

US00D766581S

(12) **United States Design Patent** (10) **Patent No.:** **US D766,581 S**
Bloch et al. (45) **Date of Patent:** **** Sep. 20, 2016**

(54) **ELECTRIC TOOTHBRUSH HANDLE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **COLGATE-PALMOLIVE COMPANY**, Piscataway, NJ (US)

CA 2145065 11/2002
CA 2727682 5/2003

(Continued)

(72) Inventors: **Brian Bloch**, Hillsborough, NJ (US);
Lars Ralf Rainer Lieberwirth,
Glashuetten (DE)

OTHER PUBLICATIONS

(73) Assignee: **COLGATE-PALMOLIVE COMPANY**, New York, NY (US)

CN 300890336 Registered Design, (Huang Bazi) Mar. 4, 2009, [online], [retrieved on Nov. 6, 2015] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: http://www.orbit.com>.*

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

Primary Examiner — Lisa A Grabenstetter

(21) Appl. No.: **29/477,152**

(57) **CLAIM**

The ornamental design for an electric toothbrush handle, as shown and described.

(22) Filed: **Dec. 19, 2013**

DESCRIPTION

(51) **LOC (10) Cl.** **04-02**

(52) **U.S. Cl.**
USPC **D4/101**

(58) **Field of Classification Search**

USPC D4/101, 104-112, 138; 15/143.1, 145,
15/167.1, 167.2; D8/61; 81/57.11-57.14,
81/57.31, 57.42

CPC A61C 17/16; A61C 17/20; A61C 17/22;
A61C 17/221; A61C 17/222; A61C 17/225;
A61C 17/24; A61C 17/26; A61C 17/32;
A61C 17/34; A61C 17/3409; A61C 17/3418;
A61C 17/3427; A61C 17/3436; A61C
17/3454; A61C 17/3453; A61C 17/3472;
A61C 17/3481; A61C 17/40; A46B
2200/1066

See application file for complete search history.

FIG. 1 is a front perspective view of a first embodiment of an electric toothbrush handle showing our new design; FIG. 2 is a rear 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; FIG. 8 is a bottom plan view thereof; FIG. 9 is a front perspective view of a second embodiment of an electric toothbrush handle showing our new design; FIG. 10 is a rear perspective view thereof; FIG. 11 is a front view thereof; FIG. 12 is a rear view thereof; FIG. 13 is a right side view thereof; FIG. 14 is a left side view thereof; FIG. 15 is a top plan view thereof; and, FIG. 16 is a bottom plan view thereof.

The broken lines and the areas within the broken lines shown on the top and bottom of the article in FIGS. 1-16 illustrate portions of the electric toothbrush handle that form no part of the claimed design while the broken lines and the areas within the broken lines shown on front and rear of the article in FIGS. 9-16 illustrate portions of the electric toothbrush handle that form no part of the claimed design.

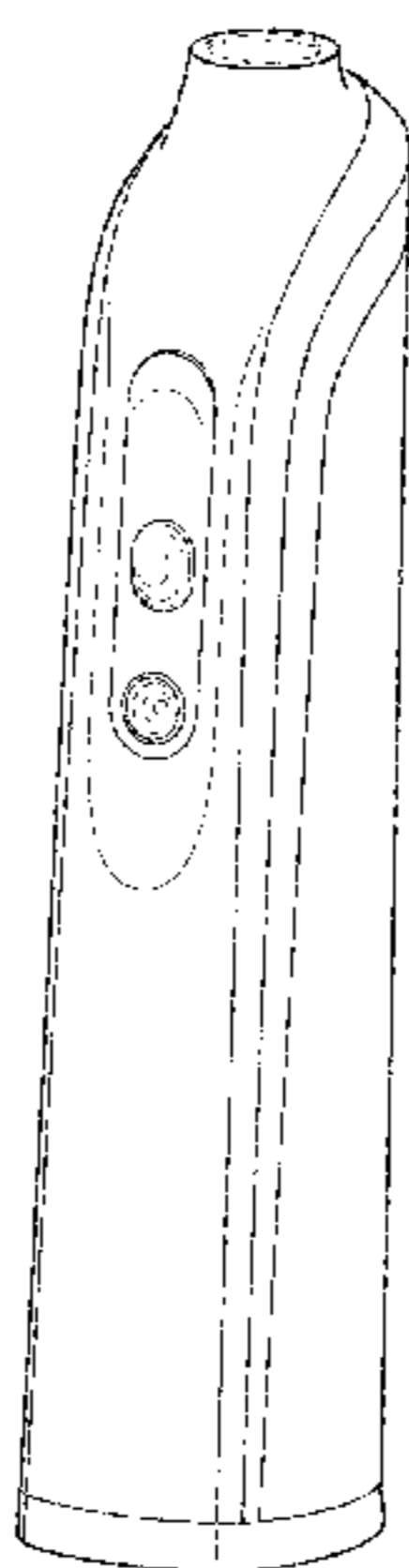
(56) **References Cited**

U.S. PATENT DOCUMENTS

4,277,862 A 7/1981 Weideman
D353,490 S 12/1994 Hartwein

(Continued)

