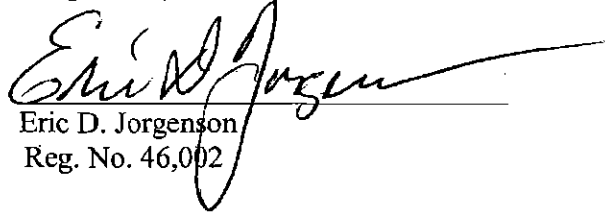# EXHIBIT 4 – PART 7

<u>CONCLUSION</u>

The present application is believed to be in condition for allowance in view of the above comments and amendments. A prompt action to such end is earnestly solicited.

In the event any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-3663 (LEADP102USA). Should the Examiner believe a telephone interview would be helpful to expedite favorable prosecution, the Examiner is invited to contact Applicants' undersigned representative at the telephone number below.

Respectfully submitted,

Eric D. Jorgenson
Reg. No. 46,002

Law Office of Eric D. Jorgenson, Esq.
1457 King Road
Hinckley, Ohio 44233
Telephone (216) 225-4169
Facsimile (330) 278-3135

Electronic Acknowledgement Receipt

EFS ID:	1040485
Application Number:	10732744
Confirmation Number:	6665
Title of Invention:	Dynamic association of electronically stored information with iterative workflow changes
First Named Inventor:	Michael T. McKibben
Customer Number:	57608
Filer:	Eric Dale Jorgenson
Filer Authorized By:	
Attorney Docket Number:	LEADP102USA
Receipt Date:	05-MAY-2006
Filing Date:	10-DEC-2003
Time Stamp:	21:07:48
Application Type:	Utility
International Application Number:	

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1	Amendment After Final	Reply_Final_LEADP102USA_SignPage.pdf	10989	no	1

Warnings:

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

Information:	
Total Files Size (in bytes):	10989

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

<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

ERIC D. JORGENSON
AMIN & TUROCY LLP
NATIONAL CITY CENTER
1900 E. 9TH STREET, 24TH FLOOR
CLEVELAND, OH 44114

COPY MAILED

MAY 0 5 2006

In re Application of   :

Michael T. McKibben et al   :

Application No. 10/732,744   :

Filed: December 10, 2003   :

Attorney Docket No. LEADP102USA :

                             :

OFFICE OF PETITIONS

DECISION ON PETITION
TO WITHDRAW
FROM RECORD

This is a decision on the Request to Withdraw as attorney or agent of record under 37 C.F.R. § 1.36(b), filed November 3, 2005.

The request is **NOT APPROVED** as moot.

A review of the file record indicates that the Revocation of Power of Attorney with New Power of Attorney and change of Correspondence Address to Eric D. Jorgenson and others has been revoked by the assignee of the patent application. Accordingly, the request to withdraw under 37 C.F.R. § 1.36(b) is moot.

There is an outstanding Office action mailed January 5, 2006 that requires a reply from the applicant.

All future communications from the Office will continue to be directed to the first below-listed address until otherwise notified by applicant.

Telephone inquires concerning this decision should be directed to Irvin Dingle at 571-272-3210.

Denise Pothier
Petitions Examiner
Office of Petitions

cc: Eric D. Jorgenson
       1457 King Road
       Hinckley, OH 44233

cc: Michael T. McKibben
       Leader Technologies
       921 Eastwind Drive, Suite 118
       Westerville, OH 43081

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
10/732,744	12/10/2003	Michael T. McKibben	LEADP102USA

CONFIRMATION NO. 6665

57608
ERIC D. JORGENSON
1457 KING ROAD
HINCKLEY, OH 44233

OC000000018685990
OC000000018685990

Date Mailed: 05/04/2006

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/03/2005.

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.

IRVIN DINGLE
OP (571) 272-3210

ATTORNEY/APPLICANT COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/732,744	12/10/2003	Michael T. McKibben	LEADP102USA

CONFIRMATION NO. 6665

Amin & Turocy, LLP
National City Center
24th Floor
1900 E. 9th Street
Cleveland, OH 44114

OC000000018685966
OC000000018685966

Date Mailed: 05/04/2006

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/03/2005.

• The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

IRVIN DINGLE
OP (571) 272-3210

NEW ATTORNEY/AGENT COPY

LTI 000627

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number
LEADP102USA
10/732744

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	44	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	44 minus 20=	* 24
INDEPENDENT CLAIMS	7 minus 3 =	* 4
MULTIPLE DEPENDENT CLAIM PRESENT		☐

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐			OR	OTHER THAN SMALL ENTITY	
	RATE	FEE		RATE	FEE
	BASIC FEE	385.00	OR	BASIC FEE	770.00
	XS 9=	216	OR	XS18=	
	X43=	132	OR	X88=	344
	+145=		OR	+290=	
	TOTAL		OR	TOTAL	222

CLAIMS AS AMENDED - PART II

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	* 44	Minus	** 44	* X
Independent	* 7	Minus	*** 7	* X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY			OR	OTHER THAN SMALL ENTITY	
	RATE	ADDI-TIONAL FEE		RATE	ADDI-TIONAL FEE
	XS 9=		OR	XS18=	
	X43=		OR	X88=	
	+145=		OR	+290=	
	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

11/3/05

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	* 33	Minus	** 44	* X
Independent	* 3	Minus	*** 7	* X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY			OR	OTHER THAN SMALL ENTITY	
	RATE	ADDI-TIONAL FEE		RATE	ADDI-TIONAL FEE
	XS 9=		OR	XS18=	
	X43=		OR	X88=	
	+145=		OR	+290=	
	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

5/5/06

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	* 36	Minus	** 44	* 0
Independent	* 6	Minus	*** 7	* 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY			OR	OTHER THAN SMALL ENTITY	
	RATE	ADDI-TIONAL FEE		RATE	ADDI-TIONAL FEE
	XS 9=		OR	XS18=	
	X43=		OR	X88=	
	+145=		OR	+290=	
	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. 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.
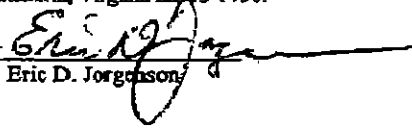
FORM PTO-875 (Rev. 10/03)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

RECEIVED·
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PATENT

JUN 21 2006

LEADP102USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Applicant(s): Michael McKibben, *et al.*

Serial No: 10/732,744

Filing Date: December 10, 2003

Examiner: Diane Mizrahi

Art Unit: 2165

Title: DYNAMIC ASSOCIATION OF ELECTRONICALLY STORED INFORMATION WITH ITERATIVE WORKFLOW CHANGES

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

SUPPLEMENTAL REPLY TO A REPLY TO THE FINAL OFFICE ACTION DATED JANUARY 5, 2006 THAT ACCOMPANIED THE RCE

Dear Sir:

Favorable reconsideration of the above-identified patent application is respectfully requested in view of the amendments and comments below.

Accompanying this document for entry in the file wrapper is a copy of the RCE Transmittal previously filed but not of record.

10/732,744   JUN 21 2006   LEADP102USA

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-17 (Cancelled)

18. (Currently Amended)   A computer-implemented network-based system that facilitates management of data, comprising:

a computer-implemented context component of the network-based system for capturing context information associated with user-defined ~~topic~~ data created by user interaction of a user in a first context of the network-based system, the context component dynamically ~~storing associating~~ the context information in metadata associated with the user-defined data ~~via metadata, that is~~ the user-defined data and metadata stored on a storage component of the network-based system; and

a computer-implemented tracking component of the network-based system for tracking a change of the user from the first context to a second context of the network-based system and automatically updating the stored metadata based on the change ~~associating associates at least a portion of the context information with the second context in the metadata~~.

19. (Currently Amended)   The system of claim 18, the context component is associated with a workspace, which is a collection of data and application functionality related to the user-defined ~~topic~~ data.

20. (Previously Presented)   The system of claim 18, the context component is associated with a web, which web is a collection of interrelated workspaces, the web maintains a location of data of the respective interrelated workspaces when one or more of the interrelated workspaces are moved into a different workspace interrelationship.

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21. (Previously Presented)   The system of claim 18, the context information includes a relationship between the user and at least one of an application, application data, and user environment.

22. (Previously Presented)   The system of claim 18, the context component captures context information of the first context and context information related to at least one other context.

23. (Previously Presented)   The system of claim 22, the context information of the at least one other context is at least one of stipulated by the user and suggested automatically by the system based upon search and association criteria set by the user.

24. (Previously Presented)   The system of claim 18, wherein data created in the first context is associated with data created in the second context.

25. (Currently Amended)   The system of claim 18, the context information is tagged to the user-defined data via the data metadata when the user-defined data is created.

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26. (Currently Amended)   A computer-implemented method of managing data, comprising computer-executable acts of:

creating data within a user environment of a web-based computing platform via user interaction with the user environment by a user using an application, the data in the form of at least files and documents;

dynamically associating metadata with the data, the data and metadata stored on a storage component of the web-based computing platform, the metadata includes information related to the [[a]] user ~~of the user environment~~, to the data, to the application, and to the user environment;

tracking movement of the user from the user environment of the web-based computing platform to a second user environment of the web-based computing platform; and

updating ~~associating in~~ the stored metadata with an association of at least one of the data and the application with the second user environment such that the user employs the at least one of the application and the data from the second environment.

27. (Canceled)

28. (Original) The method of claim 26, further comprising capturing context information of the user.

29. (Previously Presented)   The method of claim 26, further comprising indexing content of the user environment such that a plurality of users can access the content from an associated plurality of user environments.

30. (Canceled)

31. (Original) The method of claim 26, the least one of the data and the application is associated automatically with the second user environment.

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10/732,744   **LEADP102USA**

32. (Previously Presented)   The method of claim 26, further comprising accessing the user environment and the second user environment using a browser.

33. (Original) The method of claim 26, further comprising communicating with the user environment using a TCP/IP communication protocol.

34. (Original) The method of claim 26, further comprising locating the user environment from a remote location using a URL address.

35. (Original) The method of claim 26, further comprising accessing the user environment via a portable wireless device.

36. (Currently Amended)   A computer-implemented method of managing data, comprising computer-executable acts of:

generating ~~providing~~ a plurality of user environments in a web-based system;

ordering two or more of the <u>plurality of</u> user environments according to different arrangements of the user environments;

providing a plurality of applications for generating and processing data in the user environments, the data of a user environment is associated with the user environment <u>in metadata that corresponds to the data;</u>

<u>storing in a storage component ordering information related to the ordering of the two or more of the plurality of user environment;</u> and

traversing the different arrangements of the user environments with one or more of the applications <u>based on the ordering information</u> to locate the data associated therewith.

37. (Currently Amended)   The method of claim 36, the <u>act</u> ~~step~~ of traversing is performed using a webslice that includes traversal information for locating the data associated with a given user environment.

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38. (Original) The method of claim 37, the traversal information includes at least a collection ID, a user environment ID, and a routing path to the location of the environment data.

39. (Currently Amended)   The method of claim 36, the different arrangements, user environments, and associated data carry both hierarchical and non-hierarchical associations simultaneously within the plurality of applications.

40. (Currently Amended)   A computer-readable medium for storing having computer-executable instructions for performing a method of managing data, the method comprising:

creating data related to user interaction of a user within a user workspace of a web-based computing platform using an application;

dynamically associating metadata with the data, the data and metadata stored on the web-based computing platform, the metadata includes information related to [[a]] the user of the user workspace, to the data, to the application and to the user workspace;

tracking movement of the user from the user workspace to a second user workspace of the web-based computing platform;

dynamically associating the data and the application with the second user workspace in the metadata such that the user employs the application and data from the second user workspace; and

indexing the data created in the user workspace such that a plurality of different users can access the data via the metadata from a corresponding plurality of different user workspaces.

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41. (Currently Amended)   A computer-implemented system that facilitates management of data, comprising:

computer-implemented means for creating data by interaction of a user within a user workspace of a server using an application;

computer-implemented means for associating metadata with the data, the metadata stored in association with the data on storage means of the server, the metadata includes information related to a user of the user workspace, to the data, to the application and to the user workspace;

computer-implemented means for tracking movement of the user from the user workspace to a second user workspace of the server; and

computer-implemented means for associating the data and the application with the second user workspace of the server in the metadata such that the user can employ the application and data from the second user workspace.

Claims 42-44 (Cancelled)

45. (Currently Amended)   A computer-implemented system that facilitates management of data, comprising:

a computer-implemented context component of a web-based server system for defining a first user workspace of the web-based server system, assigning one or more applications to the first user workspace, capturing context data associated with user interaction of a user while in the first user workspace, and for storing the context data as metadata on a storage component of the web-based server system, which metadata is dynamically associated with data created in the first user workspace; and

a computer-implemented tracking component of the web-based server system for tracking change information associated with a change in access of the user from the first user workspace to a second user workspace, and dynamically storing the change information on the storage component as part of the metadata.

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46. (Previously Presented)   The system of claim 45, wherein the tracking component automatically creates the metadata when the user accesses the first user workspace.

47. (Previously Presented)   The system of claim 45, wherein the context component captures relationship data associated with a relationship between the first user workspace and at least one other user workspace.

48. (Previously Presented)   The system of claim 45, wherein an application associated with the first user workspace is automatically accessible via the second user workspace when the user moves from the first user workspace to the second user workspace.

49. (Previously Presented)   The system of claim 45, wherein context data relating to an item of communication is automatically stored and used in performance of communication tasks.

50. (Canceled)

51. (Previously Presented)   The system of claim 45, wherein the context component captures data and application functionality related to a user-defined topic of the first user workspace, and includes the data and application functionality in the metadata.

52. (Currently Amended)   The system of claim 45, wherein when the data created in the first user workspace is accessed from [[a]] the second user workspace, in response to which the context component adds information to the metadata about the second user workspace.

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53. (Previously Presented)   The system of claim 45, wherein the first user workspace is associated with a plurality of different applications, the plurality of different applications comprising telephony, unified messaging, decision support, document management, portals, chat, collaboration, search, vote, relationship management, calendar, personal information management, profiling, directory management, executive information systems, dashboards, cockpits, tasking, meeting and, web and video conferencing.

54. (Currently Amended)   The system of claim 45, ~~wherein the further comprising~~ a storage component stores ~~system for storing~~ the data and the metadata according to at least one of a relational and an object storage methodology.

55. (Currently Amended)   The system of claim 45, wherein storing of the metadata in the storage component in association with data facilitates many-to-many functionality of the data via the metadata.

56. (Previously Presented)   The system of claim 45, wherein the first user workspace provides access to at least one communications tool, which includes e-mail, voicemail, fax, teleconferencing, instant message, chat, contacts, calendar, task, notes, news, ideas, vote, web and video conferencing, and document sharing functionality.

57. (Previously Presented)   The system of claim 45, wherein one or more applications includes file storage pointers that are dynamic and associated with the first user workspace.

58. (Canceled)

59. (Previously Presented)   The system of claim 45, wherein the context component facilitates encryption of the data generated in the first user workspace.

9

LTI 000638

10/732,744   **LEADP102USA**

REMARKS

Applicants' representative thanks the Examiner for courtesies extended during multiple interviews regarding prosecution of the subject application.

This Reply is supplemental to a Reply to a Final Rejection filed in conjunction with an RCE. Additionally, it is intended that amendments to the specification submitted in the previous Reply be entered.

Claims 18-26, 28, 29, 31-41, and 45-59 are currently pending in the subject application and are presently under consideration. A new listing of the claims is provided at pages 2-9 of the Reply. Claims 50 and 58 have been cancelled without prejudice. Claims 1-17, 27, 30, and 42-44 were cancelled in a previous Reply. Applicants' representative reserves the right to prosecute the canceled claims in a later application.

Claims 18, 19, 25, 26, 36-37, 39-41, 45, 52, 54 and 55 have been amended to more clearly recite the invention.

Favorable reconsideration of the subject patent application is respectfully requested in view of the comments and amendments herein.

I.   **Rejection of Claims 18, 26, 36, 40, 41, and 45 Under 35 U.S.C. §101**

In conversation with the Examiner, independent claims 18, 26, 36, 40, 41, and 45 stand rejected under 35 U.S.C. §101 because the claimed invention lacks patentable utility. Withdrawal of this rejection is requested for at least the following reasons. The claims, as amended, produce a useful, concrete and tangible result.

10

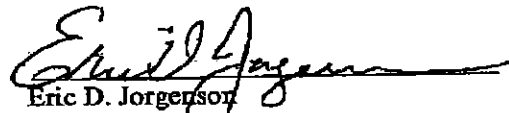10/732,744

<div align="right">**LEADP102USA**</div>

CONCLUSION

The present application is believed to be in condition for allowance in view of the above comments and amendments. A prompt action to such end is earnestly solicited.

In the event any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-3663 (LEADP102USA). Should the Examiner believe a telephone interview would be helpful to expedite favorable prosecution, the Examiner is invited to contact Applicants' undersigned representative at the telephone number below.

Respectfully submitted,

Eric D. Jorgenson
Reg. No. 46,002

Law Office of Eric D. Jorgenson, Esq.
1457 King Road
Hinckley, Ohio 44233
Telephone (216) 225-4169
Facsimile (330) 278-3135

11

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PTO/SB/30 (04-05)
Approved for use through 07/31/2006. OMB 0651-0031

JUN 2 1 2006

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Request for Continued Examination (RCE) Transmittal	Application Number	10/732,744
	Filing Date	12/10/2003
	First Named Inventor	Michael McKibben
Address to: Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Art Unit	2165
	Examiner Name	Diane Mizrahi
	Attorney Docket Number	LEADP102USA

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

     i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

     ii. ☐ Other _____

   b. ☑ Enclosed

     i. ☑ Amendment/Reply   iii. ☐ Information Disclosure Statement (IDS)

     ii. ☐ Affidavit(s)/ Declaration(s)   iv. ☐ Other _____

2. **Miscellaneous**

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☐ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. _____ . I have enclosed a duplicate copy of this sheet.

     i. ☑ RCE fee required under 37 CFR 1.17(e)

     ii. ☑ Extension of time fee (37 CFR 1.136 and 1.17)

     iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☑ Payment by credit card (Form PTO-2038 enclosed)

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.

Copy of Previously-Filed RCE Transmittal (watermark)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	_[signature]_	Date	May 5, 2006
Name (Print/Type)	Eric D. Jorgenson	Registration No.	46,002

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)	Eric D. Jorgenson	Date	May 5, 2006

This collection of information is required by 37 CFR 1.114. 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: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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

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LTI 000641

NOTICE OF ALLOWANCE AND FEE(S) DUE

57608	7590	08/30/2006

ERIC D. JORGENSON
1457 KING ROAD
HINCKLEY, OH 44233

EXAMINER
MIZRAHI, DIANE D

ART UNIT	PAPER NUMBER
2165	

DATE MAILED: 08/30/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/732,744	12/10/2003	Michael T. McKibben	LEADP102USA	6665

TITLE OF INVENTION: DYNAMIC ASSOCIATION OF ELECTRONICALLY STORED INFORMATION WITH ITERATIVE WORKFLOW CHANGES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$700	$300	$0	$1000	11/30/2006

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.

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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.

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: <u>Mail</u> Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

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

| 57608 | 7590 | 08/30/2006 |

ERIC D. JORGENSON
1457 KING ROAD
HINCKLEY, OH 44233

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.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/732,744	12/10/2003	Michael T. McKibben	LEADP102USA	6665

TITLE OF INVENTION: DYNAMIC ASSOCIATION OF ELECTRONICALLY STORED INFORMATION WITH ITERATIVE WORKFLOW CHANGES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$700	$300	$0	$1000	11/30/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
MIZRAHI, DIANE D	2165	707-100000

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

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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

1 _____

2 _____

3 _____

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

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

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

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

4a. The following fee(s) are submitted:
☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (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 _____   Date _____

Typed or printed name _____   Registration No. _____

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.   OMB 0651-0033   U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

LTI 000643

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/732,744	12/10/2003	Michael T. McKibben	LEADP102USA	6665

			EXAMINER

57608   7590   08/30/2006

ERIC D. JORGENSON
1457 KING ROAD
HINCKLEY, OH 44233

MIZRAHI, DIANE D

ART UNIT	PAPER NUMBER
2165	

DATE MAILED: 08/30/2006

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 0 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 0 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.

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

LTI 000644

	Application No.	Applicant(s)
Notice of Allowability	10/732,744	MCKIBBEN ET AL.
	Examiner	Art Unit
	DIANE D. MIZRAHI	2165

-- 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 *8-15-06*.

2. ☒ The allowed claim(s) is/are *18-26,28,29,31-41,45-49,51-57 and 59*.

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)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *8-15-06* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DIANE D. MIZRAHI
PRIMARY EXAMINER

LTI 000645

Claims 18-26, 28, 29, 31-41, 45-49, 51-57 and 59 are currently pending. Claims 1-17, 27, 30, 42-44, 50 and 58 have been cancelled.

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 Attorney Eric D. Jorgenson on August 15, 2006.

The application has been amended as follows:

Amendment to the Specification:

Delete paragraph (page 28) lines 1-9.

Amendment to the Claims:

Claims 1-17 (Cancelled)

18. (Currently Amended) A computer-implemented network-
based system that facilitates management of data, comprising:

a computer-implemented context component of the
network-based system for capturing context information
associated with user-defined data created by user interaction of
a user in a first context of the network-based system, the
context component dynamically storing the context information in
metadata associated with the user-defined data, the user-defined
data and metadata stored on a storage component of the network-
based system; and

a computer-implemented tracking component of the
network-based system for tracking a change of the user from the
first context to a second context of the network-based system
and dynamically ~~automatically~~ updating the stored metadata based
on the change, wherein the user accesses the data from the
second context.

19. (Previously presented) The system of claim 18, the
context component is associated with a workspace, which is a
collection of data and application functionality related to the
user-defined data.

20. (Previously Presented) The system of claim 18, the
context component is associated with a web, which web is a
collection of interrelated workspaces, the web maintains a
location of data of the respective interrelated workspaces when

one or more of the interrelated workspaces are moved into a different workspace interrelationship.

21. (Previously Presented)   The system of claim 18, the context information includes a relationship between the user and at least one of an application, application data, and user environment.

22. (Previously Presented)   The system of claim 18, the context component captures context information of the first context and context information related to at least one other context.

23. (Previously Presented)   The system of claim 22, the context information of the at least one other context is at least one of stipulated by the user and suggested automatically by the system based upon search and association criteria set by the user.

24. (Previously Presented)   The system of claim 18, wherein data created in the first context is associated with data created in the second context.

25. (Previously presented)   The system of claim 18, the context information is tagged to the user-defined data via the metadata when the user-defined data is created.

26. (Currently Amended) A computer-implemented method of managing data, comprising computer-executable acts of:

creating data within a user environment of a web-based computing platform via user interaction with the user environment by a user using an application, the data in the form of at least files and documents;

dynamically associating metadata with the data, the data and metadata stored on a storage component of the web-based computing platform, the metadata includes information related to the user, the data, the application, and the user environment;

tracking movement of the user from the user environment of the web-based computing platform to a second user environment of the web-based computing platform; and

<u>dynamically</u> updating the stored metadata with an association of <u>the data, the application, and the second user environment wherein</u> ~~at least one of the data and the application~~ ~~with the second user environment such that~~ the user employs ~~the~~ at least one of the application and the data from the second environment.

27. (Canceled)

28. (Original) The method of claim 26, further comprising capturing context information of the user.

29. (Previously Presented)   The method of claim 26, further comprising indexing content of the user environment such that a plurality of users can access the content from an associated plurality of user environments.

30. (Canceled)

31. (Original) The method of claim 26, the least one of the data and the application is associated automatically with the second user environment.

32. (Previously Presented)   The method of claim 26, further comprising accessing the user environment and the second user environment using a browser.

33. (Original) The method of claim 26, further comprising communicating with the user environment using a TCP/IP communication protocol.

34. (Original) The method of claim 26, further comprising locating the user environment from a remote location using a URL address.

35. (Original) The method of claim 26, further comprising accessing the user environment via a portable wireless device.

36. (Currently Amended)   A computer-implemented method of
managing data, comprising computer-executable acts of:

generating a plurality of user environments in a web-
based system;

ordering two or more of the plurality of user
environments according to different arrangements of the user
environments;

providing a plurality of applications for generating
and processing data in the user environments, ~~the~~ data of a user
environment is <u>dynamically</u> associated with the user environment
in metadata that corresponds to the data;

<u>creating an association of the data with a second user
environment when the data is accessed from the second user
environment;</u>

<u>dynamically storing the association of the data and
the second user environment in the metadata;</u>

storing in a storage component ordering information
related to the ordering of the two or more of the plurality of
user environments; and

traversing the different arrangements of the user
environments with one or more of the applications based on the
ordering information to locate the data associated <u>with the user
environments</u> ~~therewith~~.

37. (Previously presented)   The method of claim 36, the
act of traversing is performed using a webslice that includes
traversal information for locating the data associated with a
given user environment.

38. (Original) The method of claim 37, the traversal information includes at least a collection ID, a user environment ID, and a routing path to the location of the environment data.

39. (Previously presented)   The method of claim 36, the different arrangements, user environments, and associated data carry both hierarchical and non-hierarchical associations simultaneously within the plurality of applications.

40. (Previously presented)   A computer-readable medium
for storing computer-executable instructions for a method of
managing data, the method comprising:

creating data related to user interaction of a user
within a user workspace of a web-based computing platform using
an application;

dynamically associating metadata with the data, the
data and metadata stored on the web-based computing platform,
the metadata includes information related to the user of the
user workspace, to the data, to the application and to the user
workspace;

tracking movement of the user from the user workspace
to a second user workspace of the web-based computing platform;

dynamically associating the data and the application
with the second user workspace in the metadata such that the
user employs the application and data from the second user
workspace; and

indexing the data created in the user workspace such
that a plurality of different users can access the data via the
metadata from a corresponding plurality of different user
workspaces.

41. (Currently Amended) A computer-implemented system that facilitates management of data, comprising:

computer-implemented means for creating data by interaction of a user within a user workspace of a server using an application;

computer-implemented means for associating metadata with the data, the metadata stored in association with the data on storage means of the server, the metadata includes information related to a user of the user workspace, to the data, to the application and to the user workspace;

computer-implemented means for tracking movement of the user from the user workspace to a second user workspace of the server; and

computer-implemented means for dynamically associating the data and the application with the second user workspace in the metadata such that the user can employ the application and data from the second user workspace.

Claims 42-44 (Cancelled)

45. (Currently Amended) A computer-implemented system that
facilitates management of data, comprising:

a computer-implemented context component of a web-
based server for defining a first user workspace of the web-
based server, assigning one or more applications to the first
user workspace, capturing context data associated with user
interaction of a user while in the first user workspace, and for
dynamically storing the context data as metadata on a storage
component of the web-based server, which metadata is dynamically
associated with data created in the first user workspace; and

a computer-implemented tracking component of the web-
based server for tracking change information associated with a
change in access of the user from the first user workspace to a
second user workspace, and dynamically storing the change
information on the storage component as part of the metadata,
wherein the user accesses the data from the second user
workspace.

46. (Previously Presented)   The system of claim 45,
wherein the tracking component automatically creates the
metadata when the user accesses the first user workspace.

47. (Previously Presented)   The system of claim 45,
wherein the context component captures relationship data
associated with a relationship between the first user workspace
and at least one other user workspace.

48. (Previously Presented)   The system of claim 45,
wherein an application associated with the first user workspace
is automatically accessible via the second user workspace when
the user moves from the first user workspace to the second user
workspace.

49. (Previously Presented)   The system of claim 45,
wherein context data relating to an item of communication is
automatically stored and used in performance of communication
tasks.

50. (Canceled)

51. (Previously Presented)   The system of claim 45,
wherein the context component captures data and application
functionality related to a user-defined topic of the first user
workspace, and includes the data and application functionality
in the metadata.

52. (Currently Amended) The system of claim 45, wherein
when the data created in the first user workspace is accessed
from [[a]] the second user workspace, in response to which the
context component adds information to the metadata about the
second user workspace.

53. (Previously Presented)   The system of claim 45,
wherein the first user workspace is associated with a plurality
of different applications, the plurality of different
applications comprising telephony, unified messaging, decision
support, document management, portals, chat, collaboration,
search, vote, relationship management, calendar, personal
information management, profiling, directory management,
executive information systems, dashboards, cockpits, tasking,
meeting and, web and video conferencing.

54. (Previously presented)   The system of claim 45,
wherein the storage component stores the data and the metadata
according to at least one of a relational and an object storage
methodology.

55. (Previously presented)   The system of claim 45,
wherein storing of the metadata in the storage component in
association with data facilitates many-to-many functionality of
the data via the metadata.

56. (Previously Presented)   The system of claim 45,
wherein the first user workspace provides access to at least one
communications tool, which includes e-mail, voicemail, fax,
teleconferencing, instant message, chat, contacts, calendar,
task, notes, news, ideas, vote, web and video conferencing, and
document sharing functionality.

57. (Previously Presented)   The system of claim 45,
wherein one or more applications include file storage pointers
that are dynamic and associated with the first user workspace.

58. (Canceled)

59. (Previously Presented)   The system of claim 45,
wherein the context component facilitates encryption of the data
generated in the first user workspace.

Comments

The date on which the petition under 37 CFR 1.136(a) and

the appropriate extension fee have been filed is the date for

purposes of determining the period of extension and the

corresponding amount of the fee. In no case may an applicant

reply outside the SIX (6) MONTH statutory period or obtain an

extension for more than FIVE (5) MONTHS beyond the date for

reply set forth in an Office action. A fully responsive reply

must be timely filed to avoid abandonment of this application.

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."

As allowable subject matter has been indicated, Applicant's response
must either comply with all formal requirements or specifically traverse each
requirement not complied with. See 37 CRF 1.111(b) and MPEP section
707.07(a).