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(71) Applicant: **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) Inventors: **TERRY, Stephen, E.**; 15 Summit Avenue, NorthPoint, NY 11768 (US). **DICK, Stephen, G.**; 61

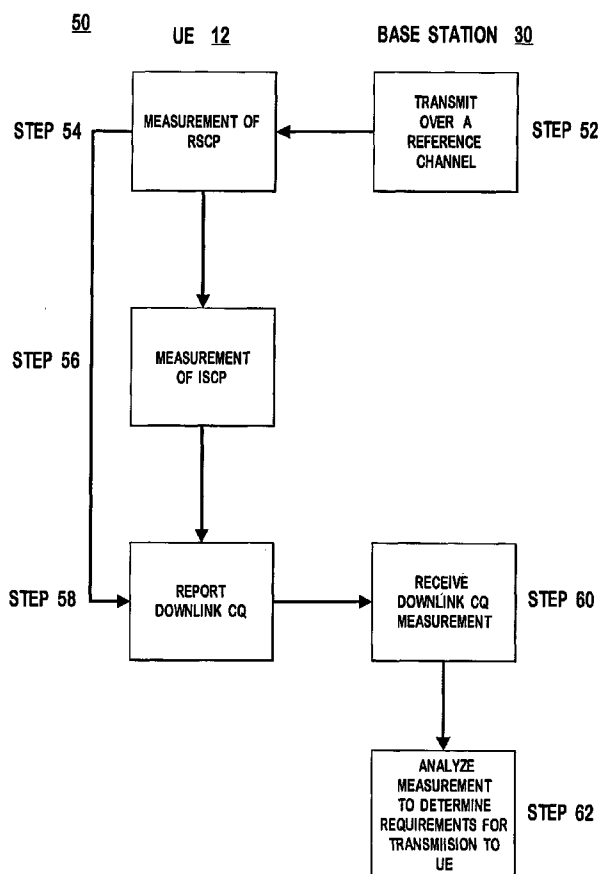
Bobann Drive, Nesconset, NY 11767 (US). **MILLER, James, M.**; 18 Louisburg Square, Verona, NJ 07044 (US). **ZEIRA, Eldad**; 239 West Neck Road, Huntington, NY 11743 (US). **ZEIRA, Ariela**; 239 West Neck Road, Huntington, NY 11743 (US).

(74) Agents: **VOLPE, Anthony, S.** et al.; Volpe and Koenig, P.C., Suite 400, 400 One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

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(54) Title: CHANNEL QUALITY MEASUREMENTS FOR DOWNLINK RESOURCE ALLOCATION



(57) Abstract: In a wireless digital communication system which may employ CDMA technology, a method (50) and system for obtaining channel quality (CQ) measurements for downlink resource allocation wherein a User Equipment (UE) (12) continuously measures RSCP (step) based on a communication on a reference channel provided by the network. The UE (12) measures timeslot ISCP (step 56) either continuously, by configuration or by rotation and reports downlink CQ (step 58). The UE (12) may report the RSCP once and the ISCP per timeslot, or may report some function of the RSCP/ISCP ratio such as modulation parameters or combined coding of all timeslots.



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