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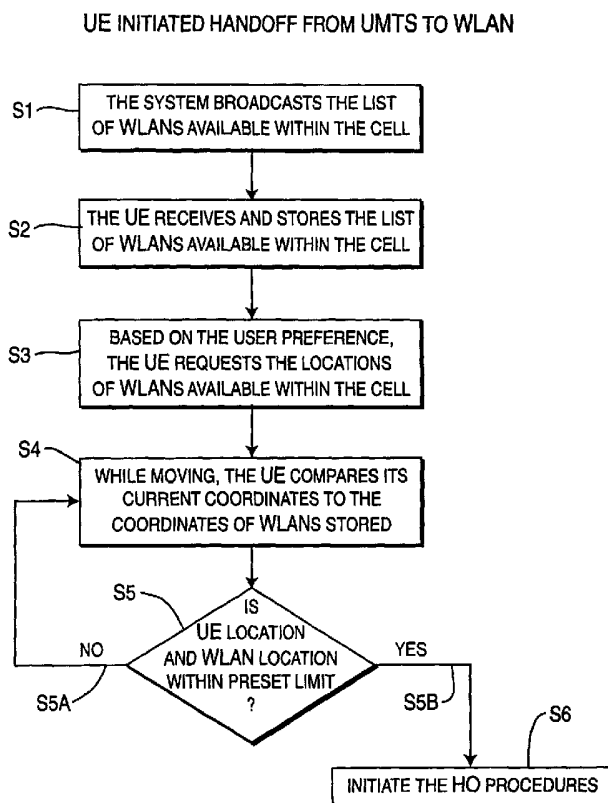
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR HANDOFF BETWEEN A WIRELESS LOCAL AREA NETWORK (WLAN) AND A UNIVERSAL MOBILE TELECOMMUNICATION SYSTEM (UMTS)



(57) Abstract: A user equipment (UE) operating in a wireless system having at least one base station, communicates with base stations in neighboring wireless systems and conveys information regarding these neighboring wireless systems to the base station of its wireless system, which updates and stores this information for use in handover of Ues (S1, S2, S3). The BS may also obtain updates directly from the base stations of neighboring wireless systems which may include a diversity of systems such as WLANs, Bluetooth, UMTS, GPRS, etc., and provide to UEs a list of those wireless systems which the UEs need not provide updates to the BS providing the list (S4, S5).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04B 7/005; H04Q 7/34
 US CL : 455/436, 437, 442; 370/331, 332, 328, 338

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. : 455/436, 437, 442; 370/331, 332, 328, 338

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0024937 A1 (BARNARD ET AL.) 28 FEBRUARY 2002 (28.02.2002), PAGES 2-6	1-12
A	US 6,353,602 B1 (CHENG ET AL.) 05 MARCH 2002 (05.03.2002), COLS. 2-8.	1-12
A	US 6,061,565 A (INNES ET AL.) 09 MAY 2000 (09.05.2000), COLS. 2-5.	1-12
A	US 6,115,608 A (DURAN ET AL.) 05 SEPTEMBER 2000 (05.09.2000), COLS. 2-7.	1-12
A	US 6,201,968 B1 (OSTROFF ET AL.) 13 MARCH 2001 (13.03.2001), COLS. 2-5.	1-12

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer JEAN A GELIN Telephone No. (703) 305-4843 