

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 February 2001 (01.02.2001)

PCT

(10) International Publication Number
WO 01/06933 A2

(51) International Patent Classification⁷: A61B 17/00-

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(21) International Application Number: PCT/US00/20293

(22) International Filing Date: 26 July 2000 (26.07.2000)

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(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/360,584 26 July 1999 (26.07.1999) US
09/484,641 18 January 2000 (18.01.2000) US

(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

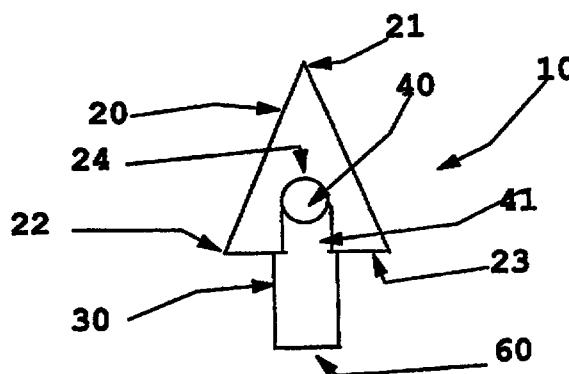
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Published:

— Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SUTURE SPEAR



(57) Abstract: A substantially cylindrical or wedge-shaped cortical bone implant wherein one end of the cylinder or wedge tapers to a sharp point and which comprises one or more through-channel(s) for receipt of suture(s), is disclosed for fixation of tissues to bone or other tissues of sufficient strength to provide solid fixation of tissue to which the implant is affixed. The implant optionally has a circumferential, longitudinal or angled barbs to enhance structural and retention characteristics of the implant. Certain embodiments of the invention include portions of the implant in a partially or fully demineralized state, such that added flexibility is imparted to the demineralized or partially demineralized segment. Additionally, embodiments of this invention optionally include threaded portions, fluted portions or slotted portions, depending on the desired implantation means and retention characteristics. The implant is optimally configured for a single step impaction implantation, although other forms of implantation are also contemplated.

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