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

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(54) **ORAL CARE IMPLEMENT**  
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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)

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

FOREIGN PATENT DOCUMENTS  
AU 353381 1/2014  
AU 356727 8/2014  
(Continued)

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OTHER PUBLICATIONS

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.

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(52) **U.S. Cl.**  
USPC ..... **D4/101**

(57) **CLAIM**

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

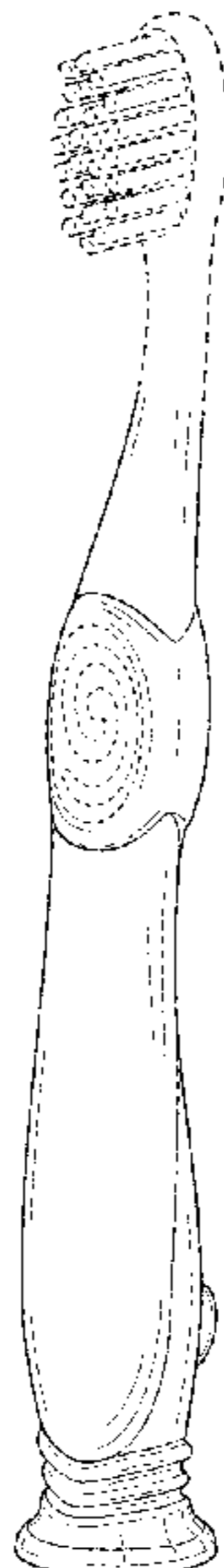
(58) **Field of Classification Search**  
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See application file for complete search history.

**DESCRIPTION**

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



# US D882,959 S

(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>.

Eeendeavors Colgate Kids Toothbrush website, 2012, <http://eeendeavors.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](http://www.piave.com/ing/line_silver_care_kiddies_toothbrushes).

\* cited by examiner

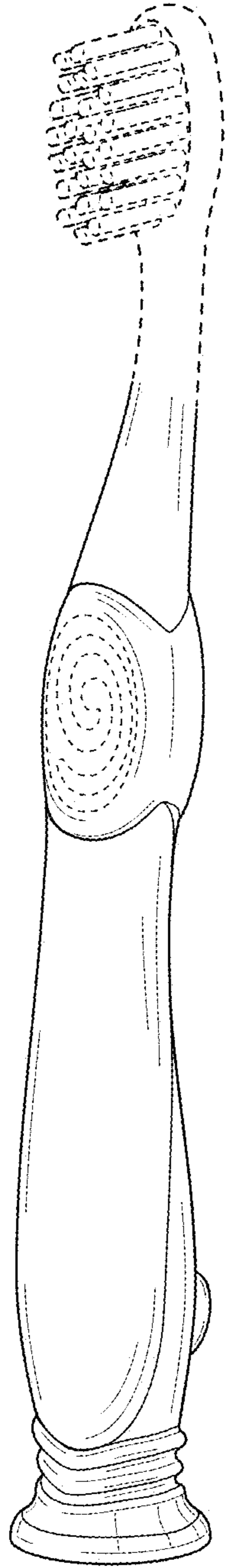


FIG. 1

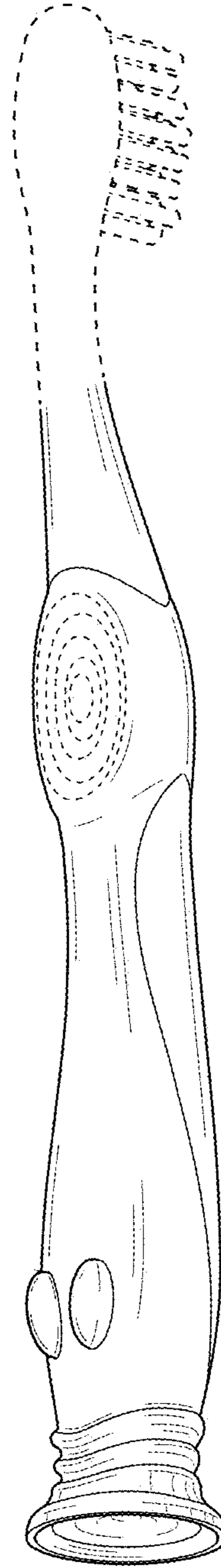


FIG. 2

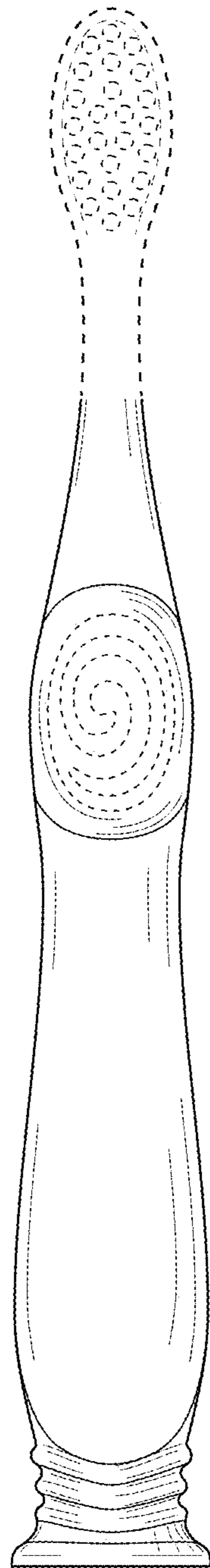


FIG. 3

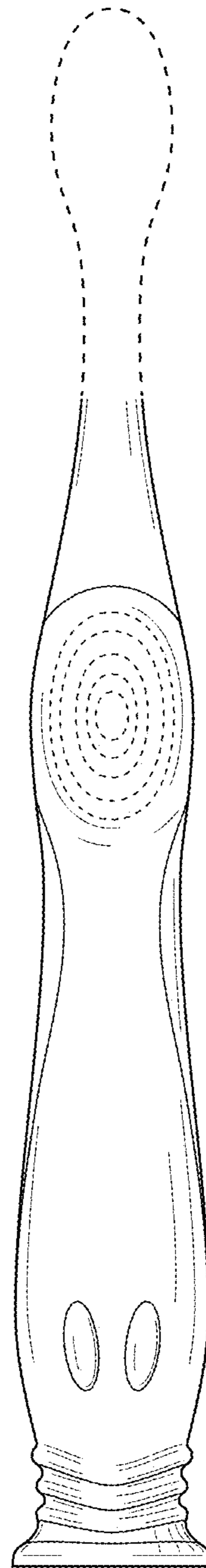


FIG. 4



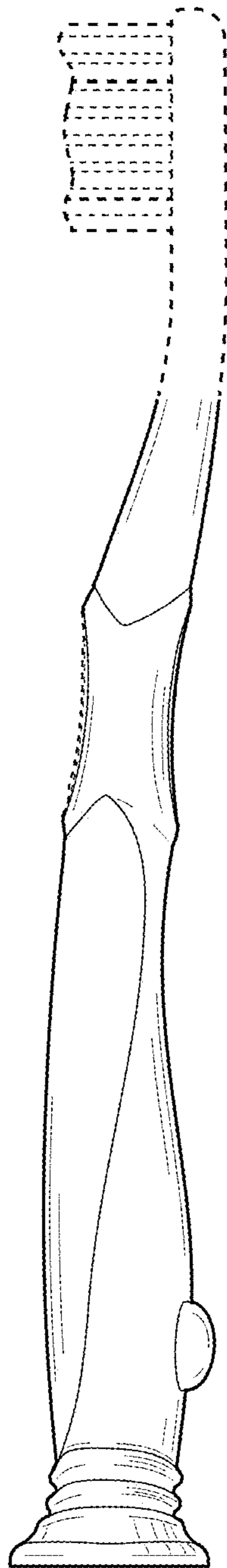


FIG. 5

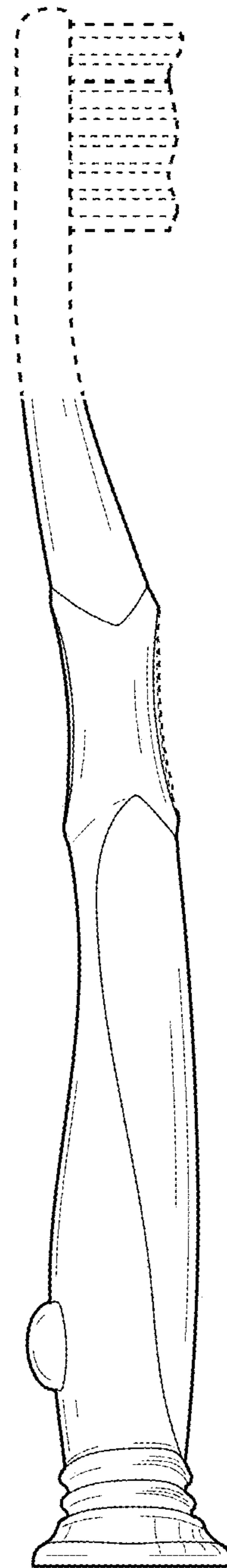


FIG. 6



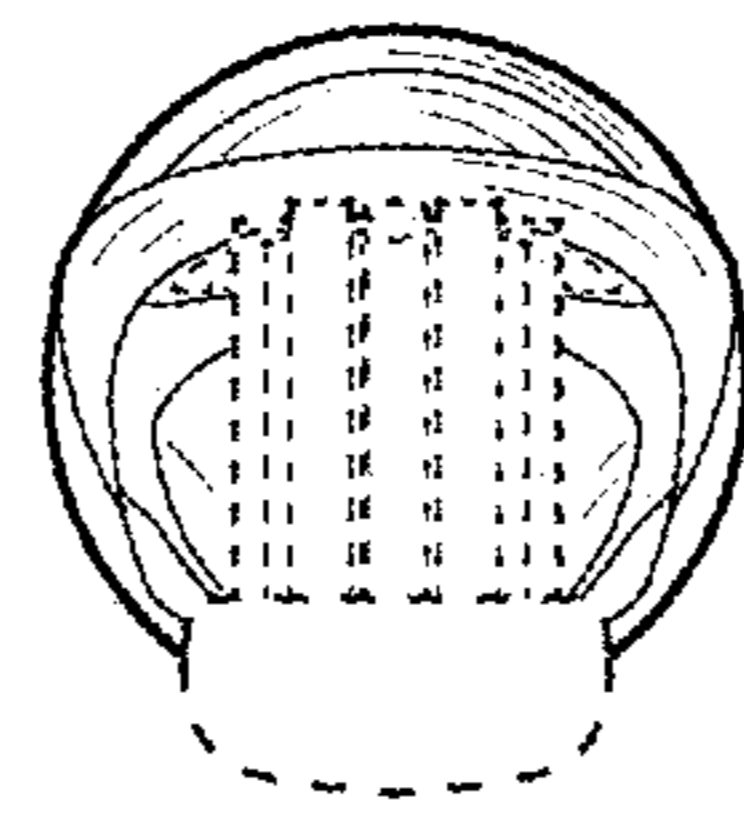


FIG. 7

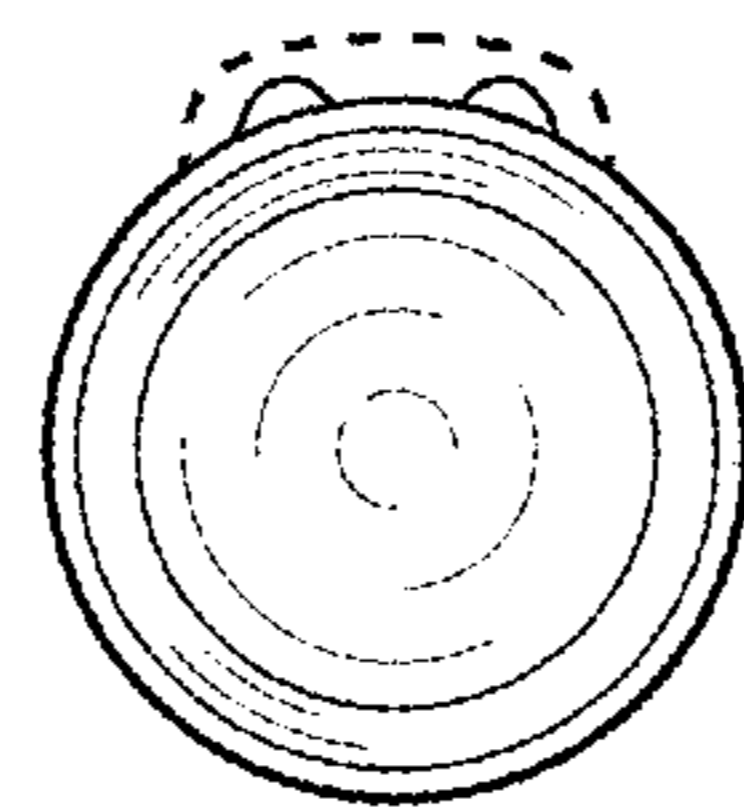


FIG. 8