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(54) Title: SURGICAL FASTENERS AND RELATED IMPLANT DEVICES HAVING BIOABSORBABLE COMPONENTS

FIG. 1A

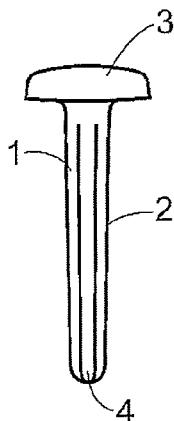


FIG. 1B

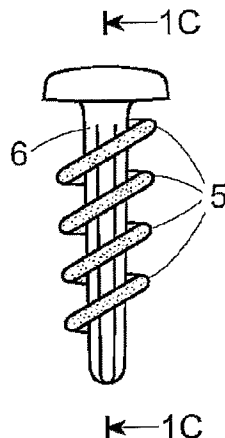
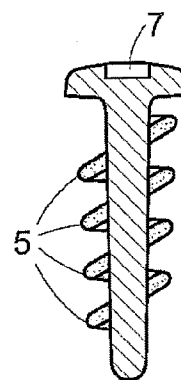


FIG. 1C



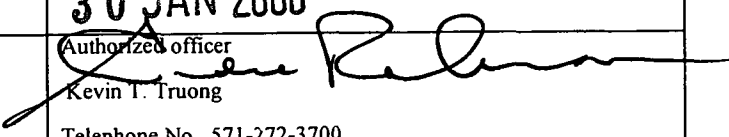
(57) Abstract: Surgical implants including fasteners and related devices which are partially bioabsorbable. The implants are constructed of a non-bioabsorbable base comprising metals and or high strength plastic materials. The base is partially or completely coated with a bioabsorbable material which can have its own mechanical features, such as the threads on a screw. Attachment elements are provided on the base to enhance the mechanical attachment of the bioabsorbable material to the base. The implants can withstand the torques and stresses encountered during surgery and, following implantation, in the body.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC: A61B 17/70(2006.01) USPC: 606/61,73 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. : 606/61,73 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	US 6,030,162 A (HUEBNER) 29 February 2000, figures 1-22.	1-31
☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.		
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Date of the actual completion of the international search 28 December 2007 (28.12.2007)		Date of mailing of the international search report 30 JAN 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer  Kevin T. Truong Telephone No. 571-272-3700