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- (71) Applicant (for all designated States except US): **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **FRIGO, Nicholas** [US/US]; 585 Little Silver Point Road, Little Silver, NJ 07739 (US). **IANNONE, Patrick** [US/US]; 146 Davis Lane, Red Bank, NJ 07701 (US). **REICHMANN, Kenneth** [US/US]; 11 Alessio Terrace, Hamilton, NJ 08620 (US).
- (74) Agent: **TONG, Kin-Wah**; 595 Shrewsbury Avenue, Shrewsbury, NJ 07701 (US).
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(54) Title: METHOD, APPARATUS AND SYSTEM FOR MINIMALLY INTRUSIVE FIBER IDENTIFICATION

(57) Abstract: A method, apparatus and system for minimally intrusive fiber identification includes imparting a time-varying modulation onto an optical signal propagating in an optical fiber and subsequently detecting the presence of the time-varying modulation in the optical signal transmitting through the fiber to identify the fiber. In a specific embodiment of the invention, a time-varying curvature is imposed on the fiber to be identified and the presence of the resultant time variation in the transmitted power of a propagating optical signal is subsequently detected for identification of the manipulated fiber.

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