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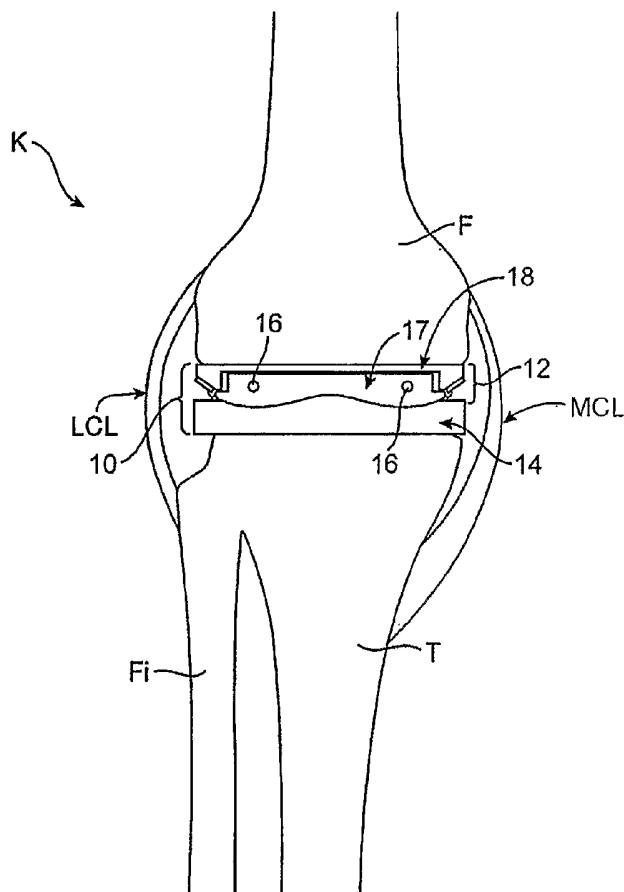
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[Continued on next page]

(54) Title: DYNAMIC KNEE BALANCER WITH PRESSURE SENSING



(57) Abstract: A device for performing a surgical procedure on a knee includes an adjustable femoral portion, a tibial portion and at least one sensor coupled with the femoral and/or tibial portions to sense pressure exerted by the femoral and tibial portions against one another. The femoral portion is adapted for removably coupling with a distal end of a femur to adjust tension in soft tissue adjacent the knee and has at least one positioning feature adapted to move relative to the distal end of the femur as the femoral portion is adjusted, thus helping position a femoral prosthetic on the distal end of the femur. The sensor(s) may be adapted to sense pressure at medial and lateral sides of the knee, and relative pressures may be displayed as data on a visual display. Adjustments to the femoral member may be made to balance pressure at flexion and extension of the knee.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61B 17/58(2006.01)

USPC: 606/88

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. : 606/88

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 2004/0019382 A1 (AMIROUCHE et al) 29 January 2004 (29.01.2004), see whole document.	1-77
A	US 5,470,354 (HERSHBERGER et al) 28 November 1995 (28.11.1995), see whole document.	1-77



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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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