



US00D701854S

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

(10) **Patent No.:** **US D701,854 S**
(45) **Date of Patent:** **** Apr. 1, 2014**

(54) **EARPHONE**

(71) Applicant: **Sony Corporation**, Tokyo (JP)

(72) Inventors: **Jun Katsumata**, Tokyo (JP); **So Morimoto**, Tokyo (JP); **Sohei Kitayama**, Tokyo (JP)

(73) Assignee: **Sony Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/436,242**

(22) Filed: **Nov. 2, 2012**

Related U.S. Application Data

(63) Continuation of application No. 29/371,962, filed on Feb. 24, 2012, now Pat. No. Des. 670,274.

(30) **Foreign Application Priority Data**

Aug. 26, 2011	(CN)	2011 3 0293385
Aug. 29, 2011	(JP)	D2011-018469
Aug. 29, 2011	(JP)	D2011-019468
Aug. 29, 2011	(JP)	D2011-019470
Aug. 29, 2011	(JP)	D2011-019471
Aug. 31, 2011	(JP)	D2011-019738
Aug. 31, 2011	(JP)	D2011-019744
Aug. 31, 2011	(JP)	D2011-019745
Aug. 31, 2011	(JP)	D2011-019747

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

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

(58) **Field of Classification Search**
USPC D14/223, 215, 216, 217, 218, 219, 242,
D14/496; 181/129, 130, 135; 379/430, 431;
381/380, 381; 455/90.3; D29/122,
D29/120.1; D13/162, 165, 168, 171;
D18/50

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D306,853 S * 3/1990 Mayo et al. D13/168
D317,137 S * 5/1991 Kulikowski et al. D10/108

(Continued)

FOREIGN PATENT DOCUMENTS

JP D1343042 S 10/2008
JP D1343043 S 10/2008

Primary Examiner — Paula Greene

(74) *Attorney, Agent, or Firm* — Rader, Fishman & Grauer PLLC

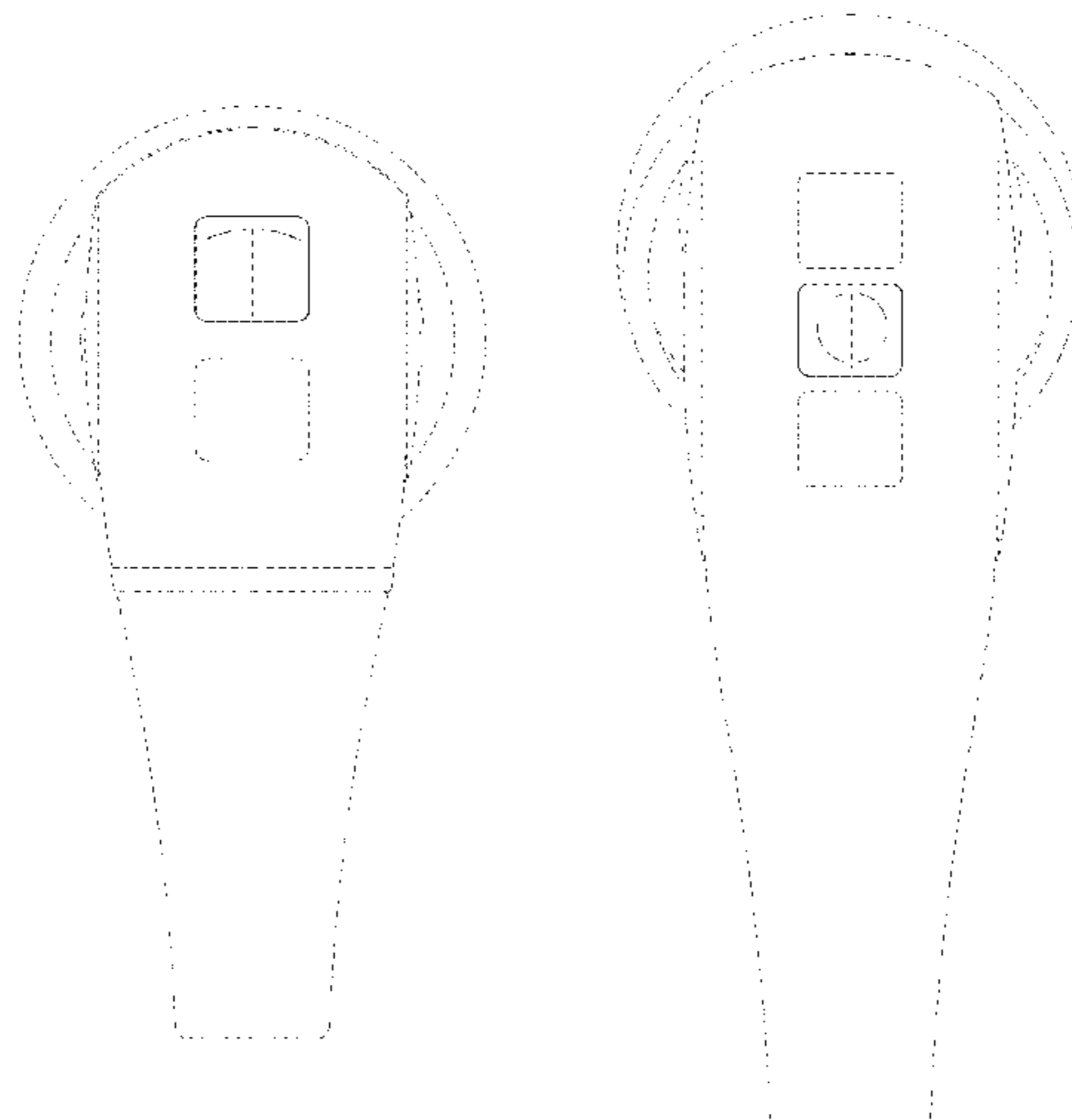
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a rear, left perspective view of a first embodiment of an earphone showing our new design; FIG. 2 is a rear elevational view thereof; FIG. 3 is a left side elevational view thereof; FIG. 4 is a right side elevational view thereof; and FIG. 5 is a top plan view thereof. FIG. 6 is a rear, left perspective view of a second embodiment of an earphone showing our new design; FIG. 7 is a rear elevational view thereof; FIG. 8 is a left side elevational view thereof; FIG. 9 is a right side elevational view thereof; FIG. 10 is a top plan view thereof; and FIG. 11 is a bottom plan view thereof. FIG. 12 is a rear, left perspective view of a third embodiment of an earphone showing our new design; FIG. 13 is a rear elevational view thereof; FIG. 14 is a left side elevational view thereof; FIG. 15 is a right side elevational view thereof; and FIG. 16 is a top plan view thereof. The portions indicated in broken lines are for illustrative purposes only and form no part of the claimed design.

1 Claim, 15 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,046,618	A *	9/1991	Wood	206/532	D577,713	S *	9/2008	Kim et al.	D14/218
5,222,151	A	6/1993	Nagayoshi et al.		D583,378	S *	12/2008	Bradford et al.	D14/407
D373,998	S *	9/1996	Tutt et al.	D13/168	D583,778	S *	12/2008	Ohlert et al.	D13/174
D376,114	S *	12/1996	Seki et al.	D10/104.1	D584,244	S *	1/2009	Ohlert et al.	D13/174
D384,958	S	10/1997	Shudo		D585,876	S *	2/2009	Griffin	D14/218
D389,151	S *	1/1998	Shintani	D14/218	D587,247	S	2/2009	Densho	
D423,846	S	5/2000	Roth et al.		D587,677	S	3/2009	Andre et al.	
6,122,369	A	9/2000	Hwang et al.		D587,681	S	3/2009	Yanai	
D431,553	S	10/2000	Suzuki		D589,491	S	3/2009	Andre et al.	
D434,012	S *	11/2000	Krieser, Sr.	D13/168	D590,371	S	4/2009	Leinvuo	
D451,482	S *	12/2001	Vanderheiden et al.	D13/162	D590,814	S *	4/2009	Bradford	D14/223
6,411,722	B1	6/2002	Wolf		D591,722	S	5/2009	Densho	
6,668,064	B1	12/2003	Lin		D595,272	S *	6/2009	Kim et al.	D14/223
6,731,772	B1	5/2004	Byun		D596,166	S *	7/2009	Henning	D14/223
D533,863	S *	12/2006	Yamaji	D14/167	D596,616	S	7/2009	Andre et al.	
D533,868	S	12/2006	Koizumi		D599,330	S	9/2009	Andre et al.	
D542,782	S	5/2007	Pena Angarita		D602,466	S *	10/2009	Hibino et al.	D14/203.3
D550,297	S *	9/2007	Luciano et al.	D21/385	D602,919	S *	10/2009	Bodley et al.	D14/225
D552,562	S *	10/2007	Yamamoto et al.	D13/168	D614,166	S *	4/2010	Brickstad	D14/205
D553,583	S *	10/2007	Xu	D13/164	D614,171	S *	4/2010	Son et al.	D14/218
D553,613	S *	10/2007	Sade et al.	D14/223	D617,779	S *	6/2010	Nylen	D14/223
D556,210	S *	11/2007	Choi et al.	D14/496	D627,765	S	11/2010	Zheng	
D566,692	S *	4/2008	Sade et al.	D14/223	D631,037	S *	1/2011	Park et al.	D14/223
D568,291	S	5/2008	Andre et al.		D637,181	S *	5/2011	Fuller et al.	D14/223
D569,289	S *	5/2008	Bender	D10/104.1	D639,279	S	6/2011	Andre et al.	
D573,957	S *	7/2008	Ledbetter et al.	D13/168	D641,738	S	7/2011	Perez	
D575,276	S *	8/2008	Bradford et al.	D14/223	D656,481	S	3/2012	McManigal	
D576,609	S *	9/2008	Bradford et al.	D14/223	D656,492	S	3/2012	Huang	
					D664,522	S *	7/2012	Chen	D14/223
					D670,274	S *	11/2012	Katsumata et al.	D14/223

* cited by examiner

FIG. 1

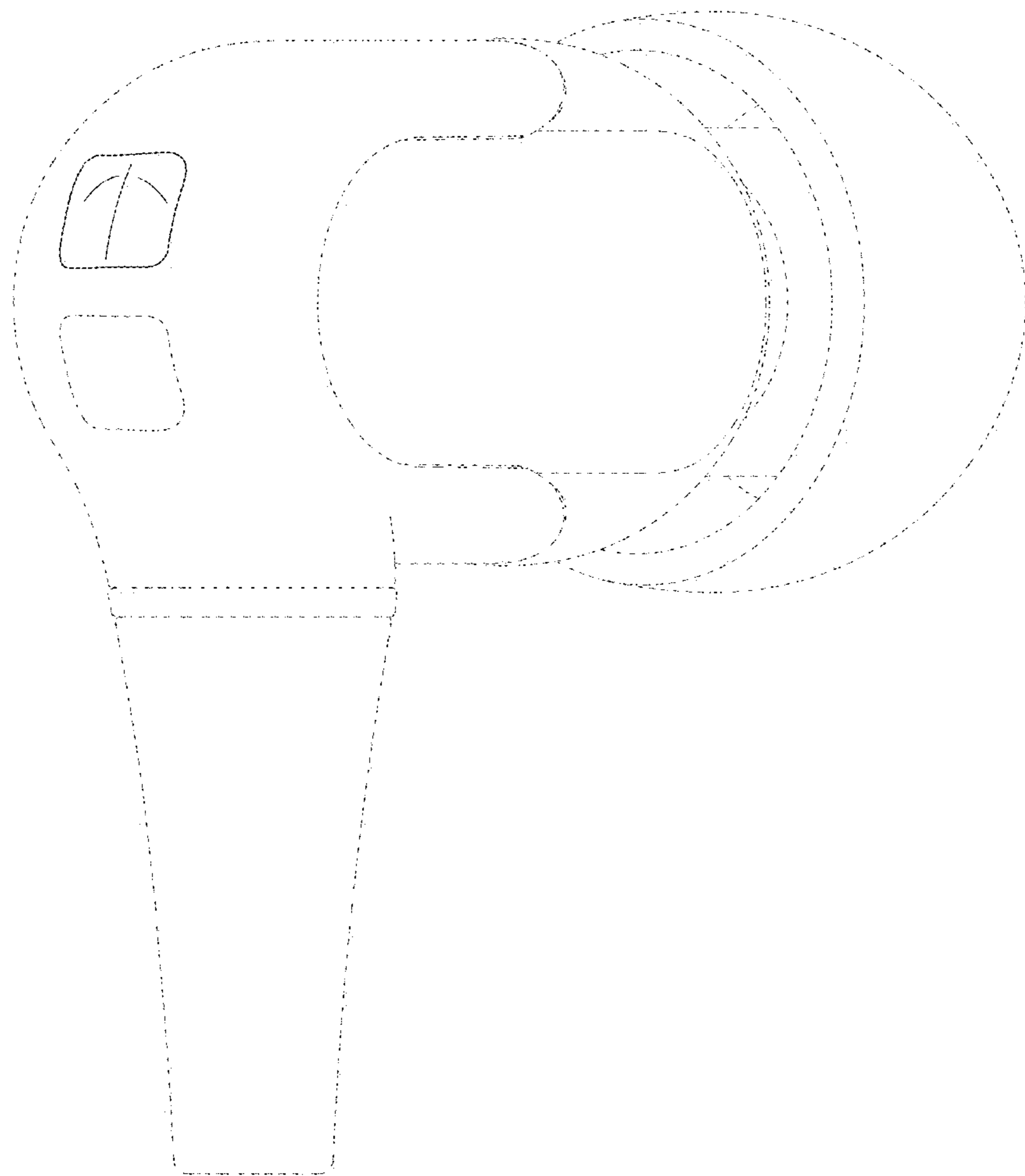


FIG.2

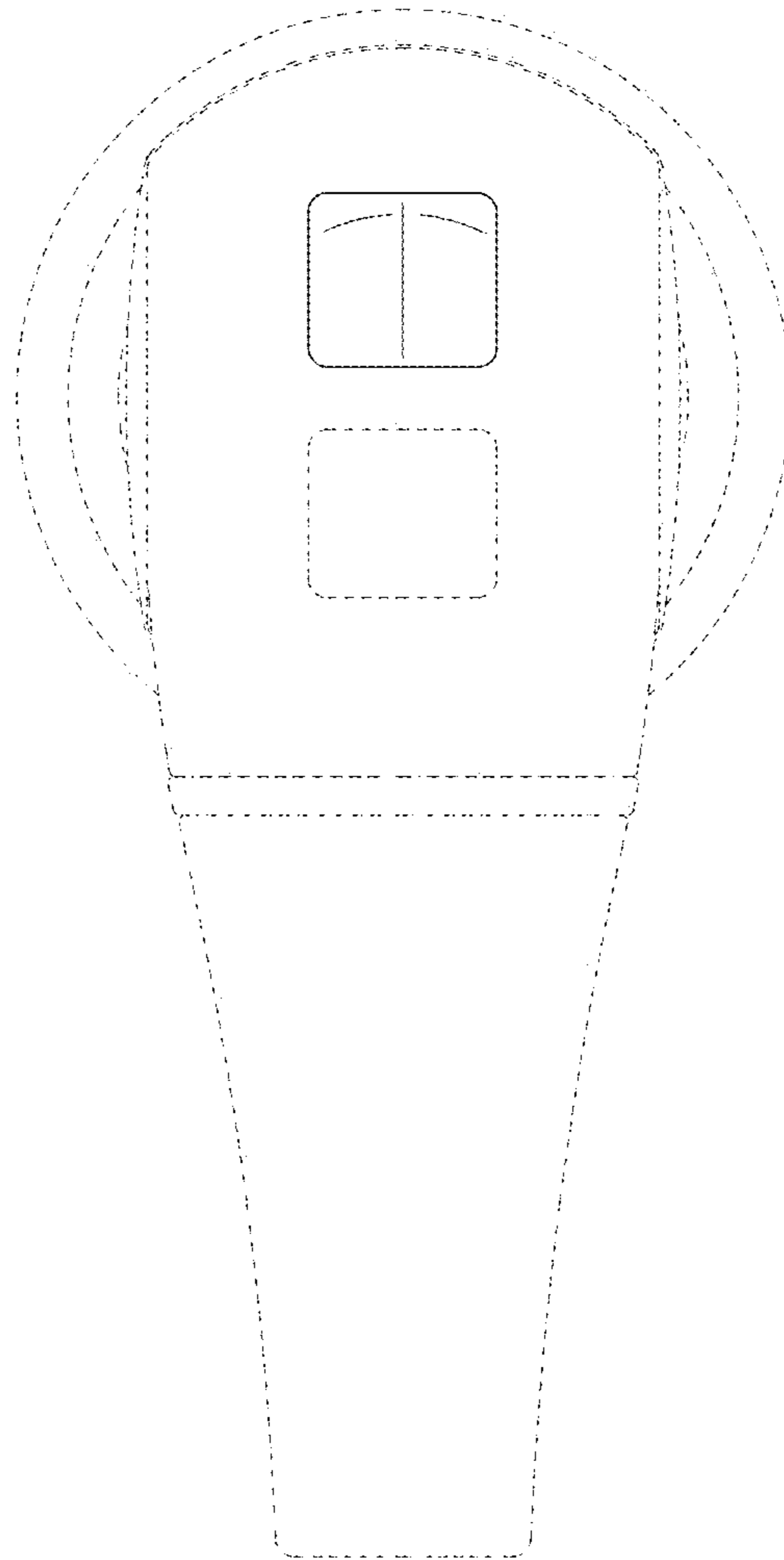


FIG.3

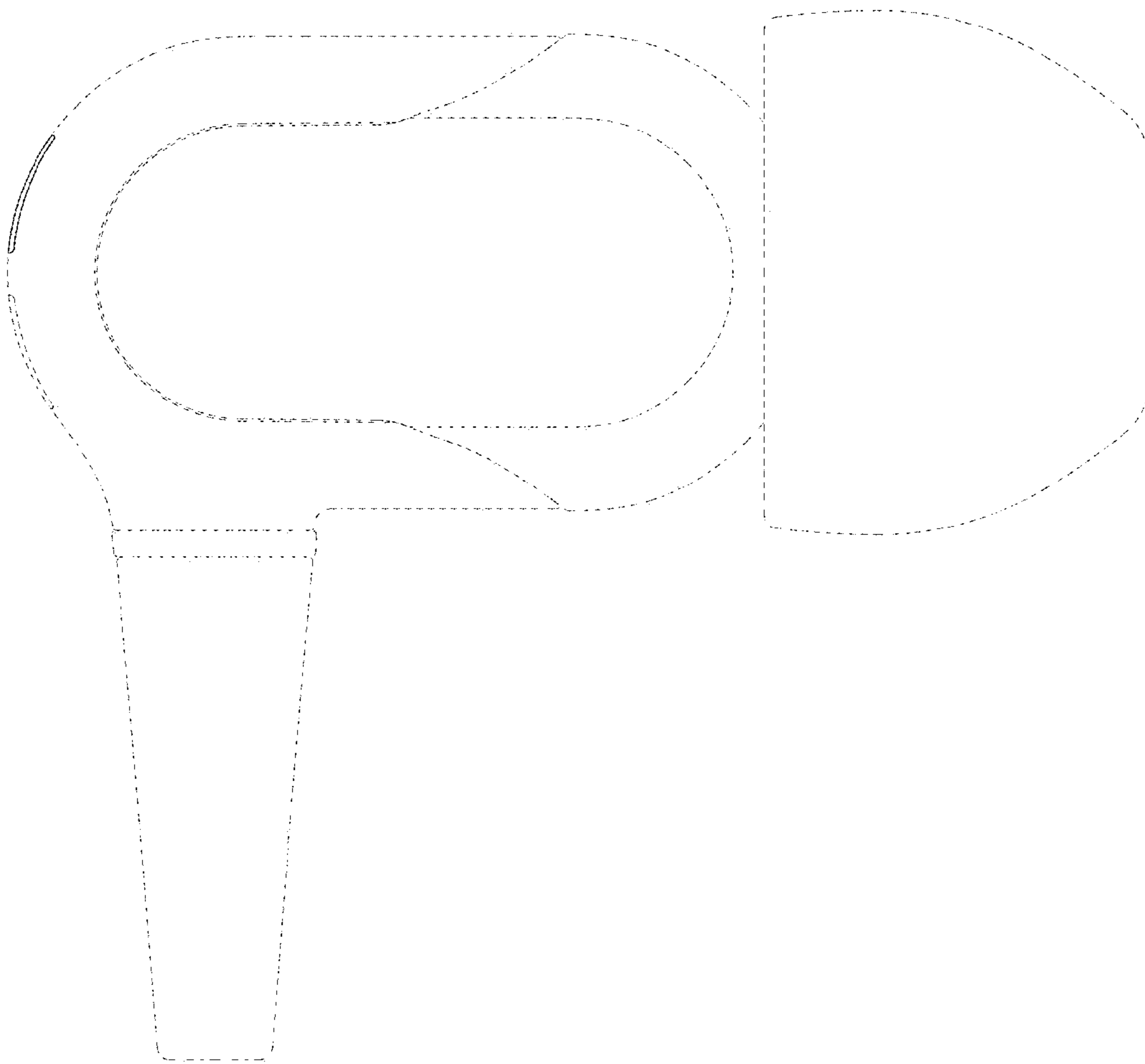


FIG.4

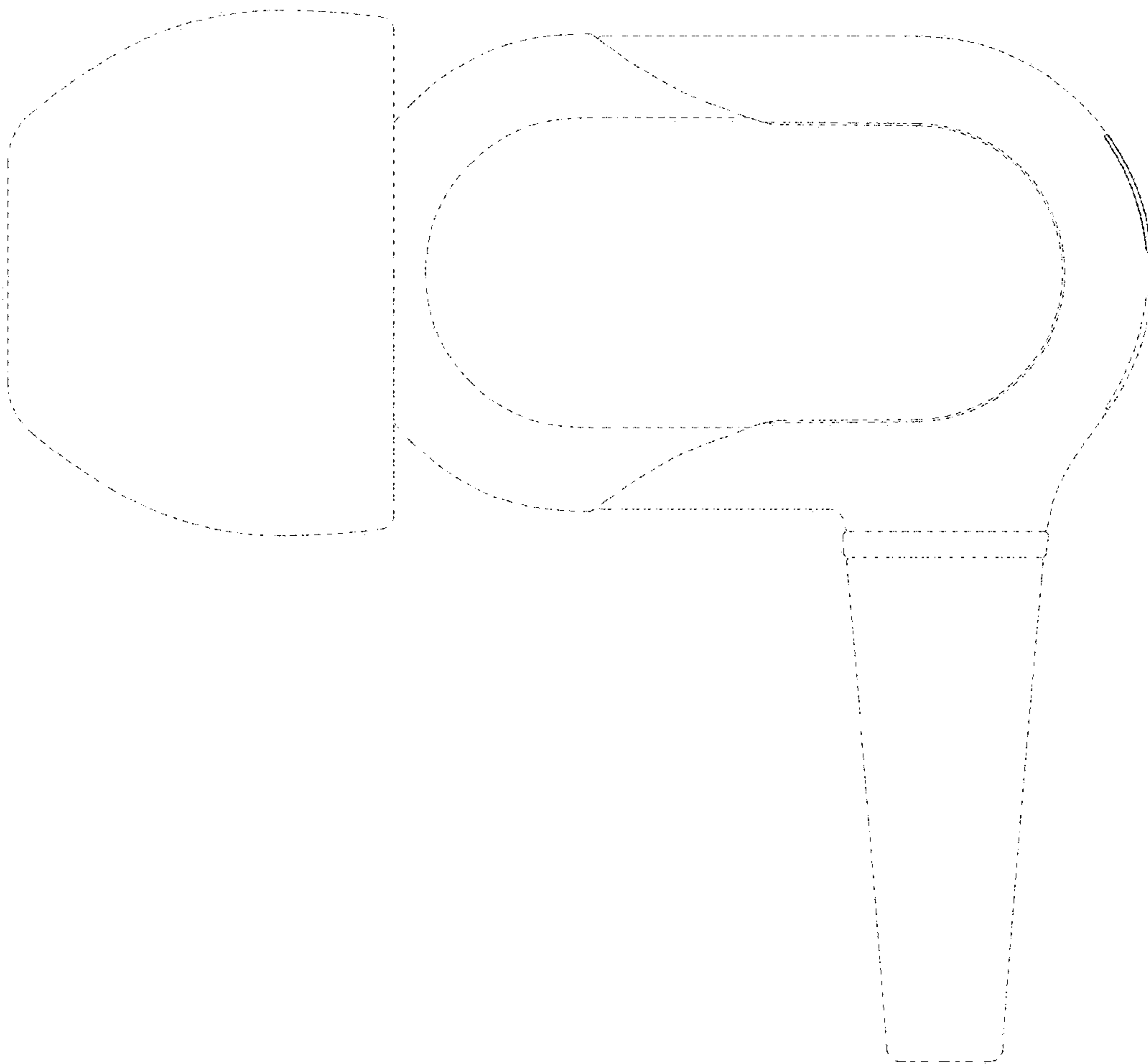


FIG.5

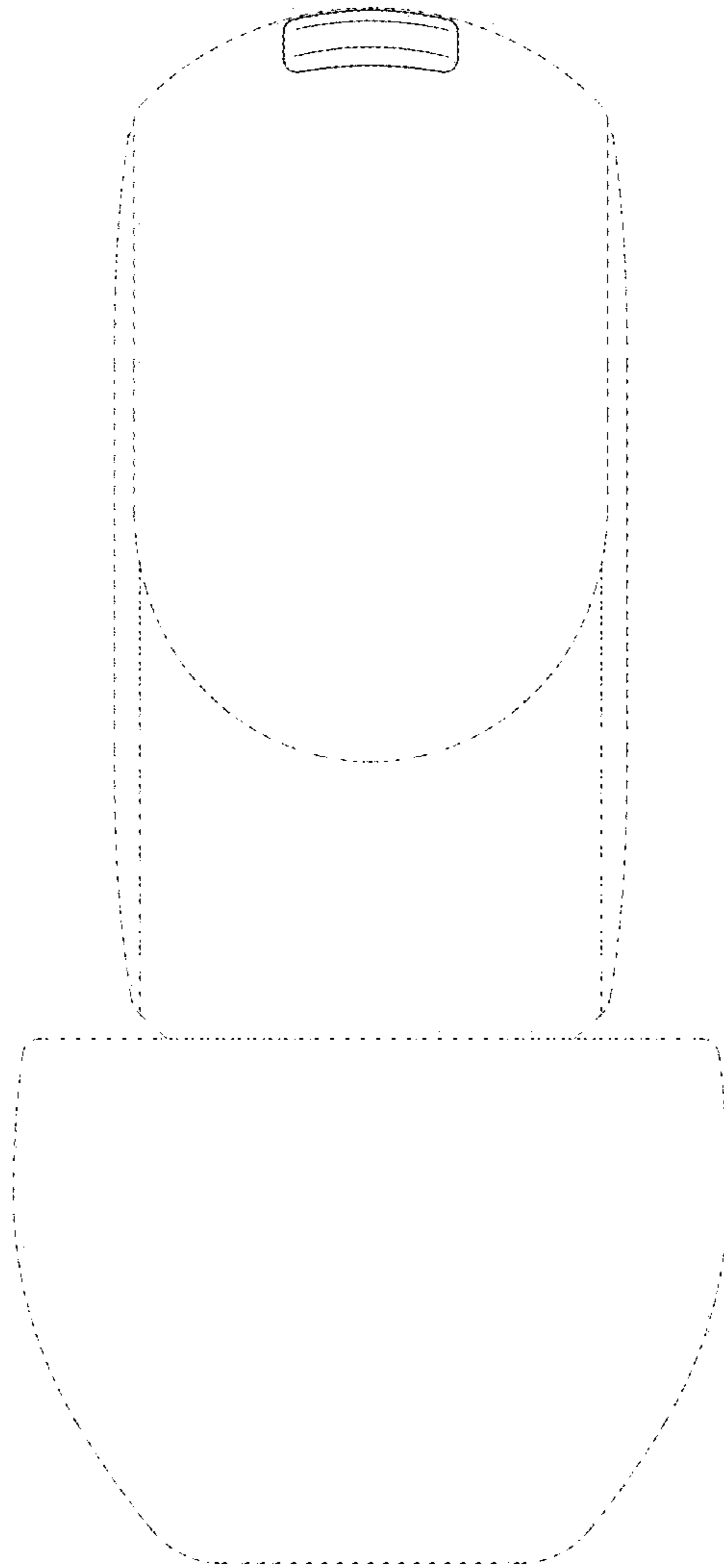


FIG.6

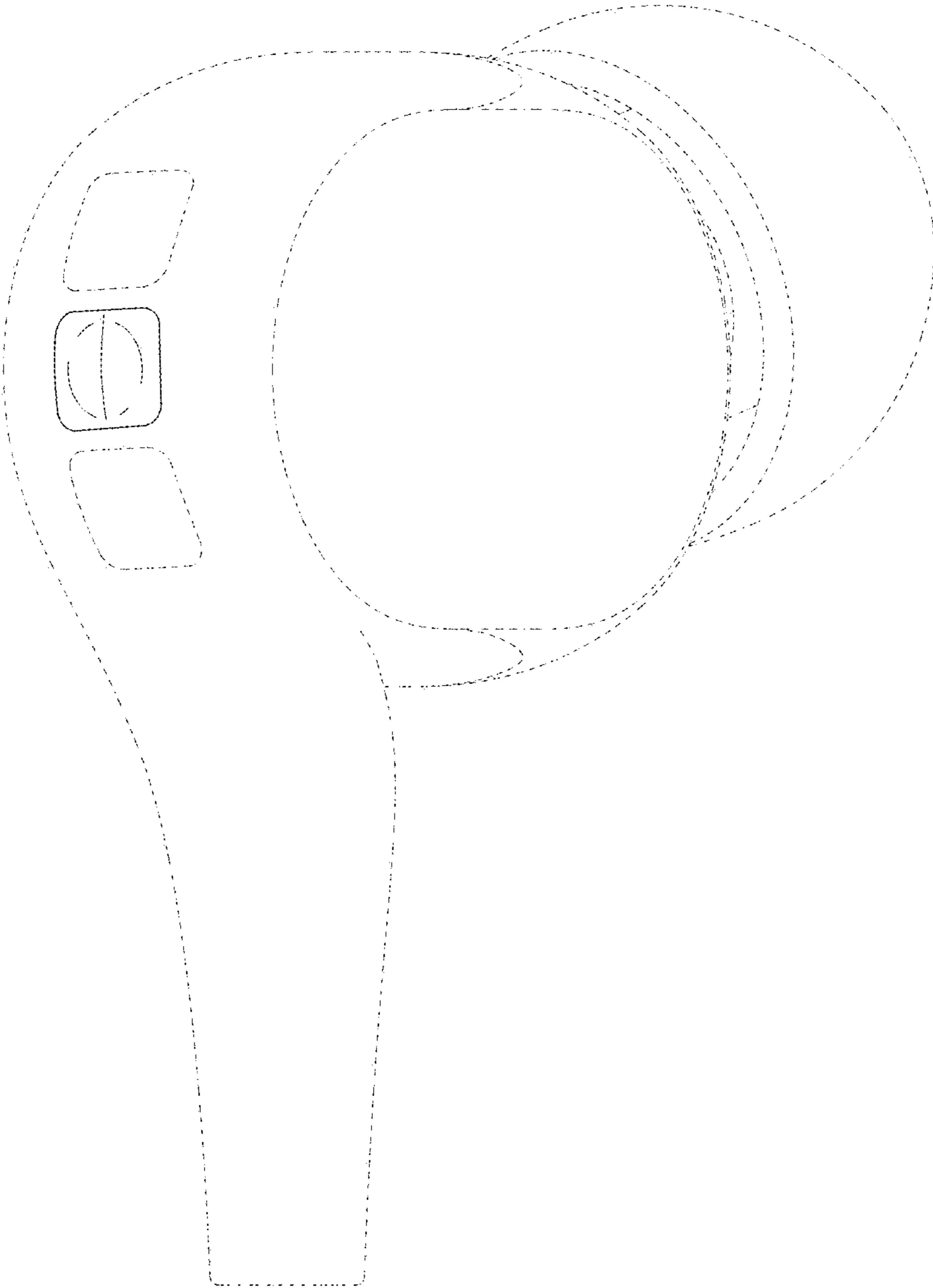


FIG.7

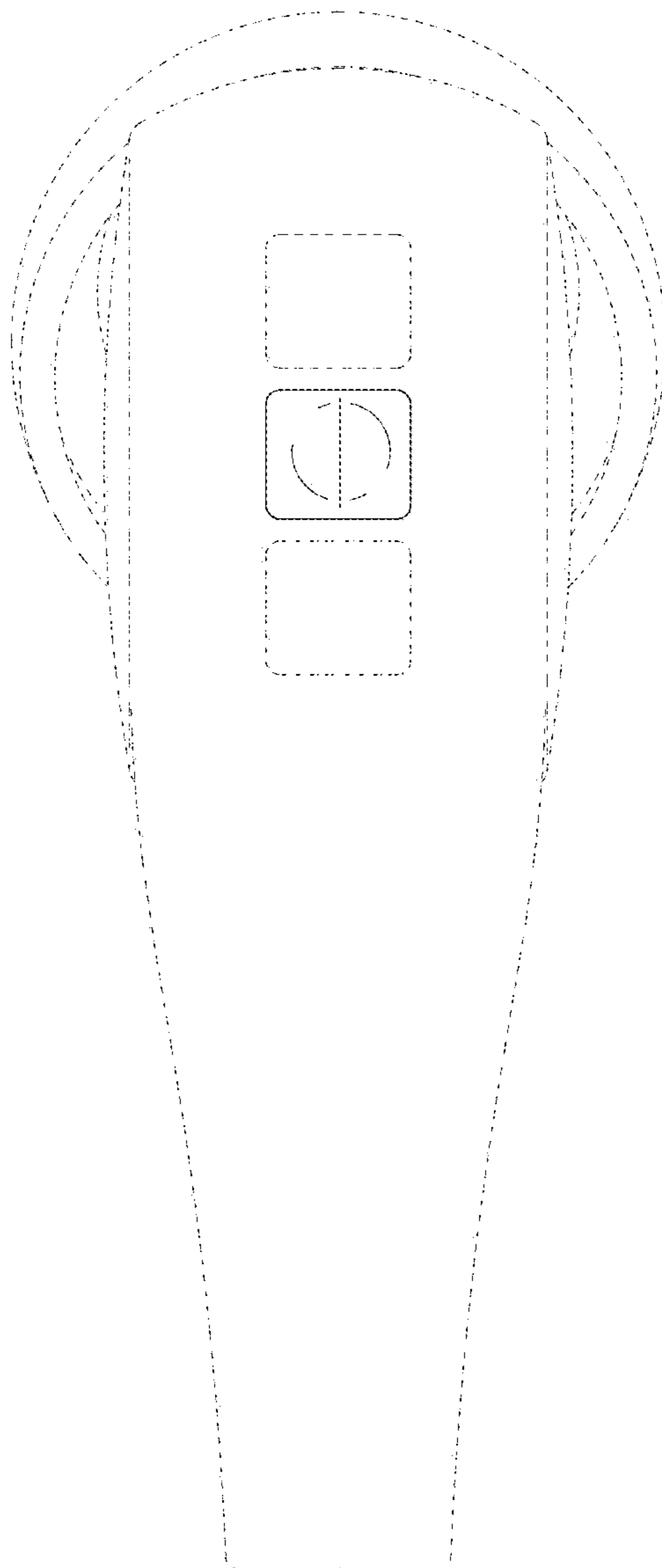


FIG.8

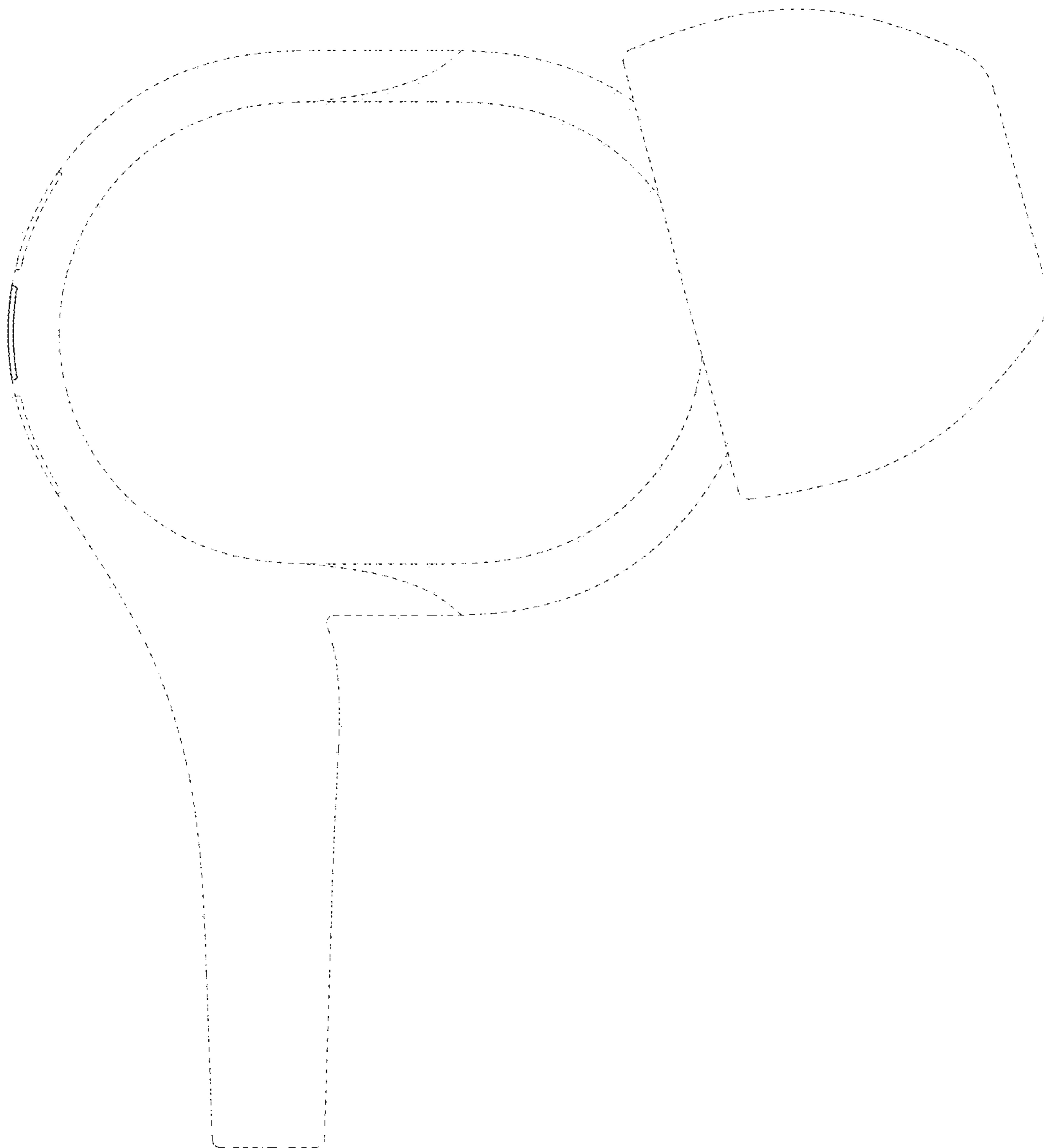


FIG.9

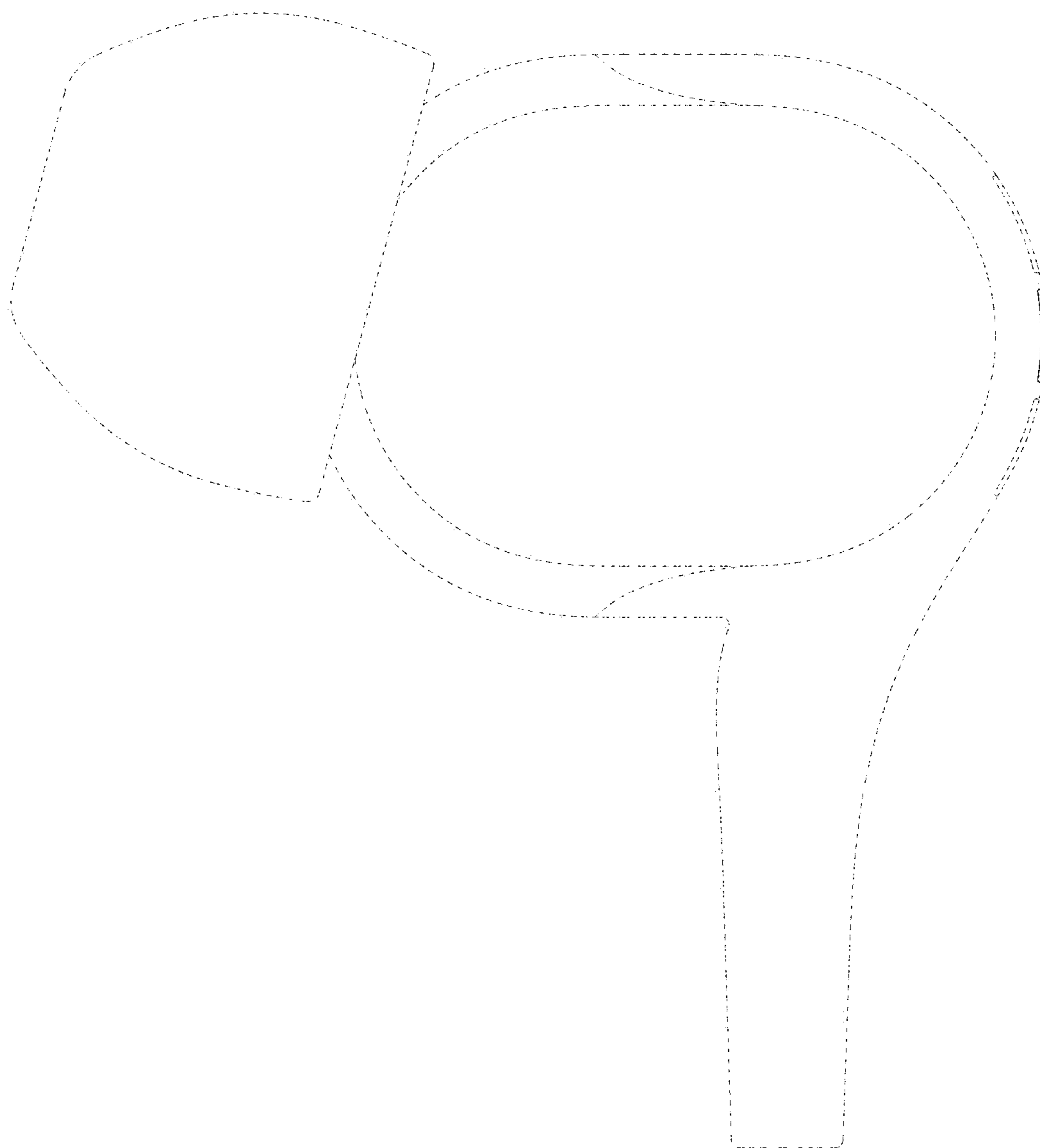


