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(54) Title: CONTROL SIGNAL TRANSMISSION FOR WIRELESS COMMUNICATION SYSTEMS

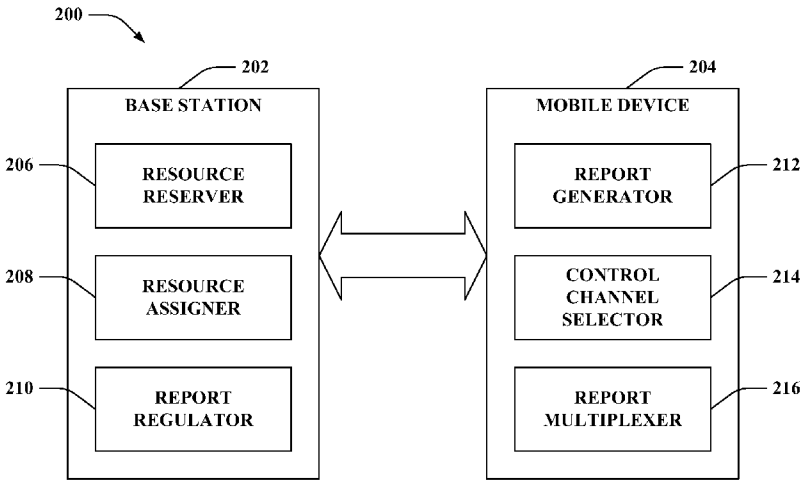


FIG. 2

(57) Abstract: Systems and methodologies are described that facilitate communicating reverse link control information over OFDMA control channel (s) and CDMA control channel (s). Dedicated OFDMA control channel resources can be assigned to mobile device (s). Control information related to one or more logical control channels can be generated by a mobile device (204). Further, a physical control channel type (e.g., OFDMA control channel or a CDMA control channel) can be selected (214) for sending the control information via the reverse link. For example, control information associated with periodic, logical control channels can be multiplexed (216) and sent over the OFDMA control channel (e.g., utilizing the dedicated OFDMA control channel resources) while control information related to non-periodic, logical control channels can be transmitted over the CDMA control channel.

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