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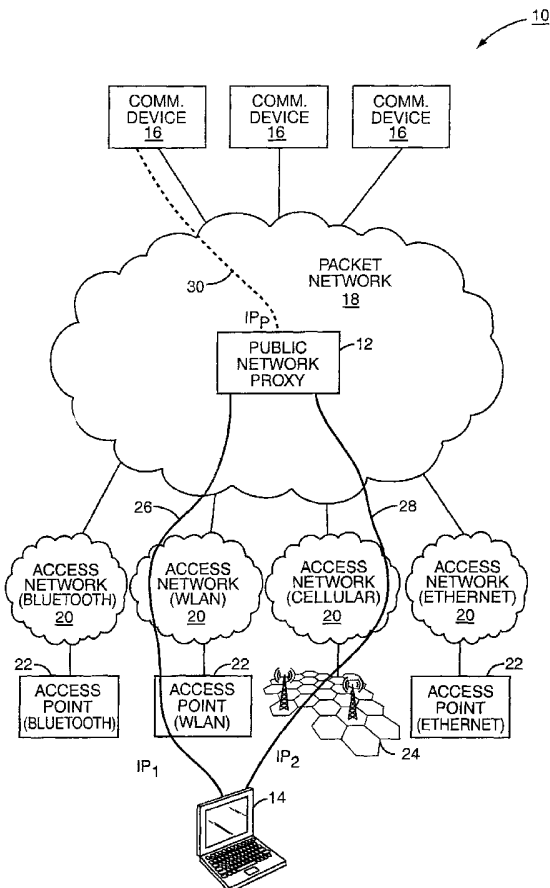
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(54) Title: MOBILITY IN A MULTI-ACCESS COMMUNICATION NETWORK



(57) Abstract: The present invention provides a terminal capable of establishing multiple communication sessions with a public network proxy through different access networks. The terminal actively communicates with then, public network proxy to control which of the multiple communication paths are active, as well as control the transition from actively using one communication path to using another. The public network proxy facilitates data and voice sessions between the terminal and any number of other communication devices. In one embodiment, the communication sessions are reserved tunneling sessions, and the terminal cooperates with the public network proxy to effectively control how many tunneling sessions are established, how many tunneling sessions are active at any given time, and the transition from one tunneling session to another for active communications. Each of the communication or tunneling sessions may be established over different access networks using different communication technologies and protocols.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04L 12/56

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H04L (all subclasses 1/00, 5/00, 7/00, 9/00, 12/00, 13/00, 15/00, 17/00, 19/00, 21/00, 23/00, 25/00, 27/00, 29/00 (using keywords)

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)

Delphion, Esp@cenet, Canadian Patent Database (keywords: network*, mobile, proxy, tunnel*)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0026527 A1 (Das et al.), 28 February 2002, claim 1, claim 2, paragraph 36 page 4, claim 17	1, 8, 9, 11, 18, 19, 21, 30, 37
X	EP 1124396 A2 (Igarashi et al.), 16 August 2001, claim 1, claim 2	1, 8, 9, 11, 18, 19, 21, 30, 37
E, Y	US 2004/0205233 A1 (Dunk), 14 October 2004, claim 1, paragraph 36 page 4	1, 8, 9, 19, 18, 21, 30, 37
P, Y	US 2004/0073642 A1 (Iyer), 15 April 2004, claim 1, claim 2, claim 11	1, 8, 9, 19, 18, 21, 30, 37

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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Information on patent family members

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