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(54) Title: DEVICES AND METHODS OF COMMUNICATION

(57) Abstract: Various aspects of the present disclosure relate to devices and methods of communication. UE may receive a configuration for an uplink transmission from a base station. The UE may process a reference signal by applying a first multiplexing sequence associated with a first spreading factor to the reference signal, and transmit uplink data with the processed reference signal to the base station based on the configuration. In this way, a reference signal for an uplink transmission may be transmitted reliably, and multiplexing of multiple UEs in the same physical resource for the uplink transmission may be enhanced. Thus, uplink capacity may be enhanced.

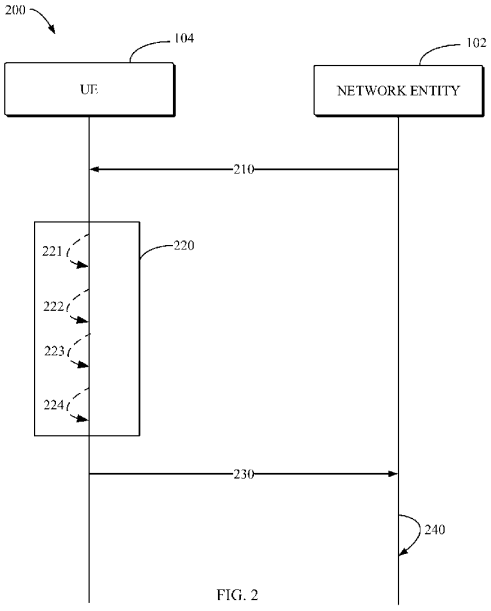


FIG. 2

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