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(54) Title: AUTOFILLING DATA BASED ON ACCOUNT AUTHENTICATION USING A CONTACTLESS CARD

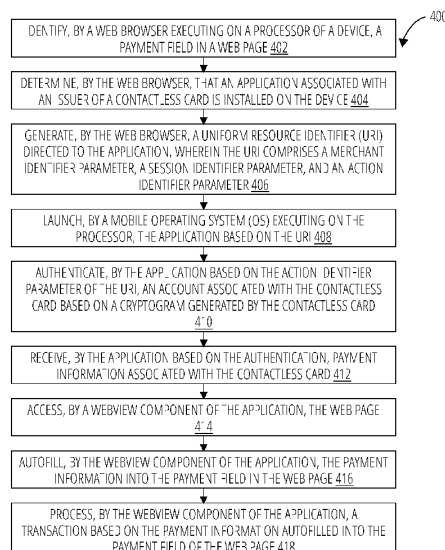


FIG. 4

(57) Abstract: Techniques to autofill data. A web browser may detect a payment field in a web page and determine that an application associated with a contactless card is installed on a device. The browser may generate a uniform resource identifier (URI) directed to the application. The URI may include a merchant identifier, a session identifier, and an action identifier as parameters. A mobile operating system may launch the application based on the URI. The application may authenticate, based on the action identifier parameter of the URI, an account associated with the contactless card based on a cryptogram generated by the contactless card. The application may receive, based on the authentication, payment information associated with the contactless card. A WebView component of the application may access the web page and autofill the payment information into the payment field. The WebView component may then process a transaction based on the autofilled payment information.