

Search history

Search STAC=(atm and biometric and camera) (Results 72)

1:

Search [SP]: 1. an apparatus for providing pinless, automated cash advances, comprising: an input device, the input device being configured to generate an input signal corresponding to a customer identifier in response to actuation of the input device by a customer a biometric device configured to receive biometric information about the customer a storage device including a database of customer information, the customer information including stored biometric information and an electronic processor configured to: receive the input signals from the input device, receive biometric information from the biometric device, access the database of customer information to obtain data about the customer, the data including stored biometric information for the customer, compare the received biometric information to the stored biometric information, contact a verification network to request authorization for a cash advance, and when the received biometric information matches the stored biometric information to a degree sufficient to confirm the customer's identity, and upon receiving authorization from the verification network, approving the cash advance. 2. the apparatus of claim 1, further comprising a cash dispenser, wherein the electronic processor is configured to signal the cash dispenser to dispense cash to the customer upon approving the cash advance. 3. the apparatus of claim 1, wherein the input device is further configured to provide input signals indicating that a cash advance is desired and indicating an amount for the cash advance. 4. the apparatus of claim 3, wherein the input device comprises a numeric keypad. 5. the apparatus of claim 4, further comprising a card reader, wherein the card reader is configured to provide the electronic processor with an account number associated with the cash advance. 6. the apparatus of claim 1, wherein: the input device comprises a card reader, actuation of the input device comprises insertion of a card into the card reader, and the customer identifier comprises an account number associated with the card. 7. the apparatus of claim 1, wherein the apparatus is configured to contact a human operator for assistance when the database of customer information does not contain data about the customer. 8. the apparatus of claim 1, wherein the biometric device comprises a camera configured to obtain an image of the customer's face, and the biometric information comprises the image of the customer's face. 9. the apparatus of claim 8, wherein the camera is configured to obtain the image of the customer's face in response to actuation of the input device by the customer. 10. the apparatus of claim 8, wherein: the stored biometric information comprises stored images of customers' faces, and comparing the received biometric information to the stored biometric information comprises comparing an image of the customer's face from the database of customer information to the image of the customer's face produced by the camera to confirm the identity of the customer. 11. the apparatus of claim 8, wherein the camera comprises a digital video camera. 12. the apparatus of claim 8, further comprising a second camera configured to obtain a second image of the customer's face, wherein the processor is configured to compare the first and second images when confirming the identity of the customer. 13. the apparatus of claim 8, further comprising lights positioned to illuminate the customer's face to improve an image obtained by the camera. 14. the apparatus of claim 1, further comprising an output device for providing information to the customer. 15. the apparatus of claim 14, wherein the input device and the output device comprise a touch screen display. 16. the apparatus of claim 14, wherein the output device comprises a speaker, the apparatus further comprising a voice synthesizer connected to the speaker and configured to provide spoken information to the customer through the speaker. 17. a system for providing pinless, automated cash advances, the system including the apparatus of claim 1 and a remotely-located service center, wherein: the apparatus further comprises a first communications device connected to the processor, and the service center comprises a second communications device configured to communicate with the first communications device. 18. the system of claim 17, wherein the second communications device is configured to communicate with the first communications device using a public telephone network. 19. the system of claim 17, wherein the processor is configured to confirm the identity of the customer when the database of customer information includes a record for the customer and the received biometric information matches the stored biometric information, and to contact the remotely-located service center for assistance when the database of customer information does not include a record for the customer. 20. the system of claim 19, wherein the processor is configured to contact the remotely-located service center for assistance when the received biometric information does not match the stored biometric information. 21. the system of claim 17, wherein the service center further comprises: a storage device including a central database of customer information, the customer information including stored biometric information and an electronic processor connected to the second communications device and the storage device, and configured to: receive information about a customer from the second communications device, the information including received biometric information for the customer, access the central database of customer information to obtain data about the customer identified by the customer identifier, the data including biometric information stored in the central database for the customer, compare the received biometric information to the biometric information stored in the central database for the customer, and control the second communications device to transmit to the first communications device an indication of whether the received biometric information matches the biometric information stored in the central database for the customer. 22. the system of claim 21, wherein the processor of the service center is configured to contact a human operator at the service center for assistance when the received biometric information does not match the biometric information stored in the central database for the customer. 23. the system of claim 21, wherein the database of customer information stored on the storage device of the apparatus includes only a partial subset of the customer information of the central database of customer information. 24. the system of claim 21, wherein: the service center further comprises a display device for use by a human operator, and the processor of the service center is configured to: display information about a cash advance on the display device to permit the human operator to confirm the customer's identity when the received biometric information does not match the biometric information stored in the central database for the customer. 25. the system of claim 21, further comprising a second instance of the apparatus of claim 1. 26. a retrofit module for configuring an automated teller machine having an input device and a cash dispenser to provide pinless cash advance transactions, the retrofit module being configured to be connected to the automated teller machine and comprising: an input/output port configured to receive an input signal from the input device of the automated teller machine, the input signal corresponding to a customer identifier and being generated in response to actuation of the input device by the customer a biometric device configured to receive biometric information about the customer a storage device including a database of customer information, the customer information including stored biometric information for the customer and an electronic processor connected to the input/output port, the biometric device, and the storage device, the processor being configured to: receive the input signal from the input/output port, receive biometric information from the biometric device, access the database of customer information in response to the input signal to obtain data about the customer identified by the customer identifier, the data including stored biometric information for the customer, compare the received biometric information to the stored biometric information, and transmit a notification message to the input/output port, the notification message indicating that the customer's identity has been established when the received biometric information matches the stored biometric information. (Results 16)

Search 2 and scanner (Results 3)

3:

Search 1 and scanner (Results 32)

4:

Search 4 and fingerprint (Results 17)

5:

Search atm and biometric and camera and scanner and fingerprint (Results 24)

6:

Search [SP]: 1. an apparatus for providing pinless, automated cash advances, comprising: an input device, the input device being configured to generate an input signal corresponding to a customer identifier in response to actuation of the input device by a customer a biometric device configured to receive biometric information about the customer a storage device including a database of customer information, the customer information including stored biometric information and an electronic processor configured to: receive the input signals from the input device, receive biometric information from the biometric device, access the database of customer information to obtain data about the customer, the data including stored biometric information for the customer, compare the received biometric information to the stored biometric information, contact a verification network to request authorization for a cash advance, and when the received biometric information matches the stored biometric information to a degree sufficient to confirm the customer's identity, and upon receiving authorization from the verification network, approving the cash advance. 2. the apparatus of claim 1, further comprising a cash dispenser, wherein the electronic processor is configured to signal the cash dispenser to dispense cash to the customer upon approving the cash advance. 3. the apparatus of claim 1, wherein the input device is further configured to provide input signals indicating that a cash advance is desired and indicating an amount for the cash advance. 4. the apparatus of claim 3, wherein the input device comprises a numeric keypad. 5. the apparatus of claim 4, further comprising a card reader, wherein the card reader is configured to provide the electronic processor with an account number associated with the cash advance. 6. the apparatus of claim 1, wherein: the input device comprises a card reader, actuation of the input device comprises insertion of a card into the card reader, and the customer identifier comprises an account number associated with the card. 7. the apparatus of claim 1, wherein the apparatus is configured to contact a human operator for assistance when

the database of customer information does not contain data about the customer. 8. the apparatus of claim 1, wherein the biometric device comprises a camera configured to obtain an image of the customer's face, and the biometric information comprises the image of the customer's face. 9. the apparatus of claim 8, wherein the camera is configured to obtain the image of the customer's face in response to actuation of the input device by the customer. 10. the apparatus of claim 8, wherein: the stored biometric information comprises stored images of customers' faces, and comparing the received biometric information to the stored biometric information comprises comparing an image of the customer's face from the database of customer information to the image of the customer's face produced by the camera to confirm the identity of the customer. 11. the apparatus of claim 8, wherein the camera comprises a digital video camera. 12. the apparatus of claim 8, further comprising a second camera configured to obtain a second image of the customer's face, wherein the processor is configured to compare the first and second images when confirming the identity of the customer. 13. the apparatus of claim 8, further comprising lights positioned to illuminate the customer's face to improve an image obtained by the camera. 14. the apparatus of claim 1, further comprising an output device for providing information to the customer. 15. the apparatus of claim 14, wherein the input device and the output device comprise a touch screen display. 16. the apparatus of claim 14, wherein the output device comprises a speaker, the apparatus further comprising a voice synthesizer connected to the speaker and configured to provide spoken information to the customer through the speaker. 17. a system for providing pinless, automated cash advances, the system including the apparatus of claim 1 and a remotely-located service center, wherein: the apparatus further comprises a first communications device connected to the processor, and the service center comprises a second communications device configured to communicate with the first communications device. 18. the system of claim 17, wherein the second communications device is configured to communicate with the first communications device using a public telephone network. 19. the system of claim 17, wherein the processor is configured to confirm the identity of the customer when the database of customer information includes a record for the customer and the received biometric information matches the stored biometric information, and to contact the remotely-located service center for assistance when the database of customer information does not include a record for the customer. 20. the system of claim 19, wherein the processor is configured to contact the remotely-located service center for assistance when the received biometric information does not match the stored biometric information. 21. the system of claim 17, wherein the service center further comprises: a storage device including a central database of customer information, the customer information including stored biometric information and an electronic processor connected to the second communications device and the storage device, and configured to: receive information about a customer from the second communications device, the information including received biometric information for the customer, access the central database of customer information to obtain data about the customer identified by the customer identifier, the data including biometric information stored in the central database for the customer, compare the received biometric information to the biometric information stored in the central database for the customer, and control the second communications device to transmit to the first communications device an indication of whether the received biometric information matches the biometric information stored in the central database for the customer. 22. the system of claim 21, wherein the processor of the service center is configured to contact a human operator at the service center for assistance when the received biometric information does not match the biometric information stored in the central database for the customer. 23. the system of claim 21, wherein the database of customer information stored on the storage device of the apparatus includes only a partial subset of the customer information of the central database of customer information. 24. the system of claim 21, wherein: the service center further comprises a display device for use by a human operator, and the processor of the service center is configured to: display information about a cash advance on the display device to permit the human operator to confirm the customer's identity when the received biometric information does not match the biometric information stored in the central database for the customer. 25. the system of claim 21, further comprising a second instance of the apparatus of claim 1. 26. a retrofit module for configuring an automated teller machine having an input device and a cash dispenser to provide pinless cash advance transactions, the retrofit module being configured to be connected to the automated teller machine and comprising: an input/output port configured to receive an input signal from the input device of the automated teller machine, the input signal corresponding to a customer identifier and being generated in response to actuation of the input device by the customer a biometric device configured to receive biometric information about the customer a storage device including a database of customer information, the customer information including stored biometric information for the customer and an electronic processor connected to the input/output port, the biometric device, and the storage device, the processor being configured to: receive the input signal from the input/output port, receive biometric information from the biometric device, access the database of customer information in response to the input signal to obtain data about the customer identified by the customer identifier, the data including stored biometric information for the customer, compare the received biometric information to the stored biometric information, and transmit a notification message to the input/output port, the notification message indicating that the customer's identity has been established when the received biometric information matches the stored biometric information. (Results 16)

Search 7 and fingerprint (Results 8)

8:

Search 1 and touch (Results 22)

9:

Title: FACILITATING MOBILE DEVICE PAYMENTS USING PRODUCT CODE SCANNING

Abstract: Source: US2012006891A Provided are computer implemented methods and systems for facilitating mobile device payments using barcodes displayed on mobile devices and scanned by merchants at checkout counters. When a customer is ready to tender a payment to a merchant, instead of using a credit card, cash, or check, the customer activates an application on his mobile device. The mobile device includes or obtains information about the payment system of this merchant. Furthermore, the mobile device includes or obtains information about the customer/mobile device user and then uses these two pieces of information to generate and display a barcode that encodes customer payment information specific to this merchant. The barcode is scanned at the checkout counter and processed to retrieve customer records from a database of the payment processing system. These records are then used to transfer funds between the merchant and customer, obtain discounts, and/or perform other retail transactions.

Classifications:

International (IPC 8-9): A61B10/00 A61B5/00 A61B5/02

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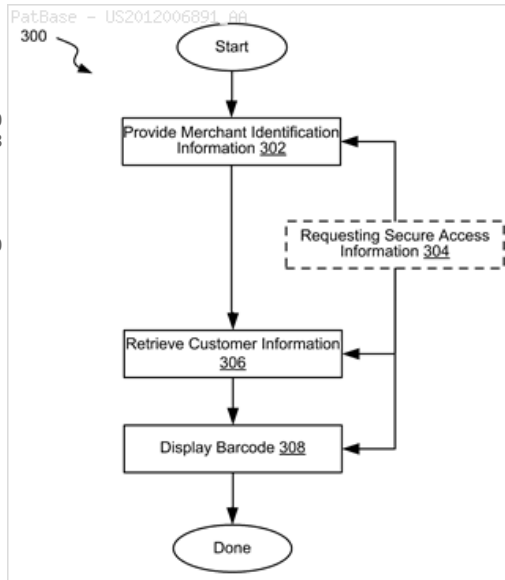
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Locarno class: 12/07 14/02

Family:

Publication number	Publication date	Application number	Application date
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US20160575197F	20160823				

Probable Assignee: AMOBILEPAY INC

Assignee(s): (std): WORLD AWARD ACAD ; ZHOU DYLAN T X ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU ANDREW ; ZHOU HAIBIN ; ZHOU TIANGE ; ZHOU DYLAN TX ; XING ZHOU TIAN ; AMOBILEPAY INC ; CHENG WESLEY ; DYLAN ZHOU ; GRONBERG MARTIN ; ZHOU TIGER T G ; ZHOU TIGER ; ZHOU TIANXING ; WORLD AWARD ACAD WORLD AWARD FOUND AMOBILEPAY INC ; WORLD AWARD FOUND

Assignee(s): ZHOU ANDREW HB ; ZHOU TIGER TG ; TRAN BAO ; VENTURE LENDING AND LEASING IV INC ; WORLD AWARD ACADEMY ; WORLD AWARD ACADEMY WORLD AWARD FOUNDATION AMOBILEPAY INC ; WORLD AWARD FOUNDATION

Inventor(s): (std): CHENG WESLEY ; DYLAN ZHOU ; GRONBERG MARTIN ; XING ZHOU TIAN ; ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU TIGER ; ZHOU TIGER T G ; ZHOU TIANXING ; ZHOU TIANGE ; ZHOU HAIBIN ; ZHOU DYLAN TX ; XI MARY M Z

Inventor(s): ZHOU ANDREW HB ; ZHOU TIGER TG

Agent(s): TEALL CHARLOTTE; TRAN AND ASSOCIATES; PATENT JURIST; GEORGIY L; WWW.NIELSEN.PATENTSCOM; STEVEN A

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

Title: TRANSACTION SYSTEM

Abstract: Source: US2003179290A A system for carrying out transactions includes customer stations (118) and **ATM** stations (120) and a service provider station (114). The service provider station and customer stations are operated in a building (116) or other facility in which a service provider operates the service provider station in a secure room. Audio and video communications are established between the service provider and customers at the customer stations and **ATM** stations. Items can be exchanged between customer station customers and the service provider through carriers (26) transmitted through a pneumatic tube system (22). A video material presentation device (50) provides promotional or other video material which may be presented on displays at the customer stations. The video material may be presented to customers when the customer terminal is not in communication with the service provider terminal.

Classifications:

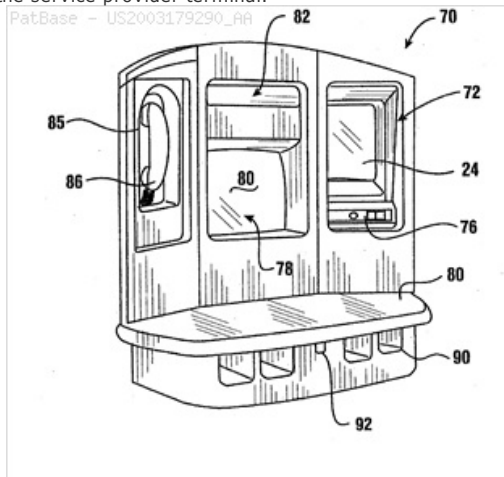
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International (IPC 1-7): B65G51/00 B65G51/06 B66B9/04 E05G7/00 E06B G06F17/60 G07B1/00 G07B5/00 G07D9/00 G07F19/00 H04M1/00 H04N7/18 H04Q

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US: 1/1 109/10 235/375 235/379 235/379P 235/379S 235/380 235/381 235/381S 235/382 235/382S 235/435 235/449 235/487 235/492 235/493 340/5.82 340/5.820S 348/14.01 348/14.010S 348/61 348/61P 348/E7.077 348/E7.085 348/E7.077S 348/E7.085S 382/138 705/1.1 705/10 705/14 705/14.1 705/14.14 705/14.35 705/14.36 705/14.39 705/14.4 705/14.41 705/14.49 705/14.53 705/14.67 705/14.73 705/16 705/21 705/39 705/39P 705/41 705/42 705/43 705/43P 705/43S 705/44 705/64 705/7.11 705/7.29 705/70 705/75



Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: DIEBOLD NIXDORF INC

Assignee(s): (std): BAKERINK ALLAN R ; BENORE RANDOLPH C ; BILLETT NICK ; BUTLER THERESA ; DIEBOLD INC ; DIBBLET INC ; DEVARASETTY BALAJI ; FRAZZITTA BARTHOLOMEW J ; DIEBOLD SELF SERVICE SYS ; JIANG CHANGNING ; KNOWLES EDITH ; GILL ROBERT BRADLEY ; HEMLICK WILLIAM ; DIFRANGO RON ; DIEBOLD SELF SERVICE SYSTEMS ; GRAEF H THOMAS ; MCINTYRE DANIEL C ; MEEK JAMES ; MCINTYRE DANIEL S ; MCCOY DONALD P ; SINGER IREK ; SHIMEK GREGORY ; SYMONDS ROBERT D ; ST GEORGE PETER ; KORAN KEN ; LEE ANTHONY ; PRAKASH ALOK ; KRAVITZ LEE ; REINART MARK ; O BOYLE MICHAEL ; SMITH MARK D ; DIEBOLD INC NORTH CANTON ; DEPIETRO MARK

Assignee(s): DAJBOLD INKORPOREJTED ; DIEBOLD SELF SERVICE SYSTEM DIVISION OF DIEBOLD INC ; KALMAN JEFFREY M ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; DIEBOLD NIXDORF INC ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD INC ; DIEBOLD SELF SERVICE SYSTEMS DIVISION OF DIEBOLD I ; DIEBOLD INC NORTH CANTON OHIO

Inventor(s): (std): MCLNTYRE DANIEL S ; MCINTYRE DANIEL C ; LEE TONY ; DE PIETRO MARK ; SYMONDS ROBERT D ; ST GEORGE PETER ; SINGER IREK ; SHIMEK GREGORY ; REINART MARK ; RANDOLPH C BENORE ; PRAKASH ALOK ; O BOYLE MICHAEL ; MCINTYRE DANIEL S MCINTYRE DANIEL S ; MCINTYRE DANIEL S ; MCCOY DONALD P ; MCCOY DONALD ; MARK DEPIETRO ; MAKINTAJR DEHNIEL S ; LYNDON L LIEBELT ; LEE ANTHONY ; KRAVITZ LEE ; KORAN KEN ; KNOWLES EDITH ; KALMAN JEFFREY M KALMAN JEFFREY M ; KALMAN JEFFREY M ; KALMAN DZHEFFRI M ; JIANG CHANGNING ; JEFFREY M KALMAN ; HEMLICK WILLIAM ; GRAEF H THOMAS ; GILL ROBERT BRADLEY ; FRAZZITTA BARTHOLOMEW J FRAZZITTA BARTHOLOMEW J ; FRAZZITTA BARTHOLOMEW J ; FRATSTISITTA BARTOLOM JU DZH ; DIFRANGO RON ; DEVARASETTY BALAJI ; DEPIETRO MARK ; DE PIETRO MARK DE PIETRO MARK ; DANIEL S MCINTYRE ; BUTLER THERESA ; BILLETT NICK ; DEPIETRO MARK A ; BENOUR REHNDOL F S ; BENORE RANDOLPH C BENORE RANDOLPH C ; BENORE RANDOLPH C ; BARTHOLOMEW J FRAZZITTA ; SMITH MARK D ; MEEK JAMES ; BAKERINK ALLAN R

Inventor(s): STGEORGE PETER ; FRAZZITTA BARTHOLOMEW ; MCINTYRE DANIEL ; BAKERINK ALLAN ; BENORE RANDOLPH ; BENOUR REHNDOL'F S. ; FRATSTISITTA BARTOLOM'JU DZH.

Agent(s): FB RICE ; FB RICE PTY LTD ; DIMOCK STRATTON LLP ; SUGIMURA KOSAKU ; RALPH E JOCKE WALKER AND JOCKE LPA ; RALPH E JOCKE WALKER AND JOCKE ; WALKER AND JOCKE ; RALPH E ; DANIEL D ;

Designated states: JOCKE RALPH E; WASIL DANIEL D; BLACK MCCUSKEY SOUERS AND ARBAUGH LPA
AT BE BR CA CH CN CY CZ DE DK ES FI FR GB GR HU IE IT KR LI LU MC MX NL PL PT RU SE

Title: TRANSLATION STATION

Abstract: Source: US2012035906A An interactive electronic translation and communications process is provided for use in a translation station that provides a mobile or stationary fixed interactive facility for interviews or interrogations to be carried out between two persons speaking in different languages. The process can be assisted by animated virtual characters (avatars) realistically created and displayed on a computer screen to represent ethnic looks from around the globe. The avatars can be lip synchronized to deliver messages to the interviewee in the interviewee's languages and can guide the users and interviewee through a series of questions and answers. **Biometric** conditions of the interviewee and electronic identification of the interviewee can also be readily accomplished by the novel process. The process is particularly useful for hospitals, law enforcement, military, airport security, transportation terminals, financial institutions, and government agencies.

Classifications:

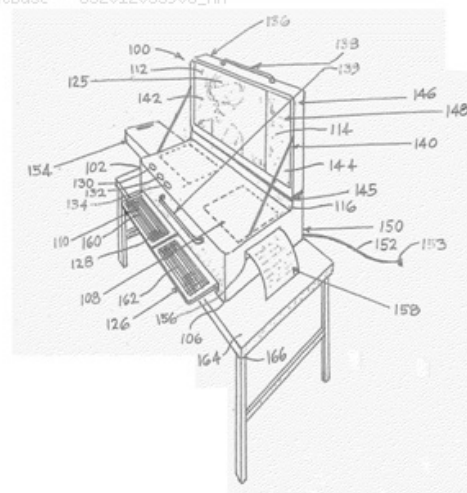
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CPC: G10L15/005 G10L15/25 G10L25/63 G06K9/00885 G06K9/6201 G06T13/00 G06Q10/10 G06F17/289 A61B5/7465

European: G06F17/28U

US: 382/115 704/2 704/277 704/2P 704/3 715/264 715/706

PatBase - US2012035906_AA



Family:

Publication number	Publication date	Application number	Application date
US2012035906 AA	20120209	US20100850787	20100805
US2014156257 AA	20140605	US20130925383	20130624
US2016170975 AA	20160616	US20160042370	20160212
US8473277 BB	20130625	US20100850787	20100805
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Priority:

US20100850787 20100805 US20130925383 20130624 US20160042370 20160212

Probable Assignee:

JEPHCOTT DAVID LYNTON

Assignee(s): (std):

JEPHCOTT DAVID LYNTON

Inventor(s): (std):

JEPHCOTT DAVID LYNTON

Agent(s):

THOMAS W; TOLPIN AND PARTNERS PC

Title: VIRTUAL GAMING PERIPHERALS FOR A GAMING MACHINE

Abstract: Source: US2003176213A A disclosed gaming machine provides a plurality of virtual gaming peripherals that are each used to generate one or more gaming services. To provide a particular gaming service, each virtual gaming peripheral may comprise virtual gaming peripheral software that controls one or more gaming devices. Examples of gaming services provided by virtual gaming peripherals may include but are not limited to a player tracking service, a vending machine purchase, a lottery ticket purchase, an **ATM** (Automatic Teller Machine) service, a hotel/casino service, a communication service, a registration service, a sports book service, an entertainment service, a prize redemption service and a locator service. A logic device, such as a master gaming controller on the gaming machine, may simultaneously activate a plurality of virtual gaming peripherals. Therefore, a gaming device may be shared by a plurality of active virtual gaming peripherals and additional logic may be provided to resolve conflicts that arise when two or more virtual gaming peripherals desire to control the same gaming device at the same time.

Classifications:

International (IPC 8-9): A63F13/00 A63F13/02 A63F13/12 A63F9/24 G06F17/00 G06F19/00 G07C15/00 G07F17/32

G07F17/42 (Advanced/Invention);

G07C15/00 G07F17/42 (Advanced/Non-invention);

A63F9/24 G06F17/00 G07F17/00 G07F17/32 (Core/Invention)

International (IPC 1-7): A63F13/00 A63F13/12 A63F9/24

G06F161/00 G06F19/00 G07C15/00 G07F17/32

CPC: G07F17/3239 G07F17/3281 G07F17/3202 G07F17/3248

G07F17/3262 G07F17/42 G06Q10/10 G07F17/32 A63F13/75

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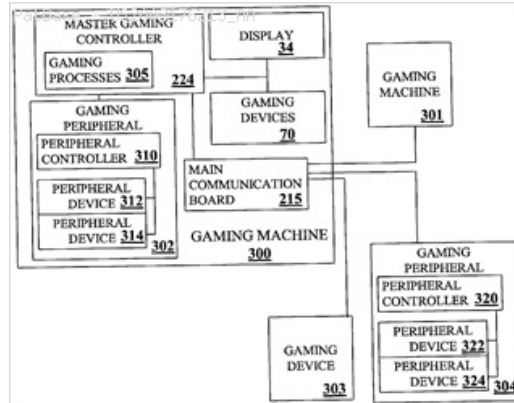
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463/29P 463/30 463/31 463/35 463/40 463/41 463/42 463/42P

463/43 463/7 463/9



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20130752027 20130128

Probable Assignee: IGT

Assignee(s): (std): IGT RENO NEV ; NGUYEN BINH ; WOLF BRYAN D ; UNDERDAHL BRIAN ; LE MAY STEVEN G ; LEMAY STEVEN G ; NELSON DWAYNE R ; AJ DZHI TI ; BENBRAHIM JAMAL ; BRECKNER ROBERT E ; I G T ; NGUYEN BINH T

Assignee(s): IGT9295 PROTOTYPE DRIVERENONV89511US ; IGT ; IGT A NEVADA CORP ; NELSON DWAYNE RILEY

Inventor(s): (std): BENBRAHIM JAMAL ; BRECKNER ROBERT E ; LEMAY STEVEN G ; NELSON DWAYNE R ; NELSON DWAYNE RILEY ; NGUYEN BINH ; UNDERDAHL BRIAN ; WOLF BRYAN D ; BRIAN UNDERDAHL ; BINH NGUYEN ; MAY STEVEN G LE ; LEMAY STEVER G ; LE MAY STEVEN G ; STEVEN G LEMAY ; ROBERT E BRECKNER ; JAMAL BENBRAHIM ; DWAYNE RILEY NELSON ; DWAYNE R NELSON ; NEL SON DVEHJN RAJLI ; LEMEHJ STIVEN DZH ; NGUYEN BINH T

Inventor(s): LEMAY STEVEN GUS ; BRECKNER ROBERT EUS ; BRECKNER ROBERT ; BENBRAHIM JAMALUS ; NELSON DWAYNE RUS ; NELSON DWAYNE ; BRYAN D WOLF ; STEVER G LEMAY ; STEVEN G LE MAY ; WOLF BRYAN ; NEL'SON DVEHJN RAJLI ; LEMAY STEVEN

Agent(s): PHILLIPS ORMONDE FITZPATRICK; FETHERSTONHAUGH AND CO; BROWNE ROBIN FORSYTHE ET AL; BROWNE ROBIN FORSYTHE; BEYER WEAVER AND THOMAS LLP; BEYER WEAVER LLP; WEAVER AUSTIN VILLENEUVE AND SAMPSON LLP; FOLEY AND LARDNER LLP; SAMPSON ROGER S ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: AUTHENTICATION DEVICE, SYSTEM AND METHODS

Abstract: Source: US2004135801A System terminal integrated with **biometric** sensor, such as a fingerprint sensor. Transaction terminal such as a point of sale system, automated teller machine (**ATM**) or other system. The system may include a **touch** screen display. Also, logic to process sales transactions may be included. The transaction terminal may include a cash drawer. The system authenticates users based on data from the sensor, and can regulate access, for example to a cash drawer, based on the authentication. Also described is a sensor module, security system, and method of operating a transaction terminal.

Classifications:

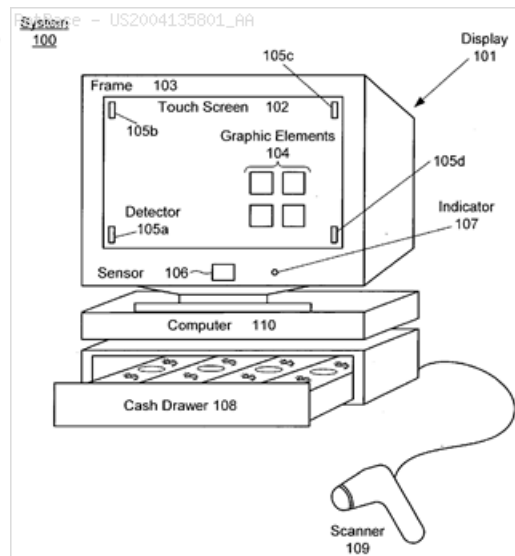
International (IPC 8-9): G06F1/00 G06F15/00 G06F17/00 G06F21/20 G07C9/00 G07F19/00 G07F7/02 G07G1/00 G09G5/00 H04L9/32 (Advanced/Invention); G06F1/00 G06F15/00 G06F17/00 G06F21/20 G07C9/00 G07F19/00 G07F7/00 G07G1/00 G09G5/00 H04L9/32 (Core/Invention); G06F (Subclass/Invention)

International (IPC 1-7): G06F G06F17/60 G09G5/00

CPC: G06Q40/128 G07F7/02 G06Q20/206 G06Q20/382 G06Q30/018 G06Q30/0201 G06Q30/0225 G06Q40/00 G07C9/00158 G07F19/20 G07F19/207 G07G1/0027

European: G06Q20/206 G06Q20/382 G06Q30/018 G06Q30/0201 G06Q30/0225 G06Q40/00 G06Q40/108 G07C9/00C2D G07F19/00F G07F19/20 G07F19/207 G07F7/02 G07G1/00B2

US: 235/381 345/702 345/741 705/1 705/1.1 705/10 705/14 705/14.26 705/317 705/33 705/35 705/64 705/7.29 715/702 715/702P



Family:

Publication number	Publication date	Application number	Application date
EP1588304 A2	20051026	EP20040701482	20040112
EP1588304 A4	20060920	EP20040701482	20040112
JP2006516344 T2	20060629	JP20060500907T	20040112
US2004135801 AA	20040715	US20030346402	20030115
US7542945 BB	20090602	US20030346402	20030115
WO04066110 A2	20040805	WO2004US00697	20040112
WO04066110 A3	20050623	WO2004US00697	20040112

Priority:

US20030346402 20030115 WO2004US00697 20040112 WO2004US00697 20040112

Probable Assignee: SANMINA SCI CORP

Assignee(s): (std): SANMINA SCI CORP ; THOMPSON GREGORY K ; SMITH JIMMY ; GARDNER TERRY W ; MILLS RON

Assignee(s): HADCO CORP ; HADCO SANTA CLARA INC ; CITIBANK NA ; SCIMEX INC ; SANMINA SCI SYSTEMS HOLDINGS INC ; SCI TECHNOLOGY INC ; US BANK NATIONAL ASSOCIATION SUCCESSOR CORPORAT AS ; US BANK NATIONAL ASSOCIATION SUCCESSOR CORPORATE T ; US BANK NATIONAL ASSOCIATION AS SUCCESSOR CORPORAT ; US BANK NATIONAL ASSOCIATION SUCCESSOR CORPORATE TRUSTEE TO STATE STREET BANK AND TRUST CO NA AS ; US BANK NATIONAL ASSOCIATION NOTES COLLATERAL AGENT AS

Inventor(s): (std): GARDNER TERRY W ; MILLS RON ; SMITH JIMMY ; THOMPSON GREGORY K

Agent(s): WILSON SONSINI GOODRICH AND ROSATI

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

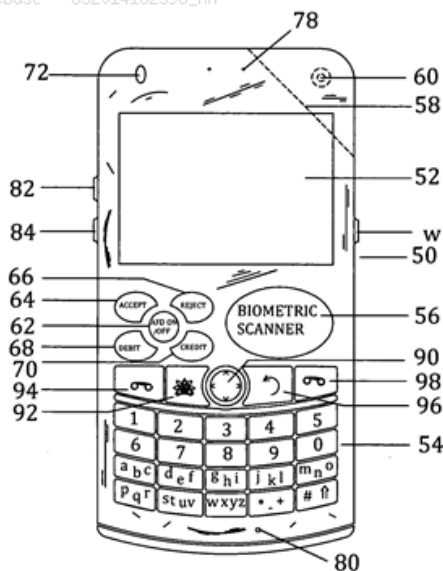
Title: CUSTOMER-CONTROLLED INSTANT-RESPONSE ANTI-FRAUD/ANTI-IDENTITY THEFT DEVICES (WITH TRUE- PERSONAL IDENTITY VERIFICATION), METHOD AND SYSTEMS FOR SECURED GLOBAL APPLICATIONS IN PERSONAL/BUSINESS E-BANKING, E-COMMERCE, E-MEDICAL/HEALTH INSURANCE CHECKER, E-EDUCATION/RESEARCH/INVENTION, E-DISASTER ADVISOR, E-IMMIGRATION, E-AIRPORT/AIRCRAFT SECURITY, E-MILITARY/E-LAW ENFORCEMENT, WITH OR WITHOUT NFC COMPONENT AND SYSTEM, WITH CELLULAR/SATELLITE PHONE/INTERNET/MULTI-MEDIA FUNCTIONS

Abstract: Source: US2014162598A All-in-one wireless mobile telecommunication devices, methods and systems providing greater customer-control, instant-response anti-fraud/anti-identity theft protections with instant alarm, messaging and secured true-personal identity verifications for numerous registered customers/users, with **biometrics** and PIN security, operating with manual, **touch**-screen and/or voice-controlled commands, achieving secured rapid personal/business e-banking, e-commerce, accurate transactional monetary control and management, having interactive audio-visual alarm/reminder preventing fraudulent usage of legitimate physical and/or virtual credit/debit cards, with cheques anti-forgery means, curtailing medical/health/insurance frauds/identity thefts, having integrated cellular and/or satellite telephonic/internet and multi-media means, equipped with language translations, GPS navigation with transactions tagging, currency converters, with or without NFC components, minimizing potential airport risks/mishaps, providing instant aid against school bullying, kidnapping, car-napping and other crimes, applicable for secured military/immigration/law enforcements, providing guided warning/rescue during emergencies and disasters.

Classifications:

International (IPC 8-9): G06K9/00 G06Q20/32 G06Q20/34
G06Q20/40 G08B7/06 H04B1/38 H04L29/06 H04L9/32 H04M1/00
H04M1/66 H04W12/06 (Advanced/Invention)
CPC: H04L9/32 H04L63/04 H04W12/06 H04L63/083 H04L63/0861
G08B7/068 G06K9/00013 G06Q20/3227 H04M1/66 H04M2250/04
H04M2250/14 G06Q20/363 G06Q20/4014 G07C9/00087 G07F7/0886
G06Q20/353 G06Q20/36 G06Q20/40145 G06Q20/32
European: H04M1/66 T04M250/04 T04M250/14
US: 455/411 455/552.1 705/44

PatBase - US2014162598_AA



Family:

Publication number	Publication date	Application number	Application date
GB201308660 A0	20130626	GB20130008660	20111112
GB2503570 A1	20140101	GB20130008660	20111112
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Priority:

US20100458076P 20101117 US20110373368 20111110 WO2011US01878 20111112
US20140120919 20140708

Probable Assignee: VILLA REEL ANTONY E C

Assignee(s): (std): VILLA REAL ANTONY EUCLID C ; VILLA REEL ANTONY E C ; VILLA REEL ANTONY ELUCID CANCHELA

Assignee(s): ANTONY ELUCID CANCHELA VILLA REEL

Inventor(s): (std): VILLA REAL ANTONY EUCLID C ; VILLA REEL ANTONY ELUCID CANCHELA

Inventor(s): ANTONY ELUCID CANCHELA VILLA REEL

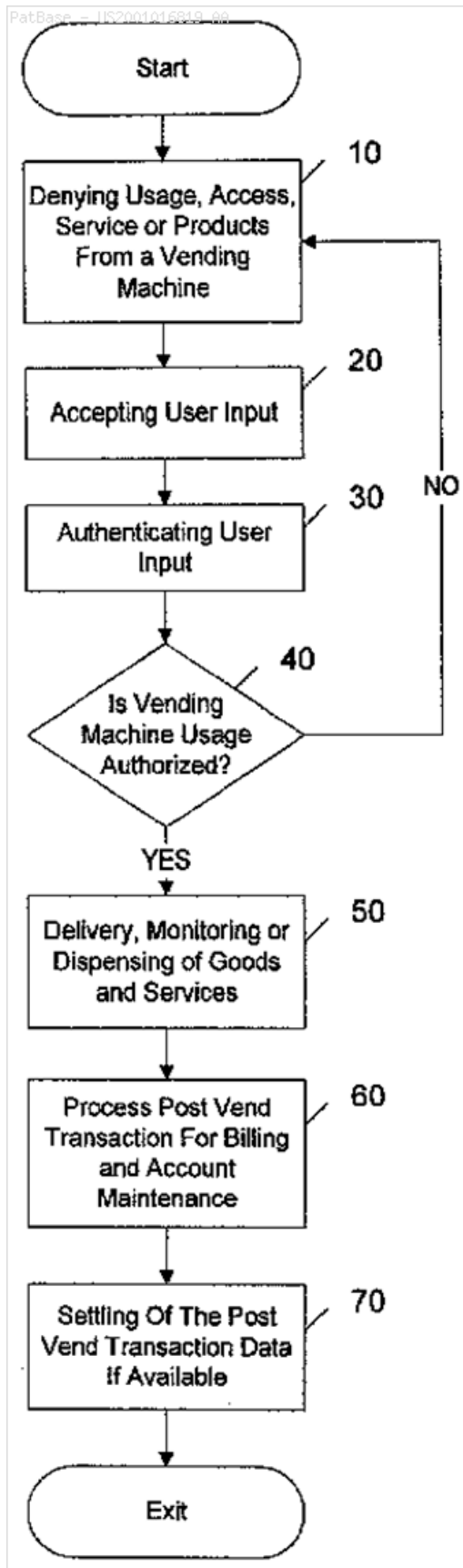
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ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DYNAMIC IDENTIFICATION INTERCHANGE METHOD FOR EXCHANGING ONE FORM OF IDENTIFICATION FOR ANOTHER

Abstract: Source: US2001016819A The present invention relates to a public, private, or cellular phone with access to the Internet for the purposes of transacting e-mail, e-commerce, and e-business and for communicating voice and data. In addition the present invention relates to a universal advertising and payment system and method for networking, monitoring and effectuating e-mail, e-commerce, and e-business and controlling vending equipment and applications. The system can effectuate electronic commerce and interactive advertising at the point of sale in this instance at a public, private or cellular phone. Vending equipment includes copiers, phones (public, private, cellular), facsimile machines, printers, data-ports, laptop print stations, notebook computers, palmtop computers (PALM PILOT), microfiche devices, projectors, scanners, **cameras**, modems, communication access, personal data assistants (PDA's), pagers, and other vending machines, personal computers (PC), PC terminals (NET PC), and network computers (NC). Vending equipment can be networked to each other through a first network, programmable and accessible by a PC, server, point of sale (POS) system, property or management information system (PMS/MIS), and networked to a second network. The first network and second network can be the same network. Complete control of a vending machine's functionality including usage, control, diagnostics, inventory, and marketing data capture can be effectuated locally or by remote connection to the network. Remote connection to the network includes Internet type connections, telecommunication (telephone, ISDN, ADSL), VSAT satellite, and other wire and wireless transmission. The present invention allows a user to obtain authorization for use, pay for products and services, and configure the vending equipment with a smart card, or magnetic card (card). Magnetic cards include phone, smart card, credit card, debit card, pre-paid, automated teller machine (**ATM**) or other bank or private issued card. Users can also use a hotel room key/card or other insertion type-identifying device. Additionally, **biometric** identification such as handwriting, voice, finger, hand, or eye (iris scan) can be utilized to control the system.

Classifications:

International (IPC 8-9): G06F17/60 G06Q10/00 G06Q10/10
G06Q20/00 G06Q20/10 G06Q20/20 G06Q20/32 G06Q20/40
G06Q30/00 G06Q30/02 G06Q30/06 G07F5/18 (Advanced/Invention);
G06Q10/00 G06Q20/00 G06Q30/00 G06Q40/00
G07F5/00 (Core/Invention)
International (IPC 1-7): G06F17/60 G07F7/08 H04L12/16 H04M11/06
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**Family:**

Publication number	Publication date	Application number	Application date
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US6604086 BA	20030805	US19990335327	19990617
US6604087 BA	20030805	US19990352989	19990714
US6606602 BA	20030812	US19990335458	19990617
US6606605 BA	20030812	US20000635306	20000809
US6609102 BB	20030819	US19990293129	19990416
US6609103 BA	20030819	US19990354596	19990716
US6611810 BA	20030826	US19990335460	19990617
US6615183 BA	20030902	US19990352023	19990714
US6622124 BA	20030916	US20000602706	20000623
US6629080 BA	20030930	US20000599166	20000622
US6643623 BA	20031104	US20000603518	20000623
US6684197 BA	20040127	US20000602557	20000623
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US6763336 BA	20040713	US20000602842	20000623
US6807532 BA	20041019	US20000602838	20000623
US7089209 BA	20060808	US20000599078	20000622
WO0004475 A1	20000127	WO1999US15922	19990715
WO0004476 A1	20000127	WO1999US15937	19990714
WO0004477 A1	20000127	WO1999US15938	19990714
WO0005670 A1	20000203	WO1999US08577	19990419

Priority:

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US19990354803	19990716	US19990352989	19990714	US20000635306	20000809
US19990354596	19990716	US19990352023	19990714	US20000602706	20000623
US20000599166	20000622	US20000603518	20000623	US20000602557	20000623
WO1999US15938	19990714	US20000734129	20001211	WO1999US08577	19990419
WO1999US15937	19990714	WO1999US15922	19990715		

Probable Assignee: USA TECHNOLOGIES INC

Assignee(s): (std): KOLLS H BROCK ; USA TECH INC ; USA TECHNOLOGIES INC

Assignee(s): AVIDBANK CORPORATE FINANCE A DIVISION OF AVIDBANK ; HERITAGE BANK OF COMMERCE

Inventor(s): (std): KOLLS H BROCK ; H BROCK KOLLS

Inventor(s): KOLLS H

Agent(s): RATNERPRESTIA

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

Title: SYSTEM AND METHOD FOR PROVIDING TARGETED PROGRAMMING OUTSIDE OF THE HOME

Abstract: Source: US2002166119A A system and method for providing targeted programming to a user outside of the user's home. The method of receiving at least one of a user identification and a user profile, selecting a program based at least in part on the at least one of the user identification and the user profile, and providing a program for presentation to a user outside of the user's home is disclosed. A system including presentation device connected to a controller is also disclosed. The controller receives at least one of a user identification and a user profile, obtains a program based at least in part on the at least one of the user identification and the user profile and provides a program to a presentation device for presentation to a user outside of the user's home.

Classifications:

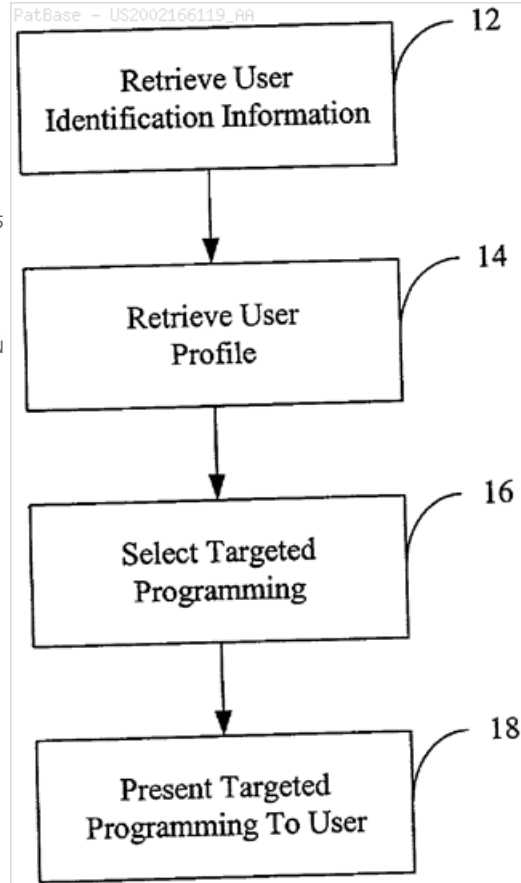
International (IPC 8-9): G06F17/30 H04N21/222 H04N21/231 H04N21/234 H04N21/258 H04N21/2668 H04N21/4227 H04N21/4415 H04N5/44 H04N5/455 H04N7/025 H04N7/16 H04N7/173 H04N7/18 (Advanced/Invention); H04N21/45 H04N21/462 H04N5/38 H04N5/445 (Advanced/Non-invention); G06F17/30 H04N5/44 H04N5/455 H04N7/025 H04N7/16 H04N7/173 H04N7/18 (Core/Invention); H04N5/38 H04N5/445 (Core/Non-invention)

International (IPC 1-7): G06F17/30 G06F17/60 H04N5/38 H04N5/445 H04N7/10 H04N7/173

CPC: H04N5/38 H04N5/4401 H04N7/165 H04N21/222 H04N21/23109 H04N21/23424 H04N21/25883 H04N21/25891 H04N21/2668 H04N21/4227 H04N21/4415 H04N21/4532 H04N21/4622

European: H04N21/222 H04N21/231D H04N21/234S H04N21/258U2 H04N21/258U3 H04N21/2668 H04N21/4227 H04N21/4415 H04N5/44N H04N7/16E3 T04N21/45M3 T04N21/462S T04N5/38

US: 348/E05.093 348/E05.108 348/E07.063 348/E5.093 348/E5.108 348/E50.93S 348/E51.08S 348/E7.063 348/E70.63S 725/153 725/34 725/34P 725/35 725/35S 725/46 725/46S 725/81



Family:

Publication number	Publication date	Application number	Application date
AU2002305250 AA	20021118	AU20020305250	20020426
AU2002305250 BB	20061123	AU20020305250	20020426
CA2446293 AA	20031103	CA20022446293	20020426
EP1454275 A2	20040908	EP20020734060	20020426
EP1454275 A4	20070228	EP20020734060	20020426
JP2004534301 T2	20041111	JP20020588452T	20020426
US2002166119 AA	20021107	US20010851030	20010507
US7305691 BB	20071204	US20010851030	20010507
WO02091273 A2	20021114	WO2002US13293	20020426
WO02091273 A3	20040521	WO2002US13293	20020426

Priority:

US20010851030 20010507 WO2002US13293 20020426

Probable Assignee: OPENTV INC

Assignee(s): (std): ACTV INC

Assignee(s): CRISTOFALO MICHAEL ; CRISTOFALO MICHAEL G ; OPENTV INC

Inventor(s): (std): CRISTOFALO MICHAEL ; CRISTOFALO MICHAEL G

Inventor(s): MICHAEL G CRISTOFALO

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; MARC S; NIXON PEABODY LLP

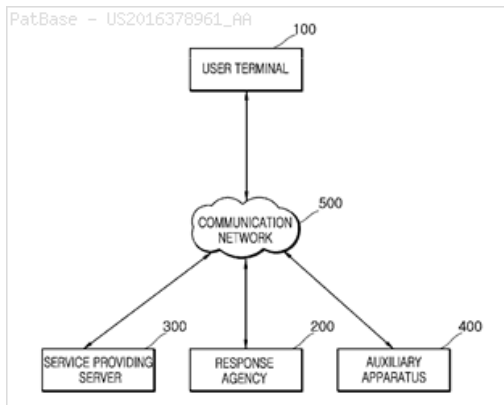
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: SECURITY SYSTEM, APPARATUS AND METHOD USING ADDITIONAL CODE

Abstract: Source: US2016378961A The present invention relates to a system and a method for controlling the use of electronic equipment using a code input method and, more specifically, to a security system, apparatus and method using an additional code, in which the use of functions or services of electronic equipment such as smartphones, mobile equipment, computers, banking terminals, door electronic equipment and service providing servers is restricted, or an additional function for user's convenience is controlled, by using a code input method combined with an additional code having an additional function; and when the electronic equipment is exposed to a criminal, the electronic equipment operates as normal, notifying a response institution of the emergency situation while the criminal's requests are carried out by using a disguised control code including an additional code having an additional function disguised as an authentication code, thereby protecting a user from a crime.

Classifications:

International (IPC 8-9): G06F15/16 G06F21/31 G06F21/32 G06F21/35 G06F21/36 G06F21/46 G06F21/62 G06F21/83 G06F3/0487 G06F3/14 G06Q20/38 G08B21/02 G08B25/04 G08B25/10 H04L29/06 H04L9/32 H04M1/00 H04M11/00 H04Q9/00 H04W12/06 (Advanced/Invention)
CPC: G08B21/02 G08B25/10 H04W4/22 H04W76/007 G06F21/31 G06F21/6245 G06Q20/382 G06F21/32 G06F21/35 G06F21/36 G06F2221/2123 H04L63/083 H04L63/0853 H04L63/1491 H04W12/06 G06F21/46 G06F3/14 G06F15/16 G06F21/83
US: 726/19



Family:

Publication number	Publication date	Application number	Application date
CN105659244 A	20160608	CN201480056259	20140812
EP3035226 A1	20160622	EP20140835819	20140812
EP3035226 A4	20170405	EP20140835819	20140812
IN201647005294 A	20160831	IN201647005294	20160216
JP2016535348 T2	20161110	JP20160534527T	20140812
KR101372575 B1	20140313	KR20130095626	20130812
KR101544749 B1	20150817	KR20140023513	20140227
RU2016108315 A	20170919	RU20160108315	20140812
US2016378961 AA	20161229	US20160910407	20160205
WO15023109 A1	20150219	WO2014KR07489	20140812

Priority:

KR20130095626 20130812 KR20140011719 20140129 KR20140023513 20140227
 WO2014KR07489 20140812

Probable Assignee: BASWEN INC

Assignee(s): (std): BASWEN INC ; PARK HYEON SOO

Inventor(s): (std): PARK HYEON SOO

Agent(s): ALGEMEEN OCTROOI EN MERKENBUREAU BV; SAEGUSA AND PARTNERS; AJU KIM CHANG AND LEE

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 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: UNIVERSAL INTEGRATION AND INTERACTION OF MULTIPLE TECHNOLOGIES AND THE HUMAN SIGNALS METHOD

Abstract: The adaptation of any electronic device or networks thereof into a global network which can be interacted with using human produced signals, both aural and mental.

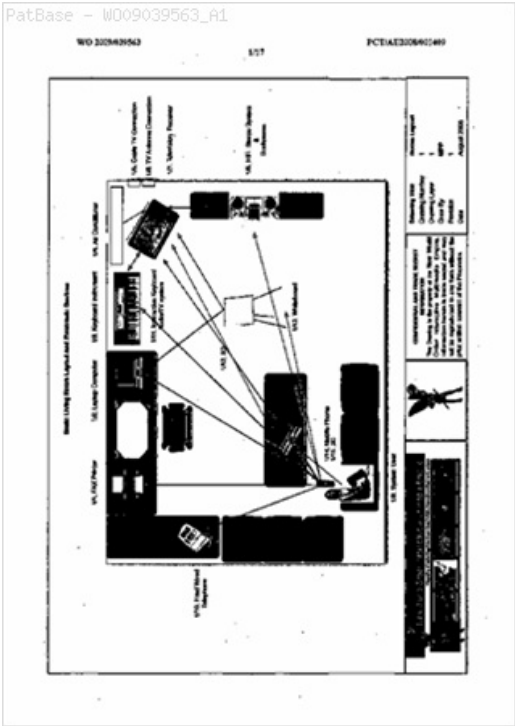
Classifications:

International (IPC 8-9): G06Q90/00 (Advanced/Invention);
G06Q90/00 (Core/Invention)

International (IPC 1-7): G06Q90/00

CPC: G06Q90/00

European: G06Q90/00



Family:

Publication number	Publication date	Application number	Application date
AU2008303053 AA	20090402	AU20080303053	20080923
CA2693984 AA	20090402	CA20082693984	20080923
IN02862DN2010 A	20101001	IN2010DN02862	20100426
WO09039563 A1	20090402	WO2008AU01409	20080923

Priority:

US20070975767P 20070927 WO2008AU01409 20080923

Probable Assignee: MICHELLE POWER

Assignee(s): (std): MICHELLE POWER ; PULE MICHELLE LINDA

Assignee(s): POWER MICHELLE

Inventor(s): (std): POWER MICHELLE LINDA ; PULE MICHELLE LINDA

Inventor(s): MICHELLE LINDA POWER ; POWER MICHELLE

Agent(s): POWER MICHELLE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

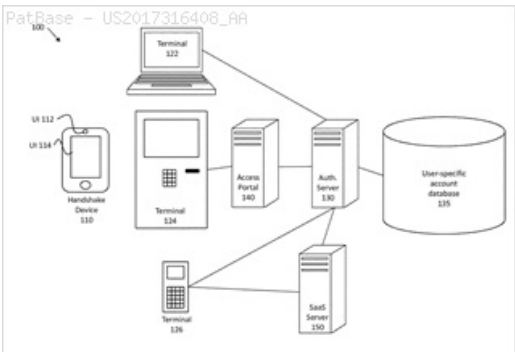
Title: BIONUMERICAL AUTHENTICATION SYSTEMS

Abstract: Source: US2017316408A A system is disclosed that adds a layer of security to a user who wishes to access an account. The system requires the user to enter both a private PIN number and **biometric** data (e.g. a fingerprint, an eye scan) into a device, which will then combine the data to create a new, secure PIN. The new PIN is then used to access the account. The new PIN could also be generated using ancillary data, such as the time of the request, a request PIN sent to the device from a server, or a GPS location of the device. In other embodiments, the device itself could transmit the new PIN instead of requiring the new PIN to be entered via the user.

Classifications:

International (IPC 8-9): G06Q20/10 G06Q20/38 G06Q20/40
H04L29/06 H04L9/14 H04L9/30 (Advanced/Invention)

CPC: G06Q20/3829 H04L63/0869 H04L63/06 H04L9/30 G06Q20/1085
H04L9/14 G06Q20/40145 G06Q2220/00



Family:

Publication number	Publication date	Application number	Application date
US2017316408 AA	20171102	US20160143966	20160502

Priority:

US20160143966 20160502

Probable Assignee:

OAKLEY KAMBEL

Assignee(s): (std):

OAKLEY KAMBEL

Inventor(s): (std):

BERNESBY JACOB ROBERT

Title: **ATM** with **biometric** verification

Abstract: Source: GB2338815A An **ATM** 160 includes an input device, such as a numeric keypad 110, card reader 145 or **touch** screen 105, a **biometric** input device such as a digital **camera** 125, a storage device which includes a customer database, and an electronic processor which compares **biometric** input data with stored data, contacts a verification network to request authorization for a cash advance, and approves the cash advance subject to authorization. The **ATM** may include a cheque reader 130, two **cameras** 125, lights 155, a microphone 120, a speaker 115 and a voice synthesizer. The **ATM** may be able to cash cheques and approve loans, and may be able to contact a human operator at a service centre for assistance. The **biometric** information may include data taken from a users face, palm, fingers, iris, retina, DNA, or voice.

Classifications:

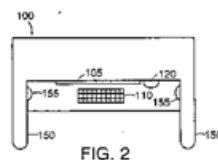
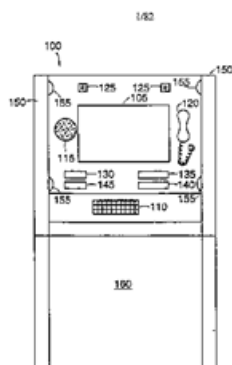
International (IPC 8-9): G07F19/00 G07F7/10 (Advanced/Invention);
G07F19/00 G07F7/10 (Core/Invention)

International (IPC 1-7): G07F19/00

CPC: G06Q20/341 G06Q20/40145 G07F7/1008 G07F19/20
G07F19/201

European: G06Q20/341 G06Q20/40145 G07F19/00F G07F19/20
G07F19/201 G07F7/10D

PatBase - GB2338815_A1



Family:

Publication number	Publication date	Application number	Application date
CA2276017 AA	19991225	CA19992276017	19990623
GB2338815 A1	19991229	GB19990014847	19990624
GB2338815 B2	20010124	GB19990014847	19990624
GB9914847 A0	19990825	GB19990014847	19990624

Priority:

CA19992276017 19990623 US19980104702 19980625

Probable Assignee: MR PAYROLL CORP

Assignee(s): (std): MR PAYROLL CORP

Assignee(s): STINSON MICHAEL C ; TEMPLER JOHN W JR ; CLOWER DYRON

Inventor(s): (std): CLOWER DYRON ; STINSON MICHAEL C ; TEMPLER JOHN W JR ; TEMPLER JR JOHN W

Inventor(s): TEMPLER JOHN W ; DYRON CLOWER ; JOHN W TEMPLER JR ; MICHAEL C STINSON

Agent(s): GOUDREAU GAGE DUBUC

Title: **BIOMETRIC** IDENTIFICATION AND AUTHENTICATION SYSTEM FOR FINANCIAL ACCOUNTS

Abstract: Source: US2011087611A A method and an apparatus of **biometric** identification and authentication for financial transaction are disclosed. In one aspect, an automated teller machine is provided to assist a user to make a financial transaction. A linguistic command data is processed to create an account of the user. The user is directed to place a finger on a fingerprint scanner and the fingerprint is imaged. The user is directed to place an iris of in front of an iris scanner, and/or to place a face of the user in front of a **camera** to collect **biometric** data of the user. A name and address of the user is correlated to identify the account of the user. The face, fingerprint and/or iris of the user is imaged and compared to the **biometric** data to verify identify. An access to the account is provided on verifying the identity of the user.

Classifications:

International (IPC 8-9): G06F21/00 G06K9/00 G06K9/46 G06Q10/00 G06Q20/00 G06Q20/38 G06Q20/40 G06Q40/00 G06Q40/02 G06Q50/26 (Advanced/Invention);

G06K9/68 G10L17/00 (Advanced/Non-invention)

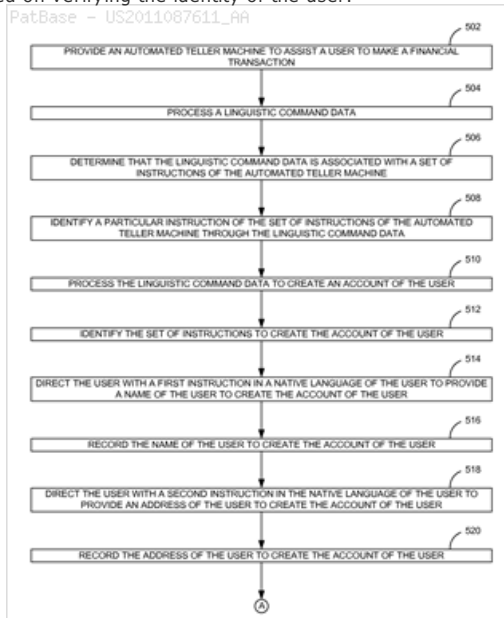
CPC: G10L17/00 G06Q20/382 G06K9/00892 G06K9/00973

G06K9/6807 G06Q20/40145 G06Q40/02 G06Q50/265

European: G06K9/00X1 G06Q40/02 G06Q50/265 G10L17/00U

US: 1/1 382/118 382/118S 704/246 704/246S 705/325 705/325P 705/43

PatBase - US2011087611_AA



Family:

Publication number	Publication date	Application number	Application date
CN102656601 A	20120905	CN201080056904	20101008
EP2488998 A2	20120822	EP20100823861	20101008
IN04109CN2012 A	20140214	IN2012CN04109	20120509
US2011087611 AA	20110414	US20100752178	20100401
US2013311367 AA	20131121	US20130951489	20130726
US9152960 BB	20151006	US20130951489	20130726
WO11046810 A2	20110421	WO2010US51885	20101008
WO11046810 A3	20110630	WO2010US51885	20101008

Priority:

US20090251304P 20091014 US20100752178 20100401 WO2010US51885 20101008
US20130951489 20130726

Probable Assignee: KISHORE LIVING TRUST

Assignee(s): (std): CHETAL SHYAM ; GIOLMA WILLIAM HENRY ; SHYAM CHETAL

Assignee(s): SOFT TOUCH SYSTEMS INC ; KISHORE LIVING TRUST

Inventor(s): (std): CHETAL SHYAM ; GIOLMA WILLIAM HENRY ; SHYAM CHETAL

Agent(s): DERRY PAUL STEFAN; RAJ ABHYANKER PC; RAJ ABHYANKER P C

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 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 PE PG PH PL PT RO RS RU 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: NETWORKING SYSTEMS

Abstract: Source: US2013339509A A system, method, and computer program product are provided for establishing secured connections between trusted users and a plurality of networkable consumer devices In different embodiments, various features may be further incorporated in association with the system, method, and computer program product, for improvement purposes.

Classifications:

International (IPC 8-9): G06Q10/10 H04L12/24 H04L29/06

H04L29/08 (Advanced/Invention);

H01L29/12 H04L29/12 (Advanced/Non-invention)

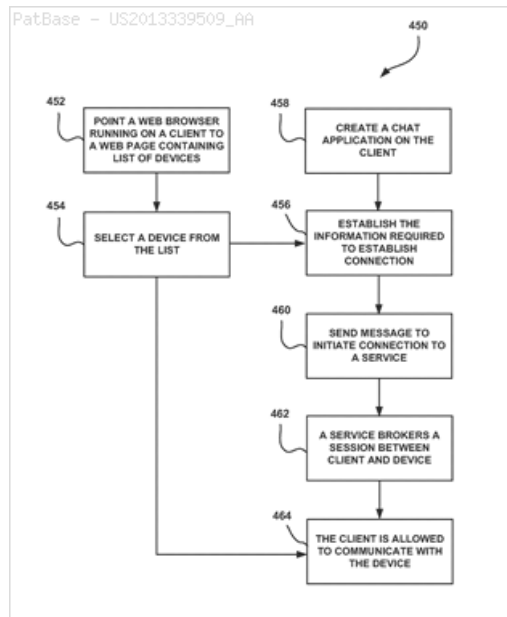
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H04L41/0803 Y04S40/162 H04L41/28 H04L63/0823 H04L63/168

H04L67/141 H04W12/06 H04L61/1511 H04L61/301 H04L61/305

US: 709/223 713/160

**Family:**

Publication number	Publication date	Application number	Application date
US2013339509 AA	20131219	US20130918773	20130614
US2016315824 AA	20161027	US20160202489	20160705
US2016344745 AA	20161124	US20140520389	20141022
US2017272316 AA	20170921	US20170613281	20170605
WO13188835 A2	20131219	WO2013US46004	20130614
WO13188835 A3	20150618	WO2013US46004	20130614

Priority:

US20060826887P	20060925	US20070860876	20070925	US20070883637P	20070105
US20130918773	20130614	US20120660619P	20120615	US20140493278	20140922
US20140499362	20140929	US20140517843	20141018	US20130865910	20130418
US20160202489	20160705	US20140520389	20141022	US20140534155	20141105
US20150956386	20151201	US20150589951	20150105	US20170613281	20170605

Probable Assignee: WEAVED INC

Assignee(s): (std): WEAVED INC ; YOICS INC

Inventor(s): (std): JOHNSON MICHAEL ; JOHNSON MICHAEL W ; KOYAMA RYO ; SMITH MICHAEL J S

Inventor(s): SMITH MICHAEL JS

Agent(s): ROSSI JAMIE

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 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 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: MULTI-SERVER FRACTIONAL SUBDOMAIN DNS PROTOCOL

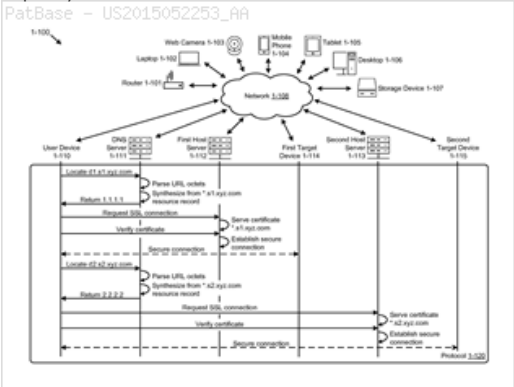
Abstract: Source: US2015052253A The present disclosure provides a detailed description of techniques used in methods, systems, and computer program products for a multi-server fractional subdomain DNS protocol. The disclosure addresses the problem of cost-effectively scaling the number of devices securely connected to the Internet. More specifically, some claims are directed to approaches for rapidly adding device subdomains while minimizing the deployment of digital security certificates by observing a fractional subdomain specification and translation protocol, which claims advance the technical fields related to cost-effectively scaling the number of devices securely connected to the Internet, as well as advancing peripheral technical fields. Some claims improve the functioning of multiple systems within the disclosed environments.

Classifications:

International (IPC 8-9): H04L12/911 H04L29/12 (Advanced/Invention)

CPC: H04L61/1511 H04L61/2015 H04L63/0823 H04L63/166
H04L67/02 H04L61/3045

US: 709/226



Family:

Publication number	Publication date	Application number	Application date
US2015052253 AA	20150219	US20140493278	20140922

Priority:

US20140493278 20140922

Probable Assignee: WEAVED INC

Assignee(s): (std): WEAVED INC

Inventor(s): (std): JOHNSON MICHAEL W ; KOYAMA RYO ; SMITH MICHAEL J S

Inventor(s): SMITH MICHAEL JS

Title: APPARATUS AND METHOD OF PERFORMING FINANCIAL BUSINESS TRANSACTIONS

Abstract: Source: US2010127069A An apparatus and method of performing financial business transactions is disclosed. The apparatus includes a Point-of-Service (POS) terminal for providing Automated Teller Machine (**ATM**) functions; a motorized card terminal for providing KIOSK functions; and at least one **biometric** device for authenticating the KIOSK functions. The apparatus can further include a LCD **touch** screen for providing both digital advertising for vendors and instructional information for the **ATM** functions. The LDC screen also allows a user to complete the KIOSK functions. The at least one **biometric** device is a palm vein scanner and a fingerprint scanner.

Classifications:

International (IPC 8-9): G06Q40/00 (Advanced/Invention);

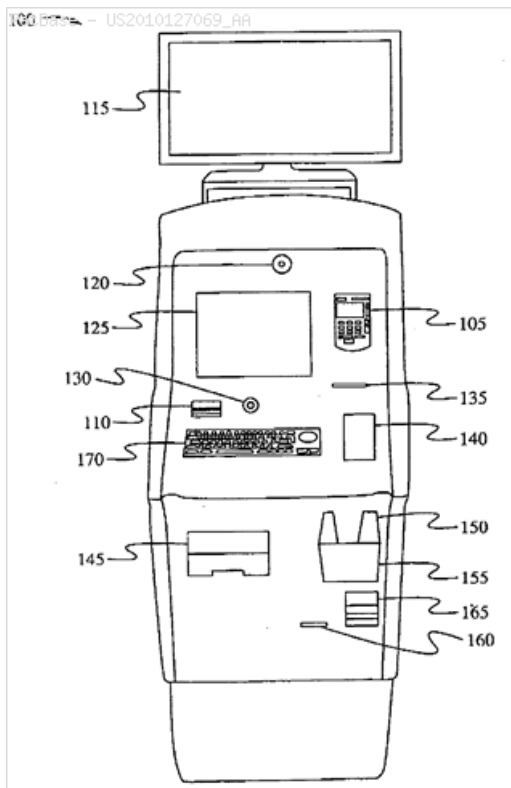
G06Q40/00 (Core/Invention)

CPC: G06Q20/18 G06Q20/40145 G07F7/1016 G07F19/20 G07G1/12

European: G06Q20/18 G06Q20/40145 G07F19/00F G07F19/20

G07F7/10E G07G1/12

US: 235/379 235/379P

**Family:**

Publication number	Publication date	Application number	Application date
US2010127069 AA	20100527	US20080277945	20081125

Priority:

US20080277945 20081125

Probable Assignee:

HENTON SR DAVID

Assignee(s): (std):

HENTON SR DAVID

Inventor(s): (std):

HENTON SR DAVID

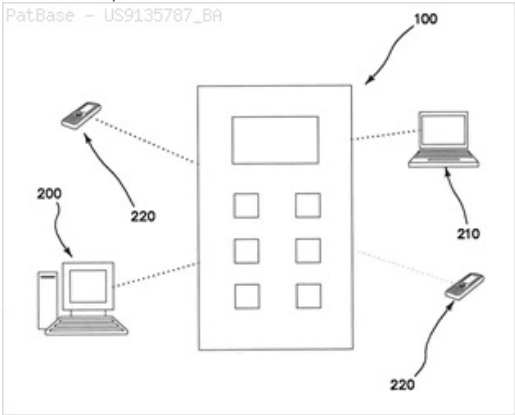
Agent(s):

DAVID HENTON SR

Title: BITCOIN KIOSK/**ATM** DEVICE AND SYSTEM INTEGRATING ENROLLMENT PROTOCOL AND METHOD OF USING THE SAME

Abstract: Source: US9135787B A standalone Bitcoin kiosk/**ATM** device including a bill validator, bill dispenser, printer, one or more scanners/readers, **touch** screen display, processor/controller and wireless internet connection means (e.g. modem). An enrollment and security protocol involves a processor programmed to run executable instructions, said executable instructions causing said processor to facilitate: (i) receipt of a customer's mobile phone number via the user interface; (ii) transmission of a text message including a random code to the mobile phone of the customer; (iii) receipt and confirmation of the random code entered by the customer via the user interface; (iv) receipt of a PIN entered by the customer via the user interface; (v) receipt of a palm vein pattern via the **biometric** interface; (vi) receipt of a customer photo via the **camera**; and (vii) receipt of identification data including photo via the ID scanner/reader.

Classifications:
International (IPC 8-9): G06Q40/00 G07D11/00
G07F19/00 (Advanced/Invention)
CPC: G07F19/201
US: 1/1



Family:

Publication number	Publication date	Application number	Application date
US9135787 BA	20150915	US20140245971	20140404

Priority:
US20140245971 20140404

Probable Assignee: ENTER INC
Assignee(s): (std): RUSSELL JOHN W ; RUSSELL MARK
Assignee(s): ENTER INC
Inventor(s): (std): RUSSELL JOHN W ; RUSSELL MARK
Agent(s): GREENBERG TRAURIG LLP

Title: EFFICIENT LOGON

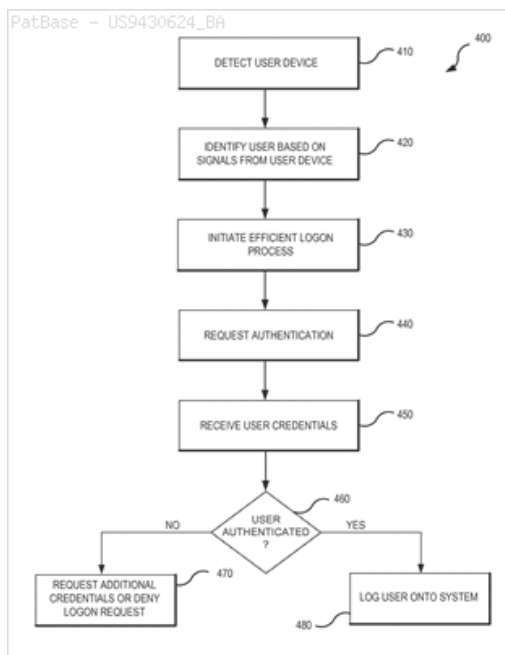
Abstract: Source: US9430624B Methods and systems for efficiently logging in or onto a computer system or other restricted system are described. An enterprise device may detect that a user device is within a detectable range of the user device. A user profile associated with the user device may be identified. The user and/or the user device may provide authentication information to the enterprise device, and the user may be granted access when the authentication information has been verified.

Classifications:

International (IPC 8-9): G06F21/31 H04L29/06
H04W4/00 (Advanced/Invention)

CPC: H04L63/08 H04W4/008 G06F2221/2111 G06F21/35

US: 1/1

**Family:**

Publication number	Publication date	Application number	Application date
US9430624 BA	20160830	US20130874289	20130430
US9509676 BA	20161129	US20150630038	20150224

Priority:

US20130874289 20130430 US20150630038 20150224

Probable Assignee: UNITED SERVICES AUTOMOBILE ASSOCIATION USAA

Assignee(s): (std): UNITED SERVICES AUTOMOBILE ASS USAA

Assignee(s): UNITED SERVICES AUTOMOBILE ASSOCIATION USAA

Inventor(s): (std): JOHNSON ZAKERY LAYNE ; RANGARAJAN SUDARSHAN ; SHELTON JOHN ; MORTENSEN MALAND KEITH ; FERNANDEZ GABRIEL CARLOS ; CASILLAS DEBRA RANDALL ; BUCKINGHAM THOMAS BRET

Agent(s): PERKINS COIE LLP

Title: SYSTEMS AND METHODS TO OPEN AND CLOSE THE ACCESS FOR THE AUTHORIZATION OF CHARGING A CHECKING ACCOUNT, SAVINGS ACCOUNT, MONEY MARKET ACCOUNT, CREDIT ACCOUNT, INVESTMENT ACCOUNT AND/OR A REWARD POINTS ACCOUNT THROUGH A MOBILE OR WEB APP.

Abstract: Source: US2016260081A Systems and methods to open and close the access for the authorization of charging a checking account, savings account, money market account, investment account, credit account and/or reward points account through an app for mobile devices or Web. It includes computer programming systems, methods and products to create a security system that authenticates the financial service users. The system is controlled remotely or on-site, a mobile device sends authorization information to the bank or financial institution for access to the user financial accounts, enabling these to keep active for a determined time span. A use method and system with two modes: pre-authorized access and access in real time.

Classifications:

International (IPC 8-9): G06Q20/10 G06Q20/20 G06Q20/32

G06Q20/38 G06Q20/40 (Advanced/Invention)

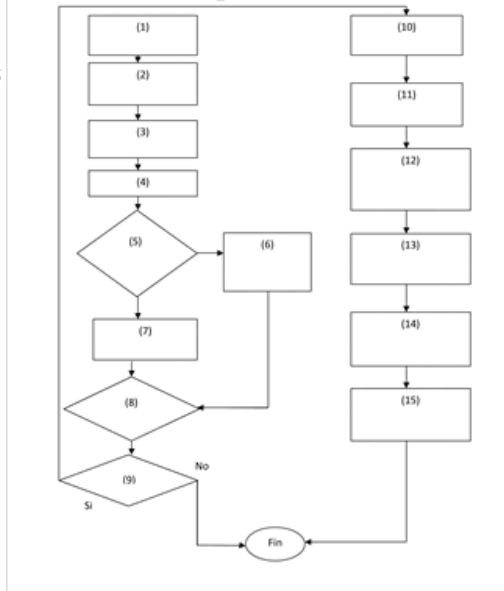
CPC: G06Q20/3224 G06Q20/4014 G06Q20/3227 G06Q20/38215

G06Q20/204 G06Q20/1085 G06Q20/3223 G06Q20/3226 G06Q20/405

G06Q20/407

US: 705/76

PatBase - US2016260081_AA



Family:

Publication number	Publication date	Application number	Application date
US2016260081 AA	20160908	US20150639502	20150305

Priority:

US20150639502 20150305

Probable Assignee:

ZERMENO RICARDO

Assignee(s): (std):

ZERMENO RICARDO

Inventor(s): (std):

ZERMENO RICARDO

Title: CARDLESS AUTOMATED TELLER TRANSACTIONS

Abstract: Source: US6045039A A cardless automated financial transaction apparatus includes an input device configured to generate an input signal corresponding to a customer identifier in response to actuation of the input device by a customer, a **biometric** device configured to receive **biometric** information about the customer, a storage device including a database of customer information, the customer information including stored **biometric** information, a connection to a banking network provider, and an electronic processor. The processor is configured to receive the input signals from the input device, receive **biometric** information from the **biometric** device, and access the database of customer information in response to the input signals to obtain data about the customer identified by the customer identifier, the data including stored **biometric** information for the customer. The processor then compares the received **biometric** information to the stored **biometric** information, and provides a message to the banking network provider confirming the customer's identity when the received **biometric** information matches the stored **biometric** information.

Classifications:

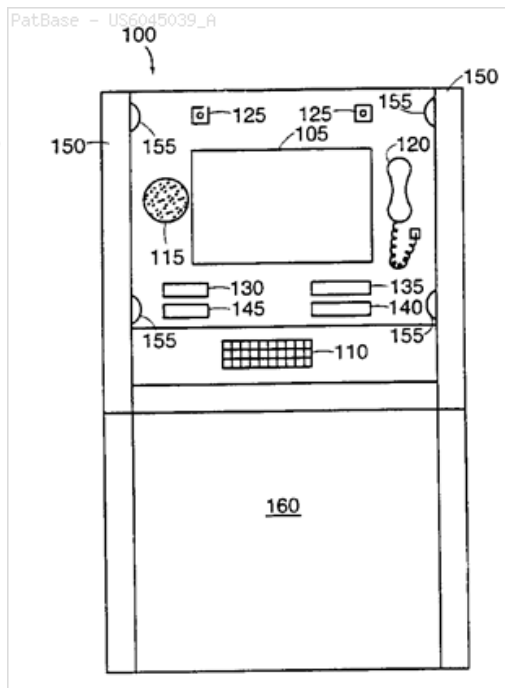
International (IPC 8-9): G06Q20/00 G06Q20/10 G06Q20/18 G06Q20/20 G06Q20/40 G07C9/00 G07D7/00 G07F19/00 G07F7/10 G07F7/12 (Advanced/Invention);
G06Q20/00 G07C9/00 G07D7/00 G07F19/00 G07F7/10 G07F7/12 (Core/Invention)

International (IPC 1-7): G06F15/20 G06F17/60 G06F19/00 G06K5/00 G07F17/60

CPC: G06Q20/18 G06Q20/40145 G07C9/00079 G07D7/00 G07F7/08 G07F7/10 G07F19/20 G07F19/202 G06Q20/202 G06Q20/40 G07C9/00087 G06Q20/1085

European: G06Q20/1085 G06Q20/18 G06Q20/202 G06Q20/40 G06Q20/40145 G07C9/00B6D2 G07C9/00B6D4 G07D7/00 G07F19/00F G07F19/20 G07F19/202 G07F7/08 G07F7/10

US: 235/375 235/379 235/380 235/381 235/382 235/992 382/115 70/54.3 705/21 705/43 705/44 902/3 902/5



Family:

Publication number	Publication date	Application number	Application date
AU199861419 A1	19980826	AU19980061419	19980206
US6045039 A	20000404	US19970951540	19971016
US6145738 A	20001114	US19970854321	19970512
US6149056 A	20001121	US19970854326	19970512
US6286756 BA	20010911	US20000514574	20000228
US6695204 BA	20040224	US20000528411	20000317
US6786398 BA	20040907	US20000514570	20000228
US6856965 BA	20050215	US19990340610	19990628
WO9835298 A1	19980813	WO1998US02017	19980206

Priority:

US19970036923P	19970206	US19970854321	19970512	US19970951540	19971016
US19990340610	19990628	US20000514570	20000228	US19970854326	19970512
US20000514574	20000228	WO1998US02017	19980206	US20000528411	20000317

Probable Assignee: ATC REALTY FIFTEEN INC

Assignee(s): (std): INNOVENTRY CORP ; MR PAYROLL CORP ; ATC REALTY FIFTEEN INC

Assignee(s): INNOVENTRY A OF DELAWARE CORP ; WELLS RGO AND CO FA ; WELLS FARGO BANK NA ; WELLS FARGO AND CO

Inventor(s): (std): CLOWER DYRON ; DYRON CLOWER ; JOHN W TEMPLER JR ; MICHAEL C STINSON ; STINSON MICHAEL C ; TEMPLER JOHN W JR ; TEMPLER JR JOHN W

Inventor(s): TEMPLER JOHN W

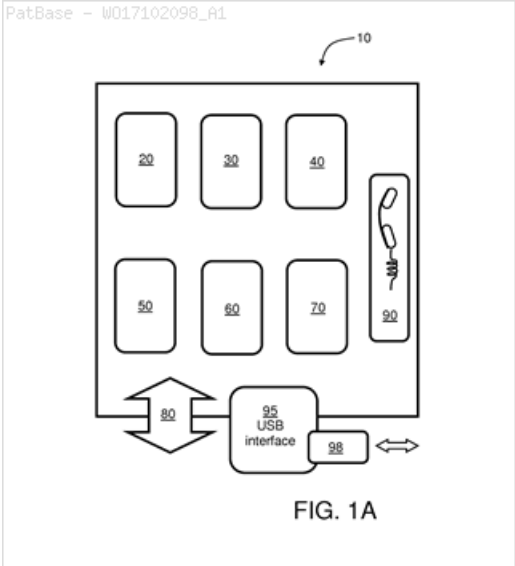
Agent(s): GLENN D; GREENEBAUM DOLL AND MCDONALD PLLC

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

Title: FINANCIAL APPARATUS AND METHOD

Abstract: A financial apparatus (10) is operable to function as a kiosk/**ATM** device. The financial apparatus (10) includes computing hardware (70) for executing one or more program instructions, and a user-interface arrangement (20, 30, 40, 50, 60) coupled in communication within the financial apparatus (10) to the computing hardware (70). The user-interface arrangement (20, 30, 40, 50, 60), in cooperation with the computing hardware (70), is operable to support at least one of: (i) dispensing fiat currency notes and/or coins against debiting a user account; (ii) receiving fiat currency notes and/or coins for crediting the user account; (iii) performing financial transactions between cyber-currencies and fiat currencies; (iv) playing one or more computer-based games involving fiat currency and/or cyber-currency transactions; and (v) providing communication with support personnel and/or support avatars for assisting in financial transactions. The user-interface arrangement includes a telephone-type handset arrangement (90) for providing communication with other users, with support personnel and/or with support avatars for assisting user when executing financial transactions. The financial apparatus (10) is constructed in a modular manner, for enabling one or more modules to be added, removed, and/or exchanged, wherein the one or more modules provide functionalities associated with the computing hardware (70) and the user-interface arrangement (20, 30, 40, 50, 60). Moreover, at least a subset of the one of more modules are mutually coupled and/or coupled to the computing hardware (70) via one or more serial data communication buses.

Classifications:
International (ipc 8-9): G06Q20/32 G06Q20/38
G07F19/00 (Advanced/Invention)
CPC: G07F19/20 G06Q20/322 G06Q20/381



Family:

Publication number	Publication date	Application number	Application date
GB201522464 A0	20160203	GB20150022464	20151219
GB2545509 A1	20170621	GB20150022464	20151219
WO17102098 A1	20170622	WO2016EP25180	20161216

Priority:

GB20150022464 20151219

Probable Assignee: HELIOPAY LTD

Assignee(s): (std): HELIOPAY LTD

Inventor(s): (std): DONALD FORBES ; FORBES DONALD ; MICHAEL MORRIS ; MORRIS MICHAEL

Agent(s): NORRIS TIMOTHY SWEYN

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 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: METHOD OF INTERATING IMAGING PRODUCTS/SERVICES WITH NON-IMAGING PRODUCTS/SERVICES IN A SINGLE KIOSK

Abstract: Source: US2002105665A A method of integrating photographic imaging products and services functionality with non-imaging functionality using the automatic teller machine (**ATM**) functions for providing financial transactions as the preferred embodiment wherein a single kiosk is disclosed. This invention provides the consumer with the flexibility to generate imaging products and conduct imaging services or perform **ATM**-related transactions independent of one another; to incorporate images into producing customized financial instruments at the kiosk; to access financial institution services to store or retrieve images as part of providing either imaging products/services or **ATM** financial instruments; and to utilize the customer's financial accounts and/or financial instruments as a means for payment of imaging products/services rendered at the kiosk. The present invention leverages the infrastructure, equipment and networking capabilities of both sets of functionality to provide an economy of scale and an increased value of differentiation not currently available.

Classifications:

International (ipc 8-9): G06F3/12 G06Q40/00 G06T1/00 G07D9/00 H04N1/00 H04N1/21 H04N1/387 (Advanced/Invention); H04N1/34 (Advanced/Non-invention); G06F3/12 G06Q40/00 G06T1/00 G07D9/00 H04N1/00 H04N1/21 H04N1/387 (Core/Invention); H04N1/34 (Core/Non-invention)

International (ipc 1-7): G06F13/00 G06F15/00 G06F17/60 G06F3/12 G06K15/02 G06K9/00 G06K9/20 G06K9/36 G06T1/00 G06T5/00 G07D9/00 H04N1/00 H04N1/387

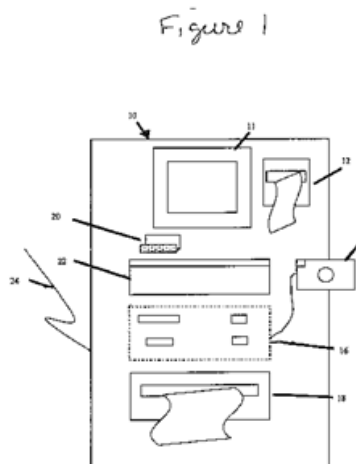
CPC: H04N1/00127 H04N1/00132 H04N1/00143 H04N1/00161 H04N1/00167 H04N1/00169 H04N1/00172 H04N1/00188 H04N1/00193 H04N1/34

European: H04N1/00C H04N1/00C2D H04N1/00C2F H04N1/00C2G H04N1/00C2H H04N1/00C2H2 H04N1/00C2R2 H04N1/00C2R4 H04N1/00C6 H04N1/21B3 T04N1/00C2 T04N1/34 T04N201/00J3

US: 358/1.13 358/1.130P 358/1.15 358/1.150P 358/1.150S 358/1.18 358/1.180S 358/3.28 358/3.280S 382/115 382/115S 382/118 382/118S 382/119 382/119S

PatBase - US2002105665_AA

Patent Application Publication Aug. 8, 2002 Sheet 1 of 8 US 2002/019665 A1



Family:

Publication number	Publication date	Application number	Application date
EP1231766 A2	20020814	EP20020075337	20020128
EP1231766 A3	20041013	EP20020075337	20020128
JP2002359717 A2	20021213	JP20020032666	20020208
US2002105665 AA	20020808	US20010779335	20010208
US2006193004 AA	20060831	US20060370492	20060308

Priority:

US20010779335 20010208 US20060370492 20060308

Probable Assignee: EASTMAN KODAK CO

Assignee(s): (std): EASTMAN KODAK CO

Assignee(s): EASTMAN KODAK COMPANY

Inventor(s): (std): WASILEWSKI JEROME J ; MANICO JOSEPH A ; FREDLUND JOHN R ; ABENS DANIEL J

Inventor(s): ABENS DANIEL ; FREDLUND JOHN ; MANICO JOSEPH ; WASILEWSKI JEROME

Agent(s): TSURUTA JUNICHI; NISHIYAMA MASAYA; HIGUCHI SOTOJI; ISHIDA TAKASHI; MARK G BOCCHETTI
PATENT LEGAL STAFF

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR