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(12) **United States Design Patent** (10) **Patent No.:** **US D905,433 S**
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(54) **ORAL CARE IMPLEMENT**

FOREIGN PATENT DOCUMENTS

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BR DI 6804858 11/2009
CN 3081695 7/1998

(Continued)

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OTHER PUBLICATIONS

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CN 301064191 Registered Design Application, (Hou Longzhong) Nov. 25, 2009, [online], [retrieved on Sep. 29, 2011] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: <http://www.orbit.com>>.

(Continued)

(**) Term: **15 Years**

(21) Appl. No.: **29/626,294**

Primary Examiner — Susan Moon Lee

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Related U.S. Application Data

(62) Division of application No. 29/578,554, filed on Sep. 22, 2016, now Pat. No. Des. 805,307, which is a (Continued)

(57) **CLAIM**

The ornamental design for an oral care implement, as shown and described.

(51) **LOC (12) Cl.** **04-02**

(52) **U.S. Cl.**
USPC **D4/104; D4/138**

DESCRIPTION

(58) **Field of Classification Search**
USPC D4/107, 124–126, 104, 101, 108, D4/110–113, 116, 120, 132–135, 138, D4/199; 15/143.1, 167.1, 167.2, 110, 15/111, 176.1–176.6, 184, 159.1, 160; 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; D24/146, 147; D7/393, 395, 401.2; (Continued)

FIG. 1 is a right front perspective view of an oral care implement 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; and, FIG. 10 is a bottom view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D9,438 S * 8/1876 Bowman D5/7
D19,604 S * 1/1890 Hiscoe D5/53
(Continued)

The broken lines shown in the drawings depict environmentally illustrative portions of the article that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



Related U.S. Application Data

division of application No. 29/488,927, filed on Apr. 24, 2014, now Pat. No. Des. 770,183, which is a division of application No. 29/444,030, filed on Jan. 25, 2013, now Pat. No. Des. 706,036, which is a division of application No. 29/358,641, filed on Mar. 30, 2010, now Pat. No. Des. 676,245.

(58) **Field of Classification Search**

USPC D99/17, 21, 22, 25, 43, 99; D21/713; D2/955, 954, 951, 953, 956, 952, 961; D5/56, 57
 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 15/0087; A46B 15/0089; A46B 15/0097; A46B 2200/1066; A46B 2200/1073; A46B 2200/1086; A46B 2200/1026; A61C 17/00; A61C 17/0202; A61C 17/16; A61C 17/20; A61C 17/22; A61C 17/222; A61C 17/225; A61C 17/26
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D43,982 S * 5/1913 Averbs D5/7
 D61,765 S * 1/1923 Goldberg D1/127
 D63,750 S * 1/1924 Vandergaw et al. D5/57
 D66,164 S * 12/1924 Vandergaw et al. D5/57
 1,746,521 A * 2/1930 Broeg A21C 11/14
 426/549
 D89,238 S * 2/1933 Juestrich D5/55
 D89,239 S * 2/1933 Juestrich D5/55
 D91,446 S * 1/1934 Waterfield D6/617
 2,155,166 A 4/1939 Kraft
 D118,656 S * 1/1940 Boysen D5/48
 D125,993 S * 3/1941 Freudenberg D5/7
 D132,027 S * 4/1942 Christen D5/62
 D144,692 S 5/1946 Canfield
 D146,107 S * 12/1946 Hollander D5/47
 D156,648 S * 12/1949 Meyer D5/62
 D165,437 S * 12/1951 Hooven D6/617
 D165,630 S * 1/1952 Bochner D5/59
 2,613,620 A * 10/1952 Allen A21C 11/16
 426/502
 D173,324 S * 10/1954 Portong D5/59
 D184,130 S * 12/1958 Kolker D5/62
 D197,323 S * 1/1964 Mazur D5/62
 D201,952 S 8/1965 Johns
 3,314,096 A * 4/1967 Berliner A46B 7/04
 15/207.2
 3,314,381 A * 4/1967 Fries A21C 11/16
 425/131.1
 3,689,280 A * 9/1972 Werner A21C 9/08
 426/249
 D234,099 S * 1/1975 Gobble et al. D1/129
 D234,930 S 4/1975 Arambasic
 D259,595 S 6/1981 Famolare, Jr.
 4,653,206 A 3/1987 Tanel
 D291,845 S * 9/1987 Lamborghini D12/580
 D300,878 S * 4/1989 Contractor D24/101
 D314,855 S * 2/1991 Puglisi D1/127
 D319,803 S * 9/1991 Traner D11/157
 5,203,097 A 4/1993 Blair
 D338,075 S * 8/1993 Beede D25/113
 5,305,489 A 4/1994 Lage
 5,392,483 A 2/1995 Heinzelman et al.
 D358,927 S * 6/1995 Davis D1/125
 D358,962 S * 6/1995 Benham D1/125
 D366,672 S * 1/1996 Kitzmiller D1/127

D378,240 S 3/1997 Merceron
 D383,310 S * 9/1997 Springer D5/37
 D387,491 S * 12/1997 Hester D1/102
 D388,614 S 1/1998 Weihrauch
 D390,685 S * 2/1998 Lippens D1/102
 D394,939 S 6/1998 Avar
 D397,459 S 8/1998 Hsuj
 D398,745 S 9/1998 Cass
 D400,344 S 11/1998 Avar
 D401,386 S * 11/1998 Boselli D1/129
 D401,747 S 12/1998 Cessor
 D405,594 S 2/1999 Toshikazu
 5,888,567 A * 3/1999 Daouse A23G 9/48
 426/249
 D407,560 S 4/1999 Huang
 D412,375 S * 7/1999 Freeman D28/8.1
 D414,662 S 10/1999 Kerns
 D414,918 S * 10/1999 McNaught D2/951
 5,996,157 A 12/1999 Smith et al.
 D418,981 S 1/2000 Cheong et al.
 D427,680 S * 7/2000 Mariant D24/143
 D427,755 S 7/2000 Tresser
 D428,707 S * 8/2000 Jahner D5/53
 D433,084 S 10/2000 Hart
 D437,648 S 2/2001 Pappas
 D439,661 S * 3/2001 Velazquez D24/125
 D439,684 S * 3/2001 Freeman D26/11
 6,195,926 B1 3/2001 Jarl
 D439,730 S 4/2001 Merceron
 D440,050 S * 4/2001 Nicosia D5/25
 D444,615 S * 7/2001 Borland D1/199
 D446,393 S 8/2001 Manfredi et al.
 D447,323 S 9/2001 Cadet
 D452,615 S 1/2002 Cheong
 D454,255 S * 3/2002 Walther D5/53
 D455,890 S * 4/2002 Codilis D1/101
 D458,454 S 6/2002 Nanda
 D459,865 S 7/2002 Urie
 D460,247 S 7/2002 Liu
 D461,040 S 8/2002 Urie
 D462,528 S 9/2002 Crossman et al.
 6,468,569 B1 * 10/2002 Dunker A21D 6/001
 426/293
 D466,694 S 12/2002 Saindon et al.
 6,496,999 B1 12/2002 Gleason et al.
 D469,958 S 2/2003 Saindon et al.
 6,546,583 B1 4/2003 Rohrig
 D474,584 S 5/2003 Matis
 D474,608 S * 5/2003 Hohlbein D4/104
 D478,727 S 8/2003 Wong
 6,623,517 B1 9/2003 OeLuisa
 D483,479 S * 12/2003 Braverman D24/125
 D483,480 S * 12/2003 Braverman D24/125
 6,668,415 B2 12/2003 Rohrig
 D485,989 S 2/2004 Winkler et al.
 D493,604 S * 8/2004 Willoughby D1/129
 D498,926 S 11/2004 Wong
 D501,724 S 2/2005 Li et al.
 D502,223 S 2/2005 Kaplan
 6,852,347 B2 * 2/2005 Hayes-Jacobson A21C 9/045
 426/275
 D504,555 S 5/2005 Urie
 D506,071 S * 6/2005 Delaney D5/53
 D506,873 S 7/2005 Kling
 D507,114 S 7/2005 Seifert et al.
 D509,341 S * 9/2005 Gambino 426/559
 D512,199 S * 12/2005 Ibanez D1/129
 D514,321 S 2/2006 Moskovich et al.
 D515,791 S 2/2006 McClaskie
 D519,284 S * 4/2006 Landry D5/57
 D522,714 S * 6/2006 Tebow D1/125
 D524,552 S * 7/2006 Delaney D5/53
 D525,435 S * 7/2006 Delaney D5/53
 D526,789 S 8/2006 Wong
 D527,514 S 9/2006 Cass
 D527,526 S 9/2006 Kling et al.
 D527,906 S 9/2006 Kling et al.
 D527,907 S 9/2006 Kling et al.
 D530,100 S * 10/2006 Landry D5/57

(56)

References Cited

U.S. PATENT DOCUMENTS

D531,412 S	11/2006	Wong	
D531,414 S	11/2006	Wong	
D532,182 S *	11/2006	Hopkins	D1/129
D533,351 S	12/2006	Wong	
7,146,675 B2	12/2006	Ansari et al.	
D537,562 S *	2/2007	Taniguchi	D28/4
D537,563 S *	2/2007	Taniguchi	D28/4
D538,471 S *	3/2007	Taniguchi	D28/4
D540,962 S	4/2007	Adams	
D542,015 S	5/2007	McClaskie	
D547,932 S	8/2007	Loverin	
D548,434 S	8/2007	McClaskie	
D549,852 S *	8/2007	Zocco	D25/130
D551,832 S	10/2007	Scott	
D554,333 S	11/2007	Belley	
D555,886 S	11/2007	McDowell	
D557,014 S	12/2007	Wong	
D558,980 S *	1/2008	Jimenez	D4/106
D559,439 S *	1/2008	Schwartz	D28/8.1
D559,507 S	1/2008	McClaskie	
D560,052 S	1/2008	McClaskie	
D560,333 S	1/2008	McClaskie	
D560,889 S	2/2008	Weisbly	
D562,567 S *	2/2008	Proserpio	D5/56
D564,737 S	3/2008	McClaskie	
D569,082 S	5/2008	Hatfield	
D569,084 S	5/2008	Hatfield	
D569,590 S	5/2008	Hatfield	
D572,884 S	7/2008	Belley	
D575,064 S	8/2008	Wong	
D577,493 S	9/2008	Wong	
D583,138 S	12/2008	McClaskie	
D583,568 S	12/2008	Sordi	
D584,062 S *	1/2009	Bracey	D5/56
D584,494 S	1/2009	Vasyli	
D584,515 S *	1/2009	Storz	D5/58
D586,091 S	2/2009	Koh	
D587,440 S	3/2009	Beiley	
D587,905 S	3/2009	Wong	
D589,208 S *	3/2009	Taniguchi	D28/4
D589,240 S	3/2009	McClaskie	
D590,142 S	4/2009	Issler	
D594,190 S	6/2009	Andersen	
D599,056 S *	8/2009	Schwartz	D28/8.1
D599,991 S	9/2009	McClaskie	
D600,426 S *	9/2009	Dennison	D1/125
7,585,531 B2 *	9/2009	Baumeister	A47J 9/002 426/439
D601,783 S	10/2009	Pizzuti	
D603,170 S	11/2009	Wong	
D608,049 S *	1/2010	Schwartz	D28/8.1
D609,877 S *	2/2010	Kadow-Dougherty	D1/127
D609,887 S	2/2010	McClaskie	
D614,869 S	5/2010	Wong	
D619,342 S	7/2010	McClaskie	
D621,160 S *	8/2010	Ballmaier	D4/104
D625,906 S	10/2010	Zhang	
D626,311 S	11/2010	Zhang	
D626,752 S *	11/2010	Bracey	D5/56
D632,842 S *	2/2011	Taniguchi	D28/4
D639,183 S *	6/2011	Nixon	D9/707
D639,184 S *	6/2011	Nixon	D9/707
D640,454 S	6/2011	Claassen	
D640,934 S *	7/2011	Nixon	D9/707
D644,817 S *	9/2011	Hanna	D1/115
D645,254 S *	9/2011	Xi	D4/108
D646,063 S *	10/2011	Ballmaier	D4/104
D647,290 S	10/2011	Bramani	
D648,517 S	11/2011	Vestuti	
D651,340 S *	12/2011	Heidel	D28/8.1
D654,672 S	2/2012	McClaskie	
D655,897 S	3/2012	Mahoney	
D659,360 S	5/2012	Jolicoeur	
D660,004 S	5/2012	Knutzen et al.	
D664,359 S *	7/2012	Xi	D4/104
D664,753 S	8/2012	Santos	
D666,005 S *	8/2012	Winkler	D4/104
8,256,146 B2	9/2012	Loverin	
D668,384 S *	10/2012	Yamada	D28/4
D670,898 S	11/2012	McClaskie	
D673,776 S *	1/2013	Ballmaier	D4/108
D675,413 S	2/2013	Van Haasteren	
D675,414 S	2/2013	Van Haasteren	
D676,245 S	2/2013	Jin	
D676,247 S *	2/2013	Olson	D5/57
D676,249 S *	2/2013	Olson	D5/63
D677,866 S	3/2013	Vestuti	
D679,078 S	4/2013	Van Haasteren	
D679,080 S	4/2013	Van Haasteren	
D679,504 S	4/2013	Lee et al.	
D679,902 S	4/2013	Van Haasteren	
D680,445 S *	4/2013	Kopulos	D9/702
D682,520 S	5/2013	Litchfield	
D683,117 S	5/2013	Truelsen	
D685,979 S *	7/2013	McCleary	D1/199
D687,217 S	8/2013	Van Haasteren	
D687,228 S *	8/2013	Wong	D4/108
D687,623 S	8/2013	Norris	
D689,239 S *	9/2013	Yamada	D28/4
D689,677 S	9/2013	Bathum	
D693,582 S *	11/2013	Olson	D5/57
D696,837 S *	1/2014	Lu	D1/128
D697,293 S	1/2014	Vestuti	
D697,704 S	1/2014	Vestuti	
D697,719 S	1/2014	Xi	
D698,158 S	1/2014	Lee	
D698,538 S	2/2014	Van Haasteren	
D698,554 S	2/2014	Xi	
D699,916 S *	2/2014	Rodgers	D1/127
D701,669 S *	4/2014	Rodgers	D1/127
D702,426 S	4/2014	McClaskie	
D702,432 S	4/2014	Haasteren	
D703,917 S *	5/2014	Rodgers	D1/127
D703,928 S	5/2014	Avar	
D703,929 S	5/2014	Avar	
D704,423 S	5/2014	Williams, Jr.	
D707,931 S *	7/2014	Vanhook	D2/955
D708,419 S *	7/2014	Fischbach	D1/121
8,973,202 B2	3/2015	Fischer	
D732,791 S *	6/2015	Enoch	D1/130
D734,010 S	7/2015	Fischer	
D740,531 S	10/2015	Dolce	
D741,542 S *	10/2015	Yamada	D28/4
D743,154 S	11/2015	Nethongkome	
D743,173 S *	11/2015	Sohn	D4/101
D747,596 S	1/2016	Vestuti	
D754,442 S	4/2016	Xi	
D756,667 S *	5/2016	Mommersteeg	D5/57
D762,365 S	8/2016	Vestuti	
D762,391 S	8/2016	Ballmaier	
D763,309 S *	8/2016	Seo	D14/488
D765,423 S *	9/2016	Aragon	D5/30
D768,394 S *	10/2016	Nelson	D5/56
D768,395 S *	10/2016	Nelson	D5/59
D770,183 S *	11/2016	Xi	D4/104
D770,781 S *	11/2016	Alvey	D5/59
D776,436 S *	1/2017	Xi	D4/104
D776,937 S *	1/2017	Xi	D4/104
D790,227 S *	6/2017	Tambellini	D5/43
D805,307 S *	12/2017	Xi	D4/104
D817,009 S *	5/2018	Nelson	D5/62
D819,886 S *	6/2018	Brewer	D28/8.1
D820,603 S *	6/2018	Yoon	D4/138
D821,642 S *	6/2018	Yamada	D28/4
D822,942 S *	7/2018	McGinn	D1/129
D825,201 S *	8/2018	Nelson	D5/62
D826,578 S *	8/2018	Nelson	D5/62
D826,579 S *	8/2018	Nelson	D5/62
D826,580 S *	8/2018	Nelson	D5/62
D828,036 S *	9/2018	Wainless	D4/104
D835,915 S *	12/2018	Blachford	D4/108
D836,133 S *	12/2018	Silverstein	D14/489
D838,878 S *	1/2019	Schaack	D26/4
D840,158 S *	2/2019	Xi	D4/104

(56)

References Cited

U.S. PATENT DOCUMENTS

D840,692 S * 2/2019 Xi D4/104
 D853,270 S * 7/2019 Van Der Jagt D11/117
 D853,734 S * 7/2019 Nelson D5/63
 D858,105 S * 9/2019 Okai D4/101
 D877,215 S * 3/2020 Brandt Sanz D15/136
 D882,959 S * 5/2020 Xi D4/101
 D893,881 S * 8/2020 Okai D4/102
 D895,301 S * 9/2020 Sartini D5/57
 2002/0100134 A1* 8/2002 Dunn A46B 15/0097
 15/167.1
 2002/0124864 A1* 9/2002 Gross A46B 5/02
 132/311
 2003/0024134 A1 2/2003 Howlett
 2003/0157222 A1* 8/2003 Henry A21D 13/31
 426/94
 2003/0175386 A1* 9/2003 Hayes-Jacobson A21D 8/08
 426/94
 2005/0271785 A1* 12/2005 Hayes-Jacobson
 A21C 11/163
 426/549
 2006/0010628 A1* 1/2006 Moskovich A46B 15/0055
 15/111
 2007/0059263 A1* 3/2007 Taniguchi A61K 8/0237
 424/63
 2007/0060650 A1* 3/2007 Taniguchi A61K 8/062
 514/557
 2007/0060666 A1* 3/2007 Taniguchi B65B 3/326
 523/105
 2007/0186364 A1 8/2007 Hohlbein
 2007/0224258 A1* 9/2007 Bunick A61K 9/2893
 424/451
 2007/0254145 A1* 11/2007 Sawin D04H 1/49
 428/292.1
 2008/0086827 A1 4/2008 Waguespack et al.
 2008/0199569 A1* 8/2008 Baumeister A47J 9/002
 426/94
 2009/0158540 A1 6/2009 Baertschi et al.
 2010/0101037 A1* 4/2010 Gross B29C 37/0025
 15/167.1
 2010/0263149 A1* 10/2010 Ballmaier A46B 5/021
 15/167.1
 2011/0146015 A1* 6/2011 Moskovich B25G 1/102
 15/167.1
 2015/0330026 A1* 11/2015 Kien B31F 1/07
 162/109

2015/0330027 A1* 11/2015 Kien D21H 27/02
 428/195.1
 2017/0188836 A1* 7/2017 Xi A46B 15/0034
 2020/0000342 A1* 1/2020 Xi A46B 5/02

FOREIGN PATENT DOCUMENTS

CN 3286657 4/2003
 CN 3296611 5/2003
 CN 3503692 2/2006
 CN 362971 4/2007
 CN 300922116 5/2009
 CN 300930265 5/2009
 EM 000507561-0001 5/2006
 EM 000527163-0003 7/2006
 EM 000527163-0004 7/2006
 EM 000624093-0001 1/2007
 EM 000624093-0019 1/2007
 EM 000958749-0001 7/2007
 EM 000774070-0005 8/2007
 EM 000774070-0006 8/2007
 EM 000814090-0002 1/2008
 EM 000065677-0006 5/2008
 EM 001558289-0002 7/2009
 GB 2078321 7/1999
 GB 2084750 4/2000
 GB 3003010 6/2002
 TW M372107 1/2010
 WO WO9601578 A1 1/1996

OTHER PUBLICATIONS

CN 301207120 Registered Design, (Unilever NV) May 19, 2010, [online], [retrieved on Sep. 28, 2011] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: <http://www.orbit.com> >.
 CN 3240637 Registered Design Application, (Sheng Dafang) Jun. 12, 2002, [online], [retrieved on Sep. 18, 2011] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: <http://www.orbit.com> >.
 CN 3555687 Registered Design Application, (Sheng Dafang) Aug. 30, 2002, [online], [retrieved on Jan. 10, 2012] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: <http://www.orbit.com> >.

* cited by examiner

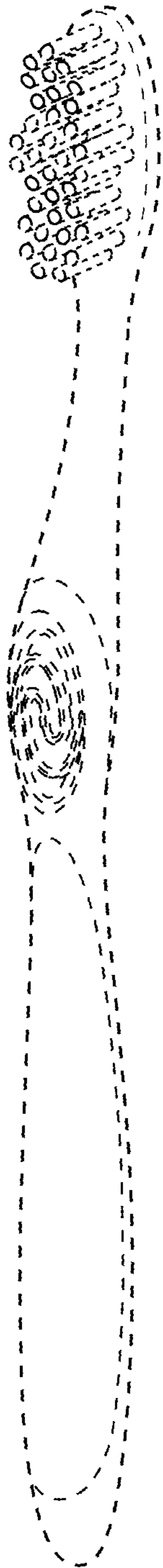


FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

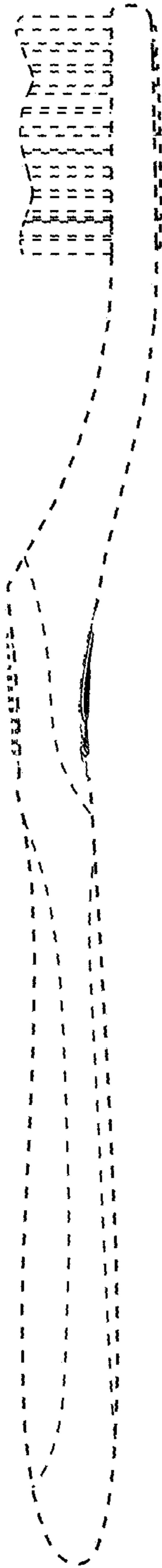


FIG. 7

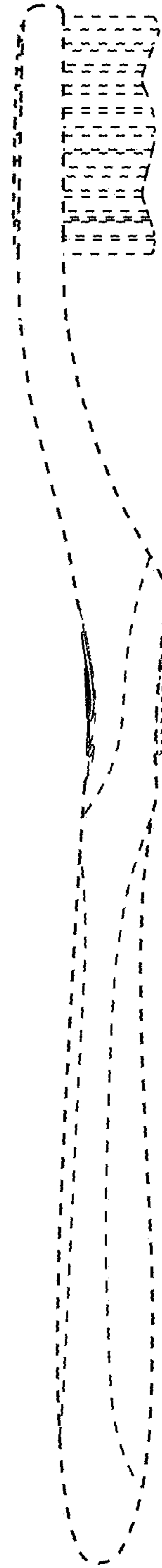


FIG. 8



FIG. 9



FIG. 10