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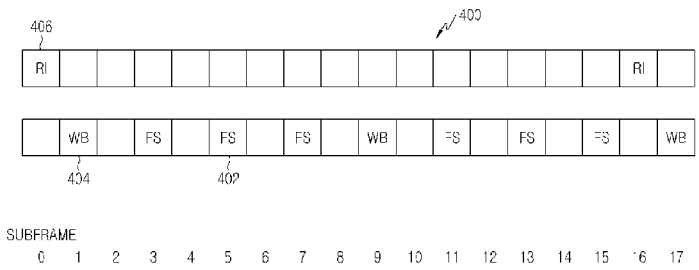
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(54) **Title**: SYSTEM AND METHOD FOR MULTIPLEXING ON AN LTE UPLINK CONTROL CHANNEL

[Fig. 4]



(57) **Abstract**: A wireless communication network comprising a plurality of base stations capable of wireless communication with a plurality of subscriber stations within a coverage area of the network, wherein at least one of the plurality of base stations is capable of: determining a multiplexing scheme for multiplexing a frequency-selective channel quality information/precoding matrix index (FS CQI/PMI) feedback report with a wideband channel quality information/precoding matrix index (WB CQI/PMI) feedback report and a rank information (RI) report on a physical uplink control channel; transmitting the multiplexing scheme to a subscriber station; and receiving, from the subscriber station, an FS CQI/PMI feedback report multiplexed with a WB CQI/PMI feedback report and a RI report on the physical uplink control channel according to the multiplexing scheme.