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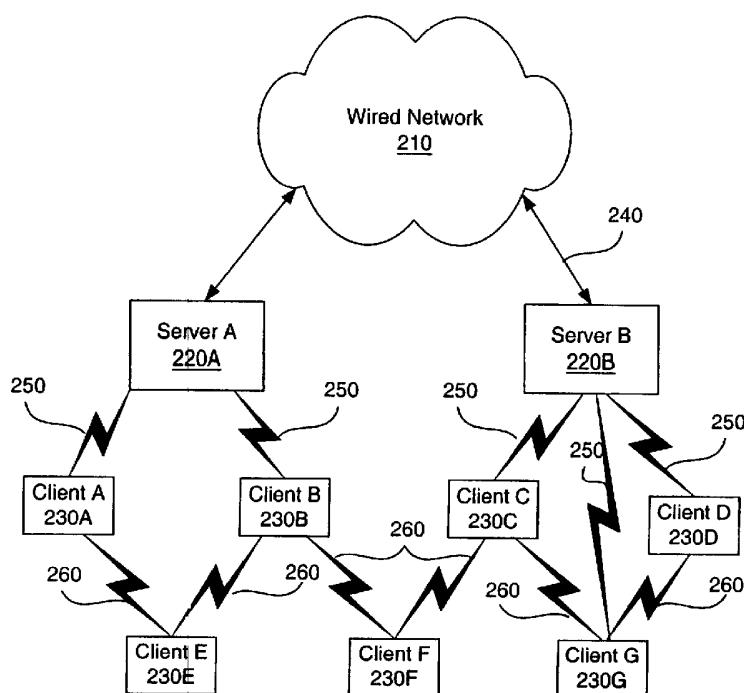
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[Continued on next page]

(54) Title: METHOD AND SYSTEM TO PROVIDE A ROUTING PROTOCOL FOR WIRELESS DEVICES



(57) Abstract: A method and apparatus for generating connectivity is described. The method includes a server (220A, 220B) broadcasting a beacon including the server's address. The method further includes each client (230A-230G) that receives the beacon rebroadcasting the beacon. The result is that each client receiving the beacon knows a way (240, 250, 260) to reach the server.



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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. : 370/3338, 351; 455/7																				
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.																		
A	US 5,636,220 A (VOOK et al) 03 June 1997 (03.06.1997), all	1-39																		
P, A	US 6,418,299 B1 (RAMANATHAN) 09 July 2002 (09.07.2002), all	1-39																		
A	US 5,684,800 A (DOBBINS et al) 04 November 1997 (04.11.1997), all	1-39																		
A	US 5,901,362 A (CHEUNG et al) 04 May 1999 (04.05.1999), all	1-39																		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																				
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INTERNATIONAL SEARCH REPORT .

PCT/US01/48215

Continuation of B. FIELDS SEARCHED Item 3:

EAST, DERWENT, EPO

WLAN, beacon, re-broadcasting, client, server, hop-count, optimal path, wireless, routing cycle, gateway