



US00D770427S

(12) **United States Design Patent** (10) **Patent No.:** **US D770,427 S**
Iwane et al. (45) **Date of Patent:** **** Nov. 1, 2016**

(54) **EARPHONE**

(71) Applicants: **Masahito Iwane**, Tokyo (JP); **Shohei Tokoi**, Kanagawa (JP)

(72) Inventors: **Masahito Iwane**, Tokyo (JP); **Shohei Tokoi**, Kanagawa (JP)

(73) Assignee: **Audio-Technica Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/532,307**

(22) Filed: **Jul. 6, 2015**

(30) **Foreign Application Priority Data**

Jan. 23, 2015 (JP) 2015-1146

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

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

(58) **Field of Classification Search**
USPC D14/223, 205; 181/129, 130, 135;
379/430, 431; 381/380, 381; 455/90.3,
455/575.1

CPC H04R 1/10; H04R 25/00; H04R 1/1016;
H04R 5/033; H04R 5/0335

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,621,156 A * 11/1971 Kliever H04M 1/05
379/430
6,574,345 B1 * 6/2003 Huang H04R 1/1016
379/430
D517,054 S * 3/2006 Yang D14/205
7,089,042 B2 * 8/2006 Bodley H04M 1/05
381/104
D535,980 S * 1/2007 Bentley D14/225
D538,784 S * 3/2007 Eklund D14/205
D539,268 S * 3/2007 Suzuki D14/206

D554,627 S * 11/2007 Gondo D14/223
D555,152 S * 11/2007 Wang D14/223
D566,099 S * 4/2008 Komiyama D14/206
D576,154 S * 9/2008 Ledbetter D14/223
D581,900 S * 12/2008 Caddes D14/206
D587,247 S * 2/2009 Densho D14/223
D587,249 S * 2/2009 Densho D14/223
D597,084 S * 7/2009 Gondo D14/223
D598,431 S * 8/2009 Densho D14/223
D598,895 S * 8/2009 Bentley D14/206
D604,272 S * 11/2009 Kitayama D14/223
D606,971 S * 12/2009 Christopher D14/205
D607,880 S * 1/2010 Chung D14/223
D611,934 S * 3/2010 Schaefer D14/223
D618,211 S * 6/2010 Oguro D14/205
D631,470 S * 1/2011 Yoneyama D14/223
D635,960 S * 4/2011 Gondo D14/223
D637,585 S * 5/2011 Nagayama D14/223
D639,283 S * 6/2011 Ozawa D14/223
D641,011 S * 7/2011 Gondo D14/206
D673,521 S * 1/2013 Yoneyama D14/205
D679,682 S * 4/2013 Shimizu D14/223

(Continued)

Primary Examiner — Paula Greene

(74) *Attorney, Agent, or Firm* — Whitham, Curtis & Cook, P.C.

(57)

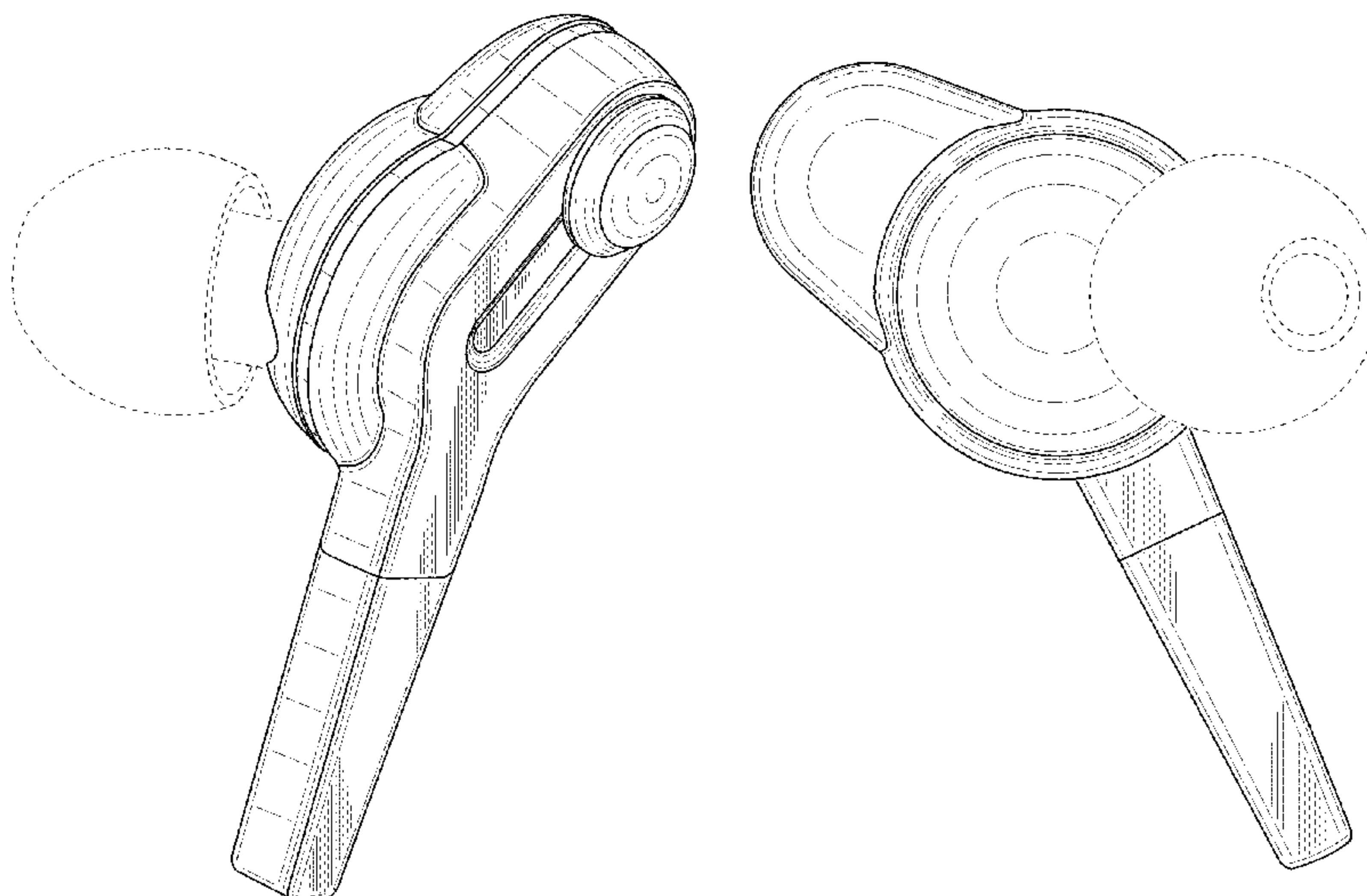
CLAIM

We claim the ornamental design for an earphone, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an earphone;
FIG. 2 is a front elevational view of the earphone;
FIG. 3 is a rear elevational view of the earphone;
FIG. 4 is a left side elevational view of the earphone;
FIG. 5 is a right side elevational view of the earphone;
FIG. 6 is a top plan view of the earphone; and,
FIG. 7 is a bottom plan view of the earphone.
Portions of the drawings shown in broken lines are for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D682,257 S * 5/2013 Zheng D14/223

8,594,359 B2 * 11/2013 Takei H04R 1/1016

381/370

D698,762 S * 2/2014 Zheng D14/223

D732,508 S * 6/2015 Funayama D14/223

D735,699 S * 8/2015 Yasuda D14/223

D740,255 S * 10/2015 Samrelius D14/206

D747,702 S * 1/2016 Breines D14/223

* cited by examiner

FIG. 1

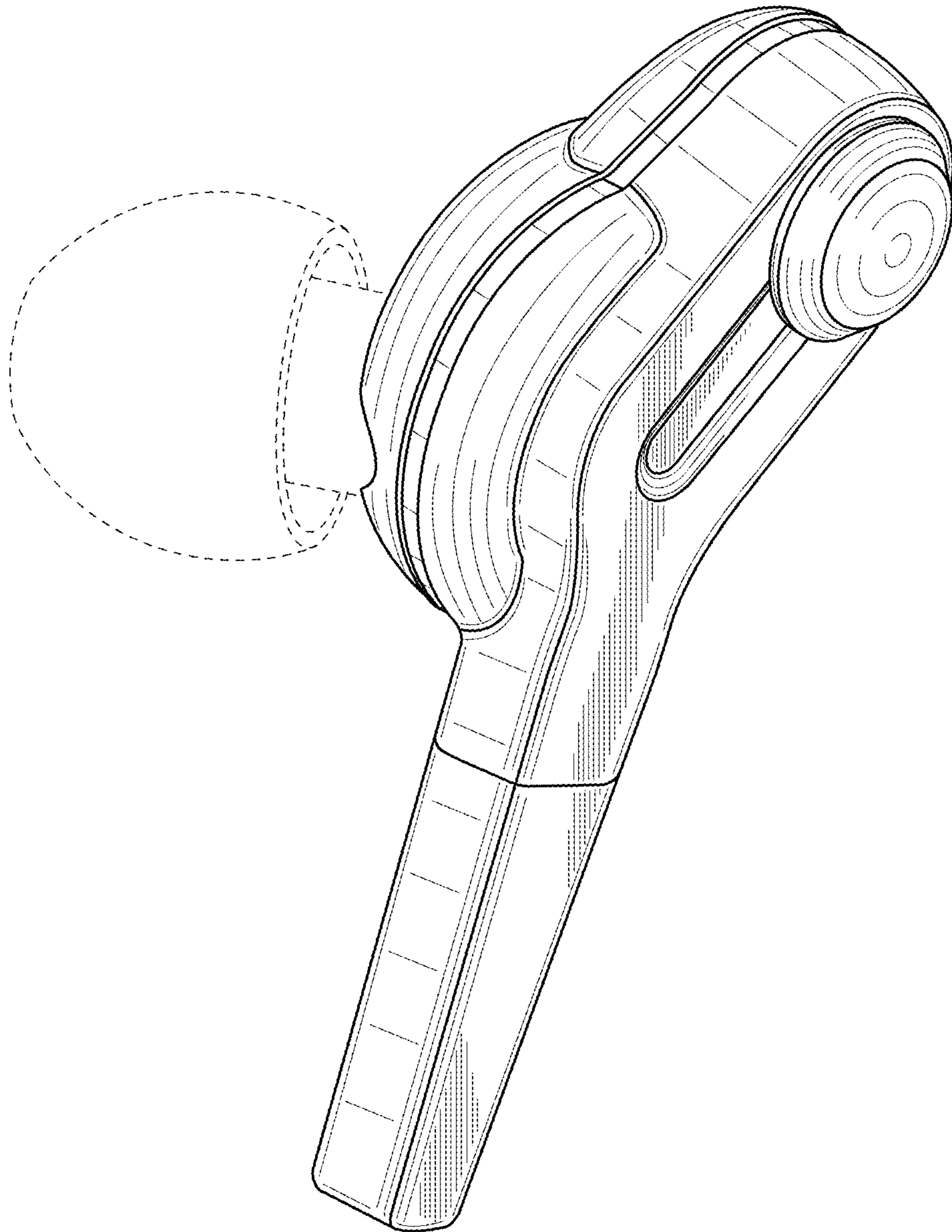


FIG. 2

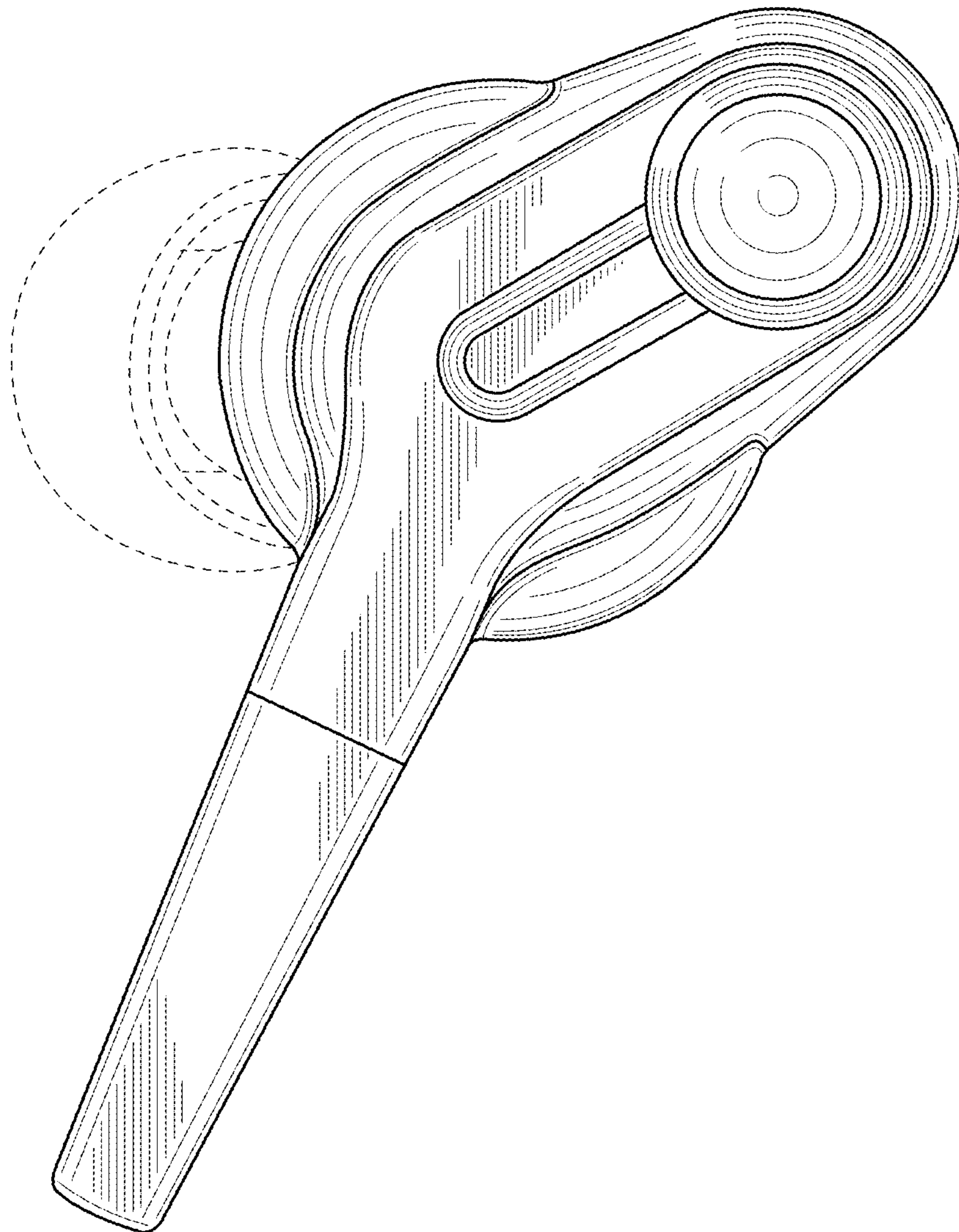


FIG. 3

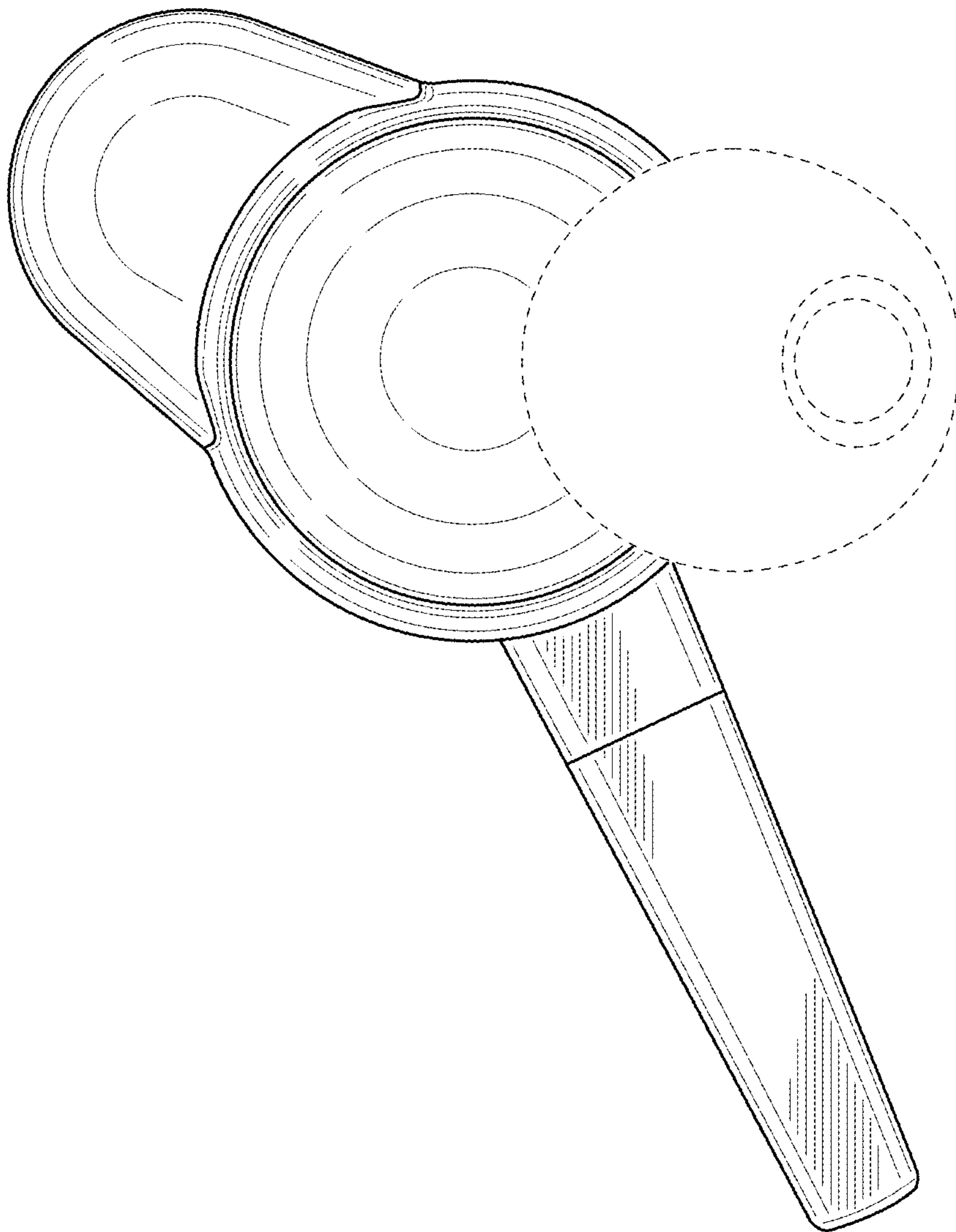


FIG. 4

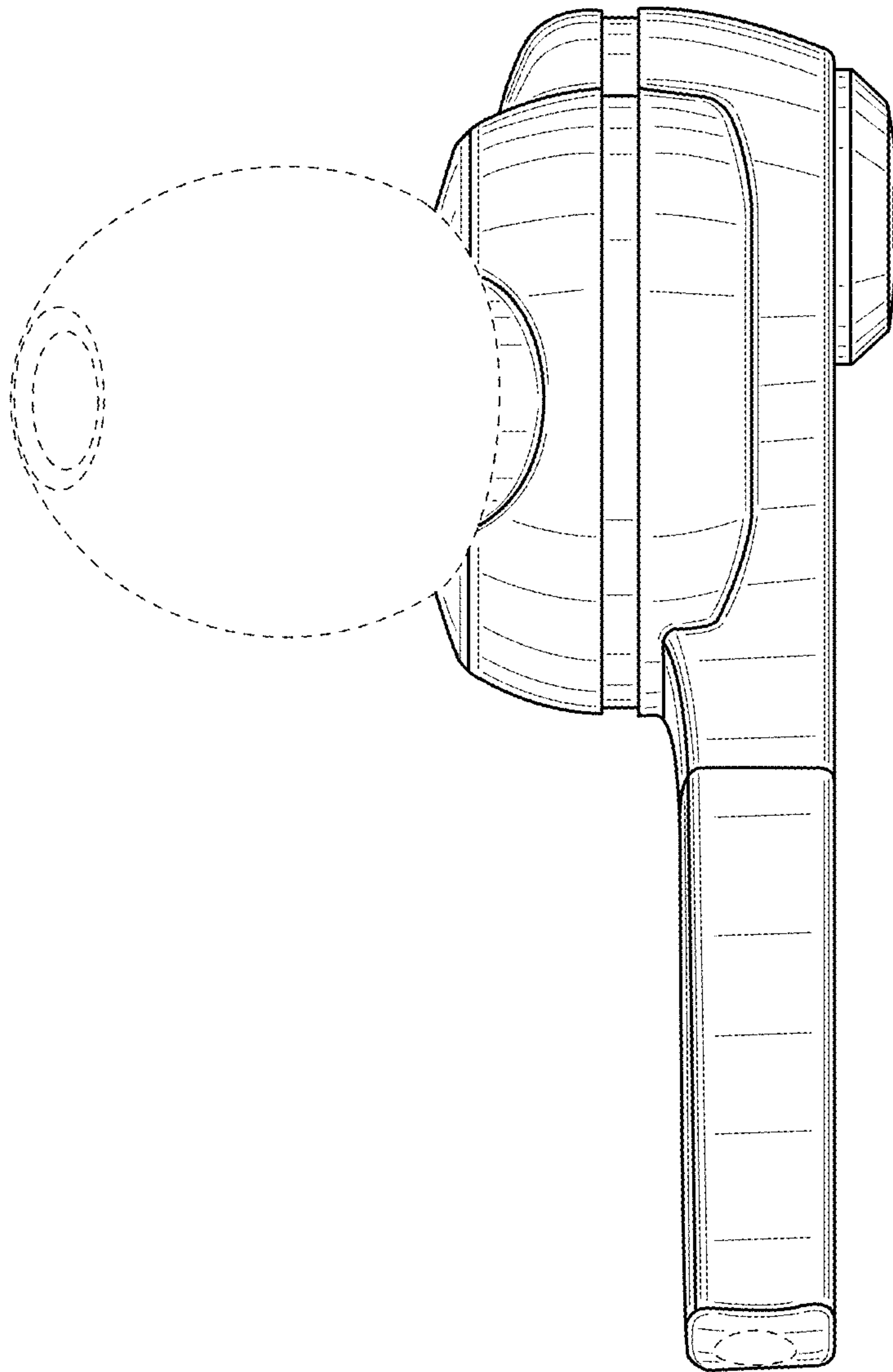


FIG. 5

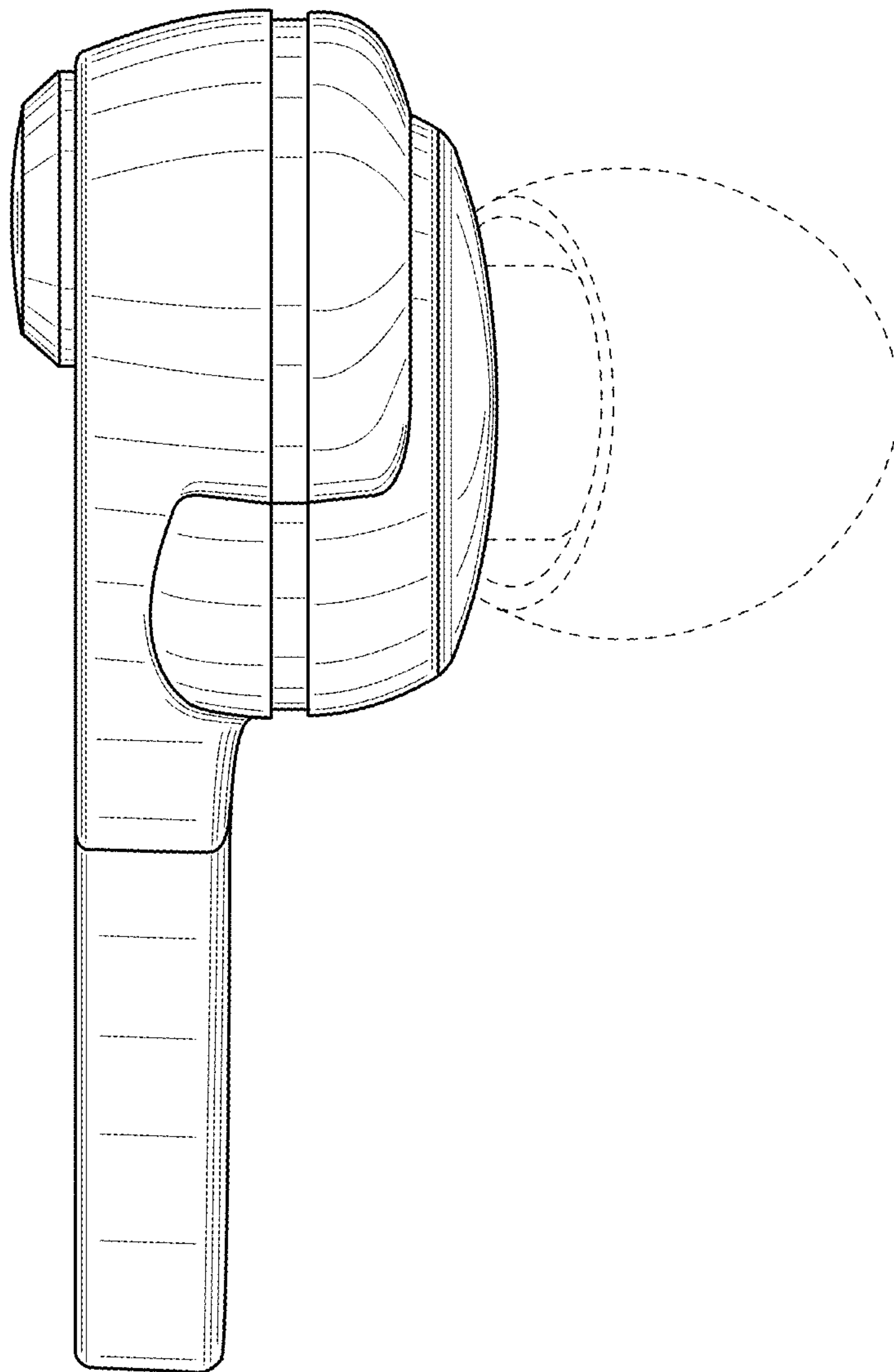


FIG. 6

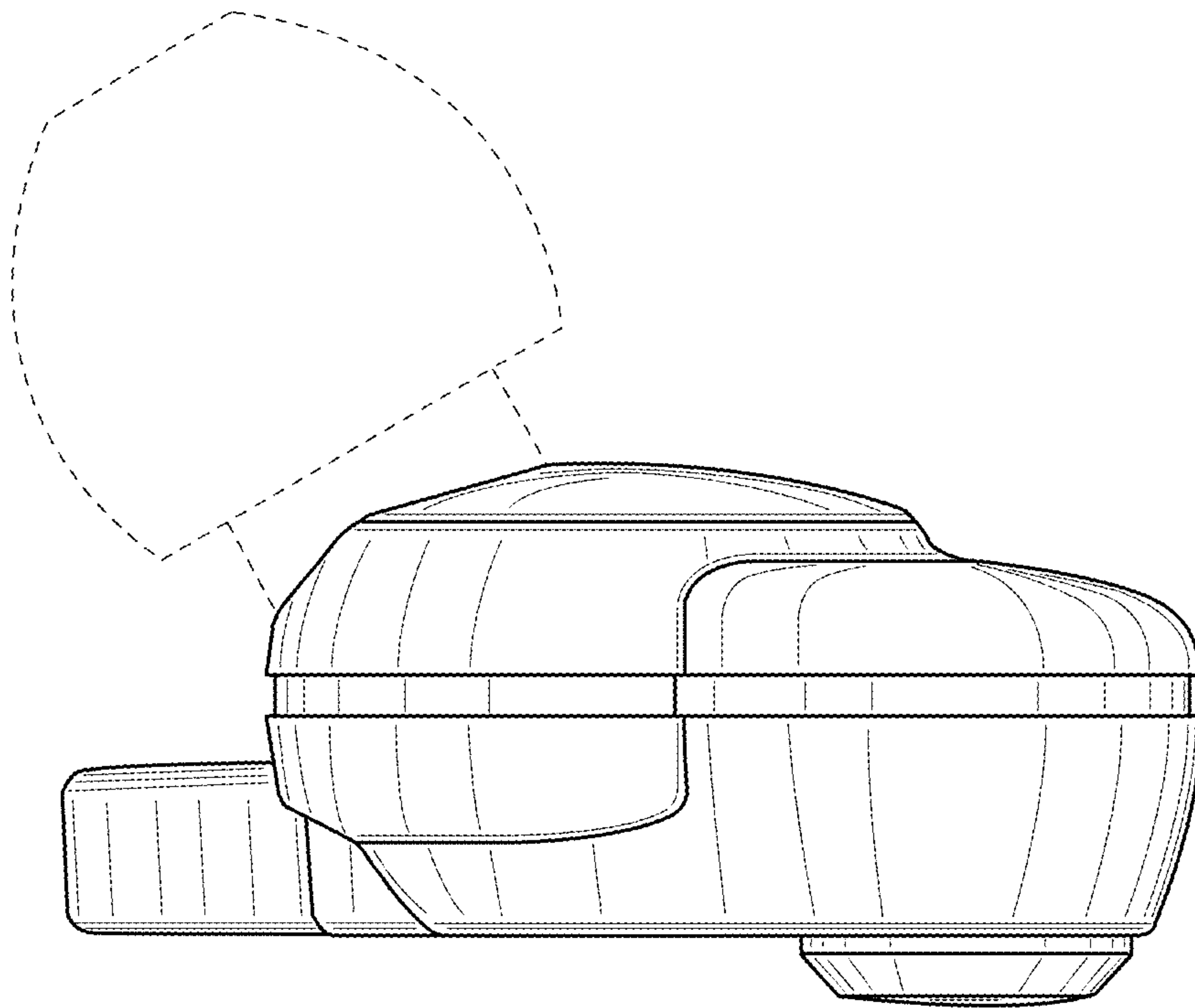


FIG. 7

