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NOTICE OF ALLOWANCE AND FEE(S) DUE

23399 7590 01/19/2018
REISING ETHINGTON P.C.
755 W. Big Beaver Road
Suite 1850
TROY, MI 48084

EXAMINER

LODHI, ANDALIB FT

ART UNIT

PAPER NUMBER

2162

DATE MAILED: 01/19/2018

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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14/857,854

09/18/2015

Michael D. Schulze

8580.3005.001

2781

TITLE OF INVENTION: REMOTE DOCUMENT RETRIEVAL AND STORAGE SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0	\$0	\$1000	04/19/2018

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: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

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.

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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.
14/857,854	09/18/2015	Michael D. Schulze	8580.3005.001	2781

TITLE OF INVENTION: REMOTE DOCUMENT RETRIEVAL AND STORAGE SYSTEM

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nonprovisional	UNDISCOUNTED	\$1000	\$0	\$0	\$1000	04/19/2018

EXAMINER	ART UNIT	CLASS-SUBCLASS
LODHI, ANDALIB FT	2162	707-001000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "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: <input type="checkbox"/> Issue Fee <input type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies _____	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) <input type="checkbox"/> A check is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input type="checkbox"/> 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).
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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. _____



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14/857,854	09/18/2015	Michael D. Schulze	8580.3005.001	2781

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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. 14/857,854	Applicant(s) SCHULZE ET AL.	
	Examiner ANDALIB LODHI	Art Unit 2162	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 December 04, 2017.
☐ 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 23-29,31,32,34-38 and 41. 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. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>12/04/2017</u> | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>01/04/2018</u> . | |

/Scott A. Waldron/
Primary Examiner, Art Unit 2155

DETAILED ACTION

Notice of Pre-AIA or AIA Status

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

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/04/2017 has been entered.

The amendment filed on December 04, 2017 has been entered. Claims 23 and 34 have been currently amended. Claims 1-22, 30, 33, 42 and 43 have been canceled. No claim has been newly added. Therefore, claims 23-29, 31, 32, and 34-41 are pending.

Information Disclosure Statement

NPL document numbers 2 & 3 in the information disclosure statement (IDS) submitted on 12/04/2017 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

However, NPL document number 1 in the information disclosure statement filed 12/04/2017 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because neither the document itself nor the IDS identifies a date of the letter. Although the content of the letter identifies a beginning date for services provided, it does not indicate when the letter itself was actually written and signed by Thomas Laabs. Therefore, this document citation was lined through in the IDS and has not been considered by the examiner. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

Allowable Subject Matter

An examiner's amendment appears below. Claims 23-29, 31, 32, 34-38, and 41, as amended, have been allowed over the prior art of record. These claims are renumbered on allowance as claims 1-15.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided

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by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Shannon K. Smith (Reg. No. 73,822) on 04 January 2018.

The application has been amended as follows:

In the claims:

Please amend claims 23 and 34, and cancel claims 39 and 40 as follows:

Claim 23: (Currently Amended) A system for selectively storing and retrieving electronic images of a plurality of financial documents, each electronic image being associated with a document parameter that includes a numerical sequence that is representative of a record date of the corresponding financial document, the system comprising:

a first storage system including a first fixed medium, the first storage system being associated with a first entity and configured to:

store at least some of the electronic images for the plurality of financial documents wherein the document parameter for each of the at least some of the electronic images that are configured to be stored in the first storage system are greater than a predetermined parameter, wherein the predetermined parameter is a date or time period;

Art Unit: 2162

a second storage system including a second fixed medium, wherein the second storage system is located remotely from the first storage system, the second storage system being associated with a second entity and configured to:

store at least some of the electronic images for the plurality of financial documents wherein the document parameter for each of the at least some of the electronic images configured to be stored in the second storage system are less than or equal to the predetermined parameter;

an electronic processor which has electronic access to the first and second storage systems and is also interlinked to the first storage system and the second storage system, wherein the electronic processor is interlinked to the first storage system and the second storage system through an interlinked interface, wherein the electronic processor is configured to:

receive a request for one of the stored electronic images of the plurality of financial documents;

compare the numerical sequence of the document parameter associated with the requested stored electronic image to the predetermined parameter;

automatically access the first storage system when the numerical sequence of the document parameter associated with the requested stored electronic image is greater than the predetermined parameter;

automatically access the second storage system when the numerical sequence of the document parameter associated with the requested stored electronic image is less than or equal to the predetermined parameter; and

automatically retrieve the requested stored electronic image from the first storage system or the second storage system once the first storage system or the second storage system has been accessed.

