



US00D948483S

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

(10) **Patent No.:** **US D948,483 S**
(45) **Date of Patent:** **** Apr. 12, 2022**

(54) **EARPHONE**

(71) Applicant: **Audio-Technica Corporation**, Tokyo (JP)

(72) Inventors: **Daisuke Yoneyama**, Kanagawa (JP); **Takashi Nara**, Kanagawa (JP); **Naoto Nakamura**, Stockholm (SE)

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

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

(21) Appl. No.: **29/742,162**

(22) Filed: **Mar. 4, 2020**

(30) **Foreign Application Priority Data**

Sep. 5, 2019 (JP) 2019-019884

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

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

(58) **Field of Classification Search**
USPC ... D14/205, 207, 217, 221, 223, 224, 224.1, D14/225, 216; D24/173, 174
CPC H04R 1/10; H04R 1/1016; H04R 1/1066; H04R 1/1033; H04R 1/08; H04R 5/033; H04R 5/0335; H04R 25/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D733,103 S *	6/2015	Jeong	.....	D14/224
D806,879 S *	1/2018	Horbinski	.....	D24/174
D817,309 S *	5/2018	Czaniecki	.....	D14/223
D843,353 S *	3/2019	Zhang	.....	D14/223
D845,932 S *	4/2019	Lu	.....	D14/223
D846,532 S *	4/2019	Xiao	.....	D14/223

(Continued)

FOREIGN PATENT DOCUMENTS

CN	306092665	*	10/2020
CN	306401979	*	3/2021

(Continued)

OTHER PUBLICATIONS

Audio-Technica takes its second swing at true wireless earbuds, announced Sep. 4, 2019 [online], retrieved May 19, 2021, retrieved from internet, <https://www.theverge.com/2019/9/4/20843210/audio-technica-ath-cks5tw-cks3tw-true-wireless-earbuds-battery-life-specs-feature-ifa-2019>.*

(Continued)

Primary Examiner — Dana K Weiland

Assistant Examiner — Messina L Smith

(74) *Attorney, Agent, or Firm* — WC&F IP

(57) **CLAIM**

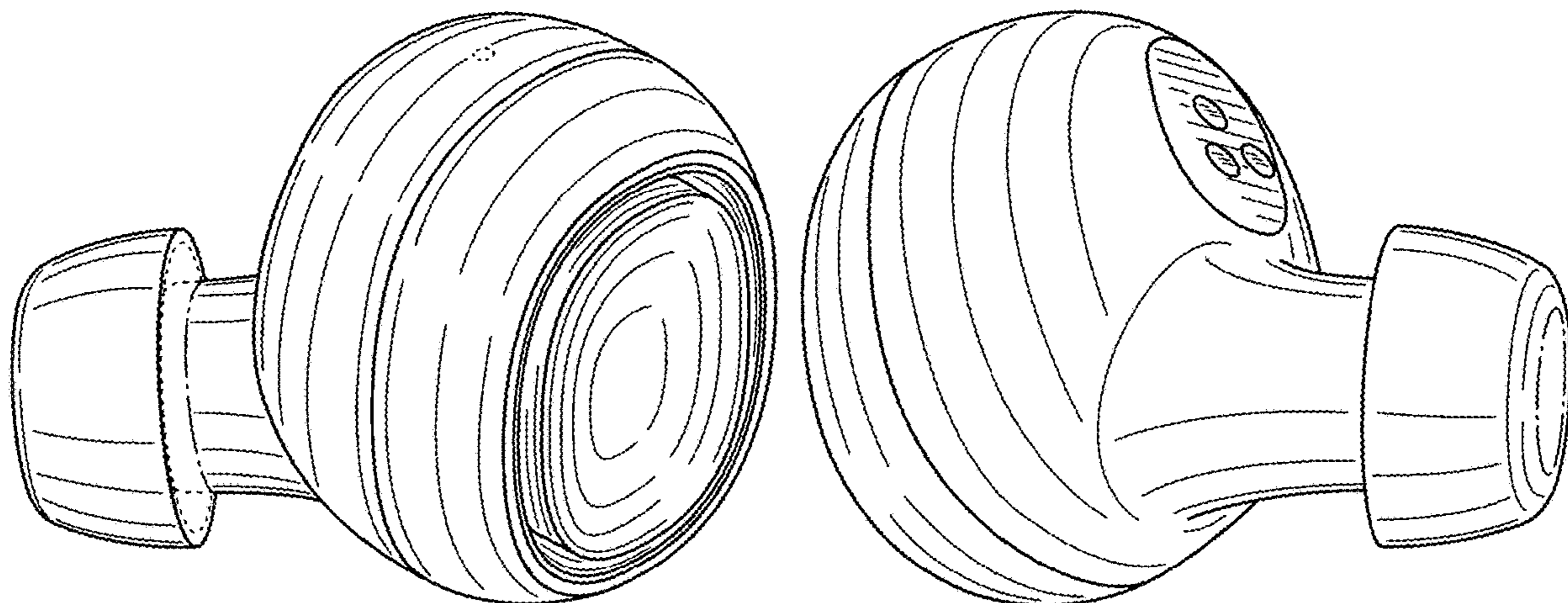
The ornamental design for an earphone, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, left side perspective view of an earphone;
FIG. 2 is a rear, bottom, right side perspective view of the earphone;
FIG. 3 is a front elevational view of the earphone;
FIG. 4 is a rear elevational view of the earphone;
FIG. 5 is a top plan view of the earphone;
FIG. 6 is a bottom plan view of the earphone;
FIG. 7 is a right side elevational view of the earphone;
FIG. 8 is a left side elevational view of the earphone; and,
FIG. 9 is a cross sectional view of the earphone taken in the direction of line 9-9 of FIG. 3.

