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(54) Title: METHOD OF INTRA PREDICTING A BLOCK OF A PICTURE

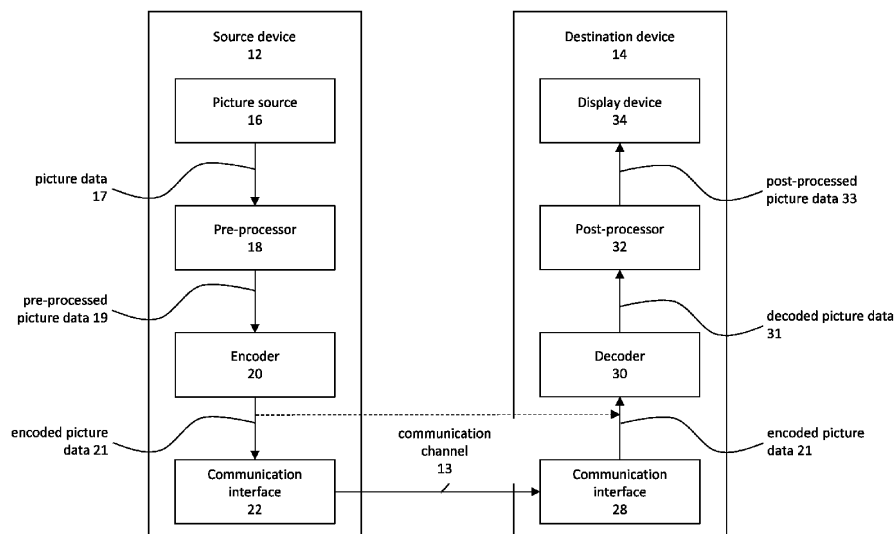


Fig. 1A

(57) Abstract: The present disclosure provides methods and devices of intra predicting a block of a picture. The method comprises for a sample of the block: obtaining a predicted sample value from one or more reference sample values by intra-prediction using a DC intra-prediction mode; multiplying the predicted sample value by a sample weighting factor, resulting in a weighted predicted sample value; adding an additional value to the weighted predicted sample value, resulting in a non-normalized predicted sample value; and normalizing the non-normalized predicted sample value by an arithmetic right shift of an integer representation of the non-normalized predicted sample value, wherein the sample weighting factor is $((2^{<p>-<p>p}) \cdot w_L \cdot w_T)$, wherein p is a parameter of the sample weighting factor, w_L is a horizontal weighting factor, and w_T is a vertical weighting factor.

[Continued on next page]

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