1 Claim, 8 Drawing Sheets



(56)		References Cited		CA	D106401	6/2004
		U.S. PATENT DOCUMENTS		CA	2644300	11/2004
5,448,792	A	9/1995	Wiedemann et al.	CA	D103743	1/2005
5,453,644	A	9/1995	Yap et al.	CA	2 221796	5/2005
5,577,285	A	11/1996	Drossler	CA	2374479	12/2005
5,778,474	A	7/1998	Shek	CA	D111559	7/2006
D411,769	S	7/1999	Wright	CA	2199970	5/2007
6,000,083	A	12/1999	Blaustein et al.	CA	2634392	6/2007
6,151,745	A	11/2000	Roberts et al.	CA	2649473	11/2007
D436,254	S *	1/2001	Kling et al. D4/101	CA	2803801	8/2008
6,189,693	B1	2/2001	Blaustein et al.	CA	2550728	10/2008
6,311,358	B1	11/2001	Soetewey et al.	CA	2465486	1/2009
D458,029	S	6/2002	Li	CA	2465488	1/2009
D470,660	S	2/2003	Schaber	CA	D121892	1/2009
6,574,820	B1	6/2003	DePuydt et al.	CA	D121894	1/2009
D480,563	S	10/2003	Hensel	CA	2532727	2/2009
D487,349	S	3/2004	Julian	CA	2494755	5/2009
6,725,490	B2	4/2004	Blaustein et al.	CA	2523180	7/2009
D500,208	S	12/2004	Vu	CA	2462435	10/2009
D503,852	S	4/2005	Hensel	CA	2477314	10/2009
6,886,207	B1	5/2005	Solanki	CA	2591699	11/2009
D510,662	S	10/2005	Kling et al.	CA	2742912	5/2010
6,952,854	B2	10/2005	Blaustein et al.	CA	2755997	9/2010
6,988,777	B2	1/2006	Pfenniger et al.	CA	2760067	10/2010
D527,903	S	9/2006	Chan	CA	2766373	12/2010
7,124,461	B2	10/2006	Blaustein et al.	CA	2497733	2/2011
D534,725	S	1/2007	Vu	CA	2465902	5/2011
D536,876	S	2/2007	Chan et al.	CA	2579039	5/2011
7,197,784	B2	4/2007	Wong	CA	2589607	5/2011
D547,051	S	7/2007	Kirk, III et al.	CA	2644304	6/2011
7,269,872	B2	9/2007	Fattori et al.	CA	2781242	6/2011
D563,106	S	3/2008	Chan et al.	CA	2781245	6/2011
D577,198	S	9/2008	Jimenez et al.	CA	2518405	7/2011
7,451,514	B2	11/2008	Blaustein et al.	CA	D140845	1/2012
7,458,647	B2	12/2008	Fischer et al.	CA	D140847	1/2012
D611,712	S	3/2010	Stoerckel et al.	CA	D142396	1/2012
7,707,676	B2	5/2010	Solanki	CA	2479945	8/2012
D625,104	S	10/2010	Winkler	CA	2521848	8/2012
D625,105	S	10/2010	Winkler	CA	2514911	11/2012
D632,894	S	2/2011	Shigeno et al.	CA	2781418	12/2012
7,941,886	B2	5/2011	Chenvainu et al.	CA	D135253	12/2012
7,975,344	B2	7/2011	Braun et al.	CA	2548425	1/2013
7,992,244	B2	8/2011	Prineppi	CA	2549461	2/2013
8,060,970	B2	11/2011	Solanki	CA	2759094	4/2013
D651,805	S	1/2012	Hay et al.	CN	1424001	6/2003
D653,035	S	1/2012	Gebski	CN	2636836	9/2004
8,234,742	B2	8/2012	Blaustein et al.	CN	1548011	11/2004
D669,687	S	10/2012	Heil et al.	CN	2652351	11/2004
8,332,982	B2	12/2012	Braun et al.	CN	1568901	1/2005
8,332,985	B2	12/2012	Solanki	CN	201042465	4/2008
D673,775	S	1/2013	Jimenez et al.	CN	300909803	4/2009
D676,662	S	2/2013	Jimenez et al.	CN	300966813	7/2009
8,370,984	B2	2/2013	Farrell et al.	CN	201370645	12/2009
8,418,301	B2	4/2013	Kressner	CN	301354565 S	9/2010
8,434,183	B2	5/2013	Fritsch et al.	CN	201727600	2/2011
8,468,634	B2	6/2013	Iwahori et al.	CN	201727601	2/2011
8,528,148	B2	9/2013	Brown, Jr. et al.	CN	301548727 S	5/2011
8,584,299	B2	11/2013	Chan et al.	CN	301555643 S	5/2011
2002/0084550	A1	7/2002	Roberts et al.	CN	201870760	6/2011
2003/0084524	A1	5/2003	Blaustein et al.	CN	202113181	1/2012
2004/0087882	A1	5/2004	Roberts et al.	EM	000037007-0001	10/2003
2004/0177458	A1	9/2004	Chan et al.	EM	000065255-0001	11/2003
2004/0200016	A1	10/2004	Chan et al.	EM	000065255-0002	11/2003
2005/0086753	A1	4/2005	Roberts et al.	EM	000065255-0003	11/2003
2006/0085931	A1	4/2006	Roberts et al.	EM	000101076-0001	2/2004
2007/0234496	A1	10/2007	Roberts et al.	EM	000101076-0002	2/2004
2010/0251493	A1	10/2010	Sale et al.	EM	000774484-0003	1/2008
2011/0047729	A1	3/2011	Iwahori et al.	EM	001127815-0001	6/2009
2011/0083288	A1	4/2011	Kressner	EM	001775412-0001	3/2012
2012/0036655	A1	2/2012	Fritsch et al.	EM	002078147-0001	7/2012
2012/0204365	A1	8/2012	Kressner	EM	002163675-0001	1/2013
2012/0246846	A1	10/2012	Hall	EM	002174730-0001	1/2013
		FOREIGN PATENT DOCUMENTS		EM	002174730-0002	1/2013
CA	2727867	5/2003		EP	0360766	3/1990
CA	D106400	6/2004		EP	0628291	12/1994
				EP	1093770	4/2001
				EP	2289463	3/2011
				EP	1776893	1/2013
				EP	1485039	2/2013

(56)

References Cited

FOREIGN PATENT DOCUMENTS

EP 1641602 3/2013
 EP 2092845 3/2013
 EP 2111181 3/2013
 EP 2441159 3/2013
 GB 395624 7/1933
 GB 2303855 3/1997
 JP D1401337 11/2010
 JP D1401559 11/2010
 RU 57329 S 8/2005
 RU 57797 S 9/2005
 RU 68516 S 12/2008
 RU 69783 S 4/2009
 RU 74165 S 3/2010
 RU 75350 S 7/2010
 RU 75625 S 7/2010
 WO WO 96/31171 10/1996
 WO WO 96/37164 11/1996
 WO WO 98/01083 1/1998
 WO WO 99/37181 7/1999
 WO WO 00/44259 8/2000
 WO WO 01/19281 3/2001
 WO WO 01/28452 4/2001
 WO WO 03/017861 3/2003
 WO WO 03/024353 3/2003
 WO WO 03/039393 5/2003
 WO WO 03/039396 5/2003
 WO WO 03/039397 5/2003

WO WO 03/055351 7/2003
 WO WO 03/075712 9/2003
 WO WO 2004/045448 6/2004
 WO WO 2004/056235 7/2004
 WO WO 2004/080330 9/2004
 WO WO 2004/091340 10/2004
 WO WO 2004/093719 11/2004
 WO WO 2005/009274 2/2005
 WO WO 2005/032398 4/2005
 WO WO 2005/063143 7/2005
 WO WO 2005/063144 7/2005
 WO WO 2005/115196 12/2005
 WO WO 2006/029235 3/2006
 WO WO 2006/063226 6/2006
 WO WO 2008/029377 3/2008
 WO DM/072792 12/2009
 WO WO 2010/023644 3/2010
 WO WO 2010/025820 3/2010
 WO WO 2010/051080 5/2010
 WO WO 2010/106522 9/2010
 WO WO 2010/113140 10/2010
 WO WO 2010/143166 12/2010
 WO WO 2010/151582 12/2010
 WO WO 2011/072865 6/2011
 WO WO 2011/077290 6/2011
 WO WO 2011/116935 9/2011
 WO WO 2012/030908 3/2012
 WO WO 2012/042493 4/2012
 WO WO 2013/021716 2/2013
 WO WO 2013132363 A1 * 9/2013 A47K 7/04

