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(71) Applicant (for all designated States except US): **NOR-TEL NETWORKS LIMITED** [CA/CA]; 2351 Boulevard Alfred-nobel, St. Laurent, QC H4S 2A9 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BUDIC, Miroslav** [US/US]; 408 Seleta Drive, Murphy, TX 75094 (US). **SCOTT, Jeffrey, Wade** [US/US]; 123 Moonlight Drive, Murphy, TX 75094 (US).

(74) Agents: **WEISBERG, Alan, M.** et al.; Christopher & Weisberg, P.A., 200 East Las Olas Boulevard, Suite 2040, Fort Lauderdale, FL 33301 (US).

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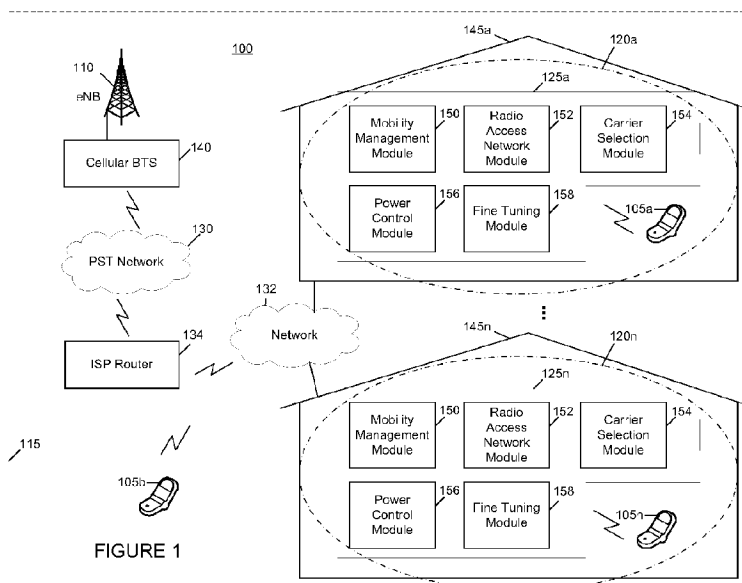


FIGURE 1

(57) Abstract: A method and system provide a plurality of femto cells that are deployed within a macro cell of cellular network. The femto cells improve cellular service inside structures, such as residential and commercial structures. Femto base stations convert signals between an airlink-interface and core network to enable data communication between the mobile terminal and an access network to occur through the Internet and a public switched telephone network. The femto base stations are independent of each other and the macro cell. The method and system provide the femto base stations with interference awareness and mitigation techniques to minimize interference with the cellular network.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0252666 A1 (JOHNSON) 16 December 2004 (12.16.2004) entire document	1-20
Y	US 6,678,530 B1 (HUNZINGER) 13 January 2004 (13.01.2004) entire document	1-20
Y	US 2006/0270434 A1 (IACONO) 30 November 2006 (30.11.2006) entire document	6, 16
Y	US 7,095,987 B2 (BROTHERS, JR et al) 22 August 2006 (22.08.2006) entire document	4-5, 14-15
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