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(54) Title: RESIDUAL AND COEFFICIENTS CODING FOR VIDEO CODING

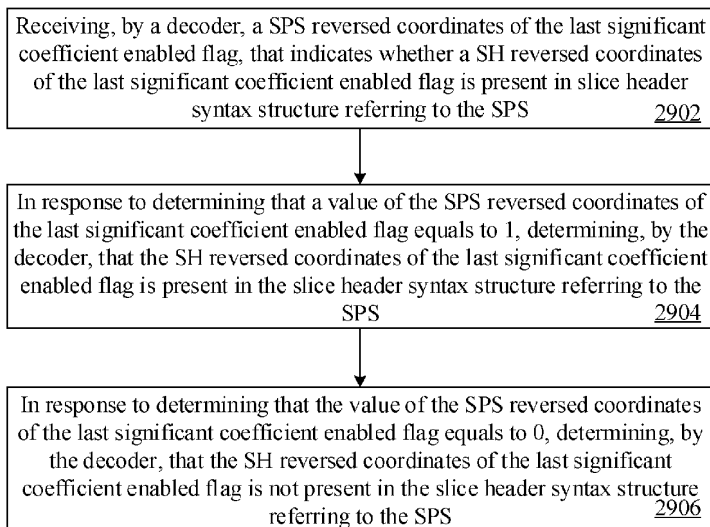


FIG. 19

(57) Abstract: Methods, apparatuses, and non-transitory computer-readable storage mediums are provided for video decoding. In one method, a decoder receives a Sequence Parameter Set (SPS) coefficient enabled flag that indicates whether a slice header (SH) coefficient enabled flag is present in slice header syntax structure referring to the SPS. In a second method, the decoder may receive a Sequence Parameter Set (SPS) transform precision adaption enabled flag that indicates whether downshifts in a scaling process for transform coefficients and in a transformation process for scaled transform coefficients are adaptively assigned by examining coefficients values of dequantization and inverse transform.

[Continued on next page]

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