

# EXHIBIT 9

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF DELAWARE**

LEADER TECHNOLOGIES, INC., a  
Delaware corporation,

Plaintiff-Counterdefendant,

v.

FACEBOOK, INC., a Delaware corporation,

Defendant-Counterclaimant.

Civil Action No. 08-862-JJF/LPS

**DEFENDANT FACEBOOK, INC.'S  
RESPONSES TO  
PLAINTIFF LEADER TECHNOLOGIES,  
INC.'S FOURTH SET OF  
INTERROGATORIES**

**PROPOUNDING PARTY: LEADER TECHNOLOGIES, INC.**

**RESPONDING PARTY: FACEBOOK, INC.**

**SET NUMBER: FOURTH (4)**

Pursuant to Federal Rules of Civil Procedure 33, defendant and counterclaimant FACEBOOK, INC. hereby submits the following objections and responses to LEADER TECHNOLOGIES, INC.'s ("LTP") Third Set of Interrogatories (Nos. 18). The responses contained herein are based on information reasonably available to Facebook as of the date of the response. Facebook's investigation is continuing and ongoing and Facebook expressly reserves the right to revise and/or supplement these responses.

**I. GENERAL OBJECTIONS.**

The following General Objections apply to each interrogatory and are hereby incorporated by reference into the individual response to each request, and shall have the same force and effect as if fully set forth in the individual response to each interrogatory.

1. Facebook objects to each interrogatory to the extent it purports to require Facebook to do anything beyond what is required by the Federal Rules of Civil Procedure, the Local Rules of this Court, and other applicable law.

2. Facebook objects to Plaintiff's "Instructions" to the extent they seek to impose

obligations beyond those permitted by the Federal Rules of Civil Procedure, the Local Rules of Court, or other applicable law.

3. Facebook objects to each interrogatory to the extent it seeks information protected by the attorney-client privilege, the attorney work-product doctrine, and/or any other applicable privilege or immunity.

4. Facebook objects to each interrogatory to the extent it is phrased in a manner that would render it overly broad, vague or ambiguous, or would require subjective judgment or speculation on the part of Facebook. Facebook responds to these requests by construing them in light of the scope of the issues in this action.

5. Facebook objects to each interrogatory to the extent it seeks to elicit information that is subject to a right of privacy under the relevant provisions of federal and state law.

6. Facebook objects to each request to the extent it seeks to elicit third-party confidential information.

7. Facebook objects to each interrogatory to the extent it purports to place an obligation on Facebook to obtain information that is as readily available to Plaintiff as it is to Facebook.

8. Facebook objects to each interrogatory to the extent it calls for information not in the possession, custody or control of Facebook.

9. Facebook objects to each interrogatory to the extent it seeks privileged information originating on or subsequent to the commencement of this lawsuit. Given the burden and expense to Facebook involved in creating a privilege log in accordance with Instruction C, Facebook objects to logging information originating on or subsequent to the commencement of the lawsuit.

10. Facebook objects to each interrogatory to the extent it is not properly limited in time and/or improperly attempts to capture information, if any, created prior to issuance of the '761 patent.

## **II. SPECIFIC OBJECTION AND RESPONSES.**

### **INTERROGATORY NO. 18:**

For Facebook's contention that each of Leader's asserted claims are invalid because they lack novelty and/or are obvious under 35 U.S.C. §§ 102 and 103, provide a chart or charts that specifically identify where each limitation of each asserted claim of the '761 patent is found in each and every prior art reference upon which Facebook intends to rely and a complete description of why and how each limitation of each claim is allegedly anticipated and/or rendered obvious by such prior art.

### **RESPONSE TO INTERROGATORY NO. 18:**

Facebook incorporates each of its General Objections herein by reference. Facebook further objects to this Interrogatory to the extent it calls for expert testimony or legal conclusions. Expert discovery has not commenced in this action. This Response is without prejudice to Facebook's right to designate one or more fact or expert witnesses in accordance with the Court's scheduling order, and to offer testimony from them to explain the prior art references cited in this response and further elucidate the bases of Facebook's contentions that that art renders the asserted claims of the '761 patent are invalid under 35 U.S.C. §§ 102, 103. Facebook's search for prior art is ongoing and Facebook reserves its right to supplement this response in the event additional prior art is located. Facebook further reserves its right to supplement its Response to this Interrogatory following the exchange of claim construction contentions and/or a claim construction ruling in this case.

Facebook objects to this Interrogatory to the extent it calls for information pertaining to claims of the '761 patent that have not properly been asserted in this litigation. In particular, LTI's further supplemental response to Facebook Interrogatory No. 1 (dated October 28, 2009) improperly attempted to add several claims to this litigation that were never previously asserted,

including without limitation an additional independent claim. Facebook is currently meeting and conferring with LTI regarding these additional claims and whether they will remain in this litigation. Facebook has not had an opportunity to fully analyze the invalidity of many of these new claims or to undertake a prior art search as to them. Facebook therefore reserves its right to supplement its response to this Interrogatory to address those claims in the event they are deemed to be part of this litigation.

Subject to and without waiving its objections, Facebook responds as follows:

The prior art references listed below render one or more of the asserted claims of the '761 patent invalid due to lack novelty and/or obviousness under 35 U.S.C. §§ 102 and 103:

- U.S. Patent No. 7,366,990 to Satyan G. Pitroda, entitled "Method and System for Managing User Activities and Information Using a Customized Computer Interface," filed on Jan. 19, 2001 and granted on Apr. 29, 2008 ("Pitroda '990")
- U.S. Patent No. 6,236,994 to Ronald M. Swartz et al., entitled "Method and Apparatus for the Integration of Information and Knowledge," filed on Jun. 29, 1998 and granted on May 22, 2001 ("Swartz '994")
- U.S. Patent No. 6,370,538 to John O. Lamping et al., entitled "Direct Manipulation Interface for Document Properties," filed on Nov. 22, 1999 and granted on Apr. 9, 2002 ("Lamping '538")
- U.S. Patent No. 6,308,179 to Karin Petersen et al., entitled "User Level Controlled Mechanism Inter-Positioned in a Read/Write Path of a Property-Based Document Management System," filed on Aug. 31, 1998 and granted on Oct. 23, 2001 ("Petersen '538")
- U.S. Patent No. 6,941,313 to Robert Seliger et al., entitled "Context Management with Audit Capability," filed on Dec. 11, 2001 and granted on Sep. 6, 2005 ("Seliger '313")
- U.S. Patent No. 7,346,648 to Robert Seliger, entitled "Context Management Server Appliance," filed on May 30, 2000 and granted on Mar. 18, 2008 ("Seliger '648")
- U.S. Patent No. 5,731,813 to Thomas C. O'Rourke et al., entitled "Graphical User Interface for Graphically Representing, Organizing, and Selecting Application Programs and Documents," filed on Jun. 6, 1994 and granted on Mar. 24, 1998 ("O'Rourke '813")

- U.S. Patent Application No. 10/017,181 to L. Michael Maritzen et al., entitled “Consumer-Centric Context-Aware Switching Model,” filed on Dec. 7, 2001 (“Maritzen ’181”)
- U.S. Patent No. 6,256,032 to Harlan M. Hugh, entitled “Method and Apparatus for Organizing and Processing Information Using a Digital Computer,” filed on Jan. 19, 2000 and granted on Jul. 3, 2001 (“Hugh ’032”)
- U.S. Patent Application No. 09/899,534 to Charles English Henderson et al., entitled “Method and System for Collaborative Knowledge Management,” filed on Jul. 6, 2001 (“Henderson ’534”)
- U.S. Patent No. 7,275,220 to Tony Brummel et al., entitled “System and Method for a Seamless User Interface for an Integrated Electronic Health Care Information System,” filed on Dec. 5, 2001 and granted on Sep. 25, 2007 (“Brummel ’220”)
- U.S. Patent No. 7,343,365 to Shelly D. Farnham et al., entitled “Computer System Architecture for Automatic Context Associations,” filed on Jun. 28, 2002 and granted on Mar. 11, 2008 (“Farnham ’365”)
- U.S. Patent No. 6,691,118 to R. Scott Gongwer et al., entitled “Context Management System for Modular Software Architecture,” filed on Oct. 31, 1997 and granted on Feb. 10, 2004 (“Gongwer ’118”)
- Eva Schroeter and Jon D. Patrick, “An Application Interface with Multiple Works: The Context Switcher,” Computer-Human Interaction – Australian conference, 6<sup>th</sup> OZCHI Proceedings (1996), pp. 318-19 (“Schroeter”).
- U.S. Patent No. 7,206,791 to John R. Hind et al., entitled “System and Method for Managing and Securing Meta Data,” filed on Jan. 17, 2002 and granted on Apr. 17, 2007 (“Hind ’791”)
- U.S. Patent No. 7,483,908 to Robert Seliger et al., entitled “Context Management with Audit Capability,” filed on Mar. 4, 2005 and granted on Jan. 27, 2009 (“Seliger ’908”)
- U.S. Patent No. 7,231,596 to Dov Koren, entitled “Collaborative, Fault-Tolerant, Scaleable, Flexible, Interactive Real-Time Display and Processing Method and Apparatus,” filed on Nov. 29, 2001 and granted on Jun. 12, 2007 (“Koren ’596”)
- U.S. Patent No. 6,990,513 to Joseph Belifore et al., entitled “Distributed Computing Services Platform,” filed on Jun. 22, 2001 and granted on Jun. 24, 2006 (“Belifore ’513”)

- U.S. Patent No. 6,917,938 to Gabriel O. Shea et al., entitled “Collaborative Context Information Management System,” filed on May 4, 2002 and granted on Jun. 12, 2005 (“Shea ’938”)
- U.S. Patent No. 6,873,990 to Daniel A. Oblinger, entitled “Customer Self-Service Subsystem for Context Cluster Discovery and Validation,” filed on Feb. 7, 2001 and granted on Mar. 29, 2005 (“Oblinger ’990”)
- U.S. Patent No. 7,325,032 to Sarah E. Zuberec et al., entitled “System and Method for Passing Context-Sensitive Information from a First Application to a Second Application on a Mobile Device,” filed on May 18, 2001 and granted on Jan. 29, 2008 (“Zuberec ’032”)
- U.S. Patent No. 7,590,934 B2 to Laurence Hubert et al., entitled “Meta-Document and Method of Managing,” filed on January 27, 2004 as a continuation of U.S. Patent Appl. No. 09/404,174 filed on September 24, 1999, and granted on September 15, 2009 (“Hubert ’934”).
- EP 1 087 306 A2 to Laurence Hubert et al., entitled “Meta-Documents and Method of Managing Them,” published on March 28, 2001 (“Hubert EP ’306”). Hubert EP ’306 is the European counterpart to Hubert ’934 (above), and both share substantially identical disclosures. Accordingly, citations to Hubert ’934 below should be understood as encompassing parallel portions of Hubert EP ’306.
- W.J. Johnson and O.W. Weber, *Method for Automatic Invocation to an Application Context in Correlation to Another Application Context*, IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 37 No. 02B, p. 187 (Feb. 1994) (“Johnson”)
- Catherine E. Chronaki, Dimitrios G. Katehakis, Xenophone C. Zabulis, Manolis Tsiknakis and Stelios C. Orphanoudakis, *WebOnCOLL: Medical Collaboration in Regional Healthcare Networks*, IEEE Transactions on Information Technology in Biomedicine, Vol. 1 No. 4, pp. 257-69 (Dec. 1997) (“Chronaki”)
- Paul Dourish, W. Keith Edwards, Anthony LaMarca, and Michael Salisbury, *Presto: An Experimental Architecture for Fluid Interactive Document Spaces*, ACM TRANSACTIONS ON COMPUTER-HUMAN INTERACTION, Vol. 6, Issue 2, pp. 131-61 (1999) (“Dourish Presto”)
- Paul Dourish, John Lamping, Tom Rodden, *Building Bridges: Customisation and Mutual Intelligibility in Shared Category Management*, PROCEEDINGS OF THE ACM CONFERENCE ON SUPPORTING GROUP WORK GROUP ’99 (Phoenix, AZ), pages 11-20 (1999) (“Dourish Building Bridges”).
- U.S. Patent No. 6,430,575 to J. Paul Dourish, John O. Lamping and Thomas Rodden entitled “Collaborative Document Management System with

Customizable Filing Structures that are Mutually Intelligible,” filed on September 10, 1999 and granted on August 6, 2002 (“Dourish ’575”)

- U.S. Patent No. 6,493,731 to Rachel Jones, Paul Dourish, Allan MacLean and Richard Bentley entitled “Document Management System for Recording and Viewing the History of Document use,” filed on January 27, 1999 and granted on December 10, 2002 (“Jones ’731”)
- U.S. Patent No. 6,324,551 to John O. Lamping et al. entitled “Self-Contained Document Management Based on Document Properties,” filed on August 31, 1998 and granted on November 27, 2001 (“Lamping ’551”)
- Christopher K. Hess and Roy H. Campbell, *A Context File System for Ubiquitous Computing Environments*, Technical Report No. UIUCDCS-R-2002-2285/UIIU-ENG-2002-1729A, University of Illinois at Urbana-Champaign, July 2002 (“Hess CFS”)
- Christopher Hess, Context File System Users Manual, University of Illinois at Urbana-Champaign, 2001 (“Hess Manual”)
- GaiaOS and Context-File System, discussed in Hess CFS, in public use and known in the United States no later than December 10, 2001 (“Gaia/CFS”)
- Microsoft Press Computer Dictionary (3d ed. 1997) (“Microsoft Dictionary”)
- John December et al., *World Wide Web Unleashed* 330-335 (2d ed. 1995) (“December”)
- Christopher K. Hess, *The Design and Implementation of a Context-Aware File System for Ubiquitous Computing Applications*, published Ph.D Thesis, University of Illinois at Urbana-Champaign (2003) (“Hess Thesis”)
- iManage MailSite 4.0.0 Installation and User Manual, iManage, Inc. (2002) (“iManage MailSite”)
- The iManage Document Management System, a software product for managing information and documents, which was on sale and in public use in the United States no later than December 10, 2001 (“iManage System”). The iManage System is described in the iManage MailSite 4.0.0 Installation and User Manual, and the iManage DeskSite User Reference Manual, both from iManage, Inc. (2002).<sup>1</sup>

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<sup>1</sup> Facebook is currently working with Autonomy to locate additional documentation responsive to Facebook’s subpoena relating to iManage. In the event Autonomy locates additional materials relating to iManage, Facebook will produce those materials and supplement this Response to incorporate them.



- The Documentum Document Management System, on sale and in public use in the United States prior to December 11, 2001<sup>2</sup>
- U.S. Patent No. 6,732,148 to Julio Estrada et al., entitled “System and Method for Interconnecting Secure Rooms,” filed Dec. 28, 1999 and granted on May 4, 2004 (“Estrada ’148”)
- U.S. Patent No. 5,878,258 to Anthony C. Pizi et al., entitled “Seamless Application Interface Manager,” filed on May 6, 1996 and granted on Mar. 2, 1999 (“Pizi ’258”)
- U.S. Patent No. 6,240,429 to James D. Thornton et al., entitled “Using Attached Properties to Provide Document Services,” filed on Aug. 31, 1998 and granted on May 29, 2001 (“Thornton ’429”)
- U.S. Patent No. 6,324,551 to John O. Lamping et al., entitled “Self-Contained Document Management Based on Document Properties,” filed on Aug. 31, 1998 and granted on Nov. 27, 2001 (“Lamping ’551”)
- U.S. Patent No. 6,950,982 to James P. Dourish, entitled “Active Annotation Mechanism for Document Management Systems,” filed on Nov. 19, 1999 and granted on Sep. 27, 2005 (“Dourish ’982”)
- U.S. Patent No. 6,266,670 to Anthony G. LaMarca et al., entitled “User Level Accessing of Low-Level Computer System Operations,” filed on Aug. 31, 1998 and granted on Jul. 24, 2001 (“LaMarca ’670”)
- U.S. Patent No. 6,253,217 to James P. Dourish et al., entitled “Active Properties for Dynamic Document Management System Configuration,” filed on Aug. 31, 1998 and granted on Jun. 26, 2001 (“Dourish ’217”)
- U.S. Patent Application No. 10/046,409 to Victoria M Bellotti et al., entitled “User Interface for a Message-Based System Having Embedded Information Management Capabilities,” filed on Jan. 16, 2002 (“Bellotti ’409”)
- U.S. Patent No. 5,835,758 to Kumar S. Nochur et al., entitled “Method and System for Representing and Processing Physical and Conceptual Entities,” filed on Feb. 28, 1995 and granted on Nov. 10, 1998 (“Nochur ’758”)

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<sup>2</sup> Facebook recently received a voluminous document production from EMC Corporation containing documentation for the Documentum Document Management System, which is being produced concurrently with this Response. Due to the timing and heavy volume of the EMC materials, however, Facebook was unable to provide citations in the claim chart that is a part of this Response. Facebook is continuing to review the materials from EMC’s production and will further supplement its response to this Interrogatory once that review has been completed.

- U.S. Patent No. 6,675,161 to Sean A. Suchter, entitled “Managing Changes to a Directory of Electronic Documents,” filed on May 4, 1999 and granted on Jan. 6, 2004 (“Suchter ’161”)
- U.S. Patent No. 6,941,302 to Sean A. Suchter, entitled “Managing Changes to a Directory of Electronic Documents,” filed on Aug. 14, 2003 and granted on Sep. 6, 2005 (“Suchter ’302”)
- U.S. Patent No. 5,666,490 to Dennis Gillings et al., entitled “Computer Network System and Method for Managing Documents,” filed on May 16, 1994 and granted on Sep. 9, 1997 (“Gillings ’490”)
- U.S. Patent No. 6,560,655 to Roger F. Grambihler et al., entitled “Synchronization Manager for Standardized Synchronization of Separate Programs,” filed on Jun. 22, 1999 and granted on May 6, 2003 (“Grambihler ’655”)
- U.S. Patent Application No. 10/677,297 to Michael John Sykes et al., entitled “Adaptively Interfacing with a Data Repository,” filed on Oct. 3, 2003 (“Sykes ’297”)
- U.S. Patent No. 7,058,892 to Bruce A. MacNaughton et al., entitled “Displayed Content from Multiple Servers,” filed on Feb. 20, 2002 and granted on Jun. 6, 2006 (“MacNaughton ’892”)
- U.S. Patent No. 5,930,801 to Brian C. Falkenhainer et al., entitled “Shared-Data Environment in Which Each File Has Independent Security Properties,” filed on Oct. 30, 1997 and granted on Jul. 27, 1997 (“Falkenhainer ’801”)
- U.S. Patent No. 6,760,721 to Jeffrey M. Chasen et al., entitled “System and Method of Managing Metadata Data,” filed on Apr. 14, 2000 and granted Jul. 6, 2004 (“Chase ’721”)
- U.S. Patent No. 5,008,853 to Sars A. Bly et al., entitled “Representation of Collaborative Multi-User Activities Relative to Shared Structured Data Objects in a Networked Workstation Environment,” filed on Dec. 2, 1987 and Apr. 16, 1991 (“Bly ’853”)
- U.S. Patent No. 6,562,076 to Warren K. Edwards et al., entitled “Extending Application Behavior Through Active Properties Attached to a Document in a Document Management System,” filed on Aug. 31, 1998 and granted on May 13, 2003 (“Edwards ’076”)
- U.S. Patent Application No. 10/465,678 to Michael Bensimmon, entitled “Process for Managing Context Data Using an Intermediate Server,” filed on Jun. 19, 2003 (“Bensimmon ’678”)

- U.S. Patent No. 6,330,573 to Michael P. Salisbury et al., entitled “Maintaining Document Identity Across Hierarchy and Non-Hierarchy File Systems,” filed on Aug. 31, 1998 and granted on Dec. 11, 2001 (“Salisbury ’573”)
- U.S. Patent No. 6,370,553 to Warren K. Edwards et al., entitled “Atomic and Molecular Documents,” filed on Aug. 31, 1998 and granted on Apr. 9, 2002 (“Edwards ’553”)
- U.S. Patent No. 6,397,231 to Michael P. Salisbury et al., entitled “Virtual Documents Generated via Combined Documents or Portions of Documents Retrieved from Data Repositories,” filed on Aug. 31, 1998 and granted on May 28, 2002 (“Salisbury ’231”)
- U.S. Patent No. 6,269,380 to Douglas B. Terry et al., entitled “Property Based Mechanism for Flexibility Supporting Front-End and Back-End Components Having Different Communication Protocols,” filed on Aug. 31, 1998 and granted on Jul. 31, 2001 (“Terry ’380”)
- U.S. Patent No. 6,434,403 to Michiel R. Ausems et al., entitled “Personal Digital Assistant with Wireless Telephone,” filed on Feb. 19, 1999 and granted on Aug. 13, 2002 (“Ausems ’403”)
- U.S. Patent Application No. 11/203,484 to Eric J. Horvitz et al., entitled “Schemas for a Notification Platform and Related Information Services,” filed on Aug. 12, 2005 (“Horvitz ’484”).

The following charts reflect the reasons the asserted claims are invalid in light of the prior art under 35 U.S.C. §§ 102, 103. The analysis contained in these charts does not necessarily reflect the construction that Facebook believes ought to be given to the asserted claims. This analysis instead reflects Facebook’s best understanding of LTI’s interpretation of the asserted claims, as reflected in LTI’s purported infringement contentions. And even under the construction that Facebook believes should be given to these claims, the claims are still invalid in light of the prior art.

The following charts indicate, for each element of each asserted claim, at least one location in a cited prior art reference at which the elements of a given claim element may be found. In many instances, the chart indicates that a element is be found separately in several different references; hence the multiple quotations for particular elements. The fact that multiple prior art references are cited for a particular element is not intended to suggest that the element is

found only through a combination. Rather, each citation fully discloses the element to which it refers. Moreover, the charts do not necessarily indicate every location within the particular prior art reference at which the given claim element may be found. Facebook reserves its right to rely on additional portions of each cited prior art reference to provide explanatory context, background or other detail for the reference or rebut arguments LTI may make regarding the content of that reference. Thus, when considering a citation provided to a particular prior art reference for a given claim element, the following points should be noted:

a. Citations to a particular structure or set of structures in a given figure should be understood as also referring to all identical, parallel, correlating, or corresponding structures or sets of structures in other figures in the reference or in the text of the reference which, in the interests of brevity, were not included.

b. Citations to a particular structure or set of structures in a given figure should be understood as also referring to the text in the reference that describes, explains, or elucidates upon the cited structure(s) or the given figure.

c. Citations to text in a reference should be understood as also referring to any figures, structures or embodiments described therein.

d. The fact that certain entries in the charts may include citations to multiple, alternative structures in a prior art reference should not be construed to mean that for the references for which only a single citation is provided, the above points do not apply. The above points are applicable to all entries in the following charts.

<b>Claim Language of '761 Patent</b>	<b>Invalidating Prior Art</b>
<p>1. A computer-implemented network-based system that facilitates management of data, comprising:</p>	<p>Belifore '513 at, e.g., col. 2-3, 28; fig. 1.            Bellotti '409 at, e.g., abstract; p. 3; fig. 19; claim 11.            Bensimmon '678 at, e.g., pp. 1, 3; claim 14.            Bly '853 at, e.g., abstract; col. 1, 15; claim 18.            Brummel '220 at, e.g., abstract; col. 2, 4.            Chasen '721 at, e.g., abstract; col. 6; claim 1.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Chronaki at, e.g., abstract.</p> <p>Dourish '217 at, e.g., abstract.</p> <p>Dourish '575 at, e.g., Abstract, Fig. 1, col. 2-3 (summary), 3-4 (detailed description), <i>passim</i>.</p> <p>Dourish '982 at, e.g., abstract.</p> <p>Dourish Building Bridges at, e.g., Abstract, 14-16.</p> <p>Dourish Presto at, e.g., pp. 1, 7.</p> <p>Edwards '076 at, e.g., abstract.</p> <p>Edwards '553 at, e.g., abstract.</p> <p>Estrada '148 at, e.g., abstract; col. 8; fig. 1-6, 12-13; claim 1.</p> <p>Falkenhainer '801 at, e.g., abstract; fig. 3.</p> <p>Farnan '365 at, e.g., abstract; col. 1-2.</p> <p>Gaia/CFS, e.g., the GAIA/CFS system provided a method of managing information. See disclosures for Hess CFS.</p> <p>Gillings '490 at, e.g., abstract; col. 4.</p> <p>Gongwer '118 at, e.g., col. 1, 3; fig. 1.</p> <p>Grambihler '655 at, e.g., abstract; col. 2-4; fig. 1; claim 1.</p> <p>Henderson '534 at, e.g., abstract; pp. 1, 3-4; fig. 7; claim 1.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 5, <i>passim</i>.</p> <p>Hess Manual at, e.g., §§ 1, <i>passim</i>.</p> <p>Hess Thesis at, e.g., §§ 1.1, 1.2, 1.4, 2.1, 3.1, <i>passim</i>.</p> <p>Hind '791 at, e.g., abstract; col. 1, 3; fig. 1.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-3; fig. 1.</p> <p>Hubert '934 at, e.g., Abstract, col. 1-4.</p> <p>Hugh '032 at, e.g., abstract; col. 2, 26-27.</p> <p>iManage MailSite at, e.g., Chapter 2.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., Abstract, col. 2-3 (summary), 4-6.</p> <p>Koren '596 at, e.g., abstract; col. 5; fig. 1-2, 5A, 14.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2; claim 11.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>LaMarca '682 at, e.g., abstract.</p> <p>Lamping '538 at, e.g., col. 1.</p> <p>Lamping '551 at, e.g., Abstract, col. 7-8, 10-12, <i>passim</i>; claim 7.</p> <p>MacNaughton '892 at, e.g., abstract; claim 1.</p> <p>Maritzen '181 at, e.g., abstract; p. 5; claim 22.</p> <p>Nochur '758 at, e.g., col. 3-4, 9; claim 15.</p> <p>O'Rourke '813 at, e.g., abstract, col. 5; claims 1, 3, 5, 8, 10, 16, 20, 23, 30-32, 38-39.</p> <p>Oblinger '990 at, e.g., abstract; claim 1.</p> <p>Petersen '179 at, e.g., col. 1-2, 6.</p> <p>Pitroda '990 at, e.g., col. 1-2, 5, 7; claims 1, 12, 17, 22.</p> <p>Pizi '258 at, e.g., abstract; col. 6; claim 1.</p> <p>Salisbury '231 at, e.g., abstract; claim 16.</p> <p>Salisbury '573 at, e.g., abstract; claim 6.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 1-2, 9; fig. 7.</p> <p>Seliger '908 at, e.g., abstract; col. 3-4; claim 35.</p> <p>Shea '938 at, e.g., abstract.</p> <p>Suchter '161 at, e.g., abstract; fig. 1A-1B, 6.</p> <p>Suchter '302 at, e.g., abstract; fig. 1A-1B, 6.</p> <p>Swartz '994 at, e.g., col. 1, 3.</p> <p>Sykes '297 at, e.g., abstract.</p> <p>Terry '380 at, e.g., abstract.</p> <p>Thornton '429 at, e.g., abstract; claim 12</p> <p>Zuberec '032 at, e.g., abstract; col. 7.</p>
<p>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</p>	<p>Belifore '513 at, e.g., col. 3-4, 10-17, 20-21, 29-32; fig. 5.</p> <p>Bellotti '409 at, e.g., pp. 2-5, 11; claims 1-3, 6-8.</p> <p>Bensimmon '678 at, e.g., abstract; pp. 1, 3, 6; fig. 1-4.</p> <p>Bly '853 at, e.g., abstract; col. 1, 8-10, 17-19, 24, 28-29; fig.</p>

Claim Language of '761 Patent	Invalidating Prior Art
<p>context of the network-based system, the context component dynamically storing the context information in metadata associated with 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 updating the stored metadata based on the change, wherein the user accesses the data from the second context.</p>	<p>2.            Brummel '220 at, e.g., col. 2-3, 6, 9-10; claim 1, 3, 8.            Chasen '721 at, e.g., abstract; col. 1-5, 11-16; fig. 2; claim 1.            Chronaki at, e.g., pp. 260-65; fig. 6-7.            Dourish '217 at, e.g., col. 7, 10, 16; fig. 1, 4.            Dourish '575 at, e.g., col. 3-9, figs. 1-7.            Dourish '982 at e.g., col. 3, 6-7.            Dourish Building Bridges at, e.g., Abstract, 14-19.            Dourish Presto at, e.g., fig. 1; pp. 4, 6-7, 10-11, 15-16, 18.            Edwards '076 at, e.g., col. 11, 13-16; fig. 1, 3.            Edwards '553 at, e.g., abstract; col. 7, 9-11; fig. 1-2, 4, 9a-9b.            Estrada '148 at, e.g., abstract; col. 5, 8, 12, 17, 21, 27-28; fig. 1-6, 10, 12-15; Table 1-2; claim 1, 4, 6.            Falkenhainer '801 at, e.g., abstract; col. 3-7, 11-12.            Farnan '365 at, e.g., abstract; col. 1-4, 11-13; fig. 4-9; Table 1A, 1C; claim 1, 2, 4, 26.            Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.            Gillings '490 at, e.g., col. 2-4, 6-7; fig. 8-10.            Gongwer '118 at, e.g., col. 3-4, 6-10; fig. 1; claims 1, 8, 14-15.            Grambihler '655 at, e.g., col. 1-2.            Henderson '534 at, e.g., abstract; pp. 1-4, 6-8; fig. 5, 7, 9; claims 1, 5, 7.            Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1 (inc. fig. 1), 2.2, 3, 3.1, 3.3, 4.1, 4.2, 4.3, 5, 6.            Hess Manual at, e.g., §§ 1, 2, 2.2, 2.2.1, 2.3.            Hess Thesis at, e.g., §§ 3.1, 3.2, 3.4, 3.4.1, 4.5, 4.5.2, 4.5.3, 4.5.4, 4.5.5, 5.5.            Hind '791 at, e.g., col. 3, 5-8, 12; fig. 2; claims 1, 7, 50.            Horvitz '484 at, e.g., abstract; pp. 1-2, 6-7, 9, 14, 27-28, 30-31; fig. 1-5.            Hubert '934 at, e.g., col. 2-4, Fig. 1-2, col. 5-8.</p>

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	<p>Hugh '032 at, e.g., col. 5-6, 13, 20, 24, 27-28; fig. 1, 3.</p> <p>iManage MailSite at, e.g., Chapters 3-5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 2-3 (summary), 4-12 (description), figs. 2-12. claim 1.</p> <p>Koren '596 at, e.g., col. 1-2, 10, 14-15, 21-23; fig. 32, 35-36.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2, 10-11; fig. 3.</p> <p>LaMarca '682 at, e.g., abstract; col. 7-8, 10-12; fig. 1-2.</p> <p>Lamping '538 at, e.g., col. 1-2, 6-8.</p> <p>Lamping '551 at, e.g., abstract; col. 2, 9-16; fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 6-8, 16-19; fig. 1A-1B, 3-4; claim 12.</p> <p>Maritzen '181 at, e.g., abstract; pp. 3-4, 6; fig. 7-9; claims 6, 9-12, 20.</p> <p>Nochur '758 at, e.g., col. 5-7, 10, 13-14; fig. 2, 7.</p> <p>O'Rourke '813 at, e.g., 2-9; fig. 3, 5; claim 1, 23.</p> <p>Oblinger '990 at, e.g., abstract; col. 5-10; fig. 1-3, 5, 9-10; claim 1-2, 4-5, 8, 10-11.</p> <p>Petersen '179 at, e.g., col. 1, 3, 6-7, 9-10, 15, 26; fig. 5.</p> <p>Pitroda '990 at, e.g., col. 2, 5-6, 8, 13, 19; fig. 6; claims 1, 10, 12.</p> <p>Pizi '258 at, e.g., col. 2, 4-5, 7; claim 1, 5.</p> <p>Salisbury '231 at, e.g., col. 10-11, 16; fig. 1-2; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; col. 8, 10-11, 13; fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '313 at, e.g., col. 1, 3, 9.</p> <p>Seliger '648 at, e.g., col. 2-5, 7-9, 12; fig. 7.</p> <p>Seliger '908 at, e.g., abstract; col. 2-5, 8-9; fig. 1, 4, 7; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 2-3, 6, 8; fig. 1; claim 1, 4, 6, 12, 14.</p> <p>Suchter '161 at, e.g., col. 4-5, 8, 14, 17-21; fig. 1A-1B, 4B,</p>



