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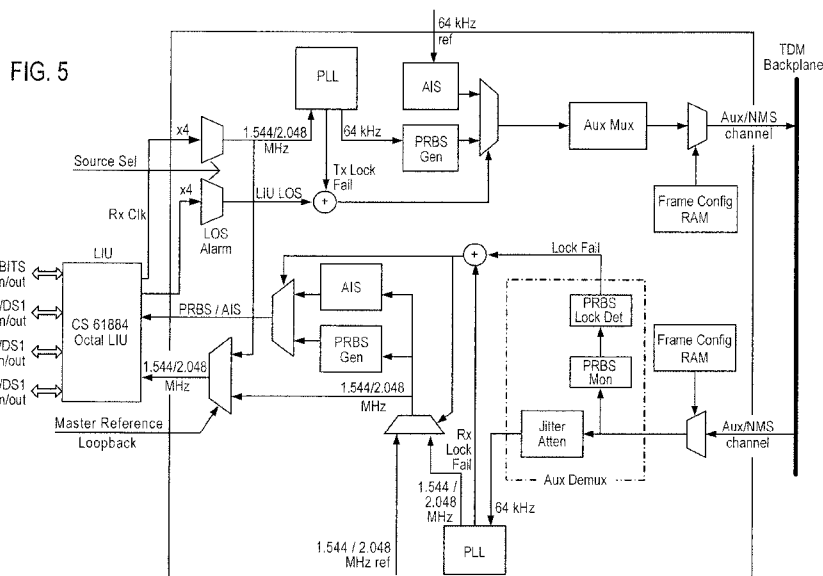
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(54) Title: SYNCHRONIZATION DISTRIBUTION IN MICROWAVE BACKHAUL NETWORKS



(57) Abstract: In some embodiments, a system comprises a clock, a root node, a radio channel network, and first and second child nodes. The clock may be configured to generate a clock signal. The root node may be configured to generate a first frame including a first payload and a first overhead and generate a second frame including a second payload and a second overhead. The first and second overheads may comprise a synchronization value based on the clock signal. The radio channel network may be in communication with the root node for transmitting the first and second frames. Each first and second child nodes may be configured to perform clock recovery including frequency synchronization using the synchronization value and a respective phase-lock loop.