

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 December 2010 (29.12.2010)

PCT

(10) International Publication Number
WO 2010/151795 A2

(51) International Patent Classification:
A61B 17/88 (2006.01)

(21) International Application Number:
PCT/US2010/040032

(22) International Filing Date:
25 June 2010 (25.06.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/220,828 26 June 2009 (26.06.2009) US

(71) Applicant (for all designated States except US): **SAFE WIRE HOLDING, LLC** [US/US]; 2621 West Abiaca Circle, Davie, FL 33328 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GEIST, Wyatt, Drake** [US/US]; 2621 West Abiaca Circle, Davie, FL 33328 (US). **GEIST, Arden, Allen**; 2600 North Reverse Drive, Indiatlantic, FL 32903 (US).

(74) Agents: **CUCHLINSKI, William, A.** et al.; McHale & Slavin, P.A., 2855 PGA Boulevard, Palm Beach Gardens, FL 33410 (US).

(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, 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, KM, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: K-WIRE AND METHOD FOR SURGICAL PROCEDURES

(57) Abstract: A surgical guide wire or K-wire and method of use are provided. The K-wire or guide wire has opposite end portions and a shank portion in between. One end portion has a deformable end portion that, once outside of a confining guide passage, can be deformed to present a projected forward facing area that is larger than the transverse cross section of the K-wire or guide wire while in the passage. The increased area will provide increased resistance to additional forward axial movement into the surgical site.



WO 2010/151795 A2