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(54) **Title:** A DEDICATED AUDIT PORT FOR IMPLEMENTING RECOVERABILITY IN OUTPUTTING AUDIT DATA

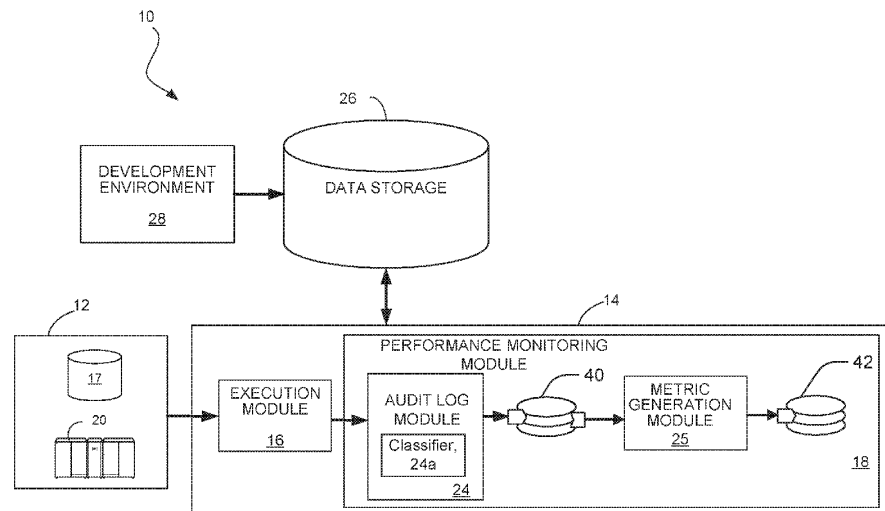


FIG. 1

(57) **Abstract:** A method implemented by a data processing system including: executing a dataflow graph that includes the plurality of components and the links, with a given component of the plurality including an input port, an audit port and an output port; processing, by the dataflow graph with the components and the links, the one or more data records representing the transaction, wherein the at least one of the components saves a state specifying one or more input records that are processed by the at least one of the components; when an error occurs during processing of one or more input records by the given component, restoring a state of the at least one of the components to the saved state; and based on the restored state, recovering at least some of the audit data for the given component of the dataflow graph.

[Continued on next page]

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