

US00D642804S

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

(10) **Patent No.:** **US D642,804 S**
(45) **Date of Patent:** **** *Aug. 9, 2011**

(54) **TOOTHBRUSH**

(75) Inventors: **Armin Bärtschi**, Winznau (CH); **Robert Moskovich**, East Brunswick, NJ (US)

(73) Assignee: **Colgate-Palmolive Company**, New York, NY (US)

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

(21) Appl. No.: **29/351,997**

(22) Filed: **Dec. 15, 2009**

(51) **LOC (9) Cl.** **04-02**

(52) **U.S. Cl.** **D4/104**

(58) **Field of Classification Search** D4/104–112,
D4/134, 138; 15/143.1, 188, 110, 167.1,
15/167.2; 132/308–311; 601/139, 141; 16/430,
16/431

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

828,393 A	8/1906	Emerson
1,191,556 A	7/1916	Blake
1,619,212 A	3/1927	Neederman
2,040,245 A	5/1936	Crawford
2,059,914 A	11/1936	Rosenberg
2,088,839 A	8/1937	Coney et al.
2,117,174 A	5/1938	Jones
2,129,082 A	9/1938	Byrer
2,139,245 A	12/1938	Ogden
2,186,005 A	1/1940	Casto
2,209,173 A	7/1940	Russell
2,241,584 A	5/1941	Cohen
2,471,855 A	5/1949	Bird
2,637,870 A	5/1953	Cohen
2,680,695 A	6/1954	Judd
3,103,027 A	9/1963	Birch
3,230,562 A	1/1966	Birch
RE26,403 E	6/1968	Kutik
3,553,759 A	1/1971	Kramer et al.
D246,877 S	1/1978	Kitzis

(Continued)

FOREIGN PATENT DOCUMENTS

CN 1386456 A 12/2002
(Continued)

OTHER PUBLICATIONS

International Search Report and Written Opinion of the International Searching Authority (EP) for corresponding International Application No. PC/TUS2009/055471 mailed Jun. 18, 2010.

Primary Examiner — Melanie H Tung

Assistant Examiner — Lavone D Tabor

(74) *Attorney, Agent, or Firm* — Judy W. Chung

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a right front perspective view of a toothbrush according to the new design;

FIG. 2 is a left front perspective view thereof;

FIG. 3 is a right rear perspective view thereof;

FIG. 4 is a left rear perspective view thereof;

FIG. 5 is a front view thereof;

FIG. 6 is a rear view thereof;

FIG. 7 is a right side view thereof.

FIG. 8 is a left side view thereof;

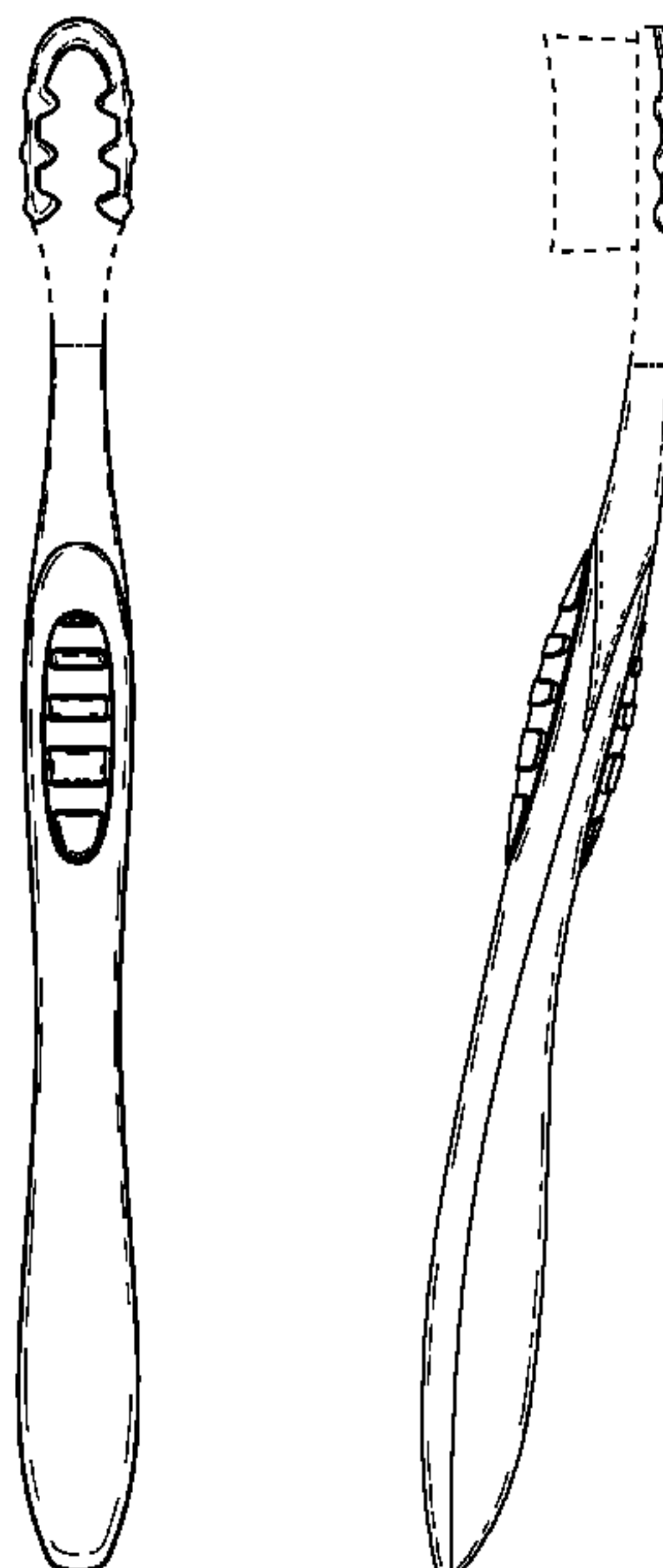
FIG. 9 is a top view thereof;

FIG. 10 is a bottom view thereof; and,

FIG. 11 is an enlarged rear view of the head thereof, shown separately for ease of illustration.

The dash-dot-dash line shown in FIGS. 1-8 and 11 represents an unclaimed boundary. The dashed broken lines showing a brush head illustrate portions of the toothbrush that, along with the unclaimed boundary, form no part of the claimed design.

1 Claim, 6 Drawing Sheets



US D642,804 S

Page 2

U.S. PATENT DOCUMENTS

D246,878	S	1/1978	Kitzis	
4,128,349	A	12/1978	Del Bon	
4,128,910	A	12/1978	Nakata et al.	
4,167,794	A	9/1979	Pomeroy	
4,277,862	A	7/1981	Weideman	
4,852,202	A	8/1989	Ledwitz	
D306,523	S	3/1990	Natali et al.	
4,911,811	A	3/1990	Mullaney, Jr.	
5,044,948	A	9/1991	Vance, Sr. et al.	
D326,189	S	5/1992	Brooks	
D333,918	S	3/1993	Curtis et al.	
D334,472	S	4/1993	Curtis et al.	
D334,473	S	4/1993	Volpenhein et al.	
D342,160	S	12/1993	Curtis et al.	
D342,161	S	12/1993	Curtis et al.	
D342,162	S	12/1993	Curtis et al.	
D343,294	S	1/1994	Curtis et al.	
5,324,129	A	6/1994	Root	
5,335,389	A	8/1994	Curtis et al.	
5,341,537	A	8/1994	Curtis et al.	
D370,564	S	6/1996	Moskovich	
5,628,082	A	5/1997	Moskovich	
D380,903	S	7/1997	Moskovich	
5,735,011	A	4/1998	Asher	
5,802,656	A	9/1998	Dawson et al.	
D400,713	S	11/1998	Solanki	
5,836,033	A	11/1998	Berge	
5,842,487	A	12/1998	Ledet	
5,896,614	A	4/1999	Flewitt	
5,987,688	A	11/1999	Roberts et al.	
D421,841	S *	3/2000	Achepohl et al.	D4/104
6,041,467	A	3/2000	Roberts et al.	
6,041,468	A	3/2000	Chen et al.	
D422,143	S	4/2000	Beals et al.	
D425,306	S	5/2000	Beals et al.	
6,105,191	A	8/2000	Chen et al.	
6,142,777	A	11/2000	Winston et al.	
D434,565	S	12/2000	Bojar	
D434,908	S	12/2000	Bojar	
6,196,235	B1	3/2001	Kim	
6,283,930	B1	9/2001	Purvis et al.	
6,311,358	B1	11/2001	Soetewey et al.	
D456,607	S	5/2002	Carlucci et al.	
6,463,618	B1	10/2002	Zimmer	
6,571,417	B1	6/2003	Gavney, Jr. et al.	
D477,465	S *	7/2003	Reilly et al.	D4/104
6,595,775	B1	7/2003	Berk et al.	
6,599,048	B2	7/2003	Kuo	
6,687,940	B1	2/2004	Gross et al.	
6,704,965	B2	3/2004	Ale et al.	
6,764,626	B2	7/2004	Phu et al.	
D494,765	S	8/2004	Park	
6,810,551	B1	11/2004	Weihrauch	
6,817,054	B2	11/2004	Moskovich et al.	
6,820,299	B2	11/2004	Gavney, Jr.	
6,859,969	B2	3/2005	Gavney, Jr. et al.	
D503,538	S	4/2005	Desalvo	
6,944,903	B2	9/2005	Gavney, Jr.	
6,957,469	B2	10/2005	Davies	
6,993,804	B1	2/2006	Braun et al.	
7,047,589	B2	5/2006	Gaveny, Jr.	
7,047,591	B2 *	5/2006	Hohlbein	15/143.1
7,051,394	B2	5/2006	Gaveny, Jr.	
7,089,621	B2	8/2006	Hohlbein	
7,168,125	B2	1/2007	Hohlbein	
7,174,596	B2	2/2007	Fischer et al.	
7,181,799	B2	2/2007	Gavney, Jr. et al.	
7,210,184	B2	5/2007	Eliav et al.	
7,213,288	B2	5/2007	Hohlbein	
2002/0124864	A1	9/2002	Gross et al.	
2003/0033680	A1	2/2003	Davies et al.	
2003/0196283	A1	10/2003	Eliav et al.	
2004/0154112	A1	8/2004	Braun et al.	
2004/0168269	A1	9/2004	Kunita et al.	
2005/0091773	A1	5/2005	Gavney, Jr. et al.	
2005/0102780	A1	5/2005	Hohlbein	
2005/0188488	A1	9/2005	Moskovich et al.	
2005/0193512	A1	9/2005	Moskovich et al.	

2006/0048323	A1	3/2006	Rueb
2006/0064827	A1	3/2006	Chan
2006/0107478	A1	5/2006	Boucherie
2006/0117508	A1	6/2006	Hohlbein
2006/0123574	A1	6/2006	Storkel et al.
2006/0230563	A1	10/2006	Gavney, Jr.
2006/0236477	A1	10/2006	Gavney, Jr.
2007/0056128	A1	3/2007	Hohlbein et al.
2007/0067933	A1	3/2007	Waguespack
2007/0110503	A1	5/2007	Glover
2007/0186364	A1	8/2007	Hohlbein

FOREIGN PATENT DOCUMENTS

CN	3296615D	5/2003
CN	1426283 A	6/2003
CN	1121144 C	9/2003
CN	1122479 C	10/2003
CN	1124802 C	10/2003
CN	3334797D	11/2003
CN	1131689 C	12/2003
CN	1142736 C	3/2004
CN	3406089D	11/2004
CN	1181774 C	12/2004
CN	2662724 Y	12/2004
CN	3412770D	12/2004
CN	1564665 A	1/2005
CN	2684634 Y	3/2005
CN	3433188D	3/2005
CN	3450190D	6/2005
CN	1642457 A	7/2005
CN	2720886 Y	8/2005
CN	1219479 A	9/2005
CN	1688227 A	10/2005
CN	3478636D	10/2005
CN	3509341D	3/2006
CN	3514164D	3/2006
CN	3525700D	5/2006
CN	3624922D	3/2007
CN	2899569 Y	5/2007
CN	3647562D	5/2007
CN	2907359 Y	6/2007
DE	8903911	5/1989
DE	102006016939	5/2007
DE	40505658-0006 S	5/2008
EP	0360766	3/1990
EP	0 371 293 B1	1/1996
EP	0 716 573 B1	1/1997
EP	0 768 832 B1	11/1999
EP	0 843 524 B1	10/2001
EP	1181877	2/2002
EP	1 119 272 B1	12/2002
EP	1 100 353 B1	10/2003
EP	1350442	10/2003
EP	1 194 053 B1	11/2003
EP	1 301 325 B1	4/2004
EP	1287729 B1	7/2004
EP	1 187 541 B1	12/2004
EP	1482821	12/2004
EP	1 253 839 B1	7/2005
EP	1 185 242 B1	8/2005
EP	0 932 348 B1	3/2006
EP	1567314 B1	3/2007
FR	2 079 455	11/1971
GB	605742	7/1948
GB	2 345 019 B	5/2003
JP	1175940	3/1999
JP	2008154808	7/2008
KR	30-0303422 S *	7/2002
KR	10-2004-0017533 A	2/2004
KR	30-03626555	9/2004
KR	30-0394240 S *	10/2005
KR	30-0410728 S *	4/2006
KR	30-0422513 S *	8/2006
WO	9506420 A1	3/1995
WO	9601578 A1	1/1996
WO	4444243 A1	6/1996
WO	9616571 A1	6/1996
WO	97/20484	6/1997
WO	9805239 A1	2/1998

US D642,804 S

WO	9805240	A1	2/1998	WO	2004043669		5/2004
WO	0076369	A2	12/2000	WO	2004071237	A1	8/2004
WO	0196088		12/2001	WO	2006003598	A1	1/2006
WO	0206034	A1	1/2002	WO	2006037065	A1	4/2006
WO	WO 03/055351		7/2003	WO	2007053034		5/2007
WO	03075711	A1	9/2003				
WO	2004026074	A1	4/2004				

* cited by examiner

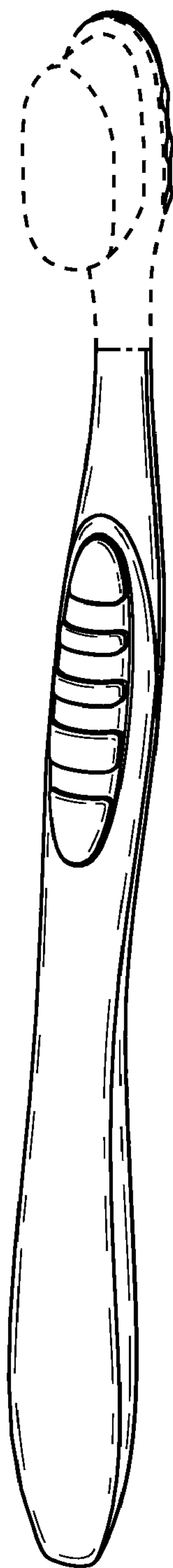


FIG. 1

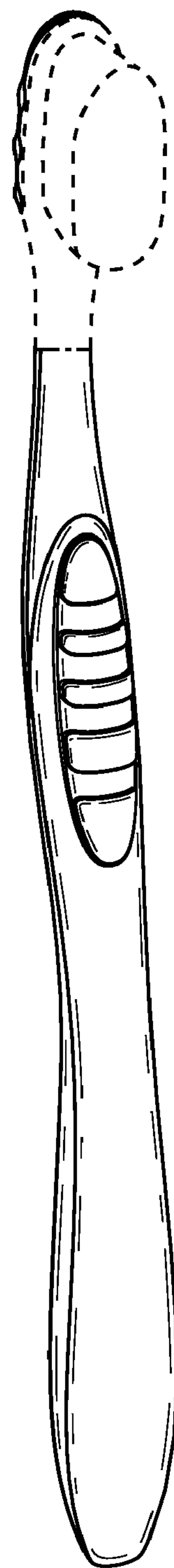


FIG. 2

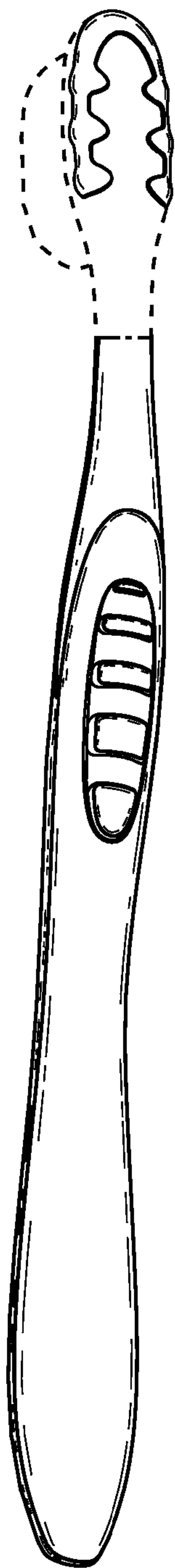


FIG. 3

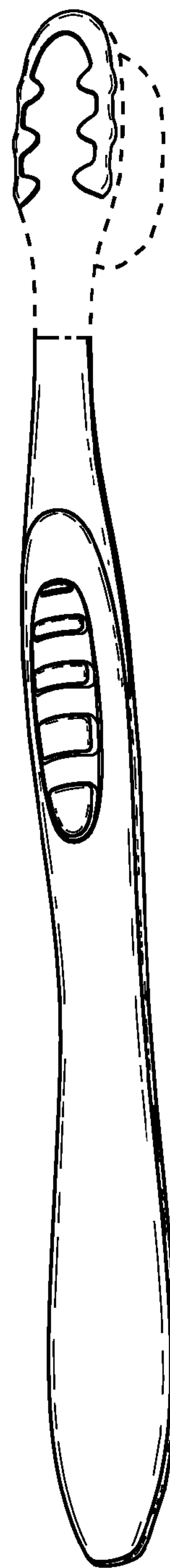


FIG. 4

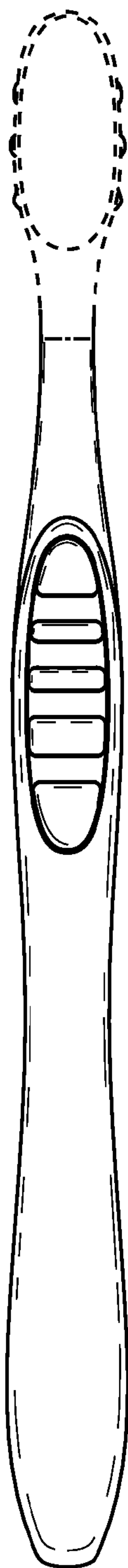


FIG. 5

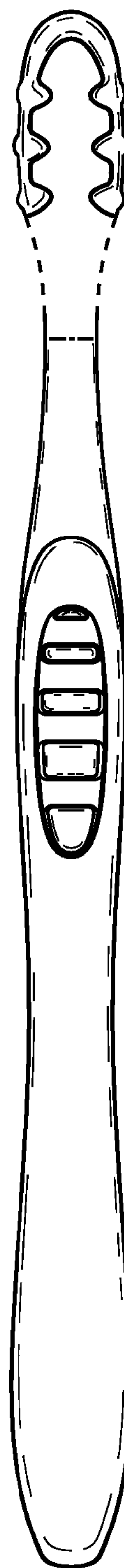


FIG. 6

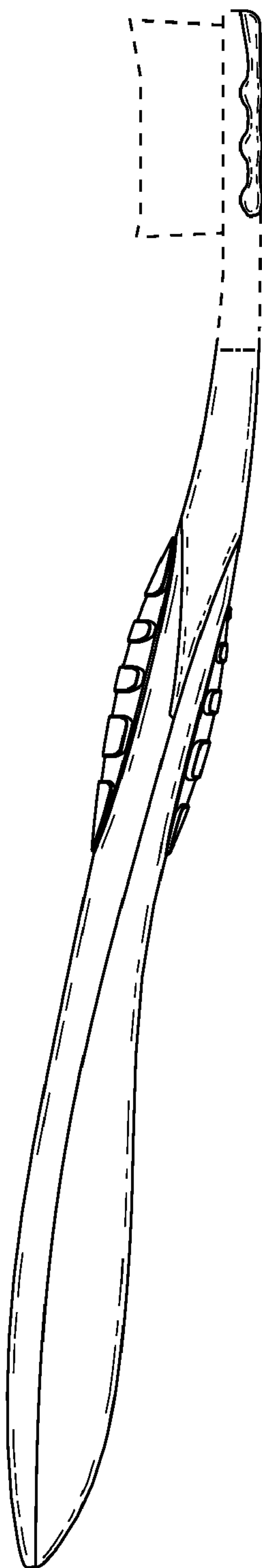


FIG. 7

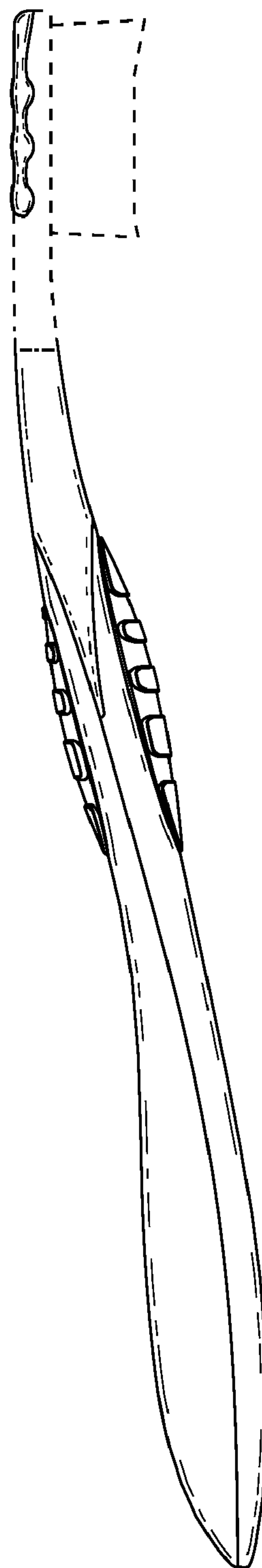


FIG. 8

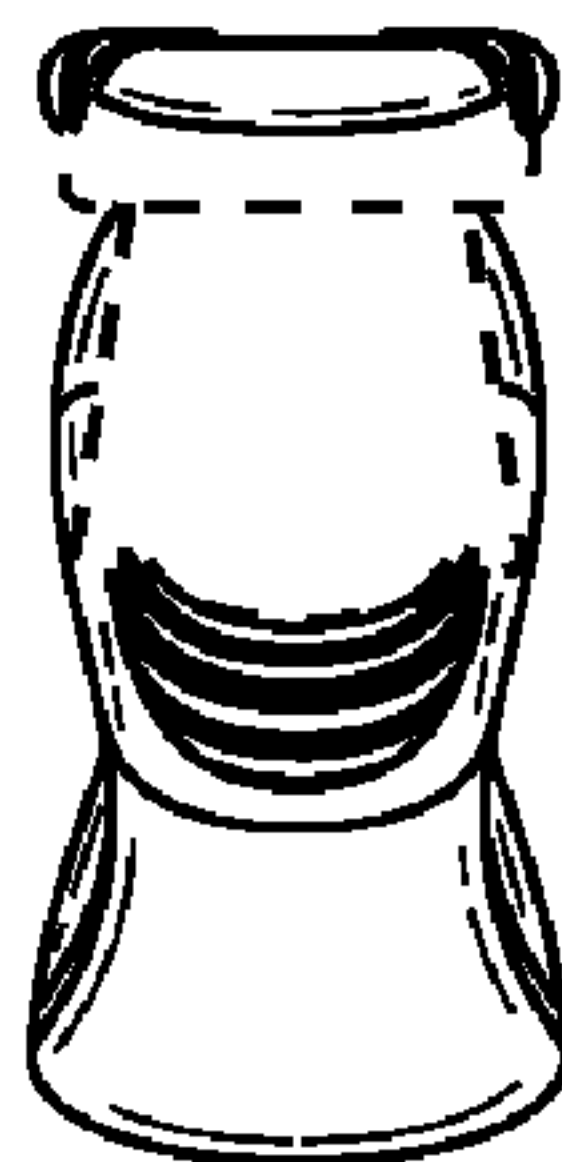


FIG. 9

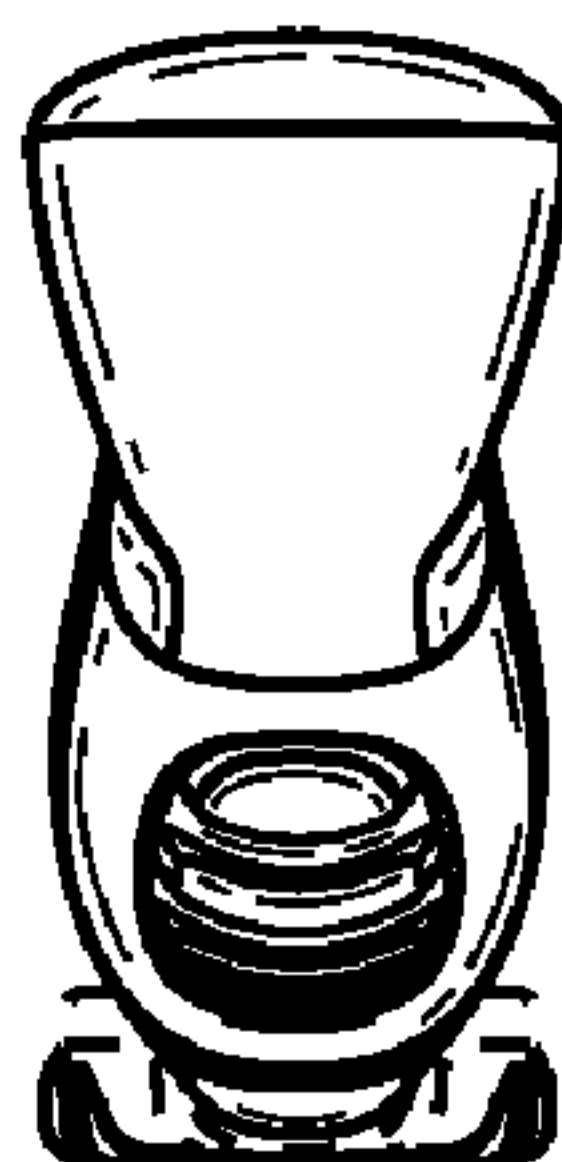


FIG. 10

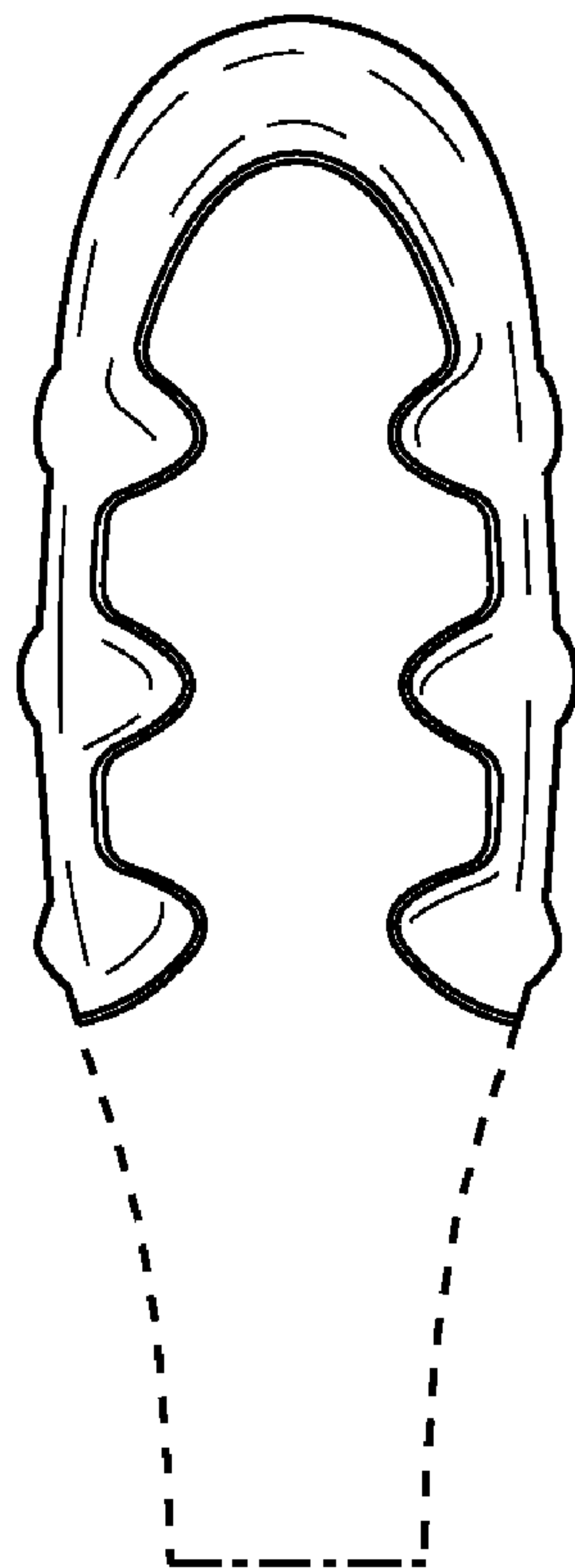


FIG. 11