

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 9,251,531 B2
APPLICATION NO. : 13/794878
DATED : February 2, 2016
INVENTOR(S) : Shaunt M. Sarkissian et al.

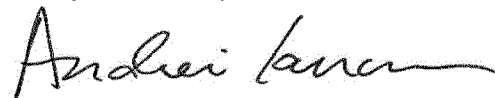
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims

Column 21 Line 36 replace “store client device of the user;” with “storage client device of the user;”.

Signed and Sealed this
Twenty-fifth Day of December, 2018



Andrei Iancu
Director of the United States Patent and Trademark Office

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of

Shaunt M. Sarkissian, et al.

Patent No. 9,251,531

Issued: February 2, 2016

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FILE FORMAT AND PLATFORM
FOR STORAGE AND
VERIFICATION OF
CREDENTIALS

**REQUEST FOR CERTIFICATE
OF CORRECTION UNDER RULE 1.323**

Palo Alto, California 94304
November 9, 2018

Mail Stop: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The errors noted on the attached form PTO/SB/44 appear in the printed copy of the above-identified patent ("Subject Patent").

The errors noted on the attachment hereto occurred through the fault of the Applicant. It is submitted that correction of these errors does not require addition of new matter to the Subject Patent, reexamination of the Subject Patent, or materially affect the scope or meaning of the Subject Patent.

The fee of \$150.00 set forth in § 1.20(a) is enclosed.

Applicant has authorized that the appropriate fee to correct the above patent through issuance of a Certificate of Correction be charged to Deposit Account No. 02-1818.

Respectfully submitted,

/Jordan A. Kwan/

Jordan A. Kwan
Reg. No. 67,954

K&L Gates LLP
620 Hansen Way
Palo Alto, CA 94304
Ph. (650) 798-6734
Fax (650) 798-6701

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page _____ of _____

PATENT NO. : 9,251,531

APPLICATION NO.: 13/794,878

ISSUE DATE : 02/02/2016

INVENTOR(S) : Shaunt M. Sarkissian, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Column 21 line 36 replace "store client device of the user;" with "storage client device of the user;".

MAILING ADDRESS OF SENDER (Please do not use Customer Number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal				
Application Number:		13794878		
Filing Date:		12-Mar-2013		
Title of Invention:		FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS		
First Named Inventor/Applicant Name:		Shaunt M. Sarkissian		
Filer:		Jordan Anthony Kwan/Michelle Begay		
Attorney Docket Number:		120393		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
CERTIFICATE OF CORRECTION	2811	1	150	150

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				150

Electronic Acknowledgement Receipt

EFS ID:	34269113
Application Number:	13794878
International Application Number:	
Confirmation Number:	5721
Title of Invention:	FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS
First Named Inventor/Applicant Name:	Shaunt M. Sarkissian
Customer Number:	26285
Filer:	Jordan Anthony Kwan/Michelle Begay
Filer Authorized By:	Jordan Anthony Kwan
Attorney Docket Number:	120393
Receipt Date:	09-NOV-2018
Filing Date:	12-MAR-2013
Time Stamp:	17:41:57
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 150
RAM confirmation Number	111318INTEFSW00004843021818
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Certificate of Correction	0246162_00005_Request_for_Certificate_of_Correction.pdf	13301	no	1
			21593b5f32832c5c2c795bfc960485b6833f77bd		
Warnings:					
Information:					
2	Miscellaneous Incoming Letter	0246162_00005_Certificate_of_Correction.pdf	145730	no	2
			6db485348565f6665e15bb2f7656e6b23f124cf3		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30469	no	2
			d5063fa6d146f2932fa7aafb253616c7a36c28ab		
Warnings:					
Information:					
Total Files Size (in bytes):			189500		
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	02/02/2016	9251531	120393	5721

26285 7590 01/13/2016
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 122 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Cortex MCP, Inc., Ladera Ranch, CA
Shaunt M. Sarkissian, Ladera Ranch, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

26285 7590 09/30/2015
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Michelle Begay	(Depositor's name)
/Michelle Begay/	(Signature)
12/28/2015	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	03/12/2013	Shaunt M. Sarkissian	120393	5721

TITLE OF INVENTION: FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/30/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
NIPA, WASIKA	2433	726-006000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **K&L Gates LLP**

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number **021818** (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Jordan A. Kwan/

Typed or printed name Jordan A. Kwan

Date December 28, 2015

Registration No. 67,954

Electronic Patent Application Fee Transmittal				
Application Number:		13794878		
Filing Date:		12-Mar-2013		
Title of Invention:		FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS		
First Named Inventor/Applicant Name:		Shaunt M. Sarkissian		
Filer:		Jordan Anthony Kwan/Michelle Begay		
Attorney Docket Number:		120393		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl Issue Fee	2501	1	480	480

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				480

Electronic Acknowledgement Receipt

EFS ID:	24471238
Application Number:	13794878
International Application Number:	
Confirmation Number:	5721
Title of Invention:	FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS
First Named Inventor/Applicant Name:	Shaunt M. Sarkissian
Customer Number:	26285
Filer:	Jordan Anthony Kwan/Michelle Begay
Filer Authorized By:	Jordan Anthony Kwan
Attorney Docket Number:	120393
Receipt Date:	28-DEC-2015
Filing Date:	12-MAR-2013
Time Stamp:	19:21:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$480
RAM confirmation Number	7697
Deposit Account	021818
Authorized User	KWAN, JORDAN

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 CFR 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 CFR 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 CFR 1.19 (Document supply fees)

Charge any Additional Fees required under 37 CFR 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	1402374_00003_Issue_Fee_Transmittal.pdf	110920	no	1
			19237ed466ed5e07904558d61c5647b0734f1eb6		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30823	no	2
			427257aa333975415c1780bcff76a62a3c6fb50d		

Warnings:

Information:

Total Files Size (in bytes):			141743
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

26285 7590 09/30/2015
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

EXAMINER

NIPA, WASIKA

ART UNIT

PAPER NUMBER

2433

DATE MAILED: 09/30/2015

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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13/794,878

03/12/2013

Shaunt M. Sarkissian

120393

5721

TITLE OF INVENTION: FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/30/2015

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

26285 7590 09/30/2015
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	03/12/2013	Shaunt M. Sarkissian	120393	5721

TITLE OF INVENTION: FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/30/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
NIPA, WASIKA	2433	726-006000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____ (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____ 3 _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
☐ Applicant asserting small entity status. See 37 CFR 1.27
☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	03/12/2013	Shaunt M. Sarkissian	120393	5721
26285 7590 09/30/2015 K&L GATES LLP-Pittsburgh 210 SIXTH AVENUE PITTSBURGH, PA 15222-2613			EXAMINER NIPA, WASIKA	
			ART UNIT 2433	PAPER NUMBER
DATE MAILED: 09/30/2015				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/794,878	Applicant(s) SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 09/08/2015.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1-5,7-15,17,19,21,22,24-31 and 33-39. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some *c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in **ABANDONMENT** of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ **CORRECTED DRAWINGS** (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ **DEPOSIT OF and/or INFORMATION** about the deposit of **BIOLOGICAL MATERIAL** must be submitted. Note the attached Examiner's comment regarding **REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL**.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____	5. ☐ Examiner's Amendment/Comment 6. ☒ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____
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/WASIKA NIPA/ Examiner, Art Unit 2433	/JEFFREY PWU/ Supervisory Patent Examiner, Art Unit 2433
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Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance:

The closest prior art of record, Ohara and Chu does not teach "generating an OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential based on the information associated with the credential of the user".

Similar reasoning is applied to independent claims 17 & 26.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WASIKA NIPA whose telephone number is (571)272-8923. The examiner can normally be reached on M-F (7:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JEFFRY PWU can be reached on 571-272-6798. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2433

Information regarding the status of an application may be obtained from the Patent application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/WASIKA NIPA/

Examiner, Art Unit 2433

Notice of References Cited	Application/Control No. 13/794,878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2007/0208665	09-2007	Ohara, Hiromi	705/51
*	B	US-7,290,146	10-2007	Ekers et al.	713/182
*	C	US-8,132,237	03-2012	Kang, Hyun Ku	726/4
*	D	US-2010/0250389	09-2010	Augustin et al.	705/26
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Issue Classification 	Application/Control No. 13794878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	

CPC					
Symbol				Type	Version
G06Q	30	0251		F	2013-01-01
H04L	63	08		I	2013-01-01
H04L	2463	102		A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

/WASIKA NIPA/ Examiner.Art Unit 2433 (Assistant Examiner)	09/22/2015 (Date)	Total Claims Allowed: 33	
/JEFFREY PWU/ Supervisory Patent Examiner.Art Unit 2433 (Primary Examiner)	09/22/2015 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 13794878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.
	Examiner WASIKA NIPA	Art Unit 2433

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	15	17	27	33										
2	2	-	18	28	34										
3	3	16	19	29	35										
4	4	-	20	30	36										
5	5	17	21	31	37										
-	6	18	22	32	38										
6	7	-	23	33	39										
7	8	19	24												
8	9	20	25												
9	10	21	26												
10	11	22	27												
11	12	23	28												
12	13	24	29												
13	14	25	30												
14	15	26	31												
-	16	-	32												

/WASIKA NIPA/ Examiner.Art Unit 2433 (Assistant Examiner)	09/22/2015 (Date)	Total Claims Allowed: 33	
/JEFFREY PWU/ Supervisory Patent Examiner.Art Unit 2433 (Primary Examiner)	09/22/2015 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Search Notes 	Application/Control No. 13794878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.
	Examiner WASIKA NIPA	Art Unit 2433

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
	None alone		

SEARCH NOTES		
Search Notes	Date	Examiner
Google Scholar	6/18/2015	WN
Google Patent Search	6/18/2015	WN
East classification 705, 713, 726 and 380 with text	6/18/2015	WN
Inventor Search	11/24/2014	WN
Assignee Search	11/24/2014	WN
CPC classification search with limited text	11/24/2014	WN

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
726	006	11/24/2014	WN

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CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0		
Practitioner Docket No.: 120393	Application No.: 13/794,878	Filing Date: 03/12/2013
First Named Inventor: Shaunt M. Sarkissian	Title: FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS	
APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116. 1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (<i>e.g.</i>, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c). 2. The above-identified application contains an outstanding final rejection. 3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect. 4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection. 5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response. 6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web). 7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.] 8. By filing this certification and request, applicant acknowledges the following: • Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0. • The examiner will verify that the AFCP 2.0 submission is compliant, <i>i.e.</i>, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions: ○ The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, by mailing an advisory action. ○ If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview. ▪ The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate. ▪ If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.		
Signature /Jordan A. Kwan/	Date September 9, 2015	
Name (Print/Typed) Jordan A. Kwan	Practitioner Registration No. 67,954	
Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.		
☒ * Total of <u>1</u> forms are submitted.		

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shaunt M. Sarkissian)	Examiner:	Nipa, Wasika
Serial No:	13/794,878)	Art Unit:	2433
Filing Date:	March 12, 2013)	Atty. Docket No.:	120393
Confirmation No:	5721)		

Title: FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS

AMENDMENT AND RESPONSE TO OFFICE ACTION

K&L Gates LLP
Palo Alto, California 94301
September 9, 2015

VIA ELECTRONIC FILING

Mail Stop AFCP 2.0
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The present Amendment and Response is in reply to the Final Office Action dated July 6, 2015, in which the two-month period for response expired on Sunday, September 6, 2015. Accordingly this response should be considered timely filed on Monday, September 7, 2015, since the two-month shortened statutory due date fell on a Sunday. In response to the Final Office Action, Applicant submits the following:

Amendments to the Claims according to the **Listing of Claims** beginning on page 2; and

Remarks beginning on page 10.

LISTING OF CLAIMS

Please amend the claims as follows. This listing of claims will replace all prior versions and listing of claims in the application.

CLAIMS

What is claimed is:

1. (Currently Amended) A computer-implemented method comprising:
storing, in a memory of an officially verifiable electronic representation (OVER) generation and verification engine, information associated with a credential of a user for proving the user's identity or qualifications;
receiving, from an OVER file storage client device of the user, a first an OVER file generation request to provide authentication of the user based on the information associated with the credential;
generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential, based on the information associated with the credential of the user;
transmitting, to the OVER file storage client device of the user, the OVER file in response to the first OVER file generation request;
receiving, from an OVER file third-party client verifying device, a second verifying request to verify that the OVER file transmitted to the user authenticates the user based on a scan [[of]]associated with the OVER file on the OVER file store client device of the user;
verifying that the scan [[of]]associated with the OVER file corresponds with the information associated with the credential of the user that is stored in the OVER engine, in response to the second verifying request; and
transmitting, to the OVER file third-party client verifying device, an authentication message comprising an indication of whether the scan associated with the OVER file on the device of the user corresponds to the information associated with the credential of the user that is stored in the OVER engine.

2. (Currently Amended) The computer-implemented method of claim 1, wherein the OVER file is a first OVER file, the OVER file storage client device of the user is a first OVER file storage client device of the user, ~~[[and]]~~ the virtual representation is a first virtual representation, the official representation is a first official representation, and the method further comprises:

receiving, from a second OVER file storage client device of the user, a ~~third~~ second OVER file generation request to provide authentication of the user based on the information associated with the credential;

generating, by the processor, a second OVER file comprising a second virtual representation of the credential that has been verified by the issuing agency to be a second official representation of the credential ~~[[and]]~~ that is invalid for use in the first OVER file storage client device for authenticating the user; and

transmitting to the second OVER file storage client device of the user the second OVER file in response to the ~~third~~ second OVER file generation request.

3. (Previously Presented) The computer-implemented method of claim 1, further comprising generating, by the processor of the OVER engine, the credential, wherein the credential is generated when the processor determines that no credential of the user is stored.

4. (Currently Amended) The computer-implemented method of claim 1, further comprising: requesting, by the processor of the OVER engine to ~~[[an]]the~~ issuing agency, an agency authentication to validate the credential, wherein the issuing agency issued the credential of the user;

receiving, by the OVER engine, a status indicator and credential information associated with the credential; and

storing, by the OVER engine, the status indicator.

5. (Previously Presented) The computer-implemented method of claim 4, wherein the status indicator indicates the credential is valid.

6. (Canceled.)

7. (Currently Amended) The computer-implemented method of claim 1, further comprising generating, by the OVER engine, a device identifier for the credential, wherein the device identifier limits the credential to the OVER file storage client device.
8. (Previously Presented) The computer-implemented method of claim 4, wherein the status indicator indicates an invalid credential and the credential information indicates a reason for the invalid credential.
9. (Previously Presented) The computer-implemented method of claim 1, further comprising generating, by the OVER engine, a reference to a remotely stored credential, wherein the information associated with the credential of the user comprises the reference to the remotely stored credential.
10. (Previously Presented) The computer-implemented method of claim 1, further comprising storing, by the OVER engine, user-specific information.
11. (Previously Presented) The computer-implemented method of claim 10, wherein the user specific-information comprises at least one of:
biometric information, location information, a password, or a device identifier.
12. (Currently Amended) The computer-implemented method of claim 1, further comprising checking, by the OVER engine, a status indicator of a stored credential, wherein the OVER file generation request for the credential action comprises a credential identifier for specifying which credential among a plurality of credentials of the user is officially represented by the OVER file.
13. (Previously Presented) The computer-implemented method of claim 12, wherein verifying that the scan of the OVER file corresponds with the credential of the user comprises comparing the credential identifier with one or more stored credentials.

14. (Previously Presented) The computer-implemented method of claim 13, wherein the authentication message comprises the status indicator of the stored credential when the credential identifier matches a stored credential.

15. (Previously Presented) The computer-implemented method of claim 1, wherein the OVER file comprises a portion of the stored credential.

16. (Canceled.)

17. (Currently Amended) A computer-implemented method comprising:
transmitting, from an officially verifiable electronic represent (OVER) file storage client device of a user to an OVER file generation and verification engine, an OVER file generation [[first]] request to provide authentication of the user based on information associated with a credential of the user, the credential proving the user's identity or qualifications;
receiving, at the OVER file storage client device of the user, an officially verifiable electronic representation (OVER[[]]) file in response to the [[first]] OVER file generation request, the OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential, based on the information associated with the credential of the user;
displaying a portion of the OVER file to an OVER file third-party client verifying device to authenticate the user; and
receiving, at the OVER file storage client device of the user, an authentication message comprising a status indicator indicating whether the OVER file corresponds to the credential of the user.

18. (Canceled.)

19. (Previously Presented) The computer-implemented method of claim 17, wherein the displayed portion of the OVER file is scanned as part of authenticating the user.

20. (Canceled.)

21. (Previously Presented) The computer-implemented method of claim 17, wherein the OVER file comprises a device identifier, wherein the device identifier limits the validity of the OVER file to the device of the user.

22. (Previously Presented) The computer-implemented method of claim 17, further comprising:
collecting, by the device, user-specific information; and
transmitting, by the device, the user-specific information to a credential engine, wherein the user-specific information is included in the OVER file.

23. (Canceled.)

24. (Previously Presented) The computer-implemented method of claim 17, wherein when the OVER file comprises a credential image.

25. (Previously Presented) The computer-implemented method of claim 17, wherein when the status indicator indicates an invalid credential, and the authentication message comprises a reason for the invalid credential.

26. (Currently Amended) An apparatus comprising:
a processor;
a memory unit operatively coupled to the processor, the memory unit configured to store information associated with a credential of a user and a plurality of instructions, wherein the instructions are configured to program the processor to:
receive, from an officially verifiable electronic representation (OVER) file storage client device of the user, a first an OVER file generation request to provide authentication of the user based on the information associated with the credential;
generate an OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation the credential, based on the information associated with the credential of the user;

transmit, to the OVER file storage client device of the user, the OVER file in response to the first OVER file generation request;

receive, from an OVER file third-party client verifying device, a second verifying request to verify that the OVER file transmitted to the device of the user authenticates the user based on a scan [[of]]associated with the OVER file on the device of the user;

verify~~[[ing]]~~ that the scan [[of]]associated with the OVER file corresponds with the information associated with the credential of the user, in response to the second verifying request; and

transmit, to the OVER file third-party client verifying device, an authentication message comprising a status indicator indicating whether the OVER file corresponds to the credential of the user.

27. (Previously Presented) The apparatus of claim 26, wherein the instructions further program the processor to generate the credential, wherein the credential is generated when the processor determines that no matching credential is stored.

28. (Currently Amended) The apparatus of claim 26, wherein the instructions are further configured to program the processor to:

request the credential from [[an]]the issuing agency, wherein the issuing agency stores credentials issued by [[an]]the issuing agency;

receive the status indicator and credential information associated with the credential transmitted by the issuing agency; and

store the credential and the status indicator.

29. (Original) The apparatus of claim 28, wherein the credential information comprises the credential, and wherein the status indicator indicates a valid credential.

30. (Original) The apparatus of claim 28, wherein the credential information comprises user-specific information.

31. (Original) The apparatus of claim 30, wherein the user-specific information is selected from the group consisting of: biometric information, location information, a password, a device identifier.

32. (Canceled.)

33. (Previously Presented) The apparatus of claim 26, wherein the instructions are further configured to program the processor to generate a device identifier for the credential, wherein the device identifier limits the credential to the client device.

34. (Original) The apparatus of claim 28, wherein the status indicator indicates an invalid credential, and wherein the response transmitted to the user device comprises the status indicator.

35. (Original) The apparatus of claim 28, wherein the stored credential comprises a reference to a remotely stored credential.

36. (Previously Presented) The apparatus of claim 28, wherein the instructions further program the processor to check a stored status indicator of the stored credential, wherein the status indicator comprises the stored status indicator.

37. (Currently Amended) The apparatus of claim 36, wherein the authentication message is determined by comparing [[the]] a credential identifier associated with the credential of the user with the one or more stored credentials.

38. (Previously Presented) The apparatus of claim 37, wherein when the credential identifier matches the stored credential, and the authentication message comprises the status indicator of the stored credential.

39. (Previously Presented) The apparatus of claim 38, wherein when the credential identifier does not match a stored credential, and the authentication message comprises an invalid credential response.

REMARKS

Claims 1-5, 7-15, 17, 19, 21-22, 24-31 and 33-39 were pending in this application. Claims 1, 2, 4, 7, 12, 17, 26, 28, and 37 are amended. No claims are cancelled. No claims are added. Support for the amendments may be found throughout the specification. A more detailed account for support for claim 1 will be described more, below. Thus, claims 1-5, 7-15, 17, 19, 21-22, 24-31, and 33-39 remain pending. Favorable reconsideration of this application is respectfully requested in view of the following remarks.

Examiner Interview

Applicant thanks the Examiner for the courtesy of an interview on August 25, 2015, with the undersigned. During the interview, distinctions from the prior art of claim 1 were discussed. It was communicated that it is believed that the independent claims are distinguishable from the prior art. Further clarification about the wording of claim 1 was discussed, and it was agreed that, for clarity, at least the independent claims would be amended to try to better mirror the language in the specification. In addition, it was agreed that more detailed support for the clarifying amendments would be provided, for clarity.

Support for Claim Amendments

Applicant respectfully asserts that support for the claim amendments are found throughout the specification. In particular, regarding claim 1, example support may be found in FIGS. 1-3 and the related descriptions, such as paragraphs [0025]-[0040].

For context, at paragraph [0025], the specification states, "an Officially Verifiable Electronic Representation (OVER) File may provide a secure file format and platform for the

storage and verification of key user or consumer credentials.” Throughout the specification, continuing language discusses the generation of OVER files “representative of the user’s credentials,” (paragraph [0025]) and verification of the OVER file to verify that an OVER file used in a user device validly matches the credentials used to create said OVER file (see, e.g., paragraph [0040]). The specification discusses three distinct components for facilitating the generation and verification of OVER files. These include an “OVER File storage client 4, an OVER File third party client 6, and an OVER File generation and authorization (or ‘verification’ as used at other times in the specification) engine 8” (see paragraph [0025]). The specification describes in various ways, the multiple interactions between each of these three components. However, Applicant represents that claim 1 is directed to a process performed by the OVER File generation and authorization engine, which includes interactions with the OVER File storage client and the OVER File third party client.

Specifically regarding claim 1, FIG. 1 illustrates an OVER File Generation and Verification Engine 8 (e.g., “***an officially verifiable electronic representation (OVER) generation and verification engine***” as recited in claim 1), an OVER File Storage Client 4 that may be executed by a user device (paragraph [0025]) (e.g., “***an OVER file storage client device of the user***” as recited in claim 1), and an OVER File Third-Party Client 6 that may be executed by a third party device to verify the existence and validity of OVER files credentials presented by a user, (see [0026]) (“***an OVER file third-party client verifying device***” as recited in claim 1).

Regarding other elements of claim 1, the specification also provides support for:

“***storing, in a memory of [the OVER engine], information associated with a credential of a user***” (e.g., credential datastore comprised in OVER engine 8 that stores

information from an issuing agency, e.g., the DMV, about the user's credential, e.g., driver's license, see [0031]-[0032]; see also OVER File database 128 as part of various embodiments of OVER engine 8 at [0031]-[0035]) (Also, the term "credential" is clarified as "proving the user's identity or qualifications, which is the ordinary meaning of "credential".);

"receiving, from an OVER file storage device of the user, an OVER file generation request to provide authentication of the user based on the information associated with the credential" (e.g., "generated OVER File credential may be delivered to the device requesting generation of the OVER File generation, such as a user device," at [0035], indicating that the user device first requested the OVER File to provide authentication of the user; see also Fig. 7 and [0046], e.g., a user may "request the generation of a new OVER File by an OVER File generation and verification engine.");

"generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential, based on the information associated with the credential of the user" (e.g., "An OVER File generation and authorization engine 8 may generate OVER File credentials in response to request from an OVER File storage client 4 or an OVER File third party client 6," at [0027]. OVER Files are "representative of the user's credentials"; the "OVER File may also comprise ... any other credential that may be electronically verified by an issuing agency," at [0025]. Also, the "issuing agency database 130" may be used "for verification of the credential," at [0030]. Also, the "issuing agency datastore" may be used "to verify the information contained in the OVER File generation request and to obtain additional credential information stored by the issuing agency database 130," at [0033].);

"transmitting, to the OVER file storage client device of the user, the OVER

file in response to the OVER file generation request (e.g., “the OVER File may be delivered to a device identified in the OVER File generation request for storage... such as a user device,” at [0035]);

“receiving, from an OVER file third-party client verifying device, a verifying request to verify that the OVER file transmitted to the device of the user authenticates the user based on a scan associated with the OVER file on the OVER file storage client device of the user” (OVER File third party client 6 may be executed by a third party device to verify the existence and validity of OVER File credentials presented by a user. ... OVER Filed third party client 6 may contact a remote server, such as the OVER File engine 8, see [0026]; see also [0037]-[0038]);

“verifying that the scan associated with the OVER file corresponds with the information associated with the credential of the user that is stored in the OVER engine, in response to the verifying request” (Verification server 226 in communication with OVER File database 228 may compare information received from the third-party verification application... with OVER File credentials stored in the OVER File database 228; the verification server 226 may comprise the OVER File generation and verification engine 8, see [0038]. Also, “the status indicator may comprise a valid indicator if the verification server 226 determines that a valid OVER File credential matching the credential identifier received from the third party verification application is stored in the OVER File database 228 and the OVER File database 228 indicates that the OVER File credential is currently valid.”); and

“transmitting, to the OVER file third-party client verifying device, an authentication message comprising an indication of whether the scan associated with the OVER file on the device of the user corresponds to the information associated with

the credential of the user that is stored in the OVER engine (“A status indicator providing the validity of the OVER File credential may be sent to the OVER File third party client. If the OVER File database determines 230 that the credentials are valid, the verification server 226 may provide a valid status indicator to the third party device,” and “If the OVER File verification server 226 determines 230 that the credentials are invalid, the OVER File verification server 226 may transmit a status indicator indicating an invalid credential and may provide the reason for the invalid status indicator to the third party device,” at [0038]).

Regarding claim 2, similar passages in the specification as described for claim 1 apply where elements in claim 2 are worded similarly. In addition, the specification describes that OVER Files may be validated for a particular user device, meaning one OVER file may not be valid for two or more different user devices (e.g., see [0035], “the information code may contain a device identifier identifying the user device... the delivered OVER Filed credential may be tied to a specific user device... the OVER Filed credential may only be usable by a device matching the device or application identifier”). Accordingly, claim 2 is amended to recite “***a second OVER file storage client device of the user***” to distinguish the device from the “first OVER file storage client device of the user,” and distinguishes “***a second OVER file comprising a second virtual representation of the credential***” from the first OVER file, in that the second OVER file “***has been verified by the issuing agency to be a second official representation of the credential that is invalid for use in the first OVER file storage client device for authenticating the user.***”

Rejections Under 35 U.S.C. § 103(a)

At page 2, paragraph 4 of the Office Action, claims 1-5, 7-15, 17, 19, 21-22, 24-

31 and 33-39 were rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over U.S. Patent Application Publication No. 2007/0208665 to Ohara (Ohara), in view of U.S. Patent No. 8,540,149 to Chu (Chu). Applicant respectfully traverses the anticipation rejection in view of the following remarks.

As amended, claim 1 recites:

1. (Currently Amended) A computer-implemented method comprising:
storing, in a memory of an officially verifiable electronic representation (OVER) generation and verification engine, information associated with a credential of a user for proving the user's identity or qualifications;
receiving, from an OVER file storage client device of the user, a first an OVER file generation request to provide authentication of the user based on the information associated with the credential;
generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential, based on the information associated with the credential of the user;
transmitting, to the OVER file storage client device of the user, the OVER file in response to the first OVER file generation request;
receiving, from an OVER file third-party client verifying device, a second verifying request to verify that the OVER file transmitted to the user authenticates the user based on a scan [[of]]associated with the OVER file on the OVER file storage client device of the user;
verifying that the scan [[of]]associated with the OVER file corresponds with the information associated with the credential of the user that is stored in the OVER engine, in response to the second verifying request; and
transmitting, to the OVER file third-party client verifying device, an authentication message comprising an indication of whether the scan associated with the OVER file on the device of the user corresponds to the information associated with the credential of the user that is stored in the OVER engine.

Applicant respectfully asserts that neither Ohara nor Chu, taken either singly or in combination, teaches or suggests all of the elements of claim 1, as amended.

For example, Applicant respectfully asserts that Ohara in view of Chu fails to teach or suggest “*generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential, based on the information associated with the credential of the user,*” as recited in claim 1.

On pages 3 and 4 of the Final Office Action dated July 6, 2015 (Office Action), the Examiner represents that the elements “generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user” of claim 1 are disclosed in paragraphs [0033] and [0034] of Ohara.

Ohara discusses a method for creating an electronic document, such as a form for a government agency filled-in with information from a database (e.g., Ohara may describe a method for generating a pre-filled PDF). Paragraph [0033] appears to discuss authenticating the user, and if authentication is approved, generating an electronic document for the user (presumably based on a level of access provided by the authentication). The authentication of the user **does not** appear to be used **beyond gaining initial permission to generate a document**. Paragraph [0034] discusses more details about generating the electronic document, such as filling in information to fields in the document (e.g., blank fields of a PDF), and then adding a security policy related to template settings associated with the form.

Nowhere in the descriptions of Ohara does there appear to be a discussion of

*“generating an OVER file comprising a **virtual representation of the credential**,”* wherein the credential is described as *“proving the user’s identity or qualifications,”* as recited in claim 1. Rather, the electronic document in Ohara appears to be simply a separate document, wherein an authentication of the user is used only to gain access to create said document. The document does not appear to comprise a virtual representation of any credential, however. Moreover, Ohara does not appear to discuss a *“**virtual representation of the credential that has been verified by an issuing agency to be an official representation of the credential**,”* as recited in claim 1. Ohara appears to discuss simply generating electronic documents, such as PDFs with filled in information. There is no discussion of how these electronic documents are verified by an issuing agency to be an official representation **of the credential** of the user.

As another example, Applicant respectfully asserts that Ohara in view of Chu fails to teach or suggest, *“receiving, from an OVER file third-party client verifying device, a verifying request to verify that the **OVER file transmitted to the device of the user authenticates the user based on a scan associated with the OVER file on the OVER file storage client device of the user**,”* as recited in claim 1.

On page 5 of the Office Action, the Examiner represents that the elements “receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user” of previously presented claim 1 are disclosed by Chu at col. 1, lines 51-55 and col. 2, lines 1-20.

Chu discusses a barcode scanning system used to authenticate a user. The system includes a barcode coding module that codes a user ID and a user encrypted message into a barcode. The barcode coding module resides in a portable device of the user (see col. 1,

line 67-col. 2, line 5). In other words, it is the barcode module, which resides in the portable device of the user, that creates the barcode with authentication information.

In contrast, in claim 1, the OVER file is not created by the user device, unlike the barcode coding module on a user device as discussed in Chu. Rather, claim 1 recites **“generating, by a processor of the OVER engine, an OVER file...”** Also, the OVER file is transmitted to the device of the user from the OVER engine, as claim 1 recites, **“transmitting, to the OVER file storage client device of the user, the OVER file.”** In other words, the data discussed in Chu that is scanned in the barcode scanning system cannot be equated with the OVER file discussed in claim 1, since the OVER file in claim 1 possesses different characteristics, such as the OVER file being generated by a processor of the OVER engine, rather than be generated by the user device as discussed in Chu. Therefore, Chu does not teach or suggest **“the OVER file transmitted to the device of the user authenticates the user based on a scan associated with the OVER file on the device of the user,”** as recited in claim 1.

As a third example, Applicant respectfully asserts that Ohara in view of Chu fails to teach or suggest **“verifying that the scan associated with the OVER file corresponds with the information associated with the credential of the user that is stored in the OVER engine, in response to the verifying request,”** as recited in claim 1.

On page 5 of the Office Action, the Examiner represents that the elements “verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request” of previously presented claim 1 are disclosed by Chu at col. 1, lines 51-55 and col. 2, lines 1-20.

It is unclear where in the cited passage of Chu these elements are taught. On the other hand, FIG. 3 of Chu adds further details of the authentication process described in Chu. Based on FIG. 3 and related written description, it appears that the “trade information **provided by the store**” and the “trade information **provided by the user**” are compared, and if they conform to conditions of authentication, then the trade is verified (see FIG. 3, such as step 315). This comparison is performed by an authentication host 14, which obtains both sets of data for comparison **from different sources other than itself** (i.e., trade information provided by the store and trade information provided by the user) (see col. 7, lines 20-25).

In contrast, claim 1 recites that one of the sources of information for comparison originates from the generation and verification engine itself. The “*scan associated with the OVER file*” comes from the request of the third-party verifying device (i.e., claim 1 recites “receiving, from an OVER file third-party client verifying device, a verifying request to verify that the OVER file transmitted to the device of the user authenticates the user based on a scan associated with the OVER file on the device of the user”), while the “**information associated with the credential of the user**” is **stored in the OVER engine itself** (i.e., claim 1 recites “storing, in a memory of the ... OVER generation and verification engine, information associated with a credential of a user”). Yet, neither of the types of information for comparison in Chu (i.e., the “trade information **provided by the store**” and the “trade information **provided by the user**”) appear to come from the same verification engine used to compare the two types of data together, such as a generation and verification engine like the OVER engine as recited in claim 1. Applicant therefore asserts that Chu fails to teach “*verifying that the scan associated with the OVER file **corresponds with the information associated with the credential of the user***,” as recited in claim 1, since Chu does not teach any analogous data that is used for

comparison by a verification engine that originates from the verification engine itself.

For at least these reasons, Applicant respectfully asserts that claim 1 is patentable over Ohara in view of Chu and is in condition for allowance.

Claims 2-5, 7-15, which depend from claim 1, are in condition for allowance for at least the reasons discussed in relation to claim 1, as well as for the additional elements they recite.

Claims 17 and 26, which recites elements similar to claim 1, are in condition for allowance for at least the reasons discussed in relation to claim 1, as well as for the additional elements they recite.

Claims 19, 21-22, 24-25, 27-31, and 33-39, which depend from their respective independent claims, are in condition for allowance for at least the reasons discussed in relation to their independent claims, as well as for the additional elements they recite.

In view of the above, Applicant respectfully requests the withdrawal of the rejection under 35 U.S.C. § 103(a), and submits that the pending claims are in the condition for allowance.

Conclusion

In view of the foregoing remarks, Applicant respectfully submits that this application is now in condition for allowance. Accordingly, a timely Notice of Allowance to this effect is earnestly solicited. Nevertheless, Applicant respectfully requests that the Examiner contact the undersigned representative by telephone prior to issuing a subsequent Office Action to discuss any outstanding issues with this application in the event that the foregoing amendments and remarks fail to advance the present application to allowance.

Applicant does not otherwise concede, however, the correctness of the Office Action rejections with respect to any of the claims discussed above. Accordingly, Applicant hereby reserves the right to make additional arguments as may be necessary to further distinguish the claims from the cited reference based on the additional features contained in the dependent claims that were not discussed above as well as aspects of the independent claims not directly addressed above. A detailed discussion of these differences is believed to be unnecessary at this time in view of the basic differences discussed above with respect to the independent claims.

The Office is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No. 02-1818. Furthermore, if an extension is required, then the Applicant hereby requests such extension.

Respectfully submitted,

Date: September 9, 2015

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EFS ID:	23434243
Application Number:	13794878
International Application Number:	
Confirmation Number:	5721
Title of Invention:	FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS
First Named Inventor/Applicant Name:	Shaunt M. Sarkissian
Customer Number:	26285
Filer:	Jordan Anthony Kwan/Michelle Begay
Filer Authorized By:	Jordan Anthony Kwan
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Time Stamp:	21:26:44
Application Type:	Utility under 35 USC 111(a)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	After Final Consideration Program Request	1402374_00003_AF_Pilot_Consideration.pdf	227009 bf9bbe83d16616d27fe00a18ad077f5e0a49aa86	no	2

Warnings:

Information:

2		1402374_00003_Response.pdf	86857	yes	21
	db566f00471d287865b8629a32b7400d16493cbe				
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Response After Final Action		1	1	
	Claims		2	9	
	Applicant Arguments/Remarks Made in an Amendment		10	21	
Warnings:					
Information:					
Total Files Size (in bytes):			313866		
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PITTSBURGH, PA 15222-2613

EXAMINER

NIPA, WASIKA

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Please find below and/or attached an Office communication concerning this application or proceeding.

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<i>Applicant-Initiated Interview Summary</i>	Application No. 13/794,878	Applicant(s) SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	

All participants (applicant, applicant's representative, PTO personnel):

(1) WASIKA NIPA. (3) Jordan Kwan.

(2) _____. (4) _____.

Date of Interview: 25 August 2015.

Type: ☒ Telephonic ☐ Video Conference
 ☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
 If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
 (For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1 and 2.

Identification of prior art discussed: Ohara & Chu.

Substance of Interview
 (For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

The inventor discussed the background of the invention and pointed out the novelty of the application and how the invention is different from other inventions that are already out in the market. Applicant's representative discussed claim 1 with respect to Fig-1. Examiner pointed out that some claim limitations are not found in the specification. Applicant's representative mentioned that the limitations are present in the specification but may not be written the way the claims are written. Examiner urged to rewrite the claim in light of the specification to avoid any indefiniteness rejection. Examiner also suggested to define some limitation (credential, virtual representation of the credential, difference between issuing agency and third party verifying device) in claim 1 to get rid of any ambiguity .

