



US00D886460S

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

(10) **Patent No.:** **US D886,460 S**
(45) **Date of Patent:** **** Jun. 9, 2020**

- (54) **TOOTHBRUSH**
- (71) Applicant: **Colgate-Palmolive Company**, New York, NY (US)
- (72) Inventors: **Wenjin Xi**, Shanghai (CN); **Yanmei Ji**, Yangzhou (CN); **Bo Zhang**, Yangzhou (CN); **Kai Zhang**, Yangzhou (CN); **Guangsheng Guo**, Yangzhou (CN)
- (73) Assignee: **Colgate-Palmolive Company**, New York, NY (US)

- D441,958 S 5/2001 Rueb
- D446,393 S 8/2001 Manfredi et al.
- D462,527 S 9/2002 Ping
- D475,531 S 6/2003 Klimeck et al.
- D480,214 S 10/2003 Kling et al.
- D494,370 S 8/2004 Wong
- D517,812 S 3/2006 Hohlbein et al.
- D577,493 S 9/2008 Wong
- D630,020 S 1/2011 Wong
- D634,934 S 3/2011 Kalbfeld et al.
- D635,775 S 4/2011 Kalbfeld et al.
- 8,006,342 B2 8/2011 Nanda

(Continued)

- (**) Term: **15 Years**
- (21) Appl. No.: **29/698,089**
- (22) Filed: **Jul. 15, 2019**

FOREIGN PATENT DOCUMENTS

- BR DI6805219-7 3/2009
- BR DI7102573-1 1/2013

(Continued)

Primary Examiner — Karen E Eldridge Powers

Related U.S. Application Data

- (62) Division of application No. 29/625,816, filed on Nov. 13, 2017, now Pat. No. Des. 860,653, which is a division of application No. 29/570,680, filed on Jul. 11, 2016, now Pat. No. Des. 813,550, which is a division of application No. 29/498,171, filed on Jul. 31, 2014, now Pat. No. Des. 764,177.

- (51) **LOC (12) Cl.** **04-02**
- (52) **U.S. Cl.**
USPC **D4/104**
- (58) **Field of Classification Search**
USPC D4/101, 102, 104, 105, 106, 107, 108,
D4/109, 110, 111, 112, 113
CPC A46B 9/04; A46B 9/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D357,121 S 4/1995 Fuentes et al.
- 5,533,227 A 7/1996 Ito et al.
- D387,205 S 12/1997 Moskovich

(57) **CLAIM**

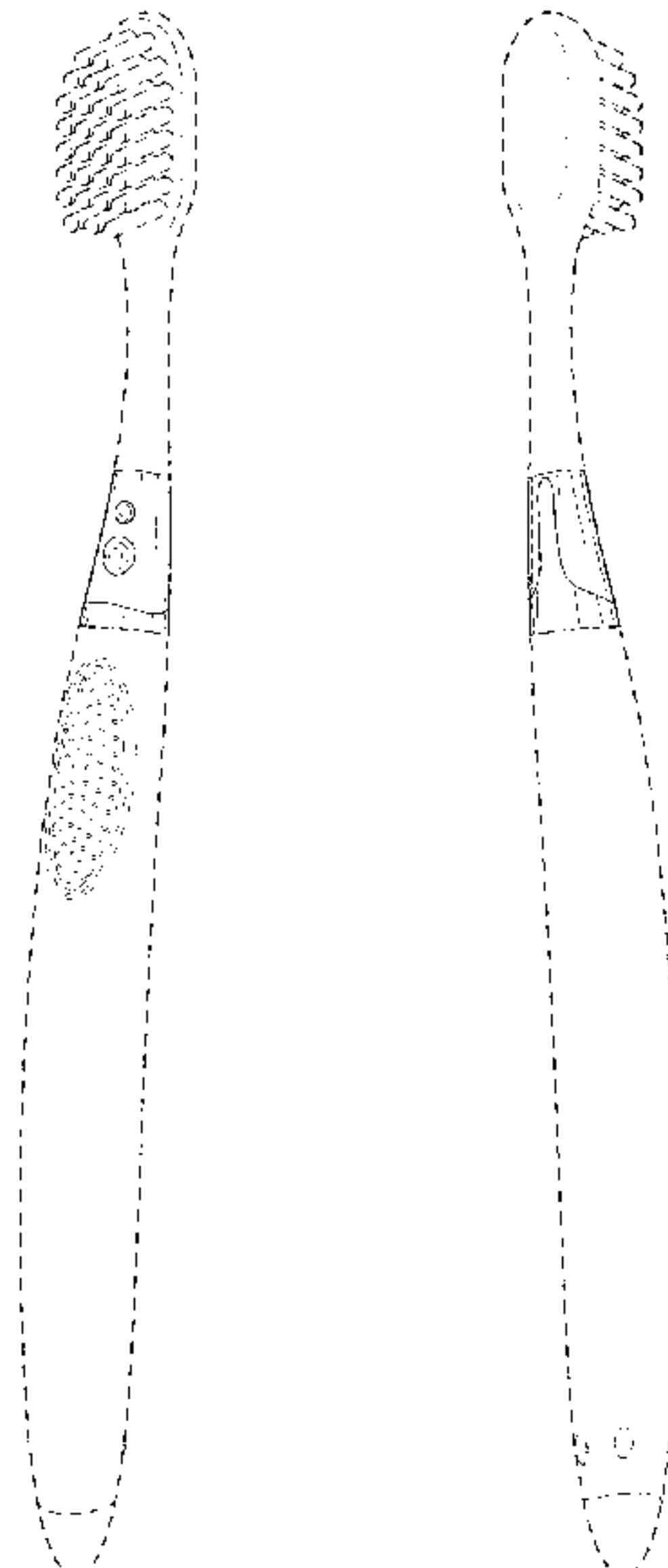
The ornamental design for a toothbrush, as shown and described.

DESCRIPTION

FIG. 1 is a right front perspective view of a toothbrush according to an embodiment of the new design; FIG. 2 is a left rear perspective view thereof; FIG. 3 is a front elevation view thereof; FIG. 4 is a rear elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a right side elevation view thereof; FIG. 7 is a top plan view thereof; and, FIG. 8 is a bottom plan view thereof.

In the drawings, the broken lines of equal length illustrate portions of the toothbrush that form no part of the claimed design. The broken lines of unequal length represent the boundaries of the claimed design and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D645,254 S	9/2011	Ki et al.	
D654,270 S	2/2012	Jimenez et al.	
D654,695 S	2/2012	Jimenez et al.	
D654,696 S	2/2012	Jimenez et al.	
D661,490 S	6/2012	Jin et al.	
D671,326 S	11/2012	Jimenez et al.	
D672,561 S	12/2012	Jin et al.	
8,464,388 B2	6/2013	Chen	
D686,825 S	7/2013	Xi et al.	
8,511,323 B2	8/2013	Jimenez et al.	
D698,554 S	2/2014	Xi et al.	
D704,447 S	5/2014	Xi et al.	
D710,111 S	8/2014	Ding et al.	
D860,653 S *	9/2019	Xi	D4/104
2007/0163064 A1	7/2007	Wong et al.	

FOREIGN PATENT DOCUMENTS

CN	1214894	4/1999	
CN	1371645	10/2002	
CN	1475184	2/2004	
CN	1493236	5/2004	
CN	1504139	6/2004	
CN	1813611	8/2006	
CN	101011200	8/2007	
CN	101057728	10/2007	
CN	101066178	11/2007	
CN	300786056	6/2008	
CN	201256721	6/2009	
CN	201499805	6/2010	
CN	301413563	12/2010	
CN	201894324	7/2011	
CN	301736977	11/2011	
CN	301736982	11/2011	
CN	202069134	12/2011	
CN	301850474	3/2012	
CN	302037495	8/2012	
CN	302098067	10/2012	
CN	202514896	11/2012	
CN	302443083	5/2013	
CN	302500154	7/2013	
EC	D000061387-0001	12/2003	
EC	D000097415-0005	2/2004	
EC	D000992961-001	10/2008	
EC	D001638636-0001	1/2010	
EC	D001224166-0001	7/2010	

EC	D001224166-0002	7/2010
EC	D001235436-0001	1/2011
EC	D001280820-0003	7/2011
EC	D001224919-0001	1/2013
IN	191195	2/2003
IN	194520	1/2004
IN	206601	10/2006
IN	207535	12/2006
IN	207536	12/2006
IN	213024	4/2007
IN	213025	4/2007
IN	214440	7/2007
IN	214441	7/2007
IN	214442	7/2007
IN	214437	1/2008
IN	214438	1/2008
IN	219038	6/2008
IN	232733	11/2010
IN	249094	10/2012
KR	30-0365768	11/2004
MX	PA/E/2003/049205	11/2003
MX	E/2008/005529	1/2008
MX	E/2011/032927	5/2011
RU	45898	8/1999
RU	52229	4/2003
RU	83717	12/2012
TW	592455	6/2004
WO	0132053	5/2001
WO	0182741	11/2001
WO	2004/080237	9/2004
WO	2004/093718	11/2004
WO	2005/087046	9/2005
WO	2006/062187	6/2006
WO	2006/062265	6/2006
WO	2006/107123	10/2006
WO	2007/016802	2/2007
WO	2007/043848	4/2007
WO	2007/073045	6/2007
WO	2007/104381	9/2007
WO	2008/022480	2/2008
WO	2008/060005	5/2008
WO	2008/111792	9/2008
WO	2008/138158	11/2008
WO	2009/084637	7/2009
WO	2010/069917	6/2010
WO	2010/069919	6/2010
WO	2010/119688	10/2010
WO	2011/014000	2/2011

* cited by examiner

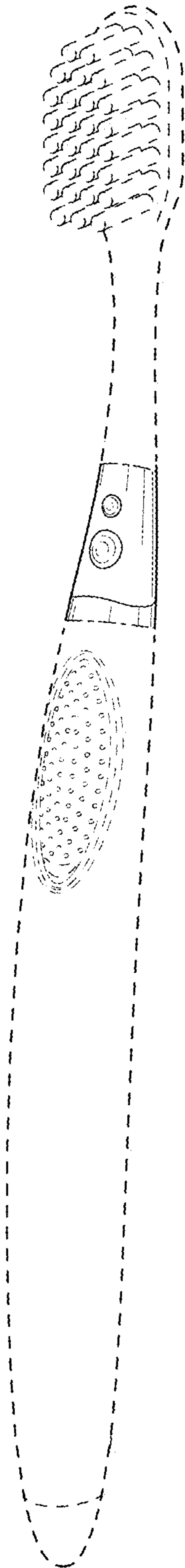


FIG. 1

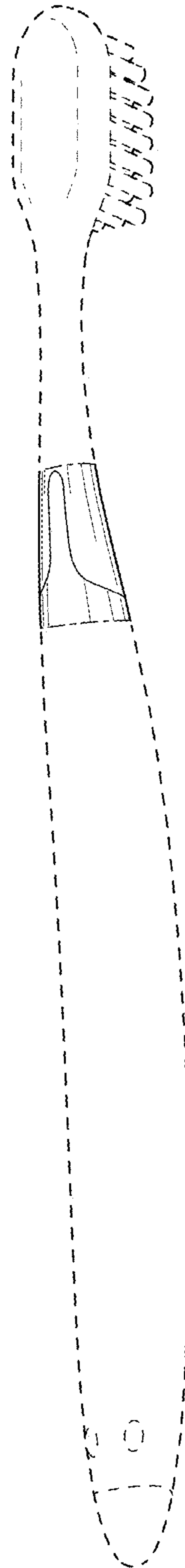


FIG. 2



FIG. 3

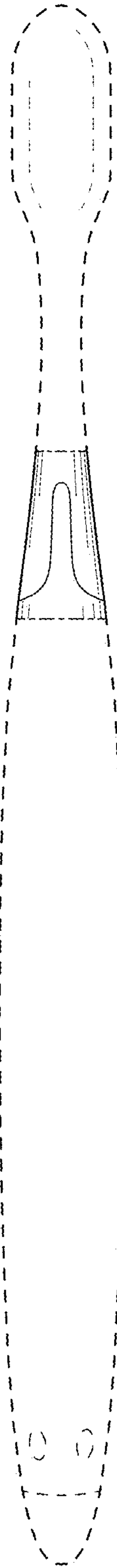


FIG. 4

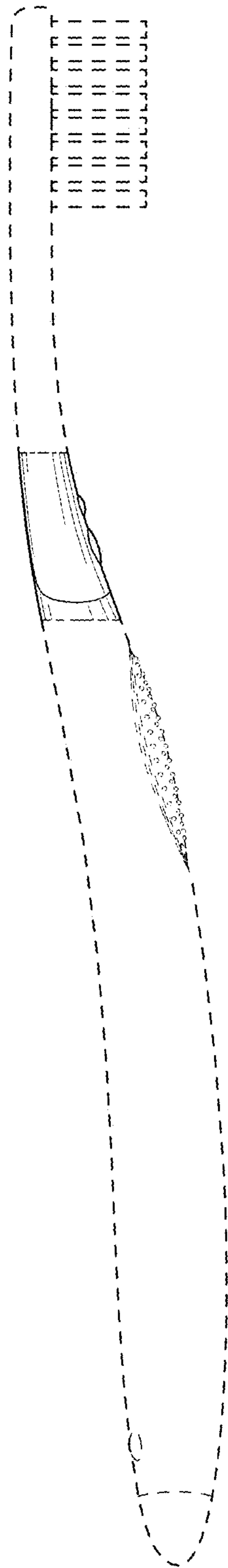


FIG. 5

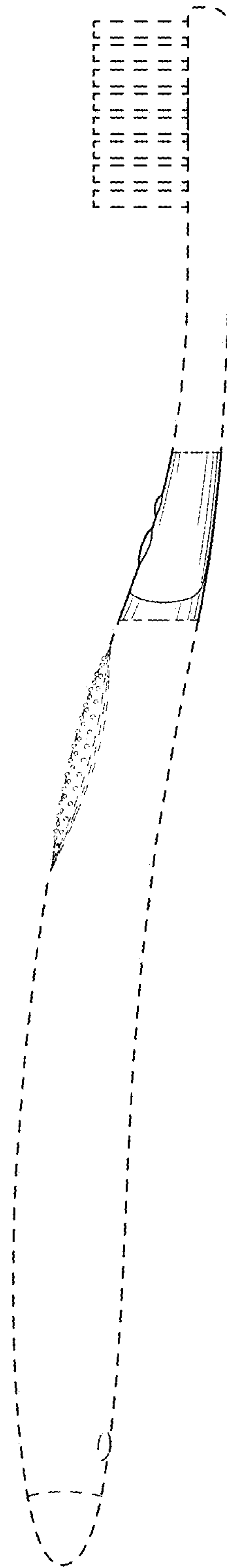


FIG. 6



FIG. 7



FIG. 8