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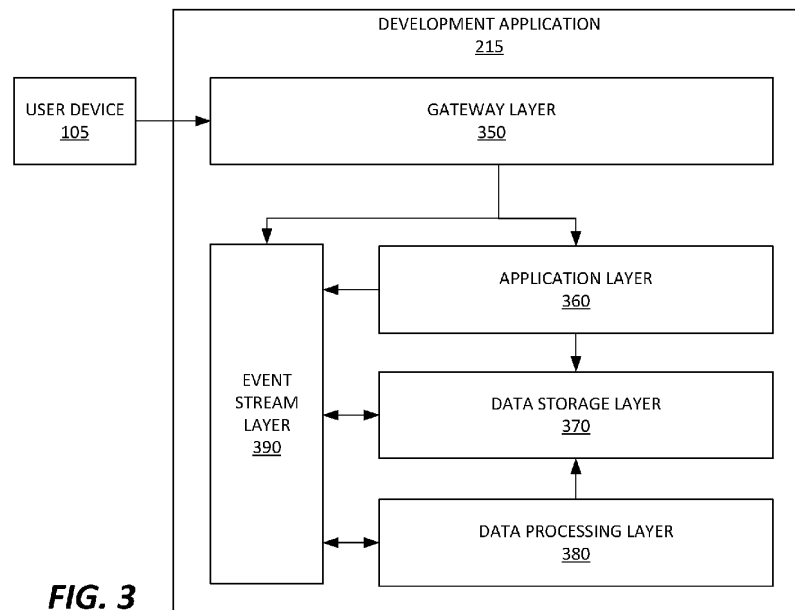


FIG. 3

(57) **Abstract:** Systems and methods for providing a development application having a tiered application pattern. One system includes an electronic processor configured to, with a gateway layer, receive and route a request to an application layer. In response to receiving the request from the gateway layer, the electronic processor is also configured to, with the application layer, perform application functionality corresponding to a function associated with the request. The application functionality includes generating an application event. The electronic processor is configured to receive, with an event stream layer, the application event from the application layer. The electronic processor is configured to, with the data processing layer, access the application event and process the application event. The electronic processor is configured to transmit, with the data processing layer, the processed application event to a data storage layer.

[Continued on next page]

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