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United States Patent [19]

Insall et al.

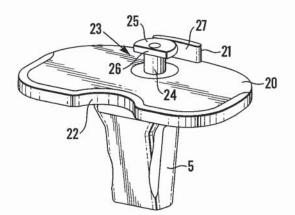
[56]

[11] Patent Number: 6,068,658 [45] Date of Patent: May 30, 2000

[54]	PROSTH	ESIS FOR KNEE REPLACEMENT	5,928,28
			5,935,17
[75]	Inventors:	John Nevil Insall, New York, N.Y.; Peter Stanley Walker, Middlesex,	F
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		United Kingdom	WO 96/2512
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[21]	Appl. No.: 09/037,051 Mathis LL		
[22]	Filed:	Mar. 9, 1998	[57]
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Mar.	13, 1997 [GB] United Kingdom 9705161	least one sul (10,11), a til
[51]	Int. Cl.7	A61K 2/33	(20), and a p
[52]	U.S. Cl		the condylar
			(6) and bein

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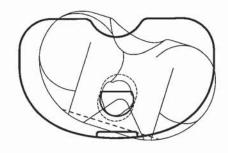
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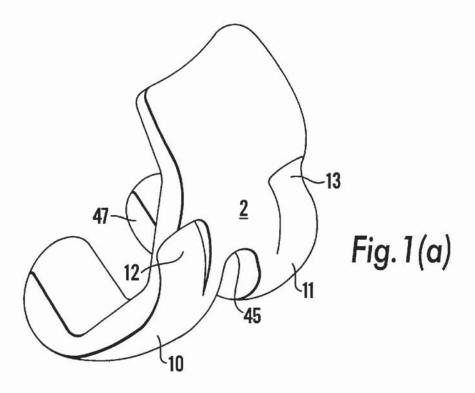
Primary Examiner—Paul J. Hirsch Attorney, Agent, or Firm—Burns, Doane, Swecker & Mathis LLP

[57] ABSTRACT

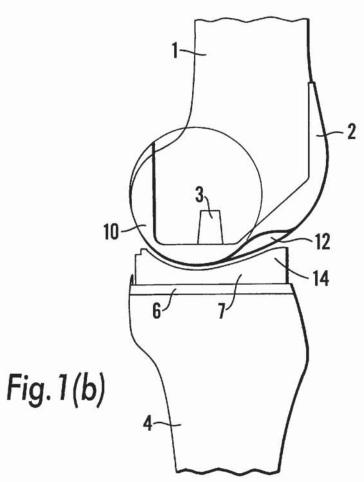
sis comprises a femoral component (2) having at ubstantially spheroidal condylar bearing surface ibial component (6) including a tibial platform plastics meniscal component (7) located between r bearing surface (10,11) an the tibial component (6) and being slidable on the platform (20). The meniscal component (7) is retained on a guide (23) upstanding from the platform (20). The guide (23) includes a post (24) and a cap (25) which is a snap-fit in a recess (30) in the meniscal component (7). The guide (23) is slidable in a track (32) within the meniscal component (7) so that movement of the meniscal component (7) in the anterior/posterior direction (A-P) is limited by impingement of the meniscal component (7) on the post (24) and/or on a rail member (21) projecting from the surface of the tibial platform (20). To install the prosthesis, a femur (1) is resected to provide a base for receiving the femoral component (2), which is retained in the resected femur by pins (3). The tibia (4) is resected to provide a flat base into which the tibial component (6) is fixed by a stem (5).

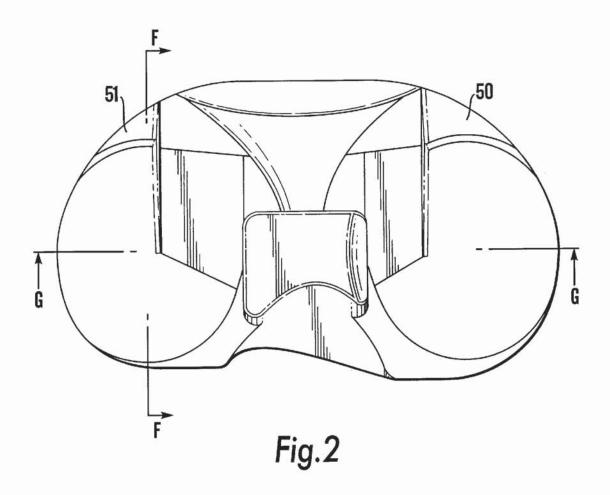
9 Claims, 5 Drawing Sheets





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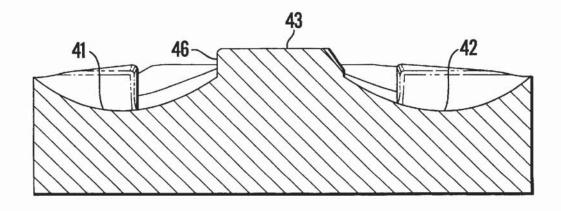
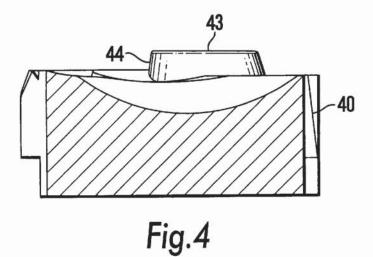


Fig.3



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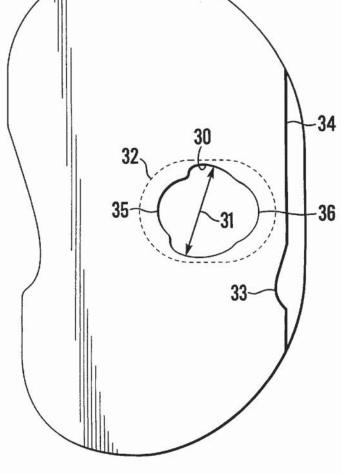
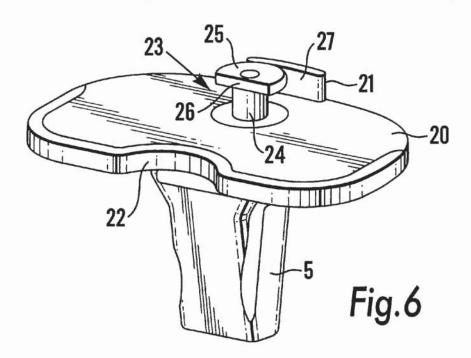
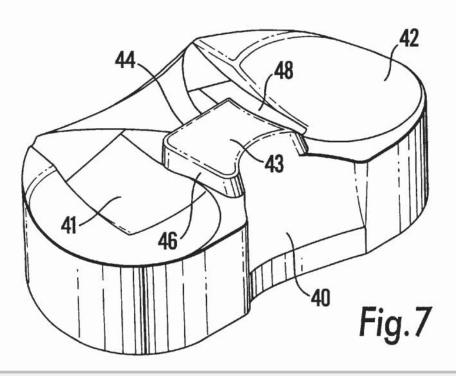


Fig.5



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