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(54) Title: METHOD AND APPARATUS FOR STORING LOG LIKELIHOOD RATIOS IN INTERLEAVED FORM TO REDUCE HARDWARE MEMORY

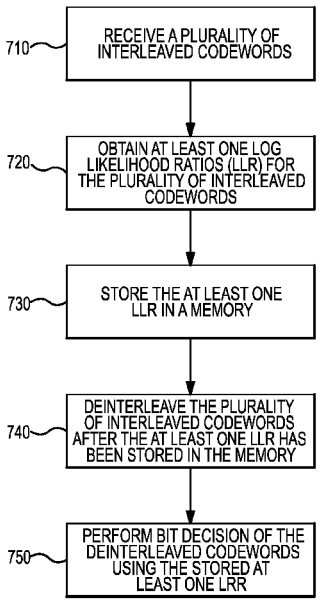


FIG.7

(57) Abstract: An apparatus and method for storing log likelihood ratios in an interleaved form comprising receiving a plurality of interleaved codewords (710); obtaining at least one log likelihood ratio (LLR) for the plurality of interleaved codewords (720); storing the at least one LLR in a memory (730); deinterleaving the plurality of interleaved codewords after the at least one LLR has been stored in the memory (740); and performing a bit decision of the deinterleaved codewords using the stored at least one LLR (750).

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