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(54) **Title**: SYNCHRONOUS TDM-BASED COMMUNICATION IN DOMINANT INTERFERENCE SCENARIOS

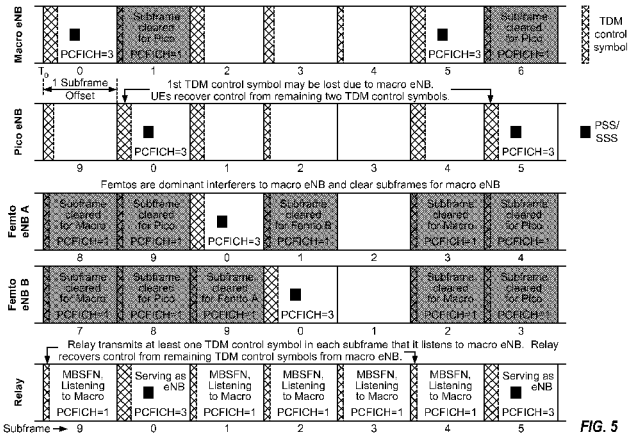


FIG. 5

(57) **Abstract**: Techniques for supporting communication in a heterogeneous network are described. In an aspect, communication in a dominant interference scenario may be supported by reserving subframes for a weaker base station observing high interference from a strong interfering base station. In another aspect, interference due to a first reference signal from a first station (e.g., a base station) may be mitigated by canceling the interference at a second station (e.g., a UE) or by selecting different resources for sending a second reference signal by the second station (e.g., another base station) to avoid collision with the first reference signal. In yet another aspect, a relay may transmit in an MBSFN mode in subframes that it listens to a macro base station and in a regular mode in subframes that it transmits to UEs. In yet another aspect, a station may transmit more TDM control symbols than a dominant interferer.

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