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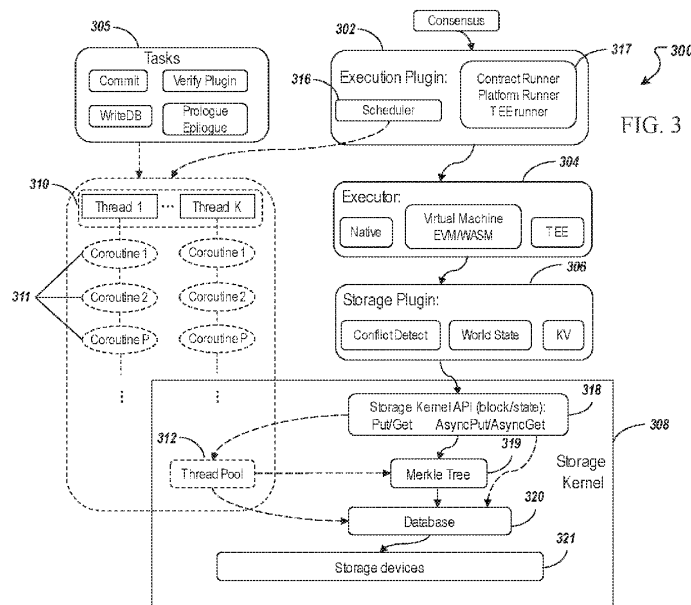
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(54) Title: BLOCKCHAIN TRANSACTION PROCESSING SYSTEMS AND METHODS



(57) Abstract: Disclosed herein are methods, systems, and apparatus, including computer programs encoded on computer storage media, for processing blockchain transactions. One of the methods includes receiving M blockchain transactions and executing N blockchain transactions out of the M blockchain transactions using K threads of a first thread pool in parallel. A second thread pool is dedicated for accessing blockchain data stored in a storage system. For blockchain transactions distributed to each one of the K threads, one or more coroutines are used for each blockchain transaction so that the blockchain transactions are executed asynchronously using the coroutines. A blockchain block is generated to include the M blockchain transactions and added to a blockchain stored in the storage system.

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