

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 December 2021 (30.12.2021)



(10) International Publication Number
WO 2021/262089 A1

(51) International Patent Classification:

G06Q 20/38 (2012.01) G06Q 20/20 (2012.01)
G06Q 40/04 (2012.01)

(21) International Application Number:

PCT/SG2021/050282

(22) International Filing Date:

24 May 2021 (24.05.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

16/946,493 24 June 2020 (24.06.2020) US

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(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, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, 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,

(54) Title: METHOD AND SYSTEM FOR MERCHANT ACCEPTANCE OF CRYPTOCURRENCY VIA PAYMENT RAILS

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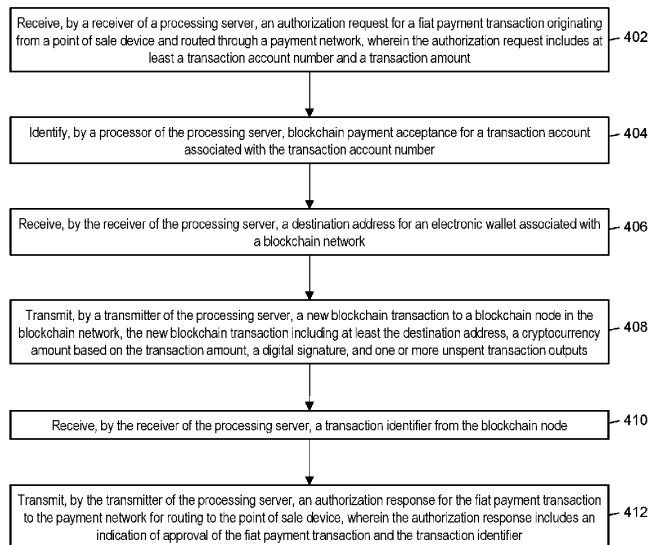


FIG. 4

(57) Abstract: A method for acceptance of blockchain payment at a traditional point of sale device through issuer processing includes: receiving an authorization request for a fiat payment transaction originating from a point of sale device and routed through a payment network, the authorization request including a transaction account number and transaction amount; identifying blockchain payment acceptance for a transaction account associated with the transaction account number; receiving a destination address for an electronic wallet associated with a blockchain network; transmitting a new blockchain transaction to a blockchain node in the blockchain network including the destination address and a cryptocurrency amount based on the transaction amount; receiving a transaction identifier from the blockchain node; and transmitting an authorization response for the fiat payment transaction to the payment network for routing to the point of sale device including an indication of approval of the fiat payment transaction and the transaction identifier.

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SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*