* cited by examiner

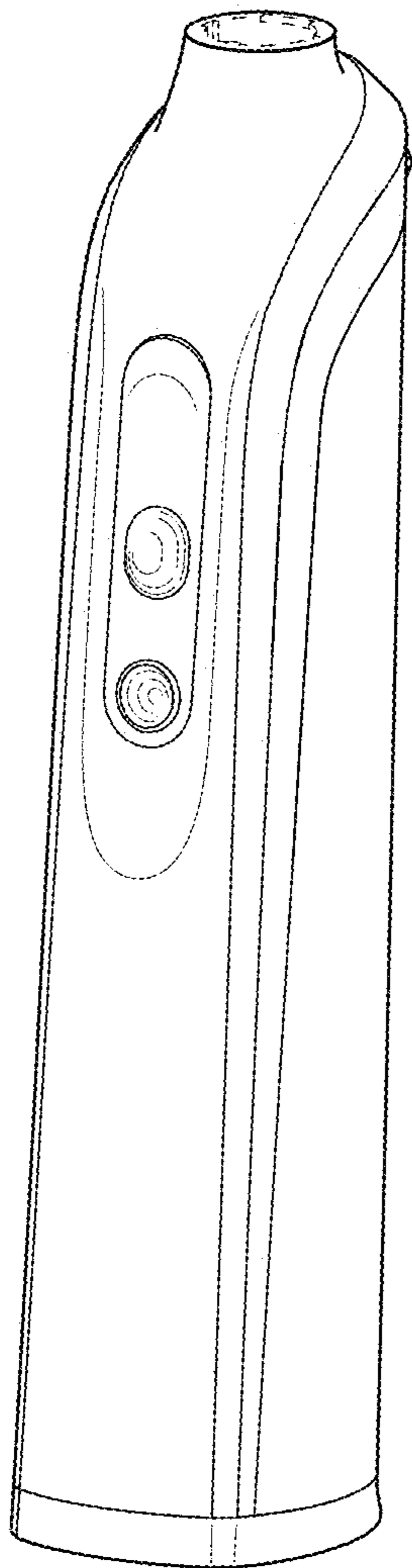


FIG. 1

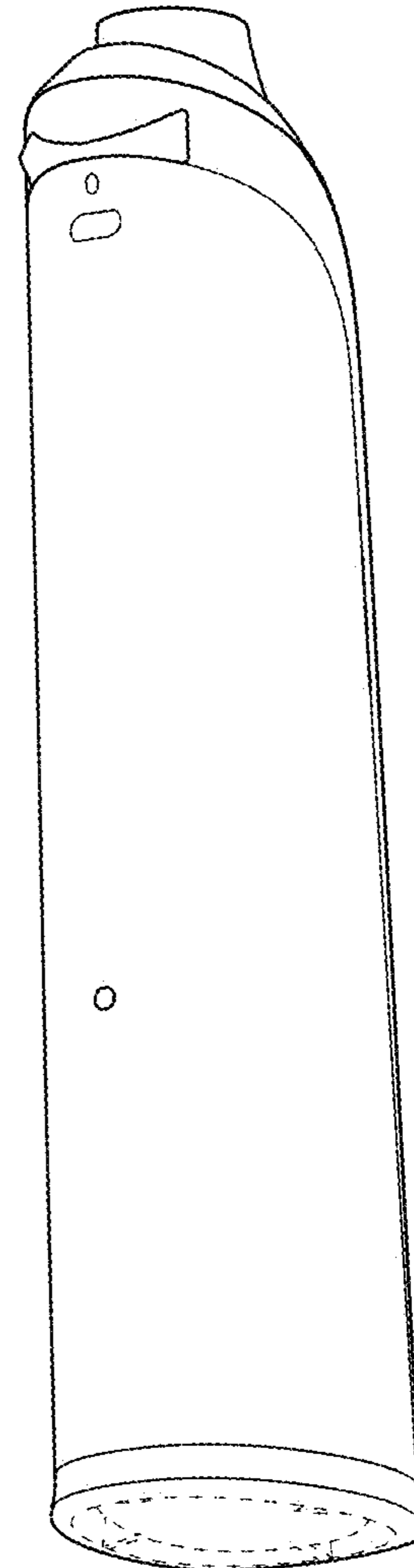


FIG. 2

