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- (71) Applicant: **HUAWEI TECHNOLOGIES CO., LTD.**
[CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (72) Inventors: **MA, Xiang**; Huawei E1 Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
YANG, Haitao; Huawei E1 Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (74) Agent: **LEADER PATENT & TRADEMARK FIRM**;
8F-6, Bldg. A, Winland International Center, No. 32 Xizhimen North Street, Haidian District, Beijing 100082 (CN).
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(54) Title: ENCODER, DECODER AND CORRESPONDING METHODS AND APPARATUS

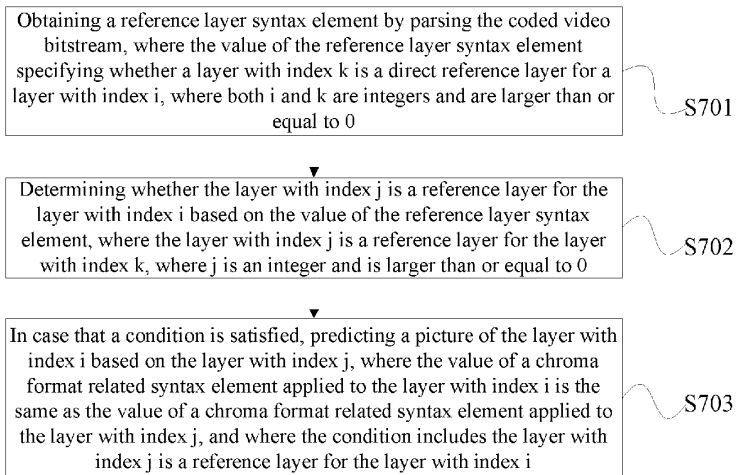


FIG. 7

(57) Abstract: The present disclosure provides a method for decoding a coded video bitstream, the method comprising: obtaining a reference layer syntax element by parsing the coded video bitstream, wherein the value of the reference layer syntax element specifying whether a layer with index k is a direct reference layer for a layer with index i, wherein both i and k are integers and are larger than or equal to 0; determining whether the layer with index j is a reference layer for the layer with index i based on the value of the reference layer syntax element, wherein the layer with index j is a reference layer for the layer with index k, wherein j is an integer and is larger than or equal to 0; and in case that a condition is satisfied, predicting a picture of the layer with index i based on the layer with index j, wherein the value of a chroma format related syntax element applied to the layer with index i is the same as the value of a chroma format related syntax element applied to the layer with index j, and wherein the condition comprises the layer with index j is a reference layer for the layer with index i.

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