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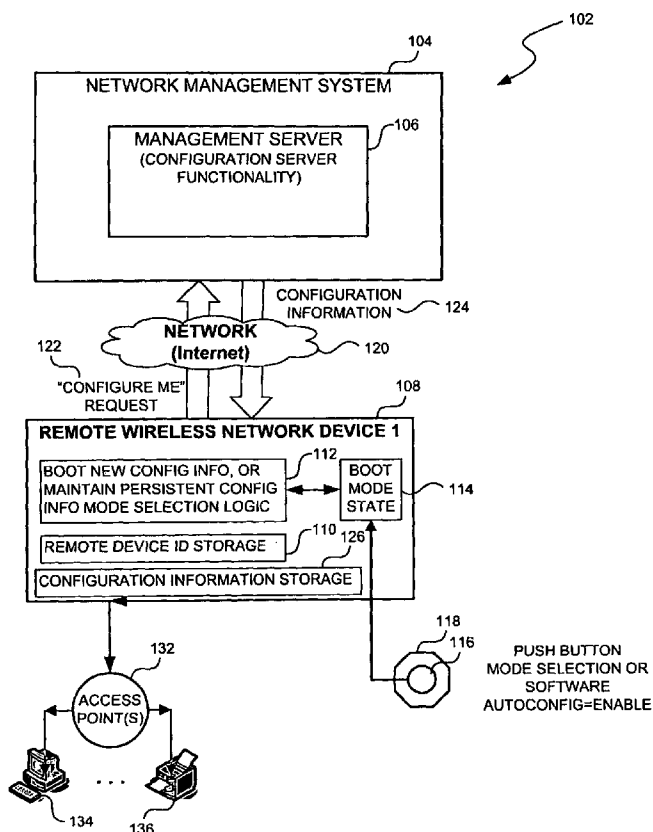
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[Continued on next page]

(54) Title: AUTOMATIC CONFIGURATION OF REMOTE NETWORK SWITCH AND CONNECTED ACCESS POINT DEVICES



(57) Abstract: Automatically configuring network device, network system architecture, and method for configuring one or a plurality of devices on a network. Device and network system architectures and methods for automatically self-initiating and configuring one, a plurality, or hundreds of wired or wireless network devices. Autoconfiguring wireless Local Area Network switch and access point devices connected to the switch. Method for accessing remote server by a device to acquire device configuration information. Method for deploying a network including at least one network device at a facility without the participation of a person having knowledge of networks or network devices at the facility. Computer program and computer program product.

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 15/177 (2007.10) USPC - 709/220 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) USPC: 709/220</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 709/220, 222, 223, 227; 370/254, 255, 258; search terms below</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic Databases Searched: PubWEST (USPT, PGPB, EPAB, JPAB); Google Scholar Search Terms Used: network, remote device, automatic configuration, request, data set, configuration data, manager, identifier, activating, sending message, network switch, authentication, encryption/decryption, wireless etc.</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 5,852,722 A (HAMILTON) 22 December 1998 (22.12.1998), abstract, fig 1-4, col 1, ln 35-55, col 2, ln 35-40, col 2, ln 35-48, col 3, ln 1-11, col 4, ln 40-43, col 5, ln 36-67</td> <td>1-32</td> </tr> <tr> <td>Y</td> <td>US 6,012,088 A (LI et al.) 04 January 2000 (04.01.2000), abstract, fig 5-6, col 3, ln 8-20, col 7, ln 45-47, col 9, ln 63 to col 10, ln 6-10, col 10, ln 44-65, col 13, ln 22-28, col 14, ln 50-65, col 15, ln 22-26, col 15, ln 50-55</td> <td>1-32</td> </tr> <tr> <td>A</td> <td>US 5,980,078 A (KRIVOSHEIN et al.) 09 November 1999 (09.11.1999), abstract, fig 1-16</td> <td>1-32</td> </tr> <tr> <td>A</td> <td>US 6,029,196 A (LENZ) 22 February 2000 (22.02.2000), abstract, fig 1-12</td> <td>1-32</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 5,852,722 A (HAMILTON) 22 December 1998 (22.12.1998), abstract, fig 1-4, col 1, ln 35-55, col 2, ln 35-40, col 2, ln 35-48, col 3, ln 1-11, col 4, ln 40-43, col 5, ln 36-67	1-32	Y	US 6,012,088 A (LI et al.) 04 January 2000 (04.01.2000), abstract, fig 5-6, col 3, ln 8-20, col 7, ln 45-47, col 9, ln 63 to col 10, ln 6-10, col 10, ln 44-65, col 13, ln 22-28, col 14, ln 50-65, col 15, ln 22-26, col 15, ln 50-55	1-32	A	US 5,980,078 A (KRIVOSHEIN et al.) 09 November 1999 (09.11.1999), abstract, fig 1-16	1-32	A	US 6,029,196 A (LENZ) 22 February 2000 (22.02.2000), abstract, fig 1-12	1-32
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<p>Name and mailing address of the ISA/US</p> <p>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:</p> <p>Lee W. Young</p> <p>PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>															