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(12) **United States Design Patent** (10) **Patent No.:** **US D854,336 S**
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(54) **TOOTHBRUSH**
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6,397,425 B1 * 6/2002 Szczech A46B 5/0062 15/143.1
D463,668 S * 10/2002 Yoshimoto D4/104
D502,603 S * 3/2005 Seifert D4/104
D506,616 S * 6/2005 Winkler D4/104
D506,871 S * 7/2005 Winkler D4/104
D506,873 S * 7/2005 Kling D4/104
D531,414 S * 11/2006 Wong D4/104
7,174,596 B2 2/2007 Fischer et al.
D549,459 S * 8/2007 Crossman D4/104
D559,546 S * 1/2008 Wong D4/104
(Continued)

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(*) Notice: This patent is subject to a terminal disclaimer.

FOREIGN PATENT DOCUMENTS

CN 300856984 * 12/2008
CN 302033831 * 8/2012
(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/618,565**

U.S. Appl. No. 29/618,547, filed Sep. 21, 2017, Hielscher et al.
(Continued)

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **04-02**

(52) **U.S. Cl.**
USPC **D4/104**

(58) **Field of Classification Search**
USPC D4/104, 105, 106, 107, 108, 109, 110, D4/111, 112, 113, 114, 115, 116, 117, D4/118, 121, 122, 123, 134, 135, 126, D4/127, 128, 129, 101
CPC A46B 9/04; A46B 15/0081; A46B 2200/1066; A46B 2200/1073; A46B 9/02
See application file for complete search history.

(57) **CLAIM**

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

DESCRIPTION

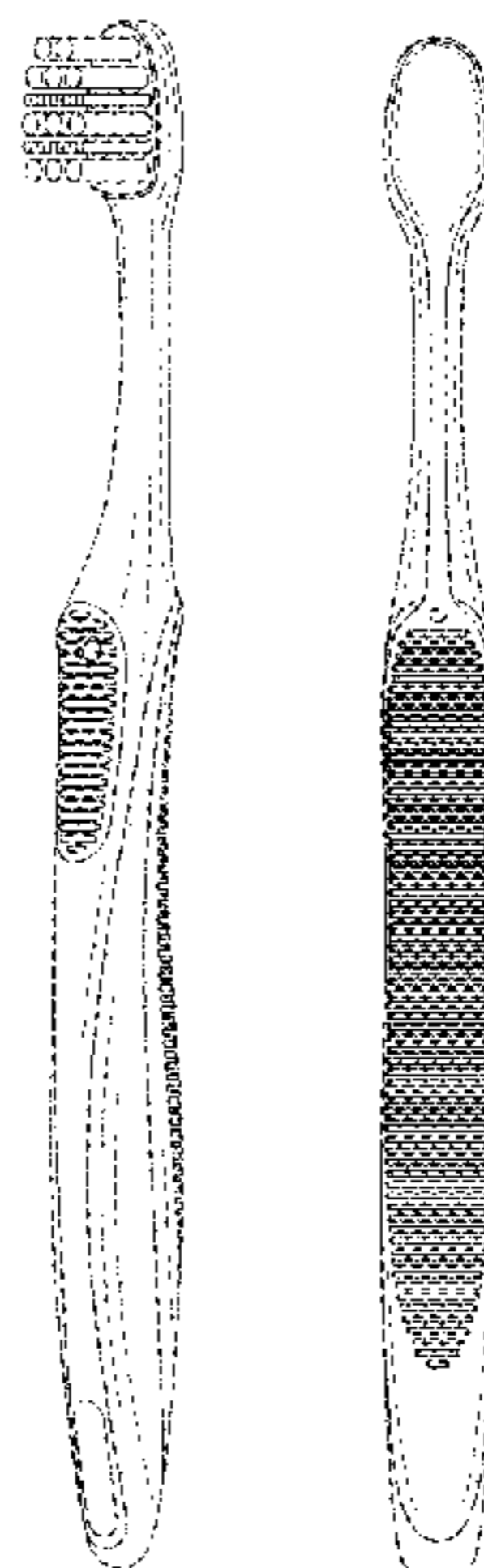
FIG. 1 is a perspective view of a toothbrush; FIG. 2 is a front elevation view thereof; FIG. 3 is a right side elevation view thereof; FIG. 4 is a rear elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,242,743 A 5/1941 McCarthy
D359,623 S * 6/1995 Kinoshita D4/104

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,383,619 B2 * 6/2008 Gross A46B 5/02
15/143.1
D582,682 S * 12/2008 Kling D4/104
D612,613 S * 3/2010 Pusch D4/104
D621,621 S 8/2010 Winkler
D637,401 S * 5/2011 Pusch D4/104
8,006,342 B2 8/2011 Nanda
D646,063 S * 10/2011 Ballmaier D4/104
8,156,602 B2 4/2012 Jimenez et al.
8,239,995 B2 8/2012 Chenvainu et al.
D676,663 S * 2/2013 Ptok D4/104
8,464,388 B2 * 6/2013 Chen A46B 9/04
15/106
D696,518 S 12/2013 Ballmaier et al.
D698,156 S * 1/2014 Kling D4/104
8,840,192 B2 9/2014 Lotscher et al.
D723,282 S 3/2015 Fretwell et al.
D724,324 S 3/2015 Ballmaier et al.
D730,059 S 5/2015 Storkel et al.
D751,295 S 3/2016 Lee et al.
D751,296 S * 3/2016 Xi D4/104
D753,401 S 4/2016 Schmid et al.
D759,977 S 6/2016 Lozoya
D762,391 S * 8/2016 Ballmaier A46B 3/22
D4/104
D764,804 S 8/2016 Lee et al.
D765,983 S 9/2016 Jimenez et al.
D765,986 S 9/2016 Jimenez et al.
9,566,225 B2 2/2017 Sagel et al.
D784,022 S * 4/2017 Bertrand D4/104
9,675,168 B2 * 6/2017 Jungnickel A46B 9/025
D798,062 S * 9/2017 Bauernfeind D4/104
9,833,061 B2 * 12/2017 Kalbfeld A46B 15/00
D819,975 S * 6/2018 Wong D4/110
9,993,066 B2 * 6/2018 Bresselschmidt ... B29C 45/0055
10,021,962 B2 7/2018 Tschol et al.
D833,756 S 11/2018 Hielscher et al.
D833,757 S 11/2018 Hielscher et al.
D834,324 S 11/2018 Hielscher et al.
D834,325 S 11/2018 Hielscher et al.
2005/0053898 A1 3/2005 Ghosh et al.
2006/0037161 A1 * 2/2006 Okada A46B 9/028
15/167.1
2006/0048323 A1 * 3/2006 Rueb A46B 9/04
15/167.1
2007/0131241 A1 6/2007 Nanda
2010/0043162 A1 2/2010 Zimmermann
2010/0115724 A1 5/2010 Huang
2011/0277256 A1 11/2011 Jo

FOREIGN PATENT DOCUMENTS

CN 303687291 6/2016
CN 304648497 5/2018

CN 304648504 5/2018
JP 1497915 * 5/2014
JP 1516192 1/2015
JP D1516192 * 1/2015
KR 3009571370003 5/2018
KR 3009571370004 5/2018
WO D086807-003 11/2015
WO D086807-025 11/2015
WO D086807-033 11/2015
WO D086807-036 11/2015
WO DM086685 11/2015
WO DM086807 11/2015
WO WO-DM/086807 * 11/2015
WO D086900-001 12/2015
WO D086900-002 12/2015
WO D086900-003 12/2015
WO D086900-004 12/2015
WO D086900-005 12/2015
WO D086900-006 12/2015
WO D086900-007 12/2015
WO D086900-008 12/2015
WO D086900-009 12/2015
WO D086900-010 12/2015
WO D086900-011 12/2015
WO WO-D086685-002 * 12/2015
WO WO-D086900-001 * 12/2015
WO WO-D086900-002 * 12/2015
WO WO-D086900-003 * 12/2015
WO WO-D086900-004 * 12/2015
WO WO-D086900-005 * 12/2015
WO WO-D086900-006 * 12/2015
WO WO-D086900-007 * 12/2015
WO WO-D086900-008 * 12/2015
WO WO-D086900-009 * 12/2015
WO WO-D086900-010 * 12/2015
WO WO-D086900-011 * 12/2015
WO WO-DM/086685 * 12/2015
WO WO-DM/084383 * 3/2016
WO WO-DM/083124 * 9/2016
WO DM083124 11/2016
WO DM085680 8/2017
WO WO-DM/085680 * 8/2017

OTHER PUBLICATIONS

U.S. Appl. No. 29/618,550, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,551, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,554, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,555, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,556, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,557, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,559, filed Sep. 21, 2017, Hielscher et al.
U.S. Appl. No. 29/618,563, filed Sep. 21, 2017, Hielscher et al.

* cited by examiner

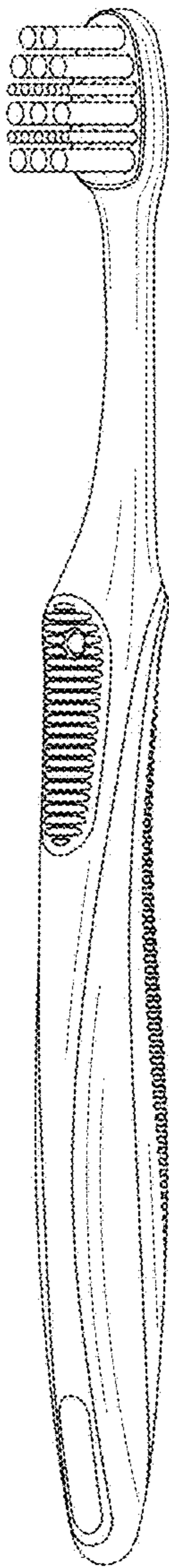


FIG. 1



FIG. 2

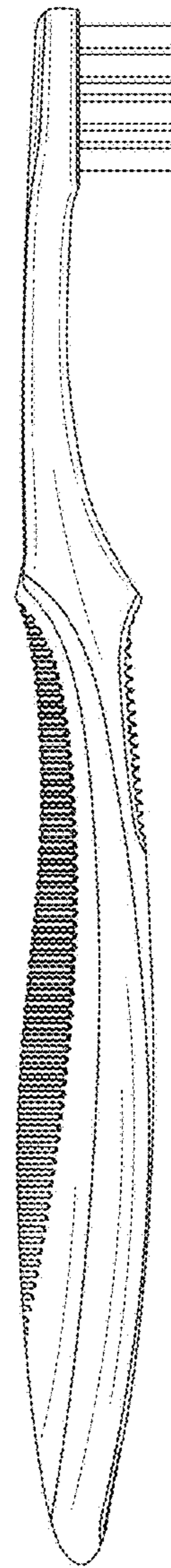


FIG. 3

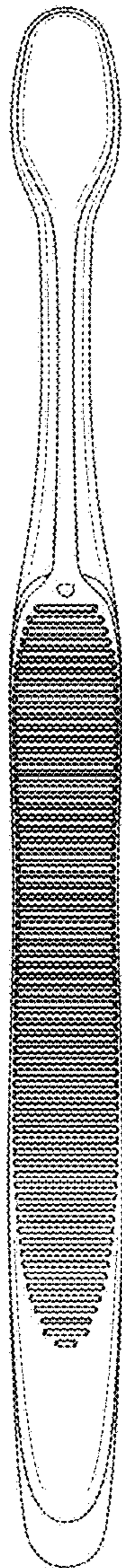


FIG. 4

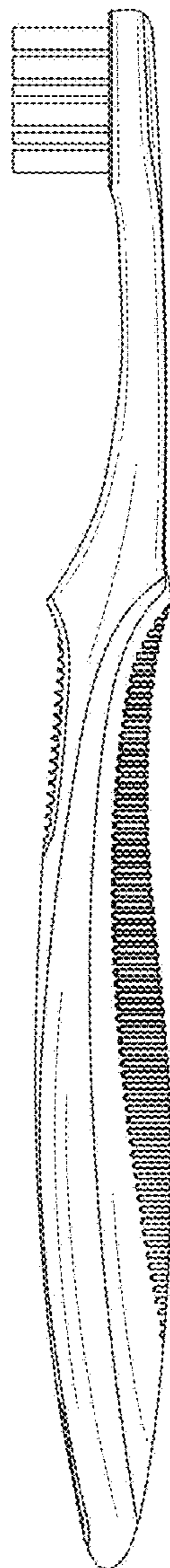


FIG. 5

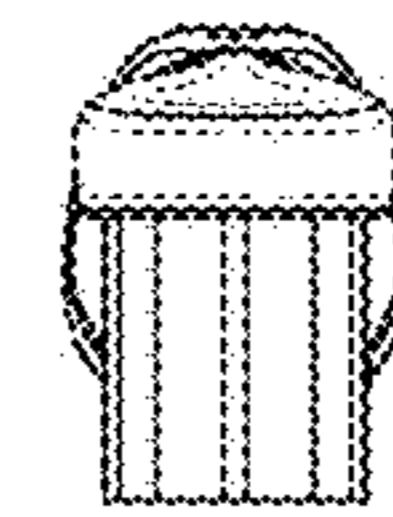


FIG. 6

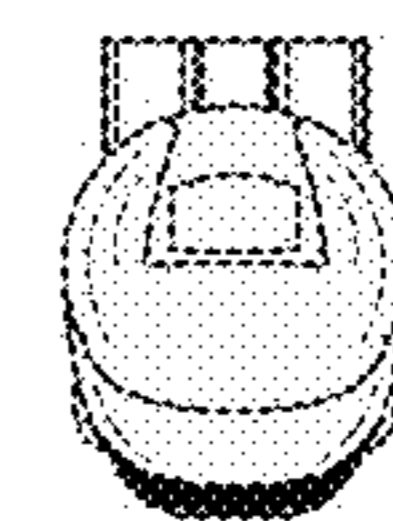


FIG. 7