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(54) Title: SYSTEM AND METHOD FOR A NETWORK AUTHENTICATION WITH DEVICE LEVEL AUTHENTICATION CONTROLS

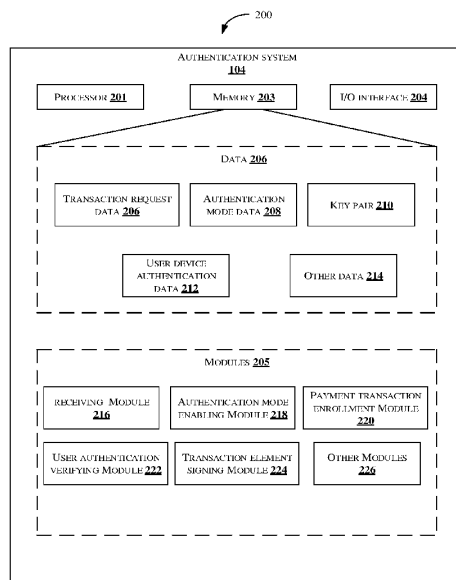


FIG.2

(57) Abstract: A system and method for network authentication using device level authentication controls. The method comprises receiving a first payment transaction request from a user device. In response to receiving the consent, the method comprises, enabling the authentication mode for the user to perform an authentication using the selected authentication mode and generating a key pair for linking with the enabled authentication mode for further authentication of the user device in one or more further transaction requests. The method further comprises generating an enrolment completion message and executing the first payment transaction request upon successful signing using the linked key pair. In this manner, the present disclosure may be configured to utilize device authentication data as a part of network authentication risk checks leading to providing a more secure way of completing a transaction.

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