



- (51) International Patent Classification:
A61F 2/38 (2006.01)
- (21) International Application Number:
PCT/IN2013/000490
- (22) International Filing Date:
12 August 2013 (12.08.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
3332/MUM/2012 21 November 2012 (21.11.2012) IN
- (72) Inventor; and
(71) Applicant : **MEHTA, Krishnachandra, Chandrashanker** [IN/IN]; Chandramansh, 39, Pushpak Bunglows, Opp. Ambali Village, Behind Swagat Plaza Complex ISKCON Ambali Road, Ahmedabad 380058 (IN).
- (74) Agent: **GANGULLI, Prabuddha**; 101-201, Sunview Height, 262 Sher-e-Punjab, Andheri East, Mumbai 400 093 (IN).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,

BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

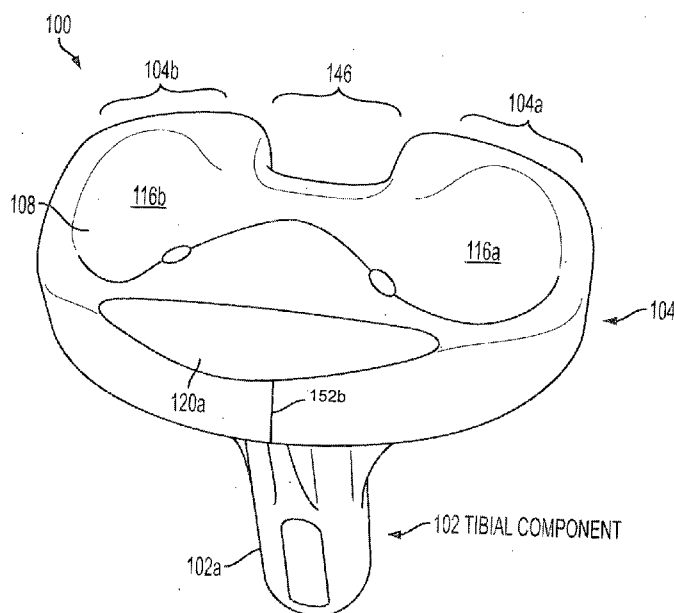
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

- (54) Title: KNEE REPLACEMENT PROSTHETIC



(57) Abstract: A knee replacement system comprising a prosthetic includes a tibial portion at least partially implantable on a resected surface of a tibia; a plate portion attached to the tibial portion and at least partially implantable in a meniscal space; the plate portion comprises a top surface having a medial recess and a lateral recess and a bottom surface attached to a top surface of the tibial portion; wherein a medial side surface, a lateral side surface, a posterior side surface and an anterior side surface are attached to at least a portion of the top surface and at least a portion of the bottom surface and defining a medial side edge, a lateral side edge, a posterior side edge and an anterior side edge respectively, wherein at least a portion of one of the medial side edge, lateral side edge, posterior side edge, and anterior side edge is oblique.



— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*