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(12) **United States Design Patent** (10) **Patent No.:** **US D773,825 S**
Lee (45) **Date of Patent:** **** Dec. 13, 2016**

- (54) **HEAD PORTION OF A TOOTHBRUSH**
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- (**) Term: **14 Years**
- (21) Appl. No.: **29/497,190**
- (22) Filed: **Jul. 22, 2014**

CPC A46B 5/02; A46B 5/023; A46B 5/025; A46B 5/026; A46B 5/00; A46B 5/0004; A46B 5/0054; A46B 5/0079; A46B 5/0095; A46B 5/021; A46B 5/04; A46B 13/00; A46B 13/02; A46B 9/04; A46B 9/045; A46B 15/0075; A46B 15/0081; A46B 15/0069; A46B 15/0087; A46B 15/0055; A46B 15/0071; A46B 15/0089; A46B 15/0097; A46B 2200/1066; A46B 2200/1073; A46B 2200/1086; A46B 2200/1026; A46B 17/04; A61C 17/00; A61C 17/0202; A61C 17/16; A61C 17/20; A61C 17/22; A61C 17/222; A61C 17/225; A61C 17/26; A61C 17/34; A61C 15/048; A45D 44/18; A46D 1/10

See application file for complete search history.

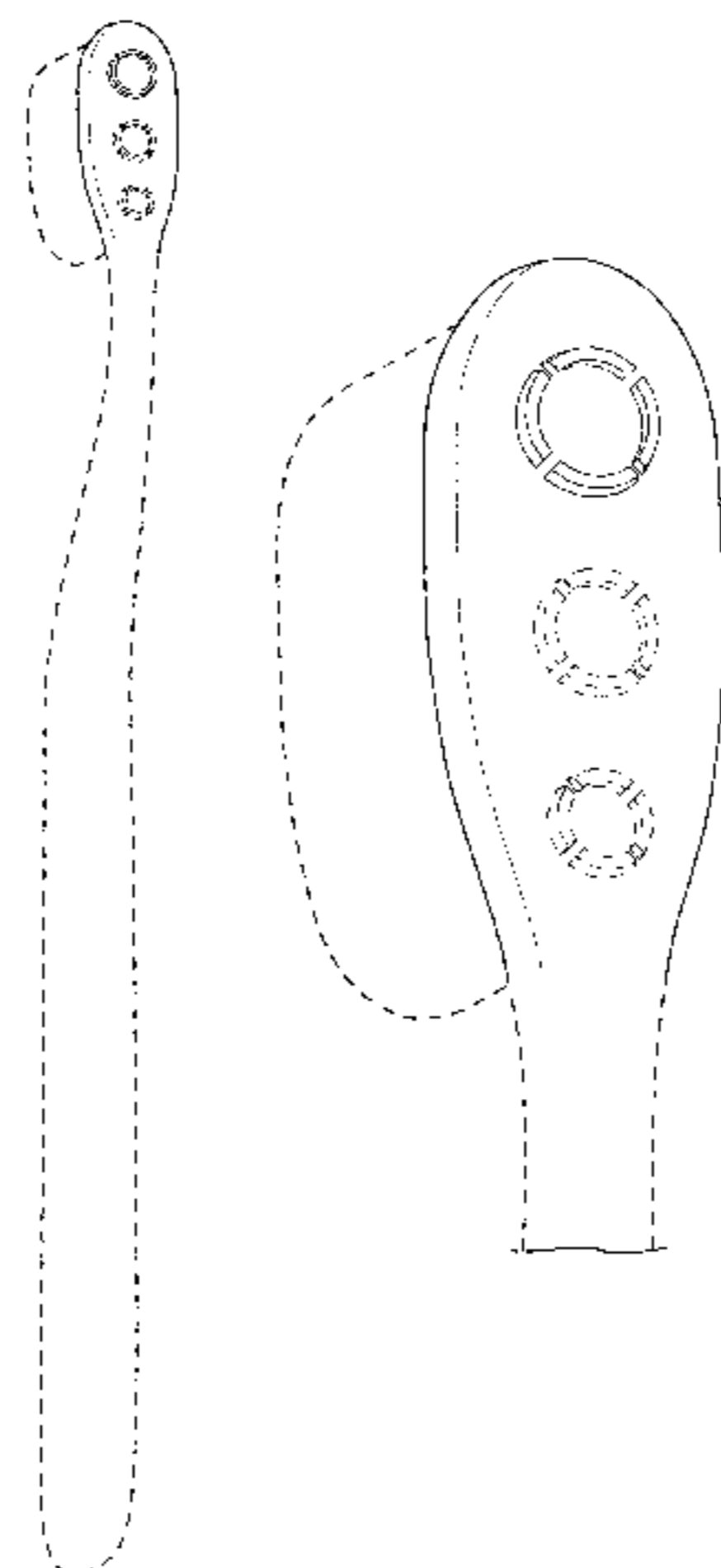
Related U.S. Application Data

- (62) Division of application No. 29/457,669, filed on Jun. 12, 2013, now Pat. No. Des. 722,772, which is a division of application No. 29/435,463, filed on Oct. 24, 2012, now Pat. No. Des. 686,826, which is a division of application No. 29/361,090, filed on May 5, 2010, now Pat. No. Des. 671,746.
- (51) **LOC (10) Cl.** **04-02**
- (52) **U.S. Cl.**
USPC **D4/108; D4/104; D4/106**
- (58) **Field of Classification Search**
USPC D4/107, 124-126, 104, 101, 108, D4/110-113, 116, 120, 132-135, 138, D4/199, 136; 15/143.1, 167.1, 167.2, 110, 15/111, 176.1-176.6, 184, 159.1, 160, 15/207.2, DIG. 5, DIG. 6, 188, 205.2; D11/95, 131, 164, 200, 222, 228-232, D11/40-48, 76, 79-81, 86; 132/308-311; 601/139-142, 80, 136; 606/161, 235; D24/146, 147, 152, 176; D7/393, 395, D7/401.2, 392; D99/17, 21, 22, 25, 43, D99/99; D21/713; D2/955, 954, 951, D2/953, 956, 952, 961; 32/308-311; 16/430, 902, DIG. 12, DIG. 18, DIG. 19, 16/431; D8/107; D28/45, 46, 48

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 617,011 A * 1/1899 Gray B65D 85/321 217/35
- 1,892,068 A 12/1932 Metzler
- 2,039,278 A * 5/1936 Blanchard 15/188
- 2,353,517 A * 7/1944 Spanel A46B 17/04 15/247
- 2,364,205 A * 12/1944 Fuller A61H 13/00 15/188
- 3,633,237 A * 1/1972 Bagube A46B 3/005 15/104.94
- 4,403,623 A * 9/1983 Mark A46B 7/02 15/110
- D319,735 S * 9/1991 Hodosh D4/104
- 5,555,590 A * 9/1996 Blum A46B 7/04 15/167.1
- 6,170,111 B1 * 1/2001 Rueb A46B 5/0016 15/106
- 6,408,473 B1 * 6/2002 Kessler A46B 5/0025 132/309
- D514,320 S 2/2006 Hohlbein
- 7,174,596 B2 * 2/2007 Fischer A46B 3/06 15/110
- D549,462 S 8/2007 Blanchard et al.
- D576,798 S 9/2008 Moskovich
- D581,164 S 11/2008 Moskovich
- D582,162 S 12/2008 Moskovich
- 7,480,955 B2 1/2009 Hohlbein et al.



D611,254 S	3/2010	Lee	
D630,020 S *	1/2011	Wong	D4/108
D632,484 S *	2/2011	Jimenez	D4/108
D654,695 S *	2/2012	Jimenez	D4/108
D654,696 S *	2/2012	Jimenez	D4/108
D660,004 S	5/2012	Knutzen et al.	
D669,688 S *	10/2012	Jimenez	D4/104
D669,689 S *	10/2012	Jimenez	D4/108
D670,503 S *	11/2012	Jimenez	D4/104
D670,505 S *	11/2012	Jimenez	D4/108
D671,746 S *	12/2012	Lee	D4/108
D675,830 S *	2/2013	Jimenez	D4/108
D677,900 S *	3/2013	Jin	D4/108
D678,679 S *	3/2013	Xi	D4/108
D678,680 S *	3/2013	Xi	D4/108
8,448,287 B2 *	5/2013	Ponzini	A46B 7/042 15/176.1
D686,826 S *	7/2013	Lee	D4/108
D708,441 S *	7/2014	Knutzen	D4/108
D722,772 S *	2/2015	Lee	D4/108
D756,659 S *	5/2016	Dalleggio, Jr.	D4/104
D760,499 S *	7/2016	Jimenez	D4/104
2003/0163149 A1	8/2003	Heisinger, Jr.	
2004/0255416 A1	12/2004	Hohlbein	
2006/0047292 A1	3/2006	Reed	
2006/0222683 A1	10/2006	Mythen	
2008/0201884 A1	8/2008	Vazquez et al.	
2009/0158540 A1 *	6/2009	Baertschi	A46B 5/0025 15/143.1
2009/0188063 A1 *	7/2009	Baertschi	A46B 5/02 15/167.1
2012/0036662 A1 *	2/2012	Kling	A46B 5/0054 15/144.1
2013/0036566 A1 *	2/2013	Schlatter	A46B 5/02 15/167.1
2014/0020195 A1 *	1/2014	Park	A61C 17/24 15/22.1
2015/0082564 A1 *	3/2015	Buchholz	A46B 9/04 15/105

FOREIGN PATENT DOCUMENTS

CD	000255559-0001	2/2005
CD	000255559-0002	2/2005
CD	000255559-0003	2/2005
CD	000255559-0004	2/2005
CD	000255559-0005	2/2005
CD	000255559-0006	2/2005
CD	000255559-0007	2/2005
CD	000255559-0008	2/2005
CD	000255559-0009	2/2005
CD	000255559-0010	2/2005
CD	000255559-0011	2/2005
CD	000255559-0012	2/2005
CD	000255559-0013	2/2005
CD	000255559-0014	2/2005
CD	000255559-0015	2/2005
CD	000255559-0016	2/2005
CD	000255559-0017	2/2005
CD	000383138-0001	11/2005
CD	000426127-0001	12/2005
CD	000458443-0001	2/2006
CD	000458443-0002	2/2006
CD	000708169-0001	5/2007
CD	000624093-0001	9/2007
CD	000624093-0002	9/2007
CD	000624093-0003	9/2007
CD	000624093-0004	9/2007
CD	000624093-0005	9/2007
CD	000624093-0006	9/2007
CD	000624093-0007	9/2007
CD	000624093-0008	9/2007
CD	000624093-0009	9/2007
CD	000624093-0010	9/2007
CD	000624093-0011	9/2007
CD	000624093-0012	9/2007
CD	000624093-0013	9/2007
CD	000624093-0014	9/2007

CD	000624093-0015	9/2007
CD	000624093-0016	9/2007
CD	000624093-0017	9/2007
CD	000624093-0018	9/2007
CD	000624093-0019	9/2007
CD	000624093-0020	9/2007
CD	000624093-0021	9/2007
CD	000624093-0022	9/2007
DE	102006024874	11/2007
KR	30-0314095 S	12/2002
WO	WO 01/45573	6/2001

OTHER PUBLICATIONS

U.S. Appl. No. 29/457,669, filed Jun. 12, 2013.
 U.S. Appl. No. 29/435,463, filed Oct. 24, 2012.
 U.S. Appl. No. 29/361,090, filed May 5, 2010.

* cited by examiner

Primary Examiner — Susan Moon Lee

(57) CLAIM

The ornamental design for a head portion of a toothbrush, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a head portion of a toothbrush according to a first embodiment of the new design; FIG. 2 is a right side view thereof, the left side view being a mirror image thereof; FIG. 3 is a rear view thereof; FIG. 4 is a bottom view thereof; FIG. 5 is a top view thereof; FIG. 6 is a front perspective view thereof; FIG. 7 is a rear perspective view thereof; FIG. 8 is a close up right-side view of the head portion thereof; FIG. 9 is a close up rear view of the head portion thereof; and FIG. 10 is a close up rear perspective view of the head portion thereof. FIG. 11 is a front view of the head portion of a toothbrush according to a second embodiment of the new design; FIG. 12 is a right side view thereof, the left side view being a mirror image thereof; FIG. 13 is a rear view thereof; FIG. 14 is a bottom view thereof; FIG. 15 is a top view thereof; FIG. 16 is a front perspective view thereof; FIG. 17 is a rear perspective view thereof; FIG. 18 is a close up right-side view of the head portion thereof; FIG. 19 is a close up rear view of the head portion thereof; and FIG. 20 is a close up rear perspective view of the head portion thereof. FIG. 21 is a front view of the head portion of a toothbrush according to a third embodiment of the new design; FIG. 22 is a right side view thereof, the left side view being a mirror image thereof; FIG. 23 is a rear view thereof; FIG. 24 is a bottom view thereof;

FIG. 25 is a top view thereof;
FIG. 26 is a front perspective view thereof;
FIG. 27 is a rear perspective view thereof;
FIG. 28 is a close up right-side view of the head portion thereof;
FIG. 29 is a close up rear view of the head portion thereof;
and,
FIG. 30 is a close up rear perspective view of the head portion thereof.
The broken lines showing the bristle and handle structures illustrate environment of the head portion of a toothbrush that forms no part of the claimed design.

