

1) Family number: 28609772 (US2003070072 AA)

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Title: SYSTEM AND METHOD OF IDENTITY AND SIGNATURE AND DOCUMENT AUTHENTICATION USING A VIDEO CONFERENCE

Abstract: The present invention utilizes real time, live stream videoconferencing as a means to conduct various types of transactions whereby the identity of the person or the signature of the person or an electronic document must be authenticated, and whereby the parties are geographically remote. To this end, the inventive device includes a video conference or communication system, simultaneous audio and video exchange, an electronic signature capture device, a digital certificate, an electronic notary device, biometric data input; an electronic document repository, encryption technology, and a central process service center.

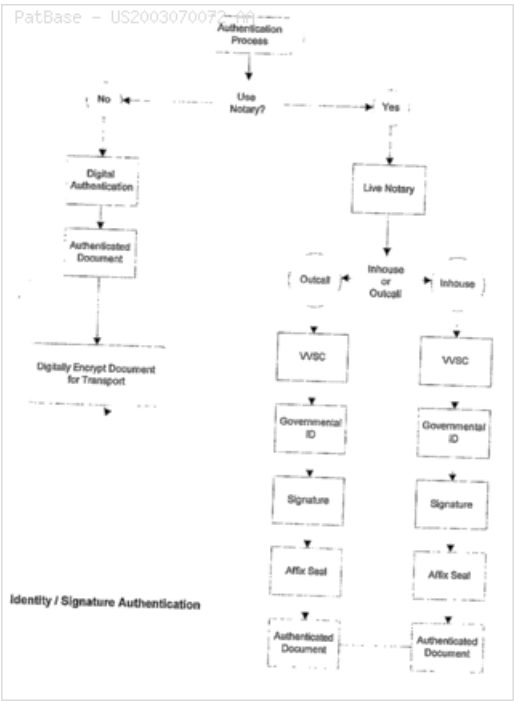
Classifications:

International (IPC 8-9): H04L9/32 H04N7/14

International (IPC 1-7): H04L9/00

CPC: H04L2209/56 H04L2209/601 H04L9/3231 H04L9/3247 H04L9/3263 H04N7/147

US: 348/E7.081 713/168 713/186



Family:

Publication number	Publication date	Application number	Application date
US2003070072 AA	20030410	US20010973273	20011009

Priority:

US20010973273 20011009

Probable Assignee:

NASSIRI NICK

Assignee(s): (std):

NASSIRI NICK

Inventor(s): (std):

NASSIRI NICK

Inventor(s):

NICK NASSIRI

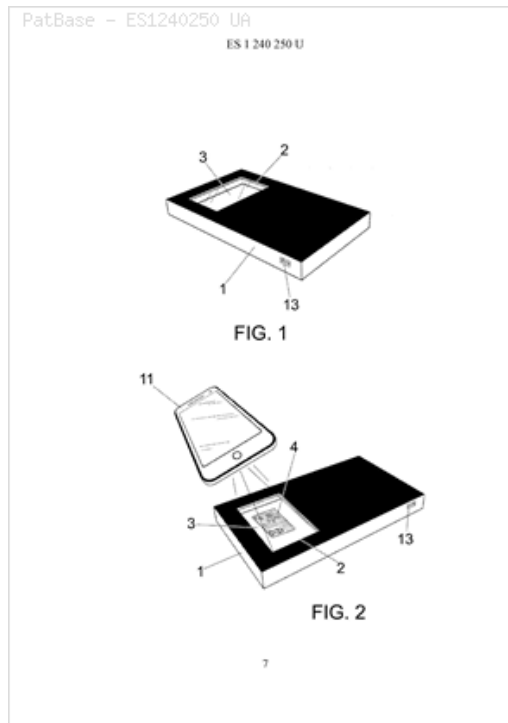
2) Family number: 77518332 (ES1240250 UA)

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Title: PORTABLE DEVICE FOR DOCUMENT AUTHENTICATION (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Portable device for the authentication of documents, characterized in that it is constituted from a housing (1), with a portable character, in which a window (2) with its corresponding protective glass (3), window of corresponding dimensions is established to the documents (4) to be verified, under which an electronic plate (5) with a plurality of LED diodes (6-7-8), of natural white light, infrared light and ultraviolet light is established, the plate being provided electronics (5) is associated with a microcontroller (9), equipped with means to control the sequence of ignition of the LEDs (6-7-8), microcontroller (9) which is in turn associated with a communications module (10), either wired or wireless (WIFI or Bluetooth), so that the device can be controlled through an application installed on a mobile phone (11) of type "Smartphone". Portable device for document authentication, according to claim 1, characterized in that the infrared light diodes are of different wavelengths, between 950 and 980 nm. 3. Portable device for document authentication, according to claim 1, characterized in that the ultraviolet light diodes are of different wavelengths, between 254 and 400 nm. 4. Portable device for document authentication, according to claim 1, characterized in that it includes a rechargeable battery (12) and/or a port (13) for connection to the mobile device (11) Smartphone. (Machine-translation by Google Translate, not legally binding)

Classifications:

**Family:**

Publication number	Publication date	Application number	Application date
ES1240250 UA	20200128	ES20190031024U	20190618
ES1240250 Y	20200729	ES20190031024U	20190618
ES1240250 Y1	20200729	ES20190031024U	20190618

Priority:

ES20190031024U 20190618

Probable Assignee: INFORMATICA EL CORTE INGLES S A**Assignee(s):** (std): INFORMATICA EL CORTE INGLES S A**Inventor(s):** (std): ARANDA ESTEPA MANUEL ; CALDERON PALACIOS MANUEL ; CRESPO ZARAGOZA JUAN CARLOS ; MONESMA ALVARO FRANCISCO JOSE**Inventor(s):** FRANCISCO JOSE MONESMA ALVARO ; JUAN CARLOS CRESPO ZARAGOZA ; MANUEL ARANDA ESTEPA ; MANUEL CALDERON PALACIOS**Agent(s):** IGNACIO TORO GORDILLO; IGNACIO TORO TORO; TORO IGNACIO**3) Family number: 42966270 (US2009049298 AA)**

