Title: WIRELESS COMMUNICATION MANAGEMENT SYSTEM AND SUPPORTING METHOD AND APPARATUS

Abstract: Wireless communication system (10) management has been provided with a filtering threshold (34) to trigger events to control handovers of mobile stations (12, 14). In a non-active set base station process, it is determined (106) whether a base station signal strength measurement in a non-active set of a mobile station is less than the filtering threshold (34). If not, the predefined event is executed (108). Otherwise, the signal strength measurement is ignored (112). For an active set base station process, it is determined (206) whether a signal strength measurement of a base station in the active set of the mobile station is less than the filtering threshold (34). If not, the signal strength measurement is compared (212) to an event threshold. The signal strength measurement of the base station is ignored (214) when the signal strength measurement is not less than the event threshold.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC:   H04Q 7/00(2006.01)

USPC:  455/437,436,442
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
U.S.: 455/437,436,442;370/331

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,233,455 B1 (RAMAKRISHNA et al) 15 May 2001 (15.05.2001), see entire document.</td>
<td>1-10</td>
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<tr>
<td>Y</td>
<td>US 6,038,448 (CHHEDA et al) 14 March 2000 (14.03.2000), see entire document.</td>
<td>1-10</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search: 19 September 2006 (19.09.2006)
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Date of mailing of the international search report: 21 NOV 2006

Form PCT/ISA/210 (second sheet) (April 2005)