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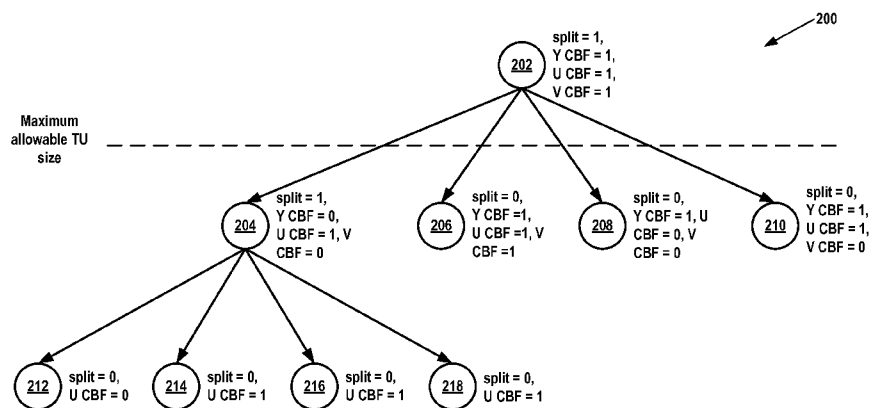
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ATTN: International IP Administration, 5775 Morehouse
Drive, San Diego, California 92121-1714 (US).(72) Inventors: **GUO, Liwei**; 5775 Morehouse Drive, San
Diego, California 92121 (US). **WANG, Xianglin**; 5775
Morehouse Drive, San Diego, California 92121 (US).
KARCZEWICZ, Marta; 5775 Morehouse Drive, San
Diego, California 92121 (US).(74) Agent: **VREDEVELD, Albert W.**; Shumaker and Sieffert,
P.A., 1625 Radio Drive, Suite 300, Woodbury, Minnesota
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(54) Title: CODED BLOCK FLAG CODING



(57) **Abstract:** A video encoder generates a bitstream that includes a residual quad tree (RQT) for a coding unit (CU). The CU is larger than a maximum-allowable transform unit (TU) size and the RQT includes a hierarchy of nodes. A root node of the RQT corresponds to the CU as a whole and leaf nodes of the RQT correspond to TUs of the CU. The root node is associated with a coded block flag (CBF) for a chroma component. The CBF for the chroma component indicates whether any of the TUs of the CU are associated with a significant coefficient block that is based on samples of the particular chroma component. A video decoder receives the bitstream and determines, based on the CBF, whether coefficient blocks associated with TUs that correspond to the leaf nodes include non-zero coefficients.