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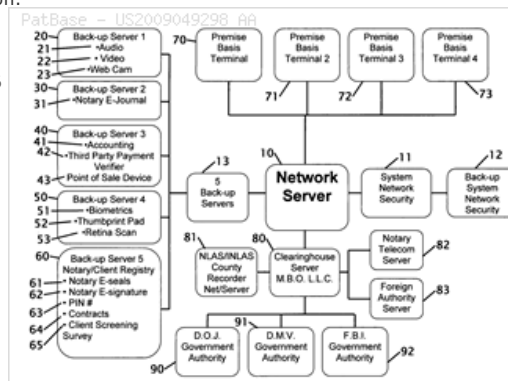
Title: SYSTEM FOR REMOTE ELECTRONIC NOTARIZATION AND SIGNATORY VERIFICATION AND AUTHENTICATION/ INTERFACE/ INTERLINKED WITH AN ADVANCED STEGANOGRAPHIC CRYPTOGRAPHIC PROTOCOL

Abstract: A method for remote electronic verification and authentication and screening of potential signatories for remote electronic notary transactions via remote pc encrypted platform to a broadband digitally or WIFI cellular/PDA device or portable pc device. The system implements the following electronic components, but not limited to, electronic signature device, digital certificates, electronic document, electronic biometric devices, electronic audio/visual software/hardware, and electronic payment systems and devices, all electronically synchronized to afford capable notary publics in executing remote electronic notary transactions via a satellite kiosk network or on-line virtual kiosk application.

Classifications:**International (IPC 8-9):** G06F7/02 G06F7/04 G06Q10/00 G06Q10/06 G06Q20/00 H04L29/06 H04L9/06 H04L9/32

CPC: H04L2209/56 H04L2209/805 H04L2209/84 H04L63/0823 H04L63/126 H04L9/321 H04L9/3231 H04L9/3247 G06Q20/02 G06Q20/3829 G06Q20/389 G06Q20/40 G06Q20/401 G06Q20/40145 G06Q50/18 G07C9/257 G06Q10/10 G06Q10/1053 H04L9/3263

US: 340/5.82 340/5.820S 705/10 705/10S 705/311 705/311S 705/321 705/321P 705/75 705/75P 713/176 713/176P 713/178 713/179 713/179S

**Family:**

Publication number	Publication date	Application number	Application date
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US2009049298 AA	20090219	US20080069676	20080212
US2009327144 AA	20091231	US20090554735	20090904
US8190904 BB	20120529	US20090554735	20090904
US2012036081 AA	20120209	US20110271605	20111012

Priority:

US20070880618 20070723 US20070964873P 20070816 US20080069676 20080212
US20090554735 20090904 US20100404884P 20101012 US20110271605 20111012

Probable Assignee: HATTER JESSE ANDREW

Assignee(s): (std): EDERAINE EDWARD ; FERRELL REGINALD ; HATTER BRENDA F ; HATTER BRENDA FATE ; HATTER BRENDA FAYE ; HATTER II JESSE A ; HATTER JESSE ANDREW ; HATTER MICHAEL D ; HATTER MIYKAEL S ; HATTER ROSIE J ; HATTER SARIYAH Y ; JACKSON ANTHONY L ; JACKSON AUDRELLA ; JACKSON AUDRELLA MARIE ; JACKSON ROBERT L ; JONES GREGORY ; PATTON CURTIS A ; STEWART DERWIN K ; WILEY GENE ; WILEY LINTON

Assignee(s): AYIN INT INC

Inventor(s): (std): EDERAINE EDWARD ; FERRELL REGINALD ; HATTER BRENDA F ; HATTER BRENDA FATE ; HATTER BRENDA FAYE ; HATTER II JESSE A ; HATTER JESSE ANDREW ; HATTER MICHAEL D ; HATTER MIYKAEL S ; HATTER ROSIE J ; HATTER SARIYAH Y ; JACKSON ANTHONY L ; JACKSON AUDRELLA ; JACKSON AUDRELLA MARIE ; JACKSON ROBERT L ; JONES GREGORY ; PATTON CURTIS A ; STEWART DERWIN K ; WILEY GENE ; WILEY LINTON

Agent(s): BUHLER AND ASSOCIATES; BUHLER ASSOCIATES BUHLER KIRK A; KIRK A

4) Family number: 42396732 (US2010217988 AA)

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Title: ELECTRONIC DOCUMENT MANAGEMENT AND DELIVERY

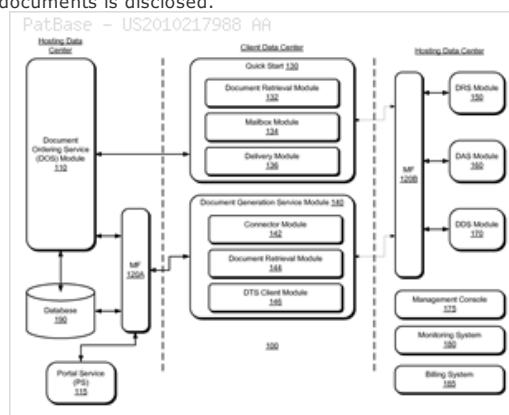
Abstract: In one embodiment, system to manage and deliver electronic documents is disclosed.

Classifications:

International (ipc 8-9): G06F15/16 G06F17/00 G06F17/21 G06F17/30 G06F21/62 G06F21/64 G06Q10/10 G06Q30/00 G06Q30/04 G06Q30/06 H04L9/32

CPC: G06F16/93 G06F21/6218 G06F21/645 G06Q10/10 G06Q30/04 G06Q30/0613

US: 1/1 705/26.41 705/26.410P 709/206 709/206S 713/168 713/168S 713/175 713/175P 726/1 726/27 726/4



Family:

Publication number	Publication date	Application number	Application date
US2010217988 AA	20100826	US20080602617	20080411
US2010257367 AA	20101007	US20100817702	20100617
US9373002 BB	20160621	US20100817702	20100617
US2011022496 AA	20110127	US20100904289	20101014
US8051289 BB	20111101	US20100904289	20101014
US10055603 BB	20180821	US20160164713	20160525
US2016267292 AA	20160915	US20160164713	20160525
WO08128125 A1	20081023	WO2008US60145	20080411

Priority:

US20070911290P 20070412 WO2008US60145 20080411 US20080602617 20080411
US20090602617 20091201 US20100817702 20100617 US20100904289 20101014
US20160164713 20160525

