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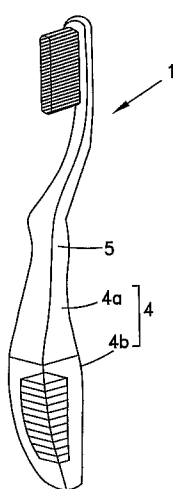


Fig. 3A

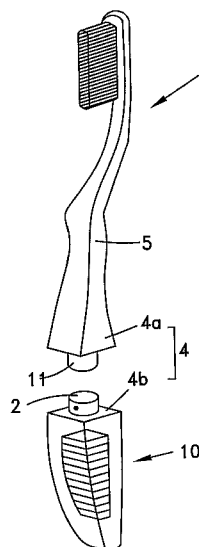


Fig. 3B

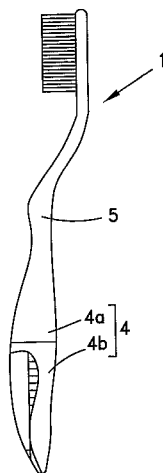


Fig. 3C

(57) Abstract: A microbe detecting and/or treating toothbrush that includes a handle that comprises a head portion, a neck portion and a grasping portion, an upper surface and a lower surface; a plurality of bristles, positioned on and attached to the upper surface of the head portion of the handle and a dental hygiene device being parts of the handle, which comprises a dispensing aperture from which an effective amount of a disclosing and/or treating agent is dispensed and a dispensing mechanism comprising an actuator, which upon actuation, enables the dispensing aperture to provide an effective amount of a disclosing and/or treating agent, wherein the dispensing aperture and the dispensing mechanism of the dental hygiene devices are situated in the neck portion or the grasping portion of the handle.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL 09/00027

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A46B 11/02 (2009.01)

USPC - 15/167.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8): A46B 11/02 (2009.01)

USPC: 15/167.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

IPC(8): A46B 11/00, 11/02, 13/04; A61C 17/00 (2009.01) (text search)

USPC: 15/167.1; 401/268, 271, 23, 24; 433/80, 29, 31, 89, 141, 142 (text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(USPT,PGPB,EPAB,JPAB); Internet search via Google Web and Google Scholar search engines. Search Terms Used: toothbrush brush oral handle neck head bristle mouthwash paste cavity rinse antiseptic plaque bacteria antiseptic antibacterial chamber reserve cavity dispensing aperture port nozzle floss tape pick toothpick

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,893,378 A (Llerena) 13 April 1999 (13.03.1999) col. 1 ln. 12 to col. 3 ln. 39, Fig. 1-3	1-11 and 13-17
Y		12
Y	US 2007/0111167 A1 (Russell et al.) 17 May 2007 (17.05.2007) para. [0016] through [0040], Fig. 1-7	12
A	US 4,530,369 A (Adams) 23 July 1985 (23.07.1985) entire document	1-17
A	US 6,533,485 B1 (Bland) 18 March 2003 (18.03.2003) entire document	1-17



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