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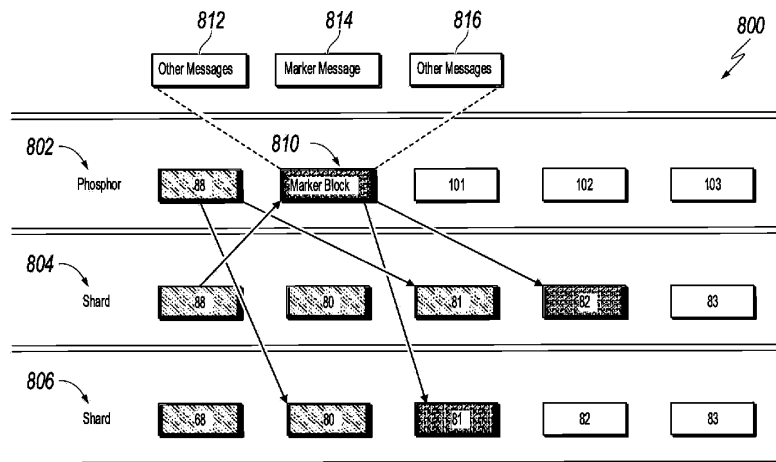


FIG. 8

(57) Abstract: Disclosed herein are methods, systems, and apparatus, including computer programs encoded on computer storage media, for blockchain data storage. One of the methods includes sending a marker message from a first blockchain node in a first shard of a blockchain network to a second blockchain node in a phosphor of the blockchain network, receiving a marker block from the second blockchain node, wherein the maker block is associated with the phosphor and includes the marker message, creating a first block associated with the first shard that includes a block associated with the phosphor that immediately precedes the marker block, creating a second block associated with the first shard that includes the marker block, generating, during creation of the second block associated with the first shard, a snapshot of state information corresponding to a newest block associated with the first shard, and storing the snapshot of the state information.

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