Probable Assignee: AVOW SYSTEMS INC

Assignee(s): (std): AVOW SYSTEMS INC ; HYMAN RON ; HYMAN RONALD M ; JOHNSON JAY ; JOHNSON JAY A ; JOHNSTON MARK ; JOHNSTON MARK R ; KASCHMITTER CHRIS ; KASCHMITTER CHRIS M ; PARCHMENT INC

Assignee(s): GOLUB CAPITAL LLC COLLATERAL AGENT AS

Inventor(s): (std): HYMAN RON ; HYMAN RONALD M ; JOHNSON JAY ; JOHNSON JAY A ; JOHNSTON MARK ; JOHNSTON MARK A ; JOHNSTON MARK R ; KASCHMITTER CHRIS ; KASCHMITTER CHRIS M

Agent(s): CAVEN AND AGHEVLI LLC; CAVEN JED; LEWIS BRISBOIS BISGGAARD AND SMITH LLP; SHERIDAN ROSS PC

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

Title: DOCUMENT AUTHENTICATION AND IDENTIFICATION

Abstract: Computer-implemented methods, systems, and computer program products for document authentication and identification using encoding and decoding are provided. A method includes receiving a digitized document and comparing the digitized document to a set of markers to determine whether the digitized document is an encoded document with one or more characters replaced. In response to determining that the digitized document is encoded, information is extracted from the set of markers using a decoder according to an encoding strategy. The extracted information and the set of markers are compared with data stored in encoding history to authenticate and identify the received digitized document. Markers in the encoded document may be hidden in plain sight, such that the encoding is not readily apparent to a casual observer.

Classifications:

International (IPC 8-9): G05B19/00 G05B23/00 G06F17/00 G06F19/00

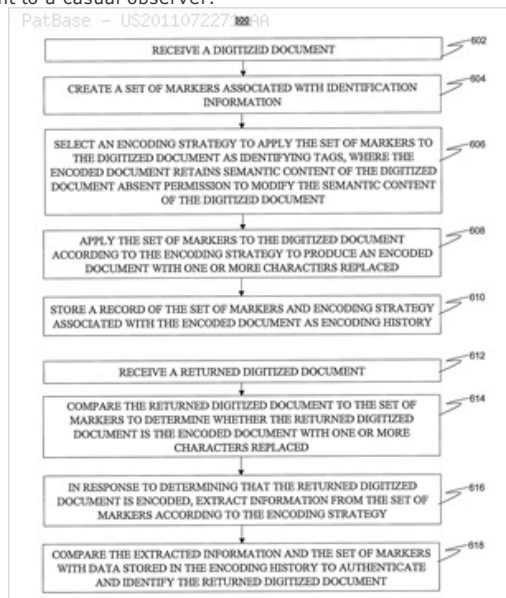
G06F7/00 G06F7/04 G06K13/00 G08B29/00 H04L9/32 H04Q9/00

CPC: G06F21/64 H04N1/32144 H04N2201/3233 H04N2201/327

H04N2201/3277

US: 235/375 235/385 235/492 340/5.2 340/5.3 340/5.51 340/5.6

340/5.74 340/5.86 713/176 713/176P

**Family:**

Publication number	Publication date	Application number	Application date
US2011072271 AA	20110324	US20090564982	20090923
US8576049 BB	20131105	US20090564982	20090923

Priority:

US20090564982 20090923

Probable Assignee: IBM

Assignee(s): (std): CORBIN GEORGE E ; GRECH ANTHONY ; IBM ; MURPHY JR THOMAS E ; NELSON MARK ; PETERS KEVIN H

Assignee(s): INT BUSINESS MACHINES CORP ; SERVICENOW INC

Inventor(s): (std): CORBIN GEORGE E ; GRECH ANTHONY ; MURPHY JR THOMAS E ; NELSON MARK ; PETERS KEVIN H

Agent(s): CANTOR COLBURN LLP; WILLIAM A

Title: METHOD AND SYSTEM FOR DOCUMENT AUTHENTICATION

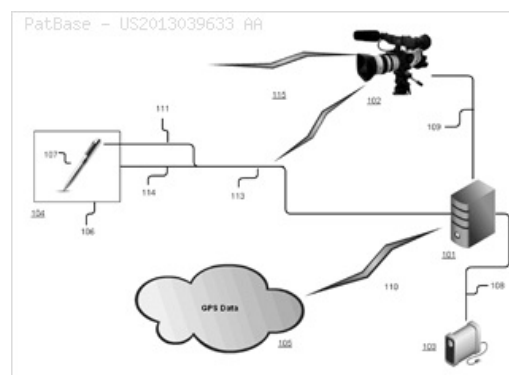
Abstract: The present invention is directed to a system and method for preventing the forgery of documents. The system and method simultaneously electronically records digital data evidencing the form of the signature, a visual and audio record of the signing event and the notarization of the document, as well as the date and time of the event as well as a high quality scan of the signed document(s). The system and method further provides global positioning coordinates at the locus of the signing as well as the recording and storage equipment, such that the location, date, time, and participants in the signing event are subject to a predefined set of information related to the signing.

Classifications:

International (IPC 8-9): G06F17/30 H04N5/77

CPC: G06F21/645 G06F2221/2111 H04N9/8205

US: 386/224 386/E5.069 707/792 707/E17.008 707/E17.044

**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

US20110207156 20110810

Probable Assignee:

WONG CINA

Assignee(s): (std):

WONG CINA

Inventor(s): (std):

WONG CINA

7) Family number: 32432278 (US2007256137 AA)

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Title: DOCUMENT CREATION AND AUTHENTICATION SYSTEM

Abstract: A method and system for creating and authenticating a document are disclosed. According to the method, a user of a document creation system is registered to ensure the creation of an authentic document. A document is then created having a user discernable portion and an encoded portion. The encoded portion includes identification data identifying the registered user of the document creation system, as well as contents data corresponding to at least part of the user discernable portion of the document, and authentication data. A central record of the document is created, the record comprising data which corresponds at least partially to the data in the encoded portion of the document. To authenticate the document subsequently, an image of the encoded portion of the document is acquired, for example using fax machine or a camera of a mobile telephone and transmitted to an authentication centre. The data in the encoded portion of the document is extracted and the document is authenticated by comparing the extracted data with data in the respective central record. Preferably, the encoded portion of the document contains instructions relating to the authentication process for obtaining biometric data from the respective user of the document creation system. For example, the encoded portion of the document may comprise a password, and the document creator is contacted to generate a live voiceprint of the password to be compared with a stored voiceprint for verification purposes. A system for creating and authenticating a document by the above method are also disclosed.

