

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
22 May 2020 (22.05.2020)



(10) International Publication Number
WO 2020/102606 A1

(51) International Patent Classification:

G06Q 20/38 (2012.01) G06Q 20/36 (2012.01)
G06F 19/28 (2011.01) G06Q 20/40 (2012.01)
G06Q 20/00 (2012.01)

(21) International Application Number:

PCT/US2019/061570

(22) International Filing Date:

14 November 2019 (14.11.2019)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

16/191,892 15 November 2018 (15.11.2018) US

(71) Applicant: **PAYPAL, INC.** [US/US]; 2211 North First Street, San Jose, California 95131 (US).

(72) Inventor: **SARIN, Pankaj**; 2211 North First Street, San Jose, California 95131 (US).

DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, 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).

Published:

— with international search report (Art. 21(3))

(74) Agent: **CHEN, Tom**; HAYNES AND BOONE, LLP, 2323 Victory Avenue, Suite 700, Dallas, Texas 75219 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,

(54) Title: SYSTEM AND METHOD FOR OPTIMIZING DATA WRITING TO A BLOCKCHAIN

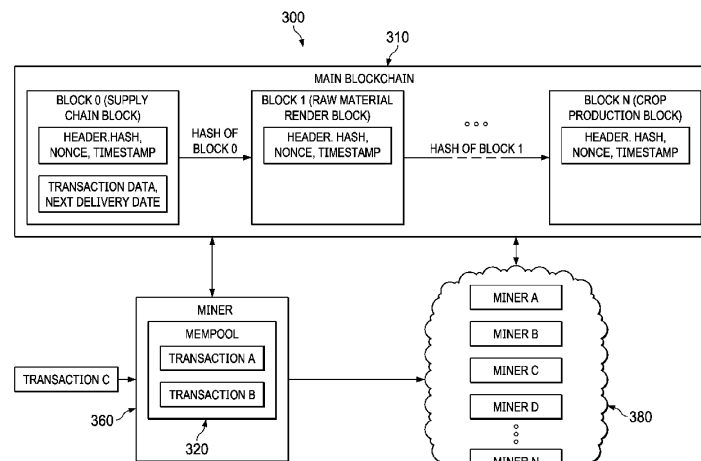


Fig. 4

(57) Abstract: A mempool of a miner of a blockchain system is accessed. The mempool contains at least a first transaction and a second transaction. A determination is made that the first transaction and the second transaction are related to each other. In response to the determination, the first transaction and the second transaction are linked. The linking of the first and second transactions comprises aggregating data associated with the first transaction and the second transaction into an aggregated data set. The aggregated data set is written into a single block of the blockchain system.

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