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(54) Title: SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS PROVIDING AN IDENTITY-STORING BROWSER

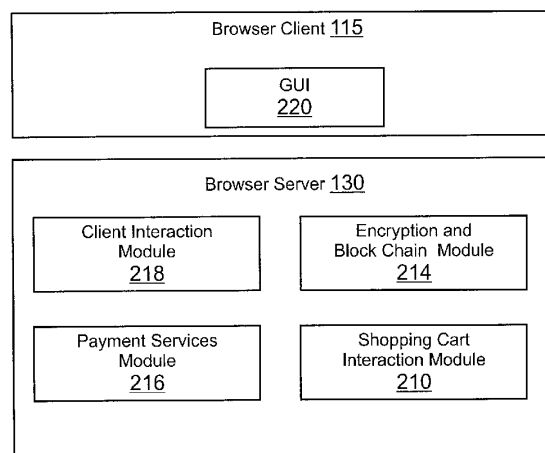


FIG. 2

(57) Abstract: A method includes: communicating data from a browser, operating on a computing device, to an electronic shopping cart during a transaction; receiving user-authenticating data from a user interface of the computing device; decrypting secure user data stored to the computing device; authenticating a user based on the user-authenticating data and the decrypted secure user data; in response to authenticating the user, transmitting an indication of payment from the browser to the electronic shopping cart; processing the transaction after transmitting the indication of payment; and recording the transaction in a blockchain stored on the computing device.

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