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(71) Applicant: **QUALCOMM INCORPORATED** [US/US];
5775 Morehouse Drive, San Diego, CA 92121 (US).

(71) Applicant and

(72) Inventor: **MALLADI, Durga Prasad** [US/US]; 11983
Briarleaf Way, San Diego, CA 92128 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Byoung-hoon**
[KR/US]; 5235 Fiore Terrace C-220, San Diego, CA 92122
(US). **LUO, Tao** [CA/US]; 7665 Palmilla Drive #5417, San
Diego, CA 92122 (US).

(74) Agents: **AMIN, Himanshu, S.** et al.; Amin, Turocy &
Calvin, LLP, 1900 E. 9th Street, 24th Floor, National City
Center, Cleveland, OH 44114 (US).

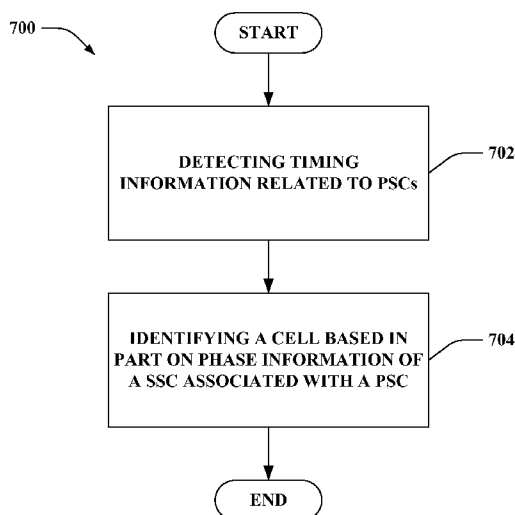
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(57) Abstract: Systems and methodologies are described that facilitate searches for a cell in a wireless communication environment. A mobile device can employ a searcher that can detect timing information respectively associated with PSCs and cells to determine the cell with the highest correlation. The searcher can detect SSCs, which can include detecting associated phase information, to determine the SSC with the highest correlation, CP length, and/or other information to facilitate identifying a desired cell having the strongest signal to establish communication between the mobile device and the desired cell. PSCs respectively associated with cells can have different positions in the symbol sequences, and SSCs can respectively be phase shifted at different angles to facilitate detection and identification of a cell(s), where a PSC can be utilized as a phase reference by the associated SSC.

WO 2008/086491 A1