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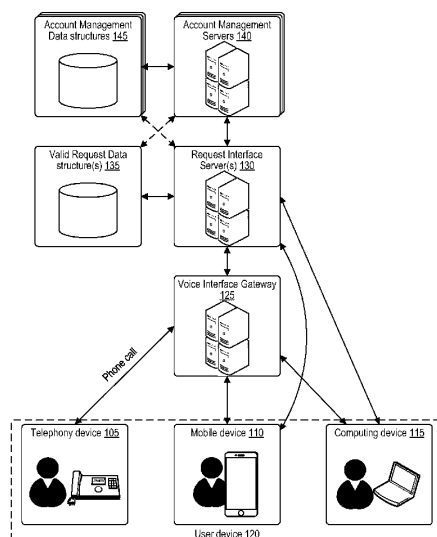
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(54) **Title:** CONTEXT-SENSITIVE CONVERSATIONAL INTERFACE

FIG. 1



(57) **Abstract:** A context-aware account management system is described. The system receives a partial request and parses the partial request to identify one or more characters in the partial request. The system determines a plurality of valid requests that include the one or more characters, for instance in response to querying one or more data structures and/or generating the valid requests using a trained machine learning model. The system generates a suggested request by selecting one of the plurality of valid requests, and in some cases, by identifying valid values for variables within the selected one of the plurality of valid requests by querying one or more data structures and/or generating the valid values using a trained machine learning model. The system outputs the suggested request and receives a confirmation in response. The system performs an action using a user account indicated by the suggested request.

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