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(54) Title: TEMPLATE-BASED INTRA MODE DERIVATION WITH WIDE ANGLE INTRA PREDICTION

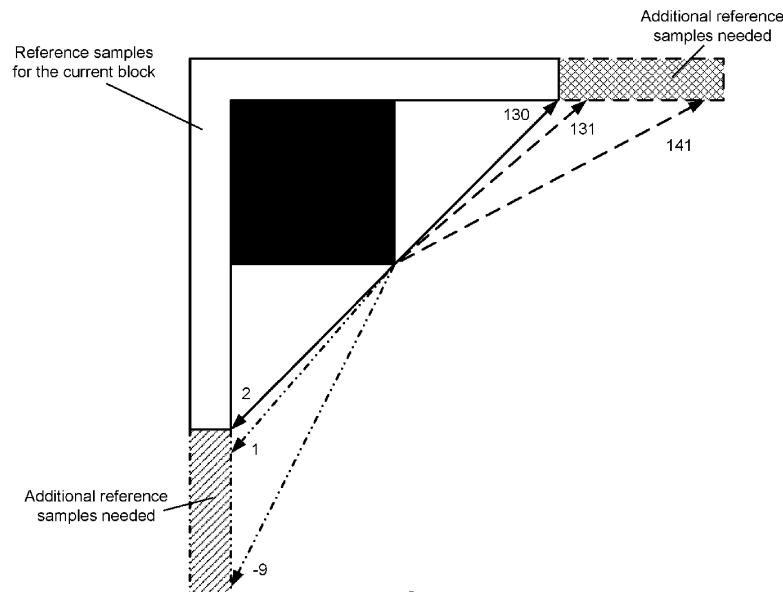


FIG. 13

(57) Abstract: Systems, methods, and instrumentalities are disclosed for performing video coding to derive intra prediction modes for predicting a current block using TIMD with wide-angle intra prediction (WAIP). A most probable mode (MPM) list associated with a current block may be obtained. A test list of intra prediction modes may be determined from the MPM list. A first intra prediction mode may be tested, and the first intra prediction mode may be excluded from the test list or disallowed to be tested due to WAIP substitution. A prediction for the current block may be generated based on the tested intra prediction mode. The current block may be decoded using the prediction.

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