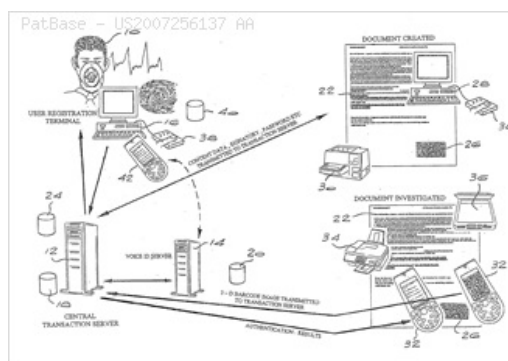
Classifications:

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International (IPC 1-7): G07B1/00 G07C9/00 G07D7/00

CPC: G07B1/00 G07C2209/41 G07C9/257 G07C9/27

US: 713/178 713/182 713/183 713/184 713/185 713/186 726/26 726/26P 726/27 726/28 726/29 726/30



Family:

Publication number	Publication date	Application number	Application date
BRPI0511181 A	20071204	BR2005PI11181	20050517
CA2568160 AA	20061117	CA20052568160	20050517
EP1759358 A1	20070307	EP20050738344	20050517
US2007256137 AA	20071101	US20050596750	20050517
US8479007 BB	20130702	US20050596750	20050517
WO05111950 A1	20051124	WO2005IB01332	20050517
ZA200609581 A	20091230	ZA20060009581	20050517

Priority:

ZA20040003770 20040517

WO2005IB01332 20050517

ZA20060009581 20050517

Probable Assignee: DEXRAD PROPRIETARY LTD

Assignee(s): (std): DEXRAD PROPRIETARY LTD ; DEXRAD PTY LTD ; TAME GAVIN RANDALL

Assignee(s): DEXRAD (PROPRIETARY) LTD ; DEXRAD LTD ; DEXRAD PROPRIETARY LIMITED

Inventor(s): (std): TAME GAVIN R ; TAME GAVIN RANDALL

Inventor(s): GAVIN RANDALL TAME ; TAME GAVIN

Agent(s): BLAKE CASSELS AND GRAYDON LLP; DLA PIPER LLP; DLA PIPER LLP US; R BLAKE; R BLAKE JOHNSTON DLA PIPER US; R BLAKE JOHNSTON, DLA PIPER US

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 KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

8) Family number: 28849132 (US2007271464 AA)

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Title: METHOD OF SENDING AND VALIDATING DOCUMENTS

Abstract: The invention relates to a method of sending and validating documents using authentication codes and portable verifier elements which can process and store information and which offer a high level of protection against unauthorised readers and writers. The inventive method is characterised in that the aforementioned authentication code is generated specifically for a particular portable verifier and is indicated directly or indirectly by the person requesting the document. In this way, no data record of any type is required in the portable verifier element up to the point at which the document is validated. It is essential, however, that the portable verifier be actively involved in the validation, said portable verifier containing a stored list of validated documents such that it is possible to determine, at least, whether or not is the first validation.

Classifications:**International (IPC 8-9):** G06Q10/00 G07F7/02 G09C1/00 H04L9/00 H04L9/10 H04L9/32**International (IPC 1-7):** G06F17/60 G09C1/00 H04L9/00 H04L9/10 H04L9/32**CPC:** G06Q10/107 H04L9/00**US:** 713/181 713/181P**JP F-Term:** 5J104 5J104/AA16 5J104/EA22 5J104/NA37 5J104/NA38 5J104/NA40 5J104/PA10**JP F-Index:** G09C1/00,660@C H04L9/00,621@A H04L9/00,673@E H04L9/00,675@B**Family:**

Publication number	Publication date	Application number	Application date
AT440349 E	20090915	AT20030704708T	20030110
AU2003211862 AA	20030730	AU20030211862	20030110
CN1633665 A	20050629	CN20038003996	20030110
DE60328863 D1	20091001	DE20036028863T	20030110
EP1467297 A1	20041013	EP20030704708	20030110
EP1467297 B1	20090819	EP20030704708	20030110
ES2190762 AA	20030801	ES20020000070	20020115
ES2190762 BA	20040601	ES20020000070	20020115
JP2005515673 T2	20050526	JP20030560808T	20030110
MXPA04006873 A1	20051018	MX2004PA06873	20030110
US2007271464 AA	20071122	US20030501211	20030110
WO03060782 A1	20030724	WO2003ES00008	20030110

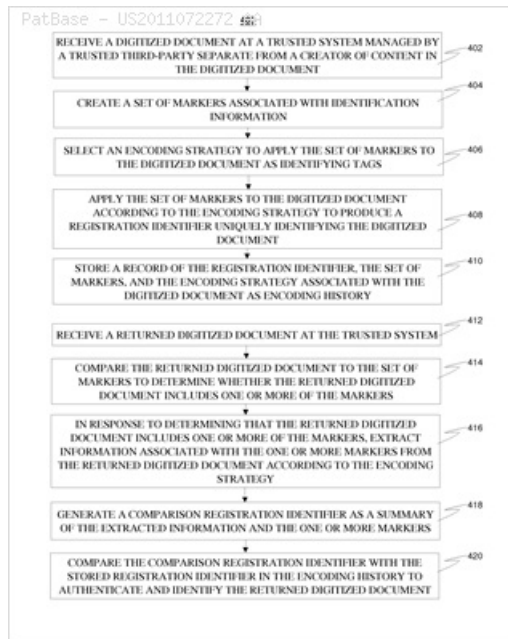
Priority:

ES20020000070 20020115 WO2003ES00008 20030110

Probable Assignee: UNIV CATALUNYA POLITECNICA**Assignee(s):** (std): ALINS DELGADO JUAN JOSE ; DE LA CRUZ LLOPIS LUIS JAVIER ; FORGA ALBERICH JORDI ; MATA DIAZ JORGE ; RICO NOVELLA FRANCISCO J ; RICO NOVELLA FRANCISCO JOSE ; SANICENTE GARGALLO EMILIO ; UNIV CATALUNYA POLITECNICA ; UNIVERSITAT POLITECNICA DE CATALUNYA**Inventor(s):** (std): ALBERICH JORDI FORGA ; ALINS DELGADO JUAN JOSE ; DE LA CRUZ LLOPIS LUIS JAVIER ; DELGADO JUAN JOSE ALINS ; DIAZ JORGE MATA ; EMILIO SANICENTE GARGALLO ; FORGA ALBERICH JORDI ; GARGALLO EMILIO SANICENTE ; JAVIER DE LA CRUZ LLOPIS LUIS ; JORDI FORGA ALBERICH ; JORGE MATA DIAZ ; JOSE ALINS DELGADO JUAN ; JOSE RICO NOVELLA FRANCISCO ; LLOPIS LUIS JAVIER DE LA CRUZ ; MATA DIAZ JORGE ; NOVELLA FRANCISCO JOSE RICO ; RICO NOVELLA FRANCISCO J ; RICO NOVELLA FRANCISCO JOSE ; SANICENTE GARGALLO EMILIO ; SANVICENTE GARGALLO EMILIO**Inventor(s):** FRANCISCO JOSE RICO NOVELLA ; JUAN JOSE ALINS DELGADO ; LUIS JAVIER DE LA CRUZ LLOPIS ; RICO NOVELLA FRANCISCO**Agent(s):** DEFILLO AND ASSOCIATES INC; FURUDATE KUNIKO; SHOJI TAKASHI; SUKENOBU YURIKO; URIZAR ANASAGASTI JOSE ANTONIO**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 US UZ VN YU ZA ZM ZW**9) Family number: 48506071 (US2011072272 AA)**

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Title: LARGE-SCALE DOCUMENT AUTHENTICATION AND IDENTIFICATION SYSTEM**Abstract:** Computer-implemented methods, systems, and computer program products for document authentication and identification using a large-scale distributed system are provided. A method includes receiving a digitized document at a trusted system managed by a trusted third-party that is separate from a creator of content in the digitized document. The digitized document is compared to a set of markers to determine whether the digitized document includes one or more of the markers, and in response thereto, information associated with the one or more markers is extracted using a decoder on the trusted system according to encoding strategies. The method further includes generating a comparison registration identifier on the trusted system as a summary of the extracted information and the one or more markers, and comparing the comparison registration identifier with a stored registration identifier in an encoding history via the trusted system to authenticate and identify the received digitized document.**Classifications:****International (IPC 8-9):** G05B19/00 G06F21/64 H04L9/32**CPC:** G06F21/64**US:** 340/5.27 340/5.3 340/5.31 340/5.6 340/5.65 340/5.67 340/5.74 340/5.8 340/5.86 713/176 713/176P



Family:

Publication number	Publication date	Application number	Application date
US2011072272 AA	20110324	US20090564993	20090923
US8976003 BB	20150310	US20090564993	20090923

Priority:

US20090564993 20090923

Probable Assignee: IBM

Assignee(s): (std): CORBIN GEORGE E ; GRECH ANTHONY ; IBM ; MURPHY JR THOMAS E ; NELSON MARK ; PETERS KEVIN H

Assignee(s): INT BUSINESS MACHINES CORP

Inventor(s): (std): CORBIN GEORGE E ; GRECH ANTHONY ; MURPHY JR THOMAS E ; NELSON MARK ; PETERS KEVIN H

Agent(s): CANTOR COLBURN LLP; WILLIAM A

10) Family number: 57263659 (US2014245019 AA)

PatBase

Title: APPARATUS FOR GENERATING PRIVACY-PROTECTING DOCUMENT AUTHENTICATION INFORMATION AND METHOD OF PERFORMING PRIVACY-PROTECTING DOCUMENT AUTHENTICATION USING THE SAME

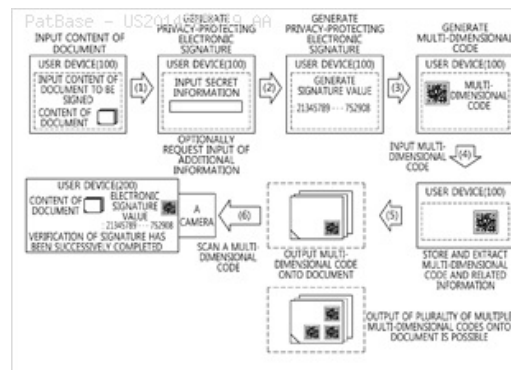
Abstract: Disclosed herein are an apparatus for generating the privacy-protecting document authentication information and a method of performing privacy-protecting document authentication. The apparatus for generating the privacy-protecting document authentication information includes an electronic signature information generation unit, a multi-dimensional code generation unit, and a multi-dimensional code output unit. The electronic signature information generation unit generates electronic signature information for the content of an input document. The multi-dimensional code generation unit generates a multi-dimensional code corresponding to the generated electronic signature information. The multi-dimensional code output unit outputs the generated multi-dimensional code onto the document.

Classifications:

International (IPC 8-9): G06F21/64 G06K9/00 G06K9/18

CPC: G06F21/64

US: 713/176



Family:

Publication number	Publication date	Application number	Application date
KR20140108749 A	20140915	KR20130021262	20130227
US2014245019 AA	20140828	US20130142165	20131227

Priority:

KR20130021262 20130227

Probable Assignee: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INST

Assignee(s): (std): ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INST KOREA ; KOREA ELECTRONICS TELECOMM
Assignee(s): ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INST ; ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Inventor(s): (std): CHANG KU YOUNG ; CHO HYUN SOOK ; HWANG JUNG YEON ; JHO NAM SU ; YOUN TAEK YOUNG

11) Family number: 15302082 (US6764000 BA)

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Title: DOCUMENT AUTHENTICATION METHOD AND APPARATUS

Abstract: Documents (eg., bank notes, travellers checks, credit cards) (10) are authenticated by scanning the documents for one or more identifying features and/or indicia (11-19), comparing the scanned features/indicia (11-19) with stored information in a database and transmitting a signal indicating the authenticity, or otherwise, of the documents (10). In another aspect, documents that are being deposited into a receptacle are scanned for identifying features and/or indicia and the features and/or indicia are recorded in a card. Access to the documents in the receptacle is possible only by the presentation of the card to a reader associated with the receptacle.

