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(71) Applicant and

(72) Inventor: **AMINOV, Baruch** [IL/IL]; 18 Ami Street,
76632 Rehovot (IL).

(74) Agents: **LUZZATTO, Kfir** et al.; Luzzatto & Luzzatto,
P.O. Box 5352, 84152 Beer-Sheva (IL).

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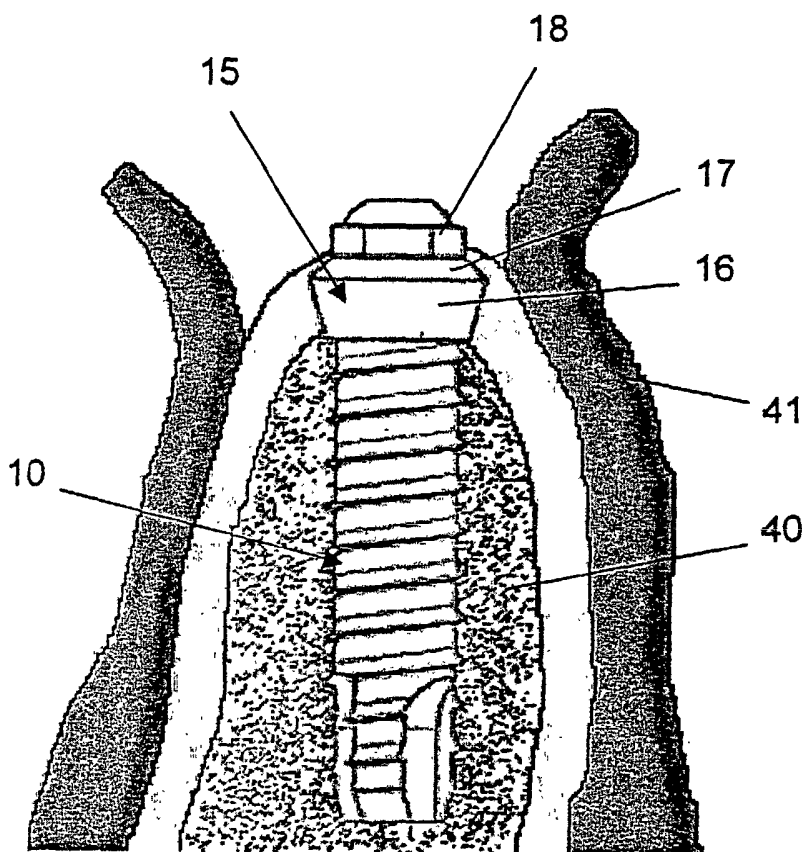
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(54) Title: APPARATUS FOR PERFORMING DENTAL IMPLANTS



(57) Abstract: A dental implant device and method, that provides for a simplified protocol and reduced patient pain. The device comprises a body (10) and an abutment (15) that constitute a single piece, the body (10) having an external screw thread (12) and a self-tapping distal end (11) and the abutment (15) having an internally threaded, axial cavity (13) and a proximate portion (18) that is shaped for turning to screw the device into the bone (40). A handle (44) is further provided for engaging and rotating the abutment (15). In performing the implantation, the device is screwed into the bone (40) until only the abutment (15) protrudes, and then the prosthesis (53) may be applied. Analogs (56) are also provided to facilitate production of the prosthesis (53).



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00653

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61C 8/00

US CL : 433/173

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. : 433/173, 174

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,533,898 A (MENA) 09 July 1996 (09.07.1996), see entire document.	1-4 ----- 5-15
X --- Y	US 5,538,428 A (STAUBLI) 23 July 1996 (23.07.1996), see entire document.	14, 15 ----- 5-13
Y	US 5,904,483 A (WADE) 18 May 1999 (18.05.1999), see entire document.	11-13
X --- Y	US 5,967,783 A (URA) 19 October 1999 (19.10.1999), see entire document.	1-4 ----- 5-15

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Ralph Lewis

Telephone No. (703) 308-0770