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(54) Title: SYSTEM AND METHOD FOR BLOCKCHAIN-BASED DATA SYNCHRONIZATION

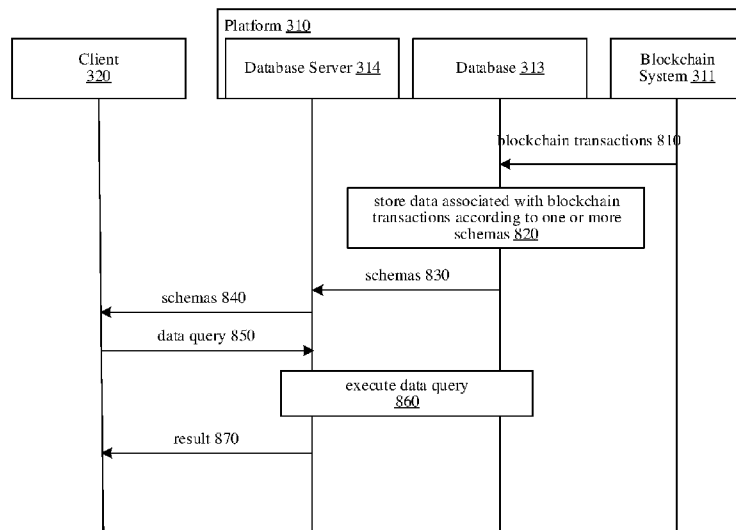
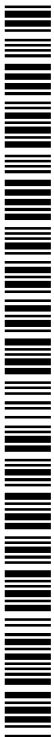


FIG.8

(57) Abstract: Methods, systems, and apparatus, including computer programs encoded on computer storage media, for blockchain-based data synchronization, are provided. One of the methods includes: obtaining, from one or more blockchain nodes associated with a blockchain, data associated with a plurality of blockchain transactions recorded in one or more blocks of the blockchain; storing the obtained data in one or more data stores, wherein the storing comprises organizing the obtained data according to one or more schemas, at least one of the one or more schemas being different from a data structure of the blockchain; receiving, from a client device, a data query based on one of the one or more schemas; executing the data query on the data in the one or more data stores to obtain a result; and sending, to the client device, a response comprising the obtained result.



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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) G06F; H04L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CNABS; CNTXT; CNKI; VEN; WOTXT; EPTXT; USTXT: blockchain, store, save, schema, structure, format, different, other, query, result, response, height, category		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 109726206 A (BAIDU ONLINE NETWORK TECHNOLOGY BEIJING CO LTD) 07 May 2019 (2019-05-07) the whole document	1-16
A	CN 109766389 A (UNIV EAST CHINA NORMAL) 17 May 2019 (2019-05-17) the whole document	1-16
A	CN 107992492 A (CHINA MOBILE GROUP DESIGN INST etc.) 04 May 2018 (2018-05-04) the whole document	1-16
A	US 2019311392 A1 (AMERICAN EXPRESS TRAVEL RELATED SERVICES CO INC) 10 October 2019 (2019-10-10) the whole document	1-16
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Name and mailing address of the ISA/CN National Intellectual Property Administration, PRC 6, Xitucheng Rd., Jimen Bridge, Haidian District, Beijing 100088 China Facsimile No. (86-10)62019451		Authorized officer Cao, Yuhua Telephone No. 86-(010)-62412272

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Information on patent family members

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CN	109726206	A	07 May 2019	None			
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