



US00D772578S

(12) **United States Design Patent** (10) **Patent No.:** **US D772,578 S**
Isaacs et al. (45) **Date of Patent:** **** Nov. 29, 2016**

(54) **DENTAL BRUSH-FLOSSER**
 (71) Applicants: **Zack Isaacs**, Knoxville, TN (US);
Dimitriy Petrov, Tullahoma, TN (US)
 (72) Inventors: **Zack Isaacs**, Knoxville, TN (US);
Dimitriy Petrov, Tullahoma, TN (US)

5,676,167 A 10/1997 Garner
 5,842,490 A 12/1998 Jensen
 D408,534 S 4/1999 Jansheski
 D413,729 S 9/1999 Jansheski, Jr.
 6,004,059 A 12/1999 Zaccaria
 D420,805 S * 2/2000 Bahl D28/68
 6,039,050 A 3/2000 Goldenberg

(Continued)

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

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/538,630**

CA 2785137 2/2015
 GB 2432536 3/2009

(22) Filed: **Sep. 4, 2015**

(Continued)

(51) **LOC (10) Cl.** **04-02**

(52) **U.S. Cl.**
USPC **D4/108**; D28/68

Primary Examiner — Karen E Eldridge Powers
 (74) *Attorney, Agent, or Firm* — Pitts & Lake, P.C.

(58) **Field of Classification Search**
 USPC D4/104, 105, 106, 107, 108, 109, 110,
 D4/111, 112; D28/65, 66, 67, 68; 132/309,
 132/323
 CPC A46B 5/02; A46B 9/04; A61C 15/00
 See application file for complete search history.

(57) **CLAIM**
 The ornamental design for a dental brush-flosser, as shown
 and described.

DESCRIPTION

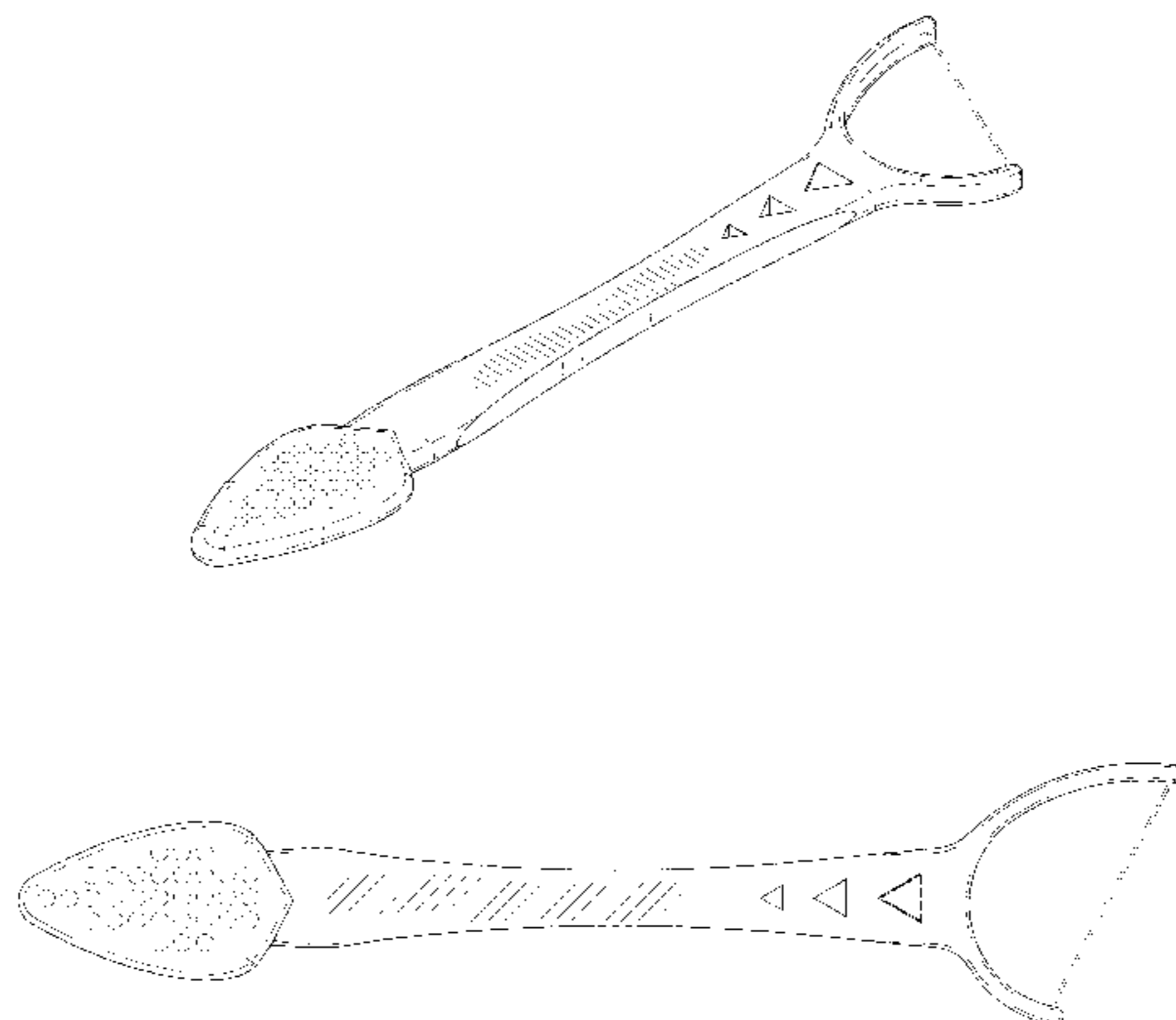
(56) **References Cited**

U.S. PATENT DOCUMENTS

1,512,633 A * 10/1924 Peckham A61C 15/046
 132/325
 1,537,853 A * 5/1925 Mason A46B 15/0071
 132/309
 1,958,505 A * 5/1934 Aki A46B 15/0071
 132/309
 2,113,439 A * 4/1938 Bean A46B 15/0071
 132/309
 D182,534 S * 4/1958 Nowak D28/68
 D191,821 S * 11/1961 Mitchell D28/68
 3,861,406 A * 1/1975 Stitt A61C 15/046
 132/309
 3,939,853 A * 2/1976 Spanondis A61C 15/046
 132/309
 D240,341 S * 6/1976 Najjar D4/108
 D254,762 S * 4/1980 Lundvik D28/68
 D294,201 S * 2/1988 Moore D28/68
 5,137,447 A * 8/1992 Hunter A46B 7/08
 33/513
 5,304,009 A 4/1994 Marshall
 5,331,983 A 7/1994 Father

FIG. 1 is a perspective view of the dental brush-flosser according to an embodiment of the present invention. The straight broken lines illustrating a string of floss between the open-ended prongs of the device on the right-hand side of the figure, and the circular broken lines illustrating placeholders for bristles of a brush on the left-hand side of the figure, illustrate environmental structure, and form no part of the claimed design;
 FIG. 2 is a top plan view of the dental brush-flosser according to an embodiment of the present invention;
 FIG. 3 is a bottom plan view of the dental brush-flosser according to an embodiment of the present invention;
 FIG. 4 is a right side view of the dental brush-flosser according to an embodiment of the present invention;
 FIG. 5 is a left side view of the dental brush-flosser according to an embodiment of the present invention;
 FIG. 6 is front end view of the dental brush-flosser according to an embodiment of the present invention; and,
 FIG. 7 is a rear end view of the dental brush-flosser according to an embodiment of the present invention.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,397,860 B1 6/2002 Hill, II
 D461,894 S 8/2002 Jansheski, Jr.
 D481,829 S * 11/2003 Gwen D28/68
 D521,687 S 5/2006 Jansheski et al.
 D531,757 S 11/2006 Jansheski et al.
 D531,758 S 11/2006 Jansheski et al.
 D531,812 S 11/2006 Jansheski et al.
 D532,160 S 11/2006 Jansheski et al.
 7,182,542 B2 2/2007 Hohlbein
 7,234,473 B1 6/2007 Winters
 7,331,731 B2 2/2008 Hohlbein et al.
 D571,470 S 6/2008 Jansheski
 D575,004 S 8/2008 Jansheski et al.
 D577,462 S 9/2008 Jansheski et al.
 D582,098 S 12/2008 Jansheski et al.
 7,478,959 B2 1/2009 Hohlbein
 D594,985 S 6/2009 Jansheski et al.
 D599,557 S * 9/2009 Crossman D4/108
 D609,405 S 2/2010 Jansheski et al.
 D614,304 S 4/2010 Jansheski
 7,832,404 B2 11/2010 Jansheski
 D628,807 S * 12/2010 Vazquez D4/106
 D640,007 S 6/2011 Jansheski et al.
 D640,833 S * 6/2011 Kang D28/68
 7,954,496 B2 6/2011 Jansheski et al.
 7,971,591 B2 7/2011 Jansheski
 7,997,287 B2 8/2011 Jansheski et al.
 8,015,982 B2 9/2011 Wilkinson
 8,141,563 B2 3/2012 De Masi, Sr.
 D666,006 S * 8/2012 Zarrabi D28/68
 8,240,937 B2 8/2012 Sorrentino et al.
 8,449,211 B2 5/2013 Hohlbein
 D691,377 S * 10/2013 Zarrabi D28/68
 8,544,481 B1 10/2013 Smith et al.
 8,714,165 B2 5/2014 Thomas
 8,764,332 B2 7/2014 Hohlbein
 D723,809 S * 3/2015 Song D4/108
 8,997,761 B1 4/2015 Mitchell
 9,049,921 B1 6/2015 Rackston

2003/0037389 A1 2/2003 Kuhr
 2005/0211262 A1 9/2005 Raab
 2006/0058821 A1 3/2006 Jansheski
 2006/0169299 A1 8/2006 Jansheski et al.
 2008/0041412 A1 2/2008 Jansheski et al.
 2008/0044788 A1 2/2008 Jansheski et al.
 2008/0060153 A1 3/2008 Jansheski
 2008/0060154 A1 3/2008 Jansheski
 2008/0063997 A1 3/2008 Jansheski
 2008/0257378 A1 10/2008 Jansheski
 2008/0283422 A1 11/2008 Jansheski
 2009/0095319 A1 4/2009 Jansheski et al.
 2009/0188519 A1 7/2009 VanBuskirk et al.
 2011/0067710 A1 3/2011 Jansheski et al.
 2011/0067711 A1 3/2011 Jansheski et al.
 2011/0247635 A1 10/2011 Jansheski
 2012/0042896 A1 * 2/2012 Martin A46B 9/04
 132/309
 2012/0204898 A1 * 8/2012 Haley A46B 11/0003
 132/309
 2013/0220363 A1 * 8/2013 Zarrabi A46B 15/0055
 132/309
 2014/0007899 A1 1/2014 Berry et al.
 2014/0360526 A1 * 12/2014 Rusznak A46B 15/0071
 132/309
 2015/0366335 A1 * 12/2015 Rusznak A61C 15/046
 132/309
 2016/0015165 A1 * 1/2016 Oechslin A46B 15/0069
 132/309
 2016/0157973 A1 * 6/2016 Greco A61C 15/048
 132/309

FOREIGN PATENT DOCUMENTS

GB 2444588 3/2009
 GB 2467618 8/2010
 GB 2473951 3/2011
 IN 5835/DELNP/2014 5/2015
 WO WO2006/031832 3/2006
 WO WO2007/117254 10/2007
 WO WO2008/030677 3/2008

* cited by examiner

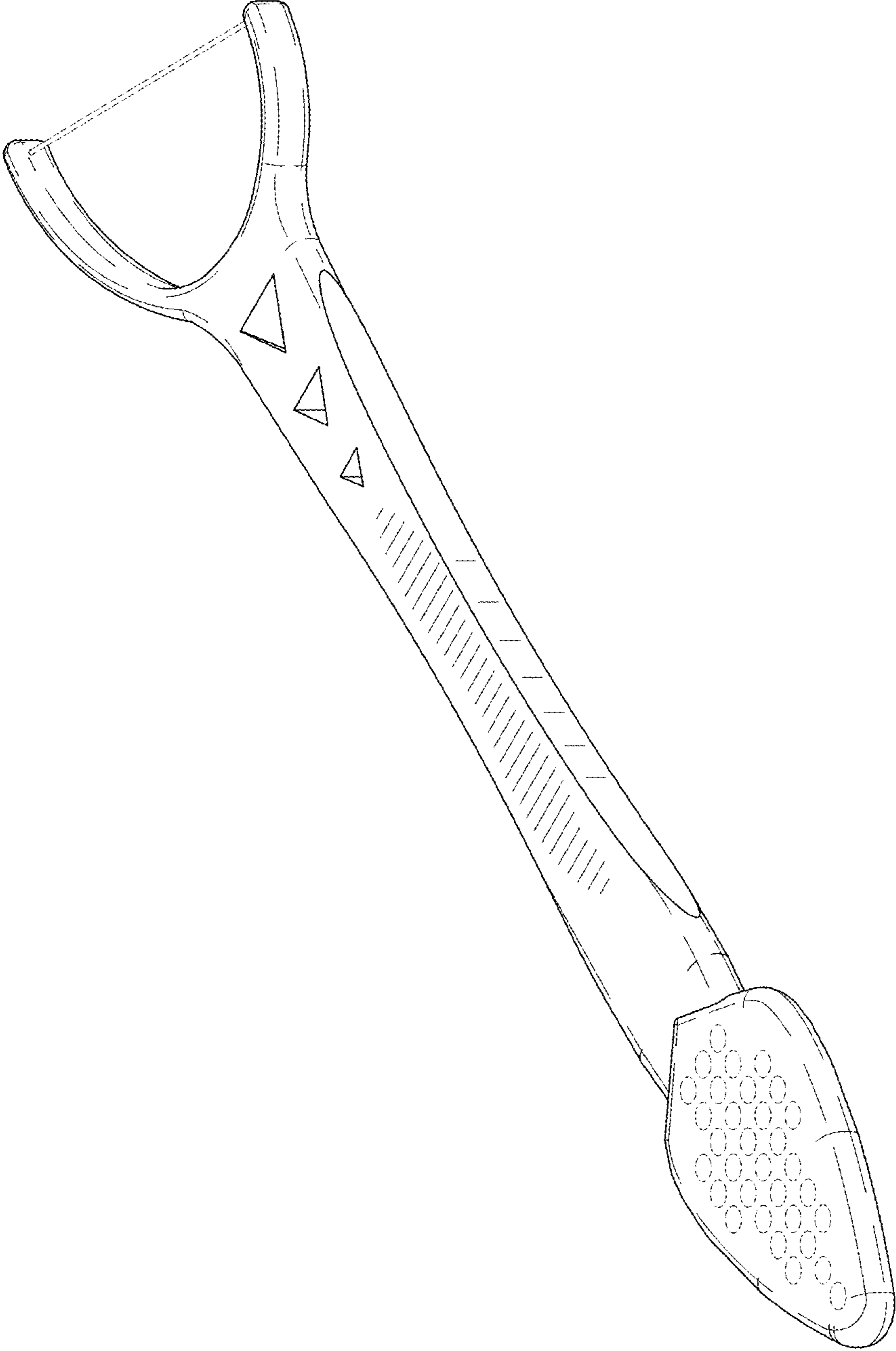


Fig. 1

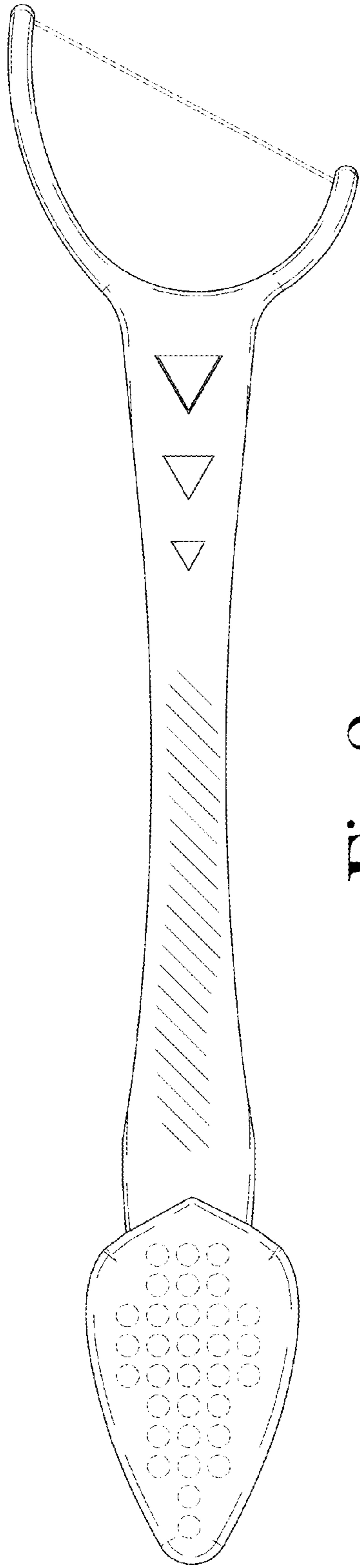


Fig. 2

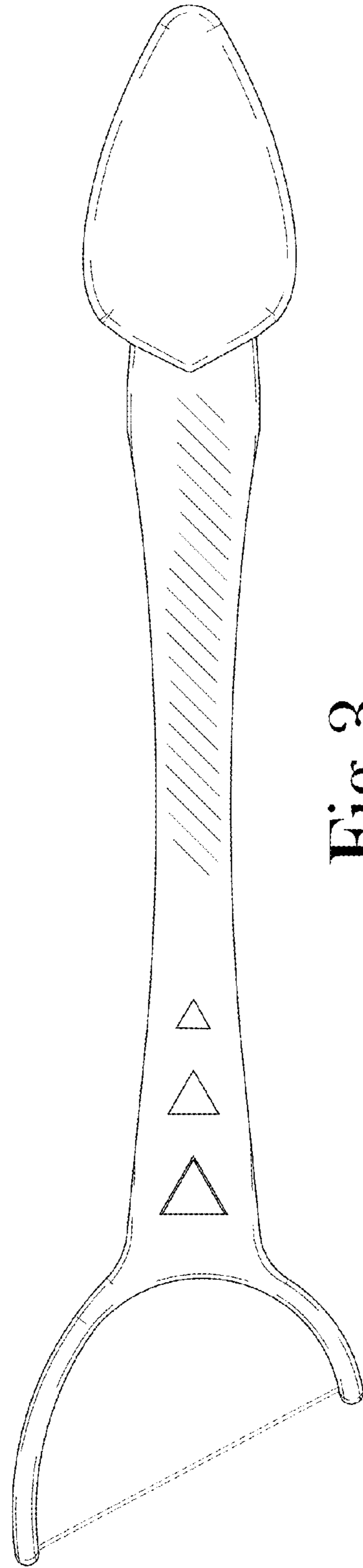


Fig. 3

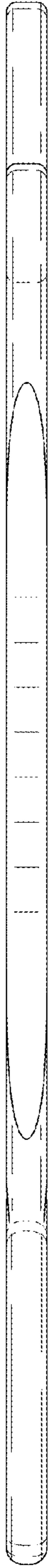


Fig. 4



Fig. 5



Fig. 6

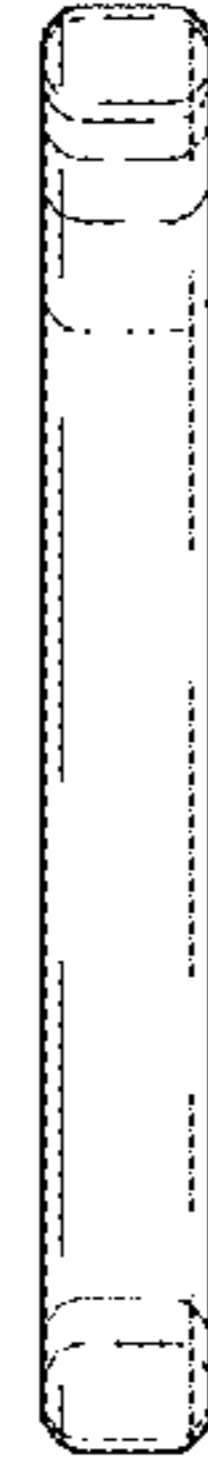


Fig. 7