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(54) Title: ADJUSTMENT BASED LOCAL ILLUMINATION COMPENSATION

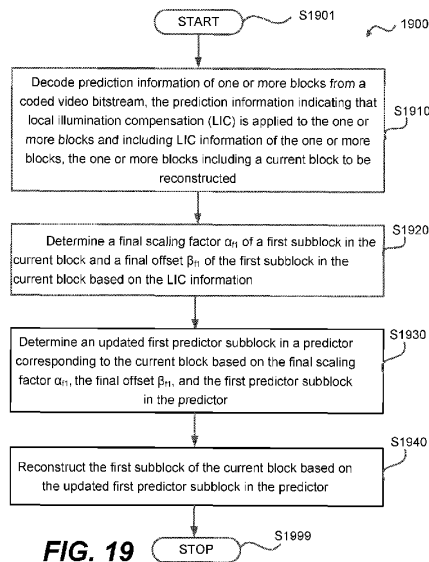


FIG. 19

(57) Abstract: Aspects of the disclosure provide a method and an apparatus for video decoding. The apparatus includes processing circuitry that decodes prediction information of one or more blocks including a current block from a coded video bitstream. The prediction information indicates that local illumination compensation (LIC) is applied to the one or more blocks and includes LIC information of the one or more blocks. The processing circuitry determines a final scaling factor α_{fi} and a final offset β_{fi} of a first subblock in the current block based on the LIC information. The processing circuitry determines an updated first predictor subblock in a predictor corresponding to the current block based on the final scaling factor α_{fi} , the final offset β_{fi} , and the first predictor subblock. An updated value of a first sample in the first predictor subblock is equal to $\alpha_{fi} \times p_{i1} + \beta_{fi}$. p_{i1} is a value of the first sample.

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