



(51) International Patent Classification:
G06Q 20/36 (2012.01) *H04L 9/08* (2006.01)
G06Q 20/06 (2012.01)

(21) International Application Number:
PCT/US2021/042325

(22) International Filing Date:
20 July 2021 (20.07.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
17/005,484 28 August 2020 (28.08.2020) US

(71) Applicant: **MASTERCARD INTERNATIONAL INCORPORATED** [US/US]; 2000 Purchase Street, Purchase, NY 10577 (US).

(72) Inventors: **HUANG, Donghao**; 12 Keppel Bay Drive, #03-14 Caribbean At, Keppel Bay, Singapore 098641 (SG). **GUAN, Hancong**; 52a Hume Ave #09-03, Singapore 596230 (SG). **RAVINATHAN, Srinath**; 980b Buangkok Crescent, #03-77, Singapore 532980 (SG). **AHMAD, Mohammed, Sadiq**; 2985 Vittoria Loop, Dublin, CA 94568 (US). **DHAMODHARAN, Rajasekaran**; 860 Crestview Drive, San Carlos, CA 94070 (US). **DAVIS, Steven, C.**; 128 Glenallen Drive, Saint Peters, MO 63376 (US). **YADAV, Rakesh**; 7 Penwood Circle, Cape Elizabeth, ME 04107 (US). **LE CALLONNEC, Sebastien**; 94 Charlesland Park, Greystones, Co. Wicklow (IE). **FLEMING, David, James**; 1 Yachtsmans Point, Wicklow Town (IE).

(74) Agent: **DOBBYN, Colm, J.**; Mastercard International Incorporated, 2000 Purchase Street, Purchase, NY 10577 (US).

(54) Title: METHOD AND SYSTEM FOR REGULATION OF BLOCKCHAIN TRANSACTIONS

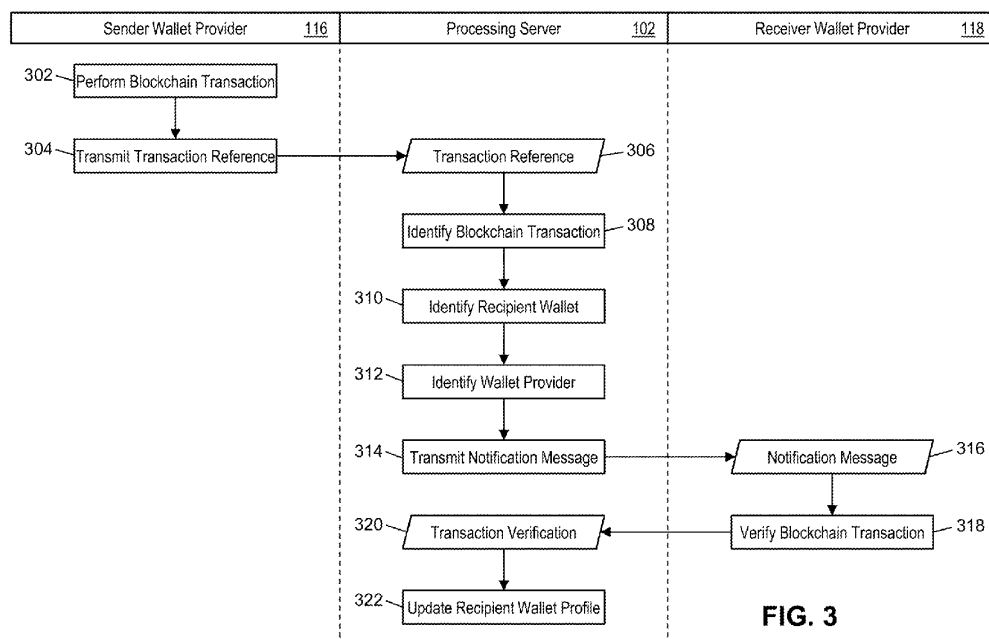


FIG. 3

(57) Abstract: A method for assisting wallet providers in regulatory compliance for blockchain transactions includes: receiving, by a receiver of a processing server, a new blockchain transaction from a first computing device, the new blockchain including at least a destination address associated with a blockchain wallet as a recipient for the new blockchain transaction; generating, by a processor of the processing server, a reference identifier for the new blockchain transaction; identifying, by the processor of the processing server, a profile for the blockchain wallet based on the destination address; transmitting, by a transmitter of the processing server, the reference identifier to the first computing device; and transmitting, by the transmitter of the processing server, a notification message to a second computing device, the notification message including at least the reference identifier and data associated with the blockchain wallet.

[Continued on next page]

(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, 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))