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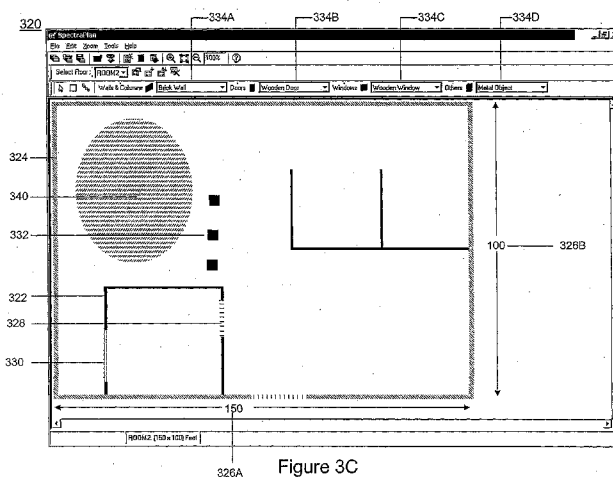


Figure 3C

(57) Abstract: According to an embodiment of the present invention, security exposure analysis of wireless network within a selected local geographic area is provided. A computer model (320) of the selected local geographic region comprising a layout (324) is generated. Information regarding wireless network components is provided to the computer model. Using the computer model, signal intensity characteristics of at least one of the wireless network components are determined over at least a portion of the selected geographic region. Based at least on the signal intensity characteristics, security exposure information associated with the wireless network is determined. The security exposure information is graphically displayed on the computer screen in relation to the layout of the selected geographic region. The security exposure information includes sniffer detection and prevention coverage, access point vulnerability regions, and signal uncertainty and variability views.

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INTERNATIONAL SEARCH REPORT

International application No.

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC: G08B 23/00(2006.01)</p> <p>USPC: 726/25 According to International Patent Classification (IPC) or to both national classification and IPC</p>																						
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) U.S. : 726/25</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEEE/ACM</p>																						
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 6,625,454 B1 (Rappaport et al.) 23 September 2003 (23.09.2003), entire document.</td> <td>1-22</td> </tr> <tr> <td>Y</td> <td>US 2004/0137915 A1 (Diener et al.) 15 July 2004 (15.07.2004), Figs. 9 & 13, para [0058]</td> <td>1-22</td> </tr> <tr> <td>Y,E</td> <td>US 7,086,089 B2 (Hrstar) 01 August 2006 (01.08.2006), abstract, column 31-33, claims 1, 5-14</td> <td>1-22</td> </tr> <tr> <td>Y</td> <td>AirMagnet. Airmagnet Surveyor User Guide. Airmagnet Inc., http://www.bluecom.cz/produkty/analyzatory/pdf/surveyor_manual.pdf. April 2004, pages 51, 57-60, 70-76</td> <td>1-22</td> </tr> <tr> <td>Y,E</td> <td>US 7,243,054 B2 (Rappaport et al.) 10 July 2007 (10.07.2007), column 8, lines 45-56.</td> <td>11-12</td> </tr> <tr> <td>Y</td> <td>Agrawala, A. et al. Handling Samples Correlation in the Horus System. http://www.cs.umd.edu/~moustafa/papers/cs_tr_4506.pdf. June 2003.</td> <td>20</td> </tr> </tbody> </table>		Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 6,625,454 B1 (Rappaport et al.) 23 September 2003 (23.09.2003), entire document.	1-22	Y	US 2004/0137915 A1 (Diener et al.) 15 July 2004 (15.07.2004), Figs. 9 & 13, para [0058]	1-22	Y,E	US 7,086,089 B2 (Hrstar) 01 August 2006 (01.08.2006), abstract, column 31-33, claims 1, 5-14	1-22	Y	AirMagnet. Airmagnet Surveyor User Guide. Airmagnet Inc., http://www.bluecom.cz/produkty/analyzatory/pdf/surveyor_manual.pdf . April 2004, pages 51, 57-60, 70-76	1-22	Y,E	US 7,243,054 B2 (Rappaport et al.) 10 July 2007 (10.07.2007), column 8, lines 45-56.	11-12	Y	Agrawala, A. et al. Handling Samples Correlation in the Horus System. http://www.cs.umd.edu/~moustafa/papers/cs_tr_4506.pdf . June 2003.	20
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<p>Date of the actual completion of the international search 24 July 2008 (24.07.2008)</p>	<p>Date of mailing of the international search report 07 AUG 2008</p>																					
<p>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. (571) 273-3201</p>	<p>Authorized officer Nasser Moazzami Telephone No. 571-273-8300</p>																					