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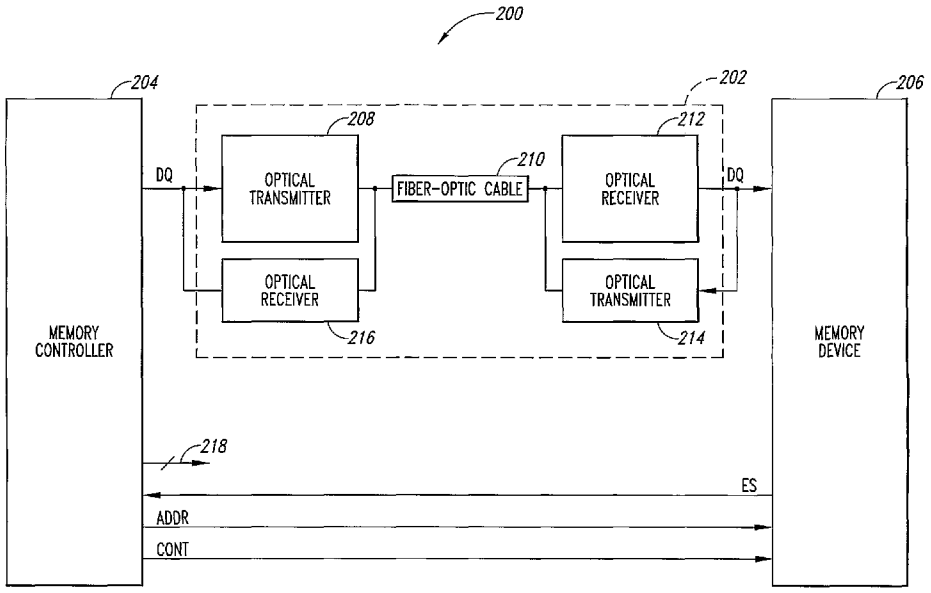
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(54) Title: DYNAMIC SYNCHRONIZATION OF DATA CAPTURE ON AN OPTICAL OR OTHER HIGH SPEED COMMUNICATIONS LINK



(57) **Abstract:** A method and system that dynamically adjusts link control parameters of a communications network. The communications network includes a transmitter coupled through a first data link to a receiver. The transmitter and receiver each have at least one associated link control parameter that affects the operation of that component. According to one method, data signals are transmitted over the first data link and the transmitted data signals are captured. The values of the captured data signals are compared to expected values for those signals, and the values of the link control parameters are adjusted to successfully capture the transmitted digital signals.

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