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(54) Title: IMPROVED ATTRIBUTE SUPPORT IN POINT CLOUD CODING

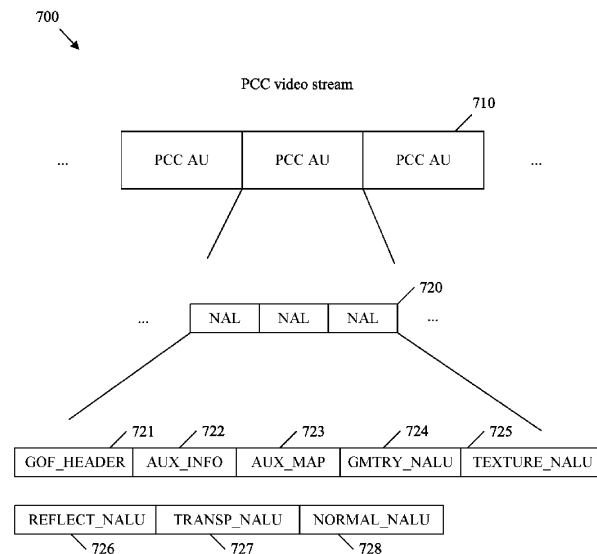


FIG. 7

(57) Abstract: A video coding mechanism is disclosed. The mechanism includes receiving a bitstream comprising a plurality of coded sequences of point cloud coding (PCC) frames, wherein the plurality of coded sequences of PCC frames represent a plurality of PCC attributes including geometry, texture, and one or more of reflectance, transparency, and normal. Each coded PCC frame is represented by one or more PCC network abstraction layer (NAL) units. The mechanism also includes parsing the bitstream to obtain an indication for each of the PCC NAL units that indicates whether each of the PCC NAL units belongs to a corresponding one of the PCC attributes, and to which of the PCC attributes the PCC NAL unit belongs when the PCC NAL unit belongs to the corresponding PCC attribute. The mechanism also includes decoding the bitstream based on the indications.

[Continued on next page]

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