

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 May 2001 (03.05.2001)

PCT

(10) International Publication Number
WO 01/31244 A2

(51) International Patent Classification⁷:

F16L

(74) Agents: MITCHELL, James, W. et al.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(21) International Application Number: PCT/US00/27213

(22) International Filing Date: 2 October 2000 (02.10.2000)

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

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

09/425,608

22 October 1999 (22.10.1999) US

(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).

(71) Applicant: GENERAL ELECTRIC COMPANY
[US/US]; 1 River Road, Schenectady, NY 12345 (US).

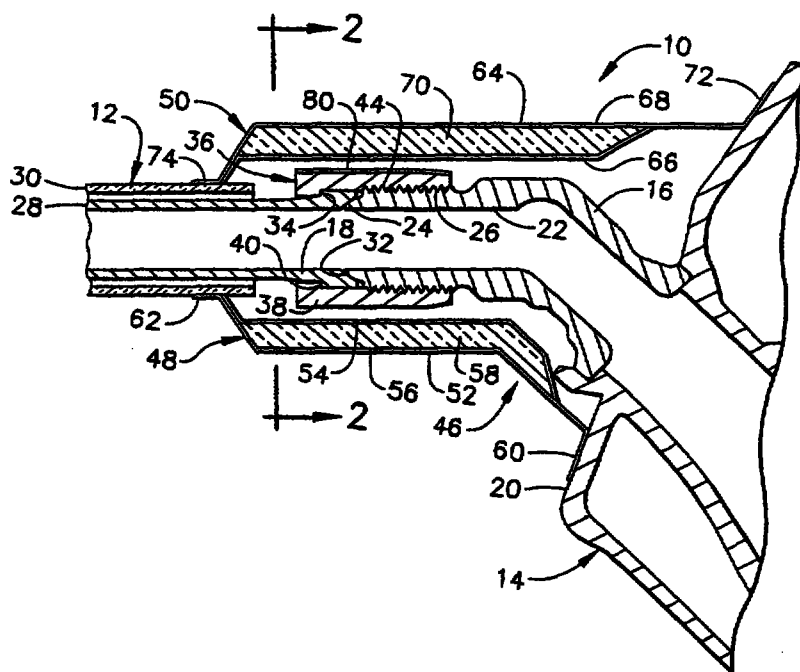
(72) Inventors: ERPS, Ralph, M.; 20 Manning Street, Salem, MA 01970 (US). MCNAMEE, James, Arthur; 35 Washington Avenue, Burlington, MA 01803 (US). KAMINSKE, Mathew; 12 Birch Lane, Byfield, MA 01922 (US).

Published:

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

[Continued on next page]

(54) Title: SECURED COUPLING ASSEMBLY AND METHOD OF PREVENTING LOOSENING



(57) Abstract: A coupling assembly includes a first coupling member, a second coupling member, and a coupling nut disposed over a portion of the second coupling member and threadingly engaging the first coupling member to retain the first and second coupling members together. An insulation blanket encloses the coupling nut, and a retention strip having a first end attached to an inner surface of the insulation blanket and a second end attached to the coupling nut is provided to prevent loosening of the coupling nut.

WO 01/31244 A2



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.