

Exhibit BB



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(54) **HANDOFF SYSTEM USING AN INITIAL RANGING SCHEME IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM AND METHOD FOR CONTROLLING THE SAME**

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(57) **ABSTRACT**

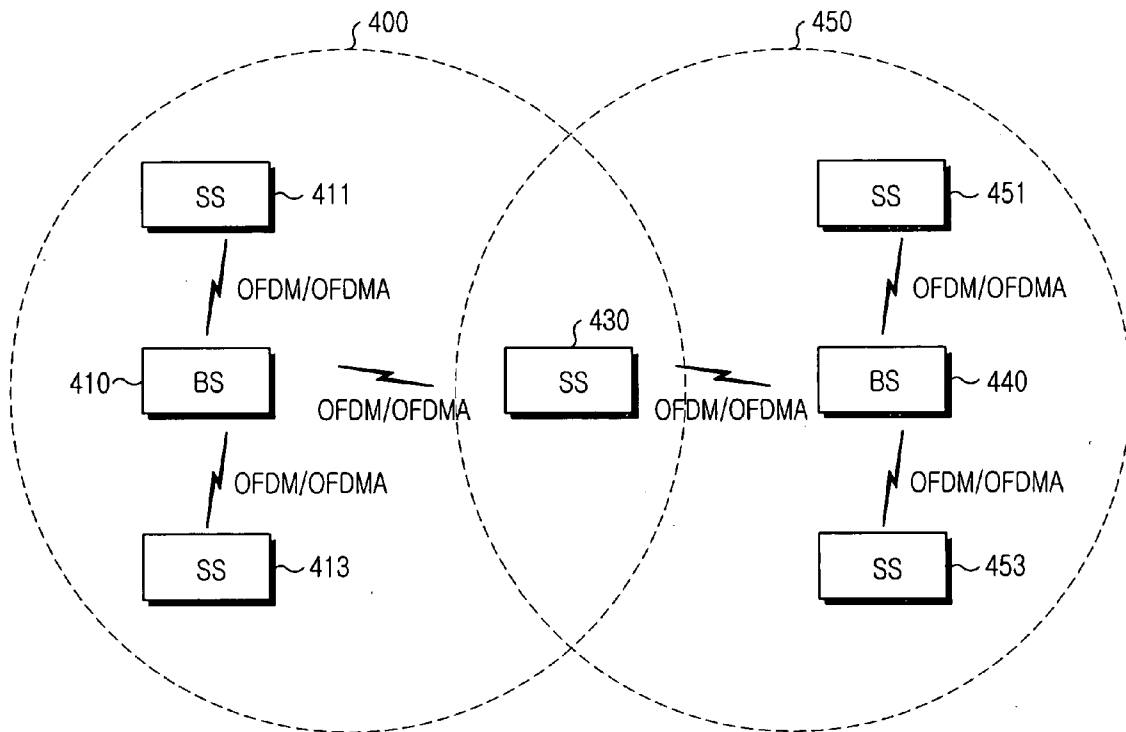
A communication system using an OFDM (Orthogonal Frequency Division Multiplexing) scheme. The communication system receives neighbor BS (Base Station) information of a plurality of neighbor BSs associated with a plurality of cells adjacent to a cell and uplink-associated information needed for transmitting data to the first BS from the first BS, requests synchronization information needed for establishing synchronization acquisition between the SS and the first BS from the first BS, monitors the plurality of neighbor BSs on the basis of the neighbor BS information associated with the neighbor BSs, and establishing a handoff with the second BS, which is one of the neighbor BSs, based on the result of the neighbor BSs.

