

<b>Electronic Acknowledgement Receipt</b>	
<b>EFS ID:</b>	9568474
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	Distributed Computer Architecture and Process for Document Management
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1082
<b>Receipt Date:</b>	02-MAR-2011
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	13:53:47
<b>Application Type:</b>	Utility under 35 USC 111(a)

**Payment information:**

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$505
RAM confirmation Number	152
Deposit Account	200778
Authorized User	HORSTEMEYER,SCOTT A.

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 1.17 (Patent application and reexamination processing fees)

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

RIC 1009 (Part 3 of 3)

IPR of U.S. Pat. No. 7,986,426

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes)/ Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Power of Attorney	01315257.PDF	1385812	no	2
			105a362e14e0cef0fd7c1da2be4a90072ffa9f99		
<b>Warnings:</b>					
<b>Information:</b>					
2	Assignee showing of ownership per 37 CFR 3.73(b).	01315829.PDF	228812	no	6
			9f398532383e310f790356df1a50dc637b6100f		
<b>Warnings:</b>					
<b>Information:</b>					
3	Extension of Time	01315834.PDF	56496	no	1
			17de8d222c1f5520cab6ea210eb03f1ba4c57e7f		
<b>Warnings:</b>					
<b>Information:</b>					
4	Amendment/Req. Reconsideration-After Non-Final Reject	01315827.PDF	554596	no	13
			6ac4197e23c1105c4bbbae60388066b00c7e060		
<b>Warnings:</b>					
<b>Information:</b>					
5	Fee Worksheet (PTO-875)	fee-info.pdf	31762	no	2
			a4dde9056d8c3c8682d717b9c3a5edaff066254d		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			2257478		
<p>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.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  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.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  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.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  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.</p>					

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Laurence C. Klein  
Application Serial No.: 12/328,104  
Filed: 12/04/2008  
For: Distributed Computer Architecture and Procoss for Document Management

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above-identified:

application,  
 patent

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

I/we hereby appoint all of the following attorneys and agents of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as my/our attorneys and agents to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys and agents listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence be addressed to the address filed under the same USTPO Customer Number.

**24504**

Direct correspondence and telephone calls to:

**Scott A. Horstemeyer, Esq.**  
**THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.**  
600 Galleria Parkway, Suite 1500  
Atlanta, Georgia 30339  
770-933-9500

**ASSIGNEE OF ENTIRE INTEREST**

**RENAISSANCE GROUP IP HOLDINGS, LLC**  
3350 Riverwood Parkway, Suite 800  
Atlanta, Georgia 30339

**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.



\_\_\_\_\_  
Steve Hill  
Managing Member

Date: 3-1-2011

Docket No.: 051327-1083

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Laurence C. Klein  
Application Serial No.: 12/328,104  
Filed: 12/04/2008  
For: Distributed Computer Architecture and Procss for Document Management

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

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

2. The assignee of this matter is:

**RENAISSANCE GROUP IP HOLDINGS, LLC**  
3350 Riverwood Parkway, Suite 800  
Atlanta, Georgia 30339

**PERSON AUTHORIZED TO SIGN**

3. Scott A. Horstemeyer  
Attorney for Assignee

4. A chain of title from the inventor(s) to the current assignee is shown below:

- a. From: Laurence C. Klein and Imagination Software, Inc.  
To: Donner, Inc.  
Recorded in PTO: Reel: 022189      Frame: 0103
- b. From: Donner, Inc.  
To: Renaissance Group IP Holdings, LLC  
Recorded in PTO: See Exhibit A evidencing assignment that has already been filed. No Reel and Frame has been assigned as of yet.

**DECLARATIONS**

5. I, the undersigned, have reviewed all the documents in the chain of title of the

- application
- patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

  
\_\_\_\_\_  
**Scott A. Horstemeyer, Reg. No. 34,183**

Tel. No. 770-933-9500  
Customer No.: 24504

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**  
600 Galleria Parkway, Suite 1500  
Atlanta, Georgia 30339-5948

Docket No. 051327-1083


United States Patent and Trademark Office


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**Electronic Patent Assignment System**

## Confirmation Receipt

Your assignment has been received by the USPTO.  
 The coversheet of the assignment is displayed below:

<b>PATENT ASSIGNMENT</b>
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Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Donner, Inc.	09/30/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Renaissance Group IP Holdings, LLC
<b>Street Address:</b>	3350 Riverwood Parkway
<b>Internal Address:</b>	Suite 800
<b>City:</b>	Atlanta
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30339
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12328104
<b>CORRESPONDENCE DATA</b>	Exhibit A

<b>Fax Number:</b> (770)951-0933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful</i> <b>Phone:</b> 770-933-9500 <b>Email:</b> julie.campbell@tkhr.com <b>Correspondent Name:</b> Thomas, Kayden, Horstemeyer & Risley LLP <b>Address Line 1:</b> 600 Galleria Parkway <b>Address Line 2:</b> Suite 1500 <b>Address Line 4:</b> Atlanta, GEORGIA 30339	
<b>ATTORNEY DOCKET NUMBER:</b>	051329-1083
<b>NAME OF SUBMITTER:</b>	Scott A. Horstemeyer
<b>Signature:</b>	/SAH/
<b>Date:</b>	03/01/2011
<b>Total Attachments: 2</b> source=01311792#page1.tif source=01311792#page2.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT1479912 <b>Receipt Date:</b> 03/01/2011 <b>Fee Amount:</b> \$40	

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### ASSIGNMENT

Donner, Inc. ("Assignor") hereby assigns its entire right, title and interest to all of the following patents, and pending patent applications to Renaissance Group IP Holdings, LLC ("Assignee"):

U.S. Patent No. 6,185,590 ("Process and architecture for use on stand-alone machine and in distributed computer architecture for client server and/or intranet and/or internet operating environments")

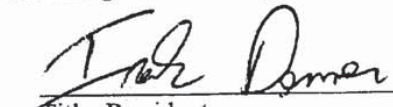
U.S. Patent No. 6,771,381 ("Distributed computer architecture and process for virtual copying")

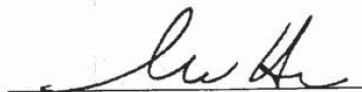
Any patent application now pending or which is ever pending (and any patents which issues as a result of any such application) based in whole or in part from the invention disclosure of any of the foregoing patents, which is a continuation, continuation-in-part or divisional patent application of any of the foregoing patents or any patent applications to which any of the foregoing patents claim invention priority. If further documentation as to the ownership of additional patents or patent applications meeting the foregoing description is deemed advisable or necessary by either party, the parties shall cooperate with each other reasonably to execute such documentation.

Said assignment includes all rights of action and damages for present and past infringement relating thereto, in consideration of the sum of Ten Dollars (\$10.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, subject to any pre-existing license or encumbrances to such rights, to the full end of the term for the patents identified above, subject to the following license, release and covenant not to sue that Assignee hereby grants:


Assignee shall pay all necessary maintenance fees to maintain the patents during their full term. In the event that Assignee no longer wants to maintain the patents, Assignee shall assign the patents back to Assignor, providing at least sixty (60) days for Assignor to pay all necessary maintenance fees, without penalty or fees for extension of time, to continue the term of the patents.

IN TESTIMONY WHEREOF, the Assignor and Assignee have executed this Assignment.

  
Title: President  
Donner, Inc. ("Assignor")

  
Title: Managing Member  
Renaissance Group IP Holdings, LLC  
("Assignee")

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.

<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional)	
<b>FY 2009</b>		051327-1083	
<i>(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)</i>			
Application Number 12/328,104		Filed 12/04/2008	
For Distributed Computer Architecture and Process for Document Management			
Art Unit 2625		Examiner Dov Popovici	
This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.			
The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):			
		<u>Fee</u>	<u>Small Entity Fee</u>
<input checked="" type="checkbox"/>	One month (37 CFR 1.17(a)(1))	\$130	\$65
	Two months (37 CFR 1.17(a)(2))	\$490	\$245
	Three months (37 CFR 1.17(a)(3))	\$1110	\$555
	Four months (37 CFR 1.17(a)(4))	\$1730	\$865
	Five months (37 CFR 1.17(a)(5))	\$2350	\$1175
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.			
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.			
<input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.			
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>20-0778</u> .			
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>			
I am the <input type="checkbox"/> applicant/inventor.			
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).			
<input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>34,183</u>			
<input type="checkbox"/> attorney or agent under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____			
		March 2, 2011	
Signature		Date	
Scott A. Horstemeyer		(770) 933-9500	
Typed or printed name		Telephone Number	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.			
<input type="checkbox"/> Total of _____ forms are submitted.			

This collection of information is required by 37 CFR 1.136(a). 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 1.11 and 1.14. This collection is estimated to take 6 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.

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.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875				Application or Docket Number <b>12/328,104</b>		Filing Date <b>12/04/2008</b>		<input type="checkbox"/> To be Mailed		
<b>APPLICATION AS FILED – PART I</b>										
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*	X \$ =		OR	X \$ =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =			X \$ =				
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).									
<input type="checkbox"/> 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			TOTAL			TOTAL		TOTAL		
<b>APPLICATION AS AMENDED – PART II</b>										
(Column 1)			(Column 2)		(Column 3)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY	
AMENDMENT	<b>03/02/2011</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 11	Minus	** 20	= 0	X \$26 =	0	OR	X \$ =	
	Independent (37 CFR 1.16(h))	* 8	Minus	***4	= 4	X \$110 =	440	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE	<b>440</b>	OR	TOTAL ADD'L FEE	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE		OR	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.										

Legal Instrument Examiner:  
/FLORENCE R. PATTERSON/

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.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

24504 e 03/04/2011  
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP  
600 GALLERIA PARKWAY, S.E.  
STE 1500  
ATLANTA, GA 30339-5994

**Paper No.**

<b>Application No.:</b>	12/328,104 <b>*12328104*</b>	<b>Date Mailed:</b>	03/04/2011
First Named Inventor:	Klein, Laurence, C.	Examiner:	POPOVICI, DOV
Attorney Docket No.:	051327-1082	Art Unit:	2625
Confirmation No.:	6370	Filing Date:	12/04/2008

**Please find attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

<b>Notice of Non-Compliant Amendment (37 CFR 1.121)</b>	<b>Application No.</b> 12/328,104	<b>Applicant(s)</b> KLEIN, LAURENCE C.
		<b>Art Unit</b> 1600

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

The amendment document filed on 02 March, 2011 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- 1. Amendments to the specification:
  - A. Amended paragraph(s) do not include markings.
  - B. New paragraph(s) should not be underlined.
  - C. Other \_\_\_\_\_.
- 2. Abstract:
  - A. Not presented on a separate sheet. 37 CFR 1.72.
  - B. Other Submit clean version on separate sheet.
- 3. Amendments to the drawings:
  - A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - C. Other \_\_\_\_\_.
- 4. Amendments to the claims:
  - A. A complete listing of all of the claims is not present.
  - B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
  - D. The claims of this amendment paper have not been presented in ascending numerical order.
  - E. Other: \_\_\_\_\_.
- 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4): For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance, or a drawing submission (only) If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.
2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1 to 4 are checked, the correction required is only the corrected section of the non-compliant amendment in compliance with 37 CFR 1.121.

**Extensions of time** are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action.

**Failure to timely respond** to this notice will result in:

- Abandonment** of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action; or
- Non-entry** of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Legal Instruments Examiner (LIE), if applicable /FLORENCE R. PATTERSON/ Telephone No: (571)272-0544

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Confirmation Number: 6370

Laurence C. Klein

Group Art Unit: 2625

Serial No.: 12/328,104

Examiner: Dov Popovici

Filed: 12/04/2008

Docket No.: 051327-1083

For: Distributed Computer Architecture and  
Process for Document Management

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**  
**RESPONSE TO NON-FINAL OFFICE ACTION**

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

Sir:

The Notice of Non-Compliant Amendment dated March 3, 2011 has been received and carefully reviewed. In response, Applicant submits the following remarks and includes the abstract on a separate page as required in the Notice.

The non-final Office Action mailed November 4, 2010 has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.

