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[Continued on next page]

(54) Title: A KNEE SYSTEM AND METHOD OF MAKING SAME

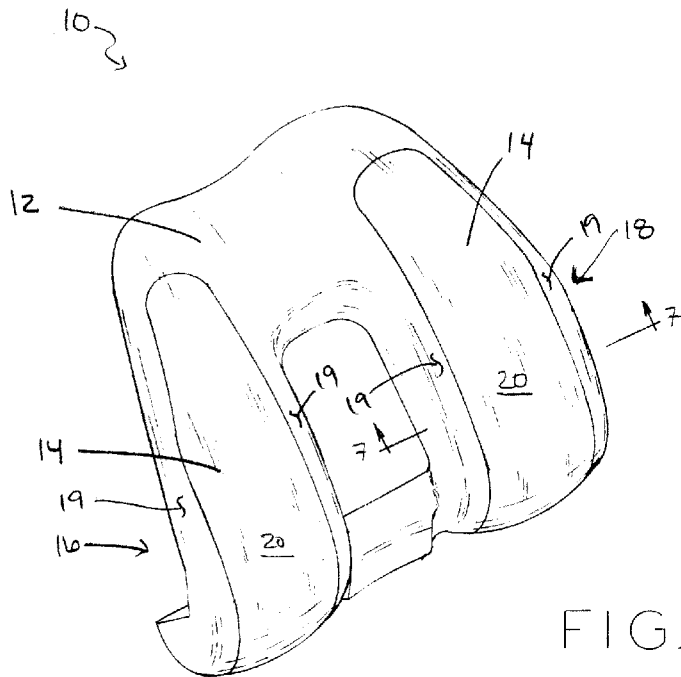


FIG. 1

(57) Abstract: A femoral prosthesis (10) may be formed as a femoral component (10) incorporating a base material (12) and an articulating material (14). In one exemplary embodiment, the base material is a metal and the articulating material is a polymer. Specifically, the base material provides strength and rigidity to the femoral component, while the articulating material contacts a tibial prosthesis (40) or natural tibia during joint articulation. In one exemplary embodiment, the articulating material forms the articulating surface (20) of one or more condyle portions (16, 18) of the femoral component.

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- *with international search report (Art. 21(3))*
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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2009/030956

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61F2/38

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)

A61F

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 171 282 A (PEQUIGNOT MICHEL [FR]) 15 December 1992 (1992-12-15) figures 2-4 column 4, lines 1-66 -----	1-9
X	US 2002/187251 A1 (BADORF DIRK [DE] ET AL) 12 December 2002 (2002-12-12) figures 1a-1c, 2, 3, 4a, 4b, 5 paragraphs [0020] - [0023], [0025] -----	1-9
X	US 2003/208280 A1 (TOHIDI BEHROOZ [US]) 6 November 2003 (2003-11-06) figures 4-6 paragraphs [0038], [0057], [0058], [0060] - [0063] ----- -/--	1-9



Further documents are listed in the continuation of Box C.



See patent family annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	EP 1 992 309 A (ZIMMER INC [US]) 19 November 2008 (2008-11-19) figures 2,3,2a paragraphs [0024], [0025], [0028] - [0035] -----	1-9

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/030956

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see additional sheet(s)

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9

A knee prosthesis comprising: a femoral component formed from a non-polymeric base material and a polymer articulating material inserted in a groove on a condyle portion of the base material

2. claims: 10-17

A tibial prosthesis comprising: a tibial component having a polymeric body and at least one non-polymeric articulating portions received within said polymeric body.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2009/030956

Patent document cited in search report	A	Publication date	Patent family member(s)	Publication date
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