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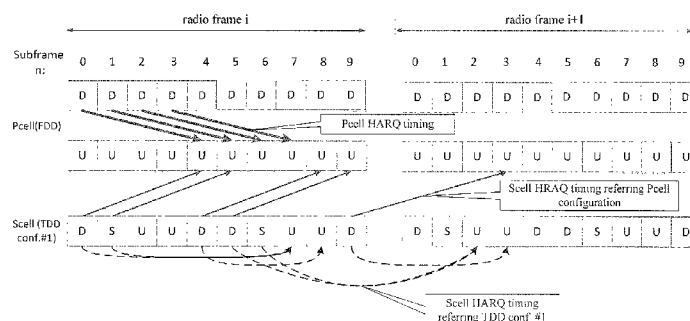


FIG. 7

(57) Abstract: Methods and apparatuses for determining HARQ timing in a communication system supporting Carrier Aggregation (CA) are provided. A method for receiving, at a BS, a HARQ feedback from a UE in a communication system supporting CA of a Pcell and at least one Scell is provided. The Pcell and Scell support either FDD or TDD. The method comprises: transmitting a downlink physical channel through one of the Pcell and Scell; receiving the HARQ feedback corresponding to the downlink physical channel of the Pcell at a first timing predetermined for the Pcell; and receiving the HARQ feedback corresponding to the downlink physical channel of the Scell at a second timing. The second timing is determined according to one or more of duplex modes of the Pcell and the Scell, a scheduling mode of the Scell, and predefined rules.