**AUTHORIZATION TO DEBIT ACCOUNT**

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to deposit account no. 20-0778.

**AMENDMENTS IN THE SPECIFICATION**

The following is a marked-up version of the specification with the language that is underlined (“    ”) being added and the language that contains strikethrough (“~~—~~”) being deleted:

Page 1, line 3, please replace the paragraph as follows:

This application claims priority and is a continuation of U.S. Patent Application 10/874,172 filed on June 24, 2004, now U.S. Patent [~~—, —, —~~] 7,477,410, which claims priority and is a continuation of U.S. Patent Application 09/438,300, filed November 12, 1999, now U.S. Patent 6,771,381 which claims priority to U.S. Provisional Application 60/108,798, filed November 13, 1998, all of which are incorporated herein by reference.



## **SUBMISSION OF SUBSTITUTE ABSTRACT**

The following is a substitute abstract to replace the originally filed abstract.

### ABSTRACT OF THE INVENTION (Redlined Version)

A system and/or method enables a typical PC user to add electronic paper processing to their existing business process. The system and/or method extends the notion of copying from a process that involves paper passing ~~going~~ through a conventional copier device, to a process that involves scanning paper ~~being scanned~~ from a first device ~~at one location~~ and copying the image of that paper copied to a remotely-located second device ~~at another location~~. ~~In its more sophisticated form, the~~ The system and/or method can optionally copy paper from a first device at ~~one location~~ directly into a business application residing on a network or on the Internet, or visa versa. The system and/or method includes ~~[[is]]~~ software that manages paper so that it can be electronically and seamlessly copied in and out of devices and business applications without needing to modify said devices or applications. ~~(such as Microsoft Office, Microsoft Exchange, Lotus Notes) with an optional single step operation. The system and/or method can reside on a PC, LAN/WAN server, digital device (such as a digital copier), or on a web server to be accessed over the Internet.~~

ABSTRACT OF THE INVENTION (Clean Version)

A system and/or method enables a typical PC user to add electronic paper processing to their existing business process. The system and/or method extends the notion of copying from paper passing through a conventional copier, to a process that involves scanning paper from a first device and copying the image of that paper to a remotely-located second device. The system and/or method can optionally copy paper from a first device directly into a business application residing on a network or on the Internet, or visa versa. The system and/or method includes software that manages paper so that it can be electronically and seamlessly copied in and out of devices and business applications without needing to modify said devices or applications.

## **AMENDMENTS**

### **In the Claims**

The following is a marked-up version of the claims with the language that is underlined (“   ”) being added and the language that contains strikethrough (“~~—~~”) being deleted:

Claims 1-2 (Cancelled).

3. (Currently Amended) ~~A computer data management system according to claim 1,~~ A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, comprising:

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes ~~the capability to integrate an~~ the integration of at least one image using software so that the image gets seamlessly replicated and transmitted to ~~at least one of other~~ one of said plurality of external destinations ~~devices and applications, and via the Internet.~~

4. (Currently Amended) ~~A computer data management system according to claim 1,~~ A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, comprising:

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes ~~the capability to integrate the integration of one or more~~ electronic images into a destination application without the need to modify the destination application.

5. (Currently Amended) ~~A computer data management system according to claim 4,~~ A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, comprising:

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes an interface that enables copying images between two or more of said physical devices and ~~and~~ [[,]] applications, ~~and the Internet~~ using a single "GO" operation.

6. (Currently Amended) ~~A computer data management system according to claim 4,~~ A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, comprising:

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes ~~the capability of adding~~ at least one of electronic document, data and paper processing means with via a single programming step.

7. (Currently Amended) ~~A computer data management system according to claim 4,~~ A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, comprising:

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the software application comprises:

at least one input module managing data comprising at least one of paper and electronic ~~paper~~ input to the computer data management system, and managing at least one imaging device to input the data through at least one of a scanner and a digital copier, and managing the electronic input ~~paper~~ from at least one third-party software applications;

at least one output module managing the data output from the computer data management system, managing at least one imaging device to output the data to at least one of a standard Windows printer, an image printer, and a digital copier, and managing the output of the data to the third-party software application;

at least one process module applying at least one data processing to the data comprising the at least one of the paper and the electronic ~~paper~~ input as it is being copied, applying additional functionality including at least one of workflow and processing functionality to the data comprising the at least one of paper and electronic ~~paper~~ input as it is being copied, and applying multiple processes to a single virtual copy;

at least one client module presenting the data comprising the at least one of paper and electronic ~~paper~~ input as it is being copied, and information related to at least one of the input and output functions; and

at least one server module communicable with said at least one input, output, client, and process modules and external applications, and capable of dynamically combining the external applications with at least one of digital capturing devices and digital imaging devices.

Claim 8 (Cancelled).

9. (Original) A computer data management system according to claim 7, wherein the server module includes:

enable virtual copy operation means for initiating, canceling, and resetting said computer data management system;

maintain list of available module means for maintaining a registry containing a list of said input, output, and process modules that can be used in said computer data management system, said list being read on startup, and maintaining another copy of said list in a modules object accessible by said input, output, client, process and server modules;

maintain currently active modules means for maintaining said input, output, and process modules currently being used for a current computer data management system copy operation in a program object, and saving the currently active modules in a process template file; and

maintain complete document information means for maintaining information regarding a current file being copied, and saving the information in a document template file.

10. (Original) A computer data management system according to claim 7, wherein the server module includes at least one server module application programmer interface (API).

11. (Original) A computer data management system according to claim 10, wherein the at least one server module application programmer interface (API) comprises the following COM-based interfaces:

at least one modules object maintaining a first list of available input, output, and process modules;

at least one program object maintaining a second list of currently selected input, output, and process modules;

at least one document object maintaining information regarding a current document being copied;

at least one system management method object used to initiate, cancel, and reset said computer data management system;

at least one system management event object used to provide feedback to the Client Module.

12. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, wherein the system comprises:

~~a first capability~~ an application system to integrate an image using software so that the image gets seamlessly replicated into at least one external ~~of other devices and applications device or application,~~ and via the Internet;

~~a second capability to integrate electronic images into existing applications without the need to modify the destination application~~ said at least one external device or application; and;

~~an interface comprising a software application that~~ at least one interface enables ~~copying wherein images are copied~~ between physical devices~~[[,]]~~ and applications, ~~and the Internet using a single copy "GO" operation; and ,~~ and where said application system implements a workflow for transmitting at least one of said images to at least one of said external destinations.

~~a third capability of adding at least one of electronic document and paper processing with a single programming step.~~

13. (Original) A computer data management system including a server module comprising:

enable virtual copy operation means for initiating, canceling, and resetting at least one operation managed by said computer data management system;

maintain list of available module means for maintaining a list of input, output, and process modules that can be used in said computer data management system, said list being used by at least one modules object accessible by said server module;

maintain currently active modules means for maintaining input, output, and process modules currently being used for a current computer data management system operation in a program object; and

maintain complete document information means for maintaining information regarding a current file.

14. (Currently Amended) A computer data management method including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable at least one of locally and via the Internet, wherein the method comprises the steps of:

integrating an image using software so that the image is transmitted into at least one of other devices and applications, and via the Internet;

integrating electronic images into existing applications without the need to modify the destination application;

interfacing via a software application enabling copying images between physical devices[.,] and applications, and the Internet using at least one "GO" a single copy operation;  
and

adding at least one of electronic document and paper processing with a single programming step.



## **REMARKS**

In the Office Action, the Examiner noted that Claims 1-14 are pending in the application, and that Claims 1-14 are rejected. The Examiner also indicated that Claims 3-7 and 9-14 and would be allowable.

By this Amendment, Claims 1-2 and 8 have been cancelled without prejudice or disclaimer in order to expedite the processing of the application. In addition, new claims 15-24 have been added. Thus, Claims 3-7, and 9-24 are pending in the application. The Examiner's rejections are traversed below.

### **Objections to the Disclosure and Abstract**

The disclosure and abstract are objected to due to informalities. The disclosure has been amended, and a new abstract is being submitted herewith.

Accordingly, applicant respectfully requests withdrawal of the above objections.

### **Rejections for Same Invention Double Patenting**

Claims 3, 4, 5, 6, 7, 8, 9, 10 and 11 have been rejected under 35 U.S.C. Section 101 as allegedly claiming the same invention as claims 1, 8, 15, 22, 29, 30, 31, 32 and 33 of prior U.S. Patent 7,477,410 B1. Claims 1-2, and 8 have been cancelled without prejudice or disclaimer. Claims 3, 4, 5, 6, 7, 9, 10 and 11 have been amended. Accordingly, applicant respectfully requests withdrawal of the rejection under 35 U.S.C. 101.

### **Rejections for Obviousness-Type Double Patenting**

Claims 1-11 and 13 have been rejected on the alleged ground of obviousness-type double patenting as being unpatentable over Claims 1-11 and 13 of prior U.S. Patent 6,771,381.

Likewise, Claims 1, 3-11, 12 and 14 have been rejected on the ground of nonstatutory obviousness-type double-patenting as being unpatentable over claims 1, 8, 15, 22, 29, 30, 31, 32, 33, 34 and 41 of U.S. Patent No. 7,477,410 B.

Claims 1 and 2 and 8 have been cancelled without prejudice or disclaimer. Applicant has submitted herewith a Terminal Disclaimer to overcome this rejection. Accordingly, applicant respectfully requests withdrawal of the rejection of Claims 3-7 and 9-14.

### **35 U.S.C. 112 Rejection, Second Paragraph**

Claims 3-4, 6 and 12 have been rejected under 35 U.S.C. 112, second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject

matter which applicant regards as the invention.

Claims 3-4, 6 and 12 have been amended. Accordingly, applicant respectfully requests withdrawal of the rejection under 35 U.S.C. 112, second paragraph.

**35 U.S.C. 112 Rejection, First Paragraph**

Claims 12 and 14 have been rejected under 35 U.S.C. 112, first paragraph, for allegedly failing to comply with the written description requirement.

Claims 12 and 14 have been amended. Accordingly, applicant respectfully requests withdrawal of the rejection under 35 U.S.C. 112, first paragraph.

**Other**

Claims 3, 4, 5, 6, and 12 have been amended in order to further clarify the scope of the invention and focus on aspects of the invention that the Examiner has, in prior comments, indicated as not being anticipated or obvious in view of the prior art. Applicant submits that these claims are in condition for allowance.

**35 U.S.C. 102 Rejection**

Claims 1-2, and 8 have been rejected under 35 U.S.C. 102, as being anticipated by Yeh.

Claims 1-2, and 8 have been cancelled without prejudice or disclaimer. Accordingly, applicant respectfully requests withdrawal of the rejection under 35 U.S.C. 102.

**CONCLUSION**

Applicant respectfully submits that, as described above, the cited prior art does not show or suggest the combination of features recited in the claims. Applicant does not concede that the cited prior art shows any of the elements recited in the claims. However, Applicant has provided specific examples of elements in the claims that are clearly not present in the cited prior art.

Applicant strongly emphasizes that one reviewing the prosecution history should not interpret any of the examples Applicant has described herein in connection with distinguishing over the prior art as limiting to those specific features in isolation. Rather, Applicant asserts that it is the combination of elements recited in each of the claims, when each claim is interpreted as a whole, which is patentable. Applicant has emphasized certain features in the claims as clearly not present in the cited references, as discussed above. However, Applicant does not concede that other features in the claims are found in the prior art. Rather, for the

sake of simplicity, Applicant is providing examples of why the claims described above are distinguishable over the cited prior art.

Applicant wishes to clarify for the record, if necessary, that the claims have been amended to expedite prosecution and/or explicitly recite that which is already present within the claims. Moreover, Applicant reserves the right to pursue the original and/or complimentary subject matter recited in the present claims in a continuation application.

Any claims that have been cancelled are hereby cancelled without prejudice or disclaimer, and Applicant reserves the right to further prosecute these claims in continuing applications. In addition, Applicant has attempted to claim all embodiments disclosed in the present application, and no disclaimer of any embodiments is hereby intended by the presently pending claims.

Any narrowing amendments made to the claims in the present Amendment are not to be construed as a surrender of any subject matter between the original claims and the present claims; rather merely Applicant's best attempt at providing one or more definitions of what the Applicant believes to be suitable patent protection. In addition, the present claims provide the intended scope of protection that Applicant is seeking for this application. Therefore, no estoppel should be presumed, and Applicant's claims are intended to include a scope of protection under the Doctrine of Equivalents and/or statutory equivalents, i.e., all equivalents that are substantially the same as the presently claimed invention.

Further, Applicant hereby retracts any arguments and/or statements made during prosecution that were rejected by the Examiner during prosecution and/or that were unnecessary to obtain allowance, and only maintain the arguments that persuaded the Examiner with respect to the allowability of the patent claims, as one of ordinary skill would understand from a review of the prosecution history. That is, Applicant specifically retracts statements that one of ordinary skill would recognize from reading the file history were not necessary, not used and/or were rejected by the Examiner in allowing the patent application.

Applicant also traverses any "Official Notice," "Design Choice," "Admitted Prior Art" or other alleged prior art that the Examiner purports is well known with respect to the claimed combination of the present invention. Applicant disagrees and request the Examiner to provide a prior art reference describing any of these features that the Examiner has not provided a prior art reference or an affidavit under 37 C.F.R. Section 1.104(d)(2) providing details of why it would have been obvious. In the absence of either, Applicant requests withdrawal of this rejection for these reasons as well.

For all the reasons advanced above, Applicant respectfully submits that the rejections have been overcome and should be withdrawn.

For all the reasons advanced above, Applicant respectfully submits that the Application is in condition for allowance, and that such action is earnestly solicited.

Respectfully submitted,

  
\_\_\_\_\_  
Scott A. Horstemeier, Reg. No. 34,183

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HORSTEMEYER & RISLEY, L.L.P.**  
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(770) 933-9500

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	9649555
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	Distributed Computer Architecture and Process for Document Management
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1082
<b>Receipt Date:</b>	14-MAR-2011
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	13:20:07
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Supplemental Response or Supplemental Amendment	01322396.PDF	565197 <small>46d70168ecaaf086f96b5caeb2d8503425b2702c</small>	no	14

### Warnings:

### Information:

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.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875				Application or Docket Number <b>12/328,104</b>		Filing Date <b>12/04/2008</b>		<input type="checkbox"/> To be Mailed			
<b>APPLICATION AS FILED – PART I</b>											
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY			
FOR		NUMBER FILED	NUMBER EXTRA		RATE (\$)	FEE (\$)	OR		RATE (\$)	FEE (\$)	
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>		N/A	N/A		N/A		OR		N/A		
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (i), or (m))</small>		N/A	N/A		N/A		OR		N/A		
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>		N/A	N/A		N/A		OR		N/A		
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>		minus 20 =	*		X \$ =		OR		X \$ =		
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>		minus 3 =	*		X \$ =		OR		X \$ =		
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).									
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>											
* If the difference in column 1 is less than zero, enter "0" in column 2.											
<b>APPLICATION AS AMENDED – PART II</b>											
(Column 1)			(Column 2)		(Column 3)		SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	<b>03/14/2011</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 11	Minus	** 20	= 0	X \$26 =	0	OR		X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 8	Minus	***8	= 0	X \$110 =	0	OR		X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>										
						TOTAL ADD'L FEE	<b>0</b>	OR		TOTAL ADD'L FEE	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =		OR		X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =		OR		X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>										
						TOTAL ADD'L FEE		OR		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.											
Legal Instrument Examiner: <b>/MARSHA R. RICHARDS/</b>											

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.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:	Confirmation Number: 6370
Laurence C. Klein	Group Art Unit: 2625
Serial No.: 12/328,104	Examiner: Dov Popovici
Filed: 12/04/2008	Docket No.: 051327-1083
For: Distributed Computer Architecture and Process for Document Management	

**AMENDMENTS TO APPLICATION PER TELEPHONE  
INTERVIEW WITH EXAMINER ON MAY 12, 2011**

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

Sir:

In response to a telephone interview with Examiner Dov Popovici on May 12, 2011, the following amendments have been made to the above-identified patent application.

**AUTHORIZATION TO DEBIT ACCOUNT**

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to deposit account no. 20-0778.



## AMENDMENTS

### In the Claims

The following is a marked-up version of the claims with the language that is underlined (“   ”) being added and the language that contains strikethrough (“~~—~~”) being deleted:

Claims 1-2 (Cancelled).

3. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes at least one of said electronic image, graphics and document ~~[[the]]~~ integration of at least one using software so that said image, graphics or document gets seamlessly replicated and transmitted to at least one of said plurality of external destinations.

4. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes the integration of one or more of said electronic image, graphics or document into a destination application without the need to modify the destination application.

5. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via [[the]] Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes an interface that enables copying of at least one of said image, graphics or document between two or more of said [[physical]] external devices and applications using a single [[GO]] GO operation.

6. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via [[the]] Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes adding at least one of electronic document, data and paper processing ~~[[means]]~~ via a single programming step.

7. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the software application comprises:

at least one input module managing data comprising at least one of paper and electronic input to the computer data management system, and managing at least one scanner, digital copier or other multifunction peripheral, and managing the electronic input from at least one third-party software ~~[[applications]]~~ application;

at least one output module managing the data output from the computer data management system, managing at least one imaging device to output the data to at least one of a standard ~~Windows~~ windows printer, an image printer, and a digital copier, and managing the output of the data to the third-party software ~~application~~ applications;

at least one process module applying at least one data processing to the data comprising the at least one of the paper and the electronic input as it is being copied, applying additional functionality including at least one of workflow and processing functionality to the data comprising the at least one of paper and electronic input as it is being copied, and applying multiple processes to a single virtual copy;

at least one client module presenting the data comprising the at least one of paper and electronic input as it is being copied, and information related to at least one of [[the]] input and output functions; and

at least one server module communicable with said at least one input, output, client, and process modules and external applications, and capable of dynamically combining the external applications with at least one of digital capturing devices and digital imaging devices.

Claim 8 (Cancelled).

9. (Original) A computer data management system according to claim 7, wherein the server module includes:

enable virtual copy operation means for initiating, canceling, and resetting said computer data management system;

maintain list of available module means for maintaining a registry containing a list of said input, output, and process modules that can be used in said computer data management system, said list being read on startup, and maintaining another copy of said list in a modules object accessible by said input, output, client, process and server modules;

maintain currently active modules means for maintaining said input, output, and process modules currently being used for a current computer data management system copy operation in a program object, and saving the currently active modules in a process template file; and

maintain complete document information means for maintaining information regarding a current file being copied, and saving the information in a document template file.

10. (Original) A computer data management system according to claim 7, wherein the server module includes at least one server module application programmer interface (API).

11. (Currently Amended) A computer data management system according to claim 10, wherein the at least one server module application programmer interface (API) comprises the following [[COM-based]] interfaces:

at least one modules object maintaining a first list of available input, output, and process modules;

at least one program object maintaining a second list of currently selected input, output, and process modules;

at least one document object maintaining information regarding a current document being copied;

at least one system management method object used to initiate, cancel, and reset said computer data management system;

at least one system management event object used to provide feedback to the Client Module client module.

12. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via [[the]] Internet, wherein the system comprises:

an application system to integrate an image using software so that the image gets seamlessly replicated into at least one external device or application, without the need to modify said at least one external device or application; [[and;]]

at least one interface wherein images are copied between physical devices and applications, using a single ["" ]GO["" ] operation, and where said application system implements a workflow for transmitting at least one of said images to at least one of said external destinations, and

a capacity for adding at least one of electronic document and paper processing with a single programming step.

13. (Currently Amended) A computer data management system including a server module comprising:

enable virtual copy operation means for initiating, canceling, and resetting at least one operation managed by said computer data management system;

maintain list of available module means for maintaining a list of input, output, and process modules that can be used in said computer data management system, said list being used by at least one ~~modules~~ module object accessible by said server module;

maintain currently active modules means for maintaining input, output, and process modules currently being used for a current computer data management system operation in a program object; and

maintain complete document information means for maintaining information regarding a current file.

14. (Currently Amended) A computer data management method including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, wherein the method comprises the steps of:

integrating an image using software so that the image is transmitted into at least one of other devices and applications, and via the Internet;

integrating electronic images into existing applications without the need to modify ~~[[the]]~~ a destination application;

interfacing via a software application enabling copying images between physical devices and applications, using at least one ~~[[“GO”]]~~ a single GO operation; and

adding at least one of electronic document and paper processing with a single programming step.

### **REMARKS**

Applicant thanks the Examiner for the telephone conference on May 12, 2011. Applicant has made amendments to claims 3-7 and 11-14 as discussed with the Examiner, in order to place all pending claims in condition for allowance.

#### **Rejections for Same-Type Double Patenting**

Claims 3-11 were rejected under 35 USC Section 101 based upon alleged same-type double patenting in connection with Claims 1, 8, 15, 22, 29-33 of prior U.S. Patent No. 7,477,410. Claim 8 have been cancelled without prejudice or disclaimer, rendering the rejection moot to the extent of Claim 8. Furthermore, Applicant has amended Claims 3-7, 9-11 to include the further element: "at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document." Therefore, this rejection has been fully overcome.

#### **Rejections for Obviousness-Type Double Patenting**

Claims 1-11 and 13 have been rejected on the alleged ground of obviousness-type double patenting as being unpatentable over Claims 1-11 and 13 of prior U.S. Patent 6,771,381.

Claims 1, 2, and 8 have been cancelled without prejudice or disclaimer, rendering this rejection moot to the extent of Claims 1, 2, and 8. Furthermore, with respect to the remaining claims, Applicant has submitted herewith a Terminal Disclaimer to overcome this rejection. Accordingly, applicant respectfully requests withdrawal of the rejection of Claims 3-7 and 9-14.

**CONCLUSION**

For all the reasons advanced above, Applicant respectfully submits that the rejections have been overcome and should be withdrawn.

For all the reasons advanced above, Applicant respectfully submits that the Application is in condition for allowance, and that such action is earnestly solicited.

Respectfully submitted,



\_\_\_\_\_  
Scott A. Horstemeyer/Reg. No. 34,183

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## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10086932
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	Distributed Computer Architecture and Process for Document Management
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1082
<b>Receipt Date:</b>	13-MAY-2011
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	15:30:51
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Applicant summary of interview with examiner	01367378.PDF	368554 4b35909e7d0ec64e77ecd87fde69be4032b4721a	no	9

### Warnings:

### Information:

Total Files Size (in bytes):

368554

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**New Applications Under 35 U.S.C. 111**

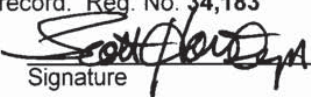
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**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**

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<b>TERMINAL DISCLAIMER TO OBTAIN A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT</b>	<b>Docket Number</b> 051327-1083
<p>In re Application of: Klein</p> <p>Application No. 12/328,104</p> <p>Filed: 12/04/2008</p> <p>For: Distributed Computer Architecture and Process for Document Management</p> <p>The owner*, Renaissance Group IP Holdings, LLC of 100% percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term of <b>prior patent No. 7,477,410 and 6,771,381</b> as the term of said patent is defined in 35 U.S.C. 154 and 173, and as the term of said <b>prior patent</b> is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon grantee, its successors or assigns.</p> <p>In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the <b>prior patent</b>, "as the term of said <b>prior patent</b> is presently shortened by any terminal disclaimer," in the event that it later:</p> <ul style="list-style-type: none"> <li>expires for failure to pay a maintenance fee;</li> <li>is held unenforceable;</li> <li>is found invalid by a court of competent jurisdiction;</li> <li>is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;</li> <li>has all claims cancelled by a reexamination certificate;</li> <li>is reissued; or</li> <li>is any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.</li> </ul> <p>Check either box 1 or 2 below, if appropriate.</p> <p>1. <input type="checkbox"/> For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issued thereon.</p> <p>2. <input checked="" type="checkbox"/> The undersigned is an attorney or agent of record. Reg. No. <b>34,183</b></p> <div style="text-align: right;">         Signature     </div> <div style="text-align: right;"> <b>05-13-2011</b>        Date     </div> <p>_____        Typed or printed name</p> <p style="text-align: center;">_____        (770) 933-9500        Telephone Number</p> <p><input checked="" type="checkbox"/> Terminal disclaimer fee under 37 CFR 1.20(d) is included.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p><small>*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this statement. See MPEP §324.</small></p>	

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	12328104			
<b>Filing Date:</b>	04-Dec-2008			
<b>Title of Invention:</b>	Distributed Computer Architecture and Process for Document Management			
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein			
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell			
<b>Attorney Docket Number:</b>	051327-1082			
Filed as Large Entity				
<b>Utility under 35 USC 111(a) Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Miscellaneous:</b>				
Statutory or terminal disclaimer	1814	1	140	140
<b>Total in USD (\$)</b>				<b>140</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10087675
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	Distributed Computer Architecture and Process for Document Management
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1082
<b>Receipt Date:</b>	13-MAY-2011
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	16:08:13
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$140
RAM confirmation Number	2591
Deposit Account	200778
Authorized User	HORSTEMEYER,SCOTT A.

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 1.17 (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	Applicant summary of interview with examiner	01367418.PDF	369094 c7091c540d4806a3bbe7fd454a4e41904c47c788	no	9

**Warnings:**

**Information:**

2	Terminal Disclaimer Filed	01367419.PDF	72286 d4b29148f994d9c7ee0a991da8e4314che25a4c9	no	1
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**Warnings:**

**Information:**

3	Fee Worksheet (PTO-875)	fee-info.pdf	29711 501ed67df6f62754476e857d2553cfd5b3505c52	no	2
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**Warnings:**

**Information:**

**Total Files Size (in bytes):** 471091

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**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.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of: Confirmation Number: 6370  
Laurence C. Klein Group Art Unit: 2625  
Serial No.: 12/328,104 Examiner: Dov Popovici  
Filed: 12/04/2008 Docket No.: 051327-1083  
For: Distributed Computer Architecture and  
Process for Document Management

**(REVISED)**  
**AMENDMENTS TO APPLICATION PER TELEPHONE**  
**INTERVIEW WITH EXAMINER ON MAY 12, 2011**

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

Sir:

Applicant submits a revised Amendment relating to the Telephone Interview of May 12, 2011. In response to a telephone interview with Examiner Dov Popovici on May 12, 2011, the following amendments have been made to the above-identified patent application.

**AUTHORIZATION TO DEBIT ACCOUNT**

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to deposit account no. 20-0778.



## AMENDMENTS

### In the Claims

The following is a marked-up version of the claims with the language that is underlined (“    ”) being added and the language that contains strikethrough (“”) being deleted:

Claims 1-2 (Cancelled).

3. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes at least one of said electronic image, graphics and document ~~[[the]]~~ integration of at least one using software so that said image, graphics or document gets seamlessly replicated and transmitted to at least one of said plurality of external destinations.

4. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes the integration of one or more of said electronic image, graphics or document into a destination application without the need to modify the destination application.

5. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via [[the]] Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes an interface that enables copying of at least one of said image, graphics or document between two or more of said [[physical]] external devices and applications using a single [[GO]] GO operation.

6. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via [[the]] Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the computer data management system includes adding at least one of electronic document, data and paper processing ~~[[means]]~~ via a single programming step,

7. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, comprising:

at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document;

at least one memory storing a plurality of interface protocols for interfacing and communicating;

at least one processor responsively connectable to said at least one memory, and implementing the plurality of interface protocols as a software application for interfacing and communicating with the plurality of external destinations including the one or more of the external devices and applications,

wherein the software application comprises:

at least one input module managing data comprising at least one of paper and electronic input to the computer data management system, and managing at least one scanner, digital copier or other multifunction peripheral, and managing the electronic input from at least one third-party software ~~[[applications]]~~ application;

at least one output module managing the data output from the computer data management system, managing at least one imaging device to output the data to at least one of a standard ~~Windows~~ windows printer, an image printer, and a digital copier, and managing the output of the data to the third-party software ~~application~~ applications;

at least one process module applying at least one data processing to the data comprising the at least one of the paper and the electronic input as it is being copied, applying additional functionality including at least one of workflow and processing functionality to the

data comprising the at least one of paper and electronic input as it is being copied, and applying multiple processes to a single virtual copy;

at least one client module presenting the data comprising the at least one of paper and electronic input as it is being copied, and information related to at least one of [[the]] input and output functions; and

at least one server module communicable with said at least one input, output, client, and process modules and external applications, and capable of dynamically combining the external applications with at least one of digital capturing devices and digital imaging devices.

Claim 8 (Cancelled).

9. (Original) A computer data management system according to claim 7, wherein the server module includes:

enable virtual copy operation means for initiating, canceling, and resetting said computer data management system;

maintain list of available module means for maintaining a registry containing a list of said input, output, and process modules that can be used in said computer data management system, said list being read on startup, and maintaining another copy of said list in a modules object accessible by said input, output, client, process and server modules;

maintain currently active modules means for maintaining said input, output, and process modules currently being used for a current computer data management system copy operation in a program object, and saving the currently active modules in a process template file; and

maintain complete document information means for maintaining information regarding a current file being copied, and saving the information in a document template file.

10. (Original) A computer data management system according to claim 7, wherein the server module includes at least one server module application programmer interface (API).

11. (Currently Amended) A computer data management system according to claim 10, wherein the at least one server module application programmer interface (API) comprises the following [[COM-based]] interfaces:

at least one modules object maintaining a first list of available input, output, and process modules;

at least one program object maintaining a second list of currently selected input, output, and process modules;

at least one document object maintaining information regarding a current document being copied;

at least one system management method object used to initiate, cancel, and reset said computer data management system;

at least one system management event object used to provide feedback to the ~~Client Module~~ client module.

12. (Currently Amended) A computer data management system including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via [[the]] Internet, wherein the system comprises:

an application system to integrate an image using software so that the image gets seamlessly replicated into at least one external device or application, without the need to modify said at least one external device or application; [[and;]]

at least one interface wherein images are copied between physical devices and applications, using a single ["" ]GO["" ] operation, and where said application system implements a workflow for transmitting at least one of said images to at least one of said external destinations, and

a capacity for adding at least one of electronic document and paper processing with a single programming step.

13. (Currently Amended) A computer data management system including a server module comprising:

enable virtual copy operation means for initiating, canceling, and resetting at least one operation managed by said computer data management system;

maintain list of available module means for maintaining a list of input, output, and process modules that can be used in said computer data management system, said list being used by at least one ~~modules~~ module object accessible by said server module;

maintain currently active modules means for maintaining input, output, and process modules currently being used for a current computer data management system operation in a program object; and

maintain complete document information means for maintaining information regarding a current file.

14. (Currently Amended) A computer data management method including at least one of an electronic image, graphics and document management system capable of transmitting at least one of an electronic image, electronic graphics and electronic document to a plurality of external destinations including one or more of external devices and applications responsively connectable to at least one of locally and via ~~[[the]]~~ Internet, wherein the method comprises the steps of:

integrating an image using software so that the image is transmitted into at least one of other devices and applications, and via the Internet;

integrating electronic images into existing applications without the need to modify ~~[[the]]~~ a destination application;

interfacing via a software application enabling copying images between physical devices and applications, using at least one ~~[[“GO”]]~~ a single GO operation; and

adding at least one of electronic document and paper processing with a single programming step.

## **REMARKS**

Applicant thanks the Examiner for the telephone conference on May 12, 2011. Applicant has made amendments to claims 3-7 and 11-14 as discussed with the Examiner, in order to place all pending claims in condition for allowance.

### **Rejections for Same-Type Double Patenting**

Claims 3-11 were rejected under 35 USC Section 101 based upon alleged same-type double patenting in connection with Claims 1, 8, 15, 22, 29-33 of prior U.S. Patent No. 7,477,410. Claim 8 have been cancelled without prejudice or disclaimer, rendering the rejection moot to the extent of Claim 8. Furthermore, Applicant has amended Claims 3-7, 9-11 to include the further element: "at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document." Therefore, this rejection has been fully overcome.

### **Rejections for Obviousness-Type Double Patenting**

Claims 1-11 and 13 have been rejected on the alleged ground of obviousness-type double patenting as being unpatentable over Claims 1-11 and 13 of prior U.S. Patent 6,771,381.

Claims 1, 2, and 8 have been cancelled without prejudice or disclaimer, rendering this rejection moot to the extent of Claims 1, 2, and 8. Furthermore, with respect to the remaining claims, Applicant has submitted herewith a Terminal Disclaimer to overcome this rejection. Accordingly, applicant respectfully requests withdrawal of the rejection of Claims 3-7 and 9-14.

**CONCLUSION**

For all the reasons advanced above, Applicant respectfully submits that the rejections have been overcome and should be withdrawn.

For all the reasons advanced above, Applicant respectfully submits that the Application is in condition for allowance, and that such action is earnestly solicited.

Respectfully submitted,

  
\_\_\_\_\_  
Scott A. Horstemeyer, Reg. No. 34,183

**THOMAS, KAYDEN,  
HORSTEMEYER & RISLEY, L.L.P.**  
Suite 1500  
600 Galleria Parkway S.E.  
Atlanta, Georgia 30339  
(770) 933-9500





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

24504 7590 05/27/2011
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP
600 GALLERIA PARKWAY, S.E.
STE 1500
ATLANTA, GA 30339-5994

EXAMINER

POPOVICI, DOV

ART UNIT PAPER NUMBER

2625

DATE MAILED: 05/27/2011

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

12/328,104 12/04/2008 Laurence C. Klein 051327-1082 6370

TITLE OF INVENTION: DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$755 \$0 \$0 \$755 08/29/2011

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 SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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.

24504                      7590                      05/27/2011  
 THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP  
 600 GALLERIA PARKWAY, S.E.  
 STE 1500  
 ATLANTA, GA 30339-5994

**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.
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12/328,104	12/04/2008	Laurence C. Klein	051327-1082	6370
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TITLE OF INVENTION: DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional	YES	\$755	\$0	\$0	\$755	08/29/2011
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EXAMINER	ART UNIT	CLASS-SUBCLASS
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POPOVICI, DOV	2625	358-001150
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<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. <b>Use of a Customer Number is required.</b></p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(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</p> <p>_____ 3</p>
---	---

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

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
---	--

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

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information 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.

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

24504 7590 05/27/2011
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP
600 GALLERIA PARKWAY, S.E.
STE 1500
ATLANTA, GA 30339-5994

EXAMINER

POPOVICI, DOV

ART UNIT PAPER NUMBER

2625

DATE MAILED: 05/27/2011

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

The Patent Term Adjustment to date is 235 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 235 day(s).

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 Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

## 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.

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	12/328,104	KLEIN, LAURENCE C.	
	<b>Examiner</b>	<b>Art Unit</b>	
	DOV POPOVICI	2625	

**All Participants:**

- (1) DOV POPOVICI.  
(2) Scott A. Horstemeyer (Reg. No. 34,183).

**Status of Application:** Response to Non-Final

- (3) \_\_\_\_\_.  
(4) \_\_\_\_\_.

**Date of Interview:** 19 May 2011

**Time:** 11:01 AM

**Type of Interview:**

- Telephonic  
 Video Conference  
 Personal (Copy given to:  Applicant  Applicant's representative)

Exhibit Shown or Demonstrated:  Yes  No  
If Yes, provide a brief description: .

**Part I.**

Rejection(s) discussed:  
*Double Patenting Rejections*

Claims discussed:  
*3-7 and 9-14*

Prior art documents discussed:  
*US Patent 7,477,410 B1 and US Patent 6,771,381*

**Part II.**

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:  
*See Continuation Sheet*

**Part III.**

- It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.  
 It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

/Dov Popovici/  
Primary Examiner, Art Unit 2625

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: On May 12, 2011, examiner Popovici and applicant's representative discussed the 35 USC 101 rejection of claims 3-11. Applicant has agreed to amend claims 3-7 and 9-11 to include "at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document" to overcome the same type double patenting rejection(s). Furthermore, applicant will file a Terminal Disclaimer to overcome the Obviousness type Double Patenting rejection(s). On May 19, 2011, an examiner's amendment to clarify the claims was discussed and agreed to (see the attached examiner's amendment for more specific details).

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	12/328,104	KLEIN, LAURENCE C.	
	<b>Examiner</b>	<b>Art Unit</b>	
	DOV POPOVICI	2625	

**-- 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 the amendments filed on 03/14/2011 and 05/13/2011.
2.  The allowed claim(s) is/are 3-7 and 9-14, renumbered as claims 1-11.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - 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.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  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)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>20110519</u> .</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
|---|---|

/Dov Popovici/  
 Primary Examiner, Art Unit 2625

### 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 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 Scott A. Horstemeyer (Reg. No. 34,183) on 5/19/2011.

The application has been amended as follows:

**In the abstract:**

In the abstract, line 8, change "said" to --the--.

**In the claims:**

In claim 3, lines 14-15, after "includes", delete "at least one of said electronic image, graphics and document".

In claim 3, line 15, after "integration of at least one", insert --of said electronic image, electronic graphics and electronic document--.

In claim 3, lines 15-16, change "said image, graphics or document" to --said electronic image, electronic graphics and electronic document--.

In claim 4, line 14, before "integration", delete "the".

In claim 4, line 15, change "said electronic image, graphics or document" to --said electronic image, electronic graphics and electronic document--.



In claim 5, line 15, change "said image, graphics or document" to --said electronic image, electronic graphics and electronic document--.

In claim 6, line 15, after "paper processing", insert --means--.

In claim 7, line 16, after "and managing", insert --said--.

In claim 7, line 22, change "applications" to --application--.

In claim 14, line 12, before "single", delete "a".

### **REASONS FOR ALLOWANCE**

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

On May 12, 2011, examiner Popovici and applicant's representative discussed the 35 USC 101 rejection(s) of claims 3-11. Claim 8 has been cancelled. Applicant has agreed to amend claims 3-7 and 9-11 to include the limitations of "at least one scanner, digital copier or other multifunction peripheral capable of rendering at least one of said electronic image, electronic graphics and electronic document" to overcome the same invention Double Patenting rejection(s). Furthermore, applicant has filed a Terminal Disclaimer to overcome the Obviousness type Double Patenting rejection(s). On May 19, 2011, an examiner's amendment to clarify the claims was further discussed and agreed to (see the attached examiner's amendment for more specific details). Furthermore, claims 3-7 and 9-14 are found to be allowable for the reason(s) stated in applicant remarks found in the amendments which were filed on 03/14/2011 and 05/13/2011.

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 DOV POPOVICI whose telephone number is (571)272-4083. The examiner can normally be reached on Monday-Thursday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Zimmerman can be reached on 571-272-7653. 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 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.

Application/Control Number: 12/328,104  
Art Unit: 2625

Page 5

/Dov Popovici/  
Primary Examiner, Art Unit 2625

<b>Serial Number</b> 	<b>Application No.</b> 12/328,104	<b>Applicant(s)</b> KLEIN, LAURENCE C.	
	<b>Examiner</b> DOV POPOVICI	<b>Art Unit</b> 2625	

<b>Issue Classification</b> 	<b>Application/Control No.</b> 12328104	<b>Applicant(s)/Patent Under Reexamination</b> KLEIN, LAURENCE C.
	<b>Examiner</b> DOV POPOVICI	<b>Art Unit</b> 2625

ORIGINAL						INTERNATIONAL CLASSIFICATION														
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED									
358		1.15				G	0	6	F	3 / 12 (2006.01.01)					H	0	4	N	1 / 00 (2006.01.01)	
<b>CROSS REFERENCE(S)</b>																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
358	1.13	1.6	1.1																	

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														
	2														
1	3														
2	4														
3	5														
4	6														
5	7														
	8														
6	9														
7	10														
8	11														
9	12														
10	13														
11	14														

NONE		<b>Total Claims Allowed:</b>	
		11	
(Assistant Examiner)	(Date)		
/DOV POPOVICI/ Primary Examiner, Art Unit 2625	5/19/2011	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	10	27

<b><i>Index of Claims</i></b> 	<b>Application/Control No.</b> 12328104	<b>Applicant(s)/Patent Under Reexamination</b> KLEIN, LAURENCE C.
	<b>Examiner</b> Dov Popovici	<b>Art Unit</b> 2625

✓	<b>Rejected</b>
=	<b>Allowed</b>


-	<b>Cancelled</b>
÷	<b>Restricted</b>

N	<b>Non-Elected</b>
I	<b>Interference</b>

A	<b>Appeal</b>
O	<b>Objected</b>

Claims renumbered in the same order as presented by applicant
  CPA
  T.D.
  R.1.47

CLAIM		DATE								
Final	Original	05/19/2011								
	1	-								
	2	-								
1	3	=								
2	4	=								
3	5	=								
4	6	=								
5	7	=								
	8	-								
6	9	=								
7	10	=								
8	11	=								
9	12	=								
10	13	=								
11	14	=								

<b>Search Notes</b>  	<b>Application/Control No.</b>  12328104	<b>Applicant(s)/Patent Under Reexamination</b>  KLEIN, LAURENCE C.
	<b>Examiner</b>  Dov Popovici	<b>Art Unit</b>  2625

<b>SEARCHED</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
358	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 402, 403, 407, 425, 468	5/11/2011	D.P.
710	8, 14, 15, 33, 62, 63, 64, 65, 72, 73	5/11/2011	D.P.
347	2, 3, 5, 14, 23	5/11/2011	D.P.
399	1, 8, 9	5/11/2011	D.P.

<b>SEARCH NOTES</b>		
<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
East Search - See attached East Search History - (S1 to S126) - text search with the search area listed above, text search in the US-PGPUB, USPAT and UPAD databases and within the claims and with the search area listed below (Interference Search), and Inventor Name Search	5/11/2011	D.P.
Inventor Name Search	5/11/2011	D.P.
Consulted with Gabriel I. Garcia in Class 358	5/16/2011	D.P.

<b>INTERFERENCE SEARCH</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
358	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 402, 403, 407, 425, 468	5/11/2011	D.P.
710	8, 14, 15, 33, 62, 63, 64, 65, 72, 73	5/11/2011	D.P.
347	2, 3, 5, 14, 23	5/11/2011	D.P.
399	1, 8, 9	5/11/2011	D.P.

	/Dov Popovici/ Primary Examiner, Art Unit 2625
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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6645	{(protocol\$5 and interfac\$5 and seamless\$5 and replicat\$5)}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:48
S2	10	{(protocol\$5 same interfac\$5 same seamless\$5 same replicat\$5)}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:48
S3	6170	{(protocol\$5 and interfac\$5 and seamless\$5 and replicat\$5 and software\$3)}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:48
S4	3	{(protocol\$5 same interfac\$5 same seamless\$5 same replicat\$5 same software\$3)}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:48
S5	29976	{(protocol\$5 and interfac\$5 and software and integrat\$5 and image and destination and application and (modif\$3 or chang\$3))}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:51
S6	28	{(protocol\$5 same interfac\$5 same software same integrat\$5 same image same destination same application same (modif\$3 or chang\$3))}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:52
S7	40391	{(protocol\$5 and interfac\$5 and software and copy\$3 and image\$3 and single and go\$3)}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:53
S8	3	{(protocol\$5 same interfac\$5 same software same copy\$3 same image\$3 same single same go\$3)}	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:54



S9	24214	{(protocol\$5 and interfac\$5 and (single near5 program\$5))	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:55
S10	3444	{(protocol\$5 and interfac\$5 and (single near5 program\$5) and document\$3 and paper\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:56
S11	3331	{(protocol\$5 and interfac\$5 and (single near5 program\$5) and document\$3 and paper\$3 and software)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:56
S12	1	{(protocol\$5 same interfac\$5 same (single near5 program\$5) same document\$3 same paper\$3 same software)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:57
S13	29894	{(protocol\$5 and interfac\$5 and software and input\$3 and output\$3 and process\$5 and paper and cop\$3 and application\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:58
S14	14	{(protocol\$5 same interfac\$5 same software same input\$3 same output\$3 same process\$5 same paper same cop\$3 same application\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 17:59
S15	4431	{(integrat\$5 and image\$3 and software\$3 and seamless\$5 and replicat\$5)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:00
S16	571	{(integrat\$5 and image\$3 and software\$3 and seamless\$5 and replicat\$5 and cop\$3 and single and workflow\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:01
S17	528	{(integrat\$5 and image\$3 and software\$3 and seamless\$5 and replicat\$5 and cop\$3 and single and go\$3 and workflow\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:02

S18	12	{(integrat\$5 same image\$3 same software\$3 same seamless\$5 same replicat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:02
S19	9	{(integrat\$5 same image\$3 same software\$3 same seamless\$5 same replicat\$5 same cop\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:02
S20	0	{(integrat\$5 same image\$3 same software\$3 same seamless\$5 same replicat\$5 same workflow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:03
S21	75924	{(virtual\$5 and copy\$5 and list\$3 and object\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:04
S22	4575	{(virtual\$5 and copy\$5 and list\$3 and object\$5 and initial\$5 and cancel\$5 and reset\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:05
S23	3946	{(virtual\$5 and copy\$5 and list\$3 and object\$5 and initial\$5 and cancel\$5 and reset\$5 and input\$3 and output\$3 and process\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:06
S24	252	{(virtual\$5 same copy\$5 same list\$3 same object\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:06
S25	3	{(virtual\$5 same copy\$5 same list\$3 same object\$5 same initial\$5 same cancel\$5 same reset\$5 same input\$3 same output\$3 same process\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:07
S26	45131	{(integrat\$5 and image\$3 and software\$3 and (chang\$3 or modifi\$3) and destinat\$5 and application\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:09

S27	10903	((integrat\$5 and image\$3 and software\$3 and (chang\$3 or modif\$3) and destinat\$5 and application\$3 and document\$3 and paper\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:09
S28	1337	((integrat\$5 and image\$3 and software\$3 and (chang\$3 or modif\$3) and destinat\$5 and application\$3 and document\$3 and paper\$3 and (single\$3 near5 program\$5))	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:10
S29	1227	((integrat\$5 and image\$3 and software\$3 and (chang\$3 or modif\$3) and destinat\$5 and application\$3 and document\$3 and paper\$3 and (single\$3 near5 program\$5) and go\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:10
S30	103	((integrat\$5 same image\$3 same software\$3) and (chang\$3 or modif\$3) and destinat\$5 and application\$3 and document\$3 and paper\$3 and (single\$3 near5 program\$5) and go\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:11
S31	23	((integrat\$5 same image\$3 same software\$3) and ((chang\$3 or modif\$3) same destinat\$5 same application\$3) and document\$3 and paper\$3 and (single\$3 near5 program\$5) and go\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 18:11
S32	38020	(358/1.1,1.2,1.3,1.4,1.5,1.6,1.7,1.8,1.9,1.11,1.12,1.13,1.14,1.15,1.16,1.17,1.18,402,403,407,425,468).CCLS	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:13
S33	3678	(710/8,14,15,33,62,63,64,65,72,73).CCLS	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:14
S34	5137	(347/2,3,5,14,23).CCLS	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:15
S35	5695	(399/1,8,9).CCLS	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:15

S36	56721	S32 or S33 or S34 or S35	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:17
S37	93	S36 and S1	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:17
S38	1	S36 and S2	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:17
S39	92	S36 and S3	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:18
S40	1529	S36 and S5	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:18
S41	2	S36 and S6	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:18
S42	1969	S36 and S7	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:18
S43	489	S36 and S9	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:18
S44	205	S36 and S10	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:18

S45	189	S36 and S11	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S46	3140	S36 and S13	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S47	2	S36 and S14	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S48	90	S36 and S15	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S49	10	S36 and S16	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S50	6	S36 and S17	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S51	2	S36 and S18	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S52	0	S36 and S19	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:19
S53	2129	S36 and S21	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20

S54	146	S36 and S22	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20
S55	136	S36 and S23	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20
S56	4	S36 and S24	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20
S57	2304	S36 and S26	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20
S58	1521	S36 and S27	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20
S59	88	S36 and S28	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:20
S60	67	S36 and S29	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:21
S61	9	S36 and S30	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:21
S62	2	S36 and S31	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/11 18:21

S63	14	(Laurence\$5 near Klein\$5).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:02
S64	3	S63 and (interface\$3 and protocol\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:03
S65	3	S63 and (interface\$3 and protocol\$5).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:03
S66	2	S63 and (initial\$5 and cancel\$5 and reset\$5 and list\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:04
S67	2	S63 and (initial\$5 and cancel\$5 and reset\$5 and list\$3).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:04
S68	6	S63 and (integrat\$5 and image\$3 and software\$3 single and program\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:05
S69	2	S63 and (integrat\$5 and image\$3 and software\$3 single and program\$5).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/11 19:05

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S70	7075	(interface and protocol\$5 and software\$3).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:35
S71	76	(interface and protocol\$5 and software\$3 and seamless\$5).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:36
S72	3	(interface and protocol\$5 and software\$3 and seamless\$5 and replicat\$5).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:36
S73	3	(interface and protocol\$5 and software\$3 and seamless\$5 and replicat\$5 and destinat\$5).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:37

S74	799	(interface and protocol\$5 and software\$3 and destinat\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:42
S75	386	(interface and protocol\$5 and software\$3 and destinat\$5 and application\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:42
S76	105	(interface and protocol\$5 and software\$3 and destinat\$5 and application\$3 and integrat\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:43
S77	58	(interface and protocol\$5 and software\$3 and destinat\$5 and application\$3 and integrat\$5 and image).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:43
S78	58	(interface and protocol\$5 and software\$3 and destinat\$5 and application\$3 and integrat\$5 and image\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:43
S79	304	(interface and protocol\$5 and software\$3 and go\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:44
S80	30	(interface and protocol\$5 and software\$3 and go\$3 and copy\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:44
S81	11	(interface and protocol\$5 and software\$3 and go\$3 and copy\$3 and image\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:44
S82	24	(interface and protocol\$5 and software\$3 and paper\$3 and document\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:45
S83	10	(interface and protocol\$5 and software\$3 and paper\$3 and document\$3 and single).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:45
S84	9	(interface and protocol\$5 and software\$3 and paper\$3 and document\$3 and single and program\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:45
S85	1059	(interface and protocol\$5 and software\$3 and input\$3 and output\$3 and process\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:46
S86	197	(interface and protocol\$5 and software\$3 and input\$3 and output\$3 and process\$5 and external\$3 and application\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:46
S87	34	(integrat\$5 and image\$3 and software\$3 and seamless\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:47
S88	4	(integrat\$5 and image\$3 and software\$3 and seamless\$5 and replicat\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:47
S89	12	(initial\$5 and cancel\$5 and reset\$5 and list\$3 and object\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:48
S90	6	(initial\$5 and cancel\$5 and reset\$5 and list\$3 and object\$5 and current\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:48
S91	22	(integrat\$5 and image\$3 and software\$3 and copy\$3 and go\$3).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:49
S92	12	(integrat\$5 and image\$3 and software\$3 and copy\$3 and go\$3 and single).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:49
S93	10	(integrat\$5 and image\$3 and software\$3 and copy\$3 and go\$3 and single and program\$5).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 18:49
S94	31725	(358/1.1,1.2,1.3,1.4,1.5,1.6,1.7,1.8,1.9,1.11,1.12,1.13,1.14,1.15,1.16,1.17,1.18,402,403,407,425,468).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:50
S95	8666	(710/8,14,15,33,62,63,64,65,72,73).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:50
S96	4545	(347/2,3,5,14,23).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:50
S97	1140	(399/1,8,9).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:50
S98	45296	S94 or S95 or S96 or S97	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:51



S99	180	S98 and S70	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:51
S100	4	S98 and S71	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:51
S101	23	S98 and S74	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:51
S102	8	S98 and S75	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S103	4	S98 and S76	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S104	3	S98 and S77	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S105	3	S98 and S78	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S106	8	S98 and S79	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S107	3	S98 and S80	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S108	3	S98 and S81	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:52
S109	8	S98 and S82	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:53
S110	5	S98 and S83	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:53
S111	4	S98 and S84	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:53
S112	34	S98 and S85	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:53
S113	8	S98 and S86	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:53
S114	3	S98 and S87	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:53
S115	3	S98 and S89	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:54
S116	3	S98 and S90	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:54
S117	3	S98 and S91	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:54
S118	3	S98 and S92	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:54
S119	3	S98 and S93	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/11 18:54
S120	13	(Laurence near Klein).in.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:06
S121	4	S120 and (interface and protocol).	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:06
S122	4	S120 and (interface and protocol).dlm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:06
S123	3	S120 and (initial and cancel and reset and list)	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:07

S124	3	S120 and (initial\$5 and cancel\$5 and reset\$5 and list\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:07
S125	7	S120 and (integrat\$5 and image\$3 and software\$3 single and program\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:07
S126	3	S120 and (integrat\$5 and image\$3 and software\$3 single and program\$5).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/05/11 19:07

5/12/2011 12:02:57 PM

H:\Workspaces\12328104.05112011.1.wsp

**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)

24504 7590 05/27/2011  
**THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP**  
**600 GALLERIA PARKWAY, S.E.**  
**STE 1500**  
**ATLANTA, GA 30339-5994**

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.

**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.

<i>Julie Campbell</i>	(Depositor's name)
<i>Julie Campbell</i>	(Signature)
June 10, 2011	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/328,104	12/04/2008	Laurence C. Klein	051327-1082	6370

TITLE OF INVENTION: DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$0	\$0	\$755	08/29/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
POPOVICI, DOV	2625	358-001150

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 Thomas, Kayden,  
 (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 Horstemeyer & Risley, LLP  
 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: RENAISSANCE GROUP IP HOLDINGS, LLC  
 (B) RESIDENCE: (CITY AND STATE OR COUNTRY) ATLANTA, GA

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 credit any overpayment, to Deposit Account Number 20-0778 (enclose an extra copy of this form).

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

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature: *Scott A. Horstemeyer* Date: June 10, 2011  
 Typed or printed name: Scott A. Horstemeyer Registration No.: 34,183

This collection of information 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.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:	Confirmation Number: 6370
Laurence C. Klein	Group Art Unit: 2625
Serial No.: 12/328,104	Examiner: Dov Popovici
Filed: 12/04/2008	Docket No.: 051327-1083
For: Distributed Computer Architecture and Process for Document Management	

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

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

Dear Sir:

Applicants substantially agree with the Examiner's reasons for allowance in the Office Action, subject to the comments herein. Applicants would like to emphasize, and assume that the Examiner intended to so state, that the combination of elements in each of the allowed claims, independent and dependent, are patentably distinguishable over the prior art when each claim is interpreted as a whole by itself.

Applicants provide no opinion with respect to interpreting the references cited by the Examiner, and therefore, do not concede to the Examiner's interpretation of same, as permitted under 37 C.F.R. Section 1.104(e), particularly since the Examiner does not respond to an Applicant's Response to Reasons for Allowance. Applicants would like to clarify that the only interpretation that the Applicants will accept or agree with is the interpretation that one of ordinary skill in the art would understand from the prior art references.

Applicants strongly emphasize that one reviewing the prosecution history should not interpret any of the examples Applicant has described herein in connection with distinguishing

over the prior art as limiting to those specific features in isolation. Rather, the Applicants assert that it is the combination of elements recited in each of the claims, when each claim is interpreted as a whole, which is patentable. Applicants have emphasized certain features in the claims as clearly not present in the cited references, as discussed above. However, Applicants do not concede that other features in the claims are found in the prior art. Rather, for the sake of simplicity, the Applicants are providing examples of why the claims described above are distinguishable over the cited prior art.

Applicants wish to clarify for the record, if necessary, that the claims have been amended to expedite prosecution. Moreover, the Applicants reserve the right to pursue the original subject matter recited in the present claims in a continuation application.

Further, the Applicants hereby retract any arguments and/or statements made during prosecution that were rejected by the Examiner during prosecution and/or that were unnecessary to obtain allowance, and only maintains the arguments that persuaded the Examiner with respect to the allowability of the patent claims, as one of ordinary skill would understand from a review of the prosecution history. That is, the Applicants specifically retract statements that one of ordinary skill would recognize from reading the file history were not necessary, not used and/or were rejected by the Examiner in allowing the patent application. In addition, Applicants traverse any "Official Notice," "Design Choice," "Admitted Prior Art" or other alleged prior art that the Examiner purports are well known.

Any narrowing amendments made to the claims, if any, in the present Amendment are not to be construed as a surrender of any subject matter between the original claims and the present claims; rather merely the Applicants' best attempt at providing one or more definitions

of what the Applicants believe to be suitable patent protection. In addition, the present claims provide the intended scope of protection that the Applicants are seeking for this application. Therefore, no estoppel should be presumed, and the Applicants claims are intended to include a scope of protection under the Doctrine of Equivalents.

Finally, the examiner's amendments after the interview of May 19, 2011, calling for a change in the claim language from "said document, graphics or image" to "said electronic document, electronic graphics and electronic image" are understood by us to be a matter of improving the antecedent basis and/or syntax of the claim, and are not intended to change the scope of the claim. In other words, these specific amendments were not made for purposes of patentability.

Respectfully submitted,



Scott A. Horstemeyer, Reg. No. 34,183

**THOMAS, KAYDEN,  
HORSTEMEYER & RISLEY, L.L.P.**  
Suite 1500  
600 Galleria Parkway S.E.  
Atlanta, Georgia 30339  
(770) 933-9500

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	12328104				
<b>Filing Date:</b>	04-Dec-2008				
<b>Title of Invention:</b>	DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT				
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein				
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell				
<b>Attorney Docket Number:</b>	051327-1083				
Filed as Small Entity					
<b>Utility under 35 USC 111(a) Filing Fees</b>					
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>	
<b>Basic Filing:</b>					
<b>Pages:</b>					
<b>Claims:</b>					
<b>Miscellaneous-Filing:</b>					
<b>Petition:</b>					
<b>Patent-Appeals-and-Interference:</b>					
<b>Post-Allowance-and-Post-Issuance:</b>					
Utility Appl issue fee	2501	1	755	755	
<b>Extension-of-Time:</b>					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
<b>Total in USD (\$)</b>				<b>755</b>



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10277155
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1083
<b>Receipt Date:</b>	10-JUN-2011
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	12:38:04
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$755
RAM confirmation Number	9268
Deposit Account	200778
Authorized User	HORSTEMEYER,SCOTT A.

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 1.20 (Post Issuance fees)

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes)/ Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Issue Fee Payment (PTO-85B)	01383603.PDF	85512	no	1
			b5cbbac1e561b6256bb3539bb43593e8197117cc		
<b>Warnings:</b>					
<b>Information:</b>					
2	Miscellaneous Incoming Letter	01383604.PDF	105050	no	3
			69305bd1a4f4f1c05e076e8f4e4a3c65fe27201df		
<b>Warnings:</b>					
<b>Information:</b>					
3	Fee Worksheet (SB06)	fee-info.pdf	30005	no	2
			643531184c21290df820bee0f05a43ce4e0af7bfd		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				220567	
<p><b>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.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  <b>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.</b></p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  <b>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.</b></p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  <b>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.</b></p>					



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 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6370

<b>SERIAL NUMBER</b> 12/328,104	<b>FILING OR 371(c) DATE</b> 12/04/2008 <b>RULE</b>	<b>CLASS</b> 358	<b>GROUP ART UNIT</b> 2625	<b>ATTORNEY DOCKET NO.</b> 051327-1083
------------------------------------	---	---------------------	-------------------------------	---

**APPLICANTS**

Laurence C. Klein, Hashmonaim, IL;

**\*\* CONTINUING DATA \*\*\*\*\***

This application is a CON of 10/874,172 06/24/2004 PAT 7,477,410  
 and is a CON of 09/438,300 11/12/1999 PAT 6,771,381  
 and is a CIP of 08/950,838 10/15/1997 PAT 6,185,590  
 and is a CIP of 08/911,083 08/14/1997 ABN  
 and is a CIP of 08/950,911 10/15/1997 ABN  
 and is a CIP of 08/950,837 10/15/1997 ABN  
 and is a CIP of 08/950,738 10/15/1997 ABN \*  
 and is a CIP of 08/950,741 10/15/1997 ABN  
~~and said 08/950,838 10/15/1997~~  
 claims benefit of 60/028,129 10/18/1996  
 and claims benefit of 60/028,522 10/18/1996  
 and claims benefit of 60/028,128 10/18/1996  
 and claims benefit of 60/028,697 10/18/1996  
 and claims benefit of 60/028,639 10/18/1996  
 and claims benefit of 60/028,685 10/18/1996  
~~and said 09/438,300 11/12/1999~~  
 claims benefit of 60/108,798 11/13/1998  
 (\*)Data provided by applicant is not consistent with PTO records.

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED\*\* SMALL ENTITY \*\***  
 \*\* 12/17/2008

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<b>STATE OR COUNTRY</b> IL	<b>SHEETS DRAWING</b> 44	<b>TOTAL CLAIMS</b> 14	<b>INDEPENDENT CLAIMS</b> 4
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

**ADDRESS**

24504

**TITLE**

DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT

<b>FILING FEE RECEIVED</b>	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/328,104	07/26/2011	7986426	051327-1083	6370

24504 7590 07/06/2011  
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP  
400 INTERSTATE NORTH PARKWAY SE  
SUITE 1500  
ATLANTA, GA 30339

**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 235 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):

Laurence C. Klein, Hashmonaim, IL;



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/328,104	07/26/2011	7986426	051327-1083	6370

24504 7590 07/06/2011  
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP  
400 INTERSTATE NORTH PARKWAY SE  
SUITE 1500  
ATLANTA, GA 30339

**ISSUE NOTIFICATION**

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

Laurence C. Klein, Hashmonaim, IL;

<b>Application Number</b> 	<b>Application/Control No.</b> 12/328,104	<b>Applicant(s)/Patent under Reexamination</b> KLEIN, LAURENCE C.

<b>Document Code - DISQ</b>	<b>Internal Document – DO NOT MAIL</b>
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<b>TERMINAL DISCLAIMER</b>	<input checked="" type="checkbox"/> <b>APPROVED</b>	<input type="checkbox"/> <b>DISAPPROVED</b>
Date Filed : 05/13/2011	<b>This patent is subject to a Terminal Disclaimer</b>	

<b>Approved/Disapproved by:</b>
Dorethea Lawrence

U.S. Patent and Trademark Office

AO 120 (Rev. 3/04)

TO: <span style="float: right;">Mail Stop 8</span> Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	<b>REPORT ON THE                  FILING OR DETERMINATION OF AN                  ACTION REGARDING A PATENT OR                  TRADEMARK</b>
--	--

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District of Georgia on the following  Patents or  Trademarks:

DOCKET NO. 1:12-cv-995-SCJ	DATE FILED 3/23/2012	U.S. DISTRICT COURT Northern District of Georgia
PLAINTIFF Project Paperless, LLC		DEFENDANT BlueWave Computing, LLC, et al.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 7,477,410 B1	1/13/2009	
2 US 7,986,426B1	1/26/2011	Renaissance Group IP Holdings, LLC
3		
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
--------------------

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director    Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director    Copy 4—Case file copy

<b>TO:</b> <b>Mail Stop 8</b> <b>Director of the U.S. Patent and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	<b>REPORT ON THE</b> <b>FILING OR DETERMINATION OF AN</b> <b>ACTION REGARDING A PATENT OR</b> <b>TRADEMARK</b>
--	---

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Virginia on the following  
 Trademarks or  Patents. (  the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 3:12cv039	DATE FILED 1/18/2012	U.S. DISTRICT COURT Eastern District of Virginia
PLAINTIFF Project Paperless, LLC		DEFENDANT UAV Communications, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 7,477,410		See Attached
2 7,986,426		
3		
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
--------------------

CLERK	(BY) DEPUTY CLERK Kara Young	DATE 2/9/2112
-------	---------------------------------	------------------

Copy 1—Upon initiation of action, mail this copy to Director    Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director    Copy 4—Case file copy

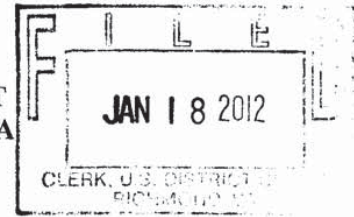


Steven G. Hill (applying for *pro hac vice*)  
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Telephone: (770) 953-0995, x101  
Facsimile: (770) 953-1358  
[sg@hkw-law.com](mailto:sg@hkw-law.com)

*Counsel for the Plaintiff*

11498819\_1.DOC

IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF VIRGINIA  
*Richmond* Division



PROJECT PAPERLESS, LLC, a Virginia  
Limited liability company,

Plaintiff,

v.

UAV COMMUNICATIONS, INC.  
d/b/a BOSH GLOBAL SERVICES and BOSH  
GLOBAL SYSTEMS, a Virginia corporation,

Defendant.

C.A. No.: 3:12cv039

JURY TRIAL DEMANDED

**COMPLAINT FOR PATENT INFRINGEMENT**

Plaintiff Project Paperless, LLC (“Project Paperless”), by and through its undersigned counsel, for its Complaint for Patent Infringement against the above-named Defendant hereby states:

1. This is a case where the Plaintiff owns valuable patent rights through a combination of issued patents and patents pending which cover both the Defendant’s ability to scan a document into an email attachment and transmit the attachment, and the Defendant’s ability to scan a document into a digital document file format and store the document into its network files so that it can be accessed by Defendant’s employees through one or more software applications. These patent rights are valuable because of the efficiencies they add to the workplace via the fast, reliable transmission of data without the added cost, delay and unreliability of paper-based systems of the prior art.

2. Defendant obtained this technology by integrating hardware, software and other equipment provided by various companies, none of which individually are accused of infringing

the Plaintiff's patent rights. However, the Defendant has brought these diverse elements together into a data management system that infringes Plaintiff's patent rights.

3. Plaintiff has previously reached out to Defendant about its patent rights on more than one occasion. Defendant has not denied the use of the infringing technology, but has thus far been unwilling to cease its illegal theft of Plaintiff's patent rights.

#### THE PARTIES

4. Plaintiff Project Paperless, LLC is a limited liability company formed under the laws of the Commonwealth of Virginia with its principal place of business in Alexandria, Virginia.

5. Defendant is a Virginia corporation with its principal place of business located at 1 Compass Way, Suite 250, Newport News, Virginia 23606. It may be served through its registered agent, Robert E. Korroch. It is authorized to do business in the Commonwealth of Virginia. Further, Defendant regularly conducts such business within Virginia and within this judicial district. Within its offices located in this judicial district, Defendant makes and uses technology that infringes the patent-in-suit, as discussed in greater detail herein. Virginia Secretary of State records indicate that the company does business under the fictitious names of Bosh Global Services and Bosh Global Systems. The company also maintains a website in the name of Bosh Global Services, Inc. which can be accessed at <http://www.boshgs.com/>.

#### JURISDICTION AND VENUE

6. This is an action for patent infringement arising under the provisions of the Patent Laws of the United States of America, Title 35, United States Code.

7. Subject-matter jurisdiction over Project Paperless's claims is conferred upon this Court by 28 U.S.C. § 1331 (federal question jurisdiction) and 28 U.S.C. § 1338(a) (patent

jurisdiction).

8. This Court has personal jurisdiction over Defendant because Defendant based in the Commonwealth of Virginia and is subject to general jurisdiction in Virginia. Defendant also has established minimum contacts with the forum. Defendant is authorized to do business in Virginia and regularly conducts such business. Defendant uses patent-infringing technology which is the subject of this lawsuit in this judicial district. Therefore, the exercise of personal jurisdiction over Defendants would not offend traditional notions of fair play and substantial justice.

9. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b) and (c) and §1400(b).

#### THE DEFENDANT'S SCAN-TO-EMAIL SYSTEM

10. Defendant has created and maintains a system for collecting, storing and accessing information. Defendant employs information technology ("IT") personnel to assist in the maintenance of this system.

11. Upon information and belief, Defendant utilizes a scanner/copier capable of scanning paper into a digital form. Said scanner includes a user interface which permits the user of the scanner/copier to input, *inter alia*, an intended recipient's email address, and to then press a button, which in turn triggers the scanning of paper into a digitally-formatted file that is automatically emailed to the intended recipient's email address. To be clear, Plaintiff is not arguing that scanner/copier equipment alone infringes any patent rights.

12. Upon information and belief, Defendant utilizes Microsoft Exchange and Outlook, which runs on at least one server, in order to aid the process of communicating a digital image from a scanner/copier to an intended email destination. Again, Plaintiff is not alleging

that these Microsoft products (or servers running them) by themselves infringe any patent rights.

THE DEFENDANT'S SCAN-TO-FILE SYSTEM

13. Upon information and belief, Defendant utilizes a scanner/copier capable of scanning paper into a digital form. Said scanner includes a user interface which permits the user of the scanner/copier to input, inter alia, an intended network file destination, and to then press a button, which in turn triggers the scanning of paper into a digitally-formatted file that is automatically transmitted to and stored within the designated network file destination. To be clear, Plaintiff is not arguing that scanner/copier equipment alone infringes any patent rights.

14. Upon information and belief, Defendant utilizes Microsoft Windows in a client server configuration, in order to aid the process of communicating a digital image from a scanner/copier to an intended file destination accessible to a file server. Again, Plaintiff is not alleging that these Microsoft products (or server running Microsoft products) by themselves infringe any patent rights.

COUNT I – INFRINGEMENT OF U.S. PATENT NO. 7,477,410

15. Project Paperless reasserts and incorporates herein by reference the allegations of all preceding paragraphs of this Complaint as if fully set forth herein.

16. On January 9, 2010, U.S. Patent No. 7,477,410 (the “410 Patent”) was duly and legally issued by the USPTO. Project Paperless is the owner by assignment of all right, title and interest in and to the ‘410 Patent, including all right to recover for any and all past infringement thereof. The ‘410 Patent is attached as **Exhibit A** hereto.

17. Upon information and belief, Defendant has in the past and continues to directly infringe at least Claims 8, 11, 13, 14, 15, and 21 of the ‘410 Patent by making and using in this judicial district and elsewhere in the United States, a data management system possessing all of

the elements of at least these claims.

18. Upon information and belief, Defendant uses at least one scanner, digital copier or other multifunction peripheral (collectively, “digital copying devices”) capable of creating a digital copy of a physical document (e.g., a paper document).

19. Upon information and belief, Defendant uses one or more central computer(s) or server(s) for sharing access to information (collectively, Defendant’s “file server”) among desktop computers and/or other computers used by Defendant’s employees (collectively, “client computers”) and/or mobile devices used by Defendant’s employees such as Blackberry® devices and other smartphones.

20. Upon information and belief, Defendant uses one or more central computer(s) or server(s) running for corporate electronic email software (collectively, Defendant’s “email server”).

21. Upon information and belief, Defendant’s file server and its email server are each connected to data stored in an electronic storage medium (“Defendant’s data storage”) such that certain of Defendant’s data located in Defendant’s data storage is accessible to Defendant’s file server and/or email server.

22. Upon information and belief, Defendant uses memory in its file server and/or email server which stores software permitting electronic communication between Defendant’s file server and at least one of the Defendant’s digital copying devices.

23. Upon information and belief, Defendant uses memory in its file server and/or email server which stores software permitting electronic communication between Defendant’s file server and at least one of the Defendant’s client computers.

24. Upon information and belief, Defendant uses memory in its file server and/or

email server which stores software permitting electronic communication between Defendant's email server and at least one of the Defendant's digital copying devices.

25. Upon information and belief, Defendant uses memory in its file server and/or email server which stores software permitting electronic communication between Defendant's email server and at least one of the Defendant's client computers.

26. Upon information and belief, Defendant uses software operated on or in conjunction with its file server and/or its email server and/or its data storage to replicate and transmit one or more digital copies of physical documents such as paper documents to one or more servers or client computers.

27. This replication and transmission occurs as a result of a user-command communicated through a graphical user interface (GUI), without any modification of any of Defendant's client computers, and without any modification of Defendant's software source code.

28. As a consequence of the infringement of the '410 Patent by the aforesaid Defendant, Project Paperless is entitled to recovery of past damages in the form of, at a minimum, a reasonable royalty.

29. Moreover, as a consequence of the prior communication of patent rights by Plaintiff to Defendant, combined with Defendant's failure to cease and desist from further infringement in the face of the objective risk of infringement, the infringement is willful, giving rise to Plaintiff's claims for trebling of the damages in this case, as well as to Plaintiff's claims that this is a case where Defendant should reimburse Plaintiff for its attorney's fees and other costs of litigation pursuant to 35 U.S.C. Section 285.

COUNT II – INFRINGEMENT OF U.S. PATENT NO. 7,986,426

30. Project Paperless reasserts and incorporates herein by reference the allegations of all preceding paragraphs of this Complaint as if fully set forth herein.

31. On July 26, 2011, U.S. Patent No. 7,986,426 (the “426 Patent”) was duly and legally issued by the USPTO. Project Paperless is the owner by assignment of all right, title and interest in and to the ‘426 Patent, including all right to recover for any and all past infringement thereof. The ‘426 Patent is attached as **Exhibit B** hereto.

32. As a result of the Defendant’s scan-to-file and scan-to-email functionality described above in paragraphs 10-14 and 18-27, the ‘410 patent is directly infringed by Defendant. The infringement includes infringement of Claims 1, 2 and 3.

33. As a consequence of the infringement of the ‘410 Patent by the aforesaid Defendant, Project Paperless is entitled to recovery of past damages in the form of, at a minimum, a reasonable royalty.

34. Moreover, as a consequence of the prior communication of patent rights by Plaintiff to Defendant, combined with Defendant’s failure to cease and desist from further infringement in the face of the objective risk of infringement, the infringement is willful, giving rise to Plaintiff’s claims for trebling of the damages in this case, as well as to Plaintiff’s claims that this is a case where Defendant should reimburse Plaintiff for its attorney’s fees and other costs of litigation pursuant to 35 U.S.C. Section 285.

PRAYER FOR RELIEF

WHEREFORE, Project Paperless prays for entry of judgment and an order that:

- (1) Defendant has the ‘410 and ‘426 Patents;
- (2) Defendants account for and pay to Project Paperless all damages, assessment of



interest, and costs of MOSAID caused by Defendants' patent infringement;

(3) Project Paperless be granted permanent injunctive relief pursuant to 35 U.S.C. § 283 enjoining Defendants, their officers, agents, servants, employees, affiliates and those persons in active concert of participation with them from further acts of patent infringement of the '426 Patent;

(4) In the event the Court determines that it will not enter injunctive relief, Defendant shall continue to pay royalties to Project Paperless for its infringement of the '410 and '426 Patents on a going-forward basis;

(5) Defendant account for and pay for increased damages for willful infringement under 35 U.S.C. § 284;

(6) Costs and attorney's fees be awarded to Project Paperless, under 35 U.S.C. § 285; and

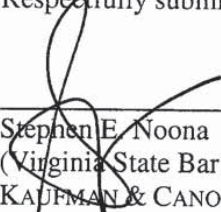
(7) Project Paperless be granted such further and additional relief as the Court may deem just and proper under the circumstances.

DEMAND FOR JURY TRIAL

Project Paperless demands trial by jury on all claims and issues so triable.

Dated: January 18, 2012

Respectfully submitted,



---

Stephen E. Noona  
(Virginia State Bar No. 25367)  
KAUFMAN & CANOLES, P.C.  
150 West Main Street, Suite 2100  
Norfolk, VA 23510  
Telephone: (757) 624-3239  
Facsimile: (757) 624-3169  
[senoona@kaufcan.com](mailto:senoona@kaufcan.com)

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.

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

Practitioners associated with Customer Number: **24504**

OR

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

The address associated with Customer Number: **24504**

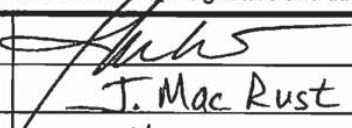
OR

<input type="checkbox"/>	Firm or Individual Name		
<input type="checkbox"/>	Address		
<input type="checkbox"/>	City		
<input type="checkbox"/>	Country		
<input type="checkbox"/>	Telephone		Email

Assignee Name and Address: **MPHJ Technology Investment, LLC**  
**1220 North Market Street**  
**Wilmington, Delaware 19801**

**A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of The practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.**

**SIGNATURE of Assignee of Record**  
 The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	<b>2/13/13</b>
Name	<b>J. Mac Rust</b>	Telephone	<b>817-454-6365</b>
Title	<b>Manager</b>		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. 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 1.11 and 1.14. This collection is estimated to take 3 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.

## 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.

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**STATEMENT UNDER 37 CFR 3.73(c)**

Applicant/Patent Owner: MPHJ Technology Investments, LLC

Application No./Patent No.: 7,986,426 Filed/Issue Date: 07/26/2011

Titled: Distributed Computer Architecture and Process for Document Management

MPHJ Technology Investments, LLC, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

- 1.  The assignee of the entire right, title, and interest.
- 2.  An assignee of less than the entire right, title, and interest (check applicable box):
  - The extent (by percentage) of its ownership interest is \_\_\_\_\_%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
  - There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

- 3.  The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

- 4.  The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Imagination Software and Laurence C. Klein To: Donner, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel 022189, Frame 0103, or for which a copy thereof is attached.

2. From: Donner, Inc. To: Renaissance Group IP Holdings

The document was recorded in the United States Patent and Trademark Office at Reel 025881, Frame 0692, or for which a copy thereof is attached.

This collection of information is required by 37 CFR 3.73(b). 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 1.11 and 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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**STATEMENT UNDER 37 CFR 3.73(c)**

3. From: Renaissance Group IP Holdings, LLC To: Project Paperless, LLC

The document was recorded in the United States Patent and Trademark Office at  
Reel 027644, Frame 0079, or for which a copy thereof is attached.

4. From: Project Paperless, LLC To: MPHJ Technology Investments, LLC

The document was recorded in the United States Patent and Trademark Office at  
Reel 028988, Frame 0304, or for which a copy thereof is attached.

5. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

6. From: \_\_\_\_\_ To: \_\_\_\_\_


The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
Signature

02/21/2013  
\_\_\_\_\_  
Date

Scott A. Horstemeyer  
\_\_\_\_\_  
Printed or Typed Name

34,183  
\_\_\_\_\_  
Title or Registration Number

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	15015076
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1083
<b>Receipt Date:</b>	21-FEB-2013
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	14:33:01
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	01793064.PDF	425678 <small>beb0ac6a212d21df6d4464a0314fe68a8018c93</small>	no	2

### Warnings:

### Information:

2	Assignee showing of ownership per 37 CFR 3.73.	01793058.PDF	1019362 276d35a2edf924949e96948b5454879bcf3ad775	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				1445040	
<p><b>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.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  <b>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.</b></p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  <b>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.</b></p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  <b>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.</b></p>					

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

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I hereby appoint:

Practitioners associated with Customer Number: **24504**

**OR**

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

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As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFR 3.73(c).

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The address associated with Customer Number: **24504**

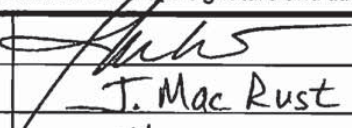
**OR**

<input type="checkbox"/>	Firm or Individual Name		
<input type="checkbox"/>	Address		
<input type="checkbox"/>	City		
<input type="checkbox"/>	Country		
<input type="checkbox"/>	Telephone		Email

Assignee Name and Address: **MPHJ Technology Investment, LLC  
 1220 North Market Street  
 Wilmington, Delaware 19801**

**A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of The practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.**

**SIGNATURE of Assignee of Record**  
 The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	<b>2/13/13</b>
Name	<b>J. Mac Rust</b>	Telephone	<b>817-454-6365</b>
Title	<b>Manager</b>		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. 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 1.11 and 1.14. This collection is estimated to take 3 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.



## 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.

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.

**STATEMENT UNDER 37 CFR 3.73(c)**

Applicant/Patent Owner: MPHJ Technology Investments, LLC  
 Application No./Patent No.: 7,986,426 Filed/Issue Date: 07/26/2011  
 Titled: Distributed Computer Architecture and Process for Document Management  
MPHJ Technology Investments, LLC, a Corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1.  The assignee of the entire right, title, and interest.
2.  An assignee of less than the entire right, title, and interest (check applicable box):
- The extent (by percentage) of its ownership interest is \_\_\_\_\_%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3.  The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4.  The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Imagination Software and Laurence C. Klein To: Donner, Inc.

The document was recorded in the United States Patent and Trademark Office at  
 Reel 022189, Frame 0103, or for which a copy thereof is attached.

2. From: Donner, Inc. To: Renaissance Group IP Holdings

The document was recorded in the United States Patent and Trademark Office at  
 Reel 025881, Frame 0692, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). 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 1.11 and 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.*

**STATEMENT UNDER 37 CFR 3.73(c)**

3. From: Renaissance Group IP Holdings, LLC To: Project Paperless, LLC

The document was recorded in the United States Patent and Trademark Office at  
Reel 027644, Frame 0079, or for which a copy thereof is attached.

4. From: Project Paperless, LLC To: MPHJ Technology Investments, LLC

The document was recorded in the United States Patent and Trademark Office at  
Reel 028988, Frame 0304, or for which a copy thereof is attached.

5. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

6. From: \_\_\_\_\_ To: \_\_\_\_\_


The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
Signature

02/21/2013  
\_\_\_\_\_  
Date

Scott A. Horstemeyer  
\_\_\_\_\_  
Printed or Typed Name

34,183  
\_\_\_\_\_  
Title or Registration Number

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	15015321
<b>Application Number:</b>	12328104
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6370
<b>Title of Invention:</b>	DISTRIBUTED COMPUTER ARCHITECTURE AND PROCESS FOR DOCUMENT MANAGEMENT
<b>First Named Inventor/Applicant Name:</b>	Laurence C. Klein
<b>Customer Number:</b>	24504
<b>Filer:</b>	Scott A. Horstemeyer/Julie Campbell
<b>Filer Authorized By:</b>	Scott A. Horstemeyer
<b>Attorney Docket Number:</b>	051327-1083
<b>Receipt Date:</b>	21-FEB-2013
<b>Filing Date:</b>	04-DEC-2008
<b>Time Stamp:</b>	14:42:15
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	01793064.PDF	425678 <small>beb0ac6a212d21df6d4464a0314fe68a8018c93</small>	no	2

### Warnings:

### Information:

2	Assignee showing of ownership per 37 CFR 3.73.	01793058.PDF	1019362	no	2
			276d35a2edf924949e96948b5454879bcf3ad775		

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	1445040
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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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/328,104	12/04/2008	Laurence C. Klein	051327-1083

24504  
THOMAS | HORSTEMEYER, LLP  
400 INTERSTATE NORTH PARKWAY SE  
SUITE 1500  
ATLANTA, GA 30339

**CONFIRMATION NO. 6370**  
**POA ACCEPTANCE LETTER**



Date Mailed: 03/04/2013

**NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 03/02/2011.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/mnguyen/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/328,104	12/04/2008	Laurence C. Klein	051327-1083

**CONFIRMATION NO. 6370**

**POA ACCEPTANCE LETTER**

24504  
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400 INTERSTATE NORTH PARKWAY SE  
SUITE 1500  
ATLANTA, GA 30339



Date Mailed: 03/04/2013

**NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 02/21/2013.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/mnguyen/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101