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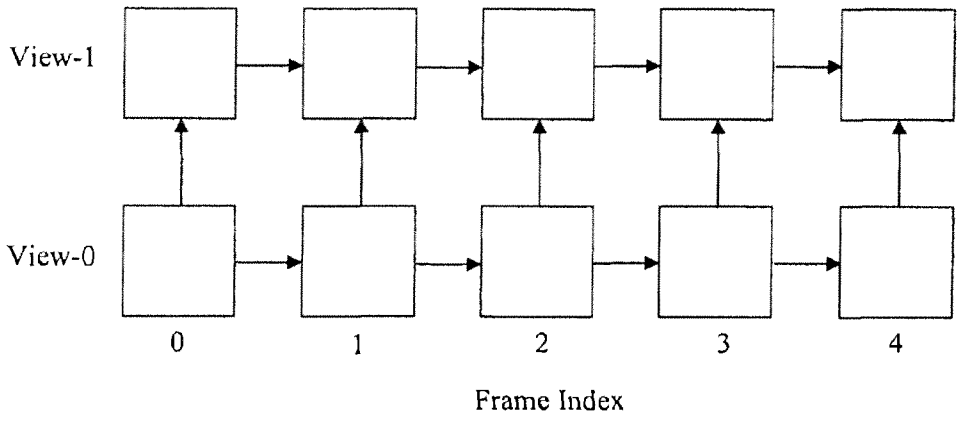
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(54) **Title:** SYSTEM AND METHOD FOR USING PARALLELLY DECODABLE SLICES FOR MULTI-VIEW VIDEO CODING




(57) **Abstract:** A system and method for enabling parallel decoder implementation for different views, even when there are existing dependencies between views. In various embodiments of the present invention, information is signaled to a decoder that slices are coded using certain constraints, so that parallel decoding of slices is possible. This signaling can be performed at a sequence parameter set level, or it could be performed at picture parameter set level, slice header level or macroblock header level. Additionally, the delay between various views is also signaled to the decoder, at the same location as the constraint information in various embodiments. Various algorithms can also be used to improve the coding efficiency of the system.

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