



US00D959843S

(12) **United States Design Patent** (10) **Patent No.:** **US D959,843 S**  
**Jungnickel et al.** (45) **Date of Patent:** **\*\* Aug. 9, 2022**

(54) **TOOTHBRUSH**  
(71) Applicant: **The Gillette Company LLC**, Boston, MA (US)  
(72) Inventors: **Uwe Jungnickel**, Koenigstein Taunus (DE); **Dominik Langhammer**, Frankfurt (DE)  
(73) Assignee: **The Gillette Company LLC**, Boston, MA (US)

D334,844 S \* 4/1993 Lunderman ..... D4/138  
D336,040 S 6/1993 Philippe  
D373,903 S 9/1996 Stutzer et al.  
D420,910 S 2/2000 Stuppi  
D454,251 S 3/2002 De Swarte et al.  
D456,607 S 5/2002 Carlucci et al.  
D465,655 S 11/2002 Kraemer  
6,546,586 B2 \* 4/2003 Cho ..... A46B 9/06  
15/167.1  
D489,002 S 4/2004 Meyer et al.  
(Continued)

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

(21) Appl. No.: **29/752,912**

(22) Filed: **Sep. 29, 2020**

**Related U.S. Application Data**

(62) Division of application No. 29/704,079, filed on Aug. 30, 2019, now Pat. No. Des. 901,183.

(30) **Foreign Application Priority Data**

Mar. 22, 2019 (WO) ..... 970011959

(51) **LOC (13) Cl.** ..... **04-02**

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

(58) **Field of Classification Search**  
USPC ..... D4/100, 101, 102, 104, 105, 106, 107,  
D4/108, 109, 110, 111, 112, 113, 114,  
D4/115, 116, 119, 130, 132, 133, 134,  
D4/136, 137, 138, 199  
CPC ... A46B 2200/1066; A46B 5/02; A61C 17/16;  
A61C 17/22  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,242,743 A 5/1941 Brown  
4,880,111 A 11/1989 Bagwell

**FOREIGN PATENT DOCUMENTS**

CN 1229341 A 9/1999  
CN 1241123 A 1/2000  
(Continued)

**OTHER PUBLICATIONS**

All Office Actions, U.S. Appl. No. 29/704,079.  
(Continued)

*Primary Examiner* — Karen E Eldridge Powers  
(74) *Attorney, Agent, or Firm* — Vladimir Vitenberg

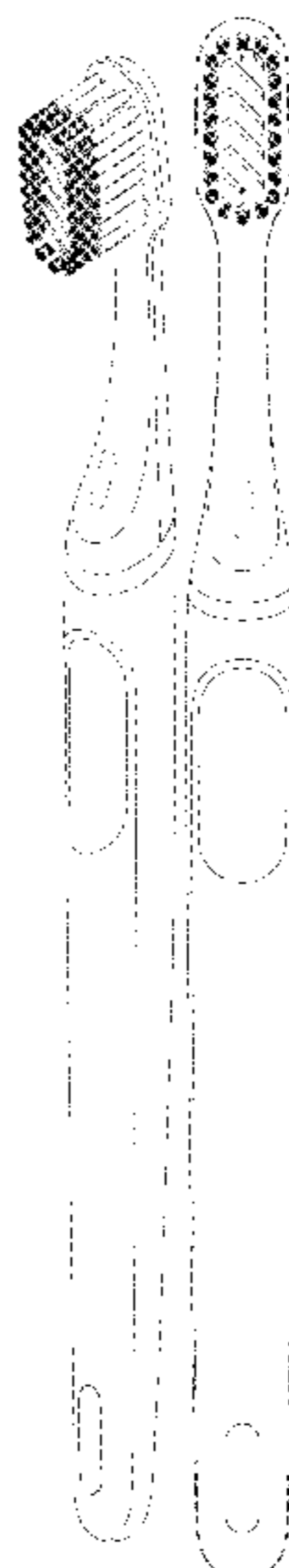
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a toothbrush;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a right side elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines illustrate environmental structure and form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

6,751,823 B2	6/2004	Biro		D793,735 S *	8/2017	Zavalloni	D4/102
6,957,468 B2	10/2005	Driesen et al.		D794,336 S *	8/2017	Zavalloni	D4/102
D515,816 S	2/2006	Jimenez et al.		D795,419 S	8/2017	Kohler	
D517,213 S	3/2006	Vu et al.		9,724,180 B1	8/2017	Liu	
7,047,591 B2	5/2006	Hohlbein		9,724,181 B2	8/2017	Schaefer et al.	
D533,720 S	12/2006	Vu		D799,217 S	10/2017	Massee	
D569,623 S	5/2008	Beedham		D799,218 S	10/2017	Okai	
D577,493 S	9/2008	Wong		D799,835 S	10/2017	Okai	
D578,768 S *	10/2008	Geiberger	D4/104	9,788,926 B2	10/2017	Franke	
7,520,016 B2	4/2009	Kressner		D801,696 S	11/2017	Mcgarry et al.	
D598,198 S	8/2009	Crossman		D805,306 S	12/2017	Massee	
D605,525 S	12/2009	Zitterkopf		9,865,184 B2	1/2018	Jungnickel et al.	
D607,646 S	1/2010	Ino		D814,195 S	4/2018	Sikora et al.	
D609,914 S	2/2010	Erskine-Smith et al.		D815,838 S *	4/2018	Xi	D4/104
D613,154 S	4/2010	Arnell		D818,274 S	5/2018	Bauernfeind	
D617,843 S	6/2010	Heinke		D819,337 S	6/2018	Yuan et al.	
7,788,756 B2	9/2010	Kraemer		D819,973 S	6/2018	Greve et al.	
7,836,537 B1 *	11/2010	Kumar	A46B 9/04 15/22.1	D824,174 S	7/2018	Altmann et al.	
D630,019 S	1/2011	Wong		D824,175 S	7/2018	Yan	
D630,020 S	1/2011	Wong		D828,036 S	9/2018	Wainless et al.	
D631,345 S	1/2011	Gustafson		D831,358 S	10/2018	Altmann et al.	
D650,659 S	12/2011	Tucker		D833,753 S *	11/2018	Axelrod	D4/119
D652,626 S	1/2012	Gebski		D834,324 S	11/2018	Hielscher	
D653,035 S	1/2012	Gebski		10,123,609 B2	11/2018	Dishon	
D656,817 S	4/2012	Tucker et al.		D838,991 S	1/2019	Choi et al.	
D657,954 S	4/2012	Gebski		10,195,005 B2	2/2019	Wallström et al.	
D658,381 S	5/2012	Gebski		D844,995 S	4/2019	Wong et al.	
D658,383 S	5/2012	Key et al.		D845,636 S	4/2019	Porter et al.	
D669,687 S	10/2012	Heil et al.		D854,331 S	7/2019	Hielscher	
D669,688 S	10/2012	Jimenez et al.		D854,332 S	7/2019	Hielscher	
D674,195 S	1/2013	Nanda		D854,334 S	7/2019	Hielscher	
D676,663 S	2/2013	Ptok et al.		D854,835 S	7/2019	Hielscher et al.	
D684,469 S	6/2013	Collinet		D855,997 S	8/2019	Hielscher et al.	
8,464,388 B2	6/2013	Chen		D855,998 S	8/2019	Hielscher et al.	
D687,636 S	8/2013	Driesen et al.		10,376,039 B2	8/2019	Jungnickel	
D688,045 S	8/2013	Key et al.		D860,653 S	9/2019	Xi	
8,511,323 B2 *	8/2013	Jimenez	B65D 83/0011 132/311	D861,351 S	10/2019	Albay et al.	
D689,697 S	9/2013	Doumoto et al.		D862,223 S	10/2019	Camper	
8,549,691 B2	10/2013	Moskovich		D863,772 S	10/2019	Hu	
8,578,544 B2 *	11/2013	Brown, Jr.	A46B 15/0032 15/110	D863,773 S	10/2019	Hu	
8,656,548 B2	2/2014	Jungnickel et al.		10,426,249 B2 *	10/2019	Hohlbein	A46B 1/00
D704,447 S	5/2014	Xi		10,485,328 B2	11/2019	Jimenez et al.	
8,769,758 B2	7/2014	Jungnickel et al.		D868,482 S	12/2019	Papazian	
D710,111 S	8/2014	Ding		D874,156 S	2/2020	Altmann et al.	
D712,247 S	9/2014	Lemahieu		D874,830 S	2/2020	Choi et al.	
D717,547 S	11/2014	Adriaenssen et al.		10,548,392 B2 *	2/2020	Robinson	A46B 3/08
D718,057 S	11/2014	Massee et al.		D879,474 S	3/2020	Pauschitz	
D719,737 S	12/2014	Adriaenssen et al.		D880,165 S *	4/2020	Oh	D4/104
D734,614 S	7/2015	Driesen		D880,166 S *	4/2020	Oh	D4/104
D747,609 S	1/2016	Watkins		D880,870 S	4/2020	Greve	
D749,851 S	2/2016	Watkins		D880,871 S	4/2020	Choi	
D751,295 S	3/2016	Lee et al.		D881,581 S	4/2020	Smigel	
D752,868 S	4/2016	Mcgarry et al.		D882,271 S	4/2020	Mote	
D759,380 S	6/2016	Watkins		10,631,623 B2 *	4/2020	Kraemer	A46B 9/028
D759,381 S	6/2016	Watkins		D884,351 S	5/2020	Albay et al.	
D759,382 S	6/2016	Watkins		D884,354 S	5/2020	Albay et al.	
D759,383 S	6/2016	Watkins		D887,145 S	6/2020	Hu	
D762,986 S	8/2016	May et al.		D887,147 S	6/2020	Jimenez	
9,402,461 B2	8/2016	Brik et al.		D887,148 S	6/2020	Okai	
D766,581 S	9/2016	Bloch et al.		10,667,892 B2	6/2020	Bärtschi et al.	
D767,895 S	10/2016	Stabila et al.		10,687,611 B2	6/2020	Tschol	
D768,996 S	10/2016	Xi et al.		10,694,839 B2	6/2020	Tschol	
D771,388 S	11/2016	Since		D889,844 S	7/2020	Greve	
D773,822 S	12/2016	Sikora et al.		D890,528 S	7/2020	Albay et al.	
D775,469 S	1/2017	Sikora et al.		D891,114 S	7/2020	Kuang	
D776,936 S *	1/2017	Fretwell	D4/104	D891,116 S	7/2020	Feng	
D778,062 S	2/2017	Schmid		10,702,051 B2	7/2020	Tschol	
D787,189 S	5/2017	Fretwell et al.		10,702,053 B2	7/2020	Tschol	
9,642,682 B2	5/2017	Kato		10,709,533 B2	7/2020	Bloch	
9,675,168 B2 *	6/2017	Jungnickel	A46B 9/028	10,729,232 B2	8/2020	Jungnickel	
D790,859 S	7/2017	Mcgarry et al.		10,743,650 B2	8/2020	Katano	
D791,485 S	7/2017	Mcgarry et al.		10,750,847 B2	8/2020	Dengler	
				D894,610 S	9/2020	Albay et al.	
				D895,295 S	9/2020	Xu	
				D895,296 S	9/2020	Hu et al.	
				10,792,136 B2 *	10/2020	May	A61C 17/221
				D901,183 S	11/2020	Jungnickel et al.	
				10,835,025 B2	11/2020	Kirchhofer et al.	
				10,835,028 B2	11/2020	Gatzemeyer et al.	



(56)

References Cited

U.S. PATENT DOCUMENTS

10,869,742 B2 12/2020 Fritsch et al.  
 10,874,205 B2 12/2020 Alinski et al.  
 D906,678 S 1/2021 Ge  
 D906,688 S 1/2021 Porter et al.  
 D907,369 S 1/2021 Yang  
 10,881,195 B2 1/2021 Nanda  
 D909,065 S 2/2021 Mote et al.  
 10,925,384 B2 2/2021 Hohlbein et al.  
 D912,988 S \* 3/2021 Langhammer ..... D4/101  
 D912,989 S 3/2021 Albay et al.  
 D917,298 S 4/2021 Hallein et al.  
 D919,301 S 5/2021 Zhao  
 D926,048 S 7/2021 Hallein et al.  
 D926,049 S 7/2021 Hallein et al.  
 D927,972 S 8/2021 Hallein et al.  
 11,103,054 B2 8/2021 Altmann et al.  
 D930,989 S 9/2021 Albay et al.  
 D930,990 S 9/2021 Hallein et al.  
 D931,617 S \* 9/2021 Hallein ..... D4/110  
 D931,619 S 9/2021 Hallein et al.  
 D932,777 S 10/2021 Albay et al.  
 D933,368 S 10/2021 Albay et al.  
 D935,187 S 11/2021 Hu  
 D935,188 S 11/2021 He et al.  
 D935,192 S 11/2021 He et al.  
 D936,484 S 11/2021 Hallein et al.  
 D937,582 S 12/2021 Deng  
 D938,732 S 12/2021 Deng  
 2005/0268414 A1 \* 12/2005 Kim ..... A46B 9/04  
 15/167.1  
 2006/0048323 A1 3/2006 Rueb  
 2007/0131241 A1 6/2007 Nanda  
 2007/0163064 A1 7/2007 Wong et al.  
 2009/0013489 A1 1/2009 Binet  
 2010/0115724 A1 5/2010 Huang  
 2012/0124759 A1 5/2012 Fritsch  
 2012/0272996 A1 11/2012 Jimenez  
 2013/0255017 A1 10/2013 Lee  
 2015/0113747 A1 4/2015 May et al.  
 2016/0135580 A1 5/2016 Tschol et al.  
 2016/0270520 A1 9/2016 Lee  
 2017/0128178 A1 5/2017 Schmidt et al.  
 2018/0021116 A1 1/2018 StÖrkel  
 2019/0125065 A1 5/2019 Altmann  
 2019/0200740 A1 7/2019 Jungnickel  
 2019/0200742 A1 7/2019 Jungnickel  
 2019/0200743 A1 7/2019 Jungnickel  
 2019/0200748 A1 7/2019 Görich et al.  
 2019/0231063 A1 8/2019 May et al.  
 2020/0077778 A1 \* 3/2020 Jungnickel ..... A46B 9/025  
 2020/0179089 A1 6/2020 Serval  
 2020/0315334 A1 10/2020 Meidl  
 2020/0359779 A1 11/2020 Dengler et al.  
 2020/0368003 A1 11/2020 Claire-Zimmet et al.  
 2020/0397130 A1 12/2020 Ganninger et al.  
 2020/0397134 A1 12/2020 Ganninger et al.  
 2020/0397136 A1 12/2020 Ganninger et al.  
 2020/0397137 A1 12/2020 Ganninger et al.  
 2021/0030145 A1 2/2021 Lee et al.  
 2021/0045857 A1 2/2021 Fritsch et al.  
 2021/0145539 A1 5/2021 Greve  
 2021/0145557 A1 5/2021 May et al.

FOREIGN PATENT DOCUMENTS

CN 202269590 U 6/2012  
 CN 302898215 S 8/2014  
 DE 3241118 A1 8/1984  
 EM 0024534720002 8/2014  
 EM 003175470-0002 7/2016  
 EM 004362952-0001 9/2017  
 JP 1232984 S 3/2005  
 JP 1620904 S 12/2018  
 RU 93878 S 5/2010

RU 77426 S 2/2011  
 RU 89542 S 8/2014  
 TR 099695-0002 \* 3/2019  
 WO 093043 6/2017

OTHER PUBLICATIONS

All Office Actions, U.S. Appl. No. 29/752,903.  
 U.S. Appl. No. 29/746,709, filed Aug. 17, 2020, Christine Hallein et al.  
 U.S. Appl. No. 29/659,068, filed Aug. 6, 2020, Christine Hallein et al.  
 U.S. Appl. No. 29/787,707, filed Jun. 8, 2021, Uwe Jungnickel et al.  
 U.S. Appl. No. 29/746,718, filed Aug. 17, 2020, Dominik Langhammer.  
 U.S. Appl. No. 29/757,499, filed Nov. 6, 2020, Christine Hallein et al.  
 U.S. Appl. No. 29/752,903, filed Sep. 29, 2020, Uwe Jungnickel et al.  
 U.S. Appl. No. 29/762,793, filed Dec. 18, 2020, Uwe Jungnickel et al.  
 U.S. Appl. No. 29/787,712, filed Jun. 8, 2021, Uwe Jungnickel et al.  
 U.S. Appl. No. 29/699,695, filed Jul. 29, 2019, Niclas Altmann et al.  
 U.S. Appl. No. 29/743,560, filed Jul. 22, 2020, Devran Albay et al.  
 U.S. Appl. No. 29/758,268, filed Nov. 13, 2020, Devran Albay et al.  
 U.S. Appl. No. 29/758,249, filed Nov. 13, 2020, Devran Albay et al.  
 U.S. Appl. No. 29/758,251, filed Nov. 13, 2020, Devran Albay et al.  
 U.S. Appl. No. 29/758,276, filed Nov. 13, 2020, Devran Albay et al.  
 U.S. Appl. No. 29/758,274, filed Nov. 13, 2020, Devran Albay et al.  
 U.S. Appl. No. 29/786,732, filed Jun. 2, 2021, Devran Albay et al.  
 U.S. Appl. No. 29/786,746, filed Jun. 2, 2021, Devran Albay et al.  
 U.S. Appl. No. 29/794,152, filed Jun. 10, 2021, Devran Albay et al.  
 U.S. Appl. No. 29/782,323, filed May 6, 2021, Christine Hallein et al.  
 All Office Actions; U.S. Appl. No. 29/646,252, filed May 2, 2018.  
 All Office Actions; U.S. Appl. No. 29/659,068, filed Aug. 6, 2018.  
 All Office Actions; U.S. Appl. No. 29/659,078, filed Aug. 6, 2018.  
 All Office Actions; U.S. Appl. No. 29/681,302, filed Feb. 25, 2019.  
 All Office Actions; U.S. Appl. No. 29/695,301, filed Jun. 18, 2019.  
 All Office Actions; U.S. Appl. No. 29/699,695, filed Jul. 29, 2019.  
 All Office Actions; U.S. Appl. No. 29/743,560, filed Jul. 22, 2020.  
 All Office Actions; U.S. Appl. No. 29/746,709, filed Aug. 17, 2020.  
 All Office Actions; U.S. Appl. No. 29/746,718, filed Aug. 17, 2020.  
 All Office Actions; U.S. Appl. No. 29/755,910, filed Oct. 23, 2020.  
 All Office Actions; U.S. Appl. No. 29/757,497, filed Nov. 6, 2020.  
 All Office Actions; U.S. Appl. No. 29/757,499, filed Nov. 6, 2020.  
 All Office Actions; U.S. Appl. No. 29/758,249, filed Nov. 13, 2020.  
 All Office Actions; U.S. Appl. No. 29/758,251, filed Nov. 13, 2020.  
 All Office Actions; U.S. Appl. No. 29/758,268, filed Nov. 13, 2018.  
 All Office Actions; U.S. Appl. No. 29/758,274, filed Nov. 13, 2020.  
 All Office Actions; U.S. Appl. No. 29/758,276, filed Nov. 13, 2020.  
 All Office Actions; U.S. Appl. No. 29/761,083, filed Dec. 7, 2020.  
 All Office Actions; U.S. Appl. No. 29/761,085, filed Dec. 7, 2020.  
 All Office Actions; U.S. Appl. No. 29/761,086, filed Dec. 7, 2020.  
 All Office Actions; U.S. Appl. No. 29/761,090, filed Dec. 7, 2020.  
 All Office Actions; U.S. Appl. No. 29/762,793, filed Dec. 18, 2020.  
 All Office Actions; U.S. Appl. No. 29/782,323, filed May 6, 2021.  
 All Office Actions; U.S. Appl. No. 29/786,732, filed Jun. 2, 2021.  
 All Office Actions; U.S. Appl. No. 29/786,746, filed Jun. 2, 2021.  
 All Office Actions; U.S. Appl. No. 29/787,707, filed Jun. 8, 2021.  
 All Office Actions; U.S. Appl. No. 29/787,712, filed Jun. 8, 2021.  
 All Office Actions; U.S. Appl. No. 29/794,152, filed Jun. 10, 2018.  
 IFWorldDesignGuide | Entry | Oral-B CLIC, posted on Feb. 12, 2020, © 2021—iF Design [online], [site visited Feb. 26, 2021], Available from Internet, URL: <https://ifworlddesignguide.com/entry/281978-oral-b-clic/>.  
 Oral-B Brush, announced 2020 [online], [site visited Jul. 24, 2020], Available from internet, URL: <https://www.amazon.com/Oral-B-Manual-Toothbrush-Replacement-Magnetic/dp/B07XZ2P6M6> (Year: 2020).  
 Walmart | Philips Sonicare Sensitive Replacement Toothbrush Heads, posted on Apr. 30, 2019, © 2020 Walmart [online], [site visited Nov.

(56)

**References Cited**

OTHER PUBLICATIONS

5, 2020], Available from Internet, URL:<https://www.walmart.com/ip/Philips-Sonicare-Sensitive-replacement-toothbrush-heads-for-sensitive-teeth-HX6053-64-3-PK/21264305/>.

U.S. Appl. No. 29/819,318, filed Dec. 14, 2021, Devran Albay et al.

U.S. Appl. No. 29/814,616, filed Nov. 3, 2021, Christine Hallein et al.

U.S. Appl. No. 29/814,616, filed Nov. 8, 2021, Christine Hallein et al.

All Office Actions; U.S. Appl. No. 29/814,060, filed Nov. 3, 2021.

All Office Actions; U.S. Appl. No. 29/814,616, filed Nov. 8, 2021.

All Office Actions; U.S. Appl. No. 29/819,318, filed Dec. 14, 2021.

\* cited by examiner

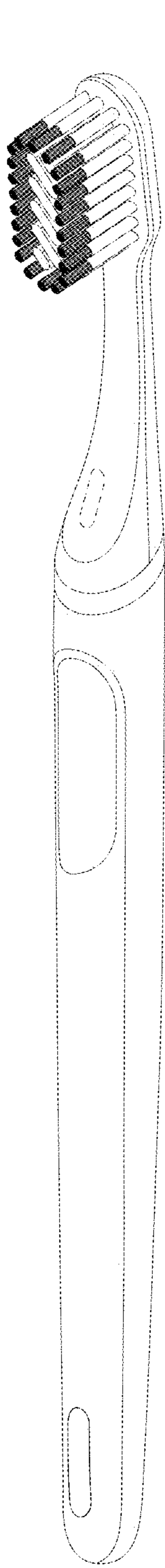


FIG. 1

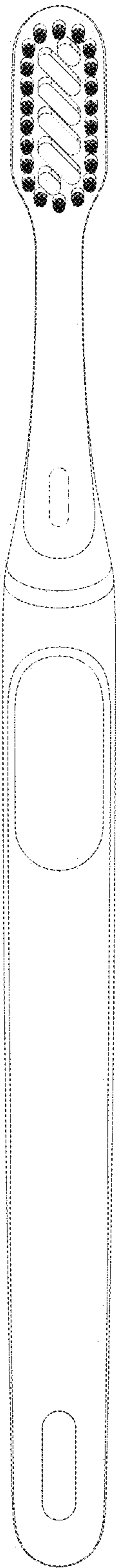


FIG. 2

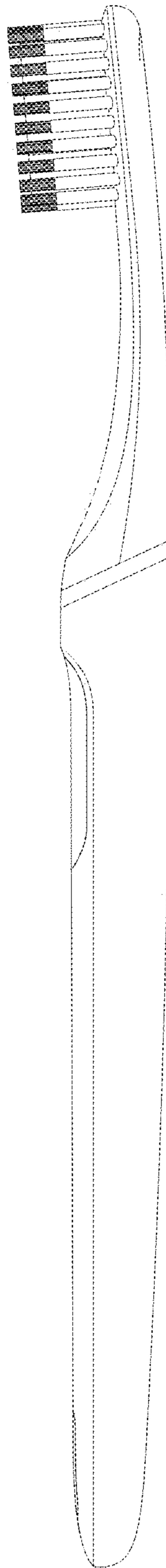


FIG. 3



FIG. 4



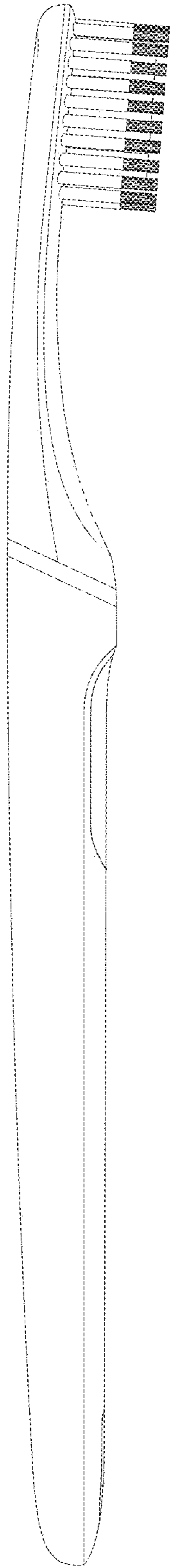


FIG. 5

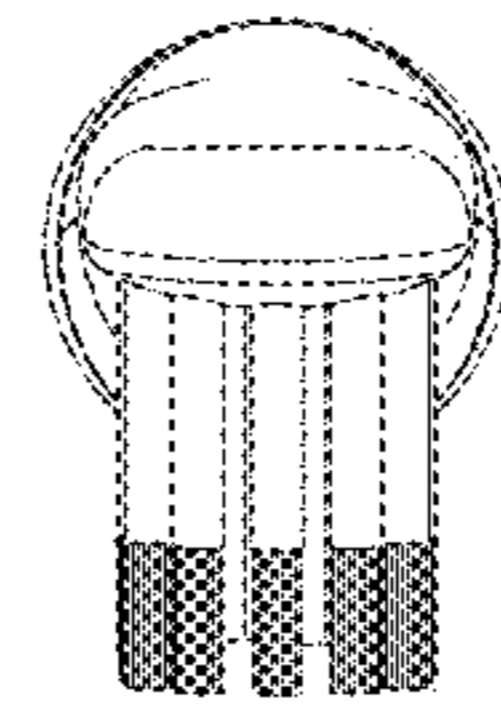


FIG. 6

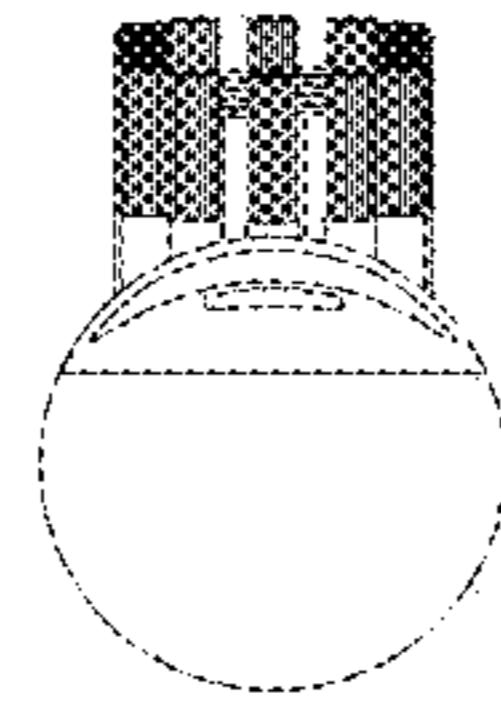


FIG. 7