1 Claim, 12 Drawing Sheets

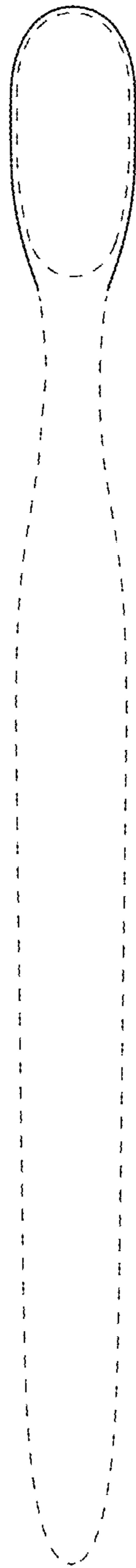


FIG. 1

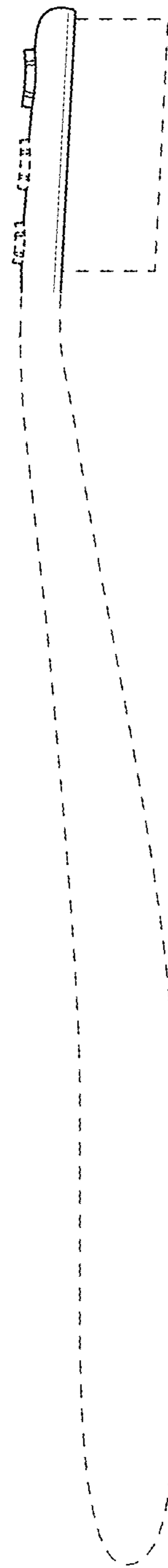


FIG. 2



FIG. 3



FIG. 4

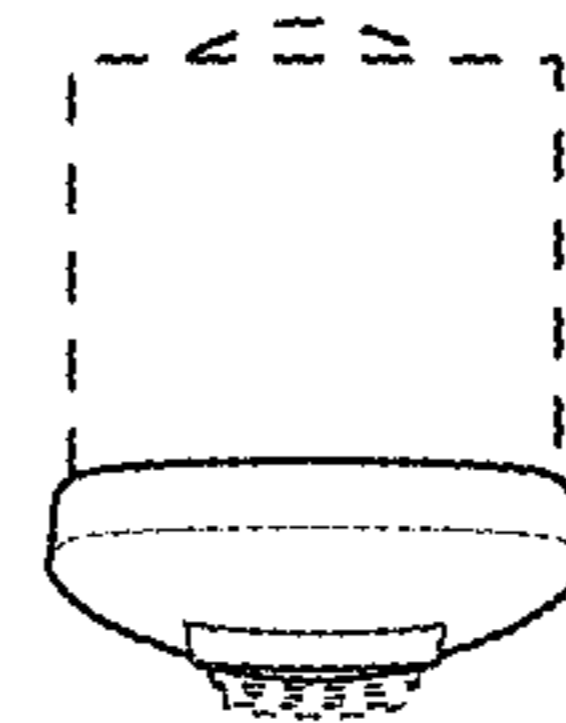


FIG. 5

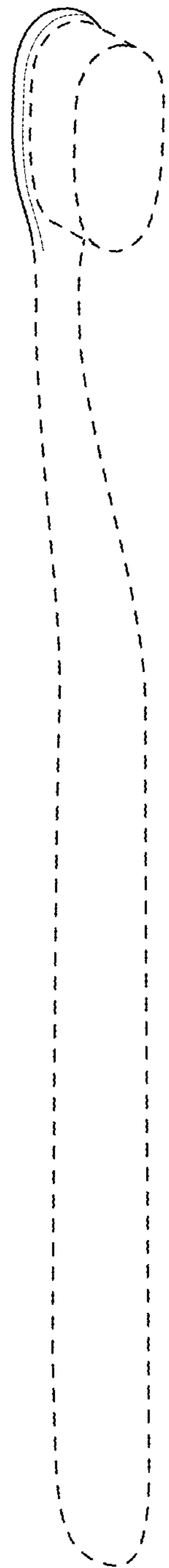


