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(54) Title: COLLISION AVOIDANCE OF HALF-DUPLEX RESOURCE SELECTION

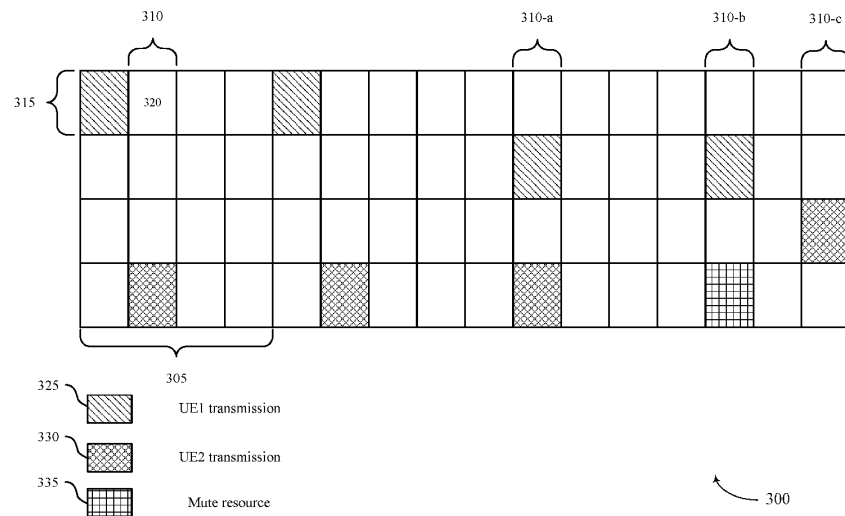


FIG. 3

(57) Abstract: A user equipment (UE) and another device (e.g., another UE) may transmit messages on a shared channel accessed in a half-duplex manner (e.g., within a vehicle-to-everything (V2X) network). The UE and the other device may transmit messages on semi-persistently scheduled (SPS) resources. A message of the UE and a transmission of the other device may collide (e.g., be transmitted in the same subframe). The UE may employ muting and measuring, in which the UE may refrain from transmitting on a SPS resource and may detect the transmission of the other device. Upon detection of other transmissions, the UE may perform resource reselection. During resource selection or resource reselection, the UE may exclude an entire subframe of candidate resources if one of the candidate resources of the subframe is mapped to a resource associated with a transmission from another device.

[Continued on next page]

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