

Diego Gonzalez

1) Family number: 62057023 (US2016098723A)

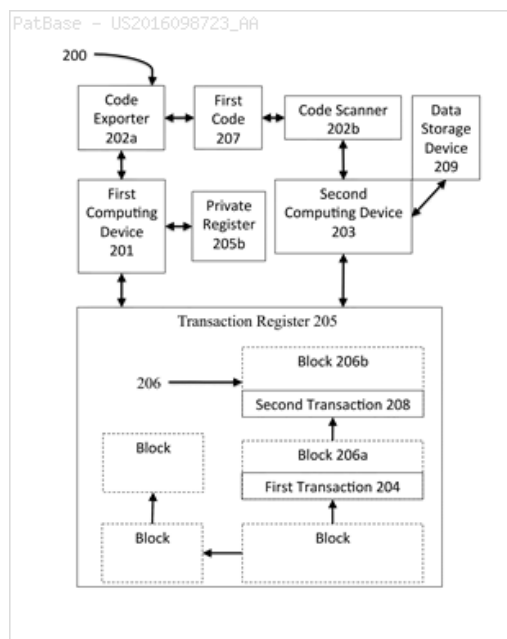
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Title: SYSTEM AND METHOD FOR BLOCK-CHAIN VERIFICATION OF GOODS

Abstract: A method for block-chain verification of goods includes scanning, by a computing device, using a code scanner, an address from a code affixed to a product, verifying, by the computing device, that the address is associated with a cryptocurrency transaction recorded at a transaction register, obtaining, by the computing device, at least one current transaction datum, and determining, based on the verification and the at least one current transaction datum, that the product is authentic.

Classifications:

International (IPC 8-9): G06Q20/06 G06Q20/38 G06Q20/40 G06Q30/00 (Advanced/Invention)
CPC: G06Q20/4016 G06Q30/0185 G06Q2220/10 G06Q20/3825 G06Q20/3829 G06Q20/065 G06Q2220/00 G06Q20/20 G07G1/0036
US: 705/71 705/75



Family:

Publication number	Publication date	Application number	Application date
US2016098723 AA	20160407	US20140563179	20141208
US2016098730 AA	20160407	US20140504356	20141001

Priority:

US20140504356 20141001 US20140563179 20141208

Probable Assignee: FILING CABINET LLC

Assignee(s): (std): FILING CABINET LLC

Inventor(s): (std): FEENEY PATRICK JOSEPH

2) Family number: 68807143 (WO18044282A1)

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Title: BIOMETRIC IDENTIFICATION AND VERIFICATION AMONG IOT DEVICES AND APPLICATIONS

Abstract: One embodiment of the invention is directed to a computer- implemented method comprising, receiving a first request that includes a token associated with a first computing device to utilize a shared resource implemented by a federated network of computing devices. The method further comprises identifying that the first computing device is an unknown entity based in part on the token and one or more signature used to sign the token. The method further comprises transmitting, to a trust management system, a second request to authenticate the first computing device using the token. The method further comprises, receiving an authentication message that verifies the first computing device within an open trust network. The authentication message may be generated in response to the trust management system communicating with a plurality of registrar computers in the open trust network about the signatures associated with the token.

Classifications:

International (IPC 8-9): H04L29/08 H04L9/32 (Advanced/Invention)
International (IPC 1-7): H04L29/08 H04L9/32
CPC: G06F21/32 H04L63/0861 H04L9/3231 H04L9/3236 H04L2209/38 G06F21/44 H04L9/3213 H04L67/16

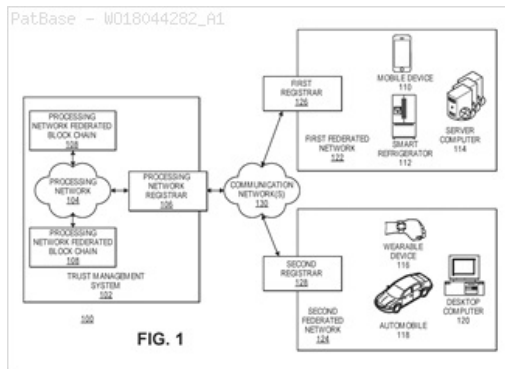


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AU2016421889 AA	20181206	AU20160421889	20160830
BR112018077471 A2	20190402	BR20181177471	20160830
CA3026227 AA	20181130	CA20163026227	20160830
CN109691014 A	20190426	CN201680088815	20160830
KR20190039077 A	20190410	KR20197000971	20160830
SG11201810431P A1	20181228	SG20181110431	20160830
WO18044282 A1	20180308	WO2016US49522	20160830

Priority:

WO2016US49522 20160830

Probable Assignee: VISA INT SERVICE ASS**Assignee(s):** (std): VISA INT SERVICE ASS ; VISA INT SERVICE ASSOCIATION**Assignee(s):** WANG QUAN**Inventor(s):** (std): WANG QUAN**Inventor(s):** QUAN WANG**Agent(s):** FPA PATENT ATTORNEYS PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; JOHNSON FRANK L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 68880248 (US2018077147A)

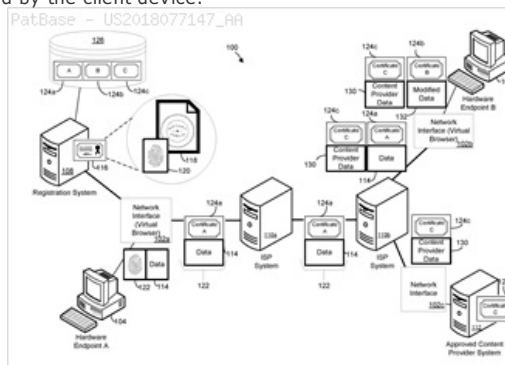
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Title: ATTRIBUTED NETWORK ENABLED BY SEARCH AND RETREIVAL OF PRIVITY DATA FROM A REGISTRY AND PACKAGING OF THE PRIVITY DATA INTO A DIGITAL REGISTRATION CERTIFICATE FOR ATTRIBUTING THE DATA OF THE ATTRIBUTED NETWORK

Abstract: Methods and systems generate an attributed network for tracing transmitted data that is attributable to a user. A digital registration certificate includes an identity marker and a verified privacy marker. The digital registration certificate is registered with an immutable entry in a registry, with the immutable entry also storing the identity marker and referencing the verified privacy marker, and with retrieval of the digital registration certificate being required to access the attributed network. A client device requests to access the attributed network, and the systems and methods authenticate a user of the client device by verifying biometric login data as matching the identity marker included in the immutable entry in the registry. The digital registration certificate is obtained from the registry. A virtual browser configured for accessing the attributed network packages the digital registration certificate with data specified by the client device.

Classifications:**International (IPC 8-9):** H04L29/06 H04L9/32 (Advanced/Invention)**CPC:** H04L63/0823 H04L63/0861 H04L9/3263 H04L63/04

H04L63/0428 H04L63/126 H04L9/3231

**Family:**

Publication number	Publication date	Application number	Application date
US2018077147 AA	20180315	US20170701159	20170911

Priority:

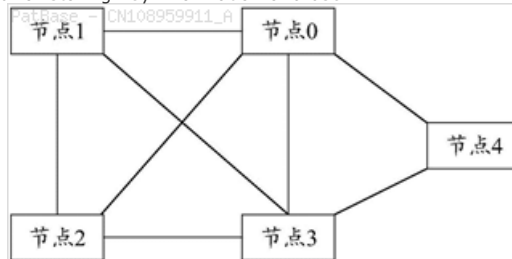
US20160394652P 20160914

US20170701159 20170911

Probable Assignee: KELSEY HERB**Assignee(s):** (std): KELSEY HERB**Inventor(s):** (std): KELSEY HERB

Title: KEY CHAIN GENERATION AND VERIFICATION METHOD AND DEVICE THEREOF

Abstract: The invention discloses a key chain generation and verification method and a device thereof. The key chain generation comprises the following steps: a node server obtains a key storage request of a user, wherein the key storage request comprises user identity information, key information, application system address information and biological verification information, the key information is used for the user to log in the application system corresponding to the address information of the application system; the node server adds the biometric authentication information into the noise to obtain the biometric encrypted information; wherein the biometric encryption information is used for verifying the biometric authentication information input by the user before acquiring the key information; the node server constructs the key information and the bio-encryption information into a new block in a key chain according to a consensus algorithm, and records the address of the new block, and the address mapping relationship between the user identity information and the application system address information, wherein the key chain is used for storing key information of a user.

Classifications:**International (IPC 8-9):** G06F21/32 G06F21/46 (Advanced/Invention)**CPC:** G06F21/46 G06F21/32**Family:**

Publication number	Publication date	Application number	Application date
CN108959911 A	20181207	CN201810614679	20180614

Priority:

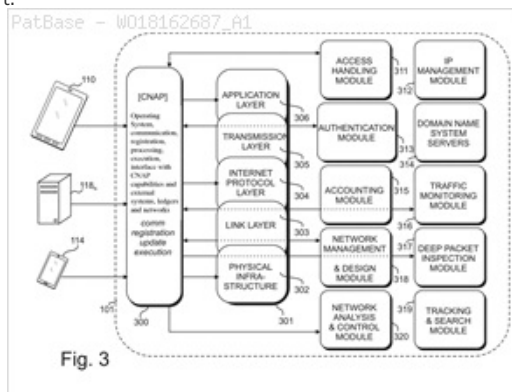
CN201810614679 20180614

Probable Assignee: UNION MOBILE PAY CO LTD**Assignee(s): (std):** UNION MOBILE PAY CO LTD**Assignee(s):** UMPAY TECHNOLOGY CO LTD ; UNION MOBILE PAY CO**Inventor(s): (std):** FANG YANAN ; GAO RUIZE**Title:** CORE NETWORK ACCESS PROVIDER

Abstract: A computer-implemented method of providing nodes, such as data structures and devices, with access to a network is disclosed, and a corresponding network architecture. At least one core network access provider controls real time access to the network across the layers of a protocol stack for the network, and sequentially assigns a network communication address to the or each access-requesting node. The assigned network address is encoded with a unique parameter of the node and a unique parameter of the node user, in a sequential identifier ledger which is distributed in real time to all of the network-connected nodes. Each node processes the ledger to verify its sequential integrity and, upon determining a sequential integrity loss, the ledger record causing the loss is identified and an alert comprising the identified record is broadcast to the nodes across the network. The core network access provider cancels network access for the node to which the network communication address corresponding to the identified ledger record was assigned, upon either identifying the ledger record at the verifying step or receiving an alert.

Classifications:**International (IPC 8-9):** G06F21/30 G06F21/60 G06F21/62

G06F21/64 H04L29/06 H04L29/12 H04L9/32 (Advanced/Invention)

CPC: H04L63/0876 G06F21/30 G06F21/604 G06F21/62 G06F21/64 H04L9/3236 H04L61/2076 H04L2209/38**Family:**

Publication number	Publication date	Application number	Application date
WO18162687 A1	20180913	WO2018EP55846	20180308

Priority:

EP20170160170 20170309

Probable Assignee: GULBRANDSEN MAGNUS SKRAASTAD**Assignee(s): (std):** GULBRANDSEN MAGNUS SKRAASTAD**Inventor(s): (std):** GULBRANDSEN MAGNUS**Inventor(s):** GULBRANDSEN MAGNUS SKRAASTAD**Agent(s):** REEDY ORLAITH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG

6) Family number: 67078440 (US2017279801A)

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Title: SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION

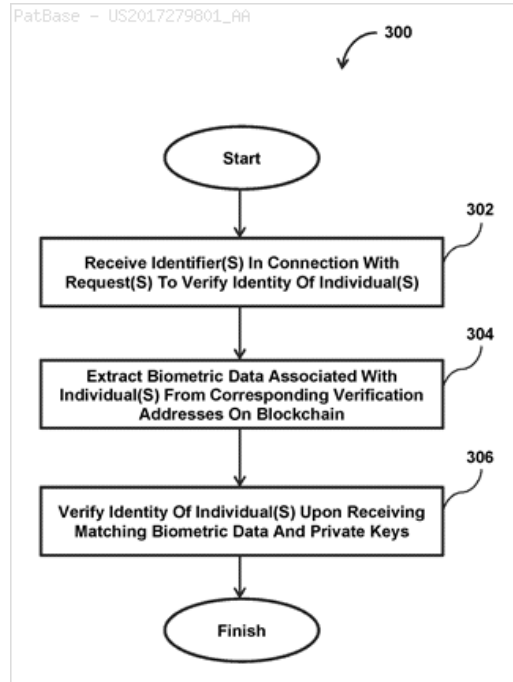
Abstract: Block chain-based multifactor personal identity verification may be provided. Verification addresses may be established on a block chain by: associating identifiers with individuals having previously verified personal identities, assigning verification addresses on a block chain to the individuals, and recording identifiers and biometric data associated with the individuals at corresponding verification addresses. Block chain-based multifactor personal identity verification using the verification addresses may be performed by: receiving one or more identifiers in connection with one or more requests to verify an identity of one or more individuals, extracting the biometric data associated with the one or more individuals from the corresponding verification addresses, and verifying the identity of the one or more individuals upon receiving matching biometric data and private keys.

Classifications:

International (IPC 8-9): G06F G06F16/00 G06F16/20 G06F17/30
G06F21/00 G06F21/32 G06F21/33 G06F21/40 G06F21/41 G06F21/64
G06Q20/36 G06Q20/38 G06Q20/40 G6Q20/36 G6Q20/38 H04L
H04L29/06 H04L29/08 H04L9/32 (Advanced/Invention);
G06F21/32 G06Q20/06 G06Q20/40 (Advanced/Non-invention);
G06F (Subclass/Invention)

International (IPC 1-7): G06F17/30

CPC: H04L63/0861 G06F21/32 G06Q20/065 G06Q20/40145
H04L9/3231 H04L2463/102 G06F21/35 G06Q20/3827 G06Q20/3829
H04L29/06 H04L63/00 H04L63/08 H04L2463/082 G06F16/00

**Family:**

Publication number	Publication date	Application number	Application date
AU2016400090 AA	20180607	AU20160400090	20160329
AU2016400090 BB	20181108	AU20160400090	20160329
AU2018100477 AD	20180510	AU20180100477	20180413
AU2018236721 AA	20181018	AU20180236721	20180925
AU2018236721 BB	20190124	AU20180236721	20180925
AU2018236722 AA	20181018	AU20180236722	20180925
AU2018236723 AA	20181018	AU20180236723	20180925
AU2018236747 AA	20181018	AU20180236747	20180926
BR112018070088 A2	20181218	BR20181170088	20160329
BR112018070091 A2	20190205	BR20181170091	20160329
BR112018070093 A2	20190205	BR20181170093	20160329
BR112018070095 A2	20190205	BR20181170095	20160329
BR112018070096 A2	20190205	BR20181170096	20160329
CA3006587 AA	20180525	CA20163006587	20160329
CL2018002724 A1	20190222	CL20180002724	20180926
CN108701136 A	20181023	CN201680081706	20160329
CN109657445 A	20190419	CN201811131854	20160329
CN109657446 A	20190419	CN201811133009	20160329
CN109660500 A	20190419	CN201811131215	20160329
CN109660501 A	20190419	CN201811131873	20160329
CO20180011415 A2	20181130	CO20180011415	20181025
DE112016006077 T5	20181004	DE201611006077T	20160329
DE202016008584 U1	20181004	DE201620008584U	20160329
DE202016008686 U1	20190221	DE201620008686U	20160329
DE202016008687 U1	20190221	DE201620008687U	20160329
DE202016008688 U1	20190221	DE201620008688U	20160329
DE202016008689 U1	20190221	DE201620008689U	20160329
EA201891901 A1	20190329	EA20180091901	20160329
EE201800028 A	20181115	EE20180000028	20160329
EP3400541 A1	20181114	EP20160897290	20160329
EP3400541 A4	20181121	EP20160897290	20160329
EP3483814 A1	20190515	EP20180206468	20160329
EP3483815 A1	20190515	EP20180206477	20160329
EP3483816 A1	20190515	EP20180206522	20160329
EP3483817 A1	20190515	EP20180206524	20160329
ES2692871 AB	20181205	ES20180090049	20160329

ES2692871 R1	20190104	ES20180090049	20160329
GB201808833 A0	20180711	GB20180008833	20160329
GB201815740 A0	20181114	GB20180015740	20160329
GB201815742 A0	20181114	GB20180015742	20160329
GB201815754 A0	20181114	GB20180015754	20160329
GB201815756 A0	20181114	GB20180015756	20160329
GB2561107 A1	20181003	GB20180008833	20160329
GB2564787 A1	20190123	GB20180015740	20160329
GB2567960 A1	20190501	GB20180015754	20160329
HR20181711 A2	20190308	HR20180001711	20181019
ID201812286 A	20181123	ID2018P0007824	20160329
IL261839 A0	20181031	IL20160261839	20160329
IL261839 A1	20190331	IL20160261839	20160329
IL263109 A0	20181231	IL20160263109	20160329
IL264078 A0	20190131	IL20160264078	20160329
IL264079 A0	20190131	IL20160264079	20160329
IN201817022527 A	20181026	IN201817022527	20180615
JP2019057271 A2	20190411	JP20180143775	20180731
JP3220620 U	20190328	JP20180600050U	20160329
KR20180122025 A	20181109	KR20187030963	20160329
KR20180125624 A	20181123	KR20187033150	20160329
KR20180125626 A	20181123	KR20187033161	20160329
KR20180125630 A	20181123	KR20187033177	20160329
KR20180133944 A	20181217	KR20187035609	20160329
MA43326 A1	20181231	MA20160043326	20160329
MX2018010163 A1	20181129	MX20180010163	20160329
NO20181053 A	20180807	NO20180001053	20180807
RU2667801 C1	20180924	RU20180120742	20160329
SE201851298 A1	20181022	SE20180051298	20160329
SG11201804658S A1	20180628	SG20181104658	20160329
TR201811939 T1	20190422	TR20180011939T	20160329
US2017279801 AA	20170928	US20160083241	20160328
US2018255055 AA	20180906	US20180966320	20180430
US2018262493 AA	20180913	US20180978004	20180511
US2019007401 AA	20190103	US20180103666	20180814
US2019007402 AA	20190103	US20180107126	20180821
US2019028471 AA	20190124	US20180138454	20180921
US2019036918 AA	20190131	US20180138359	20180921
US2019036919 AA	20190131	US20180138781	20180921
US9985964 BB	20180529	US20160083241	20160328
US10116657 BB	20181030	US20180966320	20180430
US10182051 BA	20190115	US20180103666	20180814
US10298571 BB	20190521	US20180107126	20180821
US10298572 BB	20190521	US20180138454	20180921
WO17171733 A1	20171005	WO2016US24776	20160329

Priority:

US20160083241	20160328	AU20160400090	20160329	GB20180008833	20160329
DE201611006077T	20160329	DE201611006077T	20160329	DE201611006077T	20160329
DE201611006077T	20160329	CN201680081706	20160329	JP20180002943	20160329
EP20160897290	20160329	WO2016US24776	20160329	AU20180100477	20180413
US20180966320	20180430	US20180978004	20180511	US20180103666	20180814
US20180107126	20180821	US20180138454	20180921	US20180138359	20180921
US20180138781	20180921	AU20180236721	20180925	AU20180236722	20180925
AU20180236723	20180925	AU20180236747	20180926		

Probable Assignee: BLACK GOLD COIN INC

Assignee(s): (std): BLACK GOLD COIN INC ; DOLLEYMORES

Assignee(s): FINTECH FUND FAMILY PARTNERSHIP LTD ; ANDRADE MARCUS ; BLACK GOLD COIN

Inventor(s): (std): ANDRADE MARCUS ; MARCUS ANDRADE ; ENDREJD MARKUS

Agent(s): FB RICE PTY LTD; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; OYEN WIGGS GREEN AND MUTALA LLP; JARRY IP JARRY IP SPA; KRETSCHMANN DENNIS; BETTEN AND RESCH; SALVA JOAN; ACHMAD FATCHY; REINHOLD COHN AND PARTNERS; ARS PATENT; FULYA SUEMERALP; HOFFMAN PATENT GROUP; DAVID L; HOFFMAN DAVID L; SCHICK PHD IAN C ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

7) Family number: 73818450 (CN109560938A)

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Title: Based on biometric identification technology refers to the block chain system (Machine translation)

Abstract: Source: CN109560938A **Machine translation:** The present invention belongs to the field of blocks chain system, especially based on biometric identification technology refers to the block chain system, comprising six logic layer, logic layer 6 respectively, the data layer, network layer, Consensus, excitation layer layer, contract layer and application layer, data layer is mainly responsible for data storage, is the core of the block chain block chain network layer is responsible for the different nodes to secure network communications, block chain, the backbone of the system is the consensus of the layer is a block chain system of the transaction, the transaction verification gaining agreement, a block chain system is the soul, the excitation layer is a block chain each node actively involved in computing resources to participate in block chaining system transactions incentives, contract layer is to each type of script, algorithms to build intelligent contract, a block chain system of business logic. The present invention in each of the logical layer full use of biometric technology for identity authentication, encryption, verification, signature and other various purposes, can guarantee to block chain data, the security of

communications under the premise, to reduce the calculated force requirements, saving block chain requires hardware resources investment and energy consumption.

Classifications:

International (IPC 8-9): H04L29/06 H04L29/08
H04L9/32 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
■ CN109560938 A	20190402	CN201910064426	20190123

Priority:

CN201910064426 20190123

Probable Assignee: GUANGZHOU WEDONE TECHNOLOGY CO LTD

Assignee(s): (std): GUANGZHOU WEDONE TECHNOLOGY CO LTD

8) Family number: 68413592 (KR101812969B)

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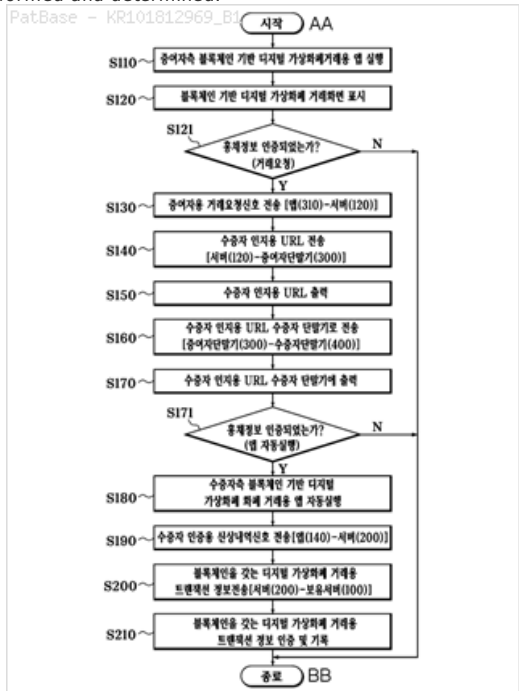
Title: SYSTEM FOR DEALING A DIGITAL CURRENCY WITH BLOCK CHAIN WITH PREVENTING SECURITY AND HACKING

Abstract: The present invention relates to a method for crypto-currency which has no currency issuing body and is in a block chain structure where transmission records on a network are encrypted. According to the present invention, the method includes the steps of: an application executing step (S110) where a giver executes a givers block chain based-digital virtual currency transaction application (310) installed in the givers terminal (300); an information displaying step (S120) where the executed givers block chain based-digital virtual currency transaction application (310) controls the display of a block chain-based digital virtual currency transaction screen (510) stored and managed by an information display unit (301) of the givers terminal (300), wherein the giver is asked for biometric authentication by using iris information, face information, or a fingerprint and/or a finger vein authentication means for identity verification; and an authentication and determination step (S130a) where the biometric authentication is performed and determined.

Classifications:

International (IPC 8-9): G06F21/32 G06K9/00 G06Q20/06
G06Q20/36 G06Q20/38 G06Q20/40 (Advanced/Invention)

CPC: G06Q20/40145 G06F21/32 G06K9/00597 G06Q20/065
G06Q20/3678 G06Q20/38215



Family:

Publication number	Publication date	Application number	Application date
■ KR101812969 B1	20180131	KR20170146426	20171106

Priority:

KR20170146426 20171106

Probable Assignee: ALL IT TOP CO LTD

Assignee(s): (std): ALL IT TOP CO LTD

Assignee(s): HAITI COME TOP CO LTD ; ALL IT TOP CO

Inventor(s): (std): SONG CHUNG JA ; PARK DAE JIN ; KIM WOO KYOUM ; CHOE SEONG HO

Title: METHODS AND SYSTEMS FOR IDENTITY CREATION, VERIFICATION AND MANAGEMENT

Abstract: An embodiment of a method of providing identity services includes: receiving identity data for an individual for which the identity provider has provided an identity; generating a transaction to store an identifier representing the identity data in a data structure on a blockchain of a distributed system; sending the transaction to at least one node of the distributed system; and generating an identity token incorporating the identifier representing the identity data. An embodiment of a method of verifying an identity includes: receiving data extracted from the identity token, wherein the extracted data includes an identifier representing the identity data; determining whether a data structure containing the extracted identifier representing the identity data is stored on a blockchain of a distributed system; and outputting an indication of a validity of an identity associated with the identity data based on the determination.

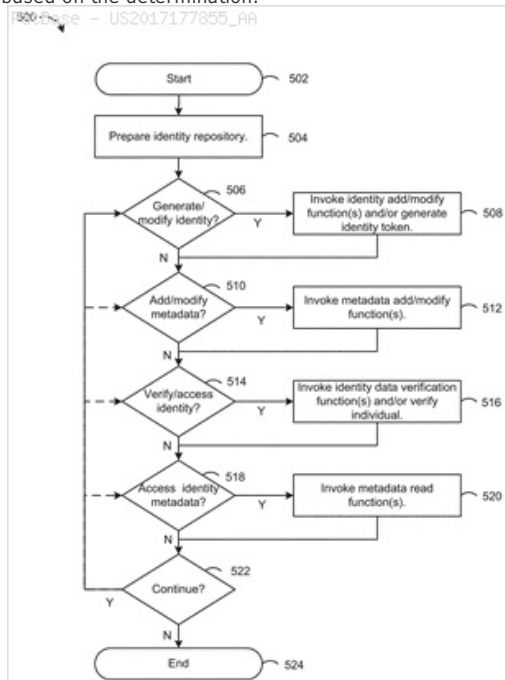
Classifications:

International (IPC 8-9): G06F21/30 G06F21/31 G06F21/32

G06F21/33 G06F21/45 G06F21/64 H04L29/00 H04L29/06

H04L9/32 (Advanced/Invention)

CPC: G06F21/45 H04L9/3236 H04L63/123 H04L63/08 H04L63/0861
H04L9/3247 G06F21/645 H04L9/3231 H04L9/3234 H04L2209/38



Family:

Publication number	Publication date	Application number	Application date
AU2016376097 AA	20180426	AU20160376097	20161003
AU2016376097 AA	20170629	AU20160376097	20161003
AU2016376097 AA	20180426	AU20160376097	20161003
AU2016376097 AA	20170629	AU20160376097	20161003
CA3002235 AA	20180411	CA20163002235	20161003
CN108292331 A	20180717	CN201680069422	20161003
EP3394779 A1	20181031	EP20160879528	20161003
EP3394779 A4	20181205	EP20160879528	20161003
IN201847013684 A	20180413	IN201847013684	20180410
US2017177855 AA	20170622	US20160283993	20161003
US2019121958 AA	20190425	US20180225942	20181219
US10248783 BB	20190402	US20160283993	20161003
WO17112019 A1	20170629	WO2016US55215	20161003

Priority:

US20150270658P 20151222 US20160283993 20161003 WO2016US55215 20161003
US20180225942 20181219

Probable Assignee: REFINITIV US ORGANIZATION LLC

Assignee(s): (std): THOMAS JASON A ; SCHUKAI ROBERT JOSEPH ; MANUEL SCOTT RYAN ; THOMSON REUTERS GLOBAL RESOURCES ; PIERLEONI MARCO ; THOMSON REUTERS GLOBAL RESOURCES UNLIMITED CO ; COSTA FAIDELLA DAVID ; THOMSON REUTERS GRC LLC

Assignee(s): THOMSON REUTERS GRC INC ; DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS ; FINANCIAL AND RISK ORGANISATION LTD ; BANK OF AMERICA NA COLLATERAL AGENT AS ; REFINITIV US ORGANIZATION LLC ; THOMSON REUTERS HOLDINGS INC ; THOMSON REUTERS SPECIAL SERVICES LLC ; TR ORGANISATION LTD ; THOMSON REUTERS APPLICATIONS INC

Inventor(s): (std): SCHUKAI ROBERT JOSEPH ; PIERLEONI MARCO ; MANUEL SCOTT RYAN ; THOMAS JASON A ; COSTA FAIDELLA DAVID

Agent(s): DAVIES COLLISON CAVE PTY LTD; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; J A KEMP; NORTON ROSE FULBRIGHT US LLP; CARNIAUX MICHELLE ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

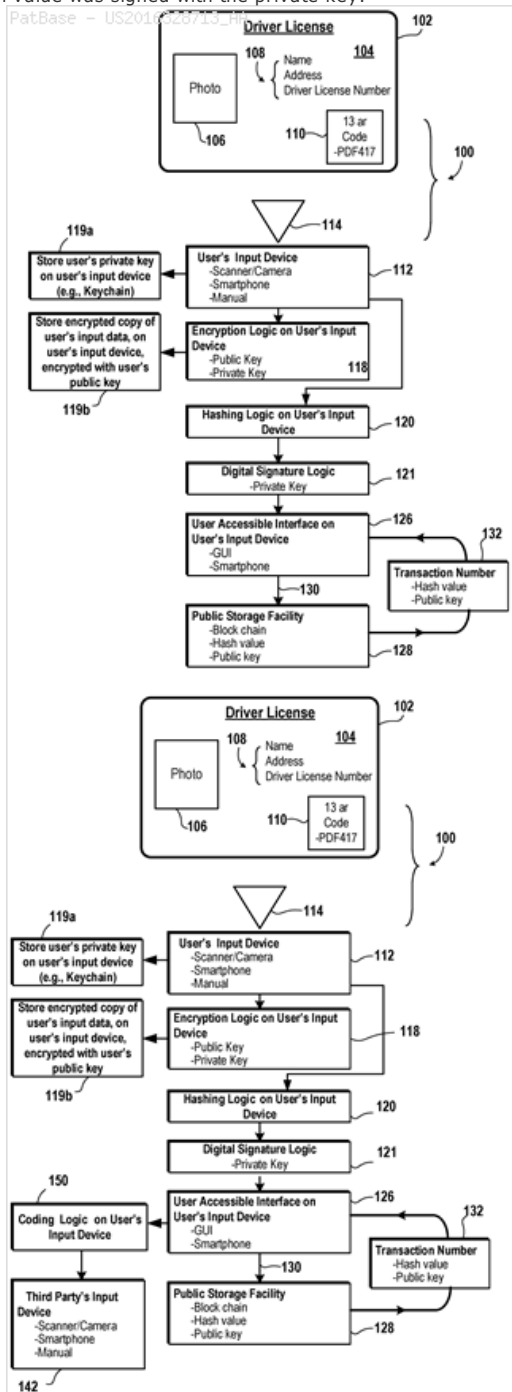
Title: IDENTITY MANAGEMENT SERVICE USING A BLOCKCHAIN PROVIDING IDENTITY TRANSACTIONS BETWEEN DEVICES

Abstract: Logic on a first remote device causes the capture of personal data identifying a user from an identification card. The logic generates a hash value from the personal data using a hashing algorithm and signs the hash value with a digital

signature created using a private key paired with a public key. The logic transmits, over a network, the signed hash value and the public key from the remote device to a distributed public database for storage. The logic receives, over the network, a transaction number from the distributed public database. The logic then transmits the transaction number and the personal data to a second remote device. Logic on the second remote device verifies that the hash value in the signed hash value is the same as a generated hash value and verifies that the signed hash value was signed with the private key.

Classifications:

International (IPC 8-9): G06F17/00 G06F17/30 G06F21/00 G06F21/31 G06F21/34 G06F21/64 G06K19/06 G06K7/10 G06K7/14 G06Q20/02 G06Q20/06 G06Q20/32 G06Q20/38 G06Q20/40 G09C1/00 G09C5/00 H04L29/06 H04L9/06 H04L9/08 H04L9/14 H04L9/16 H04L9/30 H04L9/32 H04W12/04 H04W12/06 (Advanced/Invention)
CPC: H04L9/30 H04L9/3236 G06K19/06028 G06K19/06037 H04L9/302 H04L9/3249 H04L9/3252 H04L9/14 H04L9/0643 H04L9/3239 H04L9/0637 H04W12/06 H04W12/04 G06Q2220/00 H04L9/3234 G06F21/31 G06F21/34 G06F21/64 G06Q20/02 G06Q20/3276 G06Q20/3825 G06Q20/3827 H04L9/3263 H04L2209/56 G06K7/1439 G06K7/1095 G06K19/06112 H04L63/083 H04L63/061 H04L63/0442 H04L63/0435 H04L63/08 H04L63/0861 H04L63/0876 G06F21/645 G06Q20/4014 G06K7/1417 H04L9/0618 H04L9/3297 H04L9/3066 G06F7/588 G06Q20/065 H04L63/00 H04L9/3247 H04L9/3268 H04L2209/38 G09C5/00 H04L9/3271 H04L63/0823 H04L2209/80 H04W12/00522
US: 1/1 705/75 713/157 713/176



Family:

Publication number	Publication date	Application number	Application date
CA2984888 AA	20171102	CA20162984888	20160504
CN107851111 A	20180327	CN201680039853	20160504
EP3292484 A1	20180314	EP20160790050	20160504
EP3292484 A4	20180530	EP20160790050	20160504
EP3424179 A1	20190109	EP20170760964	20170303
JP2018516030 T2	20180614	JP20180510317T	20160504
US2016328713 AA	20161110	US20160146872	20160504
US2016330027 AA	20161110	US20160146881	20160504
US2016330035 AA	20161110	US20160147838	20160505
US2017255805 AA	20170907	US20160208580	20160712
US2017257358 AA	20170907	US20170449902	20170303
US2017302450 AA	20171019	US20170640795	20170703
US2018114045 AA	20180426	US20170784093	20171014
US2018152304 AA	20180531	US20180878353	20180123
US2018227130 AA	20180809	US20180890333	20180206
US2018227131 AA	20180809	US20180893479	20180209
US2018307883 AA	20181025	US20180019411	20180626
US2018308098 AA	20181025	US20180018773	20180626
US2019149537 AA	20190516	US20180227632	20181220

US9372720 BB	20130923	US20160149888	20160504
US10007826 BB	20180626	US20160208580	20160712
US10007913 BB	20180626	US20160146872	20160504
WO16179334 A1	20161110	WO2016US30863	20160504
WO17152150 A1	20170908	WO2017US20829	20170303
WO18145127 A1	20180809	WO2018US17136	20180206

Priority:

US20150157256P	20150505	US20160304144P	20160304	US20160304934P	20160307
US20160146872	20160504	US20160146881	20160504	WO2016US30863	20160504
US20160147838	20160505	US20160208580	20160712	US20160408699P	20161014
US20170455199P	20170206	US20170449902	20170303	WO2017US20829	20170303
US20170640795	20170703	US20170784093	20171014	US20170596434P	20171208
US20180878353	20180123	US20180890333	20180206	US20180893479	20180209
US20180018773	20180626	US20180019411	20180626	US20180227632	20181220

Probable Assignee: SHOCARD INC

Assignee(s): (std): SHOCARD INC

Assignee(s): SUNTRUST BANK ; EBRAHIMI ARMIN

Inventor(s): (std): EBRAHIMI ARMIN ; WEITZMAN JEFF ; KHOT GAURAV ; GADBOIS ROBERT ; RESHETNIKOV VLADIMIR ; CHAUHAN BHAVYA ; EBRAHIMI ARMIN

Agent(s): GOWLING WLG CANADA LLP; DERRY PAUL STEFAN; MORISHITA SAKAKI; MARTINE PENILLA GROUP LLP; PENILLA ALBERT; HSU LIN; HSU LIN ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

11) Family number: 67751979 (WO17205902A1)

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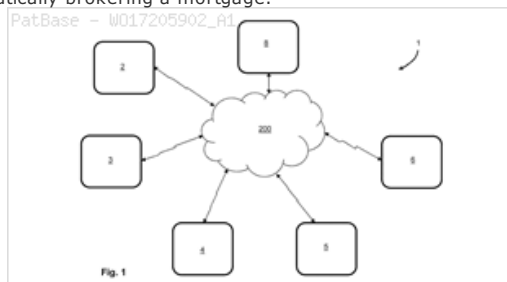
Title: ELECTRONIC MORTGAGE BROKERING AND MONITORING

Abstract: Provided is a financial transaction arrangement (1) which generally comprises a distributed processing arrangement and includes an identification service computing system (2), a financial institution computing system (3), a property registry computing system (4), a lender computing system (5), an appraiser (6), and a mortgage brokering computing system (8). All of these computing systems (2, 3, 4, 5) and (8) are interconnected by means of communications network 200 which incorporates a blockchain. Via a number of transactions, the mortgage brokering computing system (8) generates aggregate blockchains on the network 200 able to provide a demonstrable and auditable history for captured identification details and subsequent transactions required for automatically brokering a mortgage.

Classifications:

International (IPC 8-9): G06Q40/02 (Advanced/Invention)

CPC: G06Q40/02



Family:

Publication number	Publication date	Application number	Application date
AU2017274073 AA	20181206	AU20170274073	20170517
CA3026039 AA	20181128	CA20173026039	20170517
CN109564668 A	20190402	CN201780047906	20170517
EP3465594 A1	20190410	EP20170805382	20170517
SG11201810364V A1	20181228	SG20181110364	20170517
WO17205902 A1	20171207	WO2017AU50456	20170517

Priority:

AU20160902100	20160601	AU20160904745	20161121	WO2017AU50456	20170517
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Probable Assignee: MONEYCATCHA PTY LTD

Assignee(s): (std): MONEYCATCHA PTY LTD

Assignee(s): HATHERLEY RUTH ; MACDONALD JONATHAN EDWARD

Inventor(s): (std): HATHERLEY RUTH ; MACDONALD JONATHAN EDWARD

Agent(s): PATENTEUR PTY LTD; BURRI STEPHEN R; BUTLER KATHRYN LOUISE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

12) Family number: 58690984 (US2015074409A)

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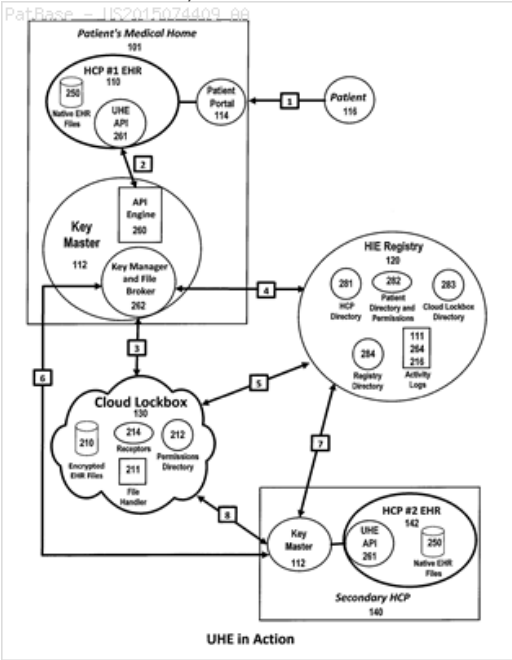
Title: SYSTEM AND METHOD FOR SECURELY STORING AND SHARING INFORMATION

Abstract: A method for any community of interest to conduct secure exchange of encrypted data using a three-party

security mechanism consisting of key masters, registries and cloud lockboxes. The registries establish unique identities, verify authenticity, and create directories of individuals, members, cloud lockboxes and other registries. The registries manage permissions lists communicated to the cloud lockboxes as well as detecting and halting anomalous activity. The key masters operated by members to manage keys for individuals, handle encryption and decryption and conduct key exchanges with other members. The cloud lockboxes manage file storage, retrieval and access control. Related application programming interfaces support multiple levels of integration and generate metadata specific to the needs of the community of interest. Community of interest establishes operating parameters including: selecting an encryption algorithm, establishing identity verification processes and selecting a security level. The design supports several other key features.

Classifications:

International (IPC 8-9): G06F19/00 G06F21/60 G06F21/62 H04L H04L29/06 H04L9/00 H04L9/06 H04L9/08 H04L9/14 H04L9/30 H04L9/32 (Advanced/Invention); H04L (Subclass/Invention)
CPC: H04L9/006 H04L2209/88 H04L9/3268 H04L2209/76 H04L63/045 H04L63/101 H04L63/0442 H04L63/0823 H04L67/1097 H04L63/061 G06F21/6218 G06F21/6245 G06F21/602 G06F21/6209 H04L63/0428 H04L63/0435 H04L29/06 G16H40/20 H04L63/06 H04L63/102 H04L67/2814 H04L2463/062 G16H10/60 H04L9/3231 H04L9/14 H04L9/083 H04L9/3213 H04L9/0637 H04L9/0825 H04L9/0891 H04L9/32 H04L9/3239 H04L9/3271 H04L2209/38 H04L2209/42
US: 1/1 713/171



Family:

Publication number	Publication date	Application number	Application date
AU2015346644 A	20170629	AU20150346644	20151109
EP3219048 A1	20170920	EP20150859389	20151109
EP3219048 A4	20180516	EP20150859389	20151109
IL252133 A0	20170731	IL20150252133	20151109
IN201717020472 A	20171117	IN201717020472	20170612
US2015074409 AA	20150312	US20140539614	20141112
US2016277374 AA	20160922	US20160170981	20160602
US2018232526 AA	20180816	US20180952530	20180413
US9378380 BA	20160628	US20120665861	20121031
US9390228 BB	20160712	US20140539614	20141112
US9973484 BB	20180515	US20160170981	20160602
WO16077219 A1	20160519	WO2015US59717	20151109
WO17210563 A1	20171207	WO2017US35695	20170602

Priority:

US20110553883P 20111031 US20120665861 20121031 US20140539614 20141112
WO2015US59717 20151109 US20160170981 20160602 US20180952530 20180413

Probable Assignee: REID CONSULTING GROUP

Assignee(s): (std): MOFFITT MARK EDMONSON ; REID CONSULTING GROUP ; REID CONSULTING GROUP INC ; REID THOMAS ALAN ; REID CONSULTING GROUP LLC ; SEED PROTOCOL LLC

Assignee(s): ADENA HEALTH SYSTEM

Inventor(s): (std): MOFFITT MARK EDMONSON ; REID THOMAS ALAN ; GUY DENNIE

Agent(s): GRIFFITH HACK; BRADDON NICHOLAS; VORYS SATER SEYMOUR AND PEASE LLP; TAROLLI SUNDHEIM COVELL AND TUMMINO LLP; GECOVICH EDWARD ET AL; GECOVICH EDWARD A ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW