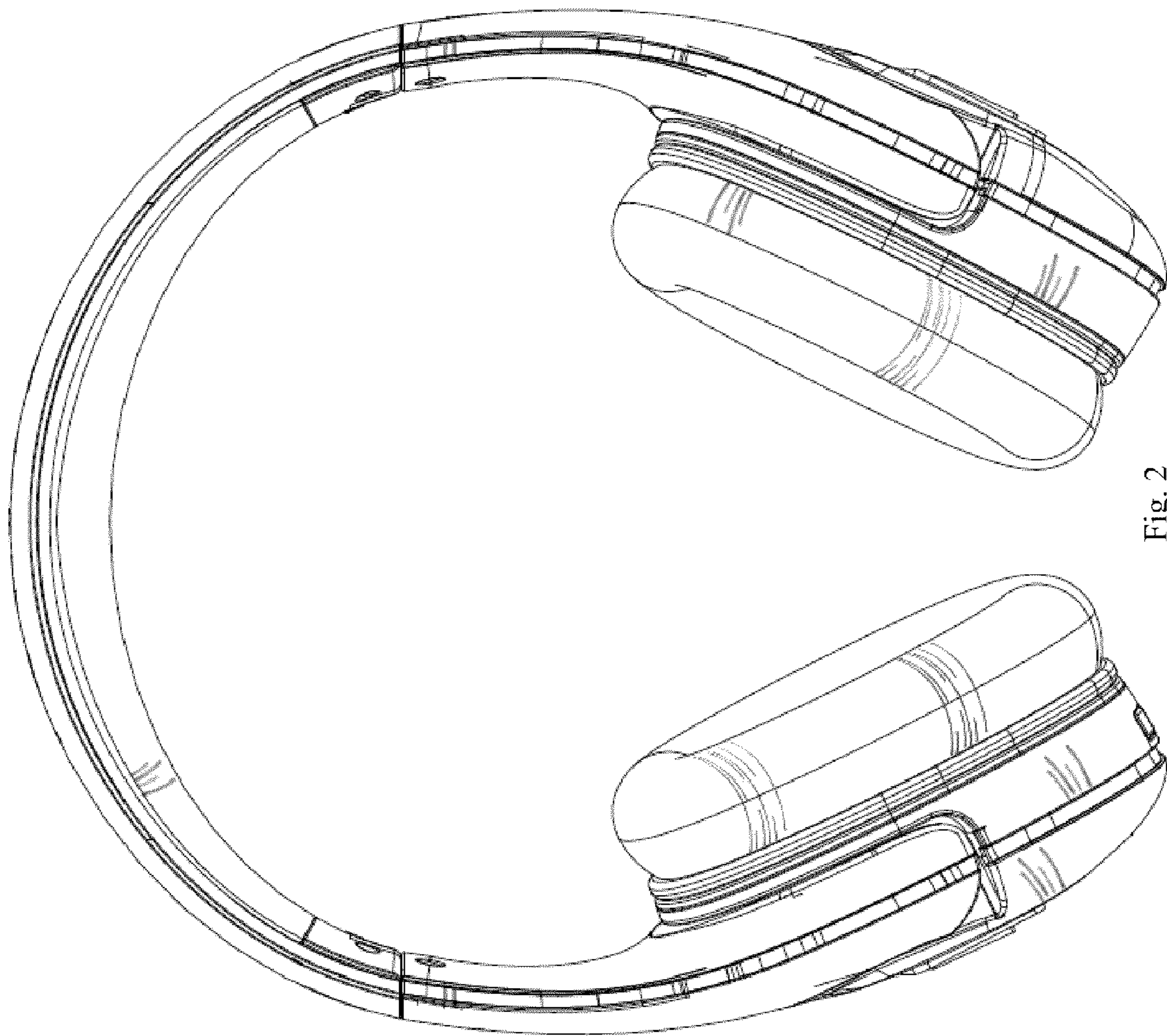


Fig. 2

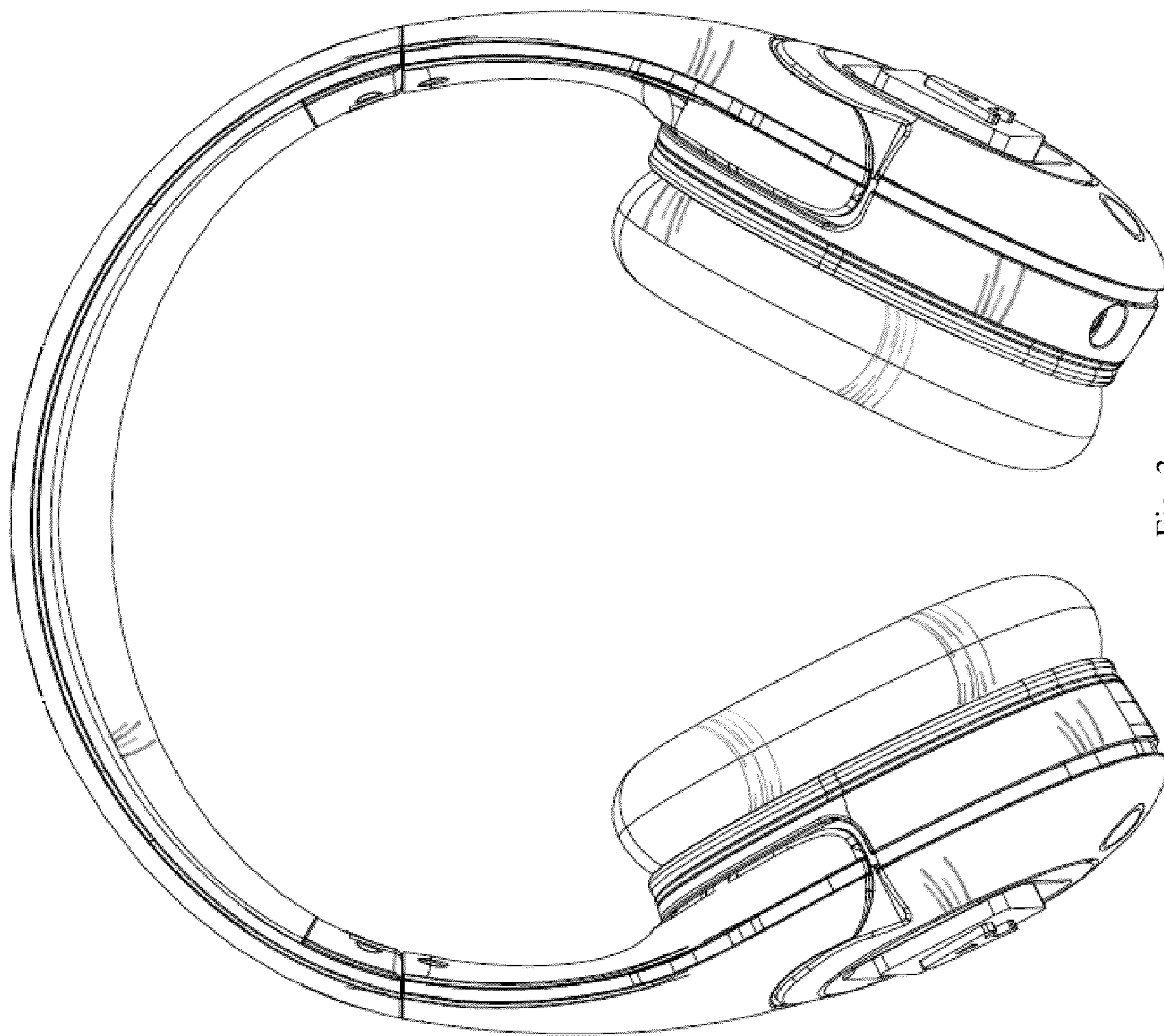


Fig. 3



Fig. 4

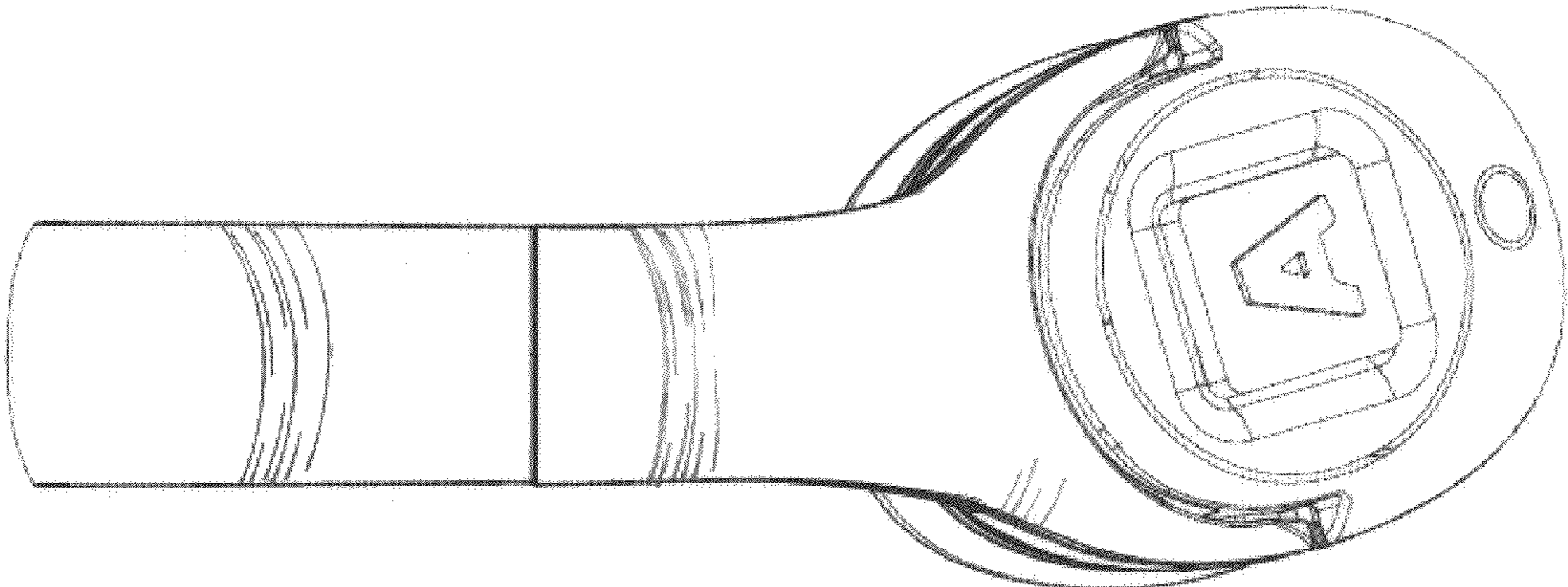


Fig. 5

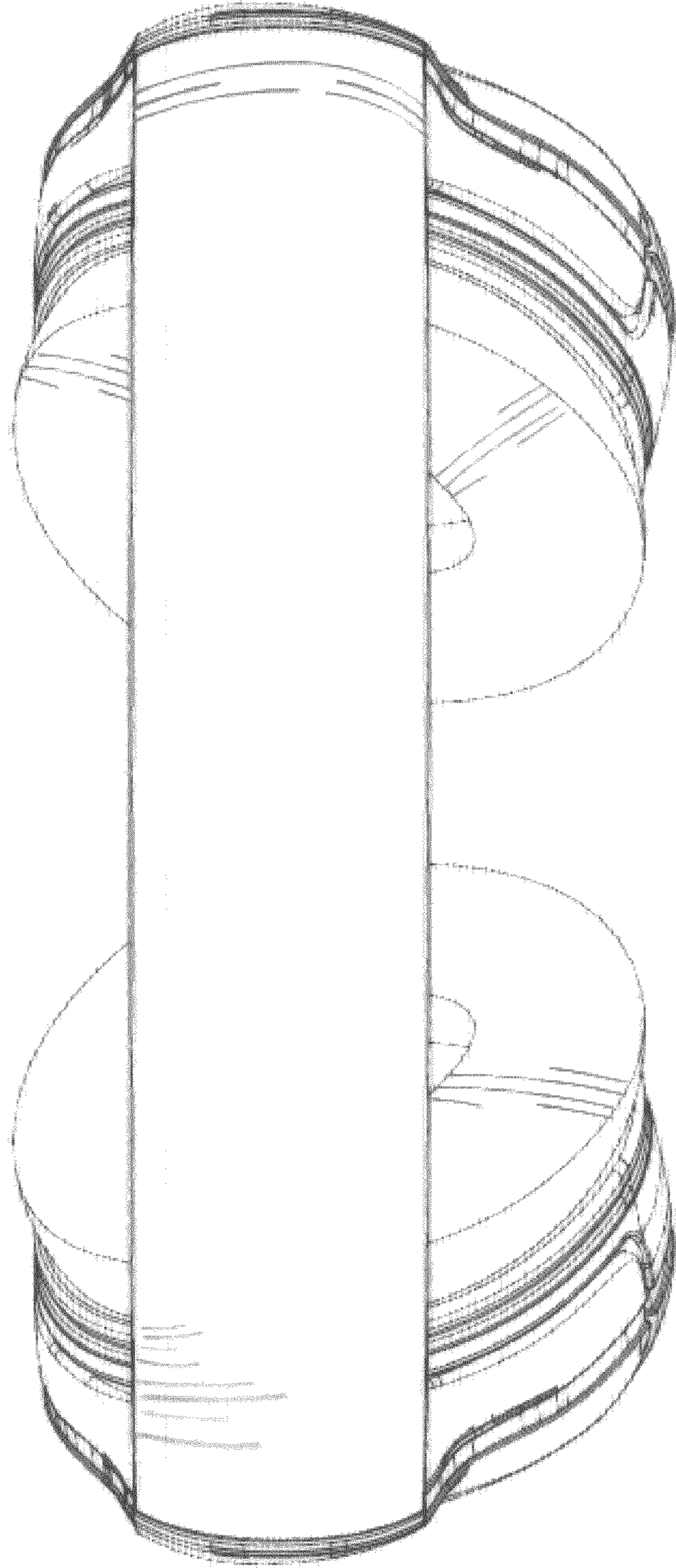


Fig. 6

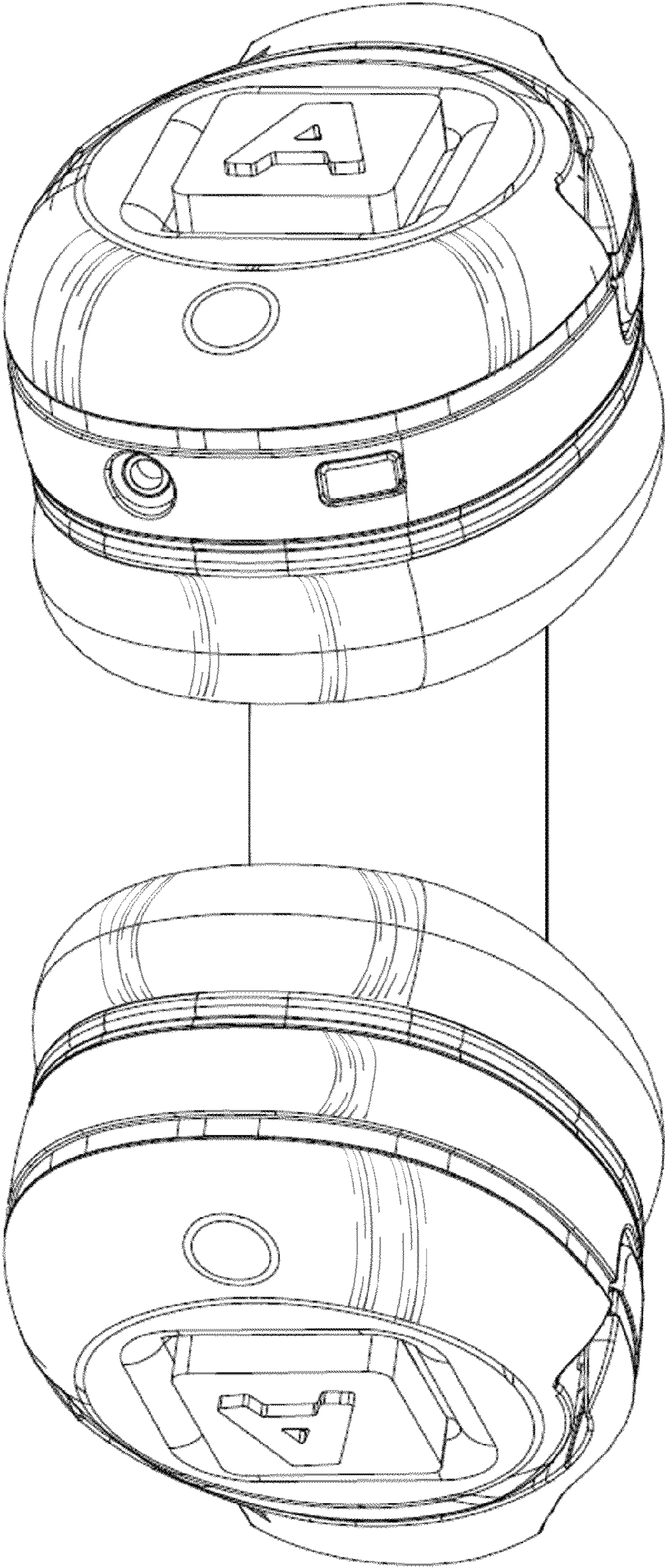


Fig. 7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D705,750 S  
APPLICATION NO. : 29/454400  
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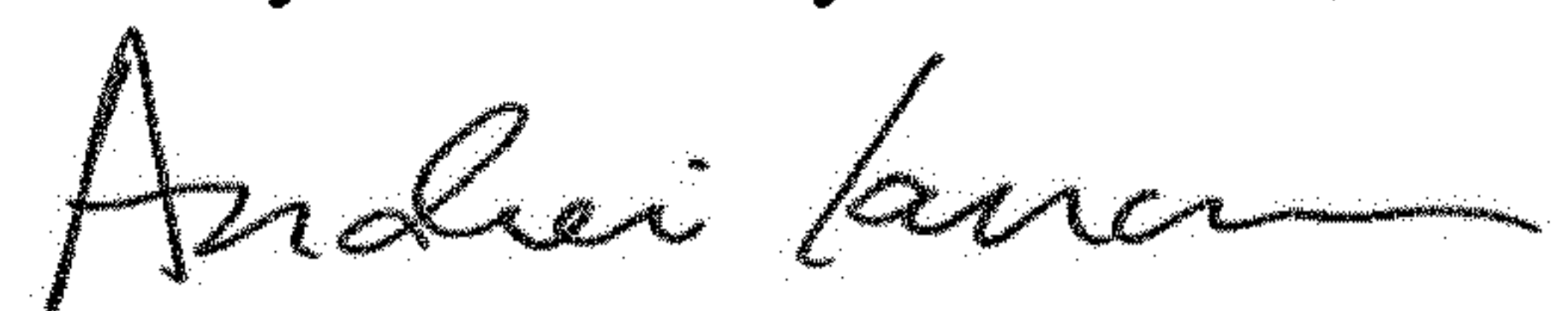
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Item (73) Assignee

Change "Shenzhen Grandsun Electronics Co., Ltd." to --Shenzhen Grandsun Electronic Co., Ltd.--

Signed and Sealed this  
Twenty-fourth Day of March, 2020



Andrei Iancu  
*Director of the United States Patent and Trademark Office*