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Butler

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(54) **WIRELESS COMMUNICATION SYSTEM TO IMPLEMENT INDEPENDENT WIRELESS CONNECTIONS**

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See application file for complete search history.

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(57) **ABSTRACT**

A wireless communication system implements independent wireless connections for a data communication service. Multiple wireless communication devices establish the independent wireless connections with multiple wireless access points, and responsively monitor the independent wireless connections. The wireless communication devices receive a request for the data communication service for a User Equipment (UE), and responsively assign the UE to one or more of the independent wireless connections. The wireless communication devices detect a data communication loss on the assigned independent wireless connection(s), and responsively select one or more of the unassigned independent wireless connections and assign the UE to the selected unassigned independent wireless connections.

20 Claims, 7 Drawing Sheets