

EXHIBIT 4- PART 4

10/732,744LEADP102USA

(6) Please replace the paragraph on page 20, beginning at line 18 with the following paragraph:

The system 1200 captures and catalogs data automatically. Users, projects, permissions and communication tools can be readily configured, along with the exchange of voice [[voce]] information, data, and video data, [[data]] seamlessly. As users collaborate, the system 1200 captures context information, and automatically records when and how data is shared, who updated the data, how often the data was accessed [[accesses]], what additional information the data was linked to, etc. Meeting information can be stored automatically, including, but not limited to, who attended, the documents shared, instant messages captured, handouts used, slides [[slide]] presented, etc. A later search can retrieve this information along with the context(s) within which the data was generated and used.

(7) Please replace the paragraph on page 23, beginning at line 27 and extending over to page 24, with the following paragraph:

When the Email-Inbox sub-option is selected, the center viewing area 1510 is used to present the user's messaging inbox folders. The user can then open these folders to view the e-mail, voice mail and fax messages stored therein. The center viewing area 1510 also includes a drop-down menu 1602 that allows the user to select from [[form]] a variety of different folders (e.g., Main, Drafts) of the e-mail system. The user can also create and sign messages with a digital signature.

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(8) Please replace the paragraph on page 24, beginning at line 19 with the following paragraph:

The center viewing area 1510 presents general board attributes 1702 of the user (e.g., user name, data, and time), and several fields for entering user information, including in this implementation, but not limited to, board description, board name, board nickname, board e-mail address, external e-mail properties (e.g., POP server, user name, and [[an]] password), fax information (e.g., incoming fax number for the board and incoming fax PIN), and voice mail information (e.g., incoming voice mail number and incoming voice mail PIN).

(9) Please replace the paragraph on page 25, beginning at line 8 with the following paragraph:

Referring now to FIG. 19, there is illustrated a screenshot of a management tool window 1900 of a browser used as a user interface to facilitate user interaction with a files option in accordance with the present invention. The window 1900 includes many of the same fields and informational areas of the previous windows (e.g., areas 1502, 1504, 1506, and 1508 of window 1500 of FIG. 15). Here, the sub-options include List, Upload, Deleted, and Check In. Thus, data can at least be listed, uploaded to the system and/or a board, deleted from [[form]] the system and/or board, and checked in from a previous checkout process.

(10) Please replace the paragraph on page 29, beginning at line 30, and extending over to page 30, with the following paragraph:

A monitor 2144 or other type of display device is also connected to the system bus 2108 *via* an interface, such as a video adapter 2146. In addition to the monitor 2144, a computer typically includes other peripheral output devices (not shown), such as speakers, printers, [[printers]] etc.

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(11) Please replace the paragraph beginning on page 31 at line 5 with the following paragraph:

Wi-Fi, or Wireless Fidelity, allows connection to the Internet from a couch at home, a bed in a hotel room or a conference room at work, without wires. Wi-Fi is a wireless technology like a cell phone that enables such devices, e.g., computers, to send and receive data indoors and out, and anywhere within the range of a base station. Wi-Fi networks use radio technologies called IEEE 802.11 (a, b, g, etc.) to provide secure, reliable, fast wireless connectivity. A Wi-Fi network can be used to connect computers to each other, to the Internet, and to wired networks (which use IEEE 802.3 or Ethernet). Wi-Fi networks operate in the unlicensed 2.4 and 5 GHz radio bands, with an 11 Mbps ~~(802.11a)~~ ~~(802.11b)~~ or 54 Mbps ~~(802.11b)~~ ~~(802.11a)~~ data rate or with products that contain both bands (dual band), so the networks can provide real-world performance similar to the basic 10BaseT wired Ethernet networks used in many offices.

(12) Please replace the Abstract with the following paragraph:

ABSTRACT OF THE DISCLOSURE

A data management tool. The tool is ~~[[tool]]~~ a unified, horizontal system for communications, organization, information processing, and data storage. The tool operates seamlessly with existing platforms, and is a common workflow layer that is automated with a scalable, relational database. The tool uses one or both of a relational and object database engine that facilitates at least many-to-many relationships among data elements. The highest contextual assumption is that there exists an entity that consists of one or more users. The data storage model first assumes that files are associated with the user. Thus, data generated by applications is associated with an individual, group of individuals, and topical content, and not simply with a folder, as in traditional systems.


10/732,744LEADP102USA**REMARKS**

The specification has been amended to correct minor informalities. No new matter has been added.

In the event any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-1063 (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 listed below.

Respectfully submitted,

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PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number

LEAD 8102 US A
101732744

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 <input type="checkbox"/>		

* 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	OR	RATE	FEE
BASIC FEE	385.00		BASIC FEE	770.00
X\$ 9=	216		X\$18=	
X43=	132		X86=	344
+145=			+290=	
TOTAL		OR	TOTAL	773

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	* 44 Minus ** 44	= X
	Independent	* 7 Minus *** 7	= X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE	OR	RATE	ADDITIONAL FEE
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	* Minus **	=
	Independent	* Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE	OR	RATE	ADDITIONAL FEE
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	* Minus **	=
	Independent	* Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE	OR	RATE	ADDITIONAL FEE
X\$ 9=			X\$18=	
X43=			X86=	
+145=			+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.

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<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L6</u>	L5 and ID	10	<u>L6</u>
<u>L5</u>	L4 and browser	17	<u>L5</u>
<u>L4</u>	L3 and e-mail	21	<u>L4</u>
<u>L3</u>	L2 and web	39	<u>L3</u>
<u>L2</u>	L1 and wireless	58	<u>L2</u>
<u>L1</u>	user adj collaboration	168	<u>L1</u>

END OF SEARCH HISTORY



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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
	7590 06/03/2005		EXAMINER	
Amin & Turocy, LLP National City Center 24th Floor 1900 E. 9th Street Cleveland, OH 44114			MIZRAHI, DIANE D	
			ART UNIT	PAPER NUMBER
			2165	

DATE MAILED: 06/03/2005

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

Office Action Summary	Application No. 10/732,744	Applicant(s) MCKIBBEN ET AL.	
	Examiner DIANE D. MIZRAHI	Art Unit 2165	

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on ____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-44 is/are pending in the application.
4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) Claim(s) ____ is/are allowed.
- 6) Claim(s) 1-44 is/are rejected.
- 7) Claim(s) ____ is/are objected to.
- 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 10 December 2003 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. ____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10-25-04; 1-19-05
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: ____

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III. DETAILED ACTION

Claims 1-44 are presented for examination.

Specification

The disclosure is objected to because of the following informalities: Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. as follows: there is missing information such as application number and filing date for the following (see specification) for example page 1, lines 5-12. The specification should be completely checked for missing information and corrected. Appropriate action is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

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

Claims 5 and 37 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Examiner is unclear as to what Applicant meant by "substantially" (claim 5, line 2) and "webslice" (claim 37, line 2). For purposes of examination, Examiner will interpret "webslice" as the web. Clarification is required.

Claim Rejections - 35 USC 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter or any new and useful improvement thereof, may obtain a patent therefore, subject to the conditions and requirements of this title.

Claims 1-6, 8-11, 13-15, 17-31, 36-39, and 41 are rejected under 35 U.S.C. 101 because the claims are directed to a non-statutory subject matter, specifically, directed towards an abstract idea.

The Supreme Court has repeatedly held that abstractions are not patentable. "An idea of itself is not patentable". Rubber-Tip Pencil Co. V. Howard, 20 Wall. 498, 07. Phenomena of nature, though just discovered, mental processes, abstract intellectual concepts are not patentable, as they are the basic tools of scientific and technological work Gottschalk v. Benson, 175 USPQ 673, 675 (S Ct 1972). It is a common place that laws of nature, physical phenomena, and abstract ideas are not

Art Unit: 2165

patentable subject matter Parker v. Flook, 197 USPQ 193, 201 (S Ct 1978). A process that consists solely of the manipulation of an abstract idea is not concrete or tangible. See *In re Warmerdam*, 33 F.3d 1354, 1360, 31 USPQ2d 1754, 1759 (Fed. Cir. 1994). See also *Schrader*, 22 F.3d at 295, 30 USPQ2d at 1459.

Claims 1-6, 8-11, 13-15, 17-31, 36-39, and 41 represent an abstract idea that do not provide a practical application in the technological arts. There is no manipulation of data nor is there any transformation of data from one state to another state being performed in "A system that facilitates the management of data" and "A method that facilitates the management of data". Actually, no post-computer process activity is found in the technological arts. "A system that facilitates the management of data" and "A method that facilitates the management of data" is not a physical transformation. Thus, no physical transformation is performed, no practical application is found. Also, the claims do not appear to correspond to a specific machine or manufacture disclosed within the specification and thus encompass any product of the class configured in any manner to perform the underlying process. Consequently, the claims are analyzed based upon the underlying process, and are thus rejected as being directed.

Examiner's Remarks

Examiner requires that Applicant include "a computer-implemented..." in Applicant's preamble of the claims. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-44 are rejected under 35 U.S.C. 102(e) as being anticipated by Samuel J. McKelvie et al. (Pub. No. 2003/0217096 A1 and McKelvie hereinafter).

Regarding Claims 1 and 26, McKelvie teaches system that facilitates the management of data [0037], comprising a unified horizontal data management tool for at least many-to-many

functionality [0101], the tool facilitating data communications [0031], data organization, data processing, and data storage [0101].

Regarding Claim 2., McKelvie teaches data management system structures data according to a user who generated the data [0061].

Regarding Claim 3, McKelvie teaches the data management system structures data according to the context in which the data was generated [0003].

Regarding Claim 4, McKelvie teaches the tool provides links to enterprise leadership priorities [0005][0008].

Regarding Claim 5, McKelvie teaches the tool performs communications tasks substantially simultaneously with reminding a user associated work priorities [0001][0080].

Regarding Claim 6, McKelvie teaches the tool automatically stores contextual information [0033] relating to an item of communication and utilizes that contextual information in performance of communication tasks [0104].

Regarding Claim 7, McKelvie teaches the tool integrates two or more different applications into a common application, the 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[0108] [0041].

Regarding Claim 8, McKelvie teaches defines relationships between and among complex collections of data [0129].

Regarding Claim 9, McKelvie teaches the tool automates workflow between and among multiple entities [0035].

Regarding Claim 10, McKelvie teaches the tool facilitates data storage using at least one of relational and object storage methodologies [0041].

Regarding Claim 11, McKelvie the tool facilitates collaboration among a plurality of users across a plurality of projects, the tool dynamically assigns at least one

communications tool to at least one of the plurality of projects (Figure 3).

Regarding Claim 12, McKelvie teaches at least one communications tool includes one or more of e-mail, voicemail, fax, teleconferencing, instant message, chat, contacts, calendar, task, notes, news, ideas, vote, web and video conferencing, and document sharing [0104].

Regarding Claim 13, McKelvie teaches the tool includes a plurality of applications, wherein at least one of the plurality of applications includes file storage pointers that are dynamic, and associated initially with a board within which the at least one application is launched [0370].

Regarding Claim 14, McKelvie teaches, the board storage pointers can be acted upon from another board by the same application (Figure 3).

Regarding Claim 15, McKelvie teaches a computer [0010].

Regarding Claim 16, McKelvie teaches computer executable [0061].

Regarding Claim 17, McKelvie teaches data storage is encrypted [0096].

Regarding Claim 18, McKelvie teaches ... tracking component that tracks a change of the user from the first context to a second context, and automatically associates at least a portion of the context information with the second context [0407] [0132].

Regarding Claim 19, McKelvie teaches ... collection of data and application functionality related to a user-defined topic [0073].

Regarding Claim 20, McKelvie teaches a web [0040] that is a collection of interrelated boards, the web maintains the location of data of the respective boards when one or more of the interrelated boards are moved into a different board interrelationship, whether within the web or to another web ...[00056] [0132] .

Regarding Claim 21, McKelvie teaches the context information includes a relationship between a user and at least

one of an application, application data, and user environment
[0129].

Regarding Claim 22, McKelvie teaches the context
component captures context information of the first context and
context information related to one or more other contexts
[0040].

Regarding Claim 23, McKelvie teaches the context
information of the one or more other contexts is at least one of
stipulated by the user, and suggested automatically by the
system based upon various search and association criteria set by
the user [0040].

Regarding Claim 24, McKelvie teaches data created in the
first context can be associated with data created in the second
context [0002][0101].

Regarding Claim 25, McKelvie teaches context information
is tagged to data when the data is created [0045].

Regarding Claims 27-31, these claims are similar in scope

to the rejected claims above and are therefore rejected as set forth above.

Regarding Claim 32, McKelvie using a browser [0079].

Regarding Claim 33, McKelvie TCP/IP communication protocol [0049].

Regarding Claim 34, McKelvie teaches a URL address [0407].

Regarding Claim 35, McKelvie teaches a portable wireless device [0073].

Regarding Claim 36, McKelvie teaches providing a plurality of user environments ... traversing the collections of the user environments with one or more of the applications to locate the data associated ... [0040].

Regarding Claim 37, McKelvie teaches webslice that includes traversal information for locating the data associated with a given user environment [0040].

Regarding Claim 38, McKelvie teaches ... a collection ID , a user environment ID, and a routing path to the location of the environment data [0096][0306] .

Regarding Claim 39, McKelvie teaches data carry both hierarchical and non-hierarchical associations simultaneously within the applications (Figure 3).

Regarding Claims 40-41, these limitations of this claim is similar in scope to the rejected claims above. In addition, McKelvie tracking movement of the user from the user environment to a second user environment; and associating at least one of the data and the application with the second user environment such that the user can employ the application and data from the second environment [0117].

Regarding Claims 42-43, McKelvie teaches ... user interface [0077].

Regarding Claim 44, McKelvie teaches the data management information includes... an interface for accessing an application that facilitates at least one of 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 [0077] [0368].

Other Prior Art Made of Record

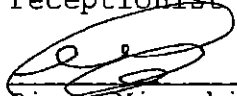
The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure. U.S. patents and U.S. patent application publications will not be supplied with Office actions. Examiners advises the Applicant that the cited U.S. patents and patent application publications are available for download via the Office's PAIR. As an alternate source, all U.S. patents and patent application publications are available on the USPTO web site (www.uspto.gov), from the Office of Public Records and from commercial sources. For the use of the Office's PAIR system, Applicants may refer to the Electronic Business Center (EBC) at <http://www.uspto.gov/ebc/index.html> or 1-866-217-9197.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diane D. Mizrahi whose telephone number is 571-272-4079. The examiner can normally be reached on Monday-Thursday.

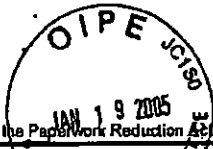
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on (571) 272-4083. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 305-3900 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



Diane Mizrahi
Primary Patent Examiner
Technology Center 2100

May 30, 2005



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.

Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/732,744
Sheet <u>1</u> of <u>2</u>		Filing Date	December 10, 2003
		First Named Inventor	Michael T. McKibben, et al.
		Art Unit	2171
		Examiner Name	
		Attorney Docket Number	LEADP102USA

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2002/0001301 A1	01-03-2002	Sarkissian, et al.	
		US- 6,418,461 B1	07-09-2002	Barnhouse, et al.	
		US- 6,236,971 B1	05-22-2001	Stefik, et al.	
		US- 2003/0069849 A1	04-10-2003	Stefik, et al.	
		US- 6,154,465	11-28-2000	Pickett	
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FOREIGN PATENT DOCUMENTS							
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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	DIANE D. MIZRAHI PRIMARY PATENT EXAMINER	Date Considered	5/20/05
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*EXAMINER: Initial if reference is considered pertinent or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. 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 2 hours 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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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Complete if Known	
	Application Number	10/732,744
	Filing Date	December 10, 2003
	First Named Inventor	Michael T. McKibben
	Art Unit	2171
	Examiner Name	
Attorney Docket Number	0308-5002/P-US/LEADP102USA	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,539,371 B1	03-25-2003	Bleizeffer, et al.	
		US- 6,311,228 B1	10-30-2001	Ray	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	 DAVID MIZRAHI PRIMARY PATENT EXAMINER TECHNOLOGY CENTER	Date Considered	5/30/05
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*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. 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 2 hours 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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Notice of References Cited	Application/Control No. 10/732,744	Applicant(s)/Patent Under Reexamination MCKIBBEN ET AL.	
	Examiner DIANE D. MIZRAHI	Art Unit 2165	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-2003/0217096 A1	11-2003	McKelvie et al.	709/202
B	US-2002/0078150 A1	06-2002	Thompson et al.	709/204
C	US-2002/0143877 A1	10-2002	Hackbarth et al.	709/205
D	US-			
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H	US-			
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FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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NON-PATENT DOCUMENTS

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

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

Index of Claims



Application/Control No.

10/732,744

Examiner

DIANE D. MIZRAHI

Applicant(s)/Patent under Reexamination

MCKIBBEN ET AL.

Art Unit

2165

✓	Rejected
=	Allowed

-	(Through numeral) Cancelled
+	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim		Date			
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Bib Data Sheet

CONFIRMATION NO. 6665

SERIAL NUMBER 10/732,744	FILING DATE 12/10/2003 RULE	CLASS 707	GROUP ART UNIT 2165	ATTORNEY DOCKET NO. LEADP102USA
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APPLICANTS

Michael T. McKibben, Columbus, OH;

Jeffrey R. Lamb, Westerville, OH;

** CONTINUING DATA *Over*

This appln claims benefit of 60/432,255 12/11/2002

** FOREIGN APPLICATIONS *None*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

** 03/16/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY OH	SHEETS DRAWING 18	TOTAL CLAIMS 44	INDEPENDENT CLAIMS 7
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 <i>[Signature]</i> Initials				

ADDRESS

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

TITLE

Dynamic association of electronically stored information with iterative workflow changes

FILING FEE	RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
			<input type="checkbox"/> 1.16 Fees (Filing)
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REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/732,744
	Filing Date	December 10, 2003
	First Named Inventor	Michael T. McKibben
	Art Unit	2165
	Examiner Name	Diane D. Mizrahi
	Attorney Docket Number	LEADP102USA

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please withdraw me as attorney or agent for the above identified patent application, and

- all the attorneys/agents of record.
- the attorneys/agents (with registration numbers) listed on the attached paper(s), or
- the attorneys/agents associated with Customer Number

NOTE: This box can only be checked when the power of attorney of record in the application is to all the practitioners associated with a customer number.

The reasons for this request are:

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CORRESPONDENCE ADDRESS

- 1. The correspondence address is NOT affected by this withdrawal.
 - 2. Change the correspondence address and direct all future correspondence to:
- The address associated with Customer Number:

OR

<input checked="" type="checkbox"/>	Firm or Individual Name	Michael T. McKibben		
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City		Westerville	State OH	Zip 43081
Country		USA		
Telephone		(614) 890-1986	Email	
Signature				
Name		Eric D. Jorgenson	Registration No.	46,002
Date		August 2, 2005	Telephone No.	(216) 696-8730

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10/732,744

LEADP102USA

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PTO/SB/83 (04-05)

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REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/732,744
	Filing Date	December 10, 2003
	First Named Inventor	Michael T. McKibben
	Art Unit	2165
	Examiner Name	Diane D. Mizrahi
	Attorney Docket Number	LEADPI02USA

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The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Michael T. McKibben		
Address	Leader Technologies 921 Eastwind Drive, Suite 118		
City	Westerville	State OH	Zip 43081
Country	USA		
Telephone	(614) 890-1986	Email	
Signature			
Name	Eric D. Jorgenson	Registration No.	46,002
Date	August 2, 2005	Telephone No.	(216) 696-8730

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10/732,744

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PATENT

LEADP102USA

11-04-05

CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited in the United States Postal Service on the date shown below in an envelope as "Express Mail Post Office to Addressee" having mailing label number ED311647709US addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: 11/03/05

Eric D. Jorgenson



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

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

Examiner: Diane Mizrahi

Serial No: 10/732,744

Art Unit: 2165

Filing Date: December 10, 2003

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**

REPLY TO OFFICE ACTION DATED JUNE 3, 2005

Dear Sir:

Favorable reconsideration of the above-identified patent application is respectfully requested in view of the amendments and comments below. A Credit Card Payment Form in the amount of \$225 for a small entity extension fee of two months accompanies this Reply.

11/07/2005 CNGUYEN 00000085 10732744

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AMENDMENTS TO THE SPECIFICATION

- (1) Please change the CROSS-REFERENCE TO RELATED APPLICATIONS statement according to following amendments:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of priority under 35 U.S.C. § 119(e) from U.S. Provisional Patent application Serial No. 60/432,255 entitled "METHOD FOR DYNAMIC ASSOCIATION OF ELECTRONICALLY STORED INFORMATION WITH ITERATIVE WORKFLOW CHANGES", filed December 11, 2002; and is related to co-pending U.S. Patent Application Serial Ser. No. [[_____]] (Atty Dkt. No. LEADP101USA) 10/731,906 entitled "CONTEXT INSTANTIATED APPLICATION PROTOCOL" filed on December 10, 2003.

AMENDMENTS TO THE CLAIMS

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

1. (Currently Amended) A computer-implemented system that facilitates the management of data, comprising a unified computer-implemented horizontal data management tool for at least many-to-many user functionality, the tool facilitating data communications, data organization, data processing, and data storage, the data management tool facilitates collaboration among a plurality of users across a plurality of projects, and dynamically assigns at least one communications tool to at least one of the plurality of projects.

2. (Original) The system of claim 1, the data management system structures data according to a user who generated the data.

3. (Currently Amended) The system of claim 1, the data management system structures data according to a ~~the~~ context in which the data is ~~was~~ generated.

4. (Currently Amended) The system of claim 1, the data management tool provides links to enterprise leadership priorities.

5. (Currently Amended) The system of claim 1, the data management tool performs communications tasks concurrently ~~substantially simultaneously~~ with reminding a user of associated work priorities.

6. (Currently Amended) The system of claim 1, the data management tool automatically stores contextual information relating to an item of communication and utilizes the ~~that~~ contextual information in performance of communication tasks.

7. (Currently Amended) The system of claim 1, the data management tool integrates three ~~[[two]]~~ or more different applications into a common application environment, the 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.

8. (Currently Amended) The system of claim 1, the data management tool provides a structure that defines relationships between and among complex collections of data.

9. (Currently Amended) The system of claim 1, the data management tool automates workflow between and among multiple entities.

10. (Currently Amended) The system of claim 1, the data management tool facilitates data storage using at least one of relational and object storage methodologies.

11. (Canceled)

12. (Currently Amended) The system of claim 1 ~~[[11]]~~, the at least one communications tool includes one or more of e-mail, voicemail, fax, teleconferencing, instant message, chat, contacts, calendar, task, notes, news, ideas, vote, web and video conferencing, and document sharing.

13. (Currently Amended) The system of claim 1, the data management tool includes a plurality of applications, wherein at least one of the plurality of applications includes file storage pointers that are dynamic, and associated initially with a board within which the at least one application is launched.

14. (Currently Amended) The system of claim 13, the file board storage pointers of the board can be acted upon from another board by the least one of the plurality of applications ~~same application~~.

15. (Original) A computer employing the system of claim 1.

16. (Currently Amended) A ~~computer-readable~~ computer-readable medium having stored thereon ~~computer-executable~~ computer-executable instructions for carrying out the system of claim 1.

17. (Currently Amended) The system of claim 1, the data management tool facilitates an encrypted environment wherein at least one of the data communications and the data storage is encrypted.

18. (Currently Amended) A computer-implemented system that facilitates [[the]] management of data, comprising:
a computer-implemented context component that captures context information associated with a user-defined topic of a user in a first context; and
a computer-implemented tracking component that tracks a change of the user from the first context to a second context, and automatically associates at least a portion of the context information with the second context.

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

20. (Original) The system of claim 18, the context component is associated with a web that is a collection of interrelated boards, the web maintains the location of data of the respective boards when one or more of the interrelated boards are moved into a different board interrelationship, whether within the web or to another web.