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☒ Attachment

	/WASIKA NIPA/ Examiner, Art Unit 2433
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Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Examiner Interview Agenda re Final Office Action mailed July 6, 2015, for Application No. 13/794,878

Date and Time: August 25, 2015 at 2:30PM Eastern Time

Location: Call Examiner Nipa 571-272-8923

Attendees: Examiner Wasika Nipa, and Jordan Kwan

Dear Examiner Nipa,

Thank you again for agreeing to discuss the above matter in an interview at the above scheduled time. Please see the following proposed points of discussion in preparation for the interview:

Claim 1 recites:

1. (Previously Presented) A computer-implemented method comprising:
 - storing, in a memory of an officially verifiable electronic representation (OVER) engine, information associated with a credential of a user;
 - receiving, from a device of the user, a first request to provide authentication of the user based on the information associated with the credential;
 - generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user;
 - transmitting, to the device of the user, the OVER file in response to the first request;
 - receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user;
 - verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request; and
 - transmitting, to the third-party verifying device, an authentication message comprising verification that the OVER file corresponds to the credential of the user.

1. On pages 3 and 4 of the Final Office Action dated July 6, 2015 (Office Action), the Examiner represents that the elements “generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user” of claim 1 are disclosed in paragraphs [0033] and [0034] of Ohara (US 2007/0208665).

Ohara discusses a method for creating an electronic document, such as a form for a government agency filled in with information from a database (e.g., Ohara may describe a method for generating a pre-filled PDF). Paragraph [0033] appears to discuss authenticating the user, and if authentication is approved, generating an electronic document for the user (presumably based on a level of access provided by the authentication). The authentication of the user does not appear to be used beyond gaining initial permission to generate a document. Paragraph [0034] discusses more details about generating the electronic document, such as filling in information to fields in the document (e.g., blank fields of a PDF), and then adding a security policy related to template settings associated with the form.

It is unclear where these paragraphs discuss *an OVER file comprising a virtual representation of the credential that has been verified to represent the credential*, as recited in claim 1. It is unclear where a virtual representation of the credential is described in these paragraphs, including where that virtual representation is verified to represent the credential. Clarification is desired.

2. On page 5 of the Office Action, the Examiner represents that the elements “receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user” of claim 1 are disclosed by Chu (US 8,540,149 B1) at col. 1, lines 51-55 and col. 2, lines 1-20.

Chu discusses a barcode scanning system used to authenticate a user. The system includes a barcode coding module that codes a user ID and a user encrypted message into a barcode. The barcode coding module resides in a portable device of the user (see col. 1, line 67-col. 2, line 5).

However, in claim 1, the OVER file is not created by the user device, such as with a barcode coding module on a user device. The OVER file is transmitted to the device of the user from the OVER engine. It is unclear therefore where Chu teaches “*a scan of the OVER file on the device of the user,*” as recited in claim 1. Clarification is desired.

3. On page 5 of the Office Action, the Examiner represents that the elements “verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request” of claim 1 are disclosed by Chu at col. 1, lines 51-55 and col. 2, lines 1-20.

It is unclear where in the cited passage of Chu these elements are taught. On the other hand, FIG. 3 of Chu adds further details of the authentication process described in Chu. Based on FIG. 3 and related written description, it appears that the “trade information provided by the store” and the “trade information provided by the user” are compared, and if they conform to conditions of authentication, then the trade is verified (see FIG. 3, such as step 315).

However, claim 1 recites verifying that the scan of the OVER file corresponds with the credential of the user. The scan of the OVER file comes from a third-party verifying device, while the *credential of the user* is stored in the OVER engine itself. Yet, neither of the types of information for comparison in Chu appear to come from an authentication engine like the OVER engine itself. It is therefore unclear where Chu teaches “*verifying that the scan of the OVER file corresponds with the credential of the user,*” as recited in claim 1.

We are open to considering amending the claims to add clarifying terms, if it will help address any ambiguities in the claim.

We look forward to discussing at least these points during our interview. Please let us know of any questions or concerns in the meantime.

Sincerely,

/Jordan Kwan/

Jordan Kwan

Examiner Interview Agenda
Application No.: 13/794,878
Attorney Docket No.: 120393 // 1402374.00003
Interview Date: 8/25/2015 @ 2:30PM ET

Reg. No. 67,954
650.798.6734

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/794,878	Filing Date 03/12/2013	☐ To be Mailed
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ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	08/08/2015	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total (37 CFR 1.16(i))	* 33	Minus	** 39	= 0	X \$40 = 0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$210 = 0
	☐ Application Size Fee (37 CFR 1.16(s))					
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE						0

AMENDMENT	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =
	☐ Application Size Fee (37 CFR 1.16(s))					
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE						

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/FRANCES FIELDS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	03/12/2013	Shaunt M. Sarkissian	120393	5721

26285 7590 07/06/2015
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

EXAMINER

NIPA, WASIKA

ART UNIT	PAPER NUMBER
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2433

NOTIFICATION DATE	DELIVERY MODE
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07/06/2015

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USpatentmail@klgates.com

Office Action Summary	Application No. 13/794,878	Applicant(s) SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03/12/2013.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 5) ☒ Claim(s) 1-5, 7-15, 17, 19, 21-22, 24-31, 33-39 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 1-5, 7-15, 17, 19, 21-22, 24-31, 33-39 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 03/11/2013 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) ☒ Notice of References Cited (PTO-892) | 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____. | 4) ☐ Other: ____. |

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.

Response to Arguments

2. Applicant's arguments added in the amendment filed on 05/27/2015 have been fully considered but are moot in view of new grounds of rejection. The reason set forth below.

Claim Rejections - 35 USC § 103

3. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claim 1-5, 7-15, 17, 19, 21-22, 24-31, 33-39 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Ohara (US Patent Application Publication No. US 2007/0208665 A1) in view of Chu (US Patent No 8,540,149 B1).**
5. **Regarding Claim 1**, Ohara discloses a computer-implemented method comprising:

storing, in a memory of an officially verifiable electronic representation (OVER) engine, information associated with a credential of a user (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name);

receiving, from a device of the user, a first request to provide authentication of the user based on the information associated with the credential (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy); and

generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user (Ohara, ¶[0033], after verification is

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performed then operation of creating an electronic document is started.

¶[0034], the process server extracts data from the database on the basis of the input condition and assigns the resultant data to the fields of the selected form to create an electronic document. The process server then embeds identifying information into the created electronic document.

Electronic document is also transmitted to a third party);

transmitting, to the device of the user, the OVER file in response to the first request (Ohara, ¶[0024], the process server transmits the electronic document to the client).

Ohara does not appear to disclose the following limitation that Chu discloses:

receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module);

verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module);

transmitting, to the third-party verifying device, an authentication message comprising an indication of whether the OVER file corresponds to the credential of the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication

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host. Authentication host has a decoding module and a verifying module).

Ohara in view of Chu are analogous art because they are from the “same field of endeavor” and are from the same “problem solving area”. Namely, they pertain to the field of “credential based electronic document creation”. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the invention of Ohara in view of Chu to include the idea of adding the feature of generating the electronic document based on user credential and verify that electronic document by third party to authenticate the user. This will enable the process server to generate the electronic representation for any identified/valid client.

6. **Regarding claim 2**, Ohara in view of Chu discloses the computer-implemented method of claim 1, wherein the OVER file is a first OVER file, the device of the user is a first device of the user, and the virtual representation is a first virtual representation, and the method further comprises (Ohara, ¶[0027], the repository stores electronic document that has been created based on user request).

receiving, from a second device of the user, a third request to provide authentication of the user based on the information associated with the credential (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to

Art Unit: 2433

process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name, a group to which the user belongs and contact information);

generating, by the processor, a second OVER file comprising a second virtual representation of the credential that has been verified to represent the credential and that is invalid for use in the first device for authenticating the user (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy. ¶[0029], the electronic document creating section creates the electronic document using form 28. Necessary security settings are also performed. The process server has the capability of controlling operation on the basis of the security settings where a created electronic document is later downloaded by another user. Thus it is obvious that if the device ID and user ID are not same then different OVER file will be created though the same user may send request from different device);

transmitting to the second device of the user the second OVER file in response to the third request (Ohara, ¶[0024], the process server transmits the electronic document to the client).

7. **Regarding claim 3**, Ohara in view of Chu discloses the computer-implemented method of claim 1 further comprising generating, by the processor of the OVER engine, the credential, wherein the credential is generated when the processor determines that no credential of the user is stored (Ohara, ¶[0033], operation of creating an electronic document is started when the user is verified. The process server retrieves information from repository and asks the policy management server to check if the user has permission to create a new electronic document. It is then verified to find out if the user has permission to create a new electronic document. Thus if the match does not exist then the credential will be generated).

8. **Regarding claim 4**, Ohara in view of Chu discloses the computer-implemented method of claim 3, comprising:

requesting, by the processor of the OVER engine to an issuing agency, an agency authentication to validate the credential, wherein the issuing agency issued the credential of the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode

Art Unit: 2433

scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module);

receiving, by the OVER engine, a status indicator and credential information associated with the credential and (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module);

storing, by the OVER engine, the status indicator (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning

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device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

9. **Regarding claim 5**, Ohara in view of Chu discloses the computer-implemented method of claim 4, receiving, wherein the status indicator indicates the credential is valid (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).
10. **Regarding claim 7**, Ohara in view of Chu discloses the computer-implemented method of claim 1, further comprising generating, by the OVER engine, a device identifier for the credential, wherein the device identifier limits the credential to the client device (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to

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the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy. ¶[0029], the electronic document creating section creates the electronic document using form 28. Necessary security settings are also performed. The process server has the capability of controlling operation on the basis of the security settings where a created electronic document is later downloaded by another user. Thus it is obvious that if the device ID and user ID are not same then different OVER file will be created though the same user may send request from different device).

11. **Regarding claim 8**, Ohara in view of Chu discloses the computer-implemented method of claim 4, wherein the status indicator indicates an invalid credential and the credential information indicates a reason for the invalid credential, (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

12. **Regarding claim 9**, Ohara in view of Chu discloses the computer-implemented method of claim 1, further comprising generating, by the OVER engine, a reference to a remotely stored credential, wherein the information associated with the credential of the user comprises the reference to the remotely stored credential (Ohara, ¶[0027], the repository stores electronic document that has been created based on user request. Generating the reference to point the client to the repository does not employ any inventive step and is well known in the art)
13. **Regarding claim 10**, Ohara in view of Chu discloses the computer-implemented method of claim 2, comprising storing, by the OVER engine, user-specific information (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).
14. **Regarding claim 11**, Ohara in view of Chu discloses the computer-implemented method of claim 10, comprising storing, by the credential engine, the user specific-information selected from the group consisting of: biometric

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information, location information, a password, a device identifier (Ohara, Abstract, the electronic document creating device includes an obtaining unit.

¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database.

¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

15. **Regarding claim 12**, Ohara in view of Chu discloses the computer-implemented method of claim 1, further comprising checking, by the OVER engine, a status indicator of a stored credential, wherein the request for the credential action comprises a credential identifier (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

16. **Regarding claim 13**, Ohara in view of Chu discloses the computer-implemented method of claim 12, wherein verifying that the scan of the OVER file corresponds with the credential of the user comprises comparing the

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credential identifier with the one or more stored credentials (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

17. **Regarding claim 14**, Ohara in view of Chu discloses the computer-implemented method of claim 13, wherein the authentication message comprises the status indicator of the stored credential when the credential identifier matches a stored credential (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

18. **Regarding claim 15**, Ohara in view of Chu discloses the computer-implemented method of claim 1, wherein the OVER file comprises a portion of the stored credential (Ohara, Abstract, the electronic document creating device

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includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

19. **Regarding claim 17**, Ohara discloses a computer-implemented method for requesting an officially verifiable electronic representation, the method comprising:

transmitting, from a device of a user, a first request to provide authentication of the user based on information associated with a credential of the user (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name);

receiving, at the device of the user, an officially verifiable electronic representation (OVER) file in response to the first request, the OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the

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credential of the user (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy);

Ohara does not appear to disclose the following limitation that Chu discloses:

displaying a portion of the OVER file to a third-party verifying device to authenticate the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module););

receiving, at the device of the user, an authentication message comprising a status indicator indicating whether the OVER file corresponds to the credential of the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device

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that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

20. **Regarding claim 19**, Ohara in view of Chu discloses the computer-implemented method of claim 17, wherein the displayed portion of the OVER file is scanned as part of authenticating the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

21. **Regarding claim 21**, Ohara in view of Chu discloses the computer-implemented method of claim 17, wherein the OVER file comprises a device identifier, wherein the device identifier limits the validity of the OVER file to the device of the user (Chu, col 5, line 7-15, the password, the portable device

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identification code and the user unique identification code are defined as user key).

22. **Regarding claim 22**, Ohara in view of Chu discloses the computer-implemented method of claim 17, comprising:

collecting, by the device, user-specific information (Chu, col 5, line 7-15, the password, the portable device identification code and the user unique identification code are defined as user key); and

transmitting, by the device, the user-specific information to a credential engine, wherein the user-specific information is included in the OVER file (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database).

23. **Regarding claim 24**, Ohara in view of Chu discloses the computer-

implemented method of claim 17, wherein when the OVER file comprises a credential image (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information

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retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

24. **Regarding claim 25**, Ohara in view of Chu discloses the computer-implemented method of claim 17, wherein when the status indicator indicates an invalid credential, and the authentication message comprises a reason for the invalid credential (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

25. **Regarding claim 26**, Ohara discloses an apparatus comprising:

a processor;

a memory unit operatively coupled to the processor, the memory unit configured to store information associated with a credential of a user and a plurality of instructions, wherein the instructions are configured to program the processor to:

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receive, from a device of the user, a first request to provide authentication of the user based on the information associated with the credential (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy);

generate an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user (Ohara, ¶[0033], after verification is performed then operation of creating an electronic document is started. ¶[0034], the process server extracts data from the database on the basis of the input condition and assigns the resultant data to the fields of the selected form to create an electronic document. The process server then embeds identifying information into the created electronic document. Electronic document is also transmitted to a third party);

transmit, to the device of the user, the OVER file in response to the first request (Ohara, ¶[0024], the process server transmits the electronic document to the client); and

Ohara does not appear to disclose the following limitation that Chu discloses:

receive, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request; and (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

transmit, to the third-party verifying device, an authentication message comprising a status indicator indicating whether the OVER file corresponds to the credential of the user (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

26. **Regarding claim 27**, Ohara in view of Chu discloses the apparatus of claim 26, wherein the instructions further program the processor to generate the credential, wherein the credential is generated when the processor determines that no matching credential is stored (Ohara, ¶[0033], operation of creating an electronic document is started when the user is verified. The process server retrieves information from repository and asks the policy management server to check if the user has permission to create a new electronic document. It is then verified to find out if the user has permission to create a new electronic

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document. Thus if the match does not exist then the credential will be generated).

27. **Regarding claim 28**, Ohara in view of Chu discloses the apparatus of claim 26, wherein the instructions are further configured to program the processor to:

request the credential from an issuing agency, wherein the issuing agency stores credentials issued by an issuing agency (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module);

receive the status indicator and credential information associated with the credential transmitted by the issuing agency (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device

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and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module); and

store the credential and the status indicator (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted message to the authentication host. Authentication host has a decoding module and a verifying module).

28. **Regarding claim 29**, Ohara in view of Chu discloses the apparatus of claim 28, wherein the credential information comprises the credential, and wherein the status indicator indicates a valid credential (Chu, col 1 line 51-55, active barcode authentication system which actively provides an encrypted message barcode and can easily authenticate the ID of a user. The system comprises a barcode scanning device that reads plural barcodes. Also col 2, line 1-20, the barcode scanning device captures the barcode presented by the portable device. An identification host is connected with the barcode scanning device and comprises of SSL module. The identification host transmits the encrypted

message to the authentication host. Authentication host has a decoding module and a verifying module).

29. **Regarding claim 30**, Ohara in view of Chu discloses the apparatus of claim 28, wherein the credential information comprises user-specific information (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).
30. **Regarding claim 31**, Ohara in view of Chu discloses the apparatus of claim 30, wherein the user-specific information is selected from the group consisting of: biometric information, location information, a password, a device identifier (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

31. **Regarding claim 33**, Ohara in view of Chu discloses the apparatus of claim 26, wherein the instructions are configured to program the processor to generate a device identifier for the credential, wherein the device identifier limits the credential to the client device (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).
32. **Regarding claim 34**, Ohara in view of Chu discloses the apparatus of claim 28, wherein the status indicator indicates an invalid credential, and wherein the response transmitted to the user device comprises the status indicator (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

33. **Regarding claim 35**, Ohara in view of Chu discloses the apparatus of claim 28, wherein the stored credential comprises a reference to a remotely stored credential (Ohara, ¶[0027], the repository stores electronic document that has been created based on user request. Generating the reference to point the client to the repository does not employ any inventive step and is well known in the art).
34. **Regarding claim 36**, Ohara in view of Chu discloses the apparatus of claim 28, wherein the credential action comprises checking, by the processor, a status indicator of a stored credential, wherein the request for the credential action comprises a credential identifier (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).
35. **Regarding claim 37**, Ohara in view of Chu discloses the apparatus of claim 36, wherein the credential response is determined by comparing the credential identifier with the one or more stored credentials (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the

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client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

36. **Regarding claim 38**, Ohara in view of Chu discloses the apparatus of claim 37, wherein when the credential identifier matches a stored credential, the response to the request for the credential action comprises the status indicator of the stored credential (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

37. **Regarding claim 39**, Ohara in view of Chu discloses the apparatus of claim 38, wherein when the credential identifier does not match a stored credential, the response to the request for the credential action comprises an invalid credential response (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process

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an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database. ¶[0025], the user information managed by the directory service 16 may include user's general information such as user name).

Conclusion

38. THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action. Any inquiry concerning this communication or earlier communications from the examiner should be directed to WASIKA NIPA whose telephone number is (571)272-8923. The examiner can normally be reached on M-F (7:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JEFFRY PWU can be reached on 571-272-6798. The

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fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/WN/

Examiner, Art Unit 2433

/JEFFREY PWU/

Supervisory Patent Examiner, Art Unit 2433

Notice of References Cited	Application/Control No. 13/794,878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2007/0208665	09-2007	Ohara, Hiromi	705/51
*	B	US-7,290,146	10-2007	Ekers et al.	713/182
*	C	US-8,132,237	03-2012	Kang, Hyun Ku	726/4
*	D	US-2010/0250389	09-2010	Augustin et al.	705/26
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes 	Application/Control No. 13794878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.
	Examiner WASIKA NIPA	Art Unit 2433

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
	None alone		

SEARCH NOTES		
Search Notes	Date	Examiner
Google Scholar	6/18/2015	WN
Google Patent Search	6/18/2015	WN
East classification 705, 713, 726 and 380 with text	6/18/2015	WN
Inventor Search	11/24/2014	WN
Assignee Search	11/24/2014	WN
CPC classification search with limited text	11/24/2014	WN

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
726	006	11/24/2014	WN

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	kr with 10-2011-0130002.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/20 10:35
S2	0	kr with "1020110130002".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/20 10:35
S3	1	kr with "20060093594".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/20 11:21
S4	6	((Shaunt) near2 (Sarkissian)).INV.	US-PGPUB; USPAT	OR	ON	2014/11/21 11:42
S5	1	((Shaunt) near2 (Sarkissian)).INV.	EPO; JPO; DERWENT	OR	ON	2014/11/21 11:42
S6	6	cortex.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/21 11:48
S7	0	cortex with MCP.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/21 11:48
S8	2	"8132237".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/21 11:49
S9	7	("20020016910" "20020156737" "20020161721" "20050038756" "20070156726" "20070208665" "6289460").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2014/11/21 11:49

S10	2	"20070208665".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/24 08:44
S11	7	"20030036925"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 08:53
S12	3	"20030036925".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 08:53
S13	3	"20010049705".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 08:55
S14	3	officially with verifiable with electronic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 08:59
S15	0	electronic with representation and credential with action	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:00
S16	2434397	credential with action and credential issu\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:02
S17	431	credential with action and credential with issu\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:02
S18	17	credential with action and credential with issu\$3 with agency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/11/25 09:02

			DERWENT; IBM_TDB			
S19	89	credential with issu\$3 with agency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:02
S20	68	credential with issu\$3 with agency and code	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:03
S21	47	credential with issu\$3 with agency and code and (stor\$3 with credential)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:03
S22	47	credential with issu\$3 with agency and code and (stor\$3 with credential) and (request\$3 receiv\$3 stor\$3) with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:04
S23	45	credential with issu\$3 with agency and code and (stor\$3 with credential) and (request\$3 receiv\$3 stor\$3) with credential and electronic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:04
S24	25	credential with issu\$3 with agency and code and (stor\$3 with credential) and (request\$3 receiv\$3 stor\$3) with credential and electronic and valid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:05
S25	89	credential with issu\$3 with agency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:34
S26	70	credential with issu\$3 with agency and request	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:34
S27	57	credential with issu\$3 with agency and request and ("705" "713" "726" "380").clas.	US-PGPUB; USPAT; USOCR;	OR	ON	2014/11/25 09:35

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S28	0	credential with issu\$3 with agency	EPO; JPO	OR	ON	2014/11/25 09:35
S29	431	credential with action and credential with issu\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:36
S30	3176	credential with identifier and valid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:36
S31	2348	(permit\$3 permission grant\$3) with access and valid near4 credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 09:39
S32	7554	credential with (id identifier identification) and (valid invalid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:14
S33	1554	credential with (id identifier identification) same (valid invalid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:15
S34	942	credential with (id identifier identification) same (valid invalid) and match	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:16
S35	396	credential with (id identifier identification) same (valid invalid) and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:16
S36	418	credential with (id identifier identification indicator) same (valid invalid) and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/11/25 14:17

			IBM_TDB			
S37	351	credential with (id identifier identification indicator) same (valid invalid) with credential and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:17
S38	228	credential with (id identifier identification indicator) same (valid invalid) near3 credential and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:17
S39	208	credential near5 (id identifier identification indicator) same (valid invalid) near3 credential and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:17
S40	206	credential near5 (id identifier identification indicator) same (valid invalid) near3 credential and match with credential and (store storing stored)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:18
S41	184	credential near5 (id identifier identification indicator) same (valid invalid) near3 credential and match with credential and (store storing stored) and (user client device) with (id identification identifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:18
S42	22	credential with issu\$3 with agency and request and H04I 9/00.CPC.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:19
S43	56	credential near5 (id identifier identification indicator) same (valid invalid) near3 credential and match with credential and (store storing stored) and (user client device) with (id identification identifier) AND h04I 9/00.CPC.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:20
S44	56	credential near5 (id identifier identification indicator) same (valid invalid) near3 credential and match with credential and (store storing stored) and (user client device) with (id identification identifier) AND H04I 9/00.CPC.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:20
S45	9	credential near5 (id identifier identification indicator) same (valid invalid) near3 credential and match with credential and (store storing	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2014/11/25 14:20

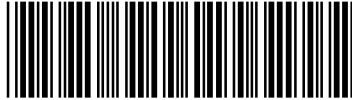
		stored) and (user client device) with (id identification identifier) and G06Q 99/00.cpc.	JPO; DERWENT; IBM_TDB			
S46	2969	method with personal with information with mobile with communication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/11 15:01
S47	44	method near2 personal near2 information near2 mobile near2 communication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/11 15:02
S48	43	method near2 personal near2 information near2 mobile near2 communication near2 mobile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/11 15:02
S49	4	method near2 personal near2 information near2 mobile near2 communication near2 mobile and LG near2 electronics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/11 15:03
S50	538	(certificate with shar\$3) same (smart mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:25
S51	154	(certificate with shar\$3) same (smart mobile) and credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:25
S52	12065	(credential with server) and (mobile smart) with (phone device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:49
S53	895	stor\$3 near3 (credential with server) and (mobile smart) with (phone device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:50
S54	1198	(stor\$3 verify\$3) near3 (credential with server) and (mobile smart) with	US-PGPUB; USPAT;	OR	ON	2015/06/18 14:50

		(phone device)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S55	652	(stor\$3 verify\$3) near3 (credential with server) and (mobile smart) with (phone device) and request with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:51
S56	609	(stor\$3 verify\$3) near3 (credential with server) and (mobile smart) with (phone device) and request with credential and authenticat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:52
S57	308	(stor\$3 verify\$3) near3 (credential with server) and (mobile smart) with (phone device) and request with credential and authenticat\$4 and scan\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/06/18 14:53

EAST Search History (I nterference)

<This search history is empty>

6/ 19/ 2015 3:30:21 PM
C:\ Users\ wnipa\ Documents\ EAST\ Workspaces\ 13794878.wsp

<i>Index of Claims</i> 	Application/Control No. 13794878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.
	Examiner WASIKA NIPA	Art Unit 2433

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant				☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE							
Final	Original	11/24/2014	06/19/2015						
	1	✓	✓						
	2	✓	✓						
	3	✓	✓						
	4	✓	✓						
	5	✓	✓						
	6	✓	-						
	7	✓	✓						
	8	✓	✓						
	9	✓	✓						
	10	✓	✓						
	11	✓	✓						
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	28	✓	✓						
	29	✓	✓						
	30	✓	✓						
	31	✓	✓						
	32	✓	-						
	33	✓	✓						
	34	✓	✓						
	35	✓	✓						
	36	✓	✓						

<i>Index of Claims</i> 	Application/Control No. 13794878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.
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☐ Claims renumbered in the same order as presented by applicant				☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE							
Final	Original	11/24/2014	06/19/2015						
	37	✓	✓						
	38	✓	✓						
	39	✓	✓						



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	03/12/2013	Shaunt M. Sarkissian	120393	5721

26285 7590 06/04/2015
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

EXAMINER

NIPA, WASIKA

ART UNIT	PAPER NUMBER
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2433

NOTIFICATION DATE	DELIVERY MODE
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06/04/2015

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USpatentmail@klgates.com

<i>Applicant-Initiated Interview Summary</i>	Application No. 13/794,878	Applicant(s) SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	

All participants (applicant, applicant's representative, PTO personnel):

(1) WASIKA NIPA. (3) Jordan Kwan.

(2) _____. (4) Shaunt Sarkissian.

Date of Interview: 26 May 2015.

Type: ☒ Telephonic ☐ Video Conference
 ☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
 If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
 (For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1.

Identification of prior art discussed: Ohara & Ekers.

Substance of Interview
 (For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

The inventor discussed the background of the invention and pointed out the novelty of the application and how the invention is different from other inventions that are already out in the market. Applicant's representative discussed claim 1 with respect to Fig-1. Claims 1 and 2 have been amended substantially. So he discussed the proposed amendment and clarified how it may overcome the recited prior art. Examiner pointed out that some claim limitations are not found in the specification. Applicant's representative mentioned that the limitations are present in the specification but may not be written the way the claims are written. Examiner urged to rewrite the claim in light of the specification to avoid any indefiniteness rejection.

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

	/WASIKA NIPA/ Examiner, Art Unit 2433
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Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shaunt M. Sarkissian)	Examiner:	Nipa, Wasika
Serial No:	13/794,878)	Art Unit:	2433
Filing Date:	March 12, 2013)	Atty. Docket No.:	120393
Confirmation No:	5721)		

Title: FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS

AMENDMENT AND RESPONSE TO OFFICE ACTION

K&L Gates LLP
Palo Alto, California 94301

VIA ELECTRONIC FILING

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

The present Amendment and Response is in reply to the Non-Final Office Action dated December 4, 2014, in which the three-month period for response expires on March 4, 2015, and should be considered timely filed up to the extended period expiring on June 4, 2015 with the payment of a three-month extension of time fee. The three-month extension of time fee is filed herewith. Accordingly this response should be considered timely filed. In response to the Non-Final Office Action, Applicant submits the following:

Amendments to the Claims according to the **Listing of Claims** beginning on page 2; and

Remarks beginning on page 10.

LISTING OF CLAIMS

Please amend the claims as follows. This listing of claims will replace all prior versions and listing of claims in the application.

CLAIMS

What is claimed is:

1. Currently Amended) A computer-implemented method for generating and verifying officially verifiable electronic representations, the method comprising:
 - storing, in a memory of an officially verifiable electronic representation (OVER) engine, information associated with a credential of a user;
 - receiving, from a device of the user, a first request to provide authentication of the user based on the information associated with the credential;
 - generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user;
 - transmitting, to the device of the user, the OVER file in response to the first request;
 - receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user;
 - verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request; and
 - transmitting, to the third-party verifying device, an authentication message comprising an indication of whether the OVER file corresponds to the credential of the user.
 - ~~receiving, by a credential engine executed by a processor, a request for a credential action;~~
 - ~~—determining, by the credential action, a response to the credential action based on the one or more user credentials; and~~
 - ~~—transmitting, by the processor, the response to the credential action.~~

2. (Currently Amended) The computer-implemented method of claim 1, wherein the OVER file is a first OVER file, the device of the user is a first device of the user, and the virtual representation is a first virtual representation, and the method further comprises:

receiving, from a second device of the user, a third request to provide authentication of the user based on the information associated with the credential;

generating, by the processor, a second OVER file comprising a second virtual representation of the credential that has been verified to represent the credential and that is invalid for use in the first device for authenticating the user; and

transmitting to the second device of the user the second OVER file in response to the third request.

comprising storing, by the credential engine, one or more credentials.

3. (Currently Amended) The computer-implemented method of claim ~~[[2]]~~1, further comprising generating, by the credential processor of the OVER engine, ~~[[a]]~~the credential, wherein the credential is generated when the credential engine processor determines that no matching credential of the user is stored.

4. (Currently Amended) The computer-implemented method of claim ~~[[3]]~~1, further comprising:

requesting, by the credential processor of the OVER engine to an issuing agency, an agency authentication to validate the credential from an issuing agency, wherein the issuing agency issued the credential of the user; stores credentials issued by the issuing agency;

receiving, by the credential OVER engine, ~~[[the]]~~a status indicator and credential information associated with the credential transmitted by the issuing agency; and

storing, by the credential OVER engine, the status indicator.

5. (Currently Amended) The computer-implemented method of claim 4, ~~receiving, by the credential engine, credential information comprising the credential, wherein the status indicator indicates a valid~~ the credential is valid.

6. (Canceled.)

7. (Currently Amended) The computer-implemented method of claim ~~[[6]]~~1, further comprising generating, by the credential OVER engine, a device identifier for the credential, wherein the device identifier limits the credential to the client device.
8. (Currently Amended) The computer-implemented method of claim 4, wherein the status indicator indicates an invalid credential and the credential information indicates ~~[[the]]~~a reason for the invalid credential, ~~and wherein the response transmitted to the client device comprises the status indicator and the credential information.~~
9. (Currently Amended) The computer-implemented method of claim ~~[[2]]~~1, further comprising generating, by the credential OVER engine, a reference to a remotely stored credential, wherein the information associated with the credential of the user ~~one or more~~ credentials stored by the credential engine comprises the reference to the ~~one or more~~ remotely stored credential~~[[s]]~~.
10. (Currently Amended) The computer-implemented method of claim ~~[[2]]~~1, further comprising storing, by the credential OVER engine, user-specific information.
11. (Currently Amended) The computer-implemented method of claim 10, wherein ~~comprising storing, by the credential engine,~~ the user specific-information comprises at least one of selected from the group consisting of: biometric information, location information, a password, or a device identifier.
12. (Currently Amended) The computer-implemented method of claim 1, further comprising checking, by the credential OVER engine, a status indicator of a stored credential, wherein the request for the credential action comprises a credential identifier.
13. (Currently Amended) The computer-implemented method of claim 12, wherein verifying that the scan of the OVER file corresponds with the credential of the user comprises ~~comprising~~

determining, by the credential engine, the credential response by comparing the credential identifier with ~~[[the]]~~ one or more stored credentials.

14. (Currently Amended) The computer-implemented method of claim 13, wherein the authentication message comprises ~~comprising generating, by the credential engine, the response to the request for the credential action comprising~~ the status indicator of the stored credential when the credential identifier matches a stored credential.

15. (Currently Amended) The computer-implemented method of claim ~~[[14]]~~1, ~~comprising generating, by the credential engine, the response to the request for the credential action comprising~~ wherein the OVER file comprises a portion of the stored credential.

16. (Canceled.)

17. (Currently Amended) A computer-implemented method ~~for requesting an officially verifiable electronic representation, the method comprising:~~

transmitting, from a device of a user, a first request to provide authentication of the user based on information associated with a credential of the user;

receiving, at the device of the user, an officially verifiable electronic representation (OVER) file in response to the first request, the OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user;

displaying a portion of the OVER file to a third-party verifying device to authenticate the user; and

receiving, at the device of the user, an authentication message comprising a status indicator indicating whether the OVER file corresponds to the credential of the user.

~~—generating, by a processor, a request for a credential action comprising a credential identifier;~~

~~—transmitting, by the processor, the request for the credential action to a credential engine;~~

~~—receiving, by the processor, a response to the request for the credential action.~~

18. (Canceled.)

19. (Currently Amended) The computer-implemented method of claim ~~[[18]]~~17, wherein the displayed portion of the OVER file is scanned as part of authenticating the user. comprising scanning, by a scanner, an information code comprising the credential identifier.

20. (Canceled.)

21. (Currently Amended) The computer-implemented method of claim ~~[[20]]~~17, wherein the ~~generated credential~~ OVER file comprises a device identifier, wherein the device identifier limits the ~~generated credential~~ validity of the OVER file to the device of the user processor.

22. (Currently Amended) The computer-implemented method of claim 17, further comprising:

collecting, by the ~~processor device~~, user-specific information; and
transmitting, by the device processor, the user-specific information to a credential engine, wherein the user-specific information is included in the OVER file request for a credential action.

23. (Canceled.)

24. (Currently Amended) The computer-implemented method of claim ~~[[23]]~~17, wherein when the OVER file status indicator indicates a valid credential, ~~the response to the request for the credential action~~ comprises a credential image.

25. (Currently Amended) The computer-implemented method of claim ~~[[23]]~~17, wherein when the status indicator indicates an invalid credential, and the response to the request for the credential action authentication message comprises a reason for the invalid credential.

26. (Currently Amended) An apparatus for ~~generating and verifying officially verifiable electronic representations, the apparatus comprising:~~

a processor;

a memory unit operatively coupled to the processor, the memory unit configured to store information associated with a credential of a user and a plurality of instructions, wherein the instructions are configured to program the processor to:

receive, from a device of the user, a first request to provide authentication of the user based on the information associated with the credential;

generate an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user;

transmit, to the device of the user, the OVER file in response to the first request;

receive, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user;

verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request; and

transmit, to the third-party verifying device, an authentication message comprising a status indicator indicating whether the OVER file corresponds to the credential of the user.

~~execute a credential engine, wherein the credential engine is configured to receive a request for a credential action;~~

~~receive the request for a credential action;~~

~~determine a response to the credential action based on one or more stored user credentials; and~~

~~transmit the response to a client device.~~

27. (Currently Amended) The apparatus of claim 26, wherein the instructions further program the processor to generate the credential action comprises generating a credential, wherein the credential is generated when the processor determines that no matching credential is stored.

28. (Currently Amended) The apparatus of claim ~~[[27]]~~26, wherein the instructions are further configured to program the processor to:
- request the credential from an issuing agency, wherein the issuing agency stores credentials issued by an issuing agency;
 - receive the status indicator and credential information associated with the credential transmitted by the issuing agency; and
 - store the credential and the status indicator.
29. (Original) The apparatus of claim 28, wherein the credential information comprises the credential, and wherein the status indicator indicates a valid credential.
30. (Original) The apparatus of claim 28, wherein the credential information comprises user-specific information.
31. (Original) The apparatus of claim 30, wherein the user-specific information is selected from the group consisting of: biometric information, location information, a password, a device identifier.
32. (Canceled.)
33. (Currently Amended) The apparatus of claim ~~[[32]]~~26, wherein the instructions are further configured to program the processor to generate a device identifier for the credential, wherein the device identifier limits the credential to the client device.
34. (Original) The apparatus of claim 28, wherein the status indicator indicates an invalid credential, and wherein the response transmitted to the user device comprises the status indicator.
35. (Original) The apparatus of claim 28, wherein the stored credential comprises a reference to a remotely stored credential.

36. (Currently Amended) The apparatus of claim 28, wherein the instructions further program the processor to check credential action comprises checking, by the processor, a stored status indicator of [[a]]the stored credential, wherein the status indicator comprises the stored status indicator. request for the credential action comprises a credential identifier.

37. (Currently Amended) The apparatus of claim 36, wherein the credential response authentication message is determined by comparing the credential identifier with the one or more stored credentials.

38. (Currently Amended) The apparatus of claim 37, wherein when the credential identifier matches [[a]]the stored credential, and the authentication message response to the request for the credential action comprises the status indicator of the stored credential.

39. (Currently Amended) The apparatus of claim 38, wherein when the credential identifier does not match a stored credential, and the authentication message response to the request for the credential action comprises an invalid credential response.

REMARKS

Claims 1-39 were pending in this application. Claims 1-5, 7-15, 17, 19, 21-22, 24-28, 33, and 36-39 are amended. Claims 6, 16, 18, 20, 23, and 32 are cancelled. No claims are added. Support for the amendments may be found throughout the specification. A more detailed account for support for some claims will be described more, below. Thus, claims 1-5, 7-15, 17, 19, 21-22, 24-31, and 33-39 are now pending. Favorable reconsideration of this application is respectfully requested in view of the following remarks.

Examiner Interview

Applicant thanks the Examiner for the courtesy of a telephone interview, conducted on May 26, 2015, with the undersigned and the inventor Shaunt Sarkissian. During the interview, proposed amendments to the claims were discussed (chiefly amendments to claims 1 and 2), as well as support for the proposed claim amendments. Due to the substantial revisions to the claims, it was communicated that additional searching would be performed. The proposed claim amendments are substantially reproduced in this response, along with a more detailed account of support for some claims.

Support for Claim Amendments

Applicant respectfully asserts that support for the claim amendments are found throughout the specification. In particular, regarding claim 1, example support may be found in FIGS. 1-3 and the related descriptions, such as paragraphs [0025]-[0038]. For example, FIG. 1 illustrates “an officially verifiable electronic representation (OVER) engine” (e.g., OVER File Generation and Verification Engine 8), “a device of a user” (e.g., OVER File Storage Client 4

that may be executed by a user device, see [0025]), and “a third-party verifying device” (e.g., OVER File Third-Party Client 6 that may be executed by a third party device to verify the existence and validity of OVER files credentials presented by a user, see [0026]). The specification also discusses:

“storing, in a memory of the OVER engine, information associated with a credential of a user” (e.g., credential datastore comprised in OVER engine 8 that stores information from issuing agency,. e.g., DMV, about the user’s credential, e.g., driver’s license, see [0031]-[0032]; see also OVER File database 128 as part of various embodiments of OVER engine 8 at [0031]-[0035]);

“receiving, from a device of the user, a first request to provide authentication of the user based on the information associated with the credential” (e.g., generated OVER File credential may be delivered to the device requesting generation of the OVER File, such as a user device, see [0035], indicating that the user device first requested the OVER File to provide authentication of the user; see also Fig. 7 and [0046], user may request a new OVER File for authentication);

“generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user” (e.g., OVER Files are representative of the user’s credentials, OVER Files may be part of a virtual wallet platform, see [0025], generation of the OVER File may involve verifying the identity of the user, see [0032]);

“transmitting, to the device of the user, the OVER file in response to the first request” (e.g., the OVER File may be delivered to a device identified in the OVER File generation request for storage... such as a user device, see [0035]);

“receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user” (OVER File third party client 6 may be executed by a third party device to verify the existence and validity of OVER File credentials presented by a user. ... OVER Filed third party client 6 may contact a remote server, such as the OVER File engine 8, see [0026]; see also [0037]-[0038]);

“verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request” (Verification server 226 in communication with OVER File database 228 may compare information received from the third-party verification application... with OVER File credentials stored in the OVER File database 228, see [0038]); and

“transmitting, to the third-party verifying device, an authentication message comprising verification that the OVER file corresponds to the credential of the user” (A status indicator providing the validity of the OVER File credential may be sent to the OVER File third party client, see [0038]).

Regarding claim 2, similar passages in the specification as described for claim 1 apply where elements in claim 2 are worded similarly. In addition, the specification describes that OVER Files may be validated for a particular user device, meaning one OVER file may not be valid for two or more different user devices (e.g., see [0035], the information code may contain a device identifier identifying the user device... the delivered OVER Filed credential may be tied to a specific user device... the OVER Filed credential may only be usable by a device matching the device or application identifier). Accordingly, claim 2 is amended to recite “a second device of the user” to distinguish the device from the “first device of the user,” and distinguishes “a second OVER file comprising a second virtual representation of the credential”

from the first OVER file, in that the second OVER file “has been verified to represent the credential and that is invalid for use in the first device for authenticating the user.”

Claim Objections

The Examiner has objected to claims 4 and 28 as failing to provide proper antecedent basis for the claimed subject matter, specifically for “receiving **the** status indicator and credential information”. Applicant has amended the claims accordingly.

Claim Rejections under 35 U.S.C. 112

At page 2, paragraph 3 of the Office Action, claims 1, 17 and 26 were rejected under 35 U.S.C. §112(b) or 35 U.S.C. §112 (pre-AIA), second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre AIA the applicant regards as the invention. The Examiner has noted that certain elements in the claims appear to be unclear.

Applicant has amended the claims accordingly. Applicant respectfully requests that the Examiner remove the rejection under 35 U.S.C. § 112.

Rejections Under 35 U.S.C. § 103(a)

At page 3, paragraph 4 of the Office Action, claims 1-39 were rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over U.S. Patent Application Publication No. 2007/0208665 to Ohara (Ohara), in view of U.S. Patent No. 7,290,146 to Ekers (Ekers). Applicant respectfully traverses the anticipation rejection in view of the following remarks.

Applicant respectfully asserts that neither Ohara nor Ekers, taken either singly or

in combination, teaches or suggests all of the elements of claim 1, as amended. For example, Applicant respectfully asserts that Ohara in view of Ekers fails to teach or suggest “*generating, by a processor of the OVER engine, an OVER file comprising a virtual representation of the credential that has been verified to represent the credential, based on the information associated with the credential of the user,*” and “*receiving, from a third-party verifying device, a second request to authenticate the user based on a scan of the OVER file on the device of the user; verifying that the scan of the OVER file corresponds with the credential of the user, in response to the second request; and transmitting, to the third-party verifying device, an authentication message comprising verification that the OVER file corresponds to the credential of the user,*” among other elements, as recited in claim 1.

Ohara discusses an electronic document creating device that creates a new electronic document. Ohara, Abstract. However, Ohara fails to teach or suggest all of the elements of claim 1. Moreover, Ekers fails to make up for these deficiencies. Ekers discusses a method of issuing a credential. Ekers, Abstract. However, Ekers fails to make up for the deficiencies in Ohara with respect to claim 1.

Claims 2-5, 7-15, which depend from claim 1, are in condition for allowance for at least the reasons discussed in relation to claim 1, as well as for the additional elements they recite.

Claims 17 and 26, which recites elements similar to claim 1, are in condition for allowance for at least the reasons discussed in relation to claim 1, as well as for the additional elements they recite.

Claims 19, 21-22, 24-25, 27-31, and 33-39, which depend from their respective independent claims, are in condition for allowance for at least the reasons discussed in relation

to their independent claims, as well as for the additional elements they recite.

In view of the above, Applicant respectfully requests the withdrawal of the rejection under 35 U.S.C. § 103(a), and submits that the pending claims are in the condition for allowance.

Conclusion

In view of the foregoing remarks, Applicant respectfully submits that this application is now in condition for allowance. Accordingly, a timely Notice of Allowance to this effect is earnestly solicited. Nevertheless, Applicant respectfully requests that the Examiner contact the undersigned representative by telephone prior to issuing a subsequent Office Action to discuss any outstanding issues with this application in the event that the foregoing amendments and remarks fail to advance the present application to allowance.

Applicant does not otherwise concede, however, the correctness of the Office Action rejections with respect to any of the claims discussed above. Accordingly, Applicant hereby reserves the right to make additional arguments as may be necessary to further distinguish the claims from the cited reference based on the additional features contained in the dependent claims that were not discussed above as well as aspects of the independent claims not directly addressed above. A detailed discussion of these differences is believed to be unnecessary at this time in view of the basic differences discussed above with respect to the independent claims.

The Office is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No. 02-1818. Furthermore, if an extension is required, then the Applicant hereby requests such extension.

*Application Serial No. 13/794,878
Amendment and Response Dated May 27, 2015
Reply to Office Action Mailed December 4, 2014*

Respectfully submitted,

Date: May 27, 2015

/Jordan A. Kwan/

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Electronic Patent Application Fee Transmittal

Application Number:	13794878			
Filing Date:	12-Mar-2013			
Title of Invention:	FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS			
First Named Inventor/Applicant Name:	Shaunt M. Sarkissian			
Filer:	Jordan Anthony Kwan/Michelle Begay			
Attorney Docket Number:	120393			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt

EFS ID:	22461278
Application Number:	13794878
International Application Number:	
Confirmation Number:	5721
Title of Invention:	FILE FORMAT AND PLATFORM FOR STORAGE AND VERIFICATION OF CREDENTIALS
First Named Inventor/Applicant Name:	Shaunt M. Sarkissian
Customer Number:	26285
Filer:	Jordan Anthony Kwan/Michelle Begay
Filer Authorized By:	Jordan Anthony Kwan
Attorney Docket Number:	120393
Receipt Date:	27-MAY-2015
Filing Date:	12-MAR-2013
Time Stamp:	16:03:26
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 700
RAM confirmation Number	2712
Deposit Account	021818
Authorized User	KWAN, JORDAN

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1402374_00003_Response.pdf	63315	yes	16
			a5172a05b91feb90497856c64fb25f4f22d40db8		

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	9
Applicant Arguments/Remarks Made in an Amendment	10	16

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30867	no	2
			c924288b240452f050b88606f011487657c92501		

Warnings:

Information:

Total Files Size (in bytes): 94182

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/794,878	Filing Date 03/12/2013	☐ To be Mailed
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ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO**APPLICATION AS FILED – PART I**

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT	05/27/2015	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 33	Minus	** 39	= 0	x \$40 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	x \$210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
TOTAL ADD'L FEE						0	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =
	☐ Application Size Fee (37 CFR 1.16(s))					
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE						

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/THERESA LINDSAY/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/794,878	03/12/2013	Shaunt M. Sarkissian	120393	5721

26285 7590 12/04/2014
K&L GATES LLP-Pittsburgh
210 SIXTH AVENUE
PITTSBURGH, PA 15222-2613

EXAMINER

NIPA, WASIKA

ART UNIT	PAPER NUMBER
----------	--------------

2433

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

12/04/2014

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USpatentmail@klgates.com

Office Action Summary	Application No. 13/794,878	Applicant(s) SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03/12/2013.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 5) ☒ Claim(s) 1-39 is/are pending in the application.
5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) _____ is/are allowed.
- 7) ☒ Claim(s) 1-39 is/are rejected.
- 8) ☐ Claim(s) _____ is/are objected to.
- 9) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 03/11/2013 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) ☒ Notice of References Cited (PTO-892) | 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 4) ☐ Other: _____ |

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Objection

2. Claim 4 and 28 are objected to as failing to provide proper antecedent basis for the claimed subject matter.

As per claim 4 and 28: "receiving **the** status indicator and credential information".

Claim Rejections - 35 USC § 112

3. The following is a quotation of 35 U.S.C. 112(b):

(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1, 17 and 26 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention. Claim 1, 17 and 26 uses the term

Art Unit: 2433

“officially verifiable electronic representation”. The term is not defined anywhere in the claim and the examiner does not understand the meaning of the claim limitation. Examiner also does not understand what the electronic representation is representing. Also claim 1 recites “transmitting the response to the credential action”. The examiner does not understand who is getting the response. The examiner also does not understand the difference between “credential action” or “user credential” recited in the claims. Regarding claims 2-16, 18-25 and 27-39, they are dependent claims dependent on claim 1, 17 and 26 respectively that have inherited the deficiencies of the parent claim and have not resolved the deficiencies. Therefore they are rejected based on the same rationale as applied to the parent claim 1, 17 and 26 above.

Claim Rejections - 35 USC § 103

4. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claim 1-39 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Ohara (US Patent Application Publication No. US 2007/0208665 A1) in view of Ekers (US Patent No 7,290,146).**

6. **Regarding Claim 1**, Ohara discloses a computer-implemented method for generating and verifying officially verifiable electronic representations, the method comprising:

receiving, by a credential engine executed by a processor, a request for a credential action (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database);

determining, by the credential action, a response to the credential action (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy); and

transmitting, by the processor, the response to the credential action (Ohara, ¶[0024], the process server transmits the electronic document to the client).

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Ohara does not appear to disclose the following limitation that Ekers discloses:

based on the one or more user credentials (Ekers, col 1, line 10-15, user credentials include identification card, driver's license, passport and other document).

Ohara in view of Ekers are analogous art because they are from the "same field of endeavor" and are from the same "problem solving area". Namely, they pertain to the field of "credential based electronic document creation". It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the invention of Ohara in view of Ekers to include the idea of adding the feature of generating the electronic document based on user credential. This will enable the process server to generate the electronic representation for any identified/valid client.

7. **Regarding claim 2**, Ohara in view of Ekers discloses the computer-implemented method of claim 1, comprising storing, by the credential engine, one or more credentials (Ohara, ¶[0027], the repository stores electronic document that has been created based on user request).
8. **Regarding claim 3**, Ohara in view of Ekers discloses the computer-implemented method of claim 2, generating, by the credential engine, a credential, wherein the credential is generated when the credential engine

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determines that no matching credential is stored (Ohara, ¶[0033], operation of creating an electronic document is started when the user is verified. The process server retrieves information from repository and asks the policy management server to check if the user has permission to create a new electronic document. It is then verified to find out if the user has permission to create a new electronic document. Thus if the match does not exist then the credential will be generated).

9. **Regarding claim 4**, Ohara in view of Ekers discloses the computer-implemented method of claim 3, comprising:

requesting, by the credential engine, the credential from an issuing agency, wherein the issuing agency stores credentials issued by the issuing agency (Ekers, col 3, line 60-65, the credential issuance engine provides data as required to generate credential. Also col 4, line 8-35);

receiving, by the credential engine, the status indicator and credential information associated with the credential transmitted by the issuing agency (Ekers, col 3, line 60-65, the credential issuance engine provides data as required to generate credential. Also col 4, line 8-35);

storing, by the credential engine, the status indicator (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine).

10. **Regarding claim 5**, Ohara in view of Ekers discloses the computer-implemented method of claim 4, receiving, by the credential engine, credential information comprising the credential, wherein the status indicator indicates a valid credential (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine).
11. **Regarding claim 6**, Ohara in view of Ekers discloses the computer-implemented method of claim 5, comprising storing, by the credential engine, the credential, and wherein the response transmitted to the client device comprises the credential (Ohara, ¶[0024], the process server transmits the electronic document to the client).
12. **Regarding claim 7**, Ohara in view of Ekers discloses the computer-implemented method of claim 6, comprising generating, by the credential engine, a device identifier for the credential, wherein the device identifier limits the credential to the client device (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).
13. **Regarding claim 8**, Ohara in view of Ekers discloses the computer-implemented method of claim 4, wherein the status indicator indicates an invalid credential and the credential information indicates the reason for the invalid

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credential, and wherein the response transmitted to the client device comprises the status indicator and the credential information (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

14. **Regarding claim 9**, Ohara in view of Ekers discloses the computer-implemented method of claim 2, comprising generating, by the credential engine, a reference to a remotely stored credential, wherein the one or more credentials stored by the credential engine comprise the reference to the one or more remotely stored credentials (Ohara, ¶[0027], the repository stores electronic document that has been created based on user request. Generating the reference to point the client to the repository does not employ any inventive step and is well known in the art)
15. **Regarding claim 10**, Ohara in view of Ekers discloses the computer-implemented method of claim 2, comprising storing, by the credential engine, user-specific information (Ekers, col 1, line 10-15, credential includes identification card, driver's license, passport etc).

16. **Regarding claim 11**, Ohara in view of Ekers discloses the computer-implemented method of claim 10, comprising storing, by the credential engine, the user specific-information selected from the group consisting of: biometric information, location information, a password, a device identifier (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).
17. **Regarding claim 12**, Ohara in view of Ekers discloses the computer-implemented method of claim 1, comprising checking, by the credential engine, a status indicator of a stored credential, wherein the request for the credential action comprises a credential identifier (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).
18. **Regarding claim 13**, Ohara in view of Ekers discloses the computer-implemented method of claim 12, comprising determining, by the credential

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engine, the credential response by comparing the credential identifier with the one or more stored credentials (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

19. **Regarding claim 14**, Ohara in view of Ekers discloses the computer-implemented method of claim 13, comprising generating, by the credential engine, the response to the request for the credential action comprising the status indicator of the stored credential when the credential identifier matches a stored credential (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

20. **Regarding claim 15**, Ohara in view of Ekers discloses the computer-implemented method of claim 14, comprising generating, by the credential engine, the response to the request for the credential action comprising a

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portion of the stored credential (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

21. **Regarding claim 16**, Ohara in view of Ekers discloses the computer-implemented method of claim 13, comprising generating, by the credential engine, the response to the request for the credential action comprising an invalid credential identifier when the credential identifier does not match a stored credential (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine).

22. **Regarding claim 17**, Ohara discloses a computer-implemented method for requesting an officially verifiable electronic representation, the method comprising:

generating, by a processor, a request for a credential action comprising a credential identifier (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic

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document by combining a form obtained from the repository and information retrieved from the database);

transmitting, by the processor, the request for the credential action to a credential engine (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy);

receiving, by the processor, a response to the request for the credential action (Ohara, ¶[0024], the process server transmits the electronic document to the client).

Ohara does not appear to disclose the following limitation that Ekers discloses:

credentials (Ekers, col 1, line 10-15, user credentials include identification card, driver's license, passport and other document).

23. **Regarding claim 18**, Ohara in view of Ekers discloses the computer-implemented method of claim 17, wherein the requested credential action comprises generating a credential (Ohara, ¶[0033], operation of creating an electronic document is started when the user is verified. The process server retrieves information from repository and asks the policy management server to

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check if the user has permission to create a new electronic document. It is then verified to find out if the user has permission to create a new electronic document. Thus if the match does not exist then the credential will be generated).

24. **Regarding claim 19**, Ohara in view of Ekers discloses the computer-implemented method of claim 18, comprising scanning, by a scanner, an information code comprising the credential identifier (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).

25. **Regarding claim 20**, Ohara in view of Ekers discloses the computer-implemented method of claim 18, wherein the response to the request for the credential action comprises a generated credential comprising the credential identifier and additional credential information (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).

26. **Regarding claim 21**, Ohara in view of Ekers discloses the computer-implemented method of claim 20, wherein the generated credential comprises a device identifier, wherein the device identifier limits the generated credential to the processor (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).
27. **Regarding claim 22**, Ohara in view of Ekers discloses the computer-implemented method of claim 17, comprising:
- collecting, by the processor, user-specific information (Ekers, col 1, line 10-15, credential includes identification card, driver's license, passport etc); and
 - transmitting, by the processor, the user-specific information to a credential engine, wherein the user-specific information is included in the request for a credential action (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database).
28. **Regarding claim 23**, Ohara in view of Ekers discloses the computer-implemented method of claim 17, wherein the request for the credential action comprises a credential verification request (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The

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process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy), and wherein the response to the request for the credential action comprises a status indicator (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine).

29. **Regarding claim 24**, Ohara in view of Ekers discloses the computer-implemented method of claim 23, wherein when the status indicator indicates a valid credential, the response to the request for the credential action comprises a credential image (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

30. **Regarding claim 25**, Ohara in view of Ekers discloses the computer-implemented method of claim 23, wherein when the status indicator indicates an invalid credential, the response to the request for the credential action

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comprises a reason for the invalid credential (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

31. **Regarding claim 26**, Ohara discloses an apparatus for generating and verifying officially verifiable electronic representations, the apparatus comprising:

a processor;

a memory unit operatively coupled to the processor, the memory unit configured to store a plurality of instructions, wherein the instructions are configured to program the processor to:

execute a credential engine, wherein the credential engine is configured to receive a request for a credential action (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database);

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receive the request for a credential action (Ohara, Abstract, the electronic document creating device includes an obtaining unit. ¶[0024], the client/user requests the process server to process an electronic document. The process server creates an electronic document by combining a form obtained from the repository and information retrieved from the database);

determine a response to the credential action based on one or more stored user credentials (Ohara, ¶[0033], user name and other information are transferred from the client to the process server. The process server issues a request for authentication to the user authentication server. The user authentication server performs verification for authentication and responds to the process server with result of the verification. ¶[0024], process server also accesses to the policy management server to verify the security policy); and

transmit the response to a client device (Ohara, ¶[0024], the process server transmits the electronic document to the client).

Ohara does not appear to disclose the following limitation that Ekers discloses:

credentials (Ekers, col 1, line 10-15, user credentials include identification card, driver's license, passport and other document).

32. **Regarding claim 27**, Ohara in view of Ekers discloses the apparatus of claim 26, wherein the credential action comprises generating a credential, wherein the credential is generated when the processor determines that no matching

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credential is stored (Ohara, ¶[0033], operation of creating an electronic document is started when the user is verified. The process server retrieves information from repository and asks the policy management server to check if the user has permission to create a new electronic document. It is then verified to find out if the user has permission to create a new electronic document. Thus if the match does not exist then the credential will be generated).

33. **Regarding claim 28**, Ohara in view of Ekers discloses the apparatus of claim 27, wherein the instructions are configured to program the processor to:

request the credential from an issuing agency, wherein the issuing agency stores credentials issued by an issuing agency (Ekers, col 3, line 60-65, the credential issuance engine provides data as required to generate credential. Also col 4, line 8-35);

receive the status indicator and credential information associated with the credential transmitted by the issuing agency (Ekers, col 3, line 60-65, the credential issuance engine provides data as required to generate credential. Also col 4, line 8-35); and

store the credential and the status indicator (Ekers, col 3, line 60-65, the credential issuance engine provides data as required to generate credential. Also col 4, line 8-35).

34. **Regarding claim 29**, Ohara in view of Ekers discloses the apparatus of claim 28, wherein the credential information comprises the credential, and wherein the status indicator indicates a valid credential (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine).
35. **Regarding claim 30**, Ohara in view of Ekers discloses the apparatus of claim 28, wherein the credential information comprises user-specific information (Ekers, col 1, line 10-15, credential includes identification card, driver's license, passport etc).
36. **Regarding claim 31**, Ohara in view of Ekers discloses the apparatus of claim 30, wherein the user-specific information is selected from the group consisting of: biometric information, location information, a password, a device identifier (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).
37. **Regarding claim 32**, Ohara in view of Ekers discloses the apparatus of claim 29, wherein the response transmitted to the user device comprises the credential (Ohara, ¶[0024], the process server transmits the electronic document to the client).

38. **Regarding claim 33**, Ohara in view of Ekers discloses the apparatus of claim 32, wherein the instructions are configured to program the processor to generate a device identifier for the credential, wherein the device identifier limits the credential to the client device (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method).
39. **Regarding claim 34**, Ohara in view of Ekers discloses the apparatus of claim 28, wherein the status indicator indicates an invalid credential, and wherein the response transmitted to the user device comprises the status indicator (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).
40. **Regarding claim 35**, Ohara in view of Ekers discloses the apparatus of claim 28, wherein the stored credential comprises a reference to a remotely stored credential (Ohara, ¶[0027], the repository stores electronic document that has been created based on user request. Generating the reference to point the

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client to the repository does not employ any inventive step and is well known in the art).

41. **Regarding claim 36**, Ohara in view of Ekers discloses the apparatus of claim 28, wherein the credential action comprises checking, by the processor, a status indicator of a stored credential, wherein the request for the credential action comprises a credential identifier (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).
42. **Regarding claim 37**, Ohara in view of Ekers discloses the apparatus of claim 36, wherein the credential response is determined by comparing the credential identifier with the one or more stored credentials (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be

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used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

43. **Regarding claim 38**, Ohara in view of Ekers discloses the apparatus of claim 37, wherein when the credential identifier matches a stored credential, the response to the request for the credential action comprises the status indicator of the stored credential (Ekers, col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine. Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

44. **Regarding claim 39**, Ohara in view of Ekers discloses the apparatus of claim 38, wherein when the credential identifier does not match a stored credential, the response to the request for the credential action comprises an invalid credential response (Ekers, col 1, line 35-40, unique identification for the requested credential is assigned generated by the credential issuance engine.

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Also col 3, line 25-30, unique identification can be used to identify the intended credential holder through a look up table or other method. So status indicator is capable of identifying invalid credential. Also col 2, line 55-60, unique identification can be used to manage the issuance process).

Conclusion

45. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure (see PTO-Form 892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WASIKA NIPA whose telephone number is (571)272-8923. The examiner can normally be reached on M-F (7:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JEFFRY PWU can be reached on 571-272-6798. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/WN/

Examiner, Art Unit 2433

/JEFFREY PWU/

Supervisory Patent Examiner, Art Unit 2433

Notice of References Cited	Application/Control No. 13/794,878	Applicant(s)/Patent Under Reexamination SARKISSIAN, SHAUNT M.	
	Examiner WASIKA NIPA	Art Unit 2433	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2007/0208665	09-2007	Ohara, Hiromi	705/51
*	B	US-7,290,146	10-2007	Ekers et al.	713/182
*	C	US-8,132,237	03-2012	Kang, Hyun Ku	726/4
*	D	US-2010/0250389	09-2010	Augustin et al.	705/26
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7554	credential with (id identifier identification) and (valid invalid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:14
L2	1554	credential with (id identifier identification) same (valid invalid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:15
L3	942	credential with (id identifier identification) same (valid invalid) and match	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:16
L4	396	credential with (id identifier identification) same (valid invalid) and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:16
L5	418	credential with (id identifier identification indicator) same (valid invalid) and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:17
L6	351	credential with (id identifier identification indicator) same (valid invalid) with credential and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:17
L7	228	credential with (id identifier identification indicator) same (valid invalid) near3 credential and match with credential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/11/25 14:17
L8	208	credential near5 (id identifier	US-PGPUB;	OR	ON	2014/11/25