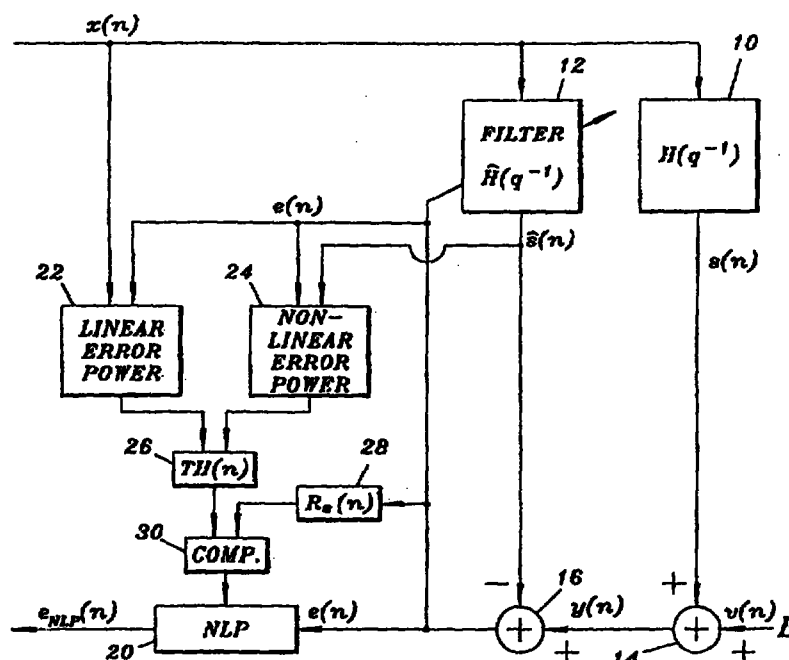


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(57) Abstract

An echo canceller determines a dynamic threshold ($TH(n)$) that depends on a non-linear error power estimate (24), and preferably also a linear error power estimate (22). A residual power estimate (28) of a residual signal ($e(n)$) is compared to this dynamic threshold. The residual signal is attenuated in a non-linear processor (20) if the residual power estimate falls below the dynamic threshold.