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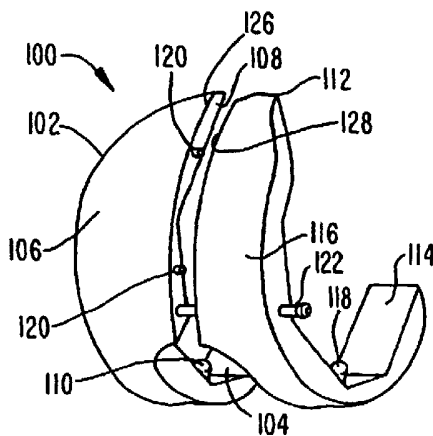
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12 August 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MODULAR FEMORAL COMPONENT FOR A TOTAL KNEE JOINT REPLACEMENT FOR MINIMALLY INVASIVE IMPLANTATION



(57) Abstract: A femoral component (100) for a total knee joint replacement has a modular structure including a number of segments (102, 112), each of the segments (102, 112) having a femoral fixation surface (104, 114) for attachment to the distal end of a femur and at least one assembly surface (108) for joining with an adjacent segment (102, 112) of the modular femoral component (100). The assembly surfaces (108) are generally planar and arranged to be oriented generally in a plane extending in a proximal-distal direction and in an anterior-posterior direction when the femoral fixation surface (104, 114) is positioned on the distal end of the femur. Although the assembly surfaces (108) are generally planar, they may be shaped or provided with complementary structures (120) to assure self-alignment when the segments (102, 112) are assembled.

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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US03/33641

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61F 02/38  
 US CL : 623/20.35

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. : 623/20.35, 20.36, 20.14, 20.15, 20.19, 20.2, 22.42, 20.11, 18.11

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)  
 Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,E --- Y	US 2003/0220697 A1 (JUSTIN et al) 27 November 2003 (27.11.2003), figures 9-16, paragraphs 0008, 0009, 0029-0031, 0080-0085, and 0090.	1-7 ----- 6 and 7
X,E	US 2003/0158606 A1 (COON et al) 21 August 2003 (21.08.2003), entire document.	1-3 and 5-7
X --- Y	US 6,168,629 B1 (TIMOTEO) 02 January 2001 (02.01.2001), entire document.	1-5 ----- 6 and 7
X,P	US 2002/0138150 A1 (LECLERCQ) 26 September 2002 (26.09.2002), entire document.	1-3 and 5

Further documents are listed in the continuation of Box C.

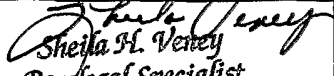
See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search  
 14 May 2004 (14.05.2004)

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**INTERNATIONAL SEARCH REPORT**

PCT/US03/33641

**Continuation of B. FIELDS SEARCHED Item 3:**

EAST

search terms: (elbow or knee or femur) and (joint same (modular or ((module or segment) with (connect or connected or connecting or assemble or assembled or assembling))))