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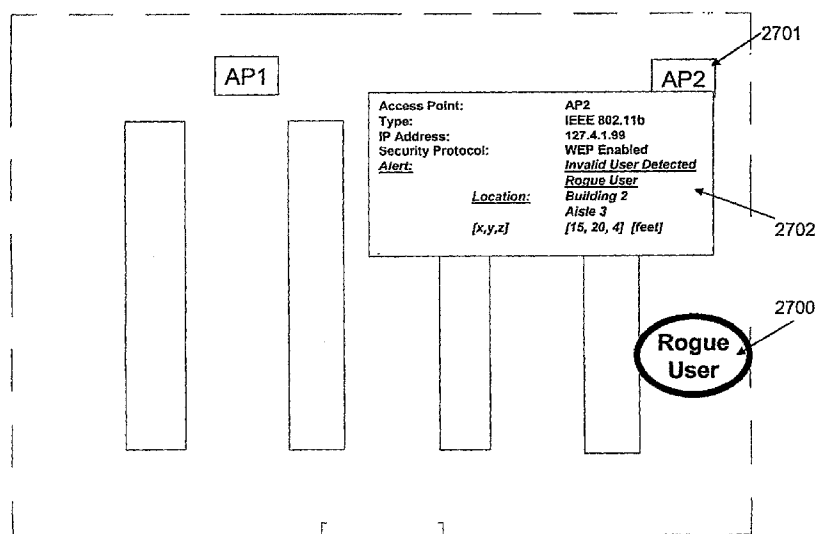
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(54) Title: DETERMINING CONFIGURATION FOR, AND LOCATION OF, WIRELESS OR WIRED NETWORK EQUIPMENT



(57) Abstract: A system and method for determining preferred configuration settings and sets of possible positions (801-806) for wireless or wired network equipment (501) includes a site-specific network model used with adaptive processing of predicted or measured parameters to perform efficient design and ongoing management of network performance, the equipment having data and settings associated therewith. A secure wireless communication system in a physical environment (3200) includes a display for displaying a site-specific representation of the environment, a plurality of wireless communication components (3202,3203) positioned at a plurality of location within the environment, and an indicator for identifying the presence of a possible intruder or intruder devices (2700) in the environment.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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A. CLASSIFICATION OF SUBJECT MATTER

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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. : Please See Continuation Sheet

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.
X	US 6,216,015 B1 (HYMEL) 10 April 2001, see Figs. 1 and 4, the Abstract and col. 1, lines 12-15 and 58-60.	104
X	US 6,354,500 B1 (GERCEKCI et al) 12 March 2002, see Fig. 1, the Abstract and col. 2, lines 5-17.	104
A	US 2002/0082859 A1 (LANCOS et al) 27 June 2002, see the entire document.	1-21
A	US 6,424,264 B1 (GIRALDIN et al) 23 July 2002, see the entire document.	1-21
A	US 6,317,599 B1 (RAPPAPORT et al) 13 November 2001, see the entire document.	22-103



Further documents are listed in the continuation of Box C.



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Continuation of B. FIELDS SEARCHED Item 1:

340/5.92,572.4,691.6,825.49,5.8,539.13,573.1,573.4;455/457,456.1,456.2,456.5,456.6,450,509;703/13;705/28;707/100;709/223-226;726/2-4

Continuation of B. FIELDS SEARCHED Item 3:

EAST (network,display,wireless,rf,rfid,tag,transponder,device,intruder,unauthorized,unauthenticated,inventory,environment,building,warehouse,facility,location,position,coordinates,smart,memory,card,stick,post-it, read,interrogate,download)