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(71) Applicant (for all designated States except US): **SIRF TECHNOLOGY, INC.** [US/US]; 148 E. Brokaw Road, San Jose, CA 95112 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BABITCH, Daniel** [US/US]; 15115 Clayton Road, San Jose, CA 95127 (US). **GRONEMEYER, Steven, A.** [US/US]; 6908 Wilton Drive Ne, Cedar Rapids, IA (US). **GARIN, Lionel, Jacques** [US/US]; 3475 Greer Road, Palo Alto, CA 94303

(US). **PANDE, Ashutosh** [US/US]; 604 Lochburry Court, San Jose, CA 95123 (US). **PENG, Leon, Kuo-Liang** [US/US]; 3388 Tryna Drive, Mountain View, CA 94040 (US). **ZHANG, Gengsheng** [US/US]; 1002 Westlynn Way, Apt. #2, Cupertino, CA 95014 (US). **VANTALON, Nicolas, Patrick** [IN/US]; 868 Helena Dr., Sunnyvale, CA 94087 (US).

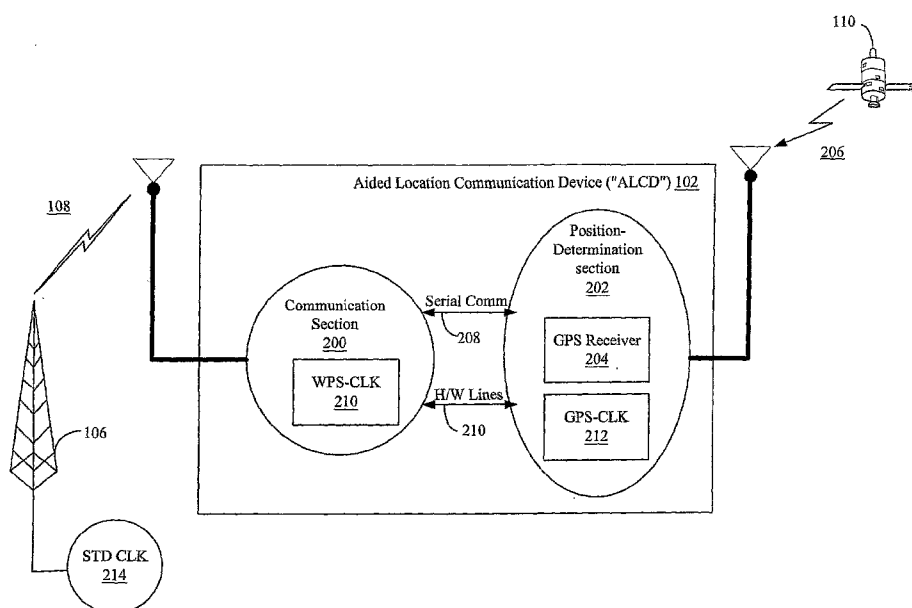
(74) Agent: **HAMILTON, Jennifer, H.**; The Eclipse Group, 10605 Balboa Blvd., Suite 300, Granada Hills, CA 91344 (US).

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(54) Title: REFERENCE OSCILLATOR FREQUENCY CORRECTION SYSTEM



(57) Abstract: A receiver reference oscillator frequency correction system and method are described that provides a receiver with a greater ability to lock onto relatively weak radio frequency signals by determining and estimating an amount of frequency error in a local frequency reference of the receiver, and using the error estimate to maintain frequency coherence with a received signal, thereby allowing tracking over a longer period of time, enabling longer integration times to capture weaker signals without losing frequency coherence.

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