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	<p>6.</p> <p>Suchter '302 at, e.g., col. 4-5, 8, 14, 17-21; fig. 1A-1B, 4B, 6.</p> <p>Swartz '994 at, e.g., col. 4, 6-10, 17-20.</p> <p>Sykes '297 at, e.g., abstract; p. 1; fig. 1; claim 42.</p> <p>Terry '380 at, e.g., col. 10-11, 14, , 17; fig. 1-2; claim 1, 11, 14-15.</p> <p>Thornton '429 at, e.g., abstract; col. 7-8, 13-15; fig. 1; claim 12.</p> <p>Zuberec '032 at, e.g., abstract; col. 2, 6-7; claim 1, 13.</p>
<p>2. The system of claim 1, the context component is associated with a workspace, which is a collection of data and application functionality related to the user-defined data.</p>	<p>Belifore '513 at, e.g., col. 15-16, 29; fig.1.</p> <p>Bellotti '409 at, e.g., p. 8.</p> <p>Bensimon '678 at, e.g., p. 1; fig. 1-2.</p> <p>Bly '853 at, e.g., col. 2-3, 15.</p> <p>Brummel '220 at, e.g., col. 2-4; fig. 4.</p> <p>Chasen '721 at, e.g., claim 1.</p> <p>Chronaki at, e.g., p. 260.</p> <p>Dourish '217 at, e.g., fig. 4.</p> <p>Dourish '575 at, e.g., col. 4-8, figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 3.</p> <p>Dourish Building Bridges at, e.g., 15-16, 18.</p> <p>Dourish Presto at, e.g., fig. 3; pp. 6, 9-10, 16.</p> <p>Edwards '076 at, e.g., col. 10-11; fig. 1, 4.</p> <p>Edwards '553 at, e.g., col. 11, 13; fig. 1.</p> <p>Estrada '148 at, e.g., col. 8-9; fig. 9.</p> <p>Falkenhainer '801 at, e.g., col. 4; fig. 3.</p> <p>Farnan '365 at, e.g., col. 1; fig. 2.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., fig. 2, 6.</p> <p>Gongwer '118 at, e.g., col. 3-4, 11; fig. 1.</p>

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	<p>Grambihler '655 at, e.g., abstract; fig. 1.</p> <p>Henderson '534 at, e.g., abstract; p. 3.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 3.1, 3.2, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 7.</p> <p>Hind '791 at, e.g., col. 3, 7; fig. 2; claims 1, 50.</p> <p>Horvitz '484 at, e.g., pp. 1, 4; fig. 2, 4.</p> <p>Hubert '934 at, e.g., fig. 2(30, 32, 34), col. 2-4, 5, 7-8.</p> <p>Hugh '032 at, e.g., col. 2, 6, 17-18, 21-22.</p> <p>iManage MailSite at, e.g., Chapter 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., figs. 3-4, 7-12, col. 4-5, 8-10 inc. fig. 8 (editing of document with application).</p> <p>Koren '596 at, e.g., col. 2; fig. 2.</p> <p>LaMarca '670 at, e.g., col. 10; fig. 5.</p> <p>LaMarca '682 at, e.g., col. 10; fig. 1.</p> <p>Lamping '538 at, e.g., col. 1, 3.</p> <p>Lamping '551 at, e.g., col. 11-13; fig. 4.</p> <p>MacNaughton '892 at, e.g., col. 7; claims 16, 18.</p> <p>Maritzen '181 at, e.g., p. 4.</p> <p>Nochur '758 at, e.g., col. 5; fig. 2.</p> <p>O'Rourke '813 at, e.g., 3, 7.</p> <p>Oblinger '990 at, e.g., col. 15; fig. 1.</p> <p>Pitroda '990 at, e.g., col. 8-9, 12, 18, 21; fig. 10AA-10AE, 11A, 12, 13A, 14A, 15A, 17A, 19A, 20A, 21A, 22A, 23, 24; claims 3, 19.</p> <p>Pizi '258 at, e.g., col. 2-3; claim 1.</p> <p>Salisbury '231 at, e.g., col. 11; fig. 1.</p> <p>Salisbury '573 at, e.g., col. 10; fig. 1.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2-3.</p>

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	<p>Seliger '908 at, e.g., col. 2; fig. 1, 4, 7; claim 35.</p> <p>Shea '938 at, e.g., col. 2-3, 9.</p> <p>Suchther '161 at, e.g., fig. 1A-1B, 3A-4A.</p> <p>Suchther '302 at, e.g., fig. 1A-1B, 3A-4A.</p> <p>Swartz '994 at, e.g., col. 20; fig. 5.</p> <p>Sykes '297 at, e.g., fig. 3-12.</p> <p>Terry '380 at, e.g., col. 11, 13; fig. 1; claim 1, 11, 15.</p> <p>Thornton '429 at, e.g., col. 10; fig. 4-5.</p> <p>Zuberec '032 at, e.g., abstract; col. 3.</p>
<p>4. The system of claim 1, the context information includes a relationship between the user and at least one of an application, application data, and user environment.</p>	<p>Belifore '513 at, e.g., col. 15-17, 31-32.</p> <p>Bellotti '409 at, e.g., pp. 4, 8-9, 11.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 10, 19.</p> <p>Brummel '220 at, e.g., col. 3, 7.</p> <p>Chasen '721 at, e.g., col. 1, 3, 10, 13-14; fig. 1.</p> <p>Chronaki at, e.g., pp. 261-62, 264.</p> <p>Dourish '217 at, e.g., col. 7; fig. 4.</p> <p>Dourish '575 at, e.g., col. 4-7, figs. 1-5.</p> <p>Dourish '982 at, e.g., col. 5.</p> <p>Dourish Building Bridges at, e.g., 14-16, 17 (including fig. 3), 18.</p> <p>Dourish Presto at e.g., fig. 2; pp. 4, 16.</p> <p>Edwards '076 at, e.g., fig. 1.</p> <p>Edwards '553 at, e.g., fig. 1.</p> <p>Estrada '148 at, e.g., col. 16; fig. 11; Table 2.</p> <p>Falkenhainer '801 at, e.g., col. 6; fig. 2.</p> <p>Farnan '365 at, e.g., col. 4, 11; fig. 10; Table 1A.</p>

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	<p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., fig. 8.</p> <p>Gongwer '118 at, e.g., col. 1, 7.</p> <p>Henderson '534 at, e.g., abstract; p. 3.</p> <p>Hess CFS at, e.g., §§ 1, 2, 2.1, 2.2, 2.3, 3.1, 4.3, 5, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2.</p> <p>Hind '791 at, e.g., col. 3, 7; fig. 7; claims 3-4.</p> <p>Horvitz '484 at, e.g., abstract; pp. 4, 27, 30.</p> <p>Hubert '934 at, e.g., col. 8(table), col. 4-5, 7-8.</p> <p>Hugh '032 at, e.g., fig. 2-3.</p> <p>iManage MailSite at, e.g., Chapters 3, 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 9-10, fig. 4.</p> <p>Koren '596 at, e.g., col. 15; fig. 32.</p> <p>LaMarca '670 at, e.g., col. 10; fig. 3.</p> <p>LaMarca '682 at, e.g., fig. 1.</p> <p>Lamping '551 at, e.g., col. 11-14, fig. 1, 3, 4.</p> <p>MacNaughton '892 at, e.g., col. 8, 17.</p> <p>Maritzen '181 at, e.g., pp. 4-6.</p> <p>Nochur '758 at, e.g., fig. 7.</p> <p>O'Rourke '813 at, e.g., fig. 5.</p> <p>Oblinger '990 at, e.g., abstract; col. 10.</p> <p>Petersen '179 at, e.g., col. 10; fig. 1.</p> <p>Pitroda '990 at, e.g., col. 4, 13.</p> <p>Pizi '258 at, e.g., col. 5-7.</p> <p>Salisbury '231 at, e.g., col. 16; fig. 1.</p> <p>Salisbury '573 at, e.g., fig. 1.</p> <p>Schroeter pp. 318-19.</p>

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	<p>Seliger '648 at, e.g., col. 2, 8.</p> <p>Seliger '908 at, e.g., col. 2, 8; claim 4.</p> <p>Shea '938 at, e.g., col. 2-3, 8-9.</p> <p>Suchter '161 at, e.g., col. 8, 14.</p> <p>Suchter '302 at, e.g., col. 8, 14.</p> <p>Swartz '994 at, e.g., col. 4, 6, 8.</p> <p>Terry '380 at, e.g., fig. 1.</p> <p>Thornton '429 at, e.g., col. 8, 13-14; fig. 1; claim 10.</p> <p>Zuberec '032 at, e.g., col. 3, 5-7; claim 16, 21.</p>
<p>5. The system of claim 1, the context component captures context information of the first context and context information related to at least one other context.</p>	<p>Belifore '513 at, e.g., col. 15-16.</p> <p>Bellotti '409 at, e.g., p. 5; claims 1-2.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 24, 28-29.</p> <p>Brummel '220 at, e.g., col. 3, 7.</p> <p>Chasen '721 at, e.g., col. 1-2, 11-14.</p> <p>Chronaki at, e.g., pp. 260-61; fig. 7.</p> <p>Dourish '217 at, e.g., col. 7-8; fig. 1, 3.</p> <p>Dourish '575 at, e.g., col. 4-8 (initial filing context); figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 5.</p> <p>Dourish Building Bridges at, e.g., 14-16, fig. 2, 16.</p> <p>Dourish Presto at, e.g., fig. 2; pp. 4, 9-10, 16-19.</p> <p>Edwards '076 at, e.g., col. 9, 13-14; fig. 1, 3.</p> <p>Edwards '553 at, e.g., col. 9-10; fig. 1, 2.</p> <p>Estrada '148 at, e.g., col. 17, 12; Table 2.</p> <p>Falkenhainer '801 at, e.g., col. 5, 13.</p> <p>Farnan '365 at, e.g., col. 5-6.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 3-4; fig. 1.</p>

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	<p>Gongwer '118 at, e.g., col. 9-10.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., abstract; p. 6.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 5, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 3-5, 7-8; claims 1, 50.</p> <p>Horvitz '484 at, e.g., pp. 1-2, 30-31; fig. 1, 3-5, 8.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2, fig 1(16).</p> <p>Hugh '032 at, e.g., col. 5-6, 13; fig. 1-3.</p> <p>iManage MailSite at, e.g., Chapters 3, 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 7-10, fig. 6-11, fig. 12 (showing multiple contexts).</p> <p>Koren '596 at, e.g., col. 15, 21.</p> <p>LaMarca '670 at, e.g., col. 9-10.</p> <p>LaMarca '682 at, e.g., col. 7-8, fig. 1.</p> <p>Lamping '538 at, e.g., col. 6-7.</p> <p>Lamping '551 at, e.g., col. 12-16, fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 8, 17.</p> <p>Maritzen '181 at, e.g., pp. 5-6.</p> <p>Nochur '758 at, e.g., col. 3-4.</p> <p>O'Rourke '813 at, e.g., fig. 5.</p> <p>Oblinger '990 at, e.g., fig. 3, 5.</p> <p>Petersen '179 at, e.g., col. 6-7.</p> <p>Pitroda '990 at, e.g., col. 6, 8, 13.</p> <p>Pizi '258 at, e.g., col. 5-7.</p> <p>Salisbury '231 at, e.g., col. 9-10; fig. 1.</p>

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	<p>Salisbury '573 at, e.g., col. 8; fig. 1.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8-9.</p> <p>Seliger '908 at, e.g., col. 3-4, 6; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 5, 8; fig. 1.</p> <p>Suchter '161 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Suchter '302 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Swartz '994 at, e.g., 4, 6, 19.</p> <p>Terry '380 at, e.g., fig. 1; claims 1, 11, 15.</p> <p>Thornton '429 at, e.g., fig. 3.</p> <p>Zuberec '032 at, e.g., col. 6-7; claim 1, 13.</p>
<p>7. The system of claim 1, wherein data created in the first context is associated with data created in the second context.</p>	<p>Belifore '513 at, e.g., col. 15-16, 43-45.</p> <p>Bellotti '409 at, e.g., p. 5; claims 1-2.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 24, 28-29.</p> <p>Brummel '220 at, e.g., col. 3, 5-6; fig. 4.</p> <p>Chasen '721 at, e.g., col. 1-2, 11-14.</p> <p>Chronaki at, e.g., pp. 260-61.</p> <p>Dourish '217 at, e.g., col. 7-8; fig. 1, 3.</p> <p>Dourish '575 at, e.g., col. 4-8; figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 5.</p> <p>Dourish Building Bridges at, e.g., 14-16, fig. 2.</p> <p>Dourish Presto at, e.g., pp. 4, 9-10, 16-19.</p> <p>Edwards '076 at, e.g., col. 9, 13-14; fig. 1, 3.</p> <p>Edwards '553 at, e.g., col. 9-10; fig. 1, 2.</p> <p>Estrada '148 at, e.g., col. 13, 17, 21; Table 2.</p> <p>Falkenhainer '801 at, e.g., col. 5, 7, 13.</p> <p>Farnan '365 at, e.g., col. 5-6; 30.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p>

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	<p>Gillings '490 at, e.g., col. 3-4; fig. 1.</p> <p>Gongwer '118 at, e.g., col. 9-11.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., pp. 2, 7.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 3-5, 7-8; claims 1, 50.</p> <p>Horvitz '484 at, e.g., pp. 1-2, 30-31; fig. 1, 3-5, 8.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2, fig 1.</p> <p>Hugh '032 at, e.g., col. 5-6, 13, 27-28; fig. 1-3.</p> <p>iManage MailSite at, e.g., Chapters 3, 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 4-12, figs. 2-12. claim 1.</p> <p>Koren '596 at, e.g., co. 2, 15, 21.</p> <p>LaMarca '670 at, e.g., col. 9-10.</p> <p>LaMarca '682 at, e.g., col. 7-8, fig. 1.</p> <p>Lamping '538 at, e.g., col. 7.</p> <p>Lamping '551 at, e.g., col. 11-16, fig. 2-5.</p> <p>MacNaughton '892 at, e.g., col. 8, 17.</p> <p>Maritzen '181 at, e.g., pp. 1, 5-6; claims 10-11, 20.</p> <p>Nochur '758 at, e.g., col. 3-4.</p> <p>O'Rourke '813 at, e.g., 2, 4-8; fig. 3, 5; claims 1, 23.</p> <p>Oblinger '990 at, e.g., col. 6; fig. 3, 5; claim 1.</p> <p>Pitroda '990 at, e.g., col. 6, 8, 13, 21-22.</p> <p>Pizi '258 at, e.g., col. 5-7.</p> <p>Salisbury '231 at, e.g., col. 9-10; fig. 1.</p> <p>Salisbury '573 at, e.g., col. 8; fig. 1.</p>



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	<p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8-9.</p> <p>Seliger '908 at, e.g., col. 3-4, 6; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 5, 8; fig. 1.</p> <p>Suchter '161 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Suchter '302 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Swartz '994 at, e.g., col. 4, 6, 19-20.</p> <p>Terry '380 at, e.g., fig. 1; claims 1, 11, 15.</p> <p>Thornton '429 at, e.g., col. 11; fig. 3.</p> <p>Zuberec '032 at, e.g., col. 2, 5-7.</p>
<p>8. The system of claim 1, the context information is tagged to the user-defined data via the metadata when the user-defined data is created.</p>	<p>Belifore '513 at, e.g., col. 3-4, 10-15, 29-32, 43-45.</p> <p>Bellotti '409 at, e.g., pp. 4-5, 11; claims 6-8.</p> <p>Bensimmon '678 at, e.g., abstract; p. 1, 3, 6; fig. 1-4.</p> <p>Bly '853 at, e.g., abstract; col. 8, 10, 17, 19, 24, 28-29; fig. 2.</p> <p>Brummel '220 at, e.g., col. 3, 5-6, 9; fig. 4; claim 1.</p> <p>Chasen '721 at, e.g., abstract; col. 1-2, 11-14; fig. 2.</p> <p>Chronaki at, e.g., pp. 260-64; fig. 6-7.</p> <p>Dourish '217 at, e.g., col. 7, 10; fig. 1, 4.</p> <p>Dourish '575 at, e.g., col. 4-8 (discussion of initial filing context); figs. 1-7.</p> <p>Dourish '982 at e.g., col. 3, 6-7.</p> <p>Dourish Building Bridges at, e.g., 14-16, fig. 2, 17-18 (categories, including fig. 3).</p> <p>Dourish Presto at, e.g., §§ 6.1. pp. 15-19, 7-11, 4; fig. 2, 3.</p> <p>Edwards '076 at, e.g., col. 11, 13.</p> <p>Edwards '553 at, e.g., col. 7, 9-11; fig. 1.</p> <p>Estrada '148 at, e.g., col. 8, 13, 21; fig. 10, 14-15; Table 2.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 1-2, 7; fig. 3.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Farnan '365 at, e.g., abstract; col. 1-4, 30.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 3-4; fig. 1.</p> <p>Gongwer '118 at, e.g., col. 3-4, 6-11; claims 1, 8.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., pp. 2, 7.</p> <p>Hess CFS at, e.g., §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 10.</p> <p>Horvitz '484 at, e.g., pp. 1-2, 6, 30-31; fig. 5.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2, fig 1.</p> <p>Hugh '032 at, e.g., col. 5-6, 13; fig. 1, 3.</p> <p>iManage MailSite at, e.g., Chapters 3, 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 4-6, 9-12, figs. 4(404), 6-8, 12.</p> <p>Koren '596 at, e.g., co. 2, 15, 21.</p> <p>LaMarca '670 at, e.g., col. 9-10.</p> <p>LaMarca '682 at, e.g., col. 7, 14, fig. 1.</p> <p>Lamping '551 at, e.g., abstract; col. 2, 11-16; fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 7-8, 17; claim 12.</p> <p>Maritzen '181 at, e.g., abstract; pp. 3-4, 6; fig. 9; claims 9-11, 20.</p> <p>Nochur '758 at, e.g., col. 5-7, 10; fig. 2, 7.</p> <p>O'Rourke '813 at, e.g., 6, 8-9; claim 1, 19.</p> <p>Oblinger '990 at, e.g., abstract; col. 5-6, 9-10; fig. 1-3, 5; claim 1-2, 10.</p> <p>Petersen '179 at, e.g., col. 10, 17.</p> <p>Pitroda '990 at, e.g., col. 19.</p>

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	<p>Pizi '258 at, e.g., col. 4-5, 7; claim 1, 5.</p> <p>Salisbury '231 at, e.g., col. 9-10; fig. 1; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; col. 8, 10-11, 13; fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2.</p> <p>Seliger '908 at, e.g., abstract; col. 2-4; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 2-3, 6.</p> <p>Suchter '161 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Suchter '302 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Swartz '994 at, e.g., col. 6, 8; fig. 14.</p> <p>Terry '380 at, e.g., fig. 1; claims 1, 11, 15.</p> <p>Thornton '429 at, e.g., col. 11; fig. 3.</p> <p>Zuberec '032 at, e.g., abstract; col. 2, 6-7; claims 1, 13.</p>
<p>9. A computer-implemented method of managing data, comprising computer-executable acts of:</p>	<p>Belifore '513 at, e.g., col. 2-3; fig. 1.</p> <p>Bellotti '409 at, e.g., abstract; p. 3; fig. 19; claim 1.</p> <p>Bensimmon '678 at, e.g., pp. 1, 3; claim 1.</p> <p>Bly '853 at, e.g., abstract; col. 1; claim 1.</p> <p>Brummel '220 at, e.g., col. 2-9; claim 1.</p> <p>Chasen '721 at, e.g., abstract; col. 6; claim 1.</p> <p>Chronaki at, e.g., abstract.</p> <p>Dourish '217 at, e.g., abstract; claim 1.</p> <p>Dourish '575 at, e.g., Abstract, Fig. 1, col. 2-3 (summary), 3-4 (detailed description), <i>passim</i>.</p> <p>Dourish '982 at, e.g., abstract; claim 1.</p> <p>Dourish Building Bridges at, e.g., Abstract, 14-19.</p> <p>Dourish Presto at, e.g., p. 1.</p> <p>Edwards '076 at, e.g., abstract; claim 1.</p> <p>Edwards '553 at, e.g., abstract; claim 1.</p> <p>Estrada '148 at, e.g., abstract; claim 6, 10, 21.</p>

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	<p>Falkenhainer '801 at, e.g., abstract; col. 1-2; claim 1.</p> <p>Farnan '365 at, e.g., abstract; col. 1-4.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., abstract; col. 4; claim 1.</p> <p>Gongwer '118 at, e.g., col. 1, 3.</p> <p>Grambihler '655 at, e.g., abstract; col. 2-4; fig. 1.</p> <p>Henderson '534 at, e.g., abstract; pp. 1, 3-4; fig. 7; claim 1.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 5, <i>passim</i>.</p> <p>Hess Manual at, e.g., §§ 1, <i>passim</i>.</p> <p>Hess Thesis at, e.g., §§ 1.1, 1.2, 1.4, 2.1, 3.1, <i>passim</i>.</p> <p>Hind '791 at, e.g., abstract; col. 1, 3; fig. 2.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-3; fig. 1.</p> <p>Hubert '934 at, e.g., Abstract, col. 1-4.</p> <p>Hugh '032 at, e.g., abstract; col. 2, 26-27.</p> <p>iManage MailSite at, e.g., Chapter 2.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., Abstract, col. 2-3 (summary), 4-6.</p> <p>Koren '596 at, e.g., abstract; col. 5; fig. 1, 2, 5A, 14.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2; claim 1.</p> <p>LaMarca '682 at, e.g., abstract; claim 1.</p> <p>Lamping '538 at, e.g., col. 1.</p> <p>Lamping '551 at, e.g., Abstract, col. 7-8, 10-12, <i>passim</i>; claim 1.</p> <p>MacNaughton '892 at, e.g., abstract; claim 1.</p> <p>Maritzen '181 at, e.g., abstract.</p> <p>Nochur '758 at, e.g., col. 3-4, 9; claim 1.</p> <p>O'Rourke '813 at, e.g., abstract, col. 5; claims 1, 3, 5, 8, 10, 16, 20, 23, 30-32, 38-39.</p> <p>Oblinger '990 at, e.g., abstract; claim 1.</p> <p>Petersen '179 at, e.g., col. 1-2, 6.</p>

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	<p>Pitroda '990 at, e.g., col. 1, 3.</p> <p>Pizi '258 at, e.g., abstract; col. 6.</p> <p>Salisbury '231 at, e.g., abstract; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; claim 8.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 1-2, 9; fig. 7.</p> <p>Seliger '908 at, e.g., abstract; col. 3-4; claim 1.</p> <p>Shea '938 at, e.g., abstract.</p> <p>Suchter '161 at, e.g., abstract; fig. 1A-1B, 6; claim 1.</p> <p>Suchter '302 at, e.g., abstract; fig. 1A-1B, 6; claim 1.</p> <p>Swartz '994 at, e.g., col. 1, 3-4.</p> <p>Sykes '297 at, e.g., abstract; claim 1.</p> <p>Terry '380 at, e.g., abstract.</p> <p>Thornton '429 at, e.g., abstract; claim 1.</p> <p>Zuberec '032 at, e.g., abstract; col. 7; claim 1.</p>
<p>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 dynamically updating the stored</p>	<p>Belifore '513 at, e.g., col. 2-4, 10-17, 20-21, 28-32; fig. 1, 5.</p> <p>Bellotti '409 at, e.g., pp. 2-5, 11; claims 1-3, 6-8.</p> <p>Bensimmon '678 at, e.g., abstract; pp. 1, 3, 6; fig. 1-4.</p> <p>Bly '853 at, e.g., abstract; col. 1, 8-10, 17-19, 24, 28-29; fig. 2.</p> <p>Brummel '220 at, e.g., col. 2-9; claim 1, 3, 8.</p> <p>Chasen '721 at, e.g., abstract; col. 1-5, 10-16; fig. 2; claim 1.</p> <p>Chronaki at, e.g., abstract; pp. 259-65; fig. 6-7.</p> <p>Dourish '217 at, e.g., col. 7, 10, 16; fig. 4.</p> <p>Dourish '575 at, e.g., col. 3-9, figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 3, 6-7.</p> <p>Dourish Building Bridges at, e.g., 15-16, 18.</p> <p>Dourish Presto at, e.g., fig. 1; pp. 1-2, 4, 5-8, 11, 15-19.</p> <p>Edwards '076 at, e.g., col. 11, 13-16; fig. 1, 3.</p> <p>Edwards '553 at, e.g., abstract; col. 7, 9-11, 14; fig. 1-2, 4,</p>

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<p>metadata with an association of the data, the application, and the second user environment wherein the user employs at least one of the application and the data from the second environment.</p>	<p>9a-9b.</p> <p>Estrada '148 at, e.g., abstract; col. 5-6, 8, 12, 17, 21, 27-28; fig. 1-3, 5-6, 9-10, 12-15, 22; Table 1-2; claim 1, 4, 6, 10.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 3-7, 11-12; fig. 1.</p> <p>Farnan '365 at, e.g., abstract; col. 1-4, 11-13, 26; fig. 4-10; Table 1A, 1C; claim 1, 2, 4, 37.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 2-4, 6-7; fig. 8-10.</p> <p>Gongwer '118 at, e.g., col. 3-4, 6-10; claims 1, 8, 14-15, 17.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., abstract; pp. 1-4, 6-8; fig. 5, 7, 9; claims 1, 5, 7.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1 (inc. fig. 1), 2.2, 3, 3.1, 3.3, 4.1, 4.2, 4.3, 5, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 3.1, 3.2, 3.4, 3.4.1, 4.5, 4.5.2, 4.5.3, 4.5.4, 4.5.5, 5.5.</p> <p>Hind '791 at, e.g., col. 3, 5-8, 12; fig. 1-2; claim 1, 7.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-2, 5-7, 9, 14, 27-28, 30-31; fig. 1-5.</p> <p>Hubert '934 at, e.g., col. 2-4, Fig. 1-2, col. 5-8.</p> <p>Hugh '032 at, e.g., col. 3, 5-6, 13, 20-22, 24, 27-28; fig. 1, 3.</p> <p>iManage MailSite at, e.g., Chapters 3-5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 2-3 (summary), 4-12 (description), figs. 2-12. claim 1.</p> <p>Koren '596 at, e.g., col. 1-2, 5, 10, 14-15, 21-23; fig. 2, 5A, 24A, 32.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2, 10-11; fig. 3, 5.</p> <p>LaMarca '682 at, e.g., abstract; col. 7-8, 10-12; fig. 1; claim 1.</p> <p>Lamping '538 at, e.g., col. 1-4, 6-8.</p> <p>Lamping '551 at, e.g., abstract; cols. 2, 9-16, figs. 1-5.</p>

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	<p>MacNaughton '892 at, e.g., abstract; col. 1-3, 6-8, 16-19; fig. 1A-1B, 3-4; claim 1, 12.</p> <p>Maritzen '181 at, e.g., abstract; pp. 3-6; fig. 7, 9; claims 9-13, 20.</p> <p>Nochur '758 at, e.g., col. 5-7, 10, 13-14; fig. 2, 7.</p> <p>O'Rourke '813 at, e.g., 2-9; fig. 3, 5; claim 1, 23.</p> <p>Oblinger '990 at, e.g., abstract; col. 5-10; fig. 1-3, 5; claims 15-17, 21.</p> <p>Petersen '179 at, e.g., col. 1-3, 6-8, 10, 13, 15, 17, 26; fig. 1.</p> <p>Pitroda '990 at, e.g., col. 5-8, 13, 18-19, 21, 23, 52; fig. 6, 10, 10AA-10AE, 11A, 12, 13A, 14A, 15A, 17A, 19A, 20A, 21A, 22A, 23, 24.</p> <p>Pizi '258 at, e.g., col. 2, 4-7; claim 1, 5.</p> <p>Salisbury '231 at, e.g., col. 10-11, 16; fig. 1-2; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; col. 8, 10-12, 13; fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '313 at, e.g., col. 1, 3, 9.</p> <p>Seliger '648 at, e.g., col. 2-4, 7-9, 12, 14-15; fig. 16.</p> <p>Seliger '908 at, e.g., abstract; col. 2-5, 7-9; fig. 1, 4, 14-16; claim 1.</p> <p>Shea '938 at, e.g., abstract; col 2-3, 6, 8; fig. 1; claim 1, 4, 6, 12, 14.</p> <p>Suchter '161 at, e.g., col. 1, 4-5, 8, 14, 17-21; fig. 1A-1B, 4B, 6.</p> <p>Suchter '302 at, e.g., col. 1, 4-5, 8, 14, 17-21; fig. 1A-1B, 4B, 6.</p> <p>Swartz '994 at, e.g., col. 6, 8-10, 18-20; fig. 3.</p> <p>Sykes '297 at, e.g., abstract; p. 1; fig. 1, 3-13.</p> <p>Terry '380 at, e.g., col. 10-12, 14, , 17; fig. 1; claim 1, 11, 14-15.</p> <p>Thornton '429 at, e.g., abstract; col. 7-8, 13-15; fig. 1, 4; claim 12.</p> <p>Zuberec '032 at, e.g., abstract; col. 2-3, 6-7; claims 1, 13.</p>

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<p>10. The method of claim 9, further comprising capturing context information of the user.</p>	<p>Belifore '513 at, e.g., col. 15-17, 31-32.  Bellotti '409 at, e.g., pp. 4, 8-9, 11.  Bensimmon '678 at, e.g., p. 1.  Bly '853 at, e.g., col. 10, 19.  Brummel '220 at, e.g., col. 3, 7.  Chronaki at, e.g., p. 262, 264.  Dourish '217 at, e.g., col. 7; fig. 4.  Dourish '575 at, e.g., col. 4-6, fig. 2 (e.g., 204), fig. 3-5 (examples).  Dourish '982 at, e.g., col. 5.  Dourish Building Bridges at, e.g., 14-16; fig. 2, 18.  Dourish Presto at, e.g., fig. 2; p. 4.  Edwards '076 at, e.g., fig. 1.  Edwards '553 at, e.g., fig. 1.  Estrada '148 at, e.g., col. 16; fig. 11; Table 2.  Falkenhainer '801 at, e.g., col. 6; fig. 2.  Farnan '365 at, e.g., fig. 10; Table 1A.  Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.  Gillings '490 at, e.g., fig. 8.  Gongwer '118 at, e.g., col. 1, 3-4, 6-10; claims 1, 8.  Grambihler '655 at, e.g., abstract; col. 4-6.  Henderson '534 at, e.g., abstract.  Hess CFS at, e.g., §§ 1, 2, 2.1, 2.2, 2.3, 3.1, 4:3, 5, 6.  Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.  Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.  Hind '791 at, e.g., col. 1, 7; claims 3-4.  Horvitz '484 at, e.g., pp. 4-5, 27, 30.  Hubert '934 at, e.g., col. 8(table), col. 4-5, 7-8.  Hugh '032 at, e.g., fig. 2-3.</p>



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	<p>iManage MailSite at, e.g., Chapters 3, 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., fig. 4, col. 4-7.</p> <p>Koren '596 at, e.g., col. 15; fig. 32.</p> <p>LaMarca '670 at, e.g., col. 1, 10; fig. 3.</p> <p>LaMarca '682 at, e.g., fig. 1.</p> <p>Lamping '551 at, e.g., col. 10-11, 13-14, Fig. 1, 3, 4.</p> <p>MacNaughton '892 at, e.g., col. 8, 17.</p> <p>Maritzen '181 at, e.g., p. 6.</p> <p>Nochur '758 at, e.g., fig. 7.</p> <p>O'Rourke '813 at, e.g., fig. 5.</p> <p>Oblinger '990 at, e.g., abstract; col. 10.</p> <p>Petersen '179 at, e.g., col. 19.</p> <p>Pitroda '990 at, e.g., col. 6, 8.</p> <p>Pizi '258 at, e.g., col. 5, 7.</p> <p>Salisbury '231 at, e.g., col. 16; fig. 1.</p> <p>Salisbury '573 at, e.g., fig. 1.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8.</p> <p>Seliger '908 at, e.g., col. 2, 8.</p> <p>Shea '938 at, e.g., abstract; col. 8; fig. 4-5.</p> <p>Suchter '161 at, e.g., col. 8, 14.</p> <p>Suchter '302 at, e.g., col. 8, 14.</p> <p>Swartz '994 at, e.g., col.6; claims 5, 6.</p> <p>Terry '380 at, e.g., fig. 1.</p> <p>Thornton '429 at, e.g., fig. 1.</p> <p>Zuberec '032 at, e.g., claims 16, 21.</p>
11. The method of claim 9, further comprising indexing content of the	Belifore '513 at, e.g., col. 16-19, 29, 31-32, 43-45.

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<p>user environment such that a plurality of users can access the content from an associated plurality of user environments.</p>	<p>Bellotti '409 at, e.g., p. 11.  Bensimmon '678 at, e.g., fig. 1-2; p. 1.  Bly '853 at, e.g., abstract; col. 1, 8, 28; claim 1.  Brummel '220 at, e.g., col. 2, 6; fig. 4.  Chasen '721 at, e.g., col. 6.  Chronaki at, e.g., p. 260.  Dourish '217 at, e.g., col. 9-10.  Dourish '575 at, e.g., col. 4-8, figs. 1-7 (all discussing filing structures); claim 1(a)-(b), <i>passim</i>.  Dourish '982 at, e.g., col. 5.  Dourish Building Bridges at, e.g., 14-18, figs. 2-3.  Dourish Presto at, e.g., fig. 2; pp. 4-6, 8.  Edwards '076 at, e.g., col. 11, 13-16; fig. 1, 3.  Edwards '553 at, e.g., col. 9.  Estrada '148 at, e.g., col. 5, 16-17.  Falkenhainer '801 at, e.g., col. 3, 5; fig. 1.  Farnan '365 at, e.g., col. 10; fig. 2, 10, 12; claim 13.  Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.  Gillings '490 at, e.g., col. 3-4; fig. 1.  Gongwer '118 at, e.g., col. 1; claims 1, 4, 7, 17.  Grambihler '655 at, e.g., abstract; fig. 1.  Henderson '534 at, e.g., abstract; pp. 2, 4-5, 7.  Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.1, 4.2, 4.3, 5, 6.  Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.  Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.  Hind '791 at, e.g., col. 3, 5, 7; fig. 1; claims 1-2, 4.  Horvitz '484 at, e.g., pp. 4, 30; fig. 3.  Hubert '934 at, e.g., fig. 2 (30, 32, 34); col. 2-3, 4-5, 7-8.  Hugh '032 at, e.g., col. 26-28.  iManage MailSite at, e.g., Chapters 3 &amp; 5.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 6-8, 11-12, fig. 6-10, 12.</p> <p>Koren '596 at, e.g., col. 2, 9-11.</p> <p>LaMarca '670 at, e.g., col. 10; fig. 5.</p> <p>LaMarca '682 at, e.g., col. 9, 11.</p> <p>Lamping '538 at, e.g., col. 4.</p> <p>Lamping '551 at, e.g., cols. 9-16, figs. 2-5.</p> <p>MacNaughton '892 at, e.g., col. 1-2, 5-6; 8; claim 6, 9.</p> <p>Maritzen '181 at, e.g., pp. 4-6.</p> <p>Nochur '758 at, e.g., col. 13-14; fig. 2.</p> <p>O'Rourke '813 at, e.g., fig. 5.</p> <p>Oblinger '990 at, e.g., abstract; col. 11-12; fig. 2.</p> <p>Petersen '179 at, e.g., col. 7, 13; claims 4, 9.</p> <p>Pitroda '990 at, e.g., col. 13.</p> <p>Pizi '258 at, e.g., col. 2-3, 5-6; claim 1.</p> <p>Salisbury '231 at, e.g., col. 12.</p> <p>Salisbury '573 at, e.g., col. 11.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 1-3, 8-9.</p> <p>Seliger '908 at, e.g., col. 5-6; fig. 1, 4; claim 1, 9, 11.</p> <p>Shea '938 at, e.g., abstract; col. 6; fig. 1.</p> <p>Suchter '161 at, e.g., col. 5-6.</p> <p>Suchter '302 at, e.g., col. 5-6.</p> <p>Swartz '994 at, e.g., col. 4, 8-9, 20.</p> <p>Terry '380 at, e.g., col. 8, 12; claim 5.</p> <p>Thornton '429 at, e.g., col. 8, 10, 13.</p> <p>Zuberec '032 at, e.g., abstract; col. 3; fig. 2; claim 19.</p>
12. The method of claim 9, the least one of the data and the	Belifore '513 at, e.g., col. 10-17, 20-21, 29-31; fig. 5.

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<p>application is associated automatically with the second user environment.</p>	<p>Bellotti '409 at, e.g., pp. 4-5, 11; claims 6-8.  Bensimmon '678 at, e.g., pp. 1, 6.  Bly '853 at, e.g., col. 1, 8-10, 17-19, 24.  Brummel '220 at, e.g., col. 3, 6, 9-10; claims 3, 8.  Chasen '721 at, e.g., abstract; col. 1-5, 14-16; fig. 2.  Chronaki at, e.g., p. 260-65; fig. 7.  Dourish '217 at, e.g., col. 16.  Dourish '575 at, e.g., col. 4-8, figs. 1-7 (translation of filing structures/contexts).  Dourish '982 at, e.g., col. 3, 6-7.  Dourish Building Bridges at, e.g., 14-18, fig. 2-3.  Dourish Presto at, e.g., fig. 2; pp. 4-8, 11.  Edwards '076 at, e.g., col. 14-16.  Edwards '553 at, e.g., col. 7, 9.  Estrada '148 at, e.g., col. 8, 21; fig. 10, 14-15; Table 2.  Falkenhainer '801 at, e.g., col. 4-6, 11-12.  Farman '365 at, e.g., col. 5-6; claim 1, 37.  Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.  Gillings '490 at, e.g., 2-4, 7.  Gongwer '118 at, e.g., col. 7, 9, 10; claims 1, 8, 14-15, 17.  Grambihler '655 at, e.g., col. 5-8.  Henderson '534 at, e.g., pp. 1, 3, 6-8; claims 1, 5.  Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.1, 4.2, 4.3, 5, 6.  Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.  Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.  Hind '791 at, e.g., col. 8.  Horvitz '484 at, e.g., pp. 1-2, 30-31; fig. 1, 3-5, 8.  Hubert '934 at, e.g., fig. 2 (30, 32, 34); col. 2-3, 4-5, 7-8.  Hugh '032 at, e.g., col. 20, 24, 27-28.  iManage MailSite at, e.g., Chapters 3 &amp; 5.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 7-9, fig. 6-10, 12.</p> <p>Koren '596 at, e.g., col. 2, 10, 14-15, 21; fig. 35-36.</p> <p>LaMarca '670 at, e.g., col. 10-11.</p> <p>LaMarca '682 at, e.g., col. 7, 14.</p> <p>Lamping '538 at, e.g., col. 2, 7.</p> <p>Lamping '551 at, e.g., cols. 9-16, fig. 5.</p> <p>MacNaughton '892 at, e.g., col. 6-8, 16-19; fig. 1A-1B, 3-4.</p> <p>Maritzen '181 at, e.g., abstract; pp. 3-4, 6; fig. 7-9; claim 12.</p> <p>Nochur '758 at, e.g., col. 6, 10, 13-14.</p> <p>O'Rourke '813 at, e.g., 2-9; fig. 3, 5; claim 1, 23.</p> <p>Oblinger '990 at, e.g., abstract; col. 6-9; fig. 1-2; claim 15-17, 21.</p> <p>Pitroda '990 at, e.g., col. 6, 8, 13, 21-22.</p> <p>Pizi '258 at, e.g., col. 2, 4-5, 7; claim 1.</p> <p>Salisbury '231 at, e.g., col. 10; claim 12.</p> <p>Salisbury '573 at, e.g., col. 8, 10.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8-9.</p> <p>Seliger '908 at, e.g., col. 2-5, 8-9; fig. 1, 4, 14-16; claim 1.</p> <p>Shea '938 at, e.g., abstract.</p> <p>Suchter '161 at, e.g., col. 5, 19-20; fig. 4B.</p> <p>Suchter '302 at, e.g., col. 5, 19-20; fig. 4B.</p> <p>Swartz '994 at, e.g., col. 19-20.</p> <p>Terry '380 at, e.g., abstract; col. 9-10, 17.</p> <p>Thornton '429 at, e.g., col. col. 14-15; claim 12.</p> <p>Zuberec '032 at, e.g., abstract; col. 6-7; claims 1, 13.</p>
<p>13. The method of claim 9, further comprising accessing the user environment and the second user</p>	<p>Belifore '513 at, e.g., col. 2, 4, 20, 28; fig. 1.</p>

Claim Language of '761 Patent	Invalidating Prior Art
environment using a browser.	<p>Bellotti '409 at, e.g., p. 2.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 15.</p> <p>Brummel '220 at, e.g., col. 4.</p> <p>Chasen '721 at, e.g., col. 10, 17.</p> <p>Chronaki at, e.g., pp. 259, 263.</p> <p>December at e.g., pp. 330-335.</p> <p>Dourish '217 at, e.g., col. 11.</p> <p>Dourish '575 at, e.g., col. 3, 5, 6, claim 12.</p> <p>Dourish '982 at, e.g., col. 6.</p> <p>Dourish Building Bridges at, e.g., fig. 3, p. 16 ("web-based prototype").</p> <p>Dourish Presto at, e.g., fig. 3; pp. 15-19.</p> <p>Edwards '076 at, e.g., col. 12.</p> <p>Edwards '553 at, e.g., col. 9, 14.</p> <p>Estrada '148 at, e.g., col. 5-6; fig. 2-3, 5-6, 9, 13-14, 16, 33, 35.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 3.</p> <p>Faman '365 at, e.g., col. 4, 14; Table 1A.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gongwer '118 at, e.g., col. 9.</p> <p>Grambihler '655 at, e.g., col. 3-4.</p> <p>Henderson '534 at, e.g., p. 1.</p> <p>Hess CFS at, e.g., § 5 (inc. Fig. 4).</p> <p>Hess Thesis at, e.g., §§ 4.1, 7, 7.1, 7.4.</p> <p>Hind '791 at, e.g., col. 3, 5; fig. 1-2.</p> <p>Horvitz '484 at, e.g., pp. 3, 5-6; fig. 1.</p> <p>Hubert '934 at, e.g., col 7(table showing URL, reference to Web Server).</p> <p>Hugh '032 at, e.g., col. 3, 26, 31.</p> <p>iManage MailSite at, e.g., 33-34 (inc. fig. 2.1).</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Jones '731 at, e.g., col. 6, 7 (http), 11-12 (the Web), 13, passim. One of ordinary skill in the art would appreciate that references to http, the Web and accessing documents through URLs inherently disclose the existence of a web browser.</p> <p>Koren '596 at, e.g., col. 6; fig. 21-22.</p> <p>LaMarca '670 at, e.g., fig. 5.</p> <p>LaMarca '682 at, e.g., 12.</p> <p>Lamping '538 at, e.g., col. 4, 6.</p> <p>Lamping '551 at, e.g., col. 8, 11, 13; fig. 3(12a).</p> <p>MacNaughton '892 at, e.g., abstract; col. 5; fig. 1A, 6; claims 1-3, 12.</p> <p>Maritzen '181 at, e.g., p. 6.</p> <p>Microsoft Dictionary at, e.g., p. 505 (definition of web browser).</p> <p>Oblinger '990 at, e.g., col. 6.</p> <p>Petersen '179 at, e.g., col. 8, 25; fig. 7.</p> <p>Pitroda '990 at, e.g., col. 7, 23, 52.</p> <p>Pizi '258 at, e.g., col. 6.</p> <p>Salisbury '231 at, e.g., col. 16.</p> <p>Salisbury '573 at, e.g., col. 12.</p> <p>Seliger '648 at, e.g., col. 14-15; fig. 16.</p> <p>Seliger '908 at, e.g., col. 12-13.</p> <p>Suchter '161 at, e.g., col. 4-5, 7; fig. 1A-1B, 6.</p> <p>Suchter '302 at, e.g., col. 4-5, 7; fig. 1A-1B, 6.</p> <p>Swartz '994 at, e.g., col. 20; fig. 15-17.</p> <p>Sykes '297 at, e.g., abstract; fig. 3-12.</p> <p>Terry '380 at, e.g., col. 12.</p> <p>Thornton '429 at, e.g., fig. 4.</p> <p>Zuberec '032 at, e.g., col. 3.</p>
<p>14. The method of claim 9, further comprising communicating with the user environment using a</p>	<p><i>See disclosures for claim 13, above, which are incorporated herein by reference.</i></p>

Claim Language of '761 Patent	Invalidating Prior Art
TCP/IP communication protocol.	<p>Belifore '513 at, e.g., col. 2, 4, 20, 28; fig. 1.</p> <p>Bellotti '409 at, e.g., p. 2.</p> <p>Bensimmon '678 at, e.g., pp. 1, 5-6.</p> <p>Bly '853 at, e.g., col. 15.</p> <p>Brummel '220 at, e.g., col. 4.</p> <p>Chasen '721 at, e.g., col. 10, 17.</p> <p>Chronaki at, e.g., pp. 263-64.</p> <p>December at e.g., pp. 330-335.</p> <p>Dourish '217 at, e.g., col. 11.</p> <p>Dourish '575 at, col. 3, 5, 6, claim 12 (web-based system), col. 7 (Internet). One of ordinary skill in the art would understand that web-based and Internet systems as disclosed in this reference inherently disclose communicating using the TCP/IP communication protocol.</p> <p>Dourish '982 at, e.g., col. 6.</p> <p>Dourish Building Bridges at, e.g., passim, p. 16 ("web-based prototype"). One of ordinary skill in the art would understand that web-based systems as disclosed in this reference inherently disclose communicating using the TCP/IP communication protocol.</p> <p>Dourish Presto at, e.g., fig. 1; pp. 7, 15.</p> <p>Edwards '076 at, e.g., col. 12.</p> <p>Edwards '553 at, e.g., col. 9, 14.</p> <p>Estrada '148 at, e.g., col. 10; fig. 3.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 3, 13; fig. 1.</p> <p>Farnan '365 at, e.g., col. 4, 14; Table 1A.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gongwer '118 at, e.g., col. 9.</p> <p>Grambihler '655 at, e.g., col. 3-4.</p> <p>Henderson '534 at, e.g., p. 1.</p> <p>Hess CFS at, e.g., § 5.</p> <p>Hind '791 at, e.g., col. 3, 5; fig. 1-2.</p> <p>Horvitz '484 at, e.g., pp. 3, 5-6; fig. 1.</p> <p>Hubert '934 at, e.g., col 7(table showing URL, reference to</p>



Claim Language of '761 Patent	Invalidating Prior Art
	<p>Web Server). One of ordinary skill in the art would understand that web-based systems as disclosed in this reference inherently disclose communicating using the TCP/IP communication protocol.</p> <p>Hugh '032 at, e.g., col. 3, 26, 31.</p> <p>iManage MailSite at, e.g., 15, 33-34 (inc. fig. 2.1).</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Jones '731 at, e.g., col. 6, 7 (http), 11-12 (the Web), 13, passim. One of ordinary skill in the art would appreciate that references to http, the Web and accessing documents through URLs inherently disclose communicating using the TCP/IP communication protocol.</p> <p>Koren '596 at, e.g., col. 6.</p> <p>LaMarca '670 at, e.g., fig. 5.</p> <p>LaMarca '682 at, e.g., col. 12.</p> <p>Lamping '551 at, e.g., col. 3, 11. One of ordinary skill in the art would appreciate that references to the Web inherently discloses communicating using the TCP/IP communication protocol.</p> <p>Lamping '551 at, e.g., col. 13.</p> <p>MacNaughton '892 at, e.g., abstract; col. 5; fig. 1A, 6; claims 1-3, 12.</p> <p>Maritzen '181 at, e.g., p. 6.</p> <p>Microsoft Dictionary at, e.g., p. 462 (definition of TCP/IP), p. 505 (definition of web browser).</p> <p>Oblinger '990 at, e.g., col. 6.</p> <p>Petersen '179 at, e.g., col. 1-2.</p> <p>Pitroda '990 at, e.g., cols. 7, 23, 52.</p> <p>Pizi '258 at, e.g., col. 6.</p> <p>Salisbury '231 at, e.g., col. 16.</p> <p>Salisbury '573 at, e.g., col. 12.</p> <p>Seliger '648 at, e.g., col. 4, 14-15; fig. 16.</p> <p>Seliger '908 at, e.g., col. 12-13.</p> <p>Suchter '161 at, e.g., col. 4-5, 7; fig. 1A-1B, 6.</p>

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	<p>Suchter '302 at, e.g., col. 4-5, 7; fig. 1A-1B, 6.</p> <p>Swartz '994 at, e.g., col. 9; fig. 3.</p> <p>Sykes '297 at, e.g., abstract; fig. 3-12.</p> <p>Terry '380 at, e.g., col. 12.</p> <p>Thornton '429 at, e.g., fig. 4.</p> <p>Zuberec '032 at, e.g., col. 3.</p>
<p>15. The method of claim 9, further comprising locating the user environment from a remote location using a URL address.</p>	<p><i>See disclosures for claims 13 and 14, above, which are incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 2, 4, 20, 28; fig. 1.</p> <p>Bellotti '409 at, e.g., p. 2.</p> <p>Bensimmon '678 at, e.g., pp. 5-6.</p> <p>Bly '853 at, e.g., col. 15.</p> <p>Brummel '220 at, e.g., col. 4.</p> <p>Chasen '721 at, e.g., col. 10, 17.</p> <p>Chronaki at, e.g., pp. 259-60; fig. 6.</p> <p>December at e.g., pp. 330-335.</p> <p>Dourish '217 at, e.g., col. 11.</p> <p>Dourish '575 at, e.g., col. 3, 5-7 (URLs), claim 11.</p> <p>Dourish '982 at, e.g., col. 6.</p> <p>Dourish Building Bridges at, e.g., passim, p. 16 ("web-based prototype"). One of ordinary skill in the art would understand that web-based systems inherently locate a desired resource using a URL address.</p> <p>Dourish Presto at, e.g., fig. 1; pp. 7, 15.</p> <p>Edwards '076 at, e.g., col. 12.</p> <p>Edwards '553 at, e.g., col. 9, 14.</p> <p>Estrada '148 at, e.g., col. 8; fig. 14, 25.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 3, 13; fig. 1.</p> <p>Farnan '365 at, e.g., col. 4, 14; Table 1A.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Gongwer '118 at, e.g., col. 9.</p> <p>Grambihler '655 at, e.g., col. 3-4.</p> <p>Henderson '534 at, e.g., p. 1.</p> <p>Hess CFS at, e.g., § 5.</p> <p>Hind '791 at, e.g., col. 3, 5; fig. 1-2.</p> <p>Horvitz '484 at, e.g., pp. 3, 5-6; fig. 1.</p> <p>Hubert '934 at, e.g., col 7(table showing URL, reference to Web Server).</p> <p>Hugh '032 at, e.g., col. 3, 26, 31.</p> <p>iManage MailSite at, e.g., 15, 33-34 (inc. fig. 2.1), 47, 58, 118.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Jones '731 at, e.g., fig. 4, col. 6, claim 19, passim (URLs).</p> <p>Koren '596 at, e.g., col. 6, 11.</p> <p>LaMarca '670 at, e.g., fig. 5.</p> <p>LaMarca '682 at, e.g., col. 12.</p> <p>Lamping '551 at, e.g., col. 3, 11. One of ordinary skill in the art would understand that web-based systems inherently locate a desired resource using a URL address.</p> <p>Lamping '551 at, e.g., col. 13.</p> <p>MacNaughton '892 at, e.g., abstract; col. 5; fig. 1A, 6; claims 1-3, 12.</p> <p>Maritzen '181 at, e.g., p. 6.</p> <p>Microsoft Dictionary at, e.g., p. 462 (definition of TCP/IP), p. 487 (definition of URL), p. 505 (definition of web browser).</p> <p>Oblinger '990 at, e.g., col. 6.</p> <p>Petersen '179 at, e.g., col. 1-2.</p> <p>Pitroda '990 at, e.g., col. 7, 23, 52.</p> <p>Pizi '258 at, e.g., col. 6.</p> <p>Salisbury '231 at, e.g., col. 16.</p> <p>Salisbury '573 at, e.g., col. 12.</p> <p>Seliger '648 at, e.g., col. 13-15; fig. 16.</p>

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	<p>Seliger '908 at, e.g., col. 4, 12-13; claim 1.</p> <p>Suchter '161 at, e.g., col. 4-5, 7; fig. 1A-1B, 6.</p> <p>Suchter '302 at, e.g., col. 4-5, 7; fig. 1A-1B, 6.</p> <p>Swartz '994 at, e.g., col. 20; fig. 15-17.</p> <p>Sykes '297 at, e.g., abstract; fig. 3-12.</p> <p>Terry '380 at, e.g., col. 12.</p> <p>Thornton '429 at, e.g., fig. 4.</p> <p>Zuberec '032 at, e.g., col. 3.</p>
<p>16. The method of claim 9, further comprising accessing the user environment via a portable wireless device.</p>	<p>Ausems '403 at, e.g., col. 1, 7, 9.</p> <p>Belifore '513 at, e.g., col. 6, 19, 28.</p> <p>Bensimmon '678 at, e.g., pp. 1-3; fig. 1-2.</p> <p>Brummel '220 at, e.g., 14.</p> <p>Chasen '721 at, e.g., col. 6.</p> <p>Dourish '982 at, e.g., col. 2.</p> <p>Farnan '365 at, e.g., 3.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., p. 1.</p> <p>Hess CFS at, e.g., Abstract, § 3 (inc. fig. 3), § 5.</p> <p>Hess Manual at, e.g., § 7.</p> <p>Hess Thesis at, e.g., §§ 4.4, 4.6, 5.8.5, 7.4.</p> <p>Hind '791 at, e.g., col. 3, 5.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-2.</p> <p>iManage MailSite at, e.g., 103, 182-186.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Koren '596 at, e.g., col. 5, 16.</p> <p>Maritzen '181 at, e.g., p. 2-3.</p> <p>Oblinger '990 at, e.g., col. 14.</p> <p>Pitroda '990 at, e.g., cols. 6-7, 22; claims 17, 20, 22.</p>

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	<p>Pizi '258 at, e.g., col. 6.</p> <p>Seliger '908 at, e.g., claim 23.</p> <p>Sykes '297 at, e.g., p. 2.</p> <p>Zuberec '032 at, e.g., abstract; col. 1; fig. 3-5.</p>
<p>21. A computer-readable medium for storing computer-executable instructions for a method of managing data, the method comprising:</p>	<p><i>See disclosures for claim 1, supra, which are incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 2-3, 6, 28; fig. 1.</p> <p>Bellotti '409 at, e.g., abstract; p. 3; fig. 19.</p> <p>Bensimmon '678 at, e.g., pp. 1, 3.</p> <p>Bly '853 at, e.g., abstract; col. 1.</p> <p>Brummel '220 at, e.g., abstract; col. 2-4; claim 24.</p> <p>Chasen '721 at, e.g., abstract; col. 6; claims 22, 33.</p> <p>Chronaki at, e.g., abstract.</p> <p>Dourish '217 at, e.g., abstract.</p> <p>Dourish '575 at, e.g., Abstract, Fig. 1, col. 2-3 (summary), 3-4 (detailed description), <i>passim</i>.</p> <p>Dourish '982 at, e.g., abstract.</p> <p>Dourish Building Bridges at, e.g., Abstract, 14-16.</p> <p>Dourish Presto at, e.g., p. 1.</p> <p>Edwards '076 at, e.g., abstract.</p> <p>Edwards '553 at, e.g., abstract.</p> <p>Estrada '148 at, e.g., abstract; col. 5-6; claims 22-24.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 1-2.</p> <p>Faman '365 at, e.g., abstract; col. 1-2; claim 1.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., abstract; col. 4.</p> <p>Gongwer '118 at, e.g., col. 1, 3; claim 31.</p> <p>Grambihler '655 at, e.g., abstract; col. 2-4; fig. 1; claim 27.</p> <p>Henderson '534 at, e.g., abstract; pp. 1, 3-4; claim 1.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 5, <i>passim</i>.</p>

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	<p>Hess Manual at, e.g., §§ 1, <i>passim</i>.</p> <p>Hess Thesis at, e.g., §§ 1.1, 1.2, 1.4, 2.1, 3.1, <i>passim</i>.</p> <p>Hind '791 at, e.g., abstract; col. 1, 3; fig. 2; claim 25.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-3; fig. 1; claims 1, 18.</p> <p>Hubert '934 at, e.g., Abstract, col. 1-4.</p> <p>Hugh '032 at, e.g., abstract; col. 2, 26-27.</p> <p>iManage MailSite at, e.g., Chapter 2.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., Abstract, col. 2-3 (summary), 4-6.</p> <p>Koren '596 at, e.g., abstract; col. 5; fig. 1, 2, 5A, 14.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2.</p> <p>LaMarca '682 at, e.g., abstract.</p> <p>Lamping '538 at, e.g., col. 1.</p> <p>Lamping '551 at, e.g., Abstract, col. 7-8, 10-12, <i>passim</i>.</p> <p>MacNaughton '892 at, e.g., abstract; claim 23.</p> <p>Maritzen '181 at, e.g., abstract; claims 1, 22.</p> <p>Nochur '758 at, e.g., col. 3-4, 9.</p> <p>O'Rourke '813 at, e.g., abstract, col. 5; claims 1, 3, 5, 8, 10, 16, 20, 23, 30-32, 38-39.</p> <p>Oblinger '990 at, e.g., claim 23.</p> <p>Petersen '179 at, e.g., col. 1-2, 6, 15.</p> <p>Pitroda '990 at, e.g., col. 1-2; claim 23.</p> <p>Pizi '258 at, e.g., abstract; col. 6.</p> <p>Salisbury '231 at, e.g., abstract; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; claim 1.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 5, 9, 16-17; fig. 7.</p> <p>Seliger '908 at, e.g., abstract; col. 3-4, 6; claim 49.</p> <p>Shea '938 at, e.g., abstract; col. 5.</p> <p>Suchter '161 at, e.g., abstract; fig. 1A-1B, 6; claim 30.</p>

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	<p>Suchter '302 at, e.g., abstract; fig. 1A-1B, 6; claim 30.</p> <p>Swartz '994 at, e.g., col. 1, 3; fig. 3, 5.</p> <p>Sykes '297 at, e.g., abstract; p. 2; claim 15, 29.</p> <p>Terry '380 at, e.g., abstract.</p> <p>Thomton '429 at, e.g., abstract.</p> <p>Zuberec '032 at, e.g., abstract; col. 7; claims 13, 19, 24.</p>
<p>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.</p>	<p><i>See disclosures for claim 1, supra, which are incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 2-4, 10-19, 20-21, 28-32, 43-45; fig. 1, 5.</p> <p>Bellotti '409 at, e.g., pp. 2-5, 11; claims 1-3, 6-8.</p> <p>Bensimmon '678 at, e.g., abstract; pp. 1, 3, 6; fig. 1-4.</p> <p>Bly '853 at, e.g., abstract; col. 1, 8-10, 15, 17-19, 24, 28-29; fig. 2; claim 1.</p> <p>Brummel '220 at, e.g., col. 2-10; fig. 4; claims 1, 3, 8, 24.</p> <p>Chasen '721 at, e.g., abstract; col. 1-6, 10-16; fig. 2; claim 1.</p> <p>Chronaki at, e.g., pp. 260-65; fig. 6-7.</p> <p>Dourish '217 at, e.g., col. 7, 9-10, 16; fig. 4.</p> <p>Dourish '575 at, e.g., col. 3-9, figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 3, 6-7.</p> <p>Dourish Building Bridges at, e.g., Abstract, 14-19.</p> <p>Dourish Presto at, e.g., fig. 1, 2; pp. 1-2, 4-8, 11, 15-19.</p> <p>Edwards '076 at, e.g., col. 11, 13-16; fig. 1, 3.</p> <p>Edwards '553 at, e.g., abstract; col. 7, 9-11, 14; fig. 1-2, 4, 9a-9b.</p> <p>Estrada '148 at, e.g., abstract; col. 5-6, 8, 12, 16-17, 21, 27-28; fig. 1-3, 5-6, 9-10, 12-15, 22; Table 1-2; claim 1, 4, 6, 10.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 3-7, 11-12; fig. 1.</p> <p>Farnan '365 at, e.g., abstract; col. 1-4, 10-13, 26; fig. 2, 4-10; Table 1A, 1C; claim 1, 2, 4.</p>

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	<p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 2-4, 6-7; fig. 1, 8-10.</p> <p>Gongwer '118 at, e.g., col. 3-4, 6-10; claim 1, 8, 14-15, 17, 31.</p> <p>Grambihler '655 at, e.g., abstract; col. 1-2; fig. 1.</p> <p>Henderson '534 at, e.g., abstract; pp. 1-8; fig. 5, 7, 9; claims 1, 5, 7.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 2.3, 3.1, 4.3, 5, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 3.1, 3.2, 3.4, 3.4.1, 4.5, 4.5.2, 4.5.3, 4.5.4, 4.5.5, 5.5.</p> <p>Hind '791 at, e.g., col. 3, 5-8, 12; fig. 1-2; claim 25, 31.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-2, 4-7, 9, 14, 27-28, 30-31; fig. 1-5.</p> <p>Hubert '934 at, e.g., col. 2-4, Fig. 1-2, col. 5-8.</p> <p>Hugh '032 at, e.g., col. 3, 5-6, 13, 20-22, 24, 27-28; fig. 1, 3.</p> <p>iManage MailSite at, e.g., Chapters 3-5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 2-3 (summary), 4-12 (description), figs. 2-12. claim 1.</p> <p>Koren '596 at, e.g., col. 1-2, 5, 9-11, 14-15, 21-23; fig. 2, 5A, 24A, 32.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2, 10-11; fig. 3, 5.</p> <p>LaMarca '682 at, e.g., abstract; col. 7-12; fig. 1; claim 1.</p> <p>Lamping '538 at, e.g., col. 1-4, 6-8.</p> <p>Lamping '551 at, e.g., abstract; cols. 2, 9-16, figs. 1-5.</p> <p>MacNaughton '892 at, e.g., abstract; col. 1-3, 5-8, 16-19; fig. 1A-1B, 3-4; claim 1, 6, 9, 12, 23.</p> <p>Maritzen '181 at, e.g., abstract; fig. 7-9; pp. 2-6; claims 9-13, 20, 22.</p> <p>Nochur '758 at, e.g., col. 5-7, 10, 13-14; fig. 2, 7.</p> <p>O'Rourke '813 at, e.g., 2-9; fig. 3, 5; claim 1, 23.</p>



Claim Language of '761 Patent	Invalidating Prior Art
	<p>Oblinger '990 at, e.g., abstract; col. 5-12; fig. 1-3, 5; claims 23-24, 29.</p> <p>Petersen '179 at, e.g., col. 1-2, 6-7, 10, 13, 15, 17, 26, 28; fig. 5.</p> <p>Pitroda '990 at, e.g., col. 5-8, 13, 18-19, 21, 23, 52; fig. 6, 10, 10AA-10AE, 11A, 12, 13A, 14A, 15A, 17A, 19A, 20A, 21A, 22A, 23, 24; claim 10, 12, 13.</p> <p>Pizi '258 at, e.g., col. 2-7; claim 1, 5.</p> <p>Salisbury '231 at, e.g., col. 10-12, 16; fig. 1-2; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; col. 8, 10-12, 13; fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '313 at, e.g., claims 1, 3, 9.</p> <p>Seliger '648 at, e.g., col. 1-4, 7-9, 12, 14-15; fig. 16.</p> <p>Seliger '908 at, e.g., abstract; col. 2-9; fig. 1, 4, 14-16; claim 9, 11, 49.</p> <p>Shea '938 at, e.g., abstract; col. 2-3, 6, 8; fig. 1; claim 1, 4, 6, 12, 14.</p> <p>Suchter '161 at, e.g., col. 1, 4-6, 8, 14, 17-21, 25; fig. 1A-1B, 4B, 6.</p> <p>Suchter '302 at, e.g., col. 1, 4-6, 8, 14, 17-21, 25; fig. 1A-1B, 4B, 6.</p> <p>Swartz '994 at, e.g., 4, 6-10, 18-20; fig. 3.</p> <p>Sykes '297 at, e.g., abstract; p. 1; fig. 1, 3-13.</p> <p>Terry '380 at, e.g., col. 10-12, 14, , 17; fig. 1; claim 1, 11, 14-15.</p> <p>Thornton '429 at, e.g., abstract; col. 7-8, 10, 13-15; fig. 1, 4; claim 12.</p> <p>Zuberec '032 at, e.g., abstract; col. 2-3, 6-7; fig. 2; claim 1, 13, 19, 24.</p>
<p>23. A computer-implemented system that facilitates management of data, comprising:</p>	<p><i>See claim 1, supra, the disclosures of which are hereby incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 2-3; fig. 1.</p> <p>Bellotti '409 at, e.g., abstract; p. 3; fig. 19.</p>

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	<p>Bensimmon '678 at, e.g., pp. 1, 3.</p> <p>Bly '853 at, e.g., abstract; col. 1; claim 18.</p> <p>Brummel '220 at, e.g., abstract; col. 2, 4.</p> <p>Chasen '721 at, e.g., abstract; col. 6; claim 1.</p> <p>Chronaki at, e.g., abstract.</p> <p>Dourish '217 at, e.g., abstract.</p> <p>Dourish '575 at, e.g., Abstract, Fig. 1, col. 2-3 (summary), 3-4 (detailed description), <i>passim</i>.</p> <p>Dourish '982 at, e.g., abstract.</p> <p>Dourish Building Bridges at, e.g., Abstract, 14-16.</p> <p>Dourish Presto at, e.g., p. 1.</p> <p>Edwards '076 at, e.g., abstract.</p> <p>Edwards '553 at, e.g., abstract.</p> <p>Estrada '148 at, e.g., abstract; claim 1.</p> <p>Falkenhainer '801 at, e.g., abstract; col. 1-2.</p> <p>Farnan '365 at, e.g., abstract; col. 1-2; claim 1.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., abstract; col. 4.</p> <p>Gongwer '118 at, e.g., col. 1, 3.</p> <p>Grambihler '655 at, e.g., abstract; col. 2-4; fig. 1.</p> <p>Henderson '534 at, e.g., abstract. pp. 1, 3-4; claim 1.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 5, <i>passim</i>.</p> <p>Hess Manual at, e.g., §§ 1, <i>passim</i>.</p> <p>Hess Thesis at, e.g., §§ 1.1, 1.2, 1.4, 2.1, 3.1, <i>passim</i>.</p> <p>Hind '791 at, e.g., abstract; col. 1, 3; fig. 2; claim 50.</p> <p>Horvitz '484 at, e.g., abstract; pp. 1-3; fig. 1.</p> <p>Hubert '934 at, e.g., Abstract, col. 1-4.</p> <p>Hugh '032 at, e.g., abstract; col. 2, 26-27.</p> <p>iManage MailSite at, e.g., Chapter 2.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p>

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	<p>Jones '731 at, e.g., Abstract, col. 2-3 (summary), 4-6.</p> <p>Koren '596 at, e.g., abstract; col. 5; fig. 1-2, 5A, 14.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2.</p> <p>LaMarca '682 at, e.g., abstract.</p> <p>Lamping '538 at, e.g., col. 1.</p> <p>Lamping '551 at, e.g., Abstract, col. 7-8, 10-12, <i>passim</i>.</p> <p>MacNaughton '892 at, e.g., abstract.</p> <p>Maritzen '181 at, e.g., abstract; claim 1.</p> <p>Nochur '758 at, e.g., col. 3-4, 9.</p> <p>O'Rourke '813 at, e.g., abstract, col. 5; claims 1, 3, 5, 8, 10, 16, 20, 23, 30-32, 38-39.</p> <p>Oblinger '990 at, e.g., abstract; claim 1.</p> <p>Petersen '179 at, e.g., col. 1-2, 6.</p> <p>Pitroda '990 at, e.g., col. 1-2; claims 1, 12.</p> <p>Pizi '258 at, e.g., abstract; col. 6.</p> <p>Salisbury '231 at, e.g., abstract; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; claim 6.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., 1-2, 5, 9; fig. 7.</p> <p>Seliger '908 at, e.g., abstract, col. 3-4; claim 35.</p> <p>Shea '938 at, e.g., abstract.</p> <p>Suchter '161 at, e.g., abstract; fig. 1A-1B, 6.</p> <p>Suchter '302 at, e.g., abstract; fig. 1A-1B, 6.</p> <p>Swartz '994 at, e.g., col. 1, 3.</p> <p>Sykes '297 at, e.g., abstract.</p> <p>Terry '380 at, e.g., abstract.</p> <p>Thornton '429 at, e.g., abstract.</p> <p>Zuberec '032 at, e.g., abstract; col. 7.</p>
<p>a computer-implemented context component of a web-based server for defining a first user workspace</p>	<p><i>See claim 1, supra, the disclosures of which are hereby incorporated herein by reference.</i></p>

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<p>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.</p>	<p>Belifore '513 at, e.g., col. 2-4, 10-17, 20-21, 28-32; fig. 1.  Bellotti '409 at, e.g., pp. 2-5, 11; claims 1-3, 6-8.  Bensimmon '678 at, e.g., abstract; pp. 1, 3, 6; fig. 1-4.  Bly '853 at, e.g., abstract; col. 1, 8-10, 17-19, 24, 28-29; fig. 2.  Brummel '220 at, e.g., col. 2-10; claims 1, 3, 8.  Chasen '721 at, e.g., abstract; col. 1-5, 10-16; fig. 2; claim 1.  Chronaki at, e.g., pp. 260-65; fig. 6-7.  Dourish '217 at, e.g., col. 7, 10, 16; fig. 4.  Dourish '575 at, e.g., col. 3-9, figs. 1-7.  Dourish '982 at, e.g., col. 3, 6-7.  Dourish Building Bridges at, e.g., Abstract, 14-19.  Dourish Presto at, e.g., fig. 1, 3; pp. 4, 6-7, 10-11, 15-16, 18.  Edwards '076 at, e.g., col. 11, 13-16; fig. 1, 3.  Edwards '553 at, e.g., abstract; col. 7, 9-11, 14; fig. 1-2, 4, 9a-9b.  Estrada '148 at, e.g., abstract; col. 5-6, 8, 12, 17, 21, 27-28; fig. 1-3, 5-6, 9-10, 12-15, 22; Table 1-2; claim 1, 4, 6, 10.  Falkenhainer '801 at, e.g., abstract; col. 3-7, 11-12; fig. 1.  Farnan '365 at, e.g., abstract; col. 1-4, 11-13; fig. 2, 4-9; Table 1A, 1C; claim 1, 2, 4, 26.  Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.  Gillings '490 at, e.g., col. 2-4, 6-7; fig. 8-10.  Gongwer '118 at, e.g., col. 3-4, 6-11; claims 1, 8, 14-15.  Grambihler '655 at, e.g., col. 1-2.  Henderson '534 at, e.g., abstract; pp. 1-4, 6-8; fig. 5, 7, 9; claims 1, 5, 7.  Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 2.3, 3.1, 4.3, 5, 6.  Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.  Hess Thesis at, e.g., §§ 3.1, 3.2, 3.4, 3.4.1, 4.5, 4.5.2, 4.5.3, 4.5.4, 4.5.5, 5.5.  Hind '791 at, e.g., col. 3, 5-8, 12; fig. 2; claims 7, 50.</p>

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	<p>Horvitz '484 at, e.g., abstract; pp. 1-2, 5-7, 9, 14, 27-28, 30-31; fig. 1-5.</p> <p>Hubert '934 at, e.g., col. 2-4, Fig. 1-2, col. 5-8.</p> <p>Hugh '032 at, e.g., col. 5-6, 13, 20, 24, 27-28; fig. 1, 3.</p> <p>iManage MailSite at, e.g., Chapters 3-5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 2-3 (summary), 4-12 (description), figs. 2-12. claim 1.</p> <p>Koren '596 at, e.g., col. 1-2, 5, 10, 14-15, 21-23; fig. 2, 5A, 24A, 32.</p> <p>LaMarca '670 at, e.g., abstract; col. 1-2, 10-11; fig. 3, 5.</p> <p>LaMarca '682 at, e.g., abstract; col. 7-8, 10-12; fig. 1; claim 1.</p> <p>Lamping '538 at, e.g., col. 1-3, 6-8.</p> <p>Lamping '551 at, e.g., abstract; cols. 2, 9-16, figs. 1-5.</p> <p>MacNaughton '892 at, e.g., abstract; col. 1-3, 6-8, 16-19; fig. 1A-1B, 3-4; claim 1, 12.</p> <p>Maritzen '181 at, e.g., abstract; pp 3-4, 6; fig. 7-9; claims 9-13; 20.</p> <p>Nochur '758 at, e.g., col. 5-7, 10, 13-14; fig. 2, 7.</p> <p>O'Rourke '813 at, e.g., 2-9; fig. 3, 5; claim 1, 23.</p> <p>Oblinger '990 at, e.g., abstract; col. 5-10; fig. 1-3, 5; claim 1-2, 4-5, 8, 10-11.</p> <p>Petersen '179 at, e.g., col. 1-3, 6-7, 10, 15, 17, 26; fig. 5.</p> <p>Pitroda '990 at, e.g., col. 5-8, 12-13, 19, 21, 23, 52; fig. 6, 10AA-10AE, 11A, 12, 13A, 14A, 15A, 17A, 19A, 20A, 21A, 22A, 23, 24; claim 1, 10, 12.</p> <p>Pizi '258 at, e.g., col. 2, 4-7; claim 1, 5.</p> <p>Salisbury '231 at, e.g., col. 9-11, 16; fig. 1-2; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; col. 8, 10-12, 13; fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '313 at, e.g., claims 1, 3, 9.</p> <p>Seliger '648 at, e.g., col. 1-4, 5, 7-9, 12, 14-15; fig. 7, 16.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Seliger '908 at, e.g., abstract; col. 2-5, 8-9; fig. 1, 4, 7; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 2-3, 6, 8; fig. 1; claims 1, 4, 6, 12, 14.</p> <p>Suchter '161 at, e.g., col. 1, 4-5, 8, 14, 17-21; fig. 1A-1B, 4B, 6.</p> <p>Suchter '302 at, e.g., col. 1, 4-5, 8, 14, 17-21; fig. 1A-1B, 4B, 6.</p> <p>Swartz '994 at, e.g., col. 4, 6-10, 17, 19-20; fig. 5.</p> <p>Sykes '297 at, e.g., abstract; p. 1; fig. 1, 3-13.</p> <p>Terry '380 at, e.g., col. 10-12, 14, , 17; fig. 1; claim 1, 11, 14-15.</p> <p>Thornton '429 at, e.g., abstract; col. 7-8, 13-15; fig. 1, 4; claim 12.</p> <p>Zuberec '032 at, e.g., abstract; col. 2-3, 6-7; claims 1, 13.</p>
<p>24. The system of claim 23, wherein the tracking component automatically creates the metadata when the user accesses the first user workspace.</p>	<p><i>See disclosures for claim 8, supra, the disclosures of which are incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 31-32.</p> <p>Bellotti '409 at, e.g., p. 10.</p> <p>Bensimmon '678 at, e.g., pp. 1, 6.</p> <p>Bly '853 at, e.g., col. 23-24, 26-27; fig. 13.</p> <p>Brummel '220 at, e.g., col. 6.</p> <p>Chasen '721 at, e.g., col. 4-5, 16-17.</p> <p>Chronaki at, e.g., pp. 260-64.</p> <p>Dourish '217 at, e.g., col. 4-5, 15-16.</p> <p>Dourish '575 at, e.g., col. 4-8 (discussion of initial filing context); figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 3, 5-8; fig. 8.</p> <p>Dourish Building Bridges at, e.g., 14-16, fig. 2, 17-18 (categories, including fig. 3).</p> <p>Dourish Presto at, e.g., pp. 4-5, 15-19.</p> <p>Dourish Presto at, e.g., §§ 6.1. pp. 15-19, 7-11, 4; fig. 2, 3.</p>

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	<p>Edwards '076 at, e.g., col. 11.</p> <p>Edwards '553 at, e.g., col. 11-13.</p> <p>Estrada '148 at, e.g., col. 13.</p> <p>Falkenhainer '801 at, e.g., col. 3-4.</p> <p>Farnan '365 at, e.g., col. 4.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 2-4, 7.</p> <p>Gongwer '118 at, e.g., col. 3.</p> <p>Grambihler '655 at, e.g., col. 4-8; fig. 1.</p> <p>Henderson '534 at, e.g., pp. 5, 9.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., 8, 10.</p> <p>Horvitz '484 at, e.g., pp. 6-7, 27-28, 30-31.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2, fig 1.</p> <p>Hugh '032 at, e.g., col. 5-6, 13; fig. 1, 3.</p> <p>iManage MailSite at, e.g., Chapters 3 &amp; 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 4-6, 9-12, figs. 4(404), 6-8, 12.</p> <p>Koren '596 at, e.g., col. 2, 15, 21.</p> <p>LaMarca '670 at, e.g., col. 9.</p> <p>Lamping '551 at, e.g., col. 11, 14-16, fig. 5.</p> <p>MacNaughton '892 at, e.g., col. 17.</p> <p>Maritzen '181 at, e.g., p. 2.</p> <p>Nochur '758 at, e.g., col. 5.</p> <p>O'Rourke '813 at, e.g., col. 6-7; fig. 6.</p> <p>Oblinger '990 at, e.g., col. 6; claim 21.</p> <p>Petersen '179 at, e.g., col. 10, 17.</p>

