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(54) **Title:** DATABASE UPDATES INDUCED COMMUNICATION IN A COMMUNICATION NETWORK

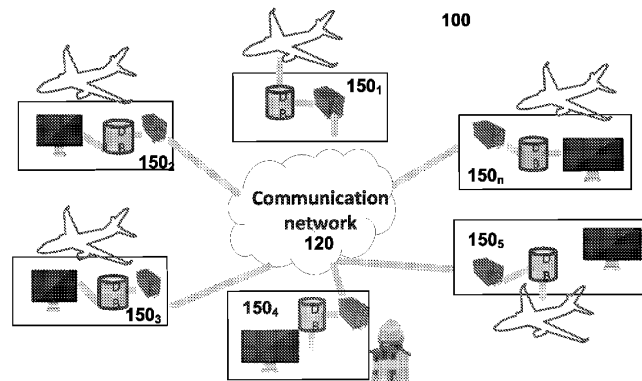


FIG. 1

(57) **Abstract:** According to the subject matter disclosed herein, an application running on a network communication subsystem is assigned with at least one respective database, where data inputs received by the application induce a database update in the respective database. A database update automatically induces packaging of the updated data in a network message followed by transmission of the message to one or more other network communication subsystems connected to the same network. Likewise, in the other direction, an incoming network data-update message, received by the network communication subsystem, initiates a chain of events that cause a database update, which may ultimately affect the data provided to an application running at the application layer.

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