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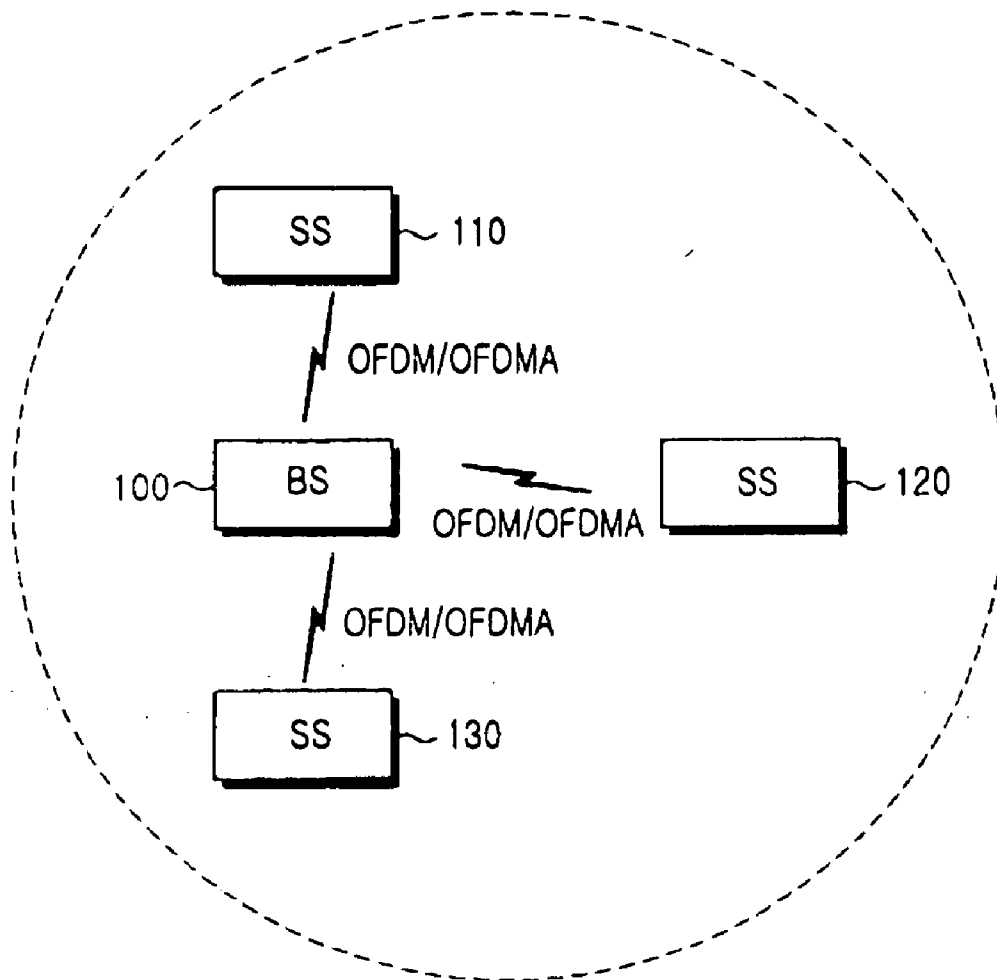


FIG. 1
(PRIOR ART)

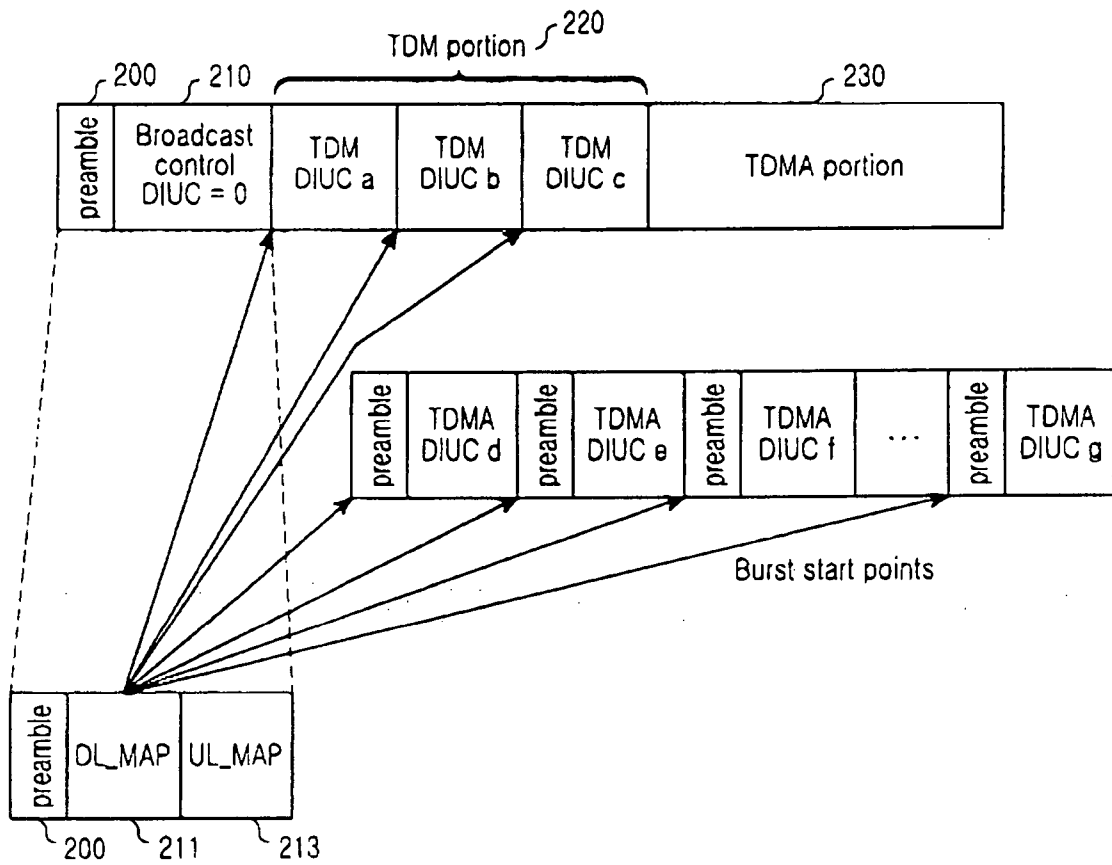


FIG.2
(PRIOR ART)

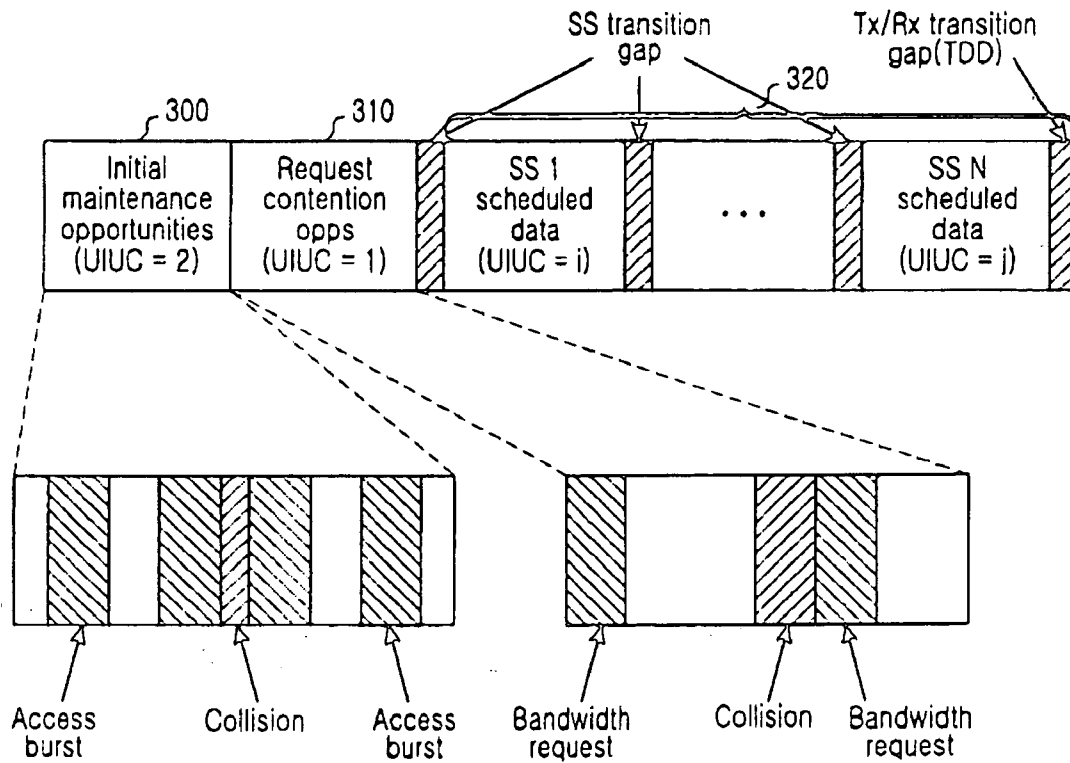


FIG. 3
(PRIOR ART)

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