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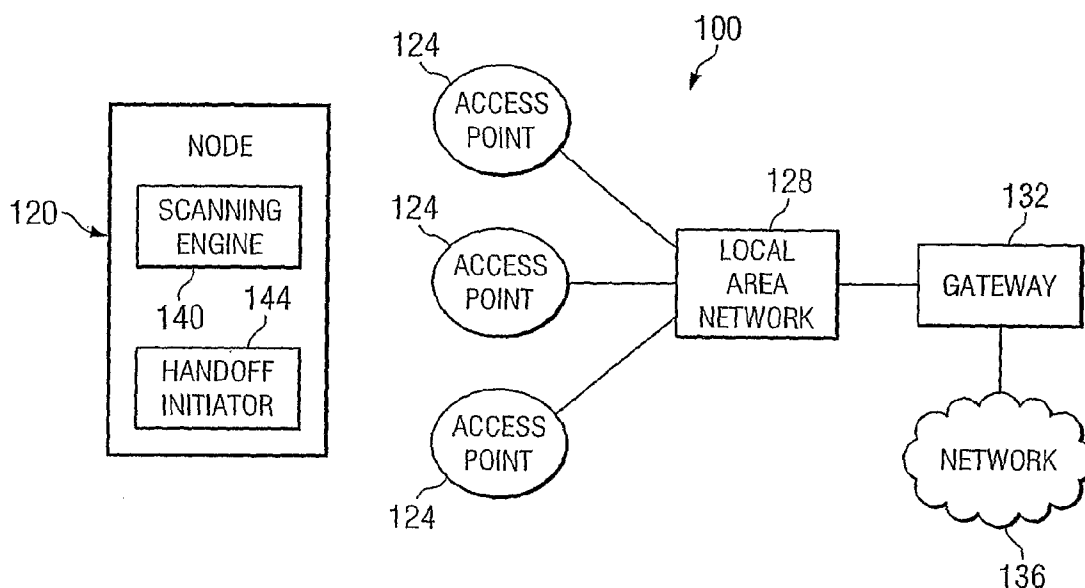
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[Continued on next page]

(54) Title: IDENTIFYING ONE OR MORE ACCESS POINTS IN ONE OR MORE CHANNELS TO FACILITATE COMMUNICATION



(57) Abstract: Identifying one or more access points in one or more channels to facilitate communication includes identifying an access point in a channel in a first channel band of a first frequency range to facilitate communication with a network. The first channel band includes a plurality of channels and the first frequency range includes a plurality of channel bands. The identified access point is used to communicate with the network. A scanning sequence is initiated in the first frequency range and a second frequency range to identify one or more access points in one or more channels to facilitate communication. The second frequency range includes a plurality of channel bands.

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**Declarations under Rule 4.17:**

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04Q 7/00 (2007.01)

USPC - 370/329

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)

USPC - 370/329

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 370/329, 370/328; 370/229; 370/338; 370/431; 375/260 (text search, see search terms)

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

PubWEST(USPT,PGPB,EPAB,JPAB); Google Scholar, Delphion, Goggle Patent

Search Terms: (access point) and frequency and scanning and channel, interference, (mobile or wireless or radio), identify\$4, handoff, ((local area network) OR lan), discovery.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,875,186 A (BALANGER et al.) 23 February 1999 (23.02.1999) entire document, especially Abstract, column 1 lines 48-67, column 2, lines 1-57, column 22, lines 1-19, column 26, lines 3-7, column 28, lines 27-49.	1-29
Y	US 5,796,772 A (SMITH et al.) 18 August 1998 (18.08.1998) Abstract, col 2, ln 45 to col 4, ln 12, Figure 8, 9,	1-29
Y	US 6,917,804 B2 (TAKAYAMA et al.) 12 July 2005 (12.07.2005) Abstract, column 6, lines 29-51	5-7, 12-14, 19-21, 26-28
Y	US 6,801,772 B2 (TOWNSEND et al.) 05 October 2004 (05.10.2004) Abstract, column 2, lines 1-59	7, 14, 21, 28

☐ Further documents are listed in the continuation of Box C.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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