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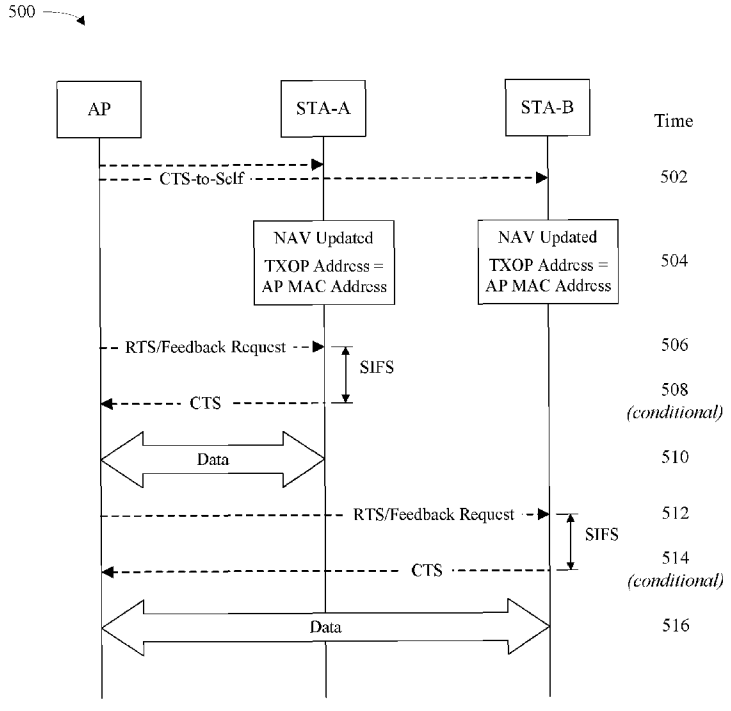
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(54) Title: TRANSMISSIONS TO MULTIPLE STATIONS IN WIRELESS COMMUNICATION SYSTEMS



(57) Abstract: Systems and methodologies are described that facilitate coordinating and conducting transmissions to multiple stations in a wireless communication system during a single transmission opportunity. A holder of a transmission opportunity can communicate a request-to-send message or a self-addressed clear-to-send message to one or more stations to establish the transmission opportunity. Subsequently, data transmissions with respective stations can be initiated by transmitting request-to-send messages to the respective stations. At each receiving station, the source address of a received request-to-send message is compared to the address of the holder of the transmission opportunity. If the addresses match for a given request-to-send message, the receiving station transmits a clear-to-send message to the holder of the transmission opportunity in response to the request-to-send message.

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