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(54) Title: SYSTEMS AND METHODS FOR IN-LINE INTERFERENCE DETECTION IN POINT-TO-POINT RADIO LINKS

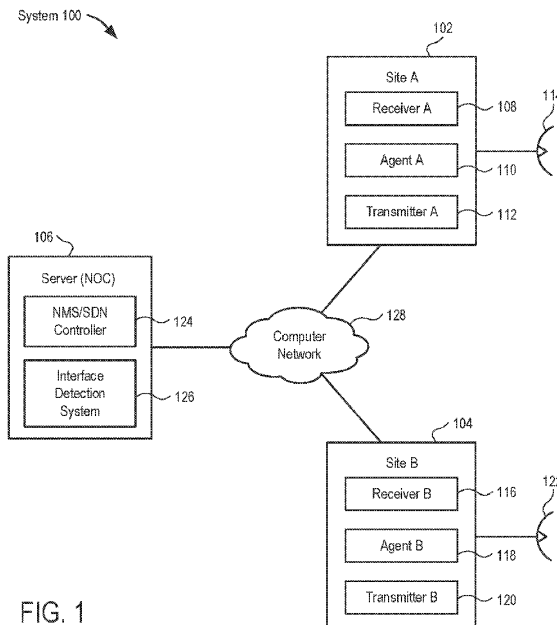


FIG. 1

(57) Abstract: An interference detection system comprises memory storing computer instructions to cause a processor to perform gathering a temporal snapshot of radio parameter values associated with a first site of a PTP radio system, the radio parameter values including at least a receive signal level (RSL) value and at least one other radio parameter value correlated with signal degradation; determining whether the RSL value is greater than an RSL threshold; determining whether the other radio parameter value indicates a threshold level of signal degradation; when the RSL is greater than the RSL threshold and the other parameter indicates a threshold level of signal degradation during the temporal snapshot, determining that external interference is present during the temporal snapshot; when the RSL is not greater than the RSL threshold, determining that the external interference is not present; and performing a responsive action to a determination of the external interference being likely present.

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