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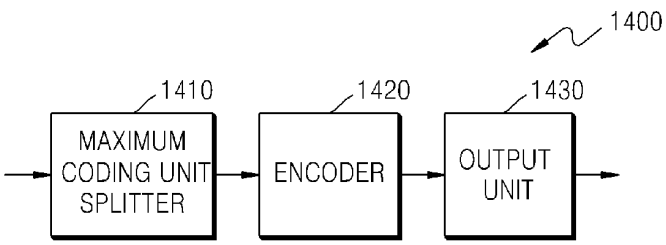
(54) METHOD AND APPARATUS FOR ENCODING VIDEO BY PREDICTION USING ASYMMETRIC PARTITION TYPES, AND COMPUTER-READABLE STORAGE MEDIUM FOR STORING A GENERATED BITSTREAM

(57) Disclosed is a method and apparatus of encoding a video, the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit, with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios, and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

【Figure 16】



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