(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 November 2004 (25.11.2004)

PCT

(10) International Publication Number
WO 2004/100819 A3

(51) International Patent Classification[7]: A61B 19/02, B65D 83/10, 43/14, 17/50, 43/04, 43/26

(21) International Application Number: PCT/US2004/014165

(22) International Filing Date: 7 May 2004 (07.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/468,831 7 May 2003 (07.05.2003) US
10/841,980 6 May 2004 (06.05.2004) US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

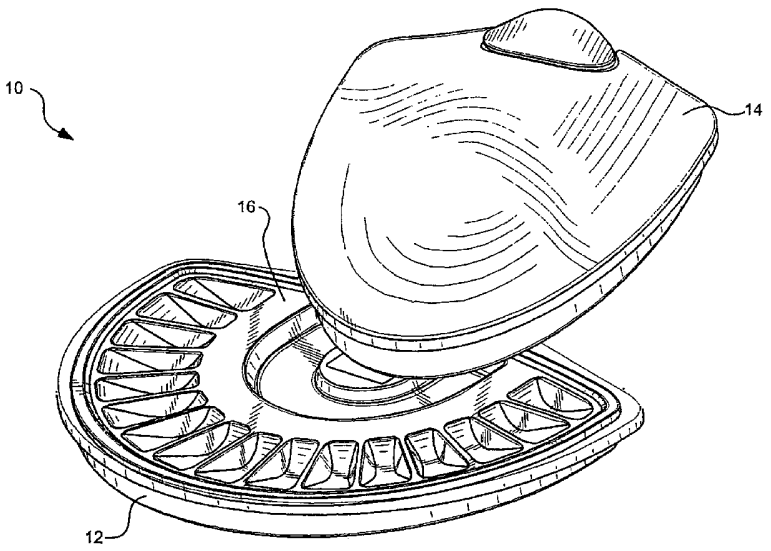
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report: 15 September 2005

[Continued on next page]

(54) Title: DENTAL TRAY ASSEMBLY



(57) Abstract: A dental tray assembly (10) for storage of oral prosthetics includes a base (12) and a cover (14), associated with the base and being configured to be alternately positioned relative to the base in a first, closed position, and a second, open position. A biasing element (18) interconnects the base and the cover to provide a biasing force between the cover and the base, the biasing force varying with position of the cover relative to the base to provide an attractive force between the cover and the base when the cover is in the first, closed position, and a repellant force between the cover and the base when the cover is in the second, open position. A storage tray (16) is nestable within the base, the storage tray including at least two compartments (32), each compartment bein configured to receive and store an oral prosthetic therein.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/14165

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : A61B 19/02; B65D 83/10, 43/14, 17/50, 43/04, 43/26
US CL : 206/63.5, 83, 37, 38, 368; 220/817, 818, 260, 262, 264, 282, 500, 528, 281, 811
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)
U.S. : 206/63.5, 83, 37, 38, 368; 220/817, 818, 260, 262, 264, 282, 500, 528, 281, 811

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,139,188 A (SCHARF) 18 August 1992, see entire document.	1-10, 16-26
Y	US 4,694,956 A (SIMS) 22 September 1987, see entire document.	1-10, 16-26
Y	US 5,377,823 A (STEEN ET AL.) 03 January 1995, see entire document.	6, 7
Y, E	US 6,776,166 B1 (MILLS-LINDSAY ET AL.) 17 August 2004, see entire document.	9, 20-26

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Date of the actual completion of the international search
11 July 2005 (11.07.2005)

Date of mailing of the international search report
29 JUL 2005

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Form PCT/ISA/210 (second sheet) (January 2004)