Classifications:

International (IPC 8-9): E05G1/00 E05G1/02 G06F17/60 G06T7/00 G07D11/00 G07D7/00 G07D7/12 G07D7/20

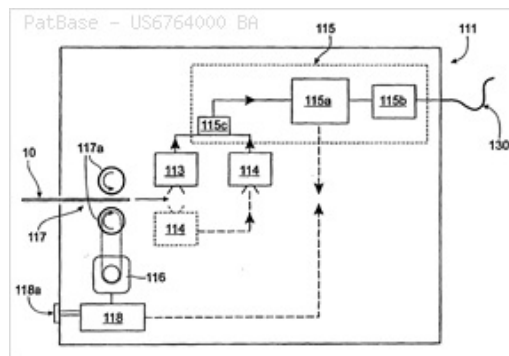
International (IPC 1-7): E05G1/02 G06F1/760 G06F17/60 G06T7/00 G07D11/00 G07D7/00 G07D7/12 G07D7/20 H04N1/00

CPC: G07D11/30 G07D7/00 G07D7/12

US: 235/379 235/379P 235/380 380/382

JP F-Term: 3E041 5L096 3E041/AA01 3E041/AA03 3E041/BA11 3E041/BA13 3E041/BA15 3E041/BA16 3E041/BA17 3E041/BB03 3E041/DB01 5L096/BA14 5L096/BA15 5L096/FA00 5L096/HA07 5L096/JA11

JP F-Index: G06T7/00,300@F G07D7/0047 G07D7/12 G07D7/20 G07D7/202



Family:

Publication number	Publication date	Application number	Application date
AU273799 A0	19990930	AU1999PQ02737	19990908
AU200073942 A1	20010410	AU20000073942	20000908
AU779543 B2	20050127	AU20000073942	20000908
AU200073942 A5	20010410	AU20000073942D	20000908
CN1173302 C	20041027	CN20008015096	20000908
CN1384953 A	20021211	CN20008015096	20000908
EP1224633 A1	20020724	EP20000962081	20000908
EP1224633 A4	20050518	EP20000962081	20000908
JP2003509751 T2	20030311	JP20010522493T	20000908
JP4583687 B2	20101117	JP20010522493T	20000908
NZ518180 A	20040730	NZ20000518180	20000908
TH47502 A	20010928	TH20001003937	20001013
US6764000 BA	20040720	US20020070610	20020308
US2004232218 AA	20041125	US20040859989	20040604
US7124934 BB	20061024	US20040859989	20040604
WO0118754 A1	20010315	WO2000AU01081	20000908

Priority:

AU1999PQ02737 19990908 AU20000073942 20000908 WO2000AU01081 20000908
US20020070610 20020308 US20040859989 20040604

Probable Assignee: ACCUDENT PTY LTD

Assignee(s): (std): ACCUDENT PTY LTD ; SCOTT GRAHAM M A

Assignee(s): GRAHAM MARTIN ALAN SCOTT

Inventor(s): (std): GRAHAM MARTIN ALAN SCOTT

Inventor(s): MARTIN ALAN SCOTT GRAHAM

Agent(s): DOUGLAS E; DOUGLAS E JACKSON; FISHER ADAMS KELLY; FISHER ADAMS KELLY CALLINANS; FISHER ADAMS KELLY PTY LTD; SPRUSON AND FERGUSON; STITES AND HARBISON PLLC

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 CR CU CY CZ DE DK DM DZ 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 MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

12) Family number: 47069077 (US5615268 A)

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Title: SYSTEM AND METHOD FOR ELECTRONIC TRANSMISSION STORAGE AND RETRIEVAL OF AUTHENTICATED DOCUMENTS

Abstract: A system and method is provided that implements digital encryption for the electronic transmission, storage and retrieval of authenticated documents and that enables the establishment of the identity of the originator of an electronic document and of the integrity of the information contained in such a document. Together these provide irrevocable proof of authenticity of the document. The system and method make it possible to provide "paper-less" commercial transactions, such as real-estate transactions and the financial transactions secured by real estate. A Certification Authority provides tools for initializing and

managing the cryptographic material required to sign and seal electronic documents. An Authentication Center provides "third party" verification that a document is that executed and transmitted by the document's originator. The Certification Authority and the Authentication Center together provide for third-party assumption of the risk of the authenticity of documents, an audit trail of the documents, and storage and retrieval of the documents by authorized parties. The system and method eliminates the need for "hard copies" of original documents as well as hard-copy storage. Retrieval of an authenticated document from the Authentication Center may be done by any number of authorized parties at any time by on-line capability.

Classifications:

International (IPC 8-9): G06F15/00 G06F17/30 G06F19/00 G06F21/24 G06F21/60 G06F21/64 G06Q20/00 G06Q20/02 G06Q20/38 G06Q30/00 G06Q30/06 G06Q50/00 G06Q50/10 G06Q50/26 G07F7/12 G09C1/00 G09C5/00 H04L H04L9/00 H04L9/32

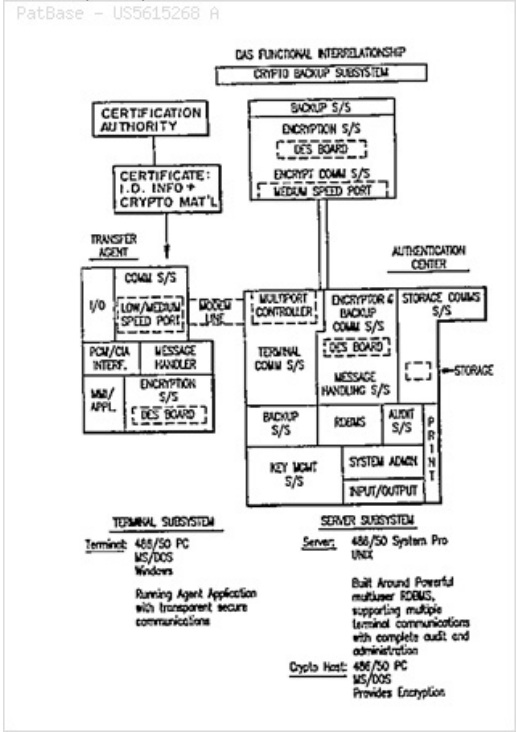
International (IPC 1-7): G06F15/00 G06F17/30 G06F17/60 G06F19/00 G09C1/00 G09C5/00 H04K1/00 H04L9/00 H04L9/30 H04L9/32

CPC: G06Q20/00 G06Q20/02 G06Q20/389 G07F7/08 G07F7/12 H04L9/3213 H04L9/3247 H04L9/3263 G07F7/122 H04L2209/56 H04L9/3236 Y04S40/20 G06Q20/401 H04L9/3226

US: 380/23 380/25 380/30 380/49 705/51 705/75 713/176 713/178 713/193

JP F-Term: 5B017 5J104 5B049 5L049 5J104/AA07 5J104/AA09 5J104/EA19 5J104/EA22 5J104/JA21 5J104/KA01 5J104/KA16 5J104/LA01 5J104/MA01 5J104/NA12 5J104/NA33 5J104/PA10 5J104/PA11 5J104/LA03 5J104/LA06 5J104/MA02 5J104/NA02 5J104/PA07 5L049/BB67 5L049/CC22 5L049/CC36 5B017/AA06 5B017/AA08 5B017/BA09 5B017/CA16 5J104/AA08 5J104/NA27 5J104/NA37 5J104/NA38 5J104/PA14

JP F-Index: G06F12/14,550@Z G06F21/10 G06F21/22,110@Z G09C1/00,640@B G09C1/00,640@Z H04L9/00,675@B G06F17/60,140 G06F17/60,340 G06Q30/06,190 G06Q30/06,300 G06Q50/10 G06Q50/10,190 G06Q50/26,100 G06Q50/26,300 H04L9/00,675@D G06F12/14,550@A G06F12/14,560@C G06F21/24,160@A G06F21/24,167@A G06F21/60 G06F21/64 G09C1/00,640@D



Family:

Publication number	Publication date	Application number	Application date
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AU758834 B2	20030403	AU19990055972	19991020
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EP1076954 B1	20060726	EP19990919760	19990504
HK1017540 A1	19991119	HK19990102589	19990616
HK1017540 B	20050429	HK19990102589	19990616
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HK1035091 B	20070105	HK20010105766	20010816
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HU9802232 AB	19990128	HU19980002232	19960823
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PL182163 B1	20011130	PL19960326075	19960823
PL326075 A1	19980817	PL19960326075	19960823
PL344052 A1	20010924	PL19990344052	19990504
TR9800462 T1	19980622	TR19980000462T	19960823
TR200100282 T2	20010723	TR20010000282T	19990504
US5615268 A	19970325	US19950373944	19950117
US5748738 A	19980505	US19950528841	19950915
US6237096 BA	20010522	US19980072079	19980504
WO9712460 A1	19970403	WO1996US14159	19960823
WO9957847 A1	19991111	WO1999US06563	19990504
ZA200007121 A	20020529	ZA20000007121	20001201

Priority:

US19950373944	19950117	US19950528841	19950915	WO1996US14159	19960823
AU19960071058	19960823	KR19980701949	19980316	US19980072079	19980504
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Probable Assignee: EORIGINAL INC

Assignee(s): (std): BISBEE STEPHEN F ; DOCUMENT AUTHENTICATION SYSTEM ; DOCUMENTATION AUTHENTICATION S ; EORIGINAL ; EORIGINAL INC ; EORIGINAL INC BALTIMORE ; IORIGINA CORP ; MOSKOWITZ JACK J ; TROTTER DOUGLAS H ; WHITE MICHAEL W

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Inventor(s): (std): BISBE STEPHEN F ; BISBEE F ; BISBEE S F ; BISBEE STEPHEN F ; MOSKOWITZ J ; MOSKOWITZ J J ; MOSKOWITZ JACK J ; MOSKOWITZT JACK J ; SHEEHAN E R ; SHEEHAN EDWARD R ; SHEHAN EDWARD R ; TROTTER D H ; TROTTER DOUGLAS H ; TROTTER H ; TROTTER S F BISBEE J J MOSKOWI ; WHITE MICHAEL W ; WHITE W

Inventor(s): D H TROTTER ; DOUGLAS H TROTTER ; DOUGLAS H TROTTER D H ; E R SHEEHAN ; EDWARD R SHEEHAN ; EDWARD R SHEEHAN E R ; EDWARD R SHEHAN ; J J MOSKOWITZ ; JACK J MOSKOWITZ ; JACK J MOSKOWITZ J J ; JACK J MOSKOWITZT ; MICHAEL W WHITE ; MICHAEL W WHITE M W ; S F BISBEE ; S F BISBEE J J MOSKOWITZ D H TROTTER ; STEPHEN F BISBEE ; STEPHEN F BISBEE S F

Agent(s): ASAMURA HAJIME ; ASAMURA KIYOSHI ; BURNS DOANE SWECKER AND MATHIS LLP ; CHINA PATENT AGENT HK LTD ; CHINA PATENT AGENT HK LTD 22 F GREAT EAGLE CENTRE 23 HARBOUR ROAD WANCHAI ; GRIFFITH HACK ; HAYASHI SEKIZO ; MARKS AND CLERK ; WATERMARK INTELLECTUAL PROPERTY PTY LTD ; WATERMARK PATENT AND TRADE MARKS ATTORNEYS ; WOLFF BREGMAN AND GOLLER ; ZACCO SWEDEN AB

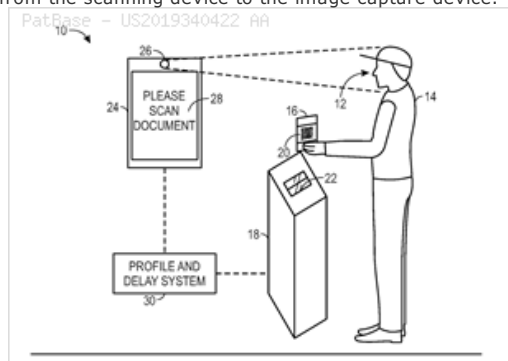
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Abstract: Systems and methods are described that include receiving an indication of a scanned document from a scanning device, waiting a delay period in response to receiving the indication of the scanned document, and instructing an image capture device to capture an image of a document holder after waiting the delay period. In this manner, the described systems and methods may increase facial recognition throughput by waiting the delay period after receiving the indication of the scanned document, allowing for sufficient time for the document holder to look up from the scanning device to the image capture device.

