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(54) Title: A SYSTEM AND METHOD FOR SIGNAL TRANSMISSION

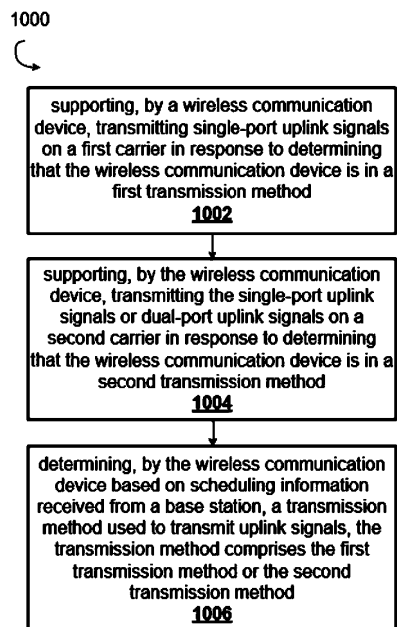


FIG. 10

(57) Abstract: A system and method for an uplink signal transmission. The system and method includes supporting, by a wireless communication device, transmitting single-port uplink signals on a first carrier in response to determining that the wireless communication device is in a first transmission method; supporting, by the wireless communication device, transmitting the single-port uplink signals or dual-port uplink signals on a second carrier in response to determining that the wireless communication device is in a second transmission method; and determining, by the wireless communication device based on scheduling information received from a base station, a transmission method used to transmit uplink signals, the transmission method comprises the first transmission method or the second transmission method.

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