Claim 34: (Currently Amended) A method of accessing an electronically-stored financial document from one of a first storage system associated with a first entity and a second storage system associated with a second entity, wherein the second storage system is located remotely from the first storage system ~~with the first and second storage systems being different from each other~~, wherein the first and second storage systems each include a plurality of financial documents stored therein and wherein each of the financial documents has an electronic image and is associated with at least one specific document parameter, wherein the first storage system is associated with a primary interface and the second storage system is associated with a secondary interface, said method comprising the steps of:

electronically storing a plurality of images of the financial documents in a first fixed medium at the first storage system when the specific document parameter of the financial document is greater than a predetermined parameter, wherein the predetermined parameter is a numerical record date or time period;

electronically storing a plurality of images of the financial documents in a second fixed medium at the second storage system when the specific document parameter of the financial document is less than or equal to the predetermined parameter;

utilizing at least one electronic processor that has access to the first and second storage systems by interlinking the primary interface of the first storage system with the secondary interface of the second storage system;

receiving a request for an image of one of the stored financial documents at the electronic processor;

comparing the specific document parameter of the requested financial document to the predetermined parameter to determine if whether the specific document parameter is greater than, less than, or equal to the predetermined parameter after the request has been received, wherein the specific document parameter of the financial document is a particular numerical sequence associated with the specific document parameter, and wherein the particular numerical sequence of the financial document includes a record date of the financial document;

automatically accessing the first storage system when the specific document parameter is greater than the predetermined parameter and automatically accessing the second storage system when the specific document parameter is less than or equal to the predetermined parameter; and

automatically retrieving the image of the requested financial document from the accessed storage system as defined by the received request.

Claim 39: (Cancelled)

Claim 40: (Cancelled)

Reasons for Allowance

The following is an Examiner's statement of reason for allowance:

Applicant's Remarks, filed on 12/04/2017, have been fully considered and the examiner's amendment which appears above has been authorized by applicant's representative and entered to overcome the remaining claim rejections.

After further consideration of the prior art of record, it appears that the prior art of record fails to explicitly disclose 'compare the numerical sequence of the document parameter associated with the requested stored electronic image to the predetermined parameter; automatically access the first storage system when the numerical sequence of the document parameter associated with the requested stored electronic image is greater than the predetermined parameter; automatically access the second storage system when the numerical sequence of the document parameter associated with the requested stored electronic image is less than or equal to the predetermined parameter; and automatically retrieve the requested stored electronic image from the first storage system or the second storage system once the first storage system or the second storage system has been accessed' as recited in independent claim 23. The preceding limitations, when combined with the rest of the claim limitations recited in claims 23 and 34, result in a combination of elements that is both novel and unobvious over the prior art of record.

The dependent claims, being further limiting to the independent claims, definite and enabled by the Specification are also allowed.

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."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDALIB LODHI whose telephone number is (571)270-1759. The examiner can normally be reached on Monday-Friday, 10:30am-6:30pm, EST Alt Friday off.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pierre Vital can be reached on (571) 272-4215. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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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.

/ANDALIB LODHI/
Examiner, Art Unit 2162

/Scott A. Waldron/
Primary Examiner, Art Unit 2155

Search Notes 	Application/Control No. 14857854	Applicant(s)/Patent Under Reexamination SCHULZE ET AL.
	Examiner ANDALIB LODHI	Art Unit 2162

CPC- SEARCHED		
Symbol	Date	Examiner
(G06F17/30442 or G06F17/30504 or G06F17/30268 or G06F17/30008 or G06F17/30011 or G06Q40/00 or G06F17/30067 or G06F17/30064).cpc.	10/19/2017	AL
(G06F17/30442 or G06F17/30504 or G06F17/30268 or G06F17/30008 or G06F17/30011 or G06Q40/00 or G06F17/30064 or G06F17/30067).cpc.	1/4/2018	AL

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES		
Search Notes	Date	Examiner
EAST Search - see attached	10/19/2017	AL
PLUS Search - see attached	10/19/2017	AL
Updated EAST Search - see attached	1/4/2018	AL
IEEE Search - see attached	1/4/2018	AL
IP.com Search - see attached	1/4/2018	AL
ACM Digital Library Search -see attached	1/4/2018	AL
		AL

INTERFERENCE SEARCH

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US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
	see interference search listings	1/4/2018	AL

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 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 2781

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.	
14/857,854	09/18/2015	707	2162	8580.3005.001	
RULE					
APPLICANTS Mirror Imaging L.L.C., Warren, MI;					
INVENTORS Michael D. Schulze, Troy, MI; Richard J. Gagnon, Grosse Pointe Park, MI;					
** CONTINUING DATA ***** This application is a CON of 13/840,892 03/15/2013 PAT 9141612 which is a CON of 13/272,936 10/13/2011 ABN which is a CON of 12/902,973 10/12/2010 ABN which is a CON of 12/489,087 06/22/2009 PAT 7836067 which is a CON of 11/202,790 08/12/2005 PAT 7552118 which is a CON of 10/104,541 03/22/2002 PAT 6963866 which is a CON of 09/548,490 04/13/2000 PAT 6446072 which claims benefit of 60/129,021 04/13/1999					
** FOREIGN APPLICATIONS *****					
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/30/2015					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/ANDALIB FT LODHI/</u> Examiner's Signature	<input type="checkbox"/> Met after Allowance AL Initials	STATE OR COUNTRY MI	SHEETS DRAWINGS 4	TOTAL CLAIMS 10 15	INDEPENDENT CLAIMS 1 2
ADDRESS REISING ETHINGTON P.C. 755 W. Big Beaver Road Suite 1850 TROY, MI 48084 UNITED STATES					
TITLE REMOTE DOCUMENT RETRIEVAL AND STORAGE SYSTEM					
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PTO/SB/08a (03-15)

Doc description: Information Disclosure Statement (IDS) Filed

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	14857854
	Filing Date	2015-09-18
	First Named Inventor	Michael D. Schulze
	Art Unit	2162
	Examiner Name	Andalib Ft Lodhi
	Attorney Docket Number	8580.3005.001

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	14857854
Filing Date	2015-09-18
First Named Inventor	Michael D. Schulze
Art Unit	2162
Examiner Name	Andalib Ft Lodhi
Attorney Docket Number	8580.3005.001

	1	Firststar Bank Letter from Thomas Laabs, Senior Vice President.
/A.F.L./	2	Firststar Articles from 1999.
/A.F.L./	3	Declaration of Michael Schulze dated 8/28/2003.

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EXAMINER SIGNATURE

Examiner Signature	/ANDALIB F LODHI/	Date Considered	01/04/2018
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	14857854
Filing Date	2015-09-18
First Named Inventor	Michael D. Schulze
Art Unit	2162
Examiner Name	Andalib Ft Lodhi
Attorney Docket Number	8580.3005.001

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Shannon K. Smith/	Date (YYYY-MM-DD)	2017-12-04
Name/Print	Shannon K. Smith	Registration Number	73822


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Issue Classification 	Application/Control No. 14857854	Applicant(s)/Patent Under Reexamination SCHULZE ET AL.	
	Examiner ANDALIB LODHI	Art Unit 2162	

CPC						
Symbol					Type	Version
G06F		17	/	30442	F	2013-01-01
G06F		17	/	30008	I	2013-01-01
G06F		17	/	30064	A	2013-01-01
G06F		17	/	30067	A	2013-01-01
G06Q		40	/	00	I	2013-01-01
G06F		17	/	30011	I	2013-01-01
G06F		17	/	30268	I	2013-01-01
G06F		17	/	30504	I	2013-01-01
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CPC Combination Sets							
Symbol				Type	Set	Ranking	Version

/ANDALIB LODHI/ Examiner.Art Unit 2162 (Assistant Examiner)	01/04/2018 (Date)	Total Claims Allowed: 15	
/SCOTT A WALDRON/ Primary Examiner.Art Unit 2155 (Primary Examiner)	01/05/2018 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 2

Issue Classification 	Application/Control No. 14857854	Applicant(s)/Patent Under Reexamination SCHULZE ET AL.
	Examiner ANDALIB LODHI	Art Unit 2162

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant															
<input type="checkbox"/> CPA															
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	7	1	23		39										
	8	2	24		40										
	9	3	25	15	41										
	10	4	26		42										
	11	5	27		43										
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	13	7	29												
	14		30												
	15	8	31												
	16	9	32												

/ANDALIB LODHI/ Examiner.Art Unit 2162 (Assistant Examiner)	01/04/2018 (Date)	Total Claims Allowed: 15	
/SCOTT A WALDRON/ Primary Examiner.Art Unit 2155 (Primary Examiner)	01/05/2018 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 2

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		access\$3 near5 financial near1 (document record\$2 file\$1)) with (document file\$1 record\$2) with (image\$2 snap\$6) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date and threshold	US-PGPUB; USPAT	OR	ON	2017/07/12 15:53
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S2	1	"6446072".pn.	US-PGPUB; USPAT	OR	ON	2007/09/18 09:34
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S10	330	S9 same index	US-PGPUB;	OR	ON	2007/09/18

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S15	1721	document with process\$3 with remote\$2	US-PGPUB; USPAT	OR	ON	2007/09/18 10:00
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S54	28	S53 same (compar\$3)	US-PGPUB; USPAT	OR	ON	2009/02/25 20:03
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S67	10	(compar\$3 or determin\$3 or calculat\$3) with (data or table or record) with (date or time) with (financial near3 document) same sequence\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/01 13:34
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S75	0	compar\$3 with specific with document with parameter with numerical with sequence with record with date.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/01 16:46

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S81	302	access\$3 near5 (financial near1 (document or file))	US-PGPUB; USPAT	OR	ON	2017/07/11 20:10
S82	3	access\$3 near5 (financial near1 (document or file)) same ((electronic or digital) near1 (image or picture or snap))	US-PGPUB; USPAT	OR	ON	2017/07/11 20:12
S83	26	access\$3 near5 (financial near1 (document or file)) and ((electronic or digital) near1 (image or picture or snap))	US-PGPUB; USPAT	OR	ON	2017/07/11 20:12
S84	104	(financial near1 (document record\$2 file)) with (image\$2 snap\$6) and access\$3 near5 (document file record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date	US-PGPUB; USPAT	OR	ON	2017/07/12 11:45
S85	104	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date	US-PGPUB; USPAT	OR	ON	2017/07/12 11:46
S86	0	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date same threshold	US-PGPUB; USPAT	OR	ON	2017/07/12 11:47

S87	0	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date and @ad<"19990413"	US-PGPUB; USPAT	OR	ON	2017/07/12 11:52
S88	1	"6363488".pn.	US-PGPUB; USPAT	OR	ON	2017/07/12 11:53
S89	1	"8474703".pn.	US-PGPUB; USPAT	OR	ON	2017/07/12 11:54
S91	81	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date and threshold	US-PGPUB; USPAT	OR	ON	2017/07/12 12:50
S92	0	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date same threshold	US-PGPUB; USPAT	OR	ON	2017/07/12 12:50
S94	20	08/780545	US-PGPUB; USPAT	OR	ON	2017/07/12 13:17
S95	0	08/780545.ap.	US-PGPUB; USPAT	OR	ON	2017/07/12 13:17
S96	1	"5917912".pn.	US-PGPUB; USPAT	OR	ON	2017/07/12 13:17
S97	1	"5187750".pn.	US-PGPUB; USPAT	OR	ON	2017/07/12 13:42
S98	1	"4611280".pn.	US-PGPUB; USPAT	OR	ON	2017/07/12 14:30
S99	12	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 (record near1 date)	US-PGPUB; USPAT	OR	ON	2017/07/17 16:19
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S101	3	"5870725".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2017/07/17 16:40
S102	1	"14857854"	US-PGPUB; USPAT	OR	ON	2017/10/19 15:55
S103	37860	(G06F17/30442 or G06F17/30504 or G06F17/30268 or G06F17/30008 or G06F17/30011 or G06Q40/00 or G06F17/30067 or G06F17/30064).cpc.	US-PGPUB; USPAT	OR	ON	2017/10/19 17:24
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S106	2	"20110182482"	US-PGPUB; USPAT	OR	ON	2017/10/23 13:14
S107	3	"20110182482"	US-PGPUB; USPAT; DERWENT	OR	ON	2017/10/23 13:14
S108	3	"20120166452"	US-PGPUB; USPAT; DERWENT	OR	ON	2017/10/23 13:15
S109	2	"8924426" .pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2017/10/23 14:57
S110	2	"20060218123" .pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2017/10/23 14:57
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EAST Search History (I nterference)

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		(707/821.ccls.).CCLS.	US-PGPUB; USPAT	OR	OFF	2015/05/02 22:13
		707/769.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/02 22:13
		707/821.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/02 22:13
		707/7821.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/02 22:13
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S73	10	(compar\$3 or determin\$3 or calculat\$3) with (data or table or record) with (date or time) with (financial near3 document) same sequence\$1	US-PGPUB; USPAT	OR	ON	2015/05/01 13:34
S76	0	compar\$3 with specific with document with parameter with numerical with sequence with record with date.clm.	US-PGPUB; USPAT	OR	ON	2015/05/01 16:46
S78	417	707/731.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/02 21:52
S79	568	707/703.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/02 21:53
S114	12	(financial near1 (document record\$2 file\$1)) with (image\$2 snap\$6) and access\$3 near5 (document file\$1 record\$2) and compar\$5 near7 (sequenc\$4\$5 numeric\$4 number\$2) and compar\$4 near7 date and (G06F17/30442 or G06F17/30504 or G06F17/30268 or G06F17/30008 or G06F17/30011 or G06Q40/00 or G06F17/30064 or G06F17/30067).cpc.	US-PGPUB; USPAT	OR	ON	2018/01/04 19:21
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<i>Index of Claims</i> 	Application/Control No. 14857854	Applicant(s)/Patent Under Reexamination SCHULZE ET AL.
	Examiner ANDALIB LODHI	Art Unit 2162

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

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	Examiner ANDALIB LODHI	Art Unit 2162

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

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