

US00D675830S

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

(10) **Patent No.:** **US D675,830 S**
(45) **Date of Patent:** **** Feb. 12, 2013**

(54) **TOOTHBRUSH**

5,355,544 A 10/1994 Dirksing
5,392,483 A 2/1995 Heinzelman et al.
(Continued)

(75) Inventors: **Eduardo Jimenez**, Manalapan, NJ (US);
Michael Rooney, Millburn, NJ (US);
Robert Moskovich, East Brunswick, NJ
(US); **Andreas Wechsler**, Zell am See
(AT); **Joachim Storz**, Zell am See (AT);
Raimund Klaussegger, Vienna (AT)

FOREIGN PATENT DOCUMENTS

EM 000749445-003 6/2007
EP 0449655 10/1991
(Continued)

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

OTHER PUBLICATIONS

CN 3352016 Registered Design Application, (Zeng Fankun) Feb. 11,
2004, [online], [retrieved on Jul. 8, 2011] Retrieved from the Questel
Intellectual Property Portal Design Database using the Internet:
<URL: http://www.orbit.com>.*
CN 301016574 Registered Design Application, (Tu Jinxiang) Sep.
23, 2009, [online], [retrieved on Jun. 14, 2011] Retrieved from the
Questel Intellectual Property Portal Design Database using the
Internet: <URL: http://www.orbit.com>.*
Written Opinion in International Application No. PCT/US09/
068647, mailed Mar. 29, 2012.

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

Primary Examiner — Lavone D. Tabor

(21) Appl. No.: **29/352,273**

(22) Filed: **Dec. 18, 2009**

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

(52) **U.S. Cl.** **D4/108**

(58) **Field of Classification Search** D4/104–112,
D4/132–134, 138; D28/46, 48; 15/110,
15/143.1, 167.1, 167.2; 132/308–311; 601/139,
601/141; 16/430, 431; 606/161
See application file for complete search history.

(57) **CLAIM**

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

(56) **References Cited**

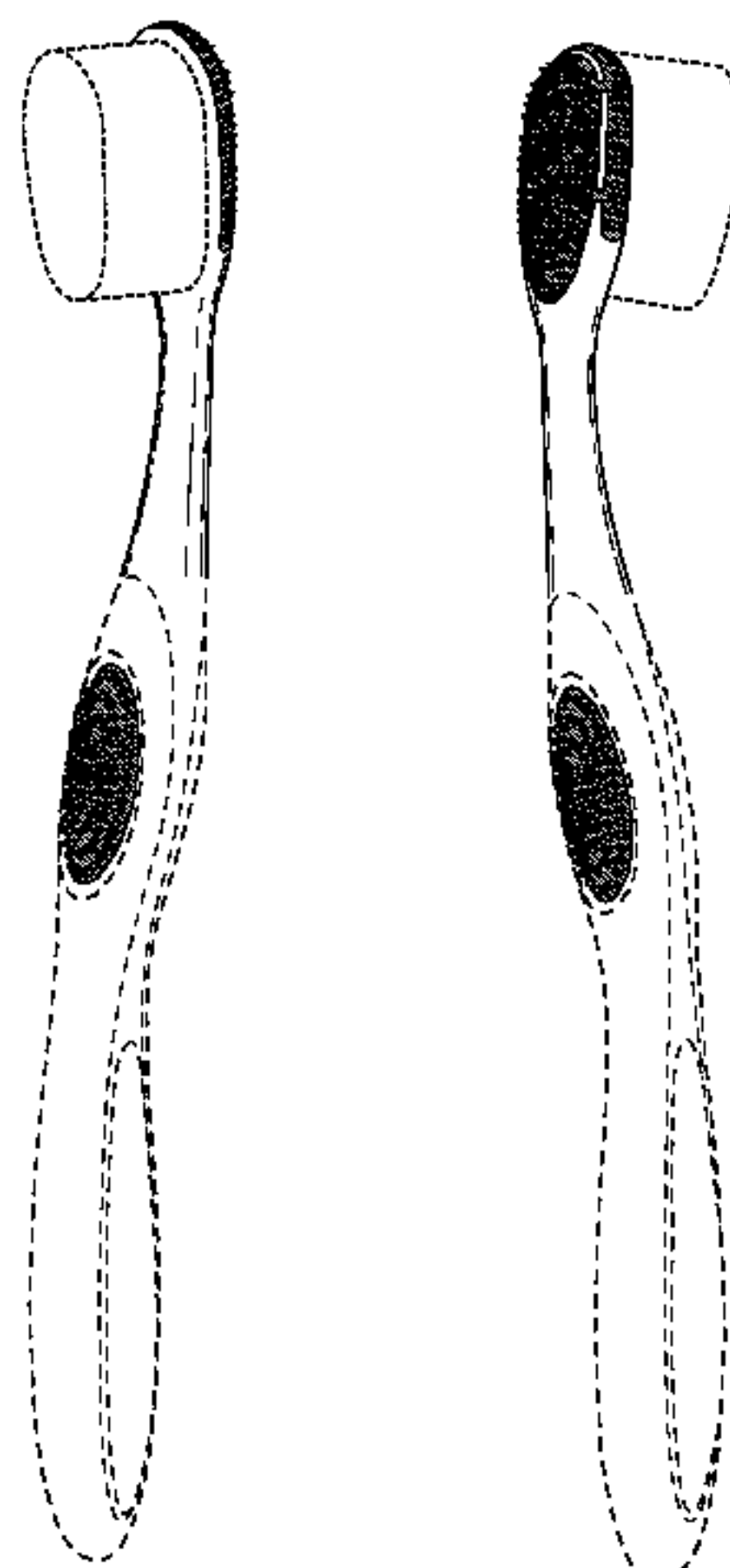
DESCRIPTION

U.S. PATENT DOCUMENTS

1,968,411 A	7/1934	Lukenbill
2,117,174 A	5/1938	Jones
2,978,724 A	4/1961	Gracian
3,337,893 A	8/1967	Fine et al.
3,553,759 A	1/1971	Kramer et al.
4,010,509 A	3/1977	Huish
4,277,862 A	7/1981	Weideman
4,283,808 A	8/1981	Beebe
4,517,701 A	5/1985	Stanford, Jr.
4,535,014 A	8/1985	Wright
4,959,052 A	9/1990	Cox
5,087,403 A	2/1992	Weihrauch
5,226,197 A	7/1993	Nack et al.
5,256,048 A	10/1993	Jacobs et al.
5,305,489 A	4/1994	Lage
D347,736 S	6/1994	Schneider et al.
5,331,704 A	7/1994	Rosen et al.
5,335,389 A	8/1994	Curtis et al.
5,341,537 A	8/1994	Curtis et al.

FIG. 1 is a right front perspective view of a toothbrush accord-
ing 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; and,
FIG. 10 is a bottom view thereof.
The grayscale shaded areas shown in FIGS. 1-10 represent a
tonal contrast in appearance with respect to other portions of
the toothbrush and does not represent any specific material,
color, or texture. All broken lines shown in the drawings are
for environmental purposes only and form no part of the
claimed design.

1 Claim, 5 Drawing Sheets



US D675,830 S

Page 2

U.S. PATENT DOCUMENTS							
5,398,369	A	3/1995	Heinzelman et al.	D462,173	S	9/2002	Eliav et al.
5,446,940	A	9/1995	Curtis et al.	D462,525	S	9/2002	Grau et al.
5,459,898	A	10/1995	Bacolot	D462,528	S	9/2002	Crossman et al.
D368,163	S	3/1996	Overthun	6,442,787	B2	9/2002	Hohlbein
5,604,951	A	2/1997	Shipp	6,447,280	B1	9/2002	Grimm
5,628,082	A	5/1997	Moskovich	D463,668	S	10/2002	Yoshimoto et al.
5,630,244	A	5/1997	Chang	D464,133	S	10/2002	Barnett et al.
5,655,249	A	8/1997	Li	6,464,920	B1	10/2002	Kramer
D390,706	S	2/1998	Hohlbein et al.	D469,958	S	2/2003	Saindon et al.
5,735,012	A	4/1998	Heinzelman et al.	6,514,445	B1	2/2003	Cann et al.
5,742,972	A	4/1998	Bredall et al.	6,523,907	B1	2/2003	Buckner et al.
5,758,383	A	6/1998	Hohlbein	D471,363	S	3/2003	Grau et al.
5,761,759	A	6/1998	Leversby et al.	6,546,583	B1	4/2003	Rohrig
5,781,958	A	7/1998	Meessmann et al.	D474,608	S	5/2003	Hohlbein
5,787,540	A	8/1998	Hirschmann	D475,200	S	6/2003	Crossman et al.
D403,509	S	1/1999	Vonarburg	D475,531	S	6/2003	Klimeck et al.
D404,205	S	1/1999	Hohlbein	D476,487	S	7/2003	Saindon et al.
D404,206	S	1/1999	Hohlbein	6,599,048	B2	7/2003	Kuo
5,863,102	A	1/1999	Waguespack et al.	D478,216	S	8/2003	Lee et al.
5,864,915	A	2/1999	Ra	D478,424	S	8/2003	Saindon et al.
5,898,967	A	5/1999	Wu et al.	D478,727	S	8/2003	Wong
5,903,949	A	5/1999	Halm	6,601,272	B2	8/2003	Stvartak et al.
5,926,900	A	7/1999	Bennett	D479,914	S	9/2003	Choong
5,946,758	A	9/1999	Hohlbein et al.	D480,214	S	10/2003	Kling et al.
5,970,564	A	10/1999	Inns et al.	D482,199	S	11/2003	DeSalvo
D416,685	S	11/1999	Overthun	6,652,941	B1	11/2003	Chadwick et al.
5,991,958	A	11/1999	Hohlbein	D483,569	S	12/2003	Wong
D419,773	S	2/2000	Beals et al.	6,658,688	B2	12/2003	Gavney, Jr.
D420,802	S	2/2000	Cheong et al.	6,668,416	B1	12/2003	Georgi et al.
6,041,468	A	3/2000	Chen et al.	D485,989	S	2/2004	Winkler et al.
6,051,176	A	4/2000	Boucherie	D486,649	S	2/2004	Sprosta et al.
6,073,299	A	6/2000	Hohlbein	6,687,940	B1	2/2004	Gross et al.
6,076,223	A	6/2000	Dair et al.	D487,195	S	3/2004	Winkler
D427,437	S	7/2000	Vonarburg	D488,621	S	4/2004	Wong
6,088,870	A	7/2000	Hohlbein	D490,613	S	6/2004	Wong
6,092,252	A	7/2000	Fischer et al.	6,776,597	B2	8/2004	Buhler
D429,887	S	8/2000	Hohlbein et al.	6,783,346	B2	8/2004	Bodmer et al.
6,101,659	A	8/2000	Halm	D498,926	S	11/2004	Wong
6,108,849	A	8/2000	Weihrauch	6,810,551	B1	11/2004	Weihrauch
6,108,851	A	8/2000	Bredall et al.	6,820,299	B2	11/2004	Gavney, Jr.
6,108,869	A	8/2000	Meessmann et al.	6,820,300	B2	11/2004	Gavney, Jr.
6,119,296	A	9/2000	Noe et al.	D501,724	S	2/2005	Li et al.
6,131,228	A	10/2000	Chen et al.	6,854,965	B2	2/2005	Ebner et al.
6,138,315	A	10/2000	Schmitt et al.	D502,322	S	3/2005	Bava et al.
6,158,444	A	12/2000	Weihrauch	6,859,969	B2	3/2005	Gavney, Jr. et al.
6,161,245	A	12/2000	Weihrauch	D503,538	S	4/2005	Desalvo
6,178,583	B1	1/2001	Volpenhein	6,886,207	B1	5/2005	Solanki
D438,012	S	2/2001	Cheong et al.	6,895,629	B1	5/2005	Wenzler
D440,048	S	4/2001	Beals et al.	6,919,038	B2	7/2005	Meyer et al.
D441,958	S	5/2001	Rueb	6,938,293	B2	9/2005	Eliav et al.
6,234,798	B1	5/2001	Beals et al.	6,944,903	B2	9/2005	Gavney, Jr.
6,237,183	B1	5/2001	Fischer	D511,249	S	11/2005	Hohlbein
6,254,390	B1	7/2001	Wagner	6,968,590	B2	11/2005	Ponzini
6,276,019	B1	8/2001	Leversby et al.	6,972,106	B2	12/2005	Huber et al.
6,276,020	B1	8/2001	Leversby et al.	D513,882	S	1/2006	Hohlbein et al.
6,276,021	B1	8/2001	Hohlbein	6,988,777	B2	1/2006	Pfenniger et al.
6,292,973	B1	9/2001	Moskovich et al.	6,990,706	B2	1/2006	Broecker et al.
D448,571	S	10/2001	Harris et al.	D514,320	S	2/2006	Hohlbein
6,298,516	B1	10/2001	Beals et al.	6,996,870	B2	2/2006	Hohlbein
6,308,367	B1	10/2001	Beals et al.	7,003,839	B2	2/2006	Hafliger et al.
D450,457	S	11/2001	Hohlbein	D516,818	S	3/2006	Hohlbein et al.
6,314,606	B1	11/2001	Hohlbein	D516,819	S	3/2006	Hohlbein
D451,286	S	12/2001	Hohlbein	D517,812	S	3/2006	Hohlbein et al.
D453,270	S	2/2002	Choong	D517,813	S	3/2006	Hohlbein et al.
6,352,545	B1	3/2002	Wagner	7,007,332	B2	3/2006	Hohlbein
6,353,958	B2	3/2002	Weihrauch	7,020,928	B2	4/2006	Hohlbein
6,357,074	B1	3/2002	Weihrauch	D520,753	S	5/2006	Hohlbein
D455,011	S	4/2002	Luchino et al.	7,039,984	B1	5/2006	Watanabe et al.
D456,138	S	4/2002	Hohlbein	7,047,591	B2	5/2006	Hohlbein
D456,139	S	4/2002	Hohlbein	7,055,205	B2	6/2006	Aoyama
D457,323	S	5/2002	Hohlbein	7,069,615	B2	7/2006	Gavney, Jr.
D457,325	S	5/2002	Wilson et al.	D526,789	S	8/2006	Wong
6,385,808	B1	5/2002	Yamada et al.	7,083,756	B2	8/2006	Strahler
D458,453	S	6/2002	Baertschi	7,089,621	B2	8/2006	Hohlbein
D459,086	S	6/2002	Belton et al.	D527,528	S	9/2006	Hohlbein
6,397,425	B1	6/2002	Szczeczek et al.	D527,906	S	9/2006	Kling et al.
D461,313	S	8/2002	Hohlbein	D528,803	S	9/2006	Hohlbein
D461,642	S	8/2002	Blaustein et al.	D531,415	S	11/2006	Won
				D532,202	S	11/2006	Hohlbein

US D675,830 S

D532,607 S	11/2006	Hohlbein	2004/0088812 A1	5/2004	Weihrauch
7,141,197 B2	11/2006	Chadwick et al.	2004/0094866 A1	5/2004	Boucherie
D532,975 S	12/2006	Lonngren	2004/0139569 A1	7/2004	Chen
D533,351 S	12/2006	Wong	2004/0181889 A1	9/2004	Huber et al.
7,143,462 B2	12/2006	Hohlbein	2004/0255416 A1	12/2004	Hohlbein
7,146,675 B2	12/2006	Ansari et al.	2005/0091767 A1	5/2005	Jimenez et al.
D535,823 S	1/2007	Crossman	2005/0109364 A1	5/2005	Gross et al.
7,168,125 B2	1/2007	Hohlbein	2005/0138743 A1	6/2005	Huber et al.
7,174,596 B2	2/2007	Fischer et al.	2005/0166343 A1	8/2005	Gavney, Jr.
7,181,799 B2	2/2007	Gavney, Jr. et al.	2005/0235439 A1	10/2005	Braun et al.
7,182,542 B2	2/2007	Hohlbein	2005/0260394 A1	11/2005	Ajbani et al.
7,213,288 B2	5/2007	Hohlbein	2006/0019097 A1	1/2006	Weihrauch
7,219,384 B2	5/2007	Hohlbein	2006/0021173 A1	2/2006	Huber et al.
7,237,974 B2	7/2007	Pfenniger et al.	2006/0057087 A1	3/2006	Moskovich et al.
7,241,413 B2	7/2007	Pfenniger et al.	2006/0060461 A1	3/2006	Kerzog et al.
7,261,851 B2	8/2007	Hafliger et al.	2006/0080799 A1	4/2006	Lucente
D549,965 S	9/2007	Wong	2006/0085932 A1	4/2006	Santos
7,264,868 B2	9/2007	Ajbani et al.	2006/0099162 A1	5/2006	Moskovich et al.
7,273,327 B2	9/2007	Hohlbein et al.	2006/0107478 A1	5/2006	Boucherie
7,297,303 B2	11/2007	Kraemer	2006/0123574 A1	6/2006	Storkel et al.
D557,014 S	12/2007	Wong	2006/0129171 A1	6/2006	Moskovich
D557,503 S	12/2007	Wong	2006/0200925 A1	9/2006	Moskovich et al.
D557,504 S	12/2007	Hohlbein	2006/0213018 A1	9/2006	Gross et al.
D557,505 S	12/2007	Hohlbein	2006/0230563 A1	10/2006	Gavney, Jr.
7,310,846 B1	12/2007	Archilbeque	2006/0230652 A1	10/2006	Little
7,322,067 B2	1/2008	Hohlbein	2006/0272112 A9	12/2006	Braun et al.
D562,560 S	2/2008	Hohlbein	2006/0288510 A1	12/2006	Georgi et al.
7,331,731 B2	2/2008	Hohlbein et al.	2007/0033757 A1	2/2007	Storkel et al.
D566,401 S	4/2008	Crossman	2007/0128442 A1	6/2007	Buehler
7,354,112 B2	4/2008	Fischer et al.	2007/0143942 A1	6/2007	Fox et al.
D569,624 S	5/2008	Porter et al.	2007/0151058 A1	7/2007	Georgi et al.
D569,625 S	5/2008	Porter et al.	2007/0151575 A1	7/2007	De Masi, Jr.
7,383,619 B2	6/2008	Gross et al.	2007/0174985 A1	8/2007	Steven, Jr.
7,386,909 B2	6/2008	Hohlbein	2007/0186453 A1	8/2007	Little et al.
7,415,788 B2	8/2008	Little et al.	2007/0199168 A1	8/2007	Blanchard et al.
D577,493 S	9/2008	Wong	2007/0204417 A1	9/2007	Russell et al.
7,418,759 B2	9/2008	Huber et al.	2007/0222109 A1	9/2007	Pfenniger et al.
7,445,295 B2	11/2008	Fischer et al.	2007/0251040 A1	11/2007	Braun et al.
D582,681 S	12/2008	Geiberger et al.	2007/0256259 A1	11/2007	Hafliger et al.
7,458,125 B2	12/2008	Hohlbein	2007/0266507 A1	11/2007	Huber et al.
7,458,647 B2	12/2008	Fischer et al.	2007/0283517 A1	12/2007	Blanchard et al.
7,472,448 B2	1/2009	Hohlbein et al.	2007/0283518 A1	12/2007	Blanchard et al.
7,472,965 B2	1/2009	Huber et al.	2008/0014010 A1	1/2008	Bartschi et al.
7,478,959 B2	1/2009	Hohlbein	2008/0028558 A1	2/2008	Kwon
7,480,955 B2	1/2009	Hohlbein et al.	2008/0060155 A1	3/2008	Braun et al.
D589,256 S	3/2009	Taylor et al.	2008/0086827 A1	4/2008	Waguespack et al.
D589,260 S	3/2009	Hohlbein	2008/0178401 A1	7/2008	Claire-Zimmet et al.
7,520,571 B2	4/2009	Fischer et al.	2008/0178406 A1	7/2008	Sekercioglu et al.
7,556,320 B2	7/2009	Hafliger et al.	2008/0201884 A1*	8/2008	Vazquez et al. 15/167.1
7,562,411 B2	7/2009	Gavney, Jr.	2008/0271271 A1	11/2008	Chan
D598,199 S	8/2009	Russell et al.	2008/0276398 A1	11/2008	Nanda
D599,556 S	9/2009	Russell et al.	2008/0315668 A1	12/2008	Huber et al.
7,594,293 B2	9/2009	Xi et al.	2009/0038091 A1	2/2009	Denney et al.
7,721,376 B2	5/2010	Hohlbein et al.	2009/0064429 A1	3/2009	Hall et al.
7,722,274 B2	5/2010	Hohlbein et al.	2009/0126132 A1	5/2009	Hafliger et al.
7,725,980 B2	6/2010	Moskovich	2009/0136610 A1	5/2009	Boucherie
7,735,174 B2	6/2010	Hohlbein et al.	2009/0151101 A1	6/2009	Bielfeldt et al.
7,743,448 B2	6/2010	Gavney, Jr.	2009/0158540 A1	6/2009	Baertschi et al.
D637,401 S *	5/2011	Pusch et al. D4/104	2009/0183331 A1	7/2009	Gross et al.
D654,695 S	2/2012	Jimenez et al.	2009/0188063 A1	7/2009	Baertschi et al.
D654,696 S	2/2012	Jimenez et al.	2009/0193600 A1	8/2009	Pennell et al.
2001/0047556 A1	12/2001	Weihrauch	2010/0043162 A1	2/2010	Zimmermann et al.
2002/0124864 A1	9/2002	Gross et al.	2010/0050356 A1	3/2010	Baertschi et al.
2002/0138931 A1	10/2002	Davies	2010/0257683 A1	10/2010	Boyd et al.
2002/0170145 A1	11/2002	Stvartak et al.	2010/0306941 A1	12/2010	Erskine-Smith et al.
2003/0035953 A1	2/2003	Weihrauch	2011/0308029 A1	12/2011	Edelstein et al.
2003/0056311 A1	3/2003	Broecker et al.			
2003/0070259 A1	4/2003	Brown et al.			
2003/0115705 A1	6/2003	Aoyama			
2003/0115706 A1	6/2003	Ponzini			
2003/0163884 A1	9/2003	Weihrauch			
2003/0191417 A1	10/2003	Welt et al.			
2003/0208870 A1	11/2003	Jimenez			
2003/0229959 A1	12/2003	Gavney, Jr. et al.			
2004/0010876 A1	1/2004	Kraemer			
2004/0021253 A1	2/2004	Galletti			
2004/0025272 A1	2/2004	Stvartak et al.			
2004/0032159 A1	2/2004	Buckner et al.			
2004/0040572 A1	3/2004	Chodorow			

FOREIGN PATENT DOCUMENTS

EP	1607021	12/2005
EP	1621106	2/2006
GB	2375705	11/2002
JP	2002-325632 A	11/2002
JP	2008-302164 A	12/2008
JP	2009-273760 A	11/2009
KR	30-0410728 S *	4/2006
KR	30-0436408 S *	1/2007
KR	30-0454109 S *	6/2007
KR	30-0520521 S *	2/2009
WO	WO9409678	5/1994

US D675,830 S

Page 4

WO	WO9601578	1/1996	WO	WO 2007/073917	7/2007
WO	WO9628994	9/1996	WO	WO 2008/000800	1/2008
WO	WO9707706	3/1997	WO	WO 2008/064873	6/2008
WO	WO9807348	2/1998	WO	WO2008090529	7/2008
WO	WO0064307	11/2000	WO	WO 2011/084115	7/2011
WO	WO 2004/019801	3/2004	WO	WO 2011/084116	7/2011
WO	WO 2004/026162	4/2004			
WO	WO2004112535	12/2004			
WO	WO 2007/051203	5/2007			

* cited by examiner

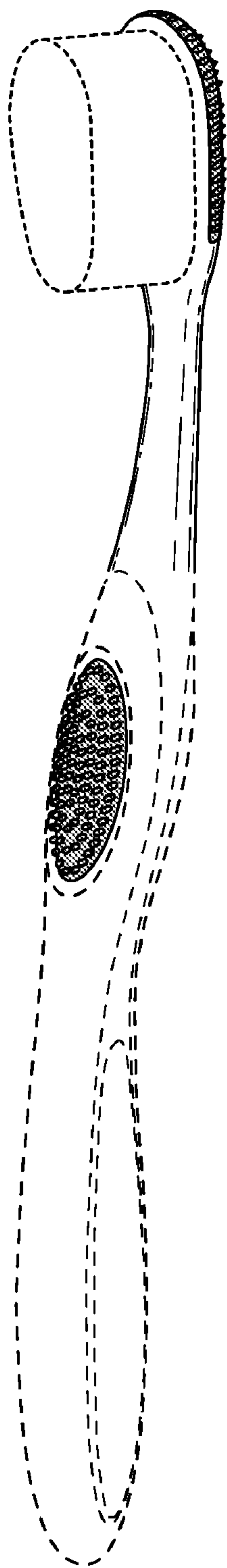


FIG. 1

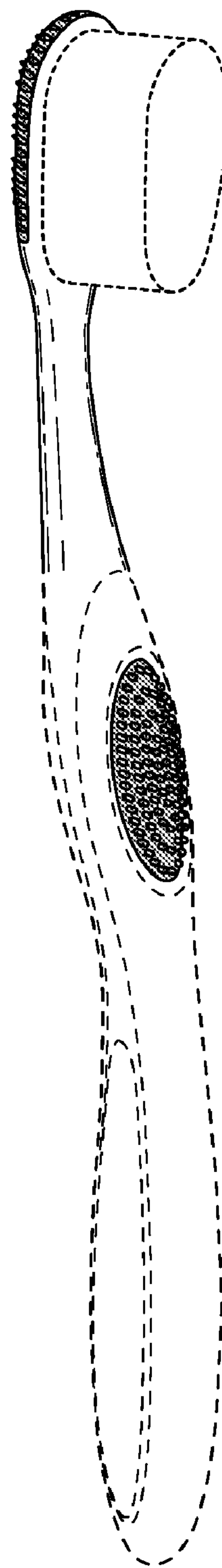


FIG. 2

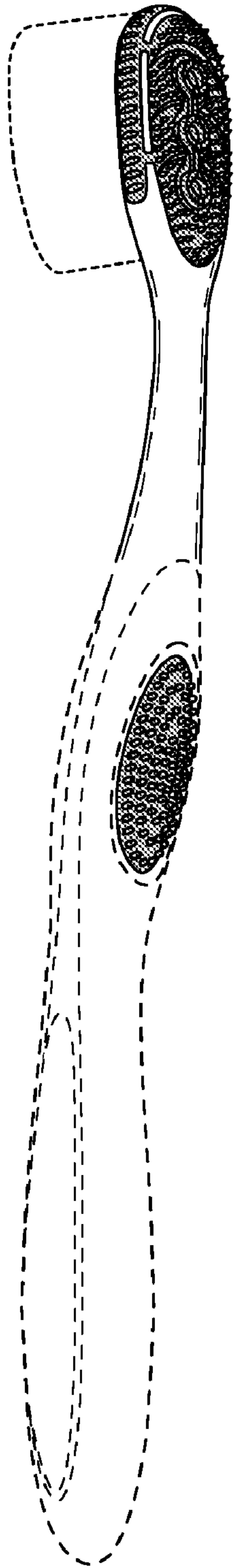


FIG. 3

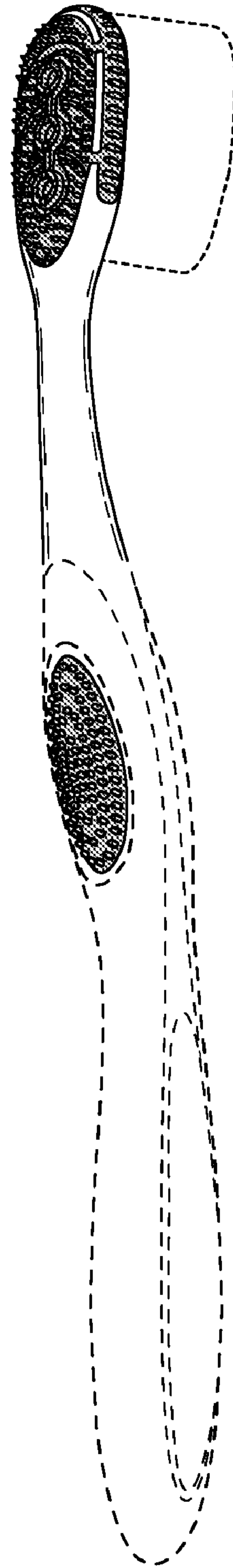


FIG. 4

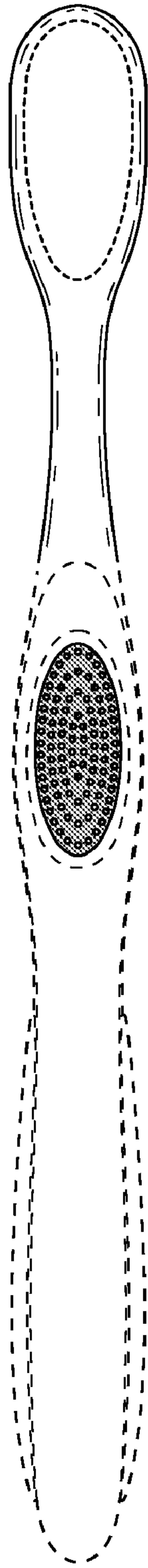


FIG. 5

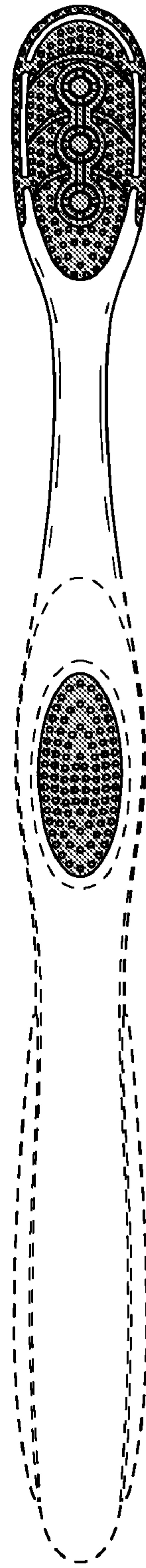


FIG. 6

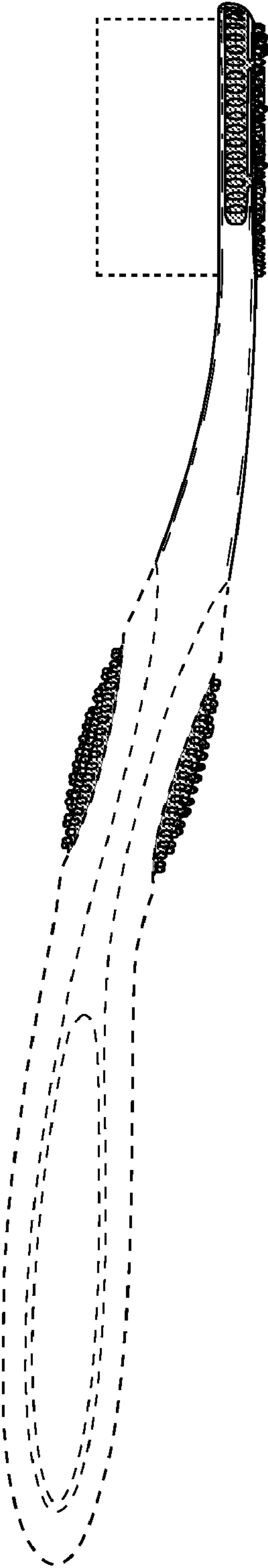


FIG. 7

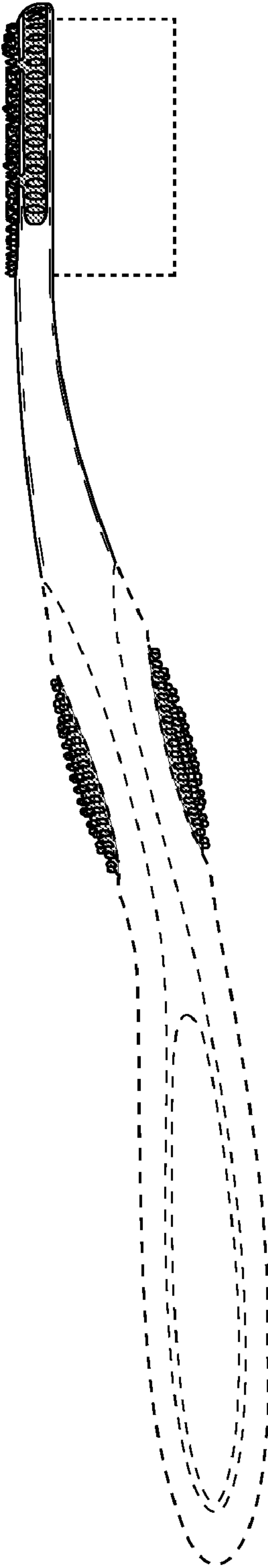


FIG. 8

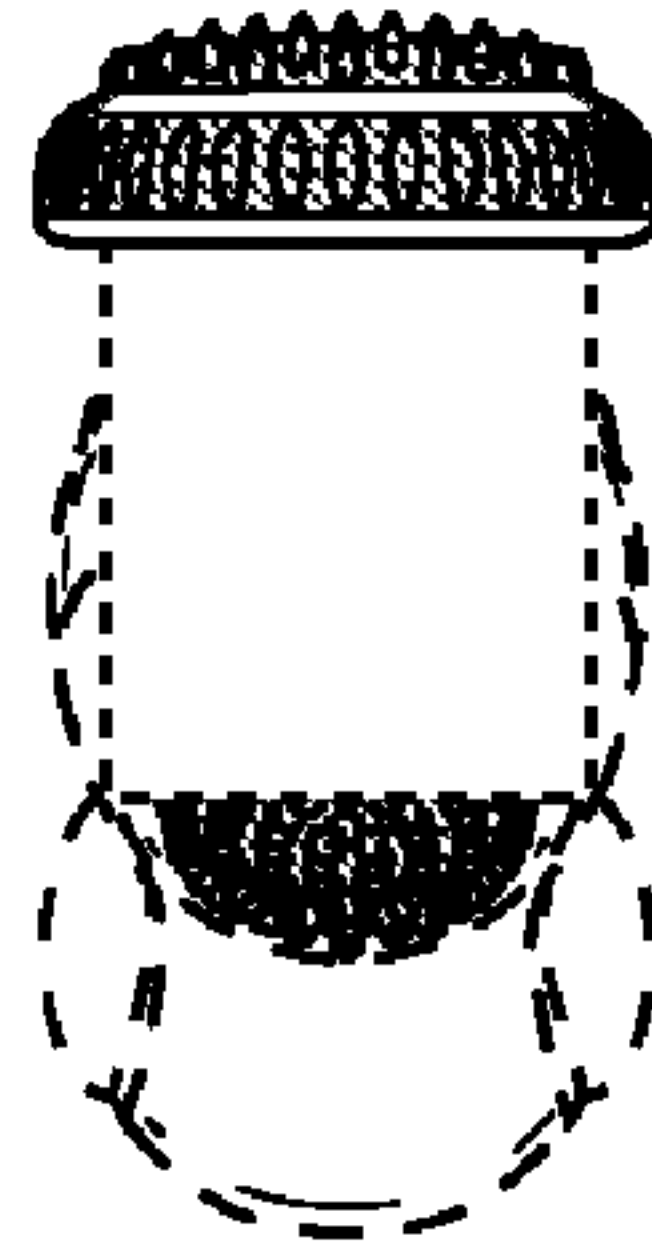


FIG. 9



FIG. 10