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	<p>Pitroda '990 at, e.g., col. 8, 13, 19.</p> <p>Salisbury '231 at, e.g., col. 11.</p> <p>Salisbury '573 at, e.g., col. 11-12, 16-17; fig. 3, 6.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2.</p> <p>Seliger '908 at, e.g., col. 2-5, 8-9.</p> <p>Shea '938 at, e.g., col. 6.</p> <p>Suchter '161 at, e.g., col. 7.</p> <p>Suchter '302 at, e.g., col. 7.</p> <p>Swartz '994 at, e.g., col. 6-8.</p> <p>Terry '380 at, e.g., col. 11-12.</p> <p>Thornton '429 at, e.g., col. 11, 13-14; fig. 4-5.</p>
<p>25. The system of claim 23, wherein the context component captures relationship data associated with a relationship between the first user workspace and at least one other user workspace.</p>	<p><i>See claim 5, supra, the disclosures of which are incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 15-16.</p> <p>Bellotti '409 at, e.g., p. 5; claims 1-2.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 24, 28-29.</p> <p>Brummel '220 at, e.g., col. 3, 5-6; fig. 4.</p> <p>Chasen '721 at, e.g., col. 14-15.</p> <p>Chronaki at, e.g., pp. 260-61; fig. 7.</p> <p>Dourish '217 at, e.g., col. 7-8; fig. 1, 3.</p> <p>Dourish '575 at, e.g., col. 4-8 (discussion of initial filing context); figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 5.</p> <p>Dourish Building Bridges at, e.g., 14-16 &amp; fig. 2, 16.</p> <p>Dourish Presto at, e.g., fig. 2, 3; pp. 4, 9-10, 16-19.</p> <p>Edwards '076 at, e.g., col. 9, 13-14; fig. 1, 3.</p> <p>Edwards '553 at, e.g., col. 9-13; fig. 1, 2.</p> <p>Estrada '148 at, e.g., 17, 21; Table 2.</p>



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	<p>Falkenhainer '801 at, e.g., col. 5, 13.</p> <p>Farnan '365 at, e.g., col. 5-6.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 3-4; fig. 1.</p> <p>Gongwer '118 at, e.g., col. 9-10.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., abstract; p. 6.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 5, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 3-5, 7-8, claim 50.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2, fig 1(16).</p> <p>Hugh '032 at, e.g., col. 5-6, 13; fig. 1-3.</p> <p>iManage MailSite at, e.g., Chapters 3 &amp; 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 7-10, fig. 6-11, fig. 12 (showing multiple contexts).</p> <p>Koren '596 at, e.g., col. 15, 21.</p> <p>LaMarca '670 at, e.g., col. 9-11.</p> <p>LaMarca '682 at, e.g., col. 7-8, fig. 1.</p> <p>Lamping '538 at, e.g., col. 6-7.</p> <p>Lamping '551 at, e.g., col. 12-16, fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 8, 17.</p> <p>Maritzen '181 at, e.g., pp. 5-6.</p> <p>Nochur '758 at, e.g., col. 3-4.</p> <p>O'Rourke '813 at, e.g., fig. 5.</p> <p>Oblinger '990 at, e.g., fig. 3, 5.</p> <p>Petersen '179 at, e.g., col. 6-7.</p> <p>Pitroda '990 at, e.g., col. 6, 8, 13.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Pizi '258 at, e.g., col. 5-7.</p> <p>Salisbury '231 at, e.g., col. 9-10; fig. 1.</p> <p>Salisbury '573 at, e.g., col. 8; fig. 1.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8-9.</p> <p>Seliger '908 at, e.g., col. 3-4, 6; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 5, 8; fig. 1.</p> <p>Suchter '161 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Suchter '302 at, e.g., col. 14; fig. 3A-3B, 4A.</p> <p>Swartz '994 at, e.g., col. 4, 6, 19.</p> <p>Terry '380 at, e.g., fig. 1; claims 1, 11, 15.</p> <p>Thornton '429 at, e.g., fig. 3.</p> <p>Zuberec '032 at, e.g., col. 6-7; claims 16, 21.</p>
<p>26. The system of claim 23, 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.</p>	<p>Belifore '513 at, e.g., col. 16-17, 20, 29, 43-45.</p> <p>Bellotti '409 at, e.g., pp. 5-6; fig. 9-10.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 23-24, 26-27; fig. 13.</p> <p>Brummel '220 at, e.g., col. 3-6; fig. 4.</p> <p>Chasen '721 at, e.g., col. 4-5, 16-17.</p> <p>Chronaki at, e.g., pp. 260-61.</p> <p>Dourish '217 at, e.g., col. 4-5, 15-16.</p> <p>Dourish '575 at, e.g., col. 4-8; figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 3, 5-8; fig. 8.</p> <p>Dourish Building Bridges at, e.g., 14-17, figs 2-3.</p> <p>Dourish Presto at fig. 3; pp. 3, 6-8, 12, 16-18; claim 1.</p> <p>Edwards '076 at, e.g., col. 7, 9.</p> <p>Edwards '553 at, e.g., col. 7, 9; fig. 1, 2.</p> <p>Estrada '148 at, e.g., col. 21.</p> <p>Falkenhainer '801 at, e.g., col. 3-4.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Farnan '365 at, e.g., col. 10.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 2-4, 7.</p> <p>Gongwer '118 at, e.g., claims 14-15.</p> <p>Grambihler '655 at, e.g., col. 4-8; fig. 1.</p> <p>Henderson '534 at, e.g., p. 3.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 3, 5.</p> <p>Horvitz '484 at, e.g., p. 4.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2(30, 32, 34).</p> <p>Hugh '032 at, e.g., col. 2, 6, 17-18, 21-22.</p> <p>iManage MailSite at, e.g., Chapters 3 &amp; 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 7-11, figs. 6-10, 12.</p> <p>Koren '596 at, e.g., col. 9-10.</p> <p>LaMarca '670 at, e.g., col. 9-11.</p> <p>LaMarca '682 at, e.g., 7, 14; fig. 1.</p> <p>Lamping '538 at, e.g., col. 7-8.</p> <p>Lamping '551 at, e.g., col. 13-16, fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 1-2, 5-8.</p> <p>Maritzen '181 at, e.g., pp. 6.</p> <p>Nochur '758 at, e.g., col. 3-4, 12.</p> <p>O'Rourke '813 at, e.g., col. 6-7; fig. 6.</p> <p>Oblinger '990 at, e.g., col. 6-9, 14; fig. 2.</p> <p>Petersen '179 at, e.g., col. 11.</p> <p>Pitroda at figs. 10AA-10AE, 11A, 12, 13A, 14A, 15A, 17A, 19A, 20A, 21A, 22A, 23, 24; cols. 12, 18, 21.</p>

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	<p>Pizi '258 at, e.g., col. 5-6.</p> <p>Salisbury '231 at, e.g., col. 9-10; fig. 1.</p> <p>Salisbury '573 at, e.g., col. 8, 11-12, 16-17; fig. 1, 3, 6.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., fig. 16.</p> <p>Seliger '908 at, e.g., col. 1-2.</p> <p>Shea '938 at, e.g., abstract; fig. 2-3, 6-7.</p> <p>Suchter '161 at, e.g., col. 9-11; fig. 3A-3B.</p> <p>Suchter '302 at, e.g., col. 9-11; fig. 3A-3B.</p> <p>Swartz '994 at, e.g., col. 20.</p> <p>Terry '380 at, e.g., col. 9, 17-18.</p> <p>Thornton '429 at, e.g., col. 11, 13-14; fig. 4-5.</p> <p>Zuberec '032 at, e.g., abstract; col. 1-2, 7; fig. 5.</p>
<p>29. The system of claim 23, wherein when the data created in the first user workspace is accessed from the second user workspace, in response to which the context component adds information to the metadata about the second user workspace.</p>	<p>Belifore '513 at, e.g., col. 10-17, 20-21, 29-31; fig. 5.</p> <p>Bellotti '409 at, e.g., pp. 4-5, 11; claims 6-8.</p> <p>Bensimmon '678 at, e.g., pp. 1, 6.</p> <p>Bly '853 at, e.g., col. 1, 8-10, 17-19, 24.</p> <p>Brummel '220 at, e.g., col. 3, 6, 9-10; claims 3, 8.</p> <p>Chasen '721 at, e.g., abstract; col. 1-5, 14-16; fig. 2.</p> <p>Chronaki at, e.g., pp. 260-65; fig. 7.</p> <p>Dourish '217 at, e.g., col. 16.</p> <p>Dourish '575 at, e.g., col. 4-8; figs. 1-7.</p> <p>Dourish '982 at, e.g., col. 3, 6-7.</p> <p>Dourish Building Bridges at, e.g., 14-19, figs. 2-3.</p> <p>Dourish Presto at figs. 2, 3; pp. 4, 7, 18.</p> <p>Edwards '076 at, e.g., col. 14-16.</p> <p>Edwards '553 at, e.g., col. 7, 9, 11-13.</p> <p>Estrada '148 at, e.g., col. 8, 21; fig. 10, 14-15; Table 2.</p> <p>Falkenhainer '801 at, e.g., col. 1-6, 11-12.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Farnan '365 at, e.g., abstract; col. 2-4, 11-13; fig. 4-9; Table 1A, 1C; claims 2, 4, 26.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 2-4, 7.</p> <p>Gongwer '118 at, e.g., col. 7, 9-10; claims 1, 8, 14-15.</p> <p>Grambihler '655 at, e.g., col. 1-2.</p> <p>Henderson '534 at, e.g., pp. 1, 3, 6-8; fig. 7; claims 1, 5.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 8, 12; fig. 2; claims 1, 7, 50.</p> <p>Horvitz '484 at, e.g., pp. 1-2, 30-31; fig. 1, 3-5, 8.</p> <p>Hubert '934 at, e.g., col. 4-5, 7-8; fig. 2(30, 32, 34).</p> <p>Hugh '032 at, e.g., col. 20, 24, 27-28.</p> <p>iManage MailSite at, e.g., Chapters 3 &amp; 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 7-11, figs. 6-10, 12.</p> <p>Koren '596 at, e.g., col. 2, 10, 14-15, 21; fig. 35-36.</p> <p>LaMarca '670 at, e.g., col. 10-11.</p> <p>LaMarca '682 at, e.g., col. 7-8, 14.</p> <p>Lamping '538 at, e.g., col. 2, 7-8.</p> <p>Lamping '551 at, e.g., col. 13-16, fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 6-8, 16-19; fig. 1A-1B, 3-4.</p> <p>Maritzen '181 at, e.g., abstract; pp. 3-4, 6; fig. 7, 9; claim 12.</p> <p>Nochur '758 at, e.g., col. 6, 10, 13-14.</p> <p>O'Rourke '813 at, e.g., 2, 4-8; fig. 3, 5; claims 1, 23.</p> <p>Oblinger '990 at, e.g., abstract; col. 6-9; fig. 1-2; claim 1, 4-5, 8, 11.</p> <p>Pitroda at cols. 6, 8, 13, 21.</p> <p>Pizi '258 at, e.g., col. 2, 4-5, 7; claim 1.</p>

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	<p>Salisbury '231 at, e.g., col. 10; claim 12.</p> <p>Salisbury '573 at, e.g., abstract; col. 8, 10-11, 13; fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8-9.</p> <p>Seliger '908 at, e.g., col. 2-5, 8-9; fig. 1, 4, 7; claim 35.</p> <p>Shea '938 at, e.g., abstract; col. 2-3, 8; fig. 1; claim 4, 6, 12, 14.</p> <p>Suchter '161 at, e.g., col. 5, 19-20; fig. 4B.</p> <p>Suchter '302 at, e.g., col. 5, 19-20; fig. 4B.</p> <p>Swartz '994 at, e.g., col. 6-9, 19.</p> <p>Terry '380 at, e.g., col. 9, 17-18.</p> <p>Thornton '429 at, abstract; col. 7-8, 13; fig. 1; claim 12.</p> <p>Zuberec '032 at, e.g., abstract; col. 6-7; claims 1, 13.</p>
<p>31. The system of claim 23, wherein the storage component stores the data and the metadata according to at least one of a relational and an object storage methodology.</p>	<p>Belifore '513 at, e.g., col. 28; fig. 7.</p> <p>Chasen '721 at, e.g., col. 10.</p> <p>Dourish '575 at, e.g., col. 2 (relational), 3-4 (databases), 8-9.</p> <p>Dourish Building Bridges at, e.g., 16 (object attributes), 18.</p> <p>Dourish Presto at, e.g., § 3.2, at 7, § 3.4 at 8, 19.</p> <p>Farnan '365 at, e.g., col. 23.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Henderson '534 at, e.g., p. 2; fig. 6.</p> <p>Hess CFS at, e.g., §§ 1, 2.1, 2.2, 3.1.</p> <p>Hess Manual at, e.g., §§ 1, 2.1, 4, 5.</p> <p>Hess Thesis at, e.g., §§ 3.4.1, 4.1.</p> <p>Hubert '934 at, e.g., col. 5-6 (DOM, RDF, XML, referring to object storage methodologies).</p> <p>iManage MailSite at, e.g., 284.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Jones '731 at, e.g., fig. 4 (showing relational rows and columns), col. 6-7, 10-12, <i>passim</i> (object storage).</p>

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	<p>Koren '596 at, e.g., col. 1.</p> <p>Lamping '551 at, e.g., col. 6 (distributed databases, SQL, are relational).</p> <p>Maritzen '181 at, e.g., p. 6.</p> <p>Microsoft Dictionary at, e.g., p. 403-404 (definition of relational database).</p> <p>Oblinger '990 at, e.g., abstract; col. 9-10.</p> <p>Petersen '179 at, e.g., col. 6, 14-15, 25.</p> <p>Pitroda at claim 19.</p> <p>Salisbury '231 at, e.g., col. 16.</p> <p>Seliger '648 at, e.g., col. 7.</p> <p>Seliger '908 at, e.g., col. 7.</p> <p>Swartz '994 at, e.g., col. 5, 18.</p>
<p>32. The system of claim 23, wherein storing of the metadata in the storage component in association with data facilitates many-to-many functionality of the data via the metadata.</p>	<p><i>See claim 9, supra, the disclosures of which are incorporated herein by reference.</i></p> <p>Belifore '513 at, e.g., col. 12-15, 28-29.</p> <p>Bellotti '409 at, e.g., p. 5; claims 1-3.</p> <p>Bensimmon '678 at, e.g., p. 1.</p> <p>Bly '853 at, e.g., col. 24, 28-29.</p> <p>Brummel '220 at, e.g., col. 2-3; fig. 4.</p> <p>Chasen '721 at, e.g., col. 11-14.</p> <p>Chronaki at, e.g., fig. 7.</p> <p>Dourish '217 at, e.g., fig. 1, 3.</p> <p>Dourish '575 at, e.g., figs. 1-7, cols. 4-9, <i>passim</i>.</p> <p>Dourish '982 at col. 3-4.</p> <p>Dourish Building Bridges at, e.g., 14-18, figs. 2-3.</p> <p>Dourish Presto at figs. 2, 3; pp. 4, 7, 18.</p> <p>Edwards '076 at, e.g., fig. 1, 3.</p> <p>Edwards '553 at, e.g., fig. 1.</p> <p>Estrada '148 at, e.g., col. 17; Table 2.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Falkenhainer '801 at, e.g., col. 6.</p> <p>Farnan '365 at, e.g., col. 3-6; fig. 10, 12.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 2-4, 6-7; fig. 8-10.</p> <p>Gongwer '118 at, e.g., col. 1; claims 1, 45.</p> <p>Grambighler '655 at, e.g., col. 5-7.</p> <p>Henderson '534 at, e.g., pp. 2-6.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 11.</p> <p>Horvitz '484 at, e.g., pp. 1-2; 2-28, 30-31; fig. 1, 3-5.</p> <p>Hubert '934 at, e.g., fig. 2 (30, 32, 34); col. 2-3, 4-5, 7-8.</p> <p>Hugh '032 at, e.g., col. 20, 24, 27-28.</p> <p>iManage MailSite at, e.g., Chapters 3 &amp; 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 6-8, 11-12, fig. 6-10, 12.</p> <p>Koren '596 at, e.g., col. 15.</p> <p>LaMarca '670 at, e.g., fig. 3.</p> <p>LaMarca '682 at, e.g., col. 7-8, 14; fig. 1.</p> <p>Lamping '538 at, e.g., col. 4, 8.</p> <p>Lamping '551 at, e.g., col. 13-16, fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 5-8, 16-19.</p> <p>Maritzen '181 at, e.g., p. 5.</p> <p>Nochur '