The dashed broken lines in the drawings depict portions of the earphone that form no part of the claimed design. The dot-dashed broken line defines the bounds of the claimed design and forms no part thereof.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D858,489 S * 9/2019 Hu D14/223
 D883,262 S * 5/2020 Wu D14/223
 D887,395 S * 6/2020 Wang D14/223
 D889,441 S * 7/2020 Lin D14/223
 D899,405 S * 10/2020 Vaclavik D14/223
 D900,064 S * 10/2020 Laffon de Mazieres D14/223
 D902,182 S * 11/2020 Wang D14/223
 D902,892 S * 11/2020 Liu D14/223
 D903,638 S * 12/2020 Li D14/223
 D904,349 S * 12/2020 Saxton D14/223
 D906,292 S * 12/2020 Wang D14/223
 D906,298 S * 12/2020 Wang D14/223
 D908,667 S * 1/2021 He D14/223
 D909,346 S * 2/2021 Wang D14/223
 D912,016 S * 3/2021 Ando D14/223
 D915,358 S * 4/2021 Ma D14/223
 D917,425 S * 4/2021 Wang D14/223
 D917,426 S * 4/2021 Yang D14/223
 D917,428 S * 4/2021 Khoi D14/223
 D918,873 S * 5/2021 Deng D14/223
 2021/0099786 A1 * 4/2021 Sasaki H04R 1/1075

FOREIGN PATENT DOCUMENTS

CN 306412412 * 3/2021
 CN 306521414 * 5/2021

OTHER PUBLICATIONS

Audio-Technica Consumer ATH-CK3TW True Wireless In-Ear Headphones, announced Jan. 3, 2020 [online], retrieved May 19, 2021, retrieved from internet, https://www.bhphotovideo.com/c/product/1518568-REG/audio_technica_consumer_ath_ck3twwh_athck3tw_wireless_in_ear_headphone.html/reviews.
 See the Two Audio-Technica Wireless Earbuds On Display at IFA 2019, announced Sep. 6, 2019 [online], retrieved May 19, 2021, retrieved from internet, <https://techthelead.com/audio-technica-wireless-earbuds-ifa-2019/>.
 Hands on: Audio-Technica ATH-SPORT7TW review, announced 2019 [online], retrieved May 19, 2021, retrieved from internet, <https://www.techradar.com/reviews/audio-technica-ath-sport7tw>.

* cited by examiner

FIG. 1

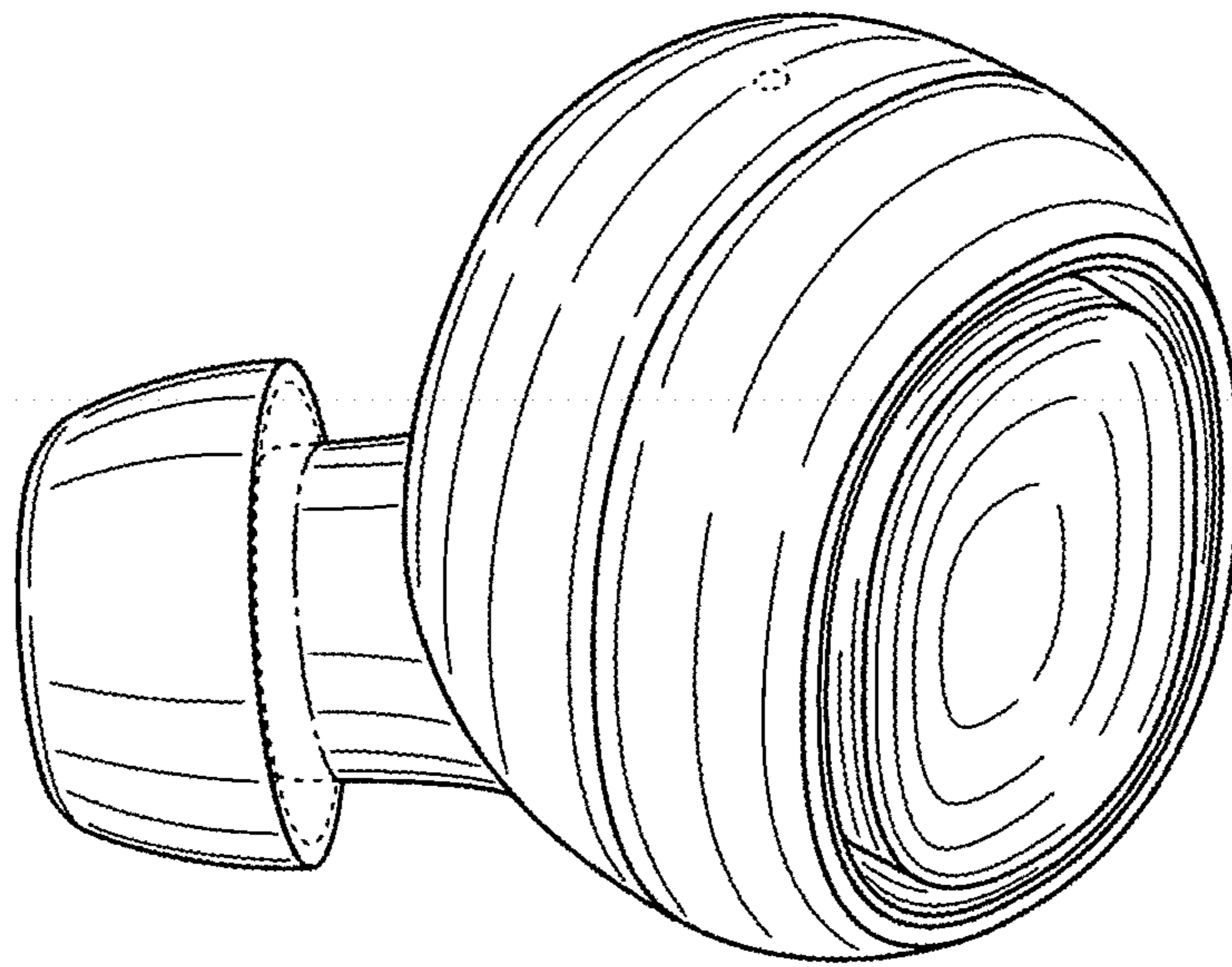