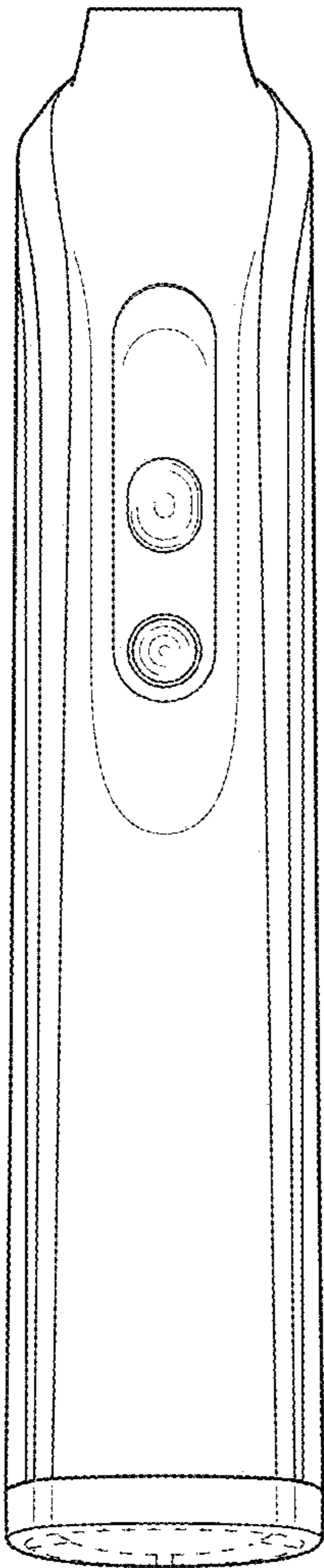


FIG. 3

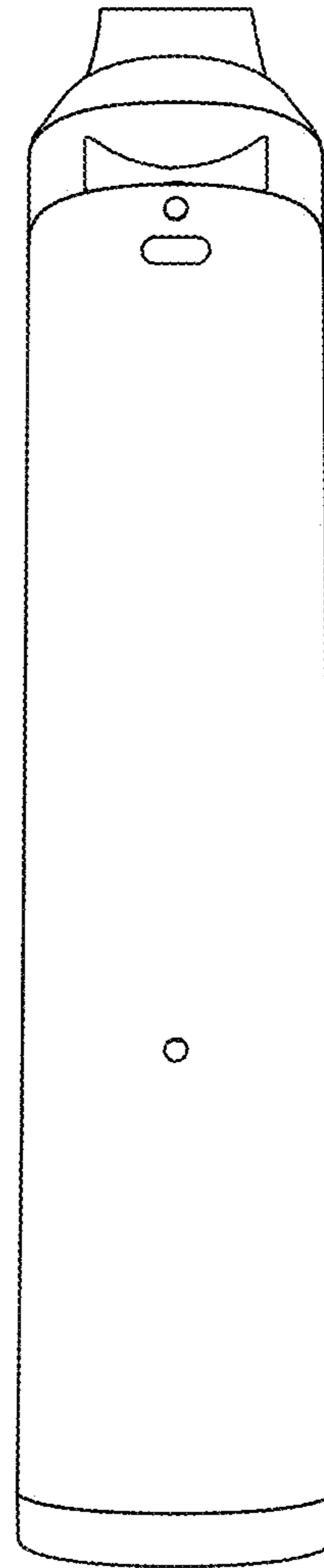


FIG. 4

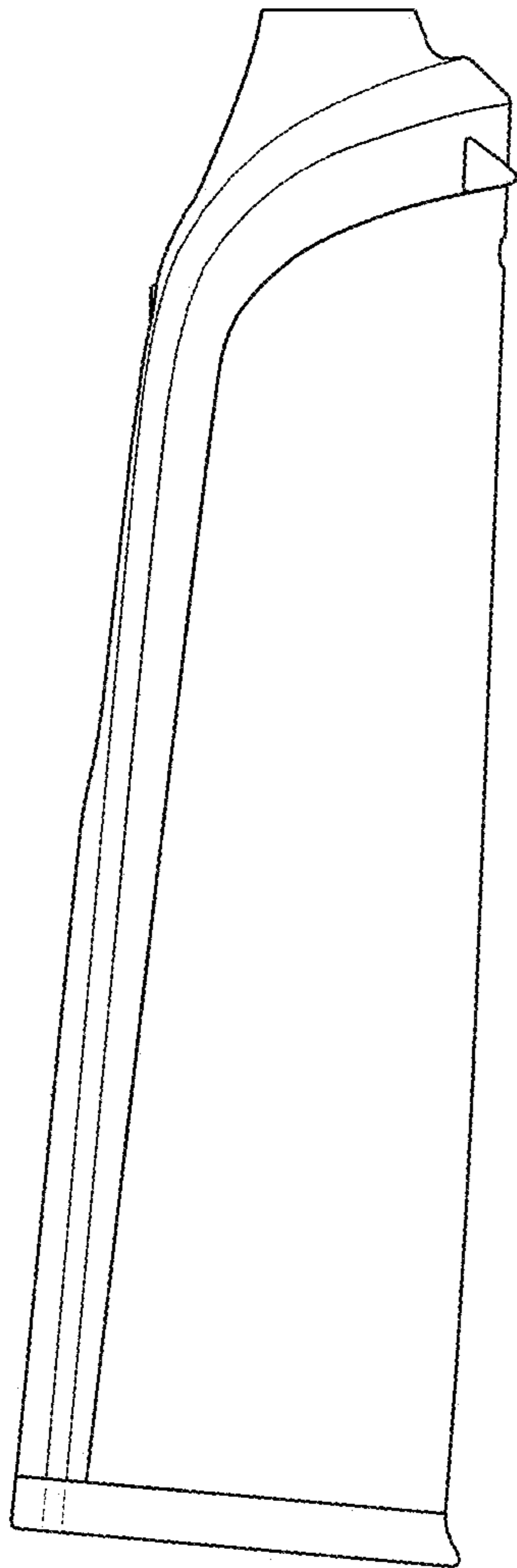


FIG. 5

