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(54) Title: WIRELESS COMMUNICATION BETWEEN WIDEBAND ENB AND NARROWBAND UE

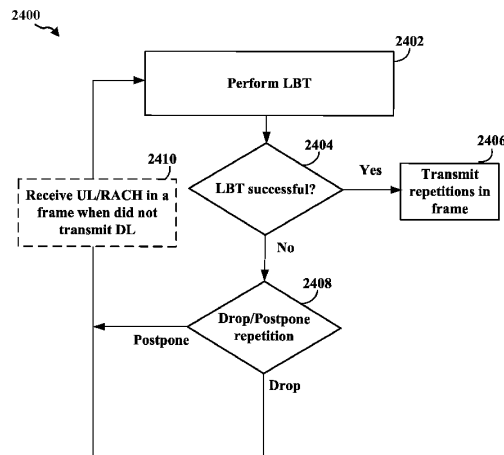


FIG. 24

(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 performs an LBT procedure at a beginning of frames and transmits a plurality of repetitions of a transmission. When the plurality of repetitions span multiple frames and the LBT procedure is not successful for a first frame, the base station drops or postpones at least one repetition in the first frame until a second frame when the LBT procedure is successful. A UE receives the plurality of repetitions and may combine a plurality of repetitions across multiple frames. The UE may determine whether the base station drops the at least one repetition in the first frame or postpones the at least one repetition in the first frame until a second frame.

[Continued on next page]

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