FIG.10

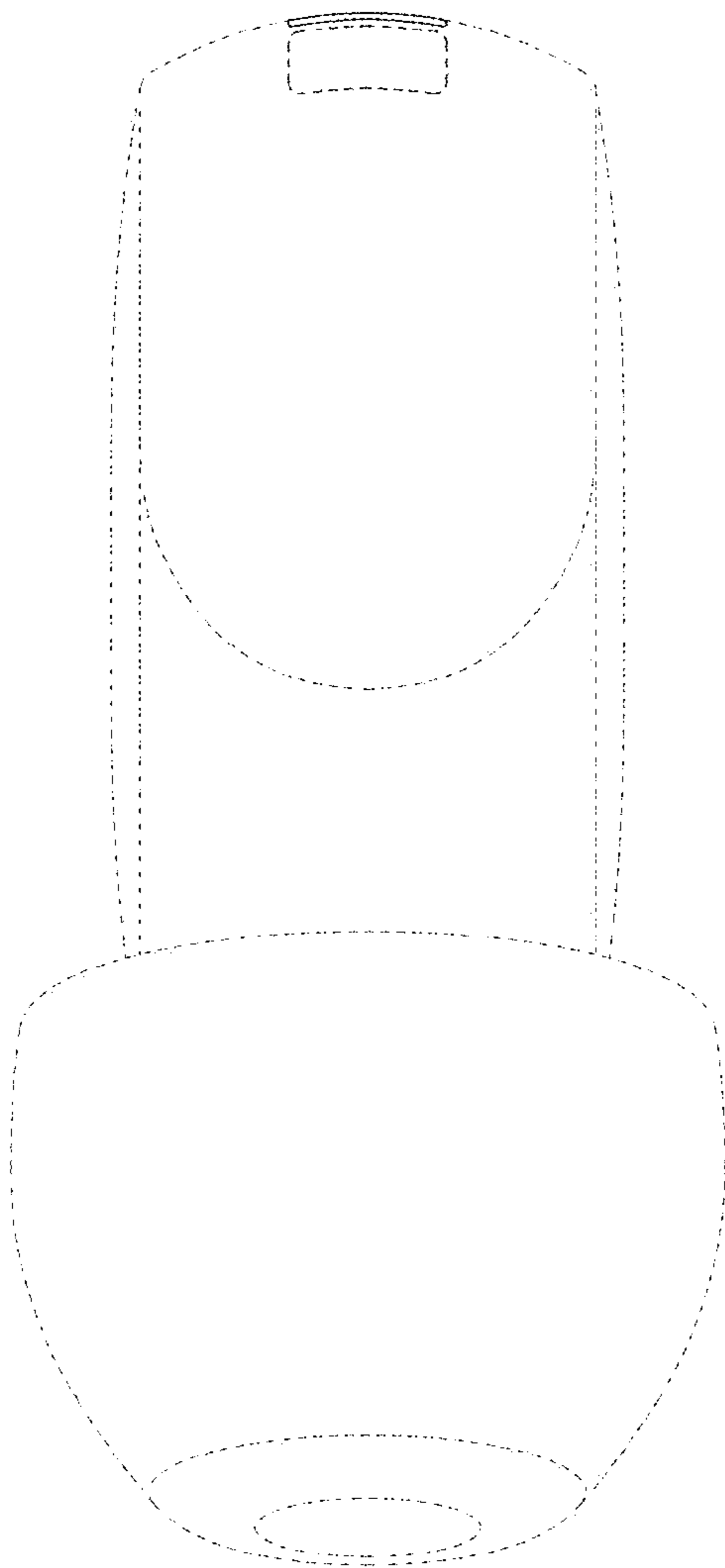


FIG.11

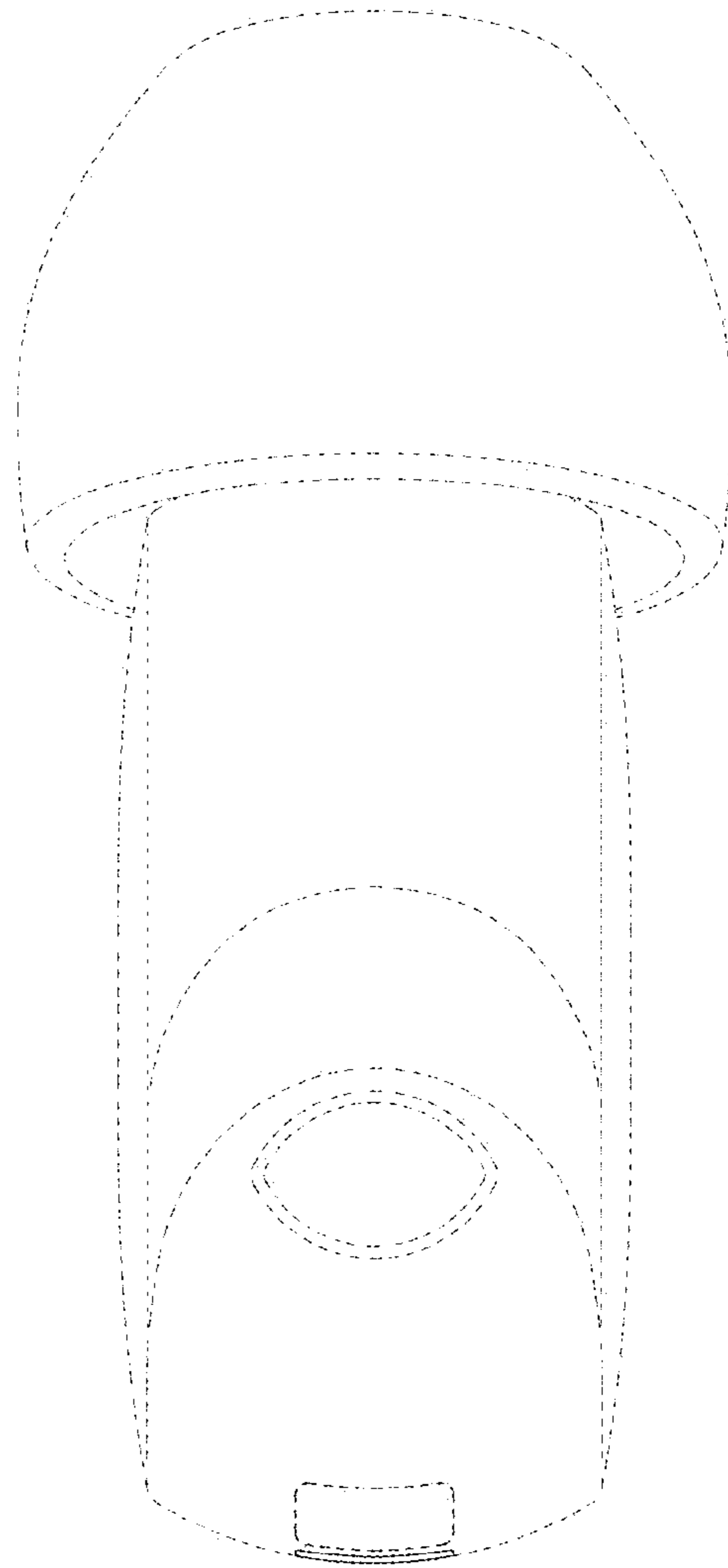


FIG. 12

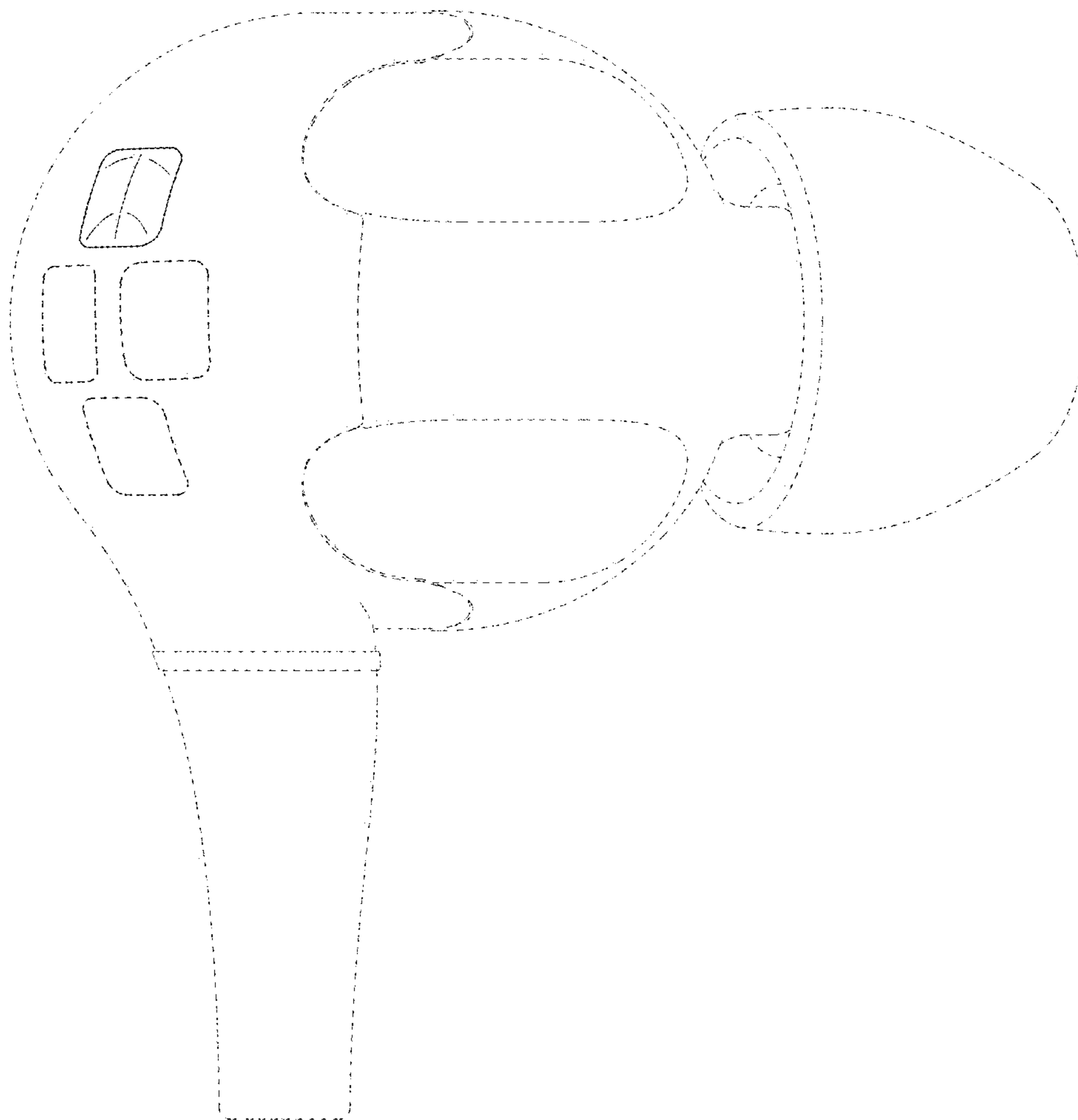


FIG. 13

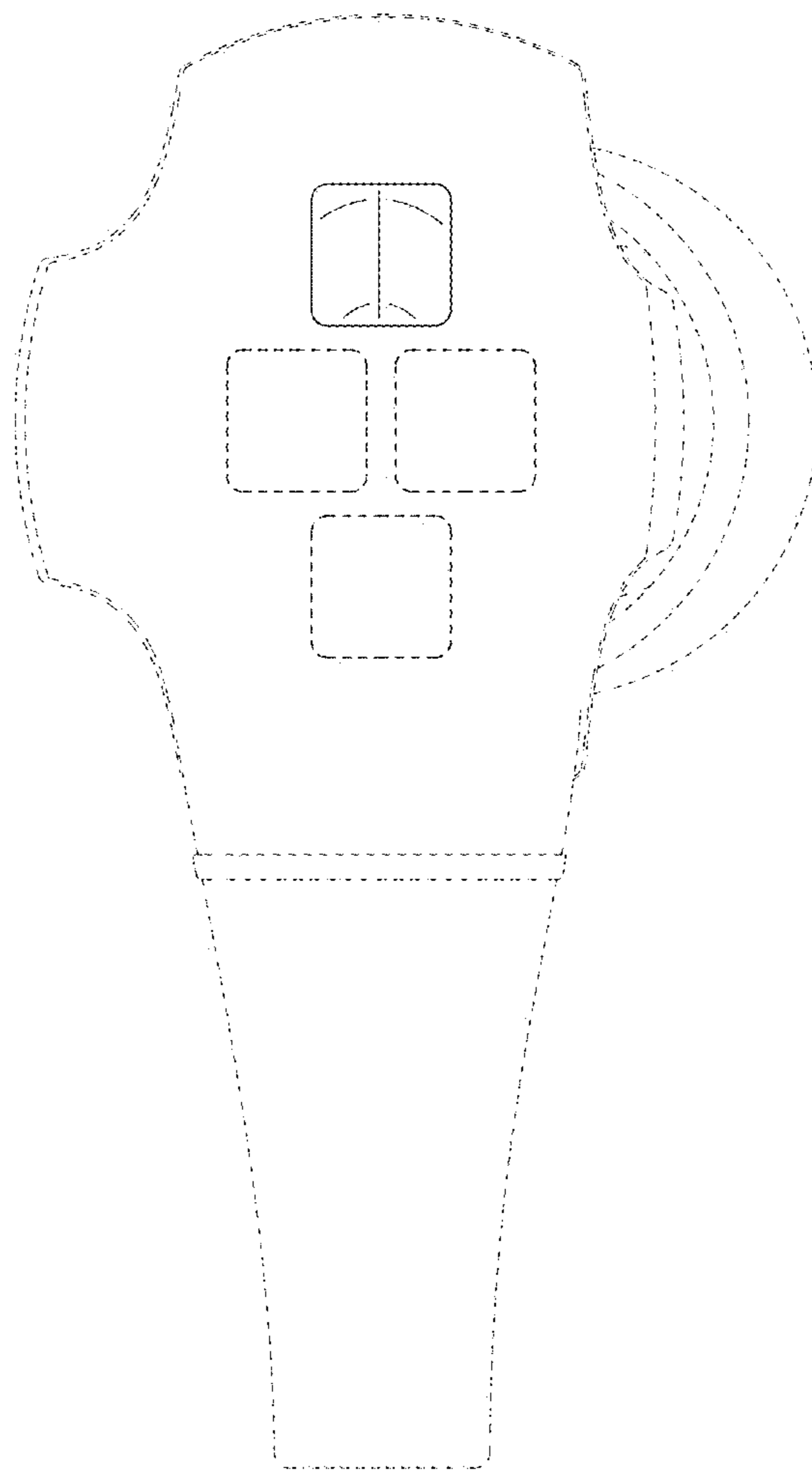


FIG.14

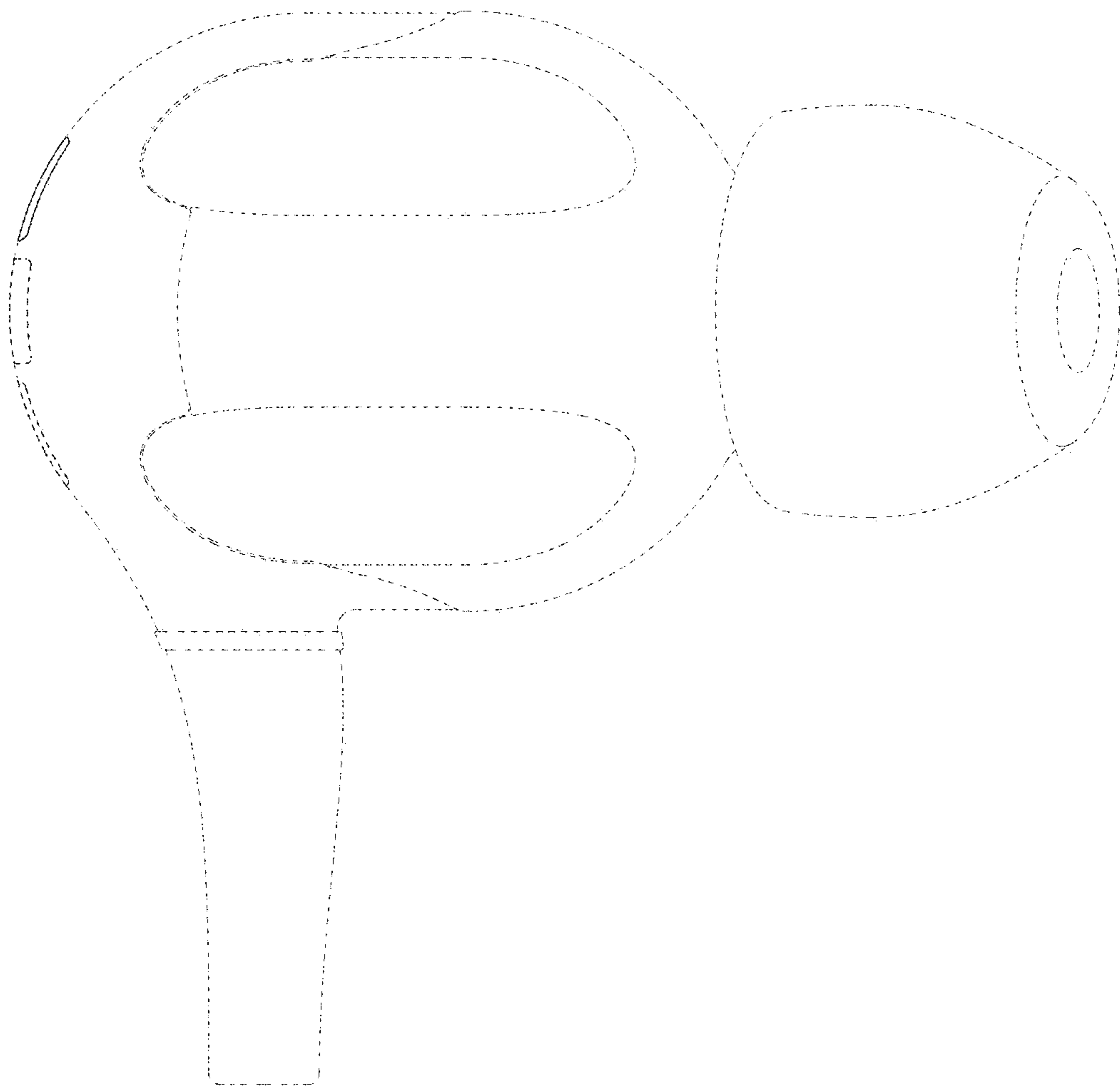


FIG.15

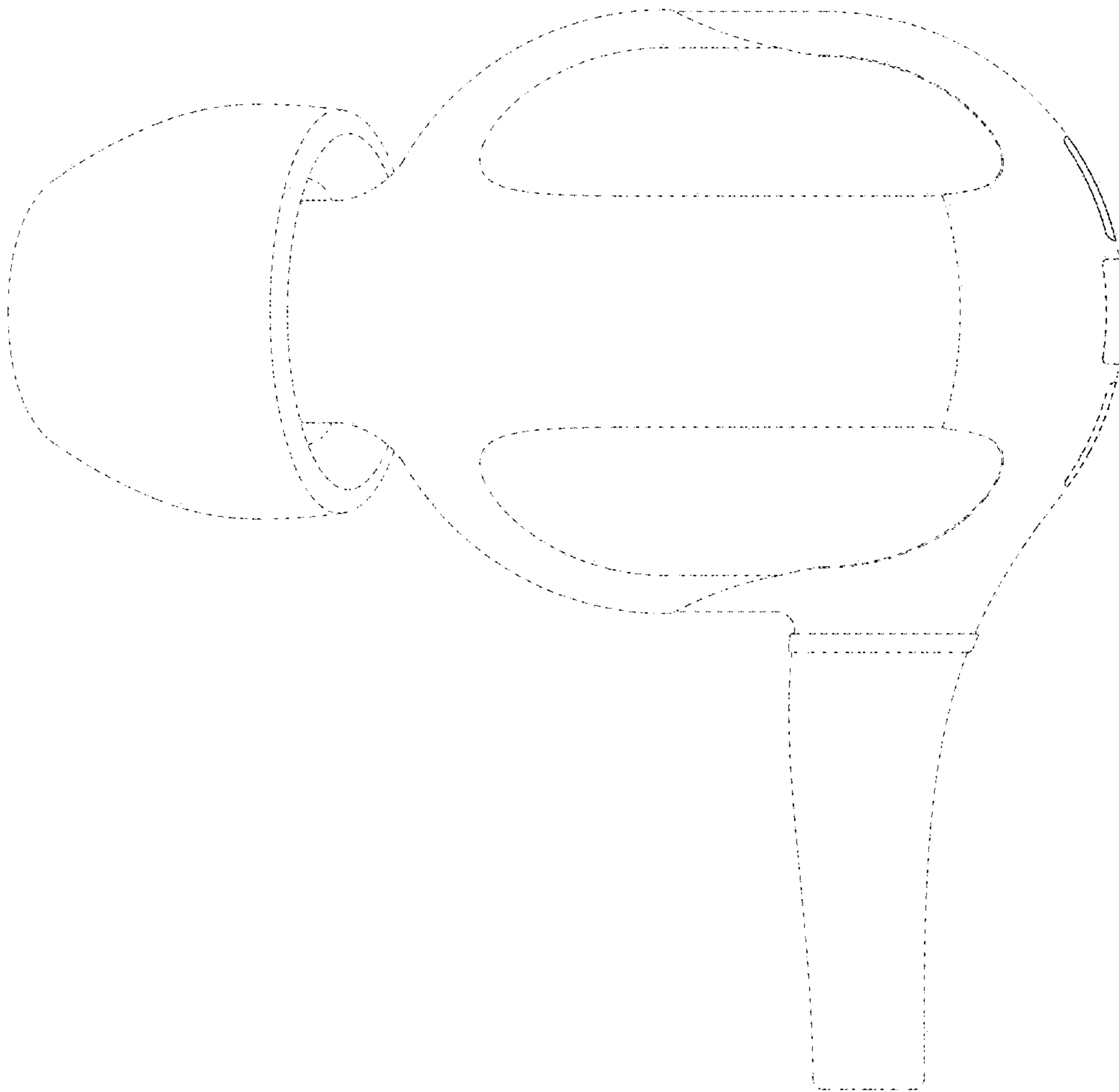


FIG. 16

