



US 20030225457A1

(19) **United States**

(12) **Patent Application Publication**

Justin et al.

(10) **Pub. No.: US 2003/0225457 A1**

(43) **Pub. Date: Dec. 4, 2003**

(54) **FEMORAL COMPONENTS FOR KNEE ARTHROPLASTY**

Publication Classification

(76) Inventors: **Daniel F. Justin**, Logan, UT (US); **E. Marlowe Goble**, Alta, WY (US)

(51) **Int. Cl.⁷** A61F 2/38

(52) **U.S. Cl.** 623/20.14; 623/20.15

Correspondence Address:

David B. Dellenbach
WORKMAN NYDEGGER & SEELEY
P.O. BOX 45862
SALT LAKE CITY, UT 84145 (US)

(57) **ABSTRACT**

A femoral knee prosthesis system for resurfacing a resected articular surface at the distal end of a femur includes a femoral component adapted to mate with the resected articular surface; and an attachment member. The interior surface of the femoral component is configured to connect to the first attachment member when the femoral component is mated on the resected articular surface of the femur and when the first attachment member is passed through the medial side or the lateral side of the resected articular surface. The femoral component is available in one-piece and two-piece systems. Mating femoral components (e.g., tapered or with lips that interlock with grooves) are also disclosed.

(21) Appl. No.: **10/444,927**

(22) Filed: **May 23, 2003**

Related U.S. Application Data

(60) Provisional application No. 60/383,348, filed on May 24, 2002.

