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(54) APPARATUS, AND ASSOCIATED METHOD, FOR ROUTING PACKET DATA IN AN AD HOC, WIRELESS COMMUNICATION SYSTEM

(75) Inventors: Sander van Valkenburg, Helsinki (FI); Marc Solsona Palomar, Helsinki (FI)

(73) Assignee: Nokia Corporation, Espoo (FI)

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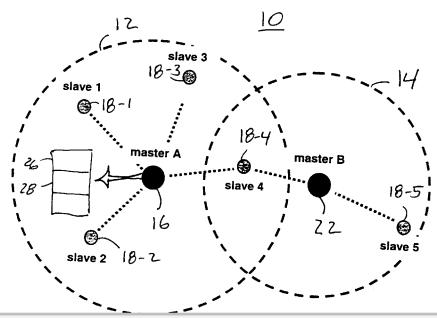
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Primary Examiner—Chi Pham Assistant Examiner—Thai Hoang

(57) ABSTRACT

Apparatus, and an associated method, by which to route packets of data between a data source node and a data destination node in an ad hoc, wireless network, such as a Bluetooth scatternet. Data routing tables are provided to each node, and header information extracted from a packet header is used by such tables. Routing of a packet of data is effectuated in a hop-by-hop manner to effectuate the communication of the packet from the data source node to the data destination node.

17 Claims, 7 Drawing Sheets





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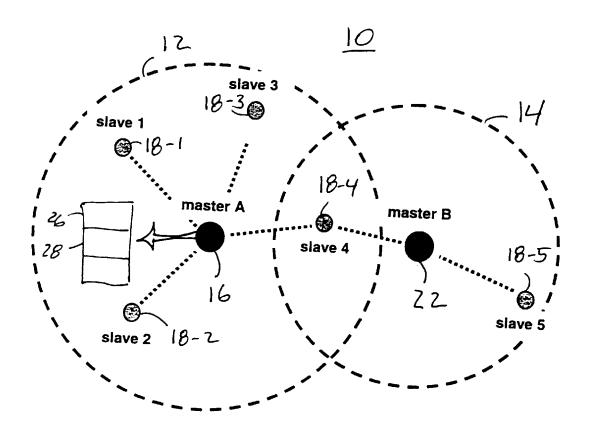
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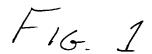
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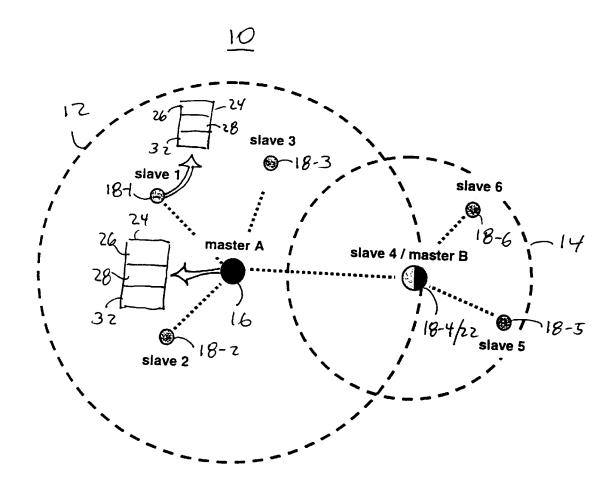
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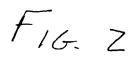
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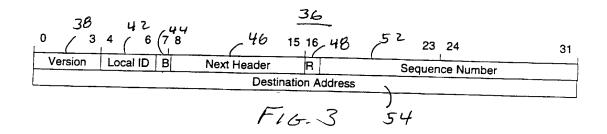


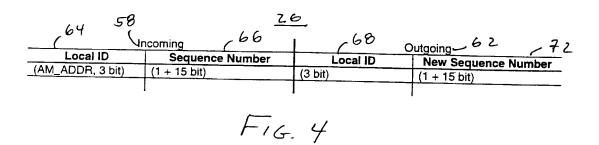


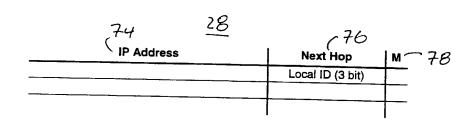












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