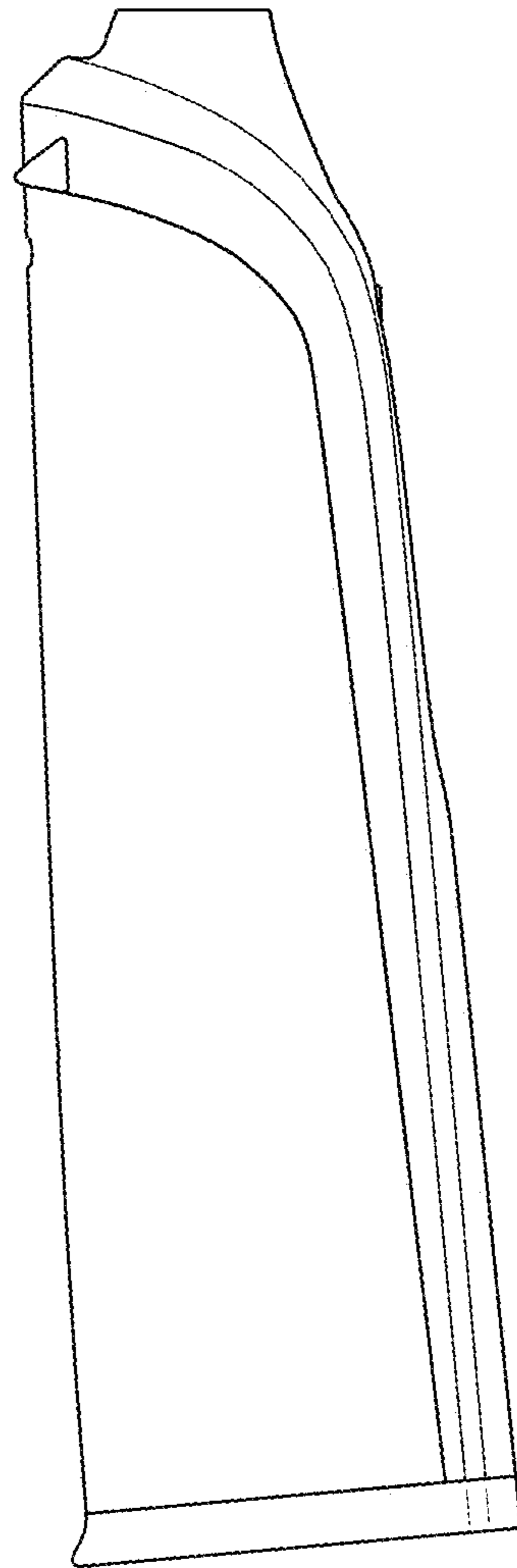


FIG. 6

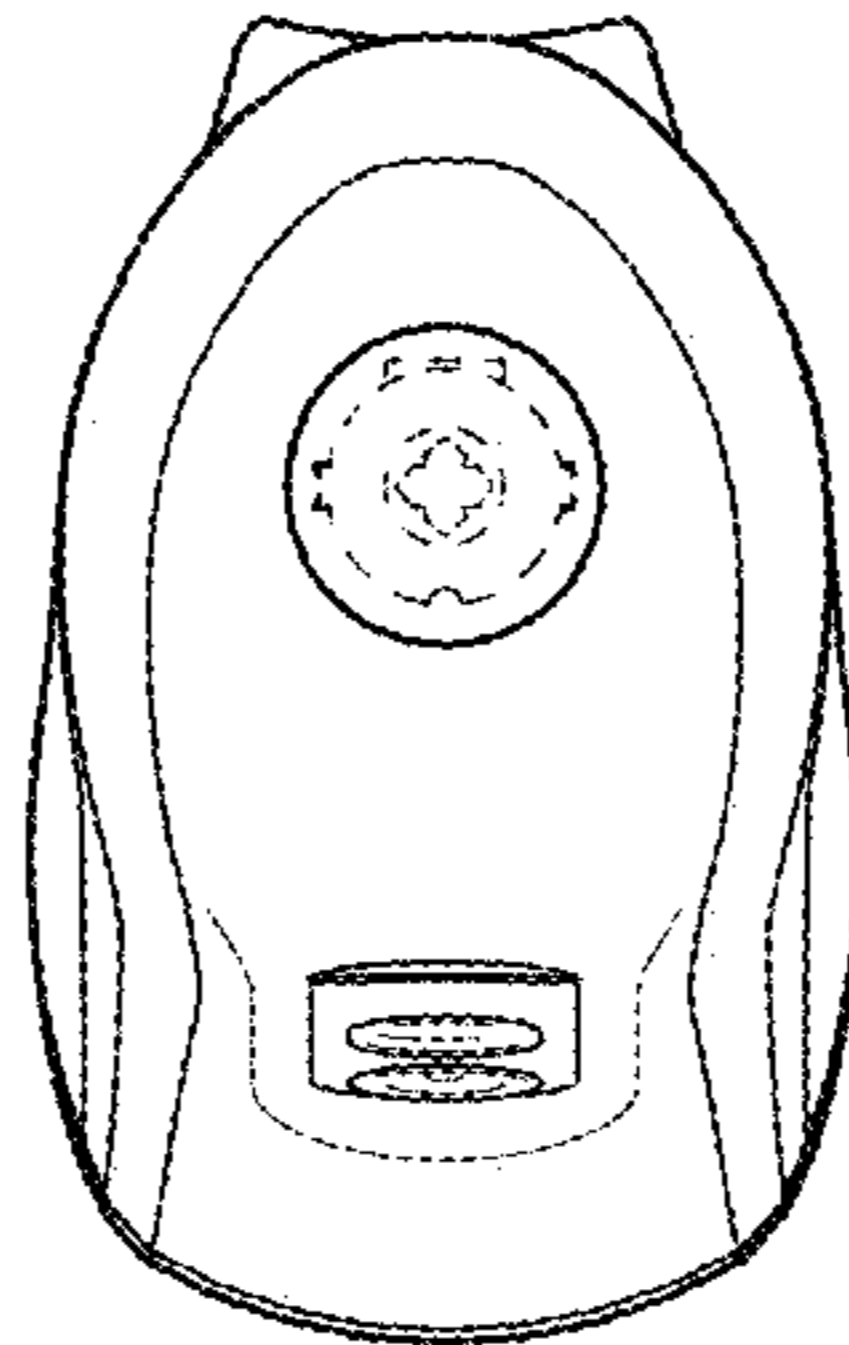


FIG. 7

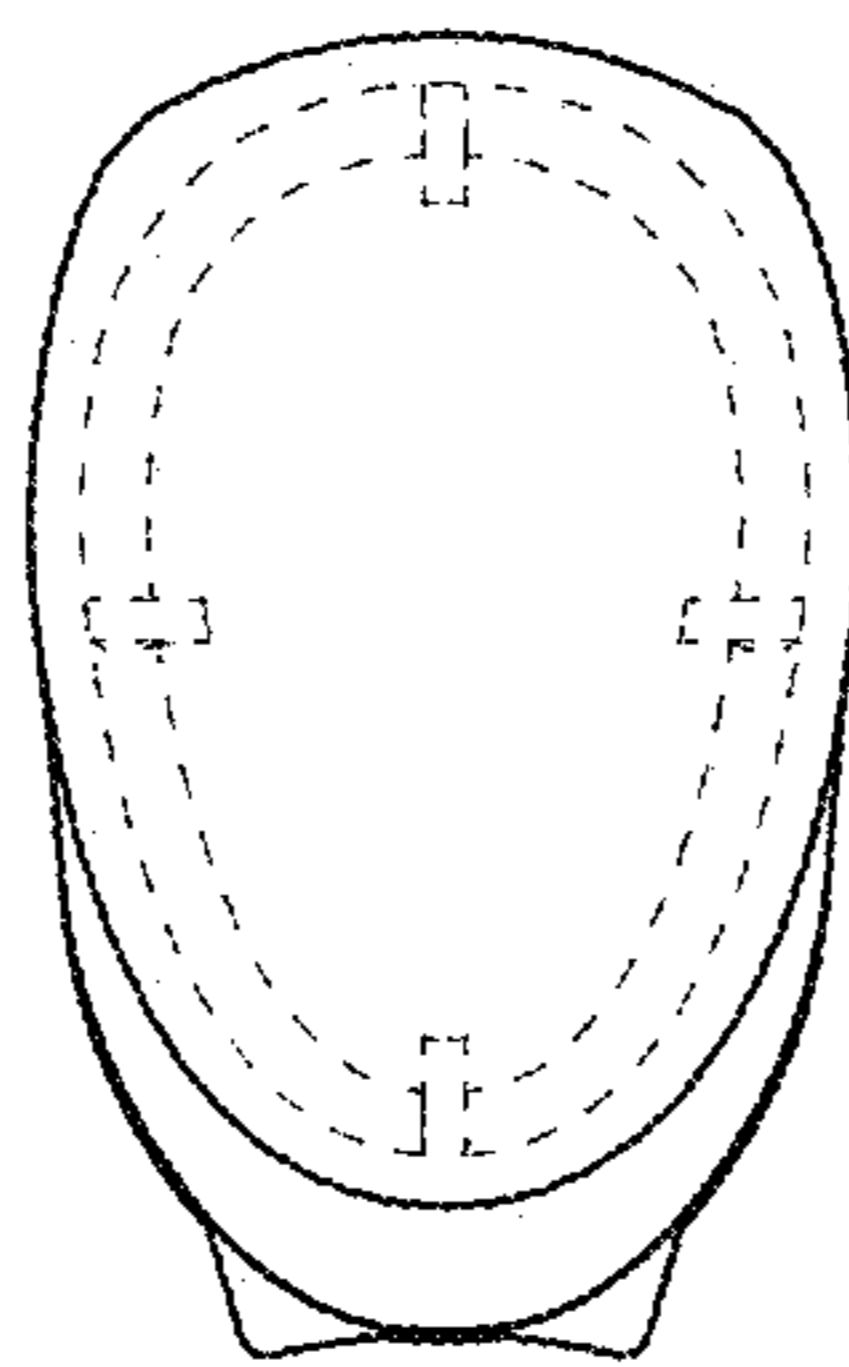


FIG. 8

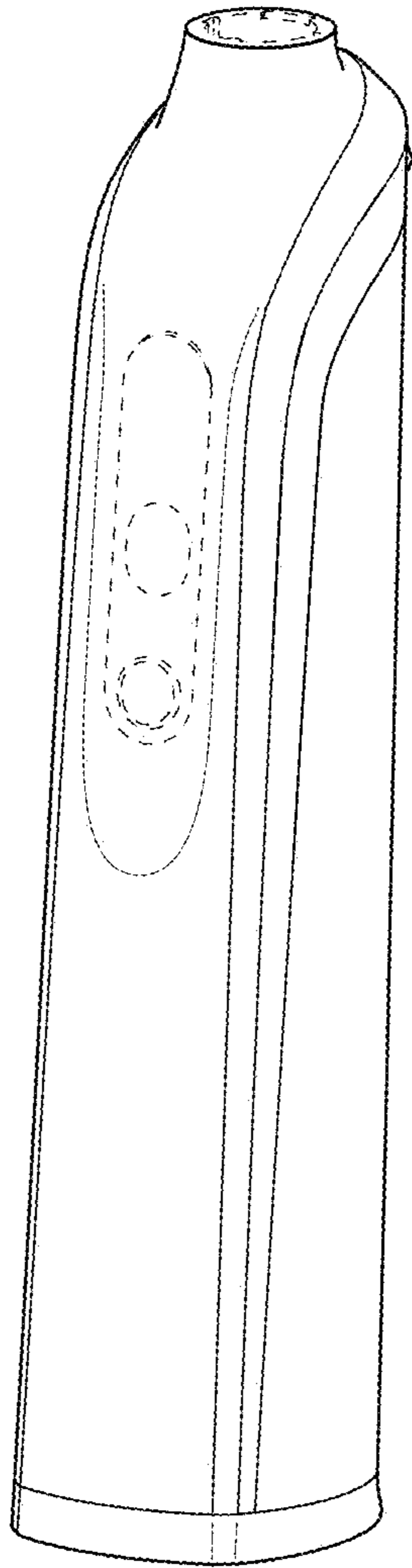


FIG. 9

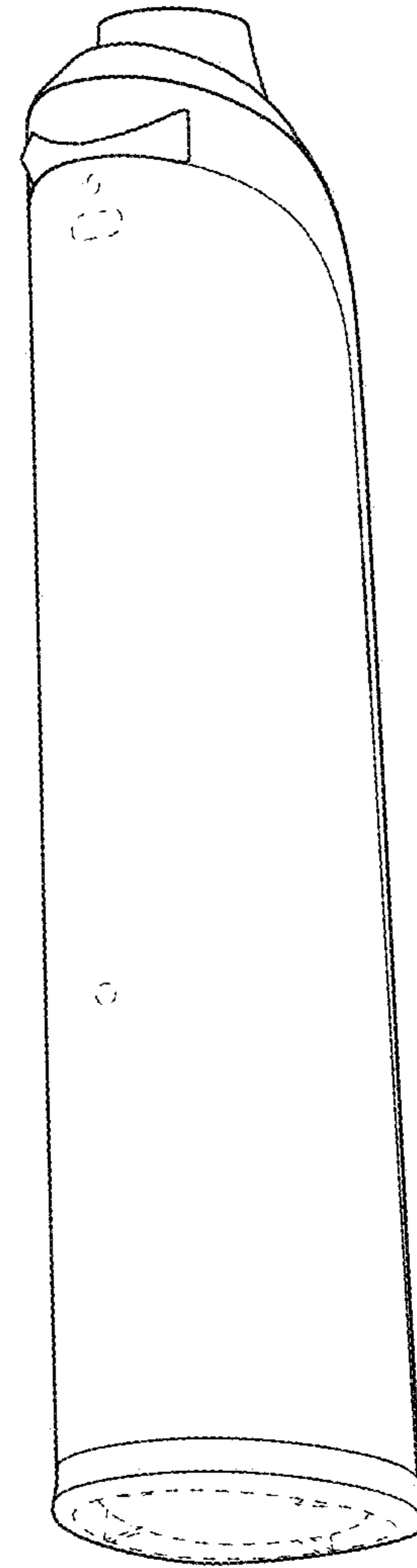


FIG. 10

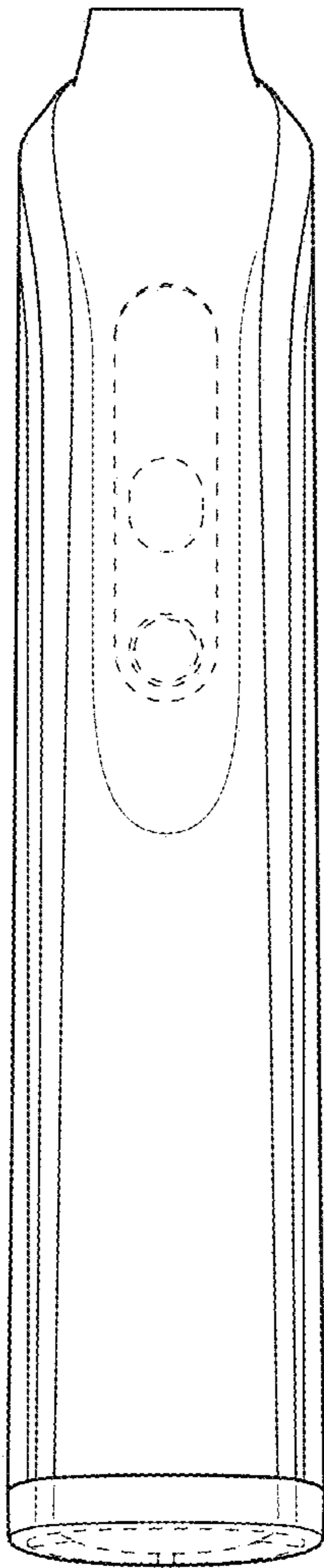


FIG. 11

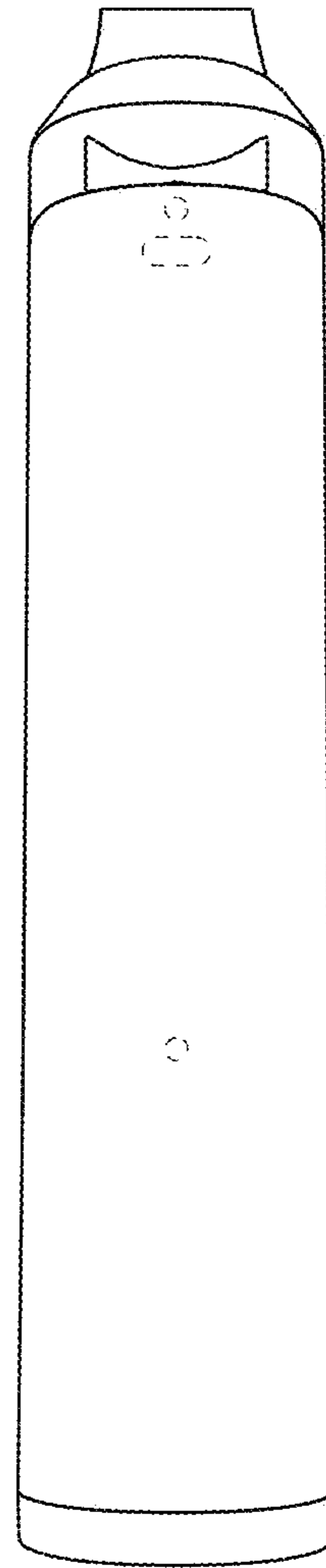


FIG. 12

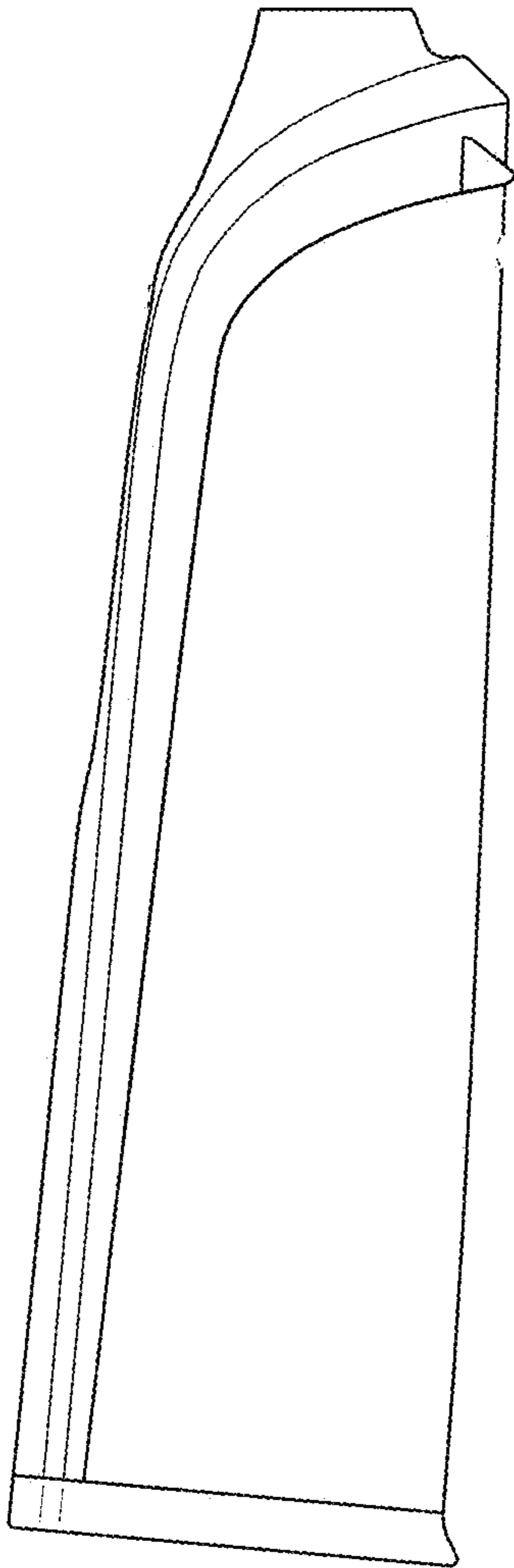


FIG. 13

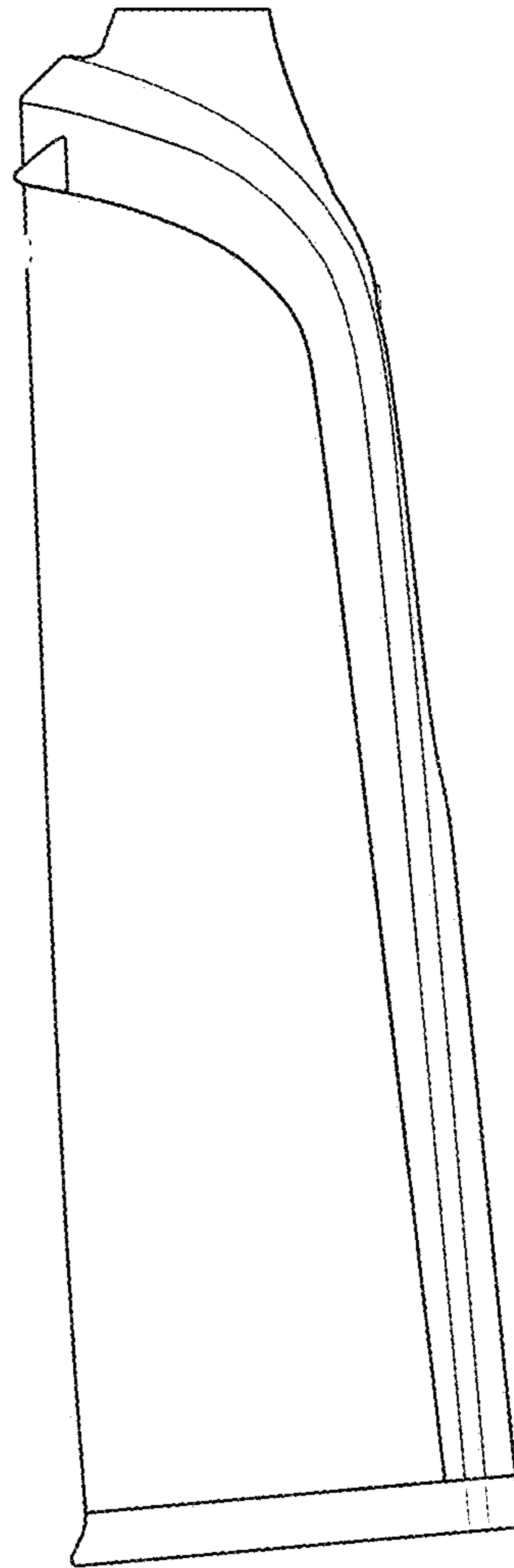


FIG. 14

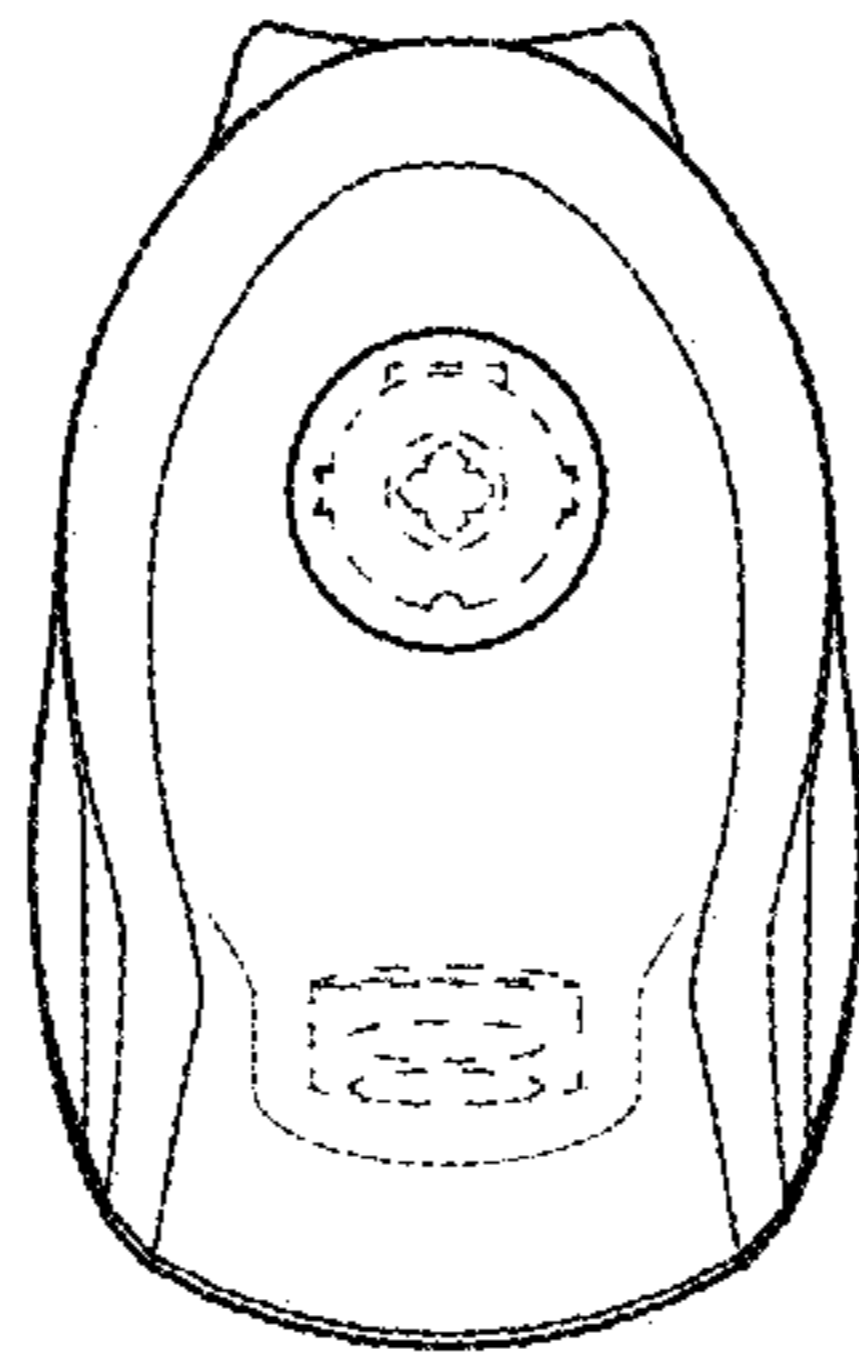


FIG. 15

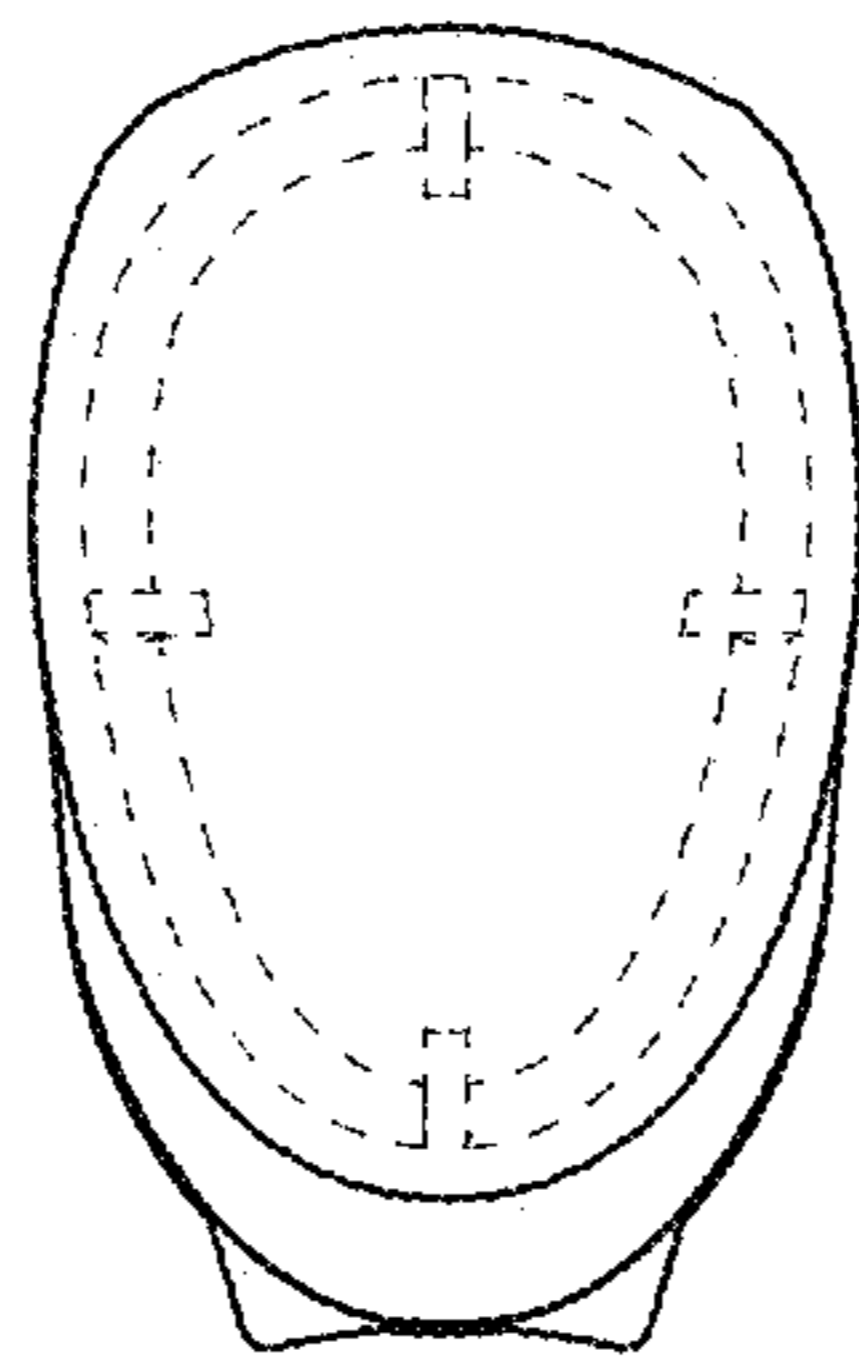


FIG. 16