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

(10) **Patent No.:** **US D882,959 S**
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(54) **ORAL CARE IMPLEMENT**
(71) Applicant: **Colgate-Palmolive Company**, New York, NY (US)
(72) Inventors: **Wen Jin Xi**, Shanghai (CN); **Bo Zhang**, Yangzhou (CN); **Yanmei Ji**, Yangzhou (CN); **Xiangji Ding**, Yangzhou (CN); **Jianrong Zhou**, Yangzhou (CN)

D272,583 S 2/1984 McAlpine
D276,005 S 10/1984 Fido
D278,661 S 5/1985 Gelsen
D318,571 S 7/1991 Sletbak
5,305,489 A 4/1994 Lage
5,339,482 A 8/1994 Desimone
D351,732 S 10/1994 Dair D4/104
5,392,483 A 2/1995 Heinzelman et al.
D363,820 S 11/1995 Winge
(Continued)

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

AU 353381 1/2014
AU 356727 8/2014

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

(Continued)

(21) Appl. No.: **29/673,402**

OTHER PUBLICATIONS

(22) Filed: **Dec. 14, 2018**

Baby Best Buy in Thailand Oral-B Stages 2 website, 2006, <http://www.babybestbuy.in.th/shop/oral-b-kid-toothbrush>.

(Continued)

Related U.S. Application Data

(63) Continuation of application No. 29/586,988, filed on Dec. 8, 2016, now Pat. No. Des. 840,692, which is a continuation of application No. 29/533,942, filed on Jul. 23, 2015, now Pat. No. Des. 776,937.

Primary Examiner — Steven J Czyz

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

(57) **CLAIM**

(52) **U.S. Cl.**

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

USPC **D4/101**

DESCRIPTION

(58) **Field of Classification Search**

USPC D4/101, 104–112, 132–134
CPC A46B 2200/1066; A46B 15/0071; A46B 15/0002; A46B 5/02; A46B 15/0081; A46B 9/028; A46B 9/04; A46B 15/0097; A46B 5/026; A61C 17/16; A61C 17/222

FIG. 1 is a front perspective view of an oral care implement; FIG. 2 is a rear perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof.

See application file for complete search history.

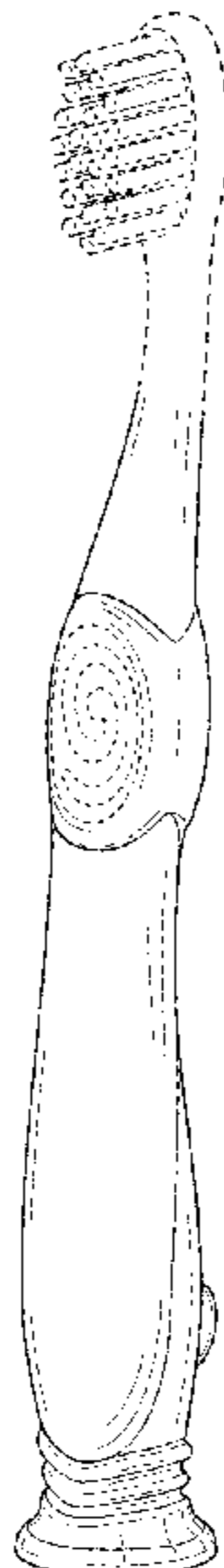
The broken lines depict portions of the oral care implement that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,899,242 A 2/1939 McNab
D209,574 S 12/1967 Zandberg et al.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D370,565 S	6/1996	Huang		D506,873 S	7/2005	Kling	
D375,205 S	11/1996	Lewkowicz		D507,114 S	7/2005	Seifert et al.	
D386,905 S	12/1997	Brady et al.		D510,482 S	10/2005	Jimenez	
D387,203 S	12/1997	Matharu		D510,807 S	10/2005	Jimenez	
D388,254 S	12/1997	Schiffer		D513,126 S	12/2005	Jimenez et al.	
D388,614 S	1/1998	Weihrauch		D514,321 S	2/2006	Moskovich	
5,735,012 A	4/1998	Heinzelman		D514,813 S	2/2006	Moskovich et al.	
5,742,971 A	4/1998	Salinger		D526,789 S	8/2006	Wong	
D395,757 S	7/1998	Schiffer		D527,526 S	9/2006	Kling et al.	
D397,872 S	9/1998	Moskovich et al.		D527,906 S	9/2006	Kling et al.	
D407,560 S	4/1999	Huang	D4/104	D527,907 S	9/2006	Kling et al.	
D410,787 S	6/1999	Barre et al.		D528,802 S	9/2006	Moskovich	
D411,366 S	6/1999	Landauer		D531,412 S	11/2006	Wong	
D411,683 S	6/1999	Moskovich et al.		D531,413 S	11/2006	Wong	
D413,728 S	9/1999	Waguespack		D531,414 S	11/2006	Wong	
D414,940 S	10/1999	Weiss		D531,415 S	11/2006	Won	
D416,686 S	11/1999	Meeker et al.		D531,810 S	11/2006	Moskovich	
5,996,157 A	12/1999	Smith et al.		D532,975 S	12/2006	Lonngren	
D418,979 S	1/2000	Moskovich		D533,351 S	12/2006	Wong	
D418,981 S	1/2000	Cheong et al.		7,146,675 B2	12/2006	Ansari et al.	
6,026,532 A	2/2000	Catanzaro		D536,876 S	2/2007	Chan	
D426,958 S	6/2000	Moskovich et al.		D555,359 S	11/2007	Chen	
6,076,223 A	6/2000	Dair	A46B 5/00 15/143.1	D557,014 S	12/2007	Wong	
D434,563 S	12/2000	Lim et al.		D558,980 S	1/2008	Jimenez et al.	
D438,012 S	2/2001	Cheong et al.		D559,546 S	1/2008	Wong	
D438,385 S	3/2001	Harada		D565,844 S	4/2008	Wong	
6,206,600 B1	3/2001	Rosenberg et al.		D575,064 S	8/2008	Wong	
D442,785 S	5/2001	Harada		D577,493 S	9/2008	Wong	
6,234,798 B1	5/2001	Beals		D582,681 S	12/2008	Geiberger	
D446,019 S	8/2001	Hansen et al.		D585,197 S	1/2009	Crossman	
D446,393 S	8/2001	Manfredi	D4/104	D587,905 S	3/2009	Wong	
6,318,685 B1	11/2001	Beat		D596,406 S	7/2009	Xi	
D452,380 S	12/2001	Cheong et al.		D596,407 S	7/2009	Xi	
6,349,445 B1	2/2002	Winslow et al.		D603,170 S	11/2009	Wong	
D456,136 S	4/2002	Roehrig		D606,319 S	12/2009	Xi	
D457,727 S *	5/2002	Ping	D4/104	D609,013 S	2/2010	Kling	
D458,453 S	6/2002	Baertschi		D614,869 S	5/2010	Wong	
D458,454 S	6/2002	Nanda		D617,562 S	6/2010	Jin	
D458,757 S *	6/2002	Dunn	D4/104	D621,160 S	8/2010	Ballmaier	D4/104
D462,178 S	9/2002	Moskovich et al.		7,774,888 B2	8/2010	Chen	
D462,527 S	9/2002	Ping	D4/104	D628,808 S	12/2010	Xi	
D462,528 S	9/2002	Crossman et al.		D629,614 S	12/2010	Jin	
D463,131 S	9/2002	Winter et al.		D630,436 S	1/2011	Moskovich	
D463,132 S	9/2002	Winter et al.		D635,775 S	4/2011	Kalbfeld et al.	
D463,668 S	10/2002	Yoshimoto et al.		D640,469 S *	6/2011	Nanda	D4/112
D464,796 S	10/2002	Winter et al.		D643,219 S	8/2011	Xi	
D466,694 S	12/2002	Saindon et al.		D645,253 S	9/2011	Xi	
6,496,999 B1	12/2002	Gleason et al.		D645,254 S	9/2011	Xi	D4/108
D469,958 S	2/2003	Saindon et al.		D646,063 S	10/2011	Ballmaier	D4/104
D469,960 S	2/2003	Ping		D646,896 S *	10/2011	Lee	D4/101
6,546,583 B1	4/2003	Rohrig		D647,306 S	10/2011	Lee	D4/104
D474,608 S	5/2003	Hohlbein	D4/104	D648,134 S *	11/2011	Nanda	D4/112
D475,530 S *	6/2003	Dunn	D4/104	8,046,864 B2	11/2011	Baertschi	
D478,727 S	8/2003	Wong		8,060,972 B2	11/2011	Geiberger	
D478,728 S *	8/2003	Wong	D4/104	8,079,109 B2	12/2011	Eatherton et al.	
D479,047 S	9/2003	Wong		D651,407 S	1/2012	Jin	D4/104
6,622,978 B1	9/2003	Ghiz		D652,627 S *	1/2012	Nanda	D4/104
D480,877 S	10/2003	Crossman		D654,270 S	2/2012	Jimenez	D4/104
D482,531 S	11/2003	Wong		8,141,563 B2 *	3/2012	De Masi, Sr.	A46B 15/0055 132/309
D483,568 S	12/2003	Jamson		D660,004 S	5/2012	Knutzen et al.	
D483,569 S	12/2003	Wong		D661,098 S *	6/2012	Nanda	D4/101
6,668,415 B2	12/2003	Rohrig		D661,100 S *	6/2012	Nanda	D4/104
6,668,416 B1	12/2003	Georgi		D664,359 S	7/2012	Xi	D4/104
D485,989 S	2/2004	Winkler et al.		D667,223 S	9/2012	Ding	
6,687,940 B1	2/2004	Gross		D672,561 S	12/2012	Jin	D4/104
D487,195 S	3/2004	Winkler	D4/104	D673,776 S	1/2013	Ballmaier	
D488,301 S	4/2004	Xi		D674,195 S *	1/2013	Nanda	D4/108
D490,247 S	5/2004	Nanda		D675,448 S	2/2013	Xi	D4/108
D497,256 S	10/2004	Xi		D676,243 S *	2/2013	Lee	D4/101
D498,362 S	11/2004	Xi		D676,244 S *	2/2013	Lee	D4/101
D498,926 S	11/2004	Wong		D676,245 S	2/2013	Jin	D4/104
D499,885 S	12/2004	Xi		8,382,208 B2	2/2013	Baertschi	
D501,724 S	2/2005	Li		D677,058 S	3/2013	Xi	
D505,264 S	5/2005	Chen		D678,681 S	3/2013	Xi	
				8,387,195 B2	3/2013	Patel	
				D679,096 S	4/2013	Xi	
				D679,504 S	4/2013	Lee et al.	
				D683,138 S *	5/2013	Lee	D4/101

(56)

References Cited

U.S. PATENT DOCUMENTS

D683,966 S * 6/2013 Lee D4/101
 8,458,846 B2 6/2013 Schamberg
 D686,416 S 7/2013 Xi
 D687,228 S 8/2013 Wong D4/108
 D691,376 S 10/2013 Xi
 D693,127 S * 11/2013 Xi D4/107
 D696,518 S 12/2013 Ballmaier
 D697,719 S * 1/2014 Xi D4/104
 D697,721 S * 1/2014 Xi D4/107
 D698,158 S 1/2014 Lee
 D698,554 S 2/2014 Xi
 D704,446 S 5/2014 Xi
 D704,447 S 5/2014 Xi
 D706,035 S 6/2014 Xi
 D706,036 S * 6/2014 Xi D4/108
 D706,541 S * 6/2014 Blachford D4/108
 8,739,351 B2 6/2014 Kling
 D710,111 S 8/2014 Ding D4/108
 D713,151 S * 9/2014 Jimenez D4/104
 D715,559 S 10/2014 Xi
 D724,324 S 3/2015 Ballmaier
 D730,059 S 5/2015 Storkel
 D738,627 S 9/2015 Xi D4/107
 D739,658 S 9/2015 Xi
 D743,173 S 11/2015 Sohn
 D750,379 S 3/2016 Storkel
 D751,296 S 3/2016 Xi D4/104
 D753,401 S 4/2016 Schmid
 D754,442 S 4/2016 Xi D4/104
 D754,443 S 4/2016 Xi
 9,301,823 B2 * 4/2016 Jimenez A61C 17/3481
 D766,582 S * 9/2016 Metter D4/101
 D770,183 S 11/2016 Xi D4/104
 D776,436 S * 1/2017 Xi D4/104
 D776,937 S * 1/2017 Xi D4/104
 D780,457 S 3/2017 Jimenez D4/104
 D789,694 S 6/2017 Xi D4/104
 D805,307 S 12/2017 Xi D4/104
 D817,002 S * 5/2018 Wainless D4/107
 D817,003 S * 5/2018 Wainless D4/107
 D822,389 S * 7/2018 Zwimpfer D4/107
 10,021,959 B2 7/2018 Jimenez B29C 45/1676
 D834,326 S * 11/2018 Wainless D4/107
 10,172,445 B2 * 1/2019 Wainless A46B 5/026
 10,178,907 B2 * 1/2019 Hohlbein A46B 9/025
 D840,158 S * 2/2019 Xi D4/104
 D840,692 S * 2/2019 Xi D4/104
 D848,154 S * 5/2019 Jimenez D4/108
 D851,406 S * 6/2019 Schiffer D4/104
 D854,334 S * 7/2019 Hielscher D4/104
 D857,396 S * 8/2019 Nguyen D4/101
 D858,105 S * 9/2019 Okai D4/101
 D863,778 S * 10/2019 Wainless D4/107
 2002/0100134 A1 * 8/2002 Dunn A46B 5/00
 15/167.1
 2002/0124864 A1 9/2002 Gross
 2006/0010628 A1 1/2006 Moskovich
 2006/0207043 A1 9/2006 Yamamoto
 2007/0186364 A1 8/2007 Hohlbein
 2008/0086827 A1 4/2008 Waguespack et al.
 2008/0201881 A1 8/2008 Dunn et al.
 2009/0158540 A1 6/2009 Baertschi et al.
 2010/0050357 A1 * 3/2010 Misner A46B 15/0002
 15/167.1
 2010/0058550 A1 3/2010 Ballmaier
 2010/0101037 A1 4/2010 Gross
 2010/0263149 A1 10/2010 Ballmaier
 2011/0035888 A1 2/2011 Patel
 2012/0192369 A1 8/2012 Mohr
 2014/0123420 A1 * 5/2014 Nanda A46B 9/04
 15/105
 2014/0173839 A1 * 6/2014 Henderson A46D 3/00
 15/22.1

2014/0173853 A1 6/2014 Kirchhofer
 2015/0013088 A1 * 1/2015 Li F21V 33/004
 15/167.1
 2018/0064239 A1 3/2018 Xi A46B 9/028

FOREIGN PATENT DOCUMENTS

BR DI 6800346-3 1/2008
 BR MU 8900682-8 U2 4/2009
 BR DI 6804858 11/2009
 BR 30 2013 002216-1 5/2013
 CN 3281643 3/2003
 CN 3296613 5/2003
 CN 3299694 6/2003
 CN 3305512 7/2003
 CN 3362295 4/2004
 CN 3376498 7/2004
 CN 2647122 10/2004
 CN 3406087 11/2004
 CN 3409456 12/2004
 CN 3409461 12/2004
 CN 3420573 1/2005
 CN 3422276 2/2005
 CN 3438265 4/2005
 CN 3503692 2/2006
 CN 2838386 11/2006
 CN 2875175 3/2007
 CN 3616973 3/2007
 CN 362971 4/2007
 CN 3650568 5/2007
 CN 3661324 6/2007
 CN 3666838 7/2007
 CN 2933128 8/2007
 CN 200990988 12/2007
 CN 201011934 1/2008
 CN 300863154 2/2008
 CN 201153684 11/2008
 CN 201175079 1/2009
 CN 201194632 2/2009
 CN 301154767 3/2009
 CN 201219631 4/2009
 CN 300898227 4/2009
 CN 300937681 6/2009
 CN 201274863 7/2009
 CN 20290429 8/2009
 CN 201328493 10/2009
 CN 201332821 10/2009
 CN 201384212 1/2010
 CN 201384213 1/2010
 CN 201445097 5/2010
 CN 201451971 5/2010
 CN 101756498 6/2010
 CN 201557719 8/2010
 CN 201563889 9/2010
 CN 201563891 9/2010
 CN 301345612 S 9/2010
 CN 201609190 10/2010
 CN 201612300 10/2010
 CN 201640914 11/2010
 CN 201640915 11/2010
 CN 201709705 1/2011
 CN 301495827 S 3/2011
 CN 301525815 4/2011
 CN 201831219 5/2011
 CN 201861066 6/2011
 CN 201879058 6/2011
 CN 301601321 7/2011
 CN 201911546 8/2011
 CN 201920023 8/2011
 CN 201958086 9/2011
 CN 201958092 9/2011
 CN 201968066 9/2011
 CN 201986930 9/2011
 CN 201995859 10/2011
 CN 202043812 11/2011
 CN 202051179 11/2011
 CN 301717014 S 11/2011
 CN 202077801 12/2011
 CN 202085939 12/2011

(56)

References Cited

FOREIGN PATENT DOCUMENTS			EM		
CN	202104479	1/2012	EM	002212522-0021	4/2013
CN	301817902	2/2012	EM	002212522-0022	4/2013
CN	202233729	5/2012	EM	001391031-0001	11/2013
CN	202311887	7/2012	EM	001391098-0001	11/2013
CN	202311897	7/2012	EM	001391098-0002	11/2013
CN	202311938	7/2012	EM	001391098-0003	11/2013
CN	202365161	8/2012	EM	001391098-0004	11/2013
CN	202445437	9/2012	EM	002467993-0001	5/2014
CN	202458126	10/2012	EM	002478297-0009	6/2014
CN	202489455	10/2012	EM	002478297-0010	6/2014
CN	202489456	10/2012	EM	002510891-0001	7/2014
CN	302098059	10/2012	EM	002510891-0002	7/2014
CN	202514907	11/2012	EM	002510891-0009	7/2014
CN	202566905	12/2012	EM	002510891-0010	7/2014
CN	202588743	12/2012	EM	002510891-0016	7/2014
CN	202603987	12/2012	EM	002510891-0031	7/2014
CN	202698210	1/2013	EM	002510891-0032	7/2014
CN	202714425	2/2013	EM	002510891-0036	7/2014
CN	202774873	3/2013	EP	0937423	8/1999
CN	202774887	3/2013	GB	2078321	7/1999
CN	202800570	3/2013	GB	2084750	4/2000
CN	202800573	3/2013	GB	3003010	6/2002
CN	103054322	4/2013	GB	4002477	4/2007
CN	202842749	4/2013	HK	0601011.0	4/2006
CN	202919373	5/2013	IN	227632	1/2011
CN	103126295	6/2013	IN	258460	12/2014
CN	202959285	6/2013	IT	2010PDO000035-0034	11/2011
CN	202959317	6/2013	JP	H0826143	1/1996
CN	203041159	7/2013	JP	2002153325	5/2002
CN	203058762	7/2013	KR	30-0362027 S	9/2004
CN	203073541	7/2013	KR	2003933160000	8/2005
CN	203088021	7/2013	KR	30-3094238 S	10/2005
CN	203088036	7/2013	KR	30-0604903 S	7/2011
CN	203106154	8/2013	MX	39060 B	12/2012
CN	203106174	8/2013	MX	39062 B	12/2012
CN	203121476	8/2013	MX	39064 B	2/2013
CN	302564712 S	9/2013	MX	39065 B	2/2013
CN	302573302 S	9/2013	MX	41947 B	6/2013
CN	302573316 S	9/2013	MY	01-00095	2/2001
CN	203234255	10/2013	RU	D51563	12/2002
CN	203388460 U	1/2014	RU	D52578	6/2003
CN	103653735	3/2014	RU	D53051	9/2003
CN	203467917 U	3/2014	RU	D54969	8/2004
CN	203505894	4/2014	RU	D55985	1/2005
CN	203506911 U	4/2014	RU	D58058	11/2005
CN	103876452	6/2014	RU	D69782	4/2009
CN	302852916 S	6/2014	RU	D75347	7/2010
CN	203735678	7/2014	RU	D78891	7/2011
CN	302913175	8/2014	TR	200605294	11/2006
CN	302978007	10/2014	TW	449357	8/2001
CN	204048570	12/2014	TW	M372107	1/2010
CN	204048571	12/2014	WO	WO1994/20006	9/1994
CN	303037875	12/2014	WO	WO1994/27479	12/1994
DE	4438121	5/1996	WO	WO1996/01578 A1	1/1996
DE	102009037324	2/2011	WO	WO1998/36182	8/1998
EM	000257969-0001	11/2004	WO	DM/050093	8/1999
EM	000304951-0005	3/2005	WO	DM/056997	3/2001
EM	000507561-0001	5/2006	WO	WOD56997-001	9/2001
EM	000527163-0003	7/2006	WO	WO2003/103446	12/2003
EM	000527163-0004	7/2006			
EM	000624093-0001	1/2007			
EM	000624093-0019	1/2007			
EM	000674270-0003	2/2007			
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	000989157-0001	8/2008			
EM	000989157-0002	8/2008			
EM	001558289-0002	7/2009			
EM	001808536-0001	1/2011			
EM	001975079-0003	1/2012			
EM	002095067-0001	8/2012			
EM	002144543-0001	11/2012			

OTHER PUBLICATIONS

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>>.

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 301548737 Registered Design, (Xu, Qiuping) May 18, 2011, [online], [retrieved on Apr. 7, 2013] 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

(56)

References Cited

OTHER PUBLICATIONS

Questel Intellectual Property Portal Design Database using the Internet: <URL: <http://www.orbit.com>>.

CN 3434877D Registered Design, (Chen, Xinglong) Mar. 30, 2005, [online], [retrieved on Apr. 7, 2013] Retrieved from the State Intellectual Property Office's CNIPR Database using Internet: <URL: <http://www.cnipr.com>>.

CN 3505548D Registered Design, (Sheng, Dafang) Feb. 15, 2006, [online], [retrieved on Apr. 10, 2013] Retrieved from the State Intellectual Property Office's CNIPR Database using the Internet: <URL: <http://www.cnipr.com>>.

CN 3521860D Registered Design, (Li, Wentong) Apr. 26, 2006, [online], [retrieved on Apr. 7, 2013] Retrieved from the State Intellectual Property Office's CNIPR Database using the Internet: <URL: <http://www.cnipr.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>>.

Colgate Fundraiser Australia website, 2012, <http://www.colgatefundraiser.com.au>.

Eendeavors Colgate Kids Toothbrush website, 2012, <http://eendeavors.com/0-75-off-colgate-kids-toothbrush>.

Silver Care Antibacterial Range—Kids Toothbrushes website, 2012. http://www.piave.com/ing/line_silver_care_kiddies_toothbrushes.

* cited by examiner

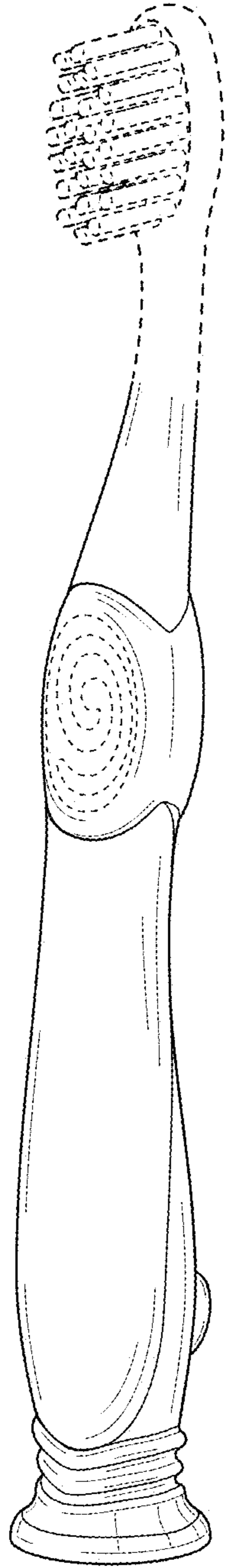


FIG. 1

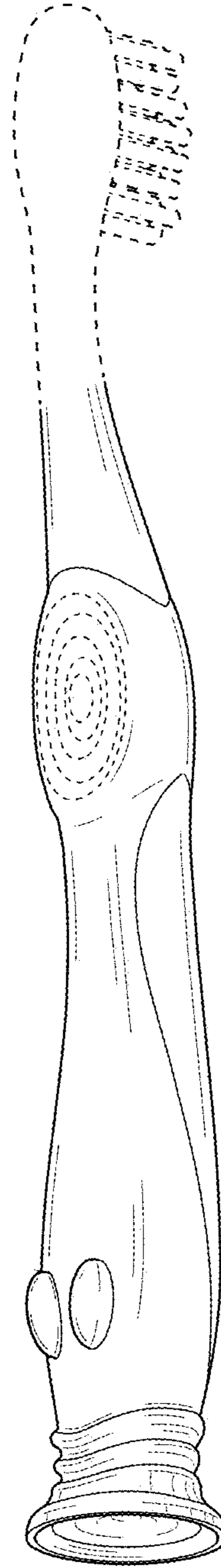


FIG. 2

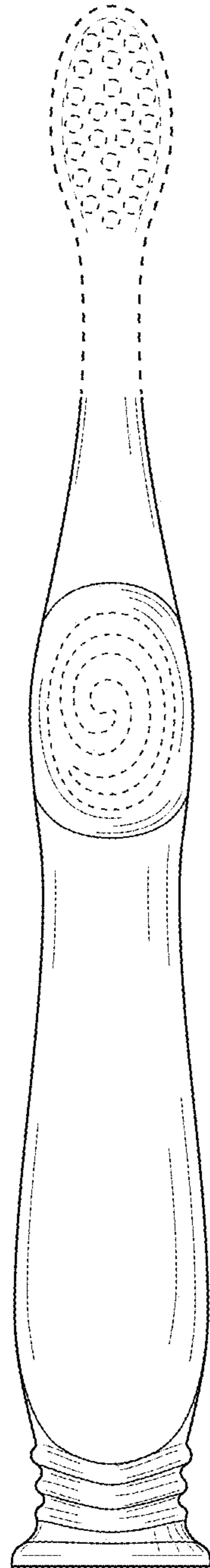


FIG. 3

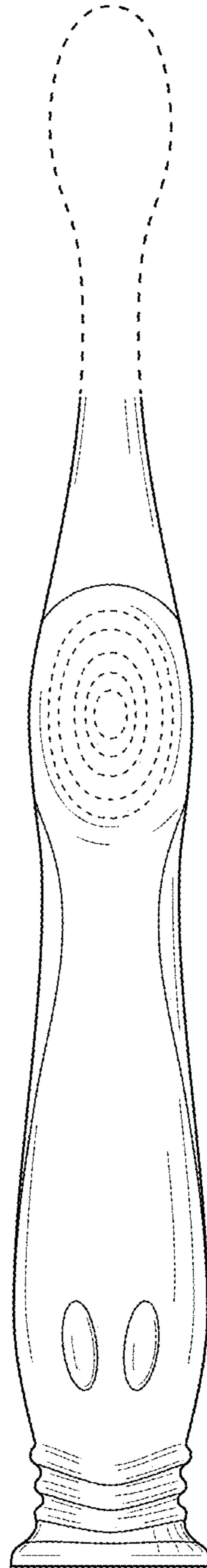


FIG. 4

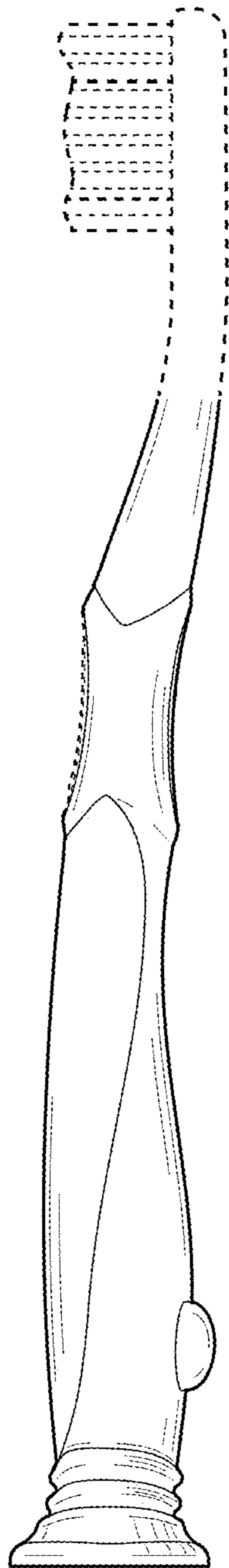


FIG. 5

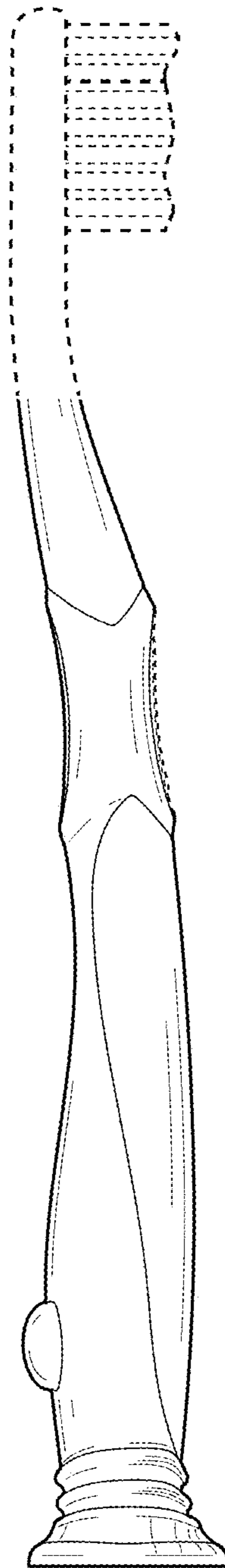


FIG. 6

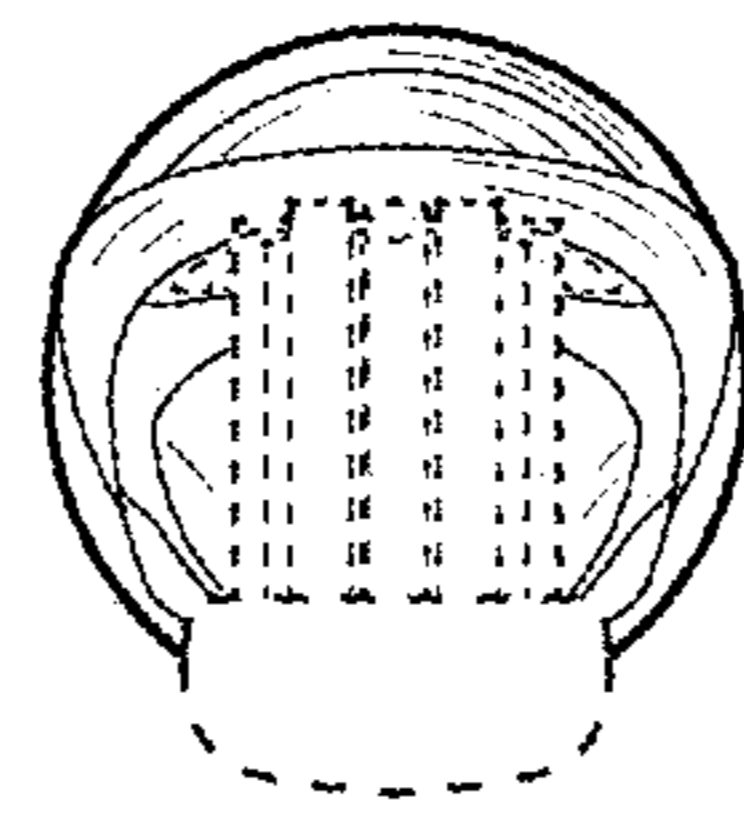


FIG. 7

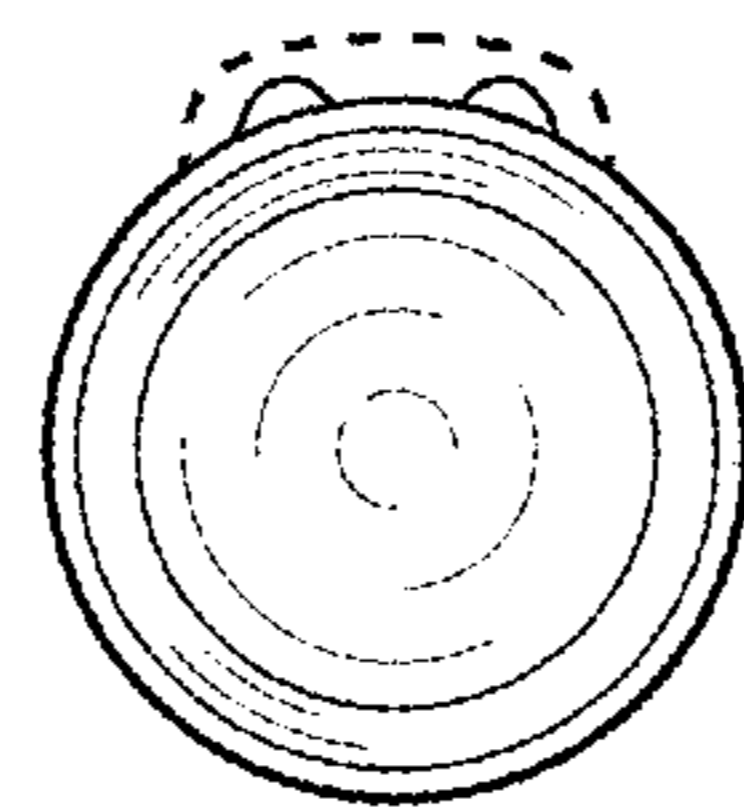


FIG. 8