



US00D712155S

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

(10) **Patent No.:** **US D712,155 S**
(45) **Date of Patent:** **** Sep. 2, 2014**

(54) **TOOTHBRUSH**

(75) Inventors: **Xiang Ji Ding**, YangZhou (CN); **Yu Liu**, Wuxi (CN); **Wen Jin Xi**, Shanghai (CN); **Al Sprosta**, Maplewood, NJ (US); **Kenneth Waguespack**, North Brunswick, NJ (US)

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

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

(21) Appl. No.: **29/390,965**

(22) Filed: **May 2, 2011**

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

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

(58) **Field of Classification Search**
USPC D4/101, 104-112, 132-134, 138;
D28/46, 48; 15/110, 143.1, 167.1,
15/167.2; 16/430; 132/308-311; 601/139,
601/141

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | |
|-------------|---------|------------------|
| 5,628,082 A | 5/1997 | Moskovich |
| D403,509 S | 1/1999 | Vonarburg |
| D415,532 S | 10/1999 | Tobin |
| D419,773 S | 2/2000 | Beals et al. |
| D427,437 S | 7/2000 | Vonarburg |
| D429,566 S | 8/2000 | Yoshimoto et al. |
| D438,012 S | 2/2001 | Cheong et al. |
| D458,453 S | 6/2002 | Baertschi |
| D465,927 S | 11/2002 | Saindon et al. |
| D466,303 S | 12/2002 | Saindon et al. |
| D466,694 S | 12/2002 | Saindon et al. |
| D469,958 S | 2/2003 | Saindon et al. |
| D470,312 S | 2/2003 | Saindon et al. |
| D471,362 S | 3/2003 | Moskovich et al. |
| D478,424 S | 8/2003 | Saindon et al. |

(Continued)

FOREIGN PATENT DOCUMENTS

AU 339617 11/2011
AU 339618 11/2011

(Continued)

OTHER PUBLICATIONS

WIPO DM/065896 Registered Design Application, (Trisa Holding AG) Nov. 30, 2004, [online], [retrieved on Sep. 9, 2012] Retrieved from the Hague Express Design Database of the World Intellectual Property Organization using the Internet: <URL: http://www.wipo.int>.

Primary Examiner — Melanie H Tung

Assistant Examiner — Lavone D Tabor

(74) *Attorney, Agent, or Firm* — Thibault Fayette

(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 left side view thereof;

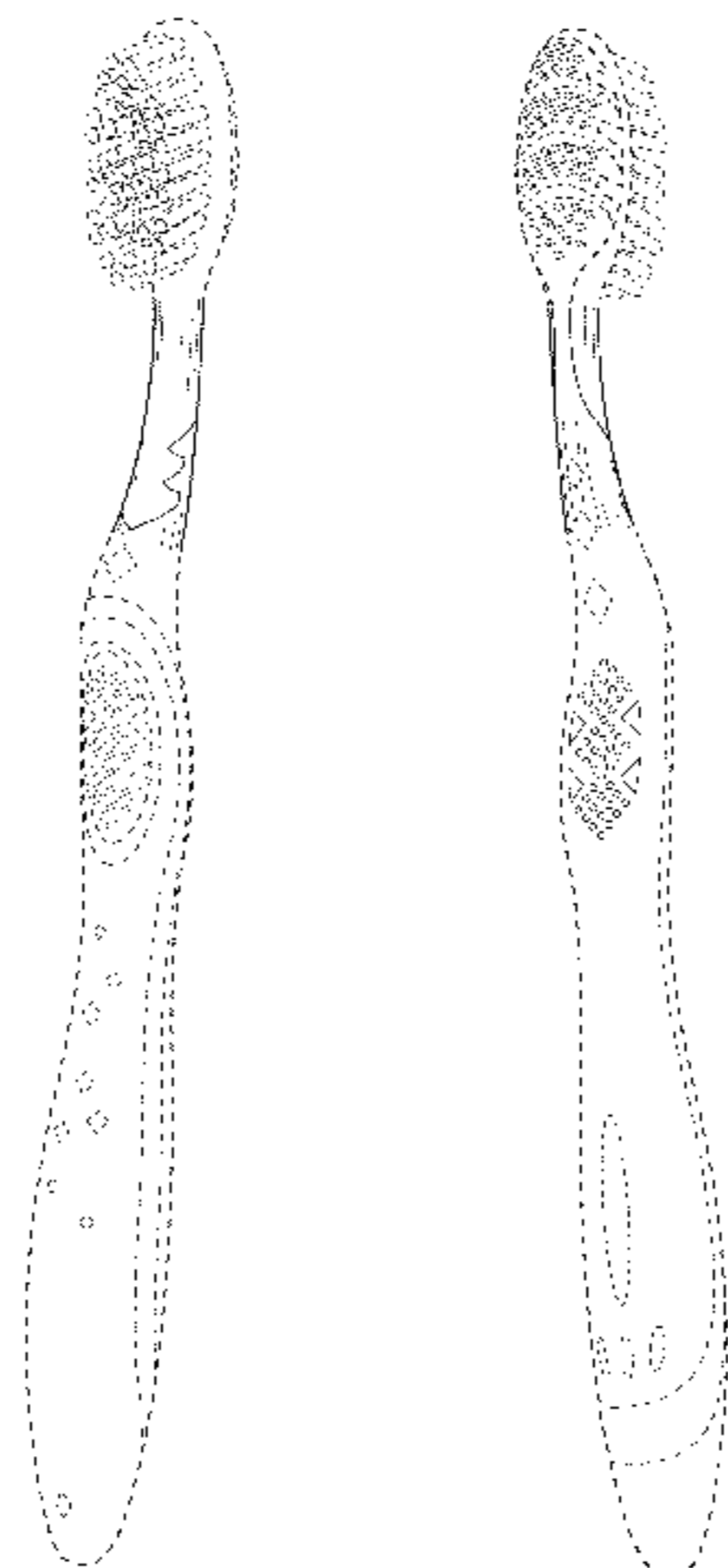
FIG. 8 is a right side view thereof;

FIG. 9 is a top view thereof; and,

FIG. 10 is a bottom view thereof.

The claim is limited to the neck portion of the handle and the slightly raised features on the rear midsection of the handle. The broken lines that are immediately adjacent the surface shading represent the bounds of the claim and form no part thereof. The broken lines showing the head and the remainder of the handle illustrate portions of the toothbrush that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | |
|-----------------|---------|------------------|----|-----------------|---------|
| D480,214 S | 10/2003 | Kling et al. | CN | 3405066 | 11/2004 |
| D480,562 S | 10/2003 | Saindon et al. | CN | 3453100 | 6/2005 |
| D485,989 S | 2/2004 | Winkler et al. | CN | 300697133 | 10/2007 |
| D488,621 S | 4/2004 | Wong | CN | 300840015 | 10/2008 |
| D494,370 S | 8/2004 | Wong | CN | 300895204 | 3/2009 |
| D498,926 S | 11/2004 | Wong | CN | 300962292 | 7/2009 |
| D502,603 S | 3/2005 | Seifert et al. | CN | 301000158 | 9/2009 |
| D506,873 S | 7/2005 | Kling | CN | 301063679 | 11/2009 |
| D507,114 S | 7/2005 | Seifert et al. | CN | 301249298 | 6/2010 |
| D526,789 S | 8/2006 | Wong | DE | 40502078-0001 S | 10/2005 |
| D527,526 S | 9/2006 | Kling et al. | DE | 40603004-0006 S | 10/2006 |
| D527,906 S | 9/2006 | Kling et al. | EM | 000065677-0001 | 1/2004 |
| D527,907 S | 9/2006 | Kling et al. | EM | 000079975-0001 | 2/2004 |
| D531,412 S | 11/2006 | Wong | EM | 000139423-0001 | 6/2004 |
| D531,414 S | 11/2006 | Wong | EM | 000139423-0002 | 6/2004 |
| D533,351 S | 12/2006 | Wong | EM | 000139423-0003 | 6/2004 |
| 7,240,390 B2 | 7/2007 | Pfenniger et al. | EM | 000174701-0001 | 7/2004 |
| D549,965 S | 9/2007 | Wong | EM | 000206065-0009 | 10/2004 |
| D557,014 S | 12/2007 | Wong | EM | 000206065-0010 | 10/2004 |
| D557,503 S | 12/2007 | Wong | EM | 000255559-0011 | 2/2005 |
| D559,546 S | 1/2008 | Wong | EM | 000458443-0002 | 2/2006 |
| D575,064 S | 8/2008 | Wong | EM | 000508023-0002 | 10/2006 |
| D582,162 S | 12/2008 | Moskovich | EM | 000508023-0006 | 10/2006 |
| D582,682 S | 12/2008 | Kling et al. | EM | 000508023-0009 | 10/2006 |
| D612,613 S | 3/2010 | Pusch et al. | EM | 000605480-0002 | 11/2006 |
| D614,868 S | 5/2010 | Goldman et al. | EM | 000624093-0005 | 1/2007 |
| D615,761 S | 5/2010 | Wong | EM | 000624093-0022 | 1/2007 |
| D628,389 S | 12/2010 | Ravindran et al. | EM | 000749445-0004 | 7/2007 |
| D628,808 S | 12/2010 | Xi et al. | EM | 001091284-0010 | 5/2009 |
| D632,484 S | 2/2011 | Jimenez et al. | EM | 001091284-0012 | 5/2009 |
| D651,407 S | 1/2012 | Jin et al. | EM | 001751207-0001 | 10/2010 |
| D657,568 S | 4/2012 | Jimenez et al. | GB | D2053386 | 2/1997 |
| D658,886 S | 5/2012 | Jin et al. | GB | D2062120 | 3/1997 |
| 2008/0201884 A1 | 8/2008 | Vazquez et al. | GB | D3023615 | 2/2006 |
| | | | GB | D4008227 | 8/2008 |
| | | | GB | D4016552 | 8/2010 |
| | | | HK | 1101802.5-M001 | 11/2011 |
| | | | HK | 1101802.5-M002 | 11/2011 |
| | | | HK | 1101802.5-M003 | 11/2011 |
| | | | HK | 1101804.9-M001 | 11/2011 |
| | | | HK | 1101804.9-M002 | 11/2011 |
| AU | 339619 | 11/2011 | RU | 57551 S | 9/2005 |
| AU | 339620 | 11/2011 | TW | D127550 S | 3/2009 |
| CN | 3348940 | 1/2004 | | | |

FOREIGN PATENT DOCUMENTS

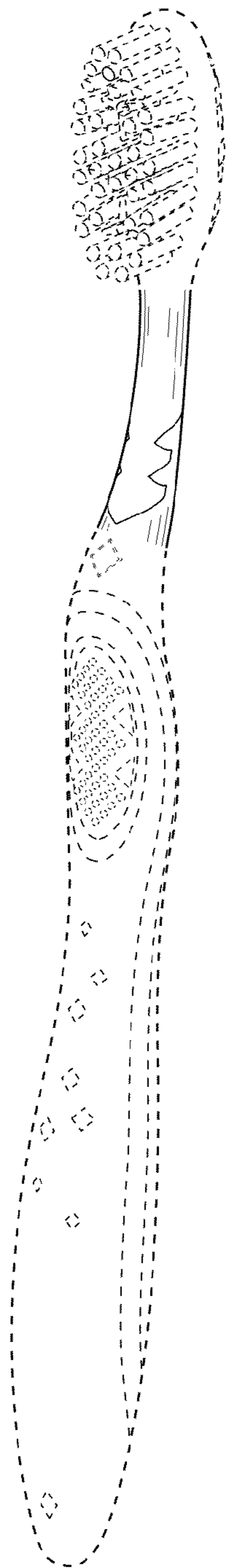


FIG. 1

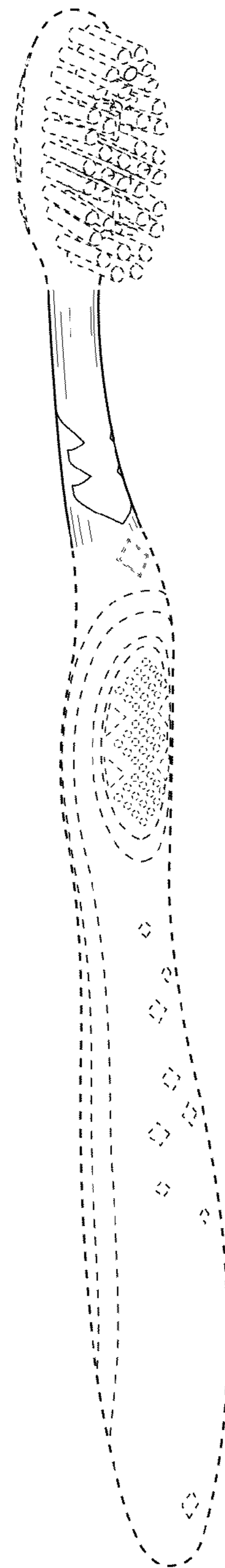


FIG. 2

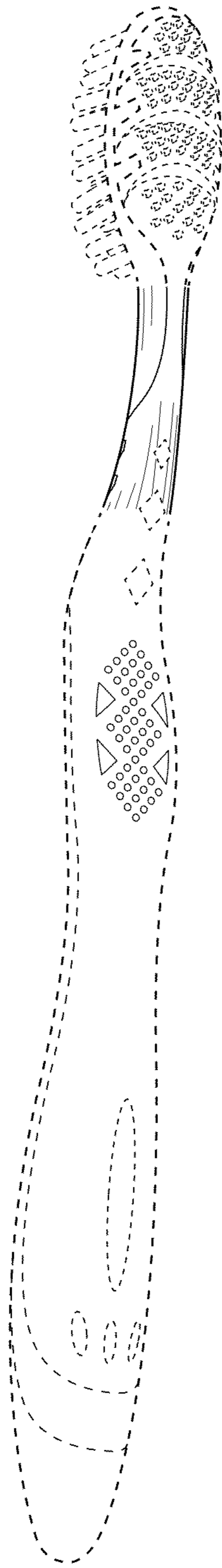


FIG. 3

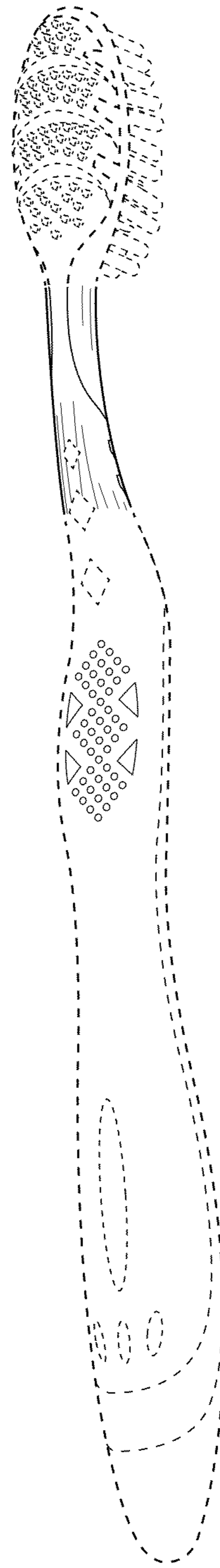


FIG. 4

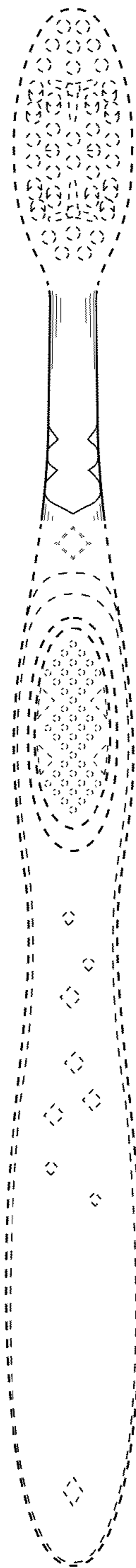


FIG. 5

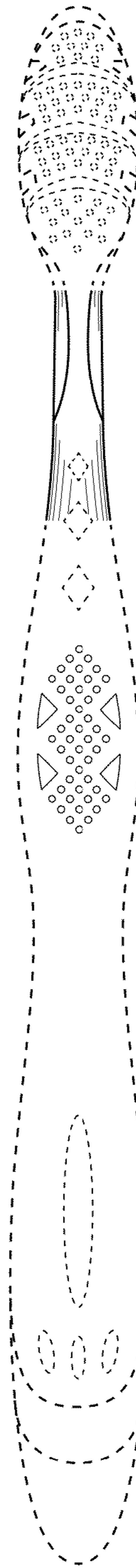


FIG. 6

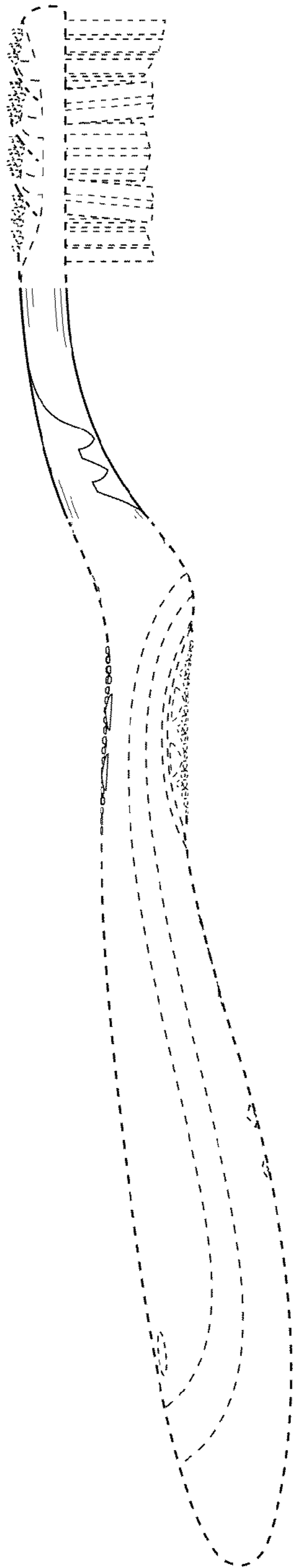


FIG. 7

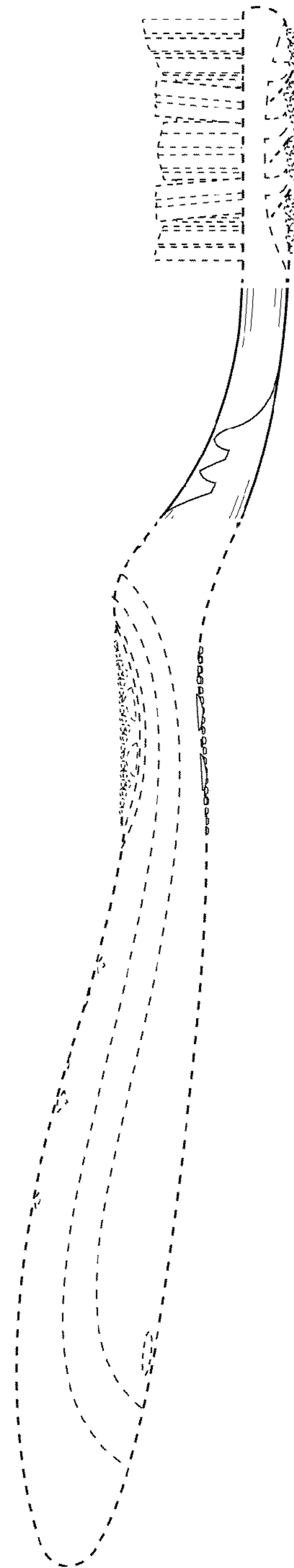


FIG. 8

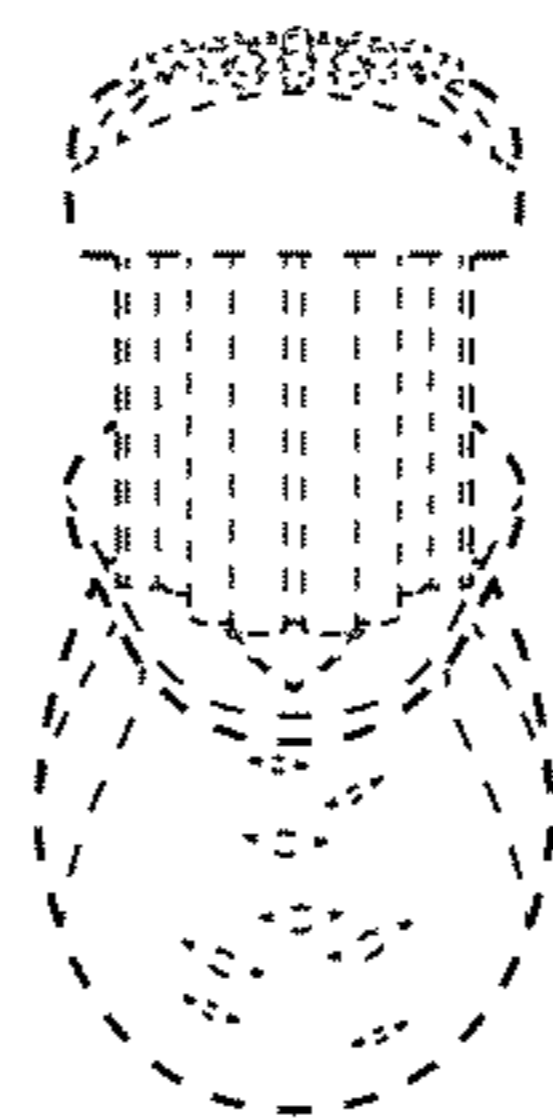


FIG. 9



FIG. 10