



US00D960583S

(12) **United States Design Patent** (10) **Patent No.:** **US D960,583 S**
Hallein et al. (45) **Date of Patent:** **** Aug. 16, 2022**

(54) **TOOTHBRUSH** D334,844 S 4/1993 Lunderman
D336,040 S 6/1993 Philippe
(71) Applicant: **The Gillette Company LLC**, Boston, MA (US) D373,903 S 9/1996 Stutzer et al.
(Continued)

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

(73) Assignee: **The Gillette Company LLC**, Boston, MA (US) OTHER PUBLICATIONS

(**) Term: **15 Years**
(21) Appl. No.: **29/757,499**
(22) Filed: **Nov. 6, 2020**
Oral-B Brush, announced Feb. 2020 [online], [site visited Mar. 17, 2021]. Available from internet, URL: <https://www.amazon.com/Oral-B-Manual-Toothbrush-Replacement-Magnetic/dp/B07XZ2P6M6> (Year: 2020).*
(Continued)

Related U.S. Application Data

(60) Continuation of application No. 29/755,910, filed on Oct. 23, 2020, which is a division of application No. 29/681,302, filed on Feb. 25, 2019.
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(30) **Foreign Application Priority Data**

Sep. 3, 2018 (WO) 8757601

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

(52) **U.S. Cl.**
USPC **D4/110**

(58) **Field of Classification Search**
USPC D4/100-138; D8/90, 105, 107, 300, 303; D32/50, 51, 52; D28/7, 63; D7/393, D7/395, 401.2; D24/176, 181
CPC A46B 2200/1066; A46B 2200/1046; A46B 2200/3093; A46B 9/04; A46B 13/023; A46B 5/0095; A61C 15/00; Y10S 15/00; Y10S 15/10
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

(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 view thereof; FIG. 3 is a right-side view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left-side view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom view thereof.
The broken lines are used in the drawings to designate portions of the toothbrush that form no part of the claimed design.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

D420,910 S	2/2000	Stuppi	9,675,168 B2	6/2017	Jungnickel et al.	
D454,251 S	3/2002	De et al.	D790,859 S	7/2017	Mcgarry et al.	
D456,607 S	5/2002	Carlucci et al.	D791,485 S	7/2017	Mcgarry et al.	
D465,655 S	11/2002	Kraemer	D793,735 S	8/2017	Zavalloni	
6,546,586 B2	4/2003	Cho	D794,336 S	8/2017	Zavalloni	
D489,002 S	4/2004	Meyer et al.	D795,419 S	8/2017	Kohler	
6,751,823 B2	6/2004	Biro	9,724,180 B1	8/2017	Liu	
6,957,468 B2	10/2005	Driesen et al.	9,724,181 B2	8/2017	Schaefer et al.	
D515,816 S	2/2006	Jimenez et al.	D799,217 S	10/2017	Massee	
D517,213 S	3/2006	Vu et al.	D799,218 S	10/2017	Okai	
7,047,591 B2	5/2006	Hohlbein	D799,835 S	10/2017	Okai	
D533,720 S	12/2006	Vu	9,788,926 B2	10/2017	Franke	
D569,623 S	5/2008	Beedham	D801,696 S	11/2017	Mcgarry et al.	
D577,493 S	9/2008	Wong	D805,306 S	12/2017	Massee	
D578,768 S	10/2008	Geiberger	9,865,184 B2	1/2018	Jungnickel et al.	
7,520,016 B2	4/2009	Kressner	D814,195 S	4/2018	Sikora et al.	
D598,198 S	8/2009	Crossman	D815,838 S	4/2018	Xi et al.	
D605,525 S	12/2009	Zitterkopf	D818,274 S	5/2018	Bauernfeind	
D607,646 S	1/2010	Ino	D819,337 S	6/2018	Yuan et al.	
D609,914 S	2/2010	Erskine-smith et al.	D819,973 S	6/2018	Greve et al.	
D613,154 S	4/2010	Arnell	D824,174 S	7/2018	Altmann et al.	
D617,843 S	6/2010	Heinke	D824,175 S	7/2018	Yan	
7,788,756 B2	9/2010	Kraemer	D828,036 S	9/2018	Wainless et al.	
7,836,537 B1	11/2010	Kumar	D831,358 S	10/2018	Altmann et al.	
D630,019 S	1/2011	Wong	D833,753 S	11/2018	Axelrod et al.	
D630,020 S	1/2011	Wong	D834,324 S	11/2018	Hielscher	
D631,345 S	1/2011	Gustafson	10,123,609 B2	11/2018	Dishon	
D650,659 S	12/2011	Tucker	D838,991 S	1/2019	Choi et al.	
D652,626 S	1/2012	Gebski	10,195,005 B2	2/2019	Wallström et al.	
D653,035 S	1/2012	Gebski	D844,995 S	4/2019	Wong et al.	
D656,817 S	4/2012	Tucker et al.	D845,636 S	4/2019	Porter et al.	
D657,954 S	4/2012	Gebski	D854,331 S	7/2019	Hielscher	
D658,381 S	5/2012	Gebski	D854,332 S	7/2019	Hielscher	
D658,383 S	5/2012	Key et al.	D854,334 S	7/2019	Hielscher	
D669,687 S	10/2012	Heil et al.	D854,835 S	7/2019	Hielscher et al.	
D669,688 S	10/2012	Jimenez et al.	D855,997 S	8/2019	Hielscher et al.	
D674,195 S	1/2013	Nanda	D855,998 S *	8/2019	Hielscher D4/104	
D676,663 S	2/2013	Ptok et al.	10,376,039 B2	8/2019	Jungnickel	
D684,469 S	6/2013	Collinet	D860,653 S	9/2019	Xi	
8,464,388 B2	6/2013	Chen	D861,351 S	10/2019	Albay et al.	
D687,636 S	8/2013	Driesen et al.	D862,223 S	10/2019	Brands	
D688,045 S	8/2013	Key et al.	D863,772 S	10/2019	Hu	
8,511,323 B2	8/2013	Jimenez et al.	D863,773 S	10/2019	Hu	
D689,697 S	9/2013	Doumoto et al.	10,426,249 B2	10/2019	Hohlbein et al.	
8,549,691 B2	10/2013	Moskovich	10,485,328 B2	11/2019	Jimenez et al.	
8,578,544 B2	11/2013	Brown, Jr. et al.	D868,482 S	12/2019	Papazian	
8,656,548 B2	2/2014	Jungnickel et al.	D874,156 S	2/2020	Altmann et al.	
D704,447 S	5/2014	Xi	D874,830 S	2/2020	Choi et al.	
8,769,758 B2	7/2014	Jungnickel et al.	10,548,392 B2	2/2020	Robinson et al.	
D710,111 S	8/2014	Ding	D879,474 S	3/2020	Pauschitz	
D712,247 S	9/2014	Lemahieu	D880,165 S	4/2020	Oh et al.	
D717,547 S	11/2014	Adriaenssen et al.	D880,166 S	4/2020	Oh et al.	
D718,057 S	11/2014	Massee et al.	D880,870 S	4/2020	Greve	
D719,737 S	12/2014	Adriaenssen et al.	D880,871 S	4/2020	Choi	
D734,614 S	7/2015	Driesen	D881,581 S	4/2020	Smigel	
D747,609 S	1/2016	Watkins	D882,271 S	4/2020	Mote	
D749,851 S	2/2016	Watkins	10,631,623 B2	4/2020	Kraemer	
D751,295 S	3/2016	Lee et al.	D884,351 S	5/2020	Albay et al.	
D752,868 S	4/2016	Mcgarry et al.	D884,354 S	5/2020	Albay et al.	
D759,380 S	6/2016	Watkins	D887,145 S	6/2020	Hu	
D759,381 S	6/2016	Watkins	D887,147 S	6/2020	Jimenez	
D759,382 S	6/2016	Watkins	D887,148 S	6/2020	Okai	
D759,383 S	6/2016	Watkins	10,667,892 B2	6/2020	Bärtschi et al.	
D762,986 S *	8/2016	May D4/104	10,687,611 B2	6/2020	Tschol	
9,402,461 B2	8/2016	Brik et al.	10,694,839 B2	6/2020	Tschol	
D766,581 S	9/2016	Bloch et al.	D889,844 S	7/2020	Greve	
D767,895 S	10/2016	Stebila et al.	D890,528 S	7/2020	Albay et al.	
D768,996 S *	10/2016	Xi D4/104	D891,114 S	7/2020	Kuang	
D771,388 S	11/2016	Since	D891,116 S	7/2020	Feng	
D773,822 S	12/2016	Sikora et al.	10,702,051 B2	7/2020	Tschol	
D775,469 S	1/2017	Sikora et al.	10,702,053 B2	7/2020	Tschol	
D776,936 S	1/2017	Fretwell et al.	10,709,533 B2	7/2020	Bloch	
D778,062 S	2/2017	Schmid	10,729,232 B2	8/2020	Jungnickel	
D787,189 S	5/2017	Fretwell et al.	10,743,650 B2	8/2020	Katano	
9,642,682 B2	5/2017	Kato	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 et al.	

(56)

References Cited

U.S. PATENT DOCUMENTS

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.
 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 Haiiein 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
 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 et al.
 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
 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 et al.
 2019/0125065 A1 5/2019 Altmann
 2019/0200740 A1 7/2019 Jungnickel
 2019/0200742 A1 7/2019 Jungnickel
 2019/0200743 A1 * 7/2019 Jungnickel A46B 5/026
 2019/0200748 A1 * 7/2019 Gorich B29C 45/14385
 2019/0231063 A1 8/2019 May et al.
 2020/0077778 A1 3/2020 Jungnickel
 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 0996950002 3/2019
 WO DM093043 6/2017

OTHER PUBLICATIONS

“All Office Actions, U.S. Appl. No. 29/681,302”.
 “All Office Actions, U.S. Appl. No. 29/755,910”.
 “All Office Actions, U.S. Appl. No. 29/757,497”.
 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. 29/695,301, 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. 29/704,079, filed Aug. 30, 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. 29/752,903, filed Sep. 29, 2020.
 All Office Actions; U.S. Appl. No. 29/752,912, filed Sep. 29, 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 I Entry I 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/>.
 Walmart | Philips Sonicare Sensitive Replacement Toothbrush Heads, posted on Apr. 30, 2019, © 2020 Walmart [online], [site visited Nov. 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/>.
 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.
 U.S. Appl. No. 29/819,318, filed Dec. 14, 2021, Devran Albay et al.
 U.S. Appl. No. 29/814,060, filed Nov. 3, 2021, Christine Hallein et al.
 U.S. Appl. No. 29/814,616, filed Nov. 8, 2021, Christine Hallein et al.

* cited by examiner

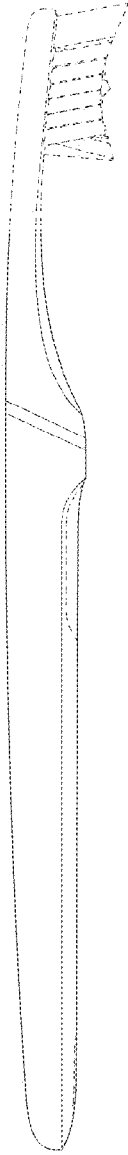
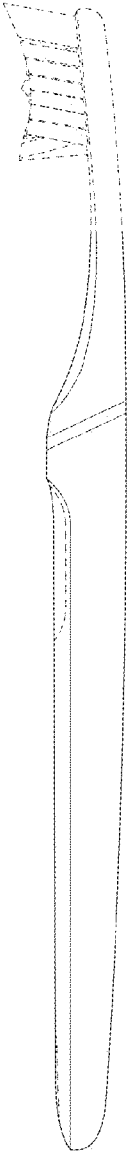
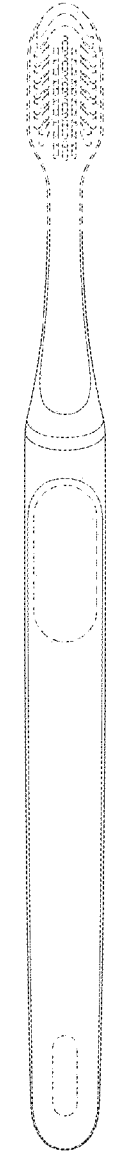
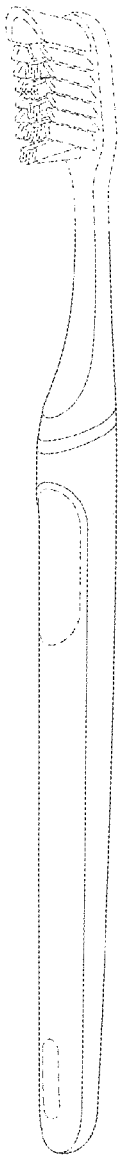


FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5



FIG. 6



FIG. 7