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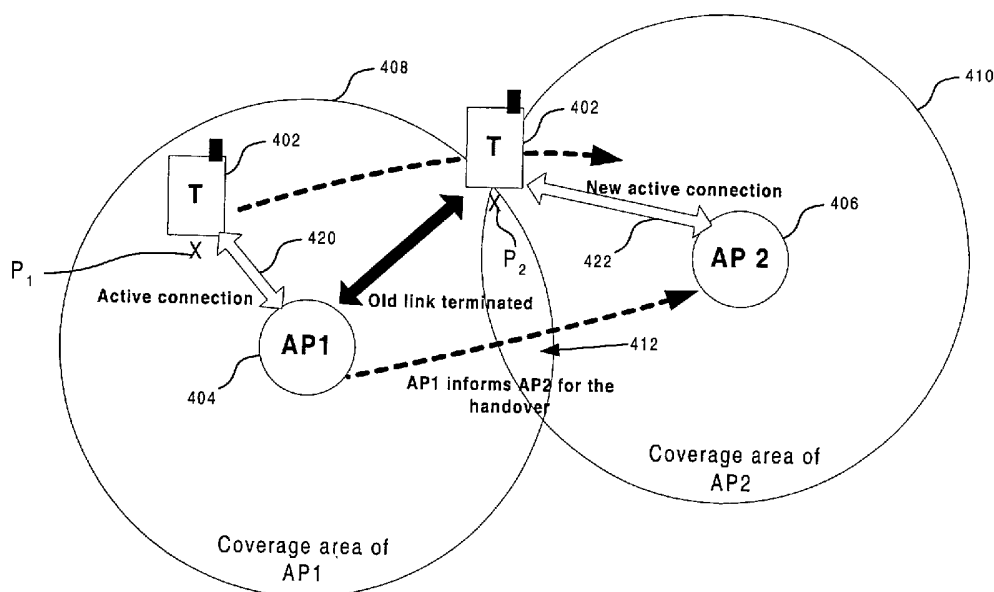
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR HANDOVERS USING SERVICE DESCRIPTION DATA



(57) Abstract: Terminal devices (402) efficiently transition from a first access point (404) to a second access point (406) based on service discovery information that is transmitted by the second access point. In Bluetooth implementations, the present invention advantageously may be implemented without requiring modifications to a terminal device's terminal module. Accordingly, in handing over a wireless communications session from a first access point to a second access point, a terminal device establishes a link (422) with the second access point. The terminal device receives service description data, such as an SDP message, from the second access point, selects a group key based on the service, and authenticates the link with the second access point using the selected group key.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB03/02840

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/20; H04B 5/00

US CL : 455/436, 41.1

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, 438-440, 442, 432.1, 432.3, 433, 466, 41.1, 41.2; 370/331-334

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---------------|--|-------------------------------|
| Y --- A | US 5,375,140 A (BUSTAMANTE et al.) 20 December 1994 (20.12.1994), columns 2-4, abstract, and figure 1. | 1-28, 39-40 ----- 29-38 |
| Y --- A | WO 01/78246 A1 (COM-MIL LTD.) 18 October 2001 (18.10.2001), pages 4-9, abstract and figures 1, 2, 8, 9, 14 and 15. | 1-28, 39-40 ----- 29-38 |
| A,P | US 6,526,034 B1 (GORSUCH) 25 February 2003 (25.02.2003), columns 2-4, abstract, and figures 1 and 5. | 1-40 |
| A,E | US 6,633,761 B1 (SINGHAL et al) 14 October 2003 (14.10.2003), columns 1-2, and abstract. | 1-40 |

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

☐ See patent family annex.

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

EAST text search

Search Terms: Bluetooth, short range, near field, handover, handoff.