

U.S. Patent No. 7,809,996 – Claim Listing

'996 Patent Claim No.	Claim Language
20[pre]	A transmission system comprising:
20[a]	a transmission channel to carry data between a transmitter and a receiver/decoder, each communicatively interfaced with the transmission channel;
20[b]	a transmission error value monitor communicatively interfaced with the receiver/decoder to periodically monitor for transmission error values indicative of impulse noise events on the transmission channel,
20[c]	wherein the transmission error values are periodically monitored after training and initialization on the receiver/decoder,
20[d]	the transmission error values being selected from a group comprising: a bit error rate, errored seconds, errored minutes, code violations over a fixed period of time, Signal-to-Noise Ratio (SNR) measured at the receiver/decoder, and Transmission Control Protocol and Internet Protocol (TCP/IP) throughput,
20[e]	and wherein the transmission error value monitor to further generate an input signal based on the transmission error values monitored; and
20[f]	a controller coupled with the transmitter to receive the input signal from the transmission error value monitor and to further generate a retransmission overhead control signal for the transmitter in response to the input signal.