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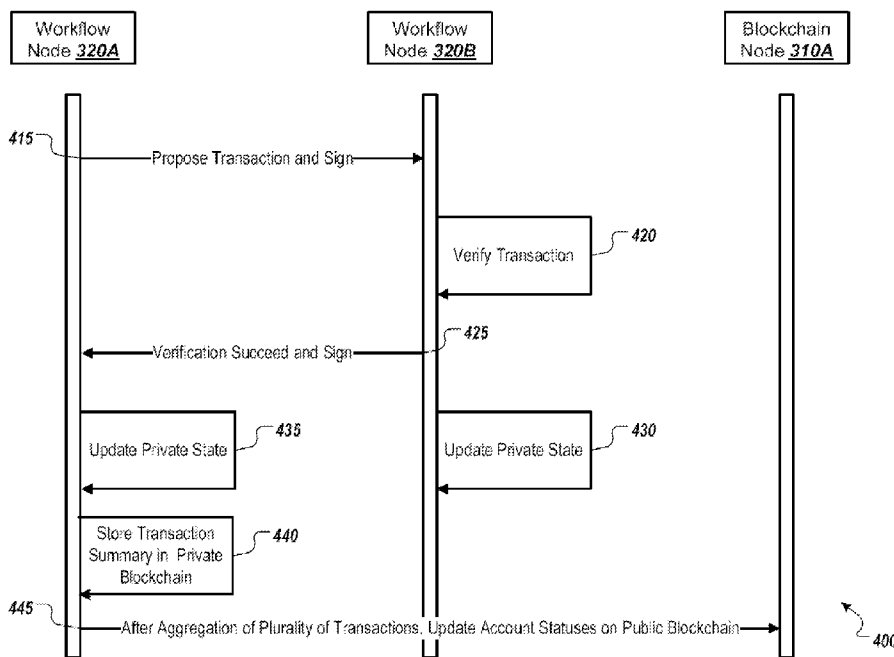


FIG. 4

(57) Abstract: Implementations of the present specification include receiving a request to perform a private transaction associated with at least one account; in response to receiving the request, performing, by a workflow node, the private transaction; in response to performing the private transaction, generating, by the workflow node, a representation of the private transaction configured to be accessible only to entities that are authorized to access the private transaction; storing, in a private blockchain, the representation of the private transaction; generating, by the workflow node, an account record for the at least one account associated with the private transaction based at least in part on the private transaction, wherein the account record is configured to be accessible to at least one entity that is not authorized to access the representation of the private transaction in the private blockchain; and storing, in a public blockchain, the account record.



GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) G06Q; 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;DWPI;SIPOABS: blockchain, isolation, transaction, node, store, private blockchain, public blockchain, security		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 108154367 A (ZHISHULIANWANG TECHNOLOGY CHENGDU CO LTD) 12 June 2018 (2018-06-12) claim 1	1-19
X	CN 108805656 A (BEIJING JINGDONG CENTURY TRADING CO LTD ETC.) 13 November 2018 (2018-11-13) paragraph [0121]	1-19
A	CN 105488675 A (BUBI BEIJING NETWORK TECHNOLOGY CO LTD) 13 April 2016 (2016-04-13) all documents	1-19
A	CN 108805568 A (QUARK CHAIN TECHNOLOGY SHENZHEN CO LTD) 13 November 2018 (2018-11-13) all documents	1-19
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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report	Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN 108154367 A	12 June 2018	None	
CN 108805656 A	13 November 2018	None	
CN 105488675 A	13 April 2016	None	
CN 108805568 A	13 November 2018	None	