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(54) Title: METHOD AND APPARATUS FOR MOTION COMPENSATION PREDICTION

(57) Abstract: The invention relates to a motion compensation performed under an inter-frame prediction. A fractional sample interpolation is applied on retrieved samples to generate fractional samples. The fractional sample interpolation comprises a plurality of filtering operations, and all of filtered results from the filtering operations are truncated down to a predetermined bit depth independent of the bit depth of the samples stored in the reference picture memory.

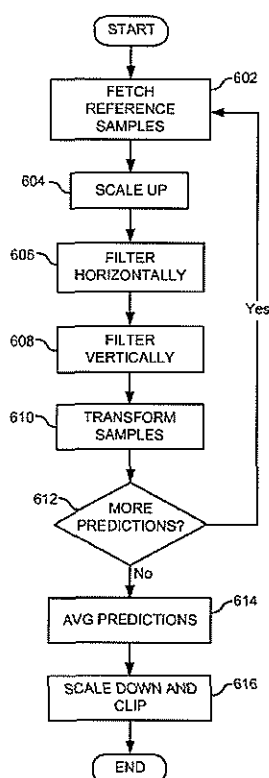


Fig. 6



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