

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
24 May 2018 (24.05.2018)



(10) International Publication Number
WO 2018/094297 A2

(51) International Patent Classification:
G06F 15/173 (2006.01)

(21) International Application Number:
PCT/US2017/062436

(22) International Filing Date:
18 November 2017 (18.11.2017)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/424,465 19 November 2016 (19.11.2016) US

(71) Applicant: **COSTANZ, Mario A** [US/US]; 175 Huguenot
Street, Suite 200, New Rochelle, NY 10801 (US).

(72) Inventor: **MARIN, Gustavo Manuel Damil**; 1685 H
Street, Suite 255, Blaine, WA 98230 (US).

(74) Agent: **MARIN, Gustavo**; Marin Patents LP, 1685 H
Street, #255, Blaine, WA 98230 (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, 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:

— *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*

(54) Title: SYSTEM AND METHOD FOR INTERACTION OBJECT RECONCILIATION IN A PUBLIC LEDGER BLOCKCHAIN ENVIRONMENT

(57) Abstract: A system and method for block reconciliation of interactions comprising a network-connected block reconciliation computer connected to a plurality of connected devices and to one or more blockchains to enable an object compiler to receive a plurality of criteria from a requesting device. The compiler receives a plurality of blocks from the public ledger blockchains based on the criteria. Each block corresponding to a preconfigured interaction object previously written by devices either during or after the completion of a transaction. The compiler analyzes the preconfigured interaction objects to determine if there is corresponding supplemental object. The compiler requests the supplemental blocks from the blockchains, and processes supplemental objects based on type, if no corresponding supplemental object is found, the associated interaction object is flagged.



WO 2018/094297 A2