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(54) Title: INTERFERENCE MITIGATION FOR FULL-DUPLEX COMMUNICATION

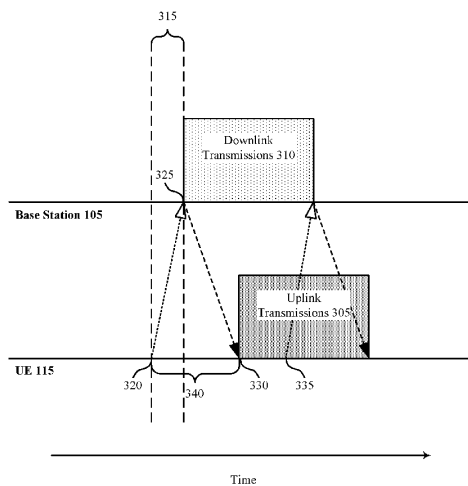


FIG. 3

(57) Abstract: Methods, systems, and devices for wireless communica-
tions are described to enable base station and a user equipment (UE) to
mitigate interference when using full-duplex communications. For ex-
ample, a base station communicating with a UE via full-duplex commu-
nications may indicate for the UE to align the time of its uplink trans-
missions with the time the UE receives downlink transmissions. Addi-
tionally or alternatively, the base station may indicate a timing alignment
window for the UE, where the window may consist of an allowed time
period the UE may use to select a time to begin uplink transmissions.
In some examples, the base station may select a cyclic prefix for full-
duplex communications, where the cyclic prefix may be longer than a
cyclic prefix used for other communications. Further, the base station
may select uplink frequency and downlink frequency bands separated by
a defined guard band for full-duplex communications.

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