FIG. 6

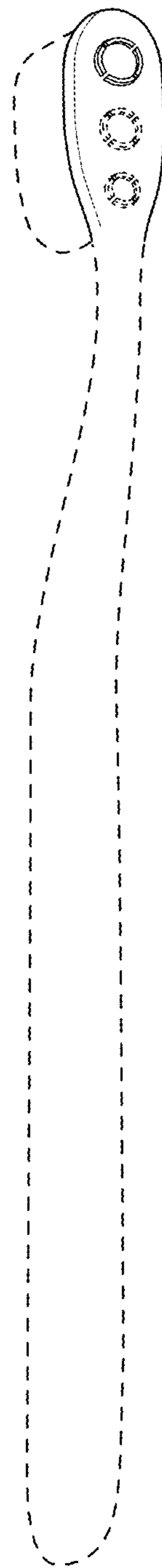


FIG. 7

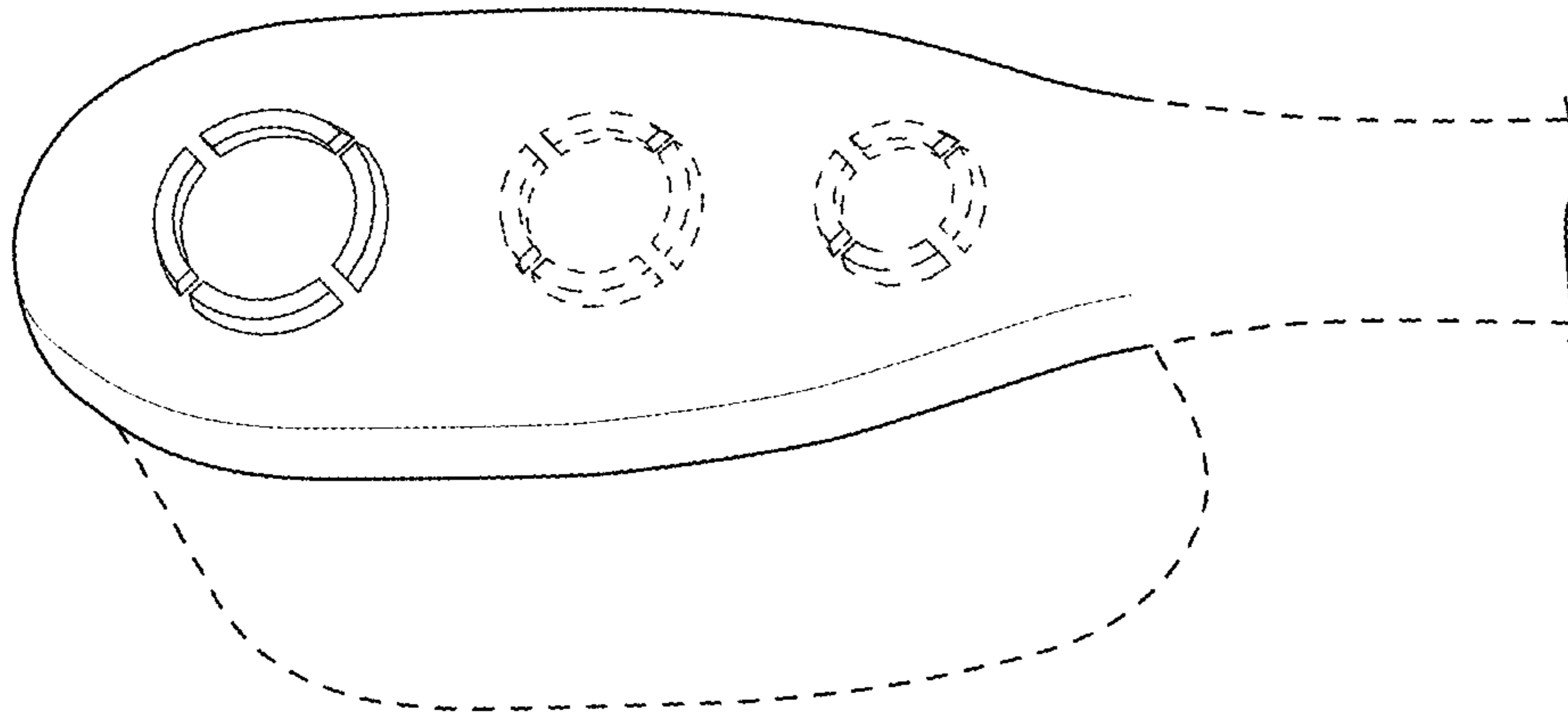


FIG. 10

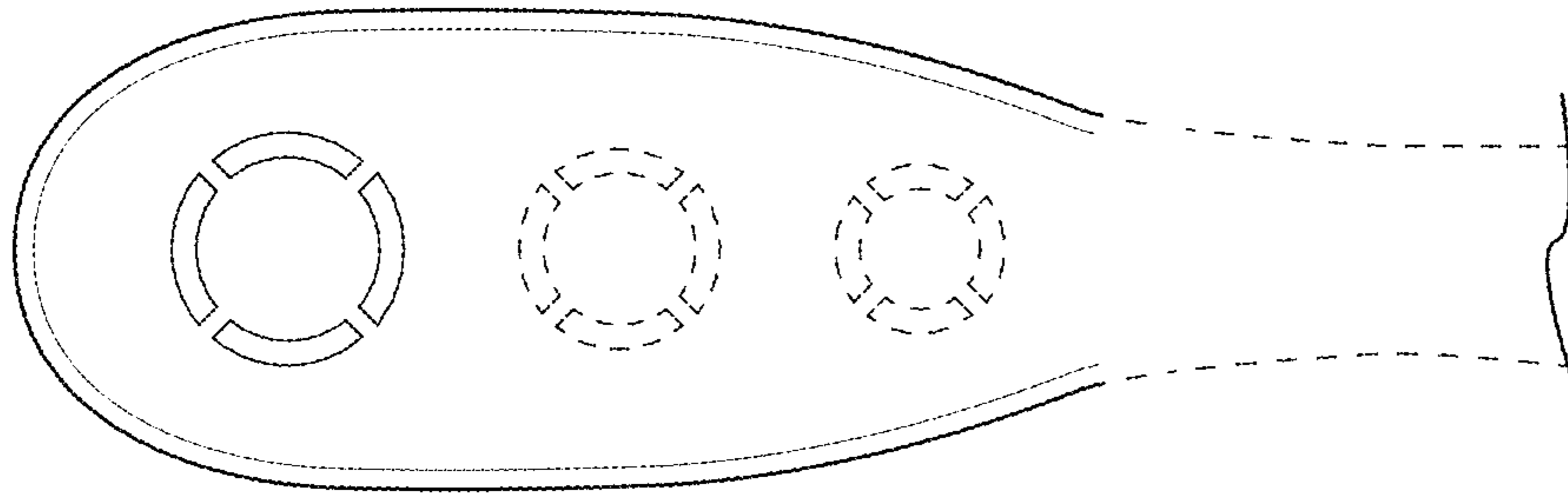


FIG. 9

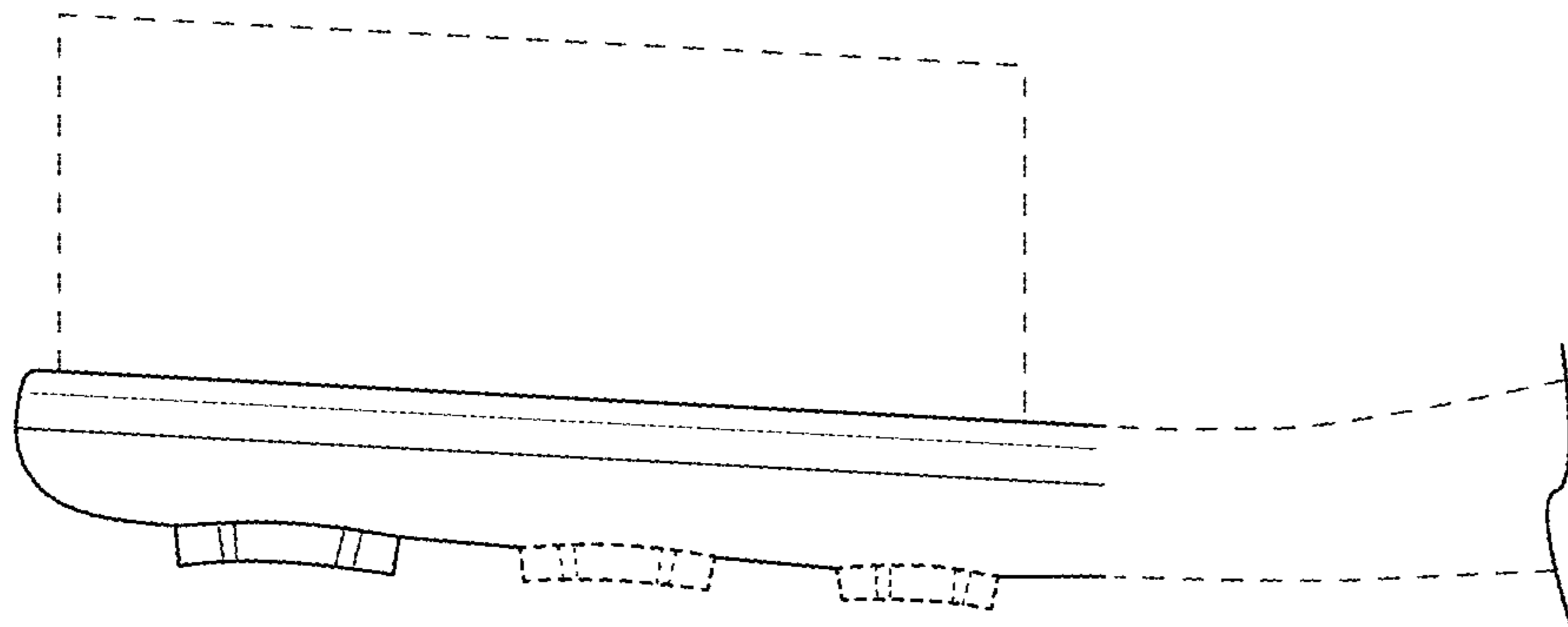


FIG. 8

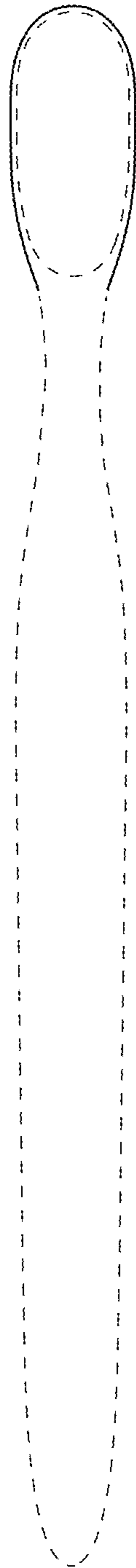


