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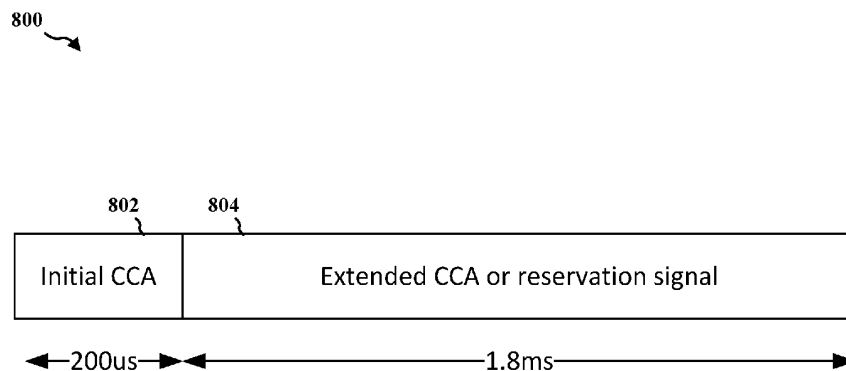


FIG. 8

(57) Abstract: A method and apparatus for wireless communication in the unlicensed spectrum between an eNB and UEs having different bandwidths, e.g., between a narrowband UE and a wideband eNB. A base station apparatus may perform a dual CCA procedure for a frame, wherein the dual CCA procedure comprises a first type of CCA procedure followed by a second type of CCA procedure when the first type of CCA procedure is unsuccessful. The apparatus may transmit during the frame when at least one CCA procedure of the dual CCA procedure is successful and may refrain from transmitting during the frame when both CCA procedures of the dual CCA procedure are unsuccessful. In performing the dual CCA procedure, the apparatus may perform CCA for a first period of time then perform eCCA for a second period of time following the CCA, when the CCA is unsuccessful.

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