



(51) International Patent Classification:

E21B 43/08 (2006.01) *E21B 37/08* (2006.01)
E21B 43/10 (2006.01)

(21) International Application Number:

PCT/US2013/026817

(22) International Filing Date:

20 February 2013 (20.02.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant: **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).

(72) Inventor: **VEIT, Jan**; 2601 Beltline Road, Carrollton, TX 75006 (US).

(74) Agent: **SMITH, Marlin, R.**; Smith Ip Services, P.C., P.O. Box 997, Rockwall, TX 75087 (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, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, ML, MR, NE, SN, TD, TG).

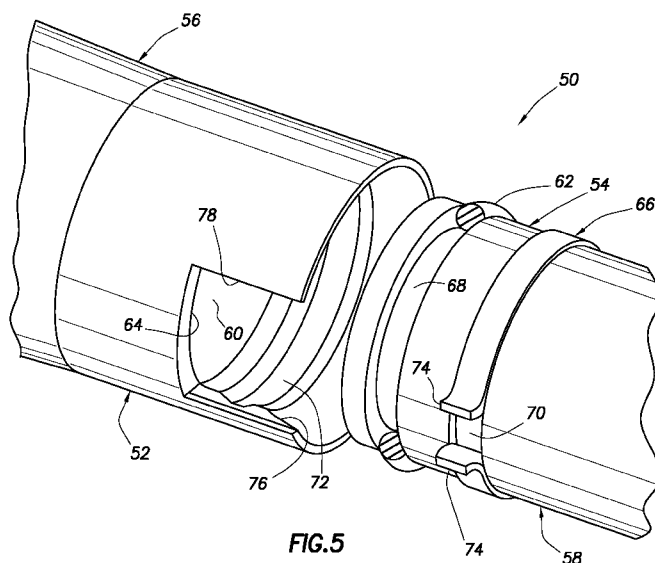
Declarations under Rule 4.17:

— of inventorship (*Rule 4.17(iv)*)

Published:

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

(54) Title: SECURING CONNECTIONS IN ALTERNATE PATH WELL SCREENS



(57) Abstract: A method of securing connections in well screens can include engaging a resilient ring with recesses formed in respective well screen connectors, the ring including projections extending from respective opposite ends of the ring, and disengaging the resilient ring from one of the recesses by relative displacement between the projections. A well screen connection can include well screen connectors, and a resilient ring received in annular recesses formed in the respective well screen connectors, projections extend from opposite ends of the ring and are received in an opening formed through a wall of one of the connectors, and the projections received in the opening prevent rotation of the ring relative to that connector.