FIG. 2

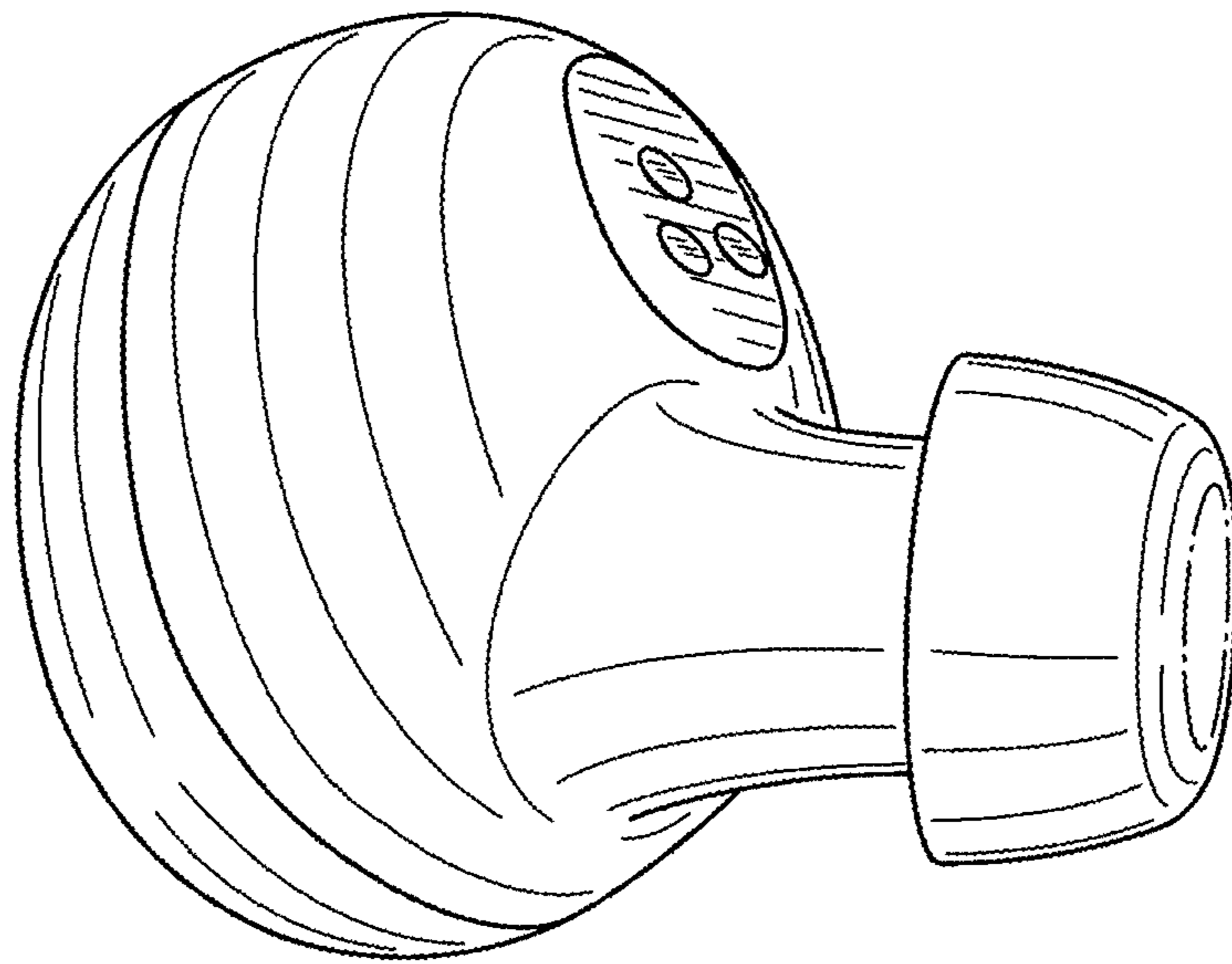


FIG. 3

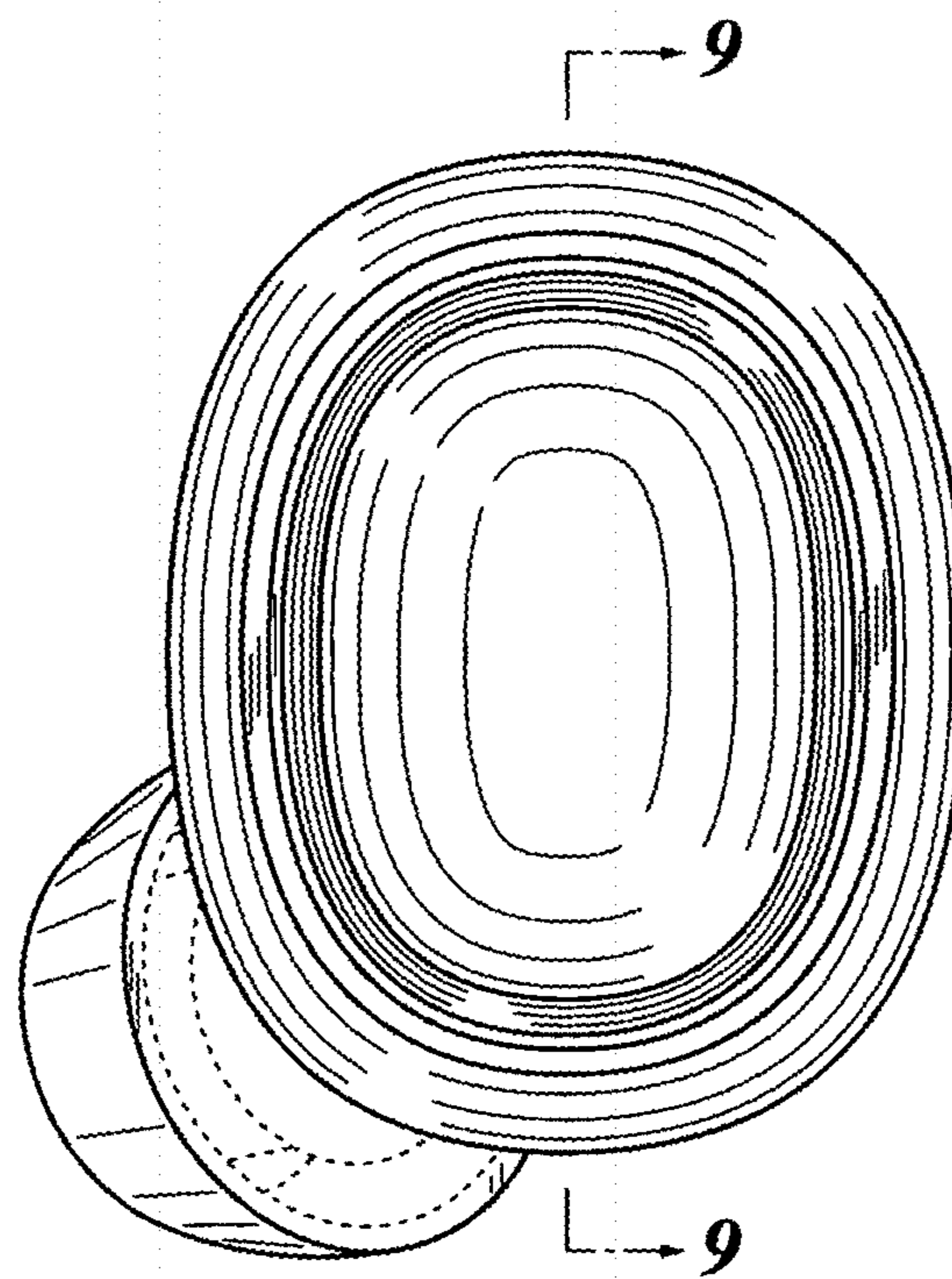


FIG. 4

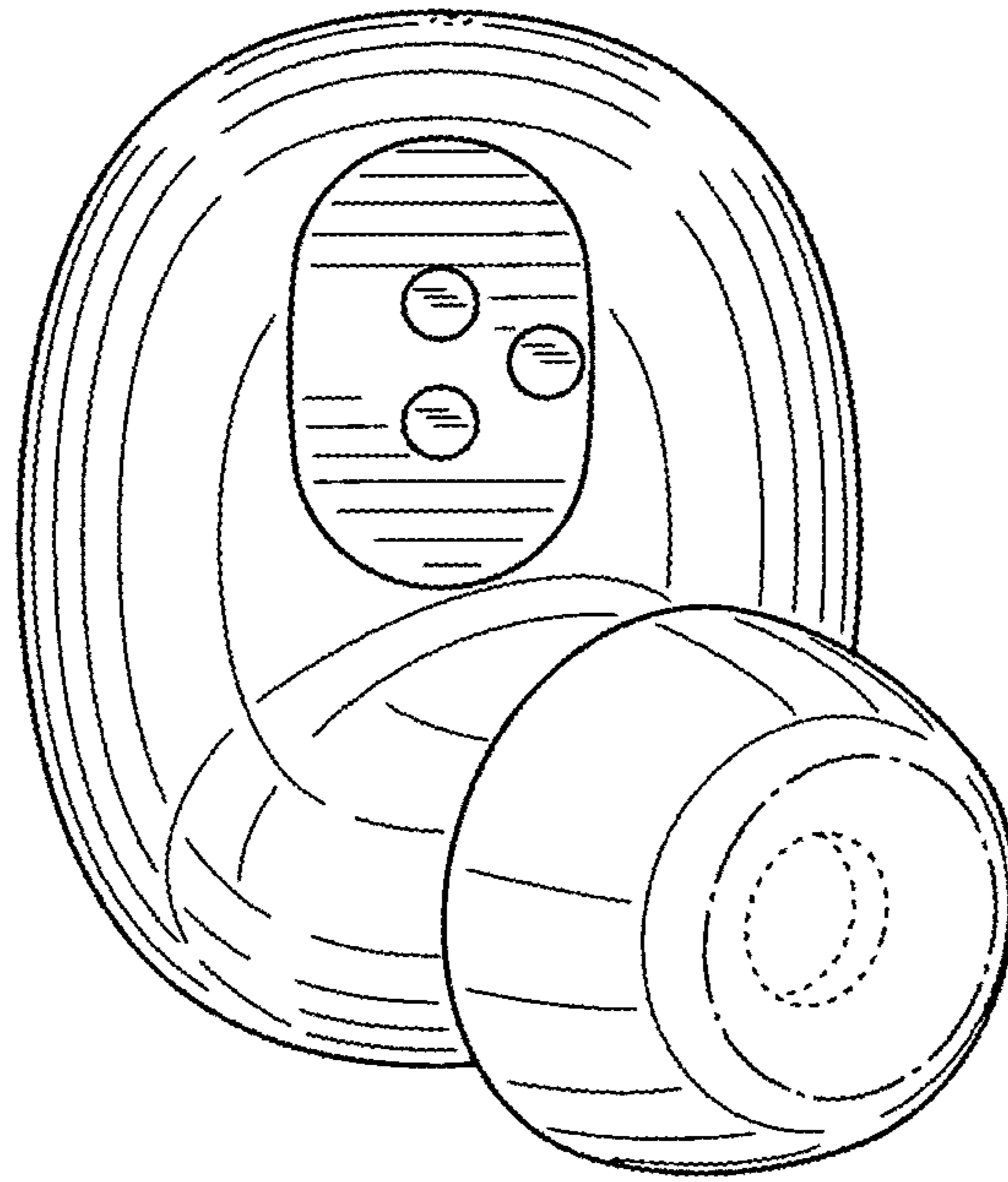


FIG. 5

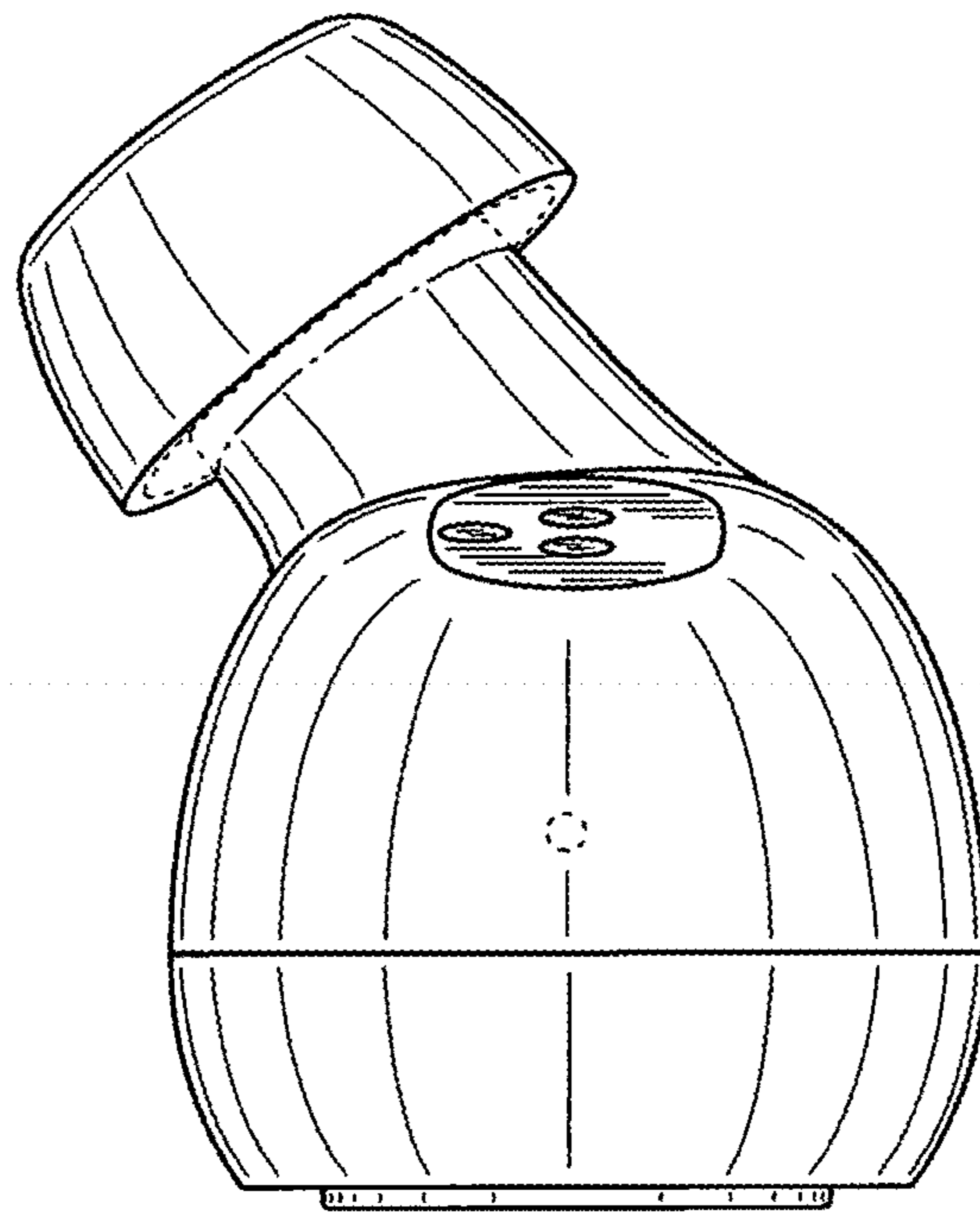


FIG. 6

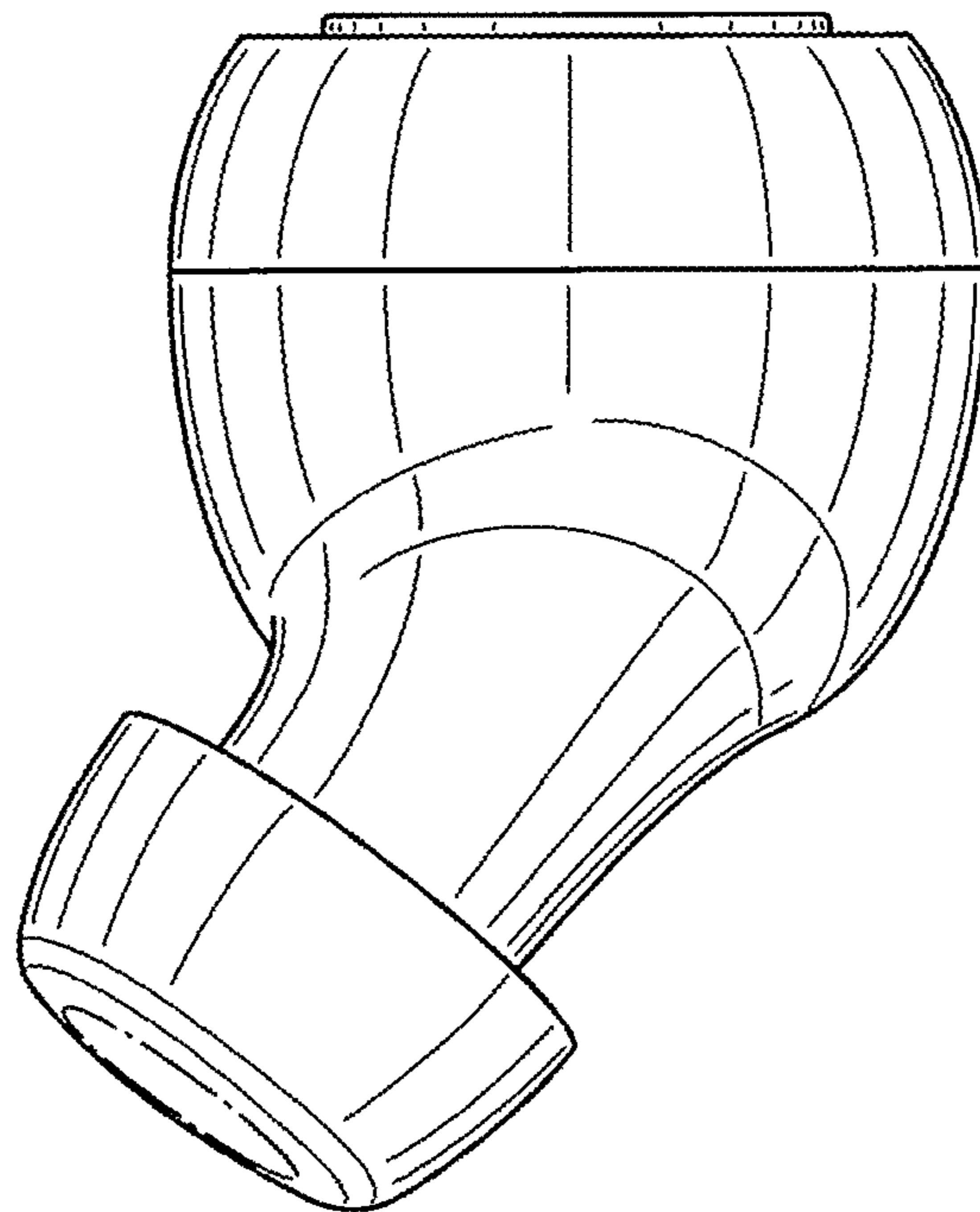


FIG. 7

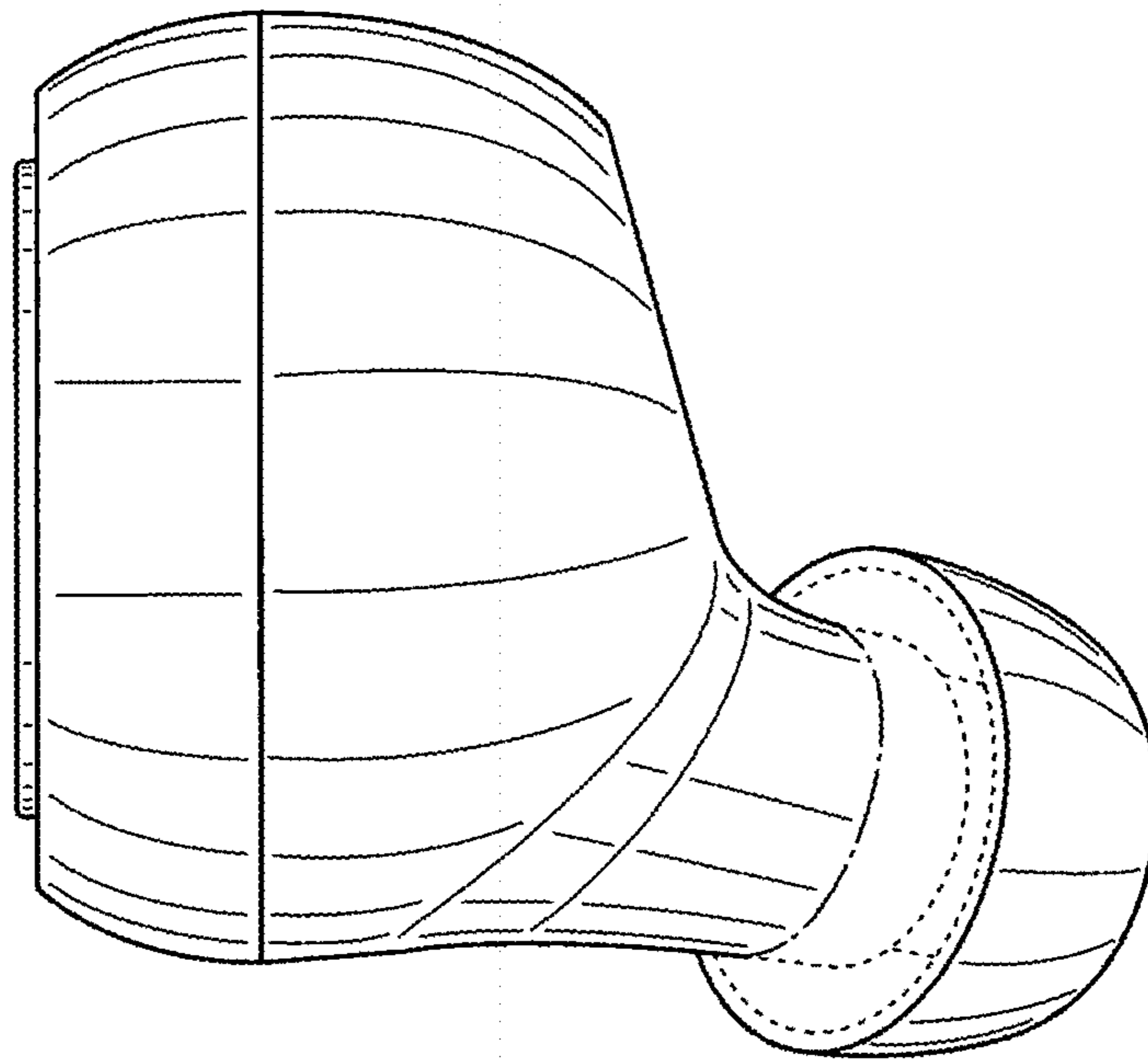


FIG. 8

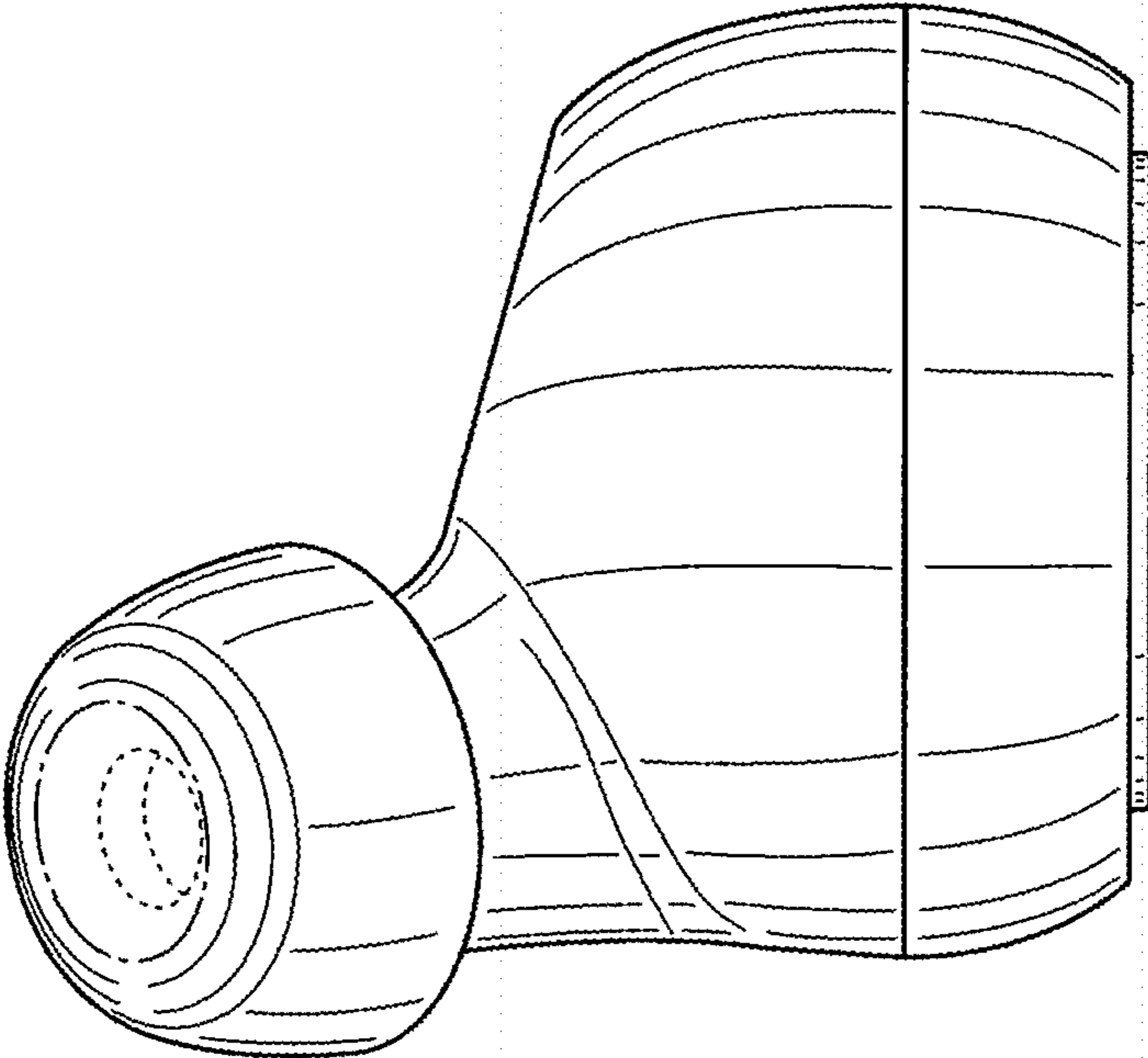


FIG. 9