Classifications:

International (IPC 8-9): G06F16/28 G06F17/30 G06F21/32 G06F21/40 G06K9/00 G06K9/18

CPC: G06F16/288 G06F21/32 G06F21/40 G06K9/00255 G06K9/00288 G06K9/00442 G06K9/18 G06K9/183 G06F17/30604



Family:

Publication number	Publication date	Application number	Application date
CA3097120 AA	20201014	CA20193097120	20190301
US10817706 BB	20201027	US20180000447	20180605
US2019340422 AA	20191107	US20180000447	20180605
WO19212631 A1	20191107	WO2019US20400	20190301

Priority:

US20180665272P 20180501 US20180000447 20180605 WO2019US20400 20190301

Probable Assignee: UNIVERSAL CITY STUDIOS LLC

Assignee(s): (std): UNIVERSAL CITY STUDIOS LLC

Assignee(s): ALVIN ANDREW ALEXANDER ; JORDAN PRESTON TYLER

Inventor(s): (std): ALVIN ANDREW ALEXANDER ; JORDAN PRESTON TYLER

Agent(s): CRAIG WILSON AND CO; FLETCHER YODER PC; POWELL W ALLEN 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 HW 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 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

14) Family number: 52815113 (US2013015236 AA)

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Title: HIGH-VALUE DOCUMENT AUTHENTICATION SYSTEM AND METHOD

Abstract: Provided herein are systems and methods for providing document certification and authentication using 2D barcodes.

Classifications:

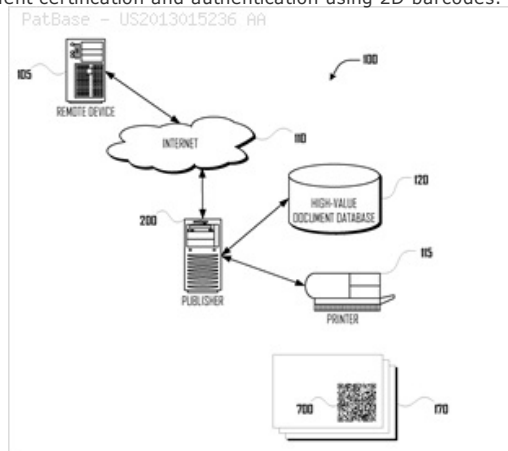
International (IPC 8-9): G06F17/00 G06F21/24 G06F21/64 G06K19/00

G06K19/06 G06K5/00 G06K7/01 G06K7/10 G06K9/18 G06Q10/08

H04L29/06

CPC: G06F21/645 G06Q10/08 H04L63/083

US: 235/375 235/494 1/1



Family:

Publication number	Publication date	Application number	Application date
BR112014000919 A2	20170214	BR20141100919	20120716
MX2013007923 A1	20131105	MX20130007923	20120716
US2013015236 AA	20130117	US20110184284	20110715
US9716711 BB	20170725	US20110184284	20110715
WO13012794 A2	20130124	WO2012US46901	20120716
WO13012794 A3	20130314	WO2012US46901	20120716

Priority:

US20110184284 20110715 WO2012US46901 20120716

Probable Assignee: PAGEMARK TECHNOLOGY INC

Assignee(s): (std): GOTANDA TAKAHIRO ; PAGEMARK TECH INC ; PAGEMARK TECHNOLOGY INC ; PORTER RANDAIR

Inventor(s): (std): GOTANDA TAKAHIRO ; PORTER RANDAIR ; RANDAIR PORTER ; TAKAHIRO GOTANDA

Agent(s): FLINDT KYLE H; STOEL RIVES LLP

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 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 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

15) Family number: 30963673 (US2004184064 AA)

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Title: PRINTER DRIVER PROGRAM AND PRINTER

Abstract: In a printer driver that transmits a print data to a printer connected via a network to make a print request, a document password processing unit prompts a user to input a document password for decrypting a PDF document data encrypted by a predetermined application. A print data creating unit creates a print data including the PDF document data encrypted and the document password. The created print data is transmitted to the printer via the network by a host I/F controller and a host I/F.

Classifications:

International (ipc 8-9): B41J5/30 G06F1/00 G06F15/00 G06F21/00 G06F3/12 H04L9/32

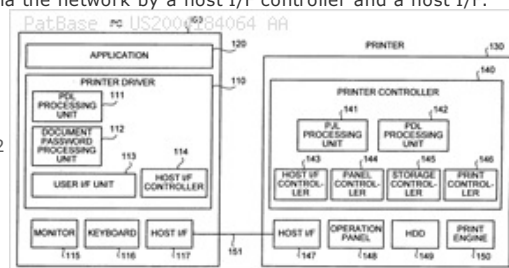
International (ipc 1-7): B41J5/30 G06F1/00 G06F15/00 G06F3/12 H04L9/32

CPC: G06F21/608

US: 358/1.13 358/1.130P 358/1.14 358/1.140S 358/1.15 358/1.6 358/452 358/488 380/259 380/264 380/278 380/279 380/44 713/160 713/161 713/184 713/191

JP F-Term: 2C087 2C187 5B021 5J104 2C187/AE07 2C187/BF26 2C187/GD01 2C187/GD02 5B021/AA01 5B021/BB04 5B021/CC05 5B021/NN00 5J104/AA07 5J104/AA12 5J104/KA01

JP F-Index: B41J5/30@Z G06F3/12@C G06F3/12@K G06F3/12,322 G06F3/12,338 G06F3/12,344 G06F3/12,347 G06F3/12,385 H04L9/00,673@A



Family:

Publication number	Publication date	Application number	Application date
EP1460515 A2	20040922	EP20040251549	20040318
EP1460515 A3	20070606	EP20040251549	20040318
JP2004287824 A2	20041014	JP20030078788	20030320
JP4188732 B2	20081126	JP20030078788	20030320
US2004184064 AA	20040923	US20040804080	20040319
US7450260 BB	20081111	US20040804080	20040319

Priority:

JP20030078788 20030320

Probable Assignee: RICOH CO LTD

Assignee(s): (std): RICOH KK

Assignee(s): NISHIWAKI HIROFUMI ; OHTANI MASAKI ; RICOH CO ; RICOH CO LTD ; RICOH COMPANY ; RICOH COMPANY LTD ; RICOH COMPANY LTD ; SAWADA NOZOMI ; TAKEDA KENICHI

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Inventor(s): HIROFUMI NISHIWAKI ; KENICHI TAKEDA ; MASAKI OHTANI ; NOZOMI SAWADA

Agent(s): OBLON SPIVAK MCCLELLAND MAIER AND NEUSTADT PC

Designated states: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR