



- (51) International Patent Classification:
E01D 19/16 (2006.01) *F16G 11/06* (2006.01)
F16G 11/03 (2006.01)
- (21) International Application Number:
PCT/US2015/027169
- (22) International Filing Date:
22 April 2015 (22.04.2015)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/982,825 22 April 2014 (22.04.2014) US
14/693,811 22 April 2015 (22.04.2015) US
- (72) Inventor; and
- (71) Applicant: CAMPBELL, Richard, V. [US/US]; 25 Garrett Drive, Havana, FL 32333 (US).
- (74) Agent: HORTON, J., Wiley; 215 South Monroe Street, Suite 200, Tallahassee, FL 32301 (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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,

[Continued on next page]

(54) Title: ADVANCED STRANDED CABLE TERMINATION METHODS AND DESIGN

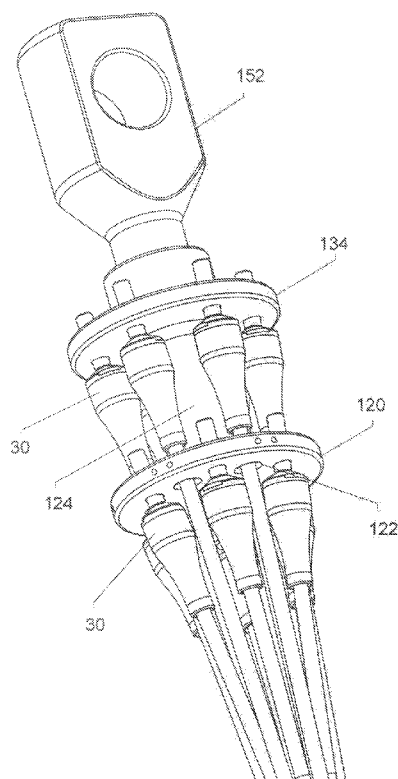


FIG. 15

(57) Abstract: Advanced components that are useful in providing a compact overall cable termination for a multi-stranded cable and in providing for the control and inspection of the individual components of a multi-stranded cable. Multiple individual cable strands are provided with a termination on their free end. These terminations are connected to a collector. An advanced collar is provided that assists in the transition of the strands as they leave the collector and transition to the structure found in the free portion of the cable.



DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, **Published:**

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).

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

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted
a patent (Rule 4.17(ii))*