FIG. 11

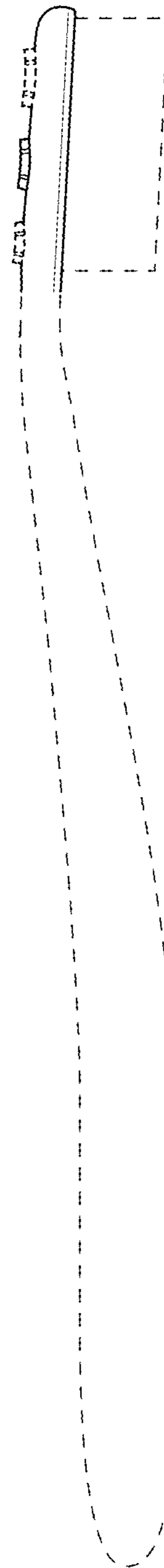


FIG. 12

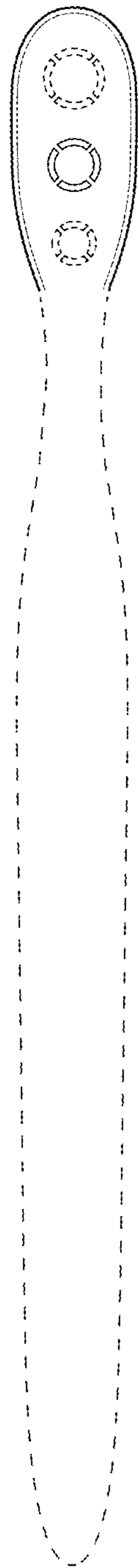


FIG. 13

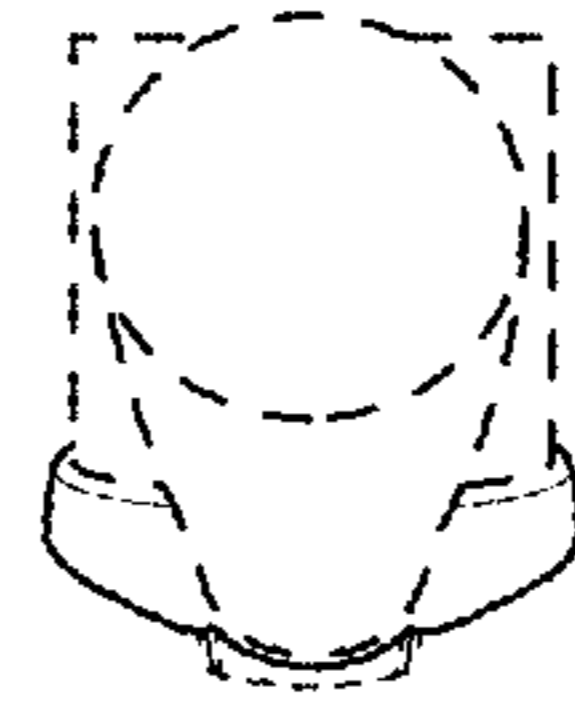


FIG. 14

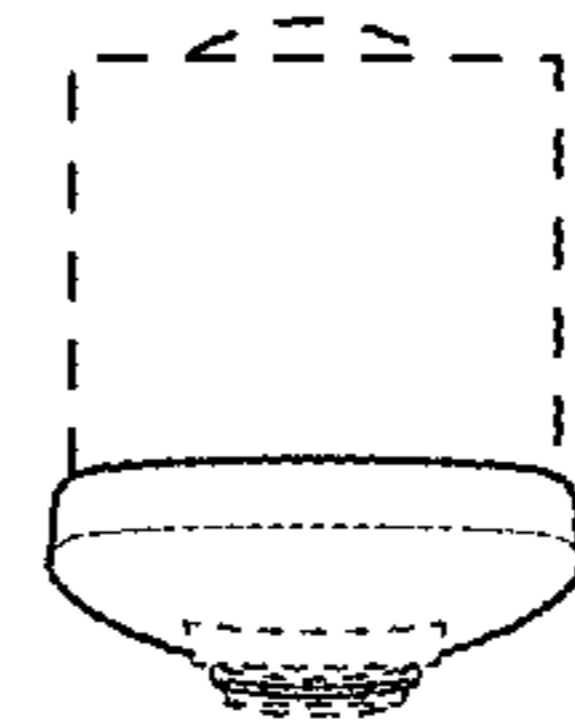


FIG. 15

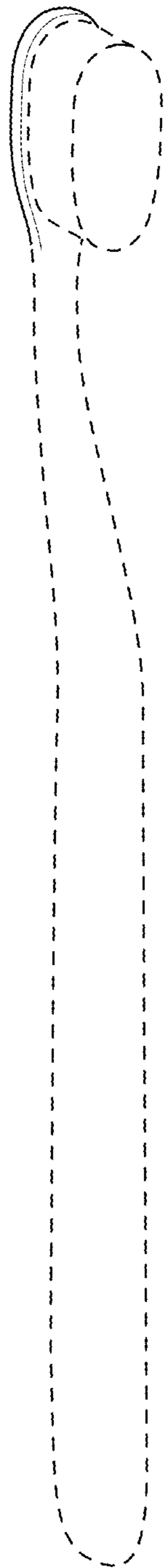


FIG. 16

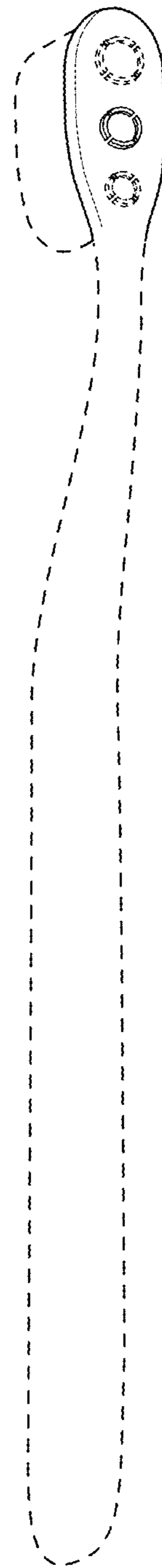


FIG. 17

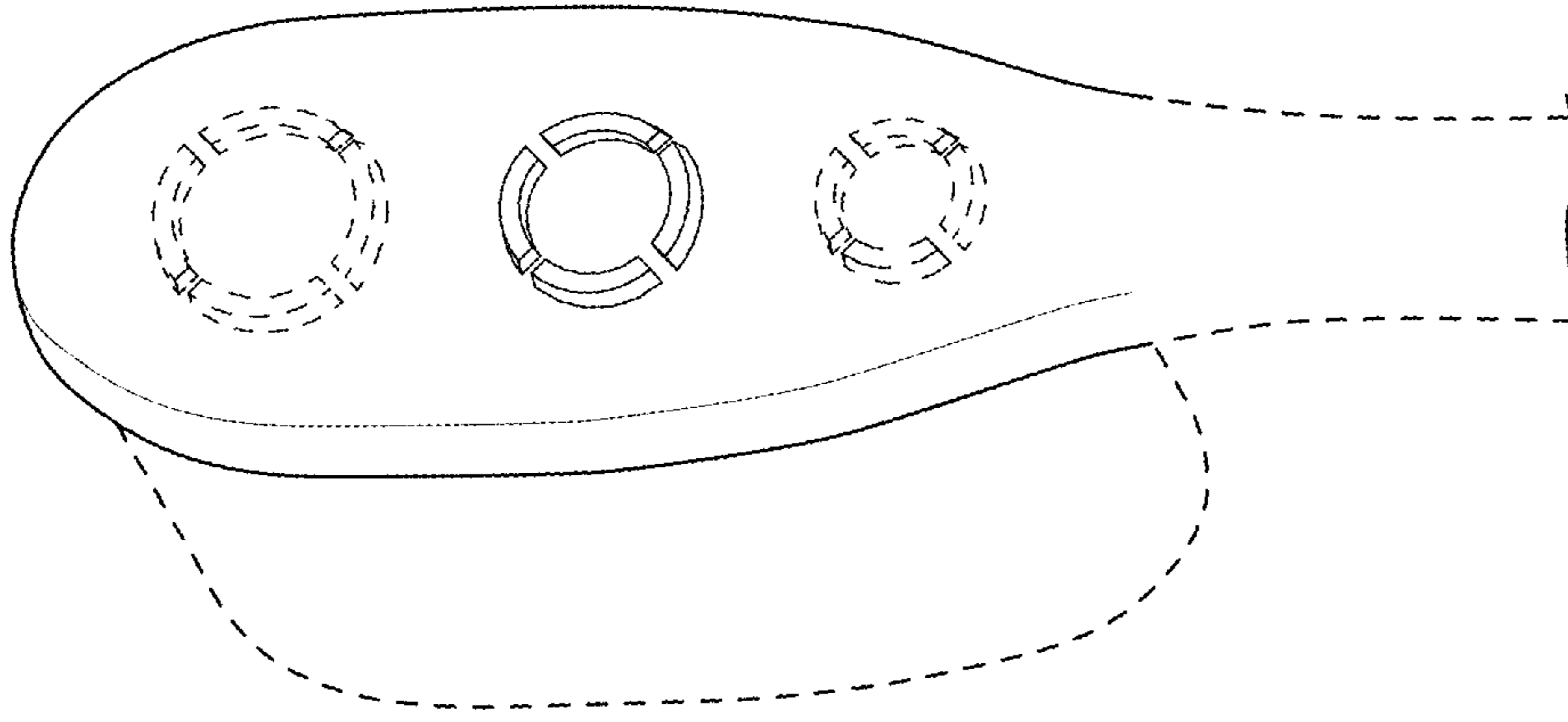


FIG. 18

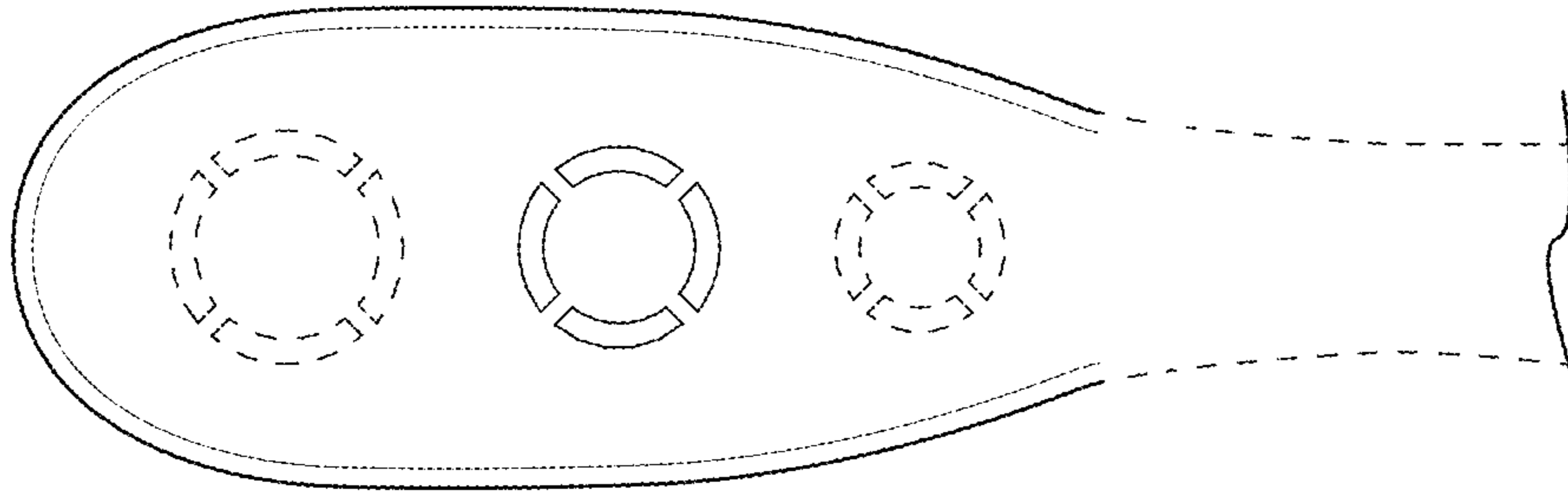


FIG. 19

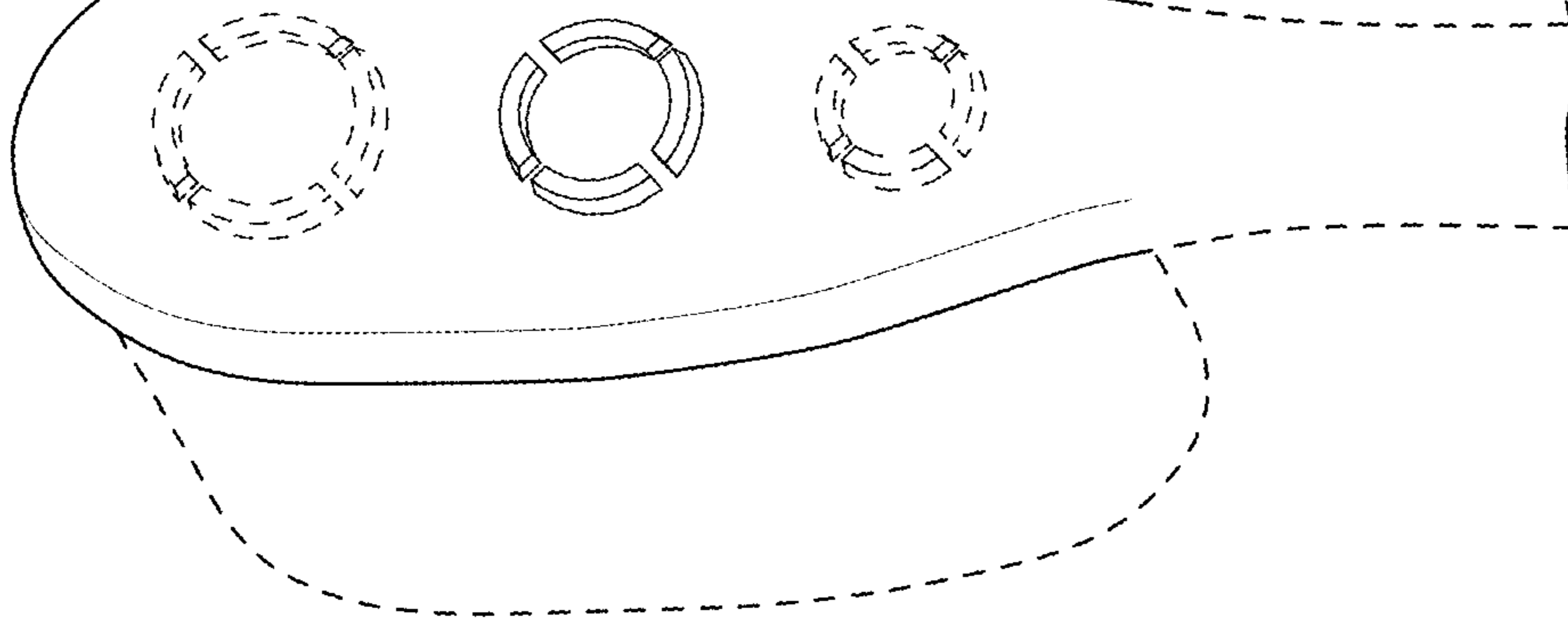


FIG. 20

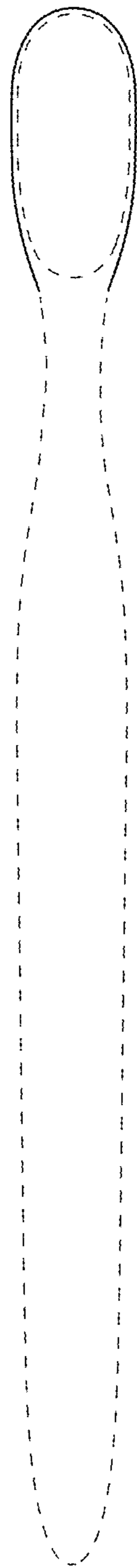


FIG. 21

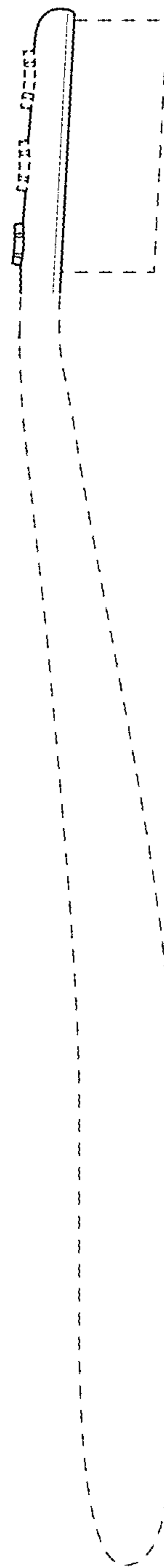


FIG. 22

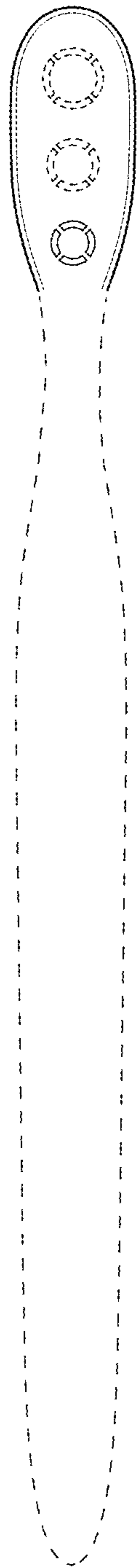


FIG. 23

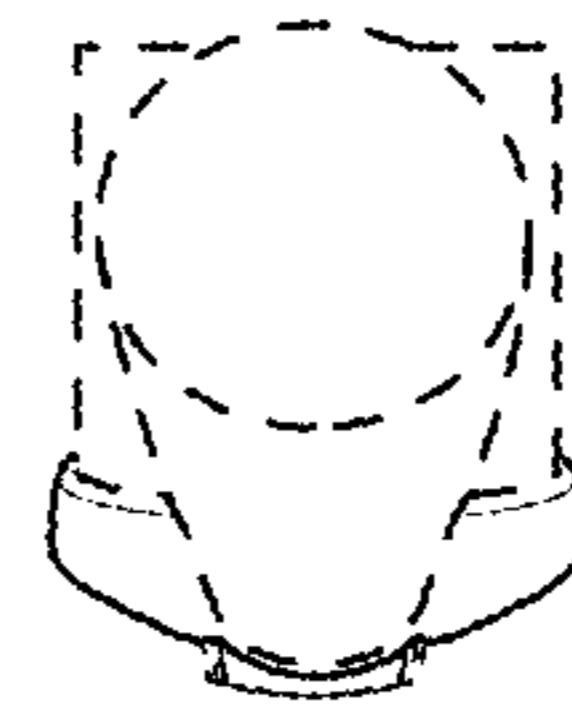


FIG. 24



FIG. 25

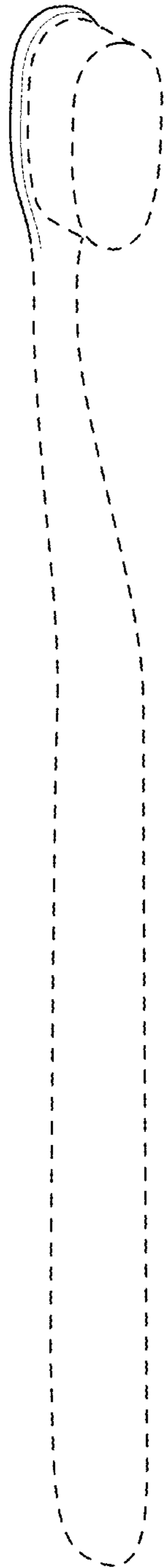


FIG. 26

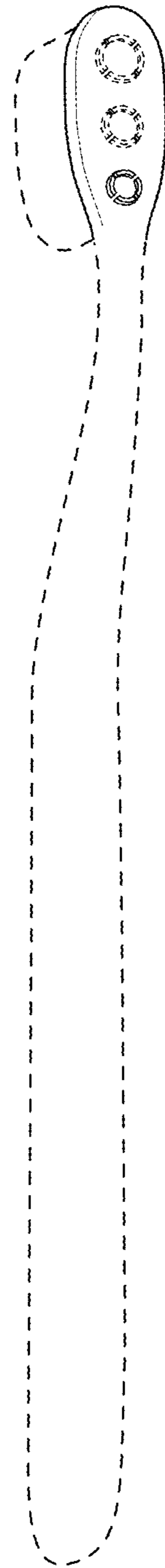


FIG. 27

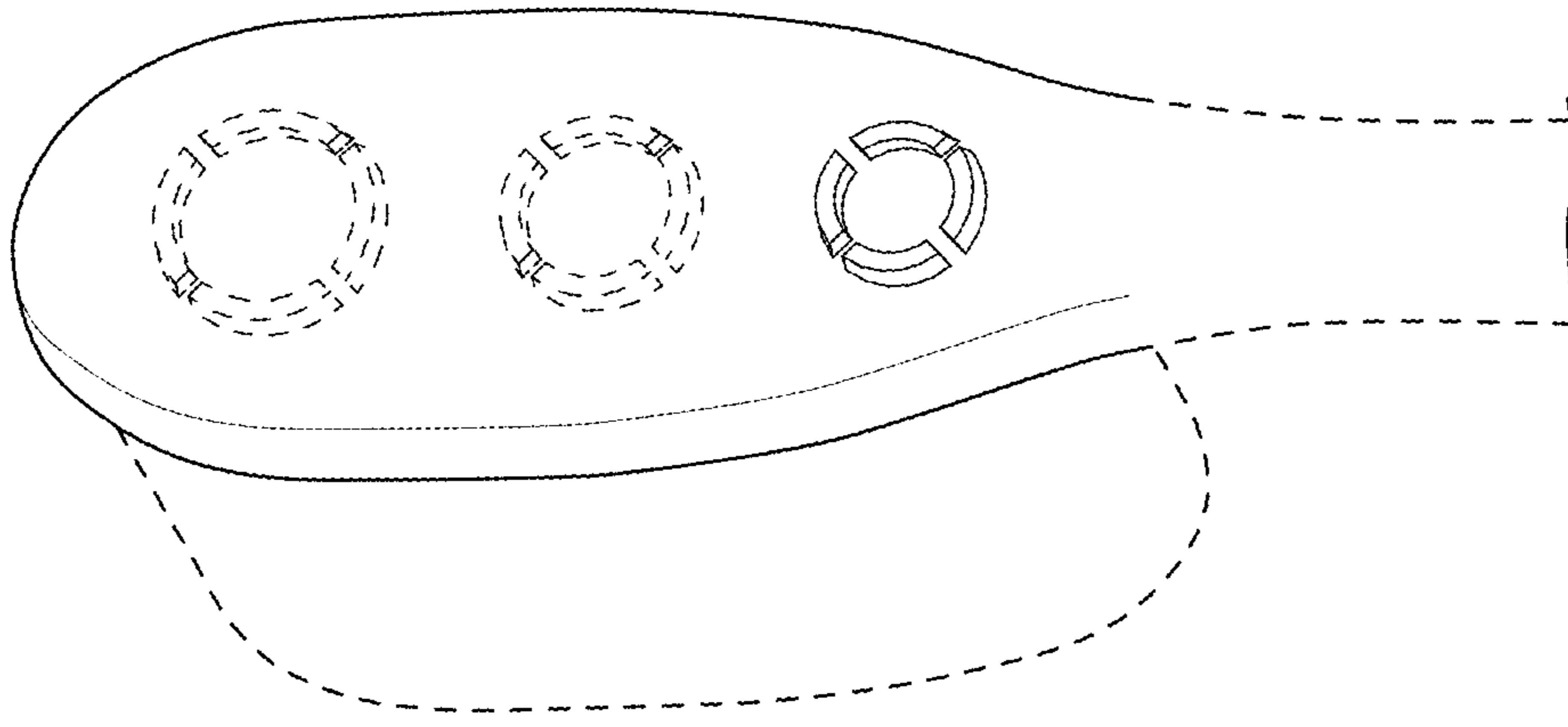


FIG. 28

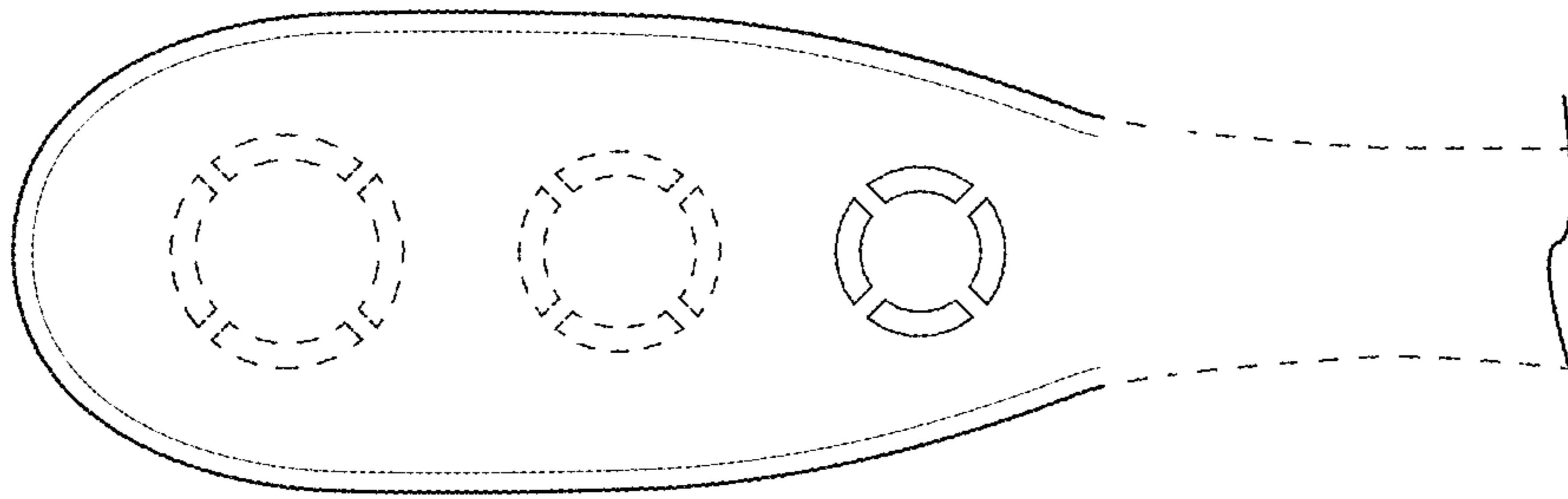


FIG. 29

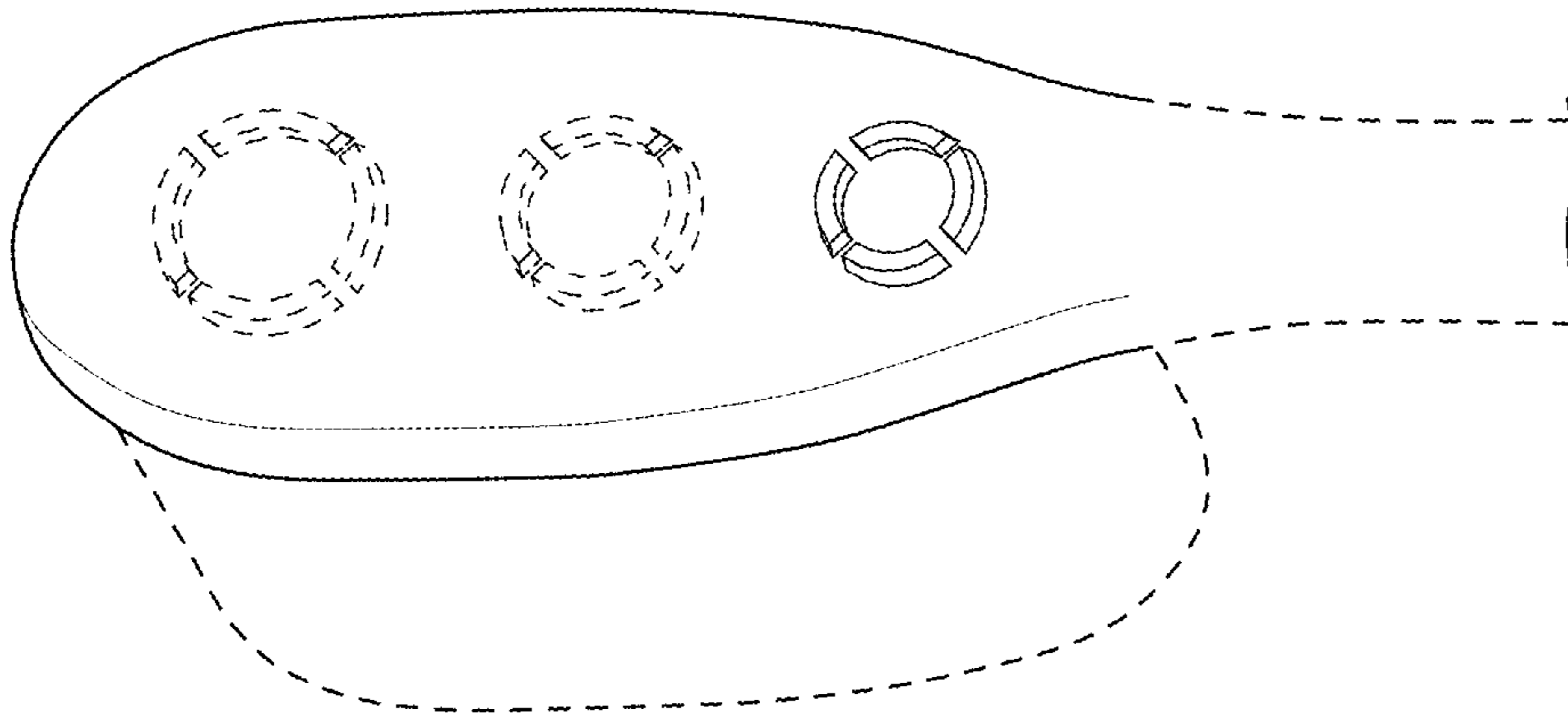


FIG. 30