

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
29 July 2021 (29.07.2021)



(10) International Publication Number
WO 2021/150218 A1

(51) International Patent Classification:

G06Q 20/02 (2012.01) G06Q 20/38 (2012.01)
G06Q 20/10 (2012.01) H04L 9/08 (2006.01)
G06Q 20/22 (2012.01)

(21) International Application Number:

PCT/US2020/014564

(22) International Filing Date:

22 January 2020 (22.01.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant: VISA INTERNATIONAL SERVICE
ASSOCIATION [US/US]; P.O. Box 8999, San Francisco,
California 94128 (US).

(72) Inventors: BHASIN, Gurpreet, Singh; 4205 Mowry
Ave., Apt. 31, Fremont, California 94538 (US). NAYAK,
Saswat, Kumar; 285 Richfield Dr., Apt. # 11, San Jose, US
95129 (US).

(74) Agent: PREPELKA, Nathan, J. et al.; The Webb Law
Firm, One Gateway Center, 420 Ft. Duquesne Blvd., Suite
1200, Pittsburgh, Pennsylvania 15222 (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,
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, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

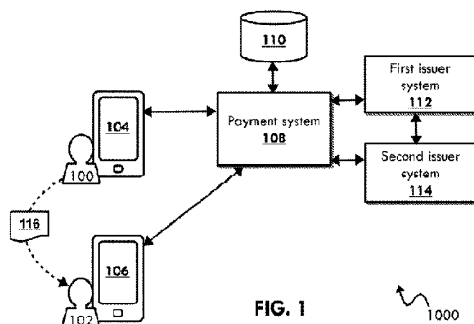
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

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))

(54) Title: SYSTEM AND METHOD FOR REVOCABLE PEER-TO-PEER PAYMENTS



(57) Abstract: A method, system, and computer program product is provided for revocable peer-to-peer payments. The method includes generating an asymmetric key pair comprising a first key and a second key, encrypting at least a portion of the peer-to-peer payment data with the first key to generate encrypted payment data, storing the encrypted payment data, communicating the second key to a first device associated with the first user, receiving the second key from a second device associated with the second user, decrypting the encrypted payment data based on the second key received from the second device, and processing the payment from the first account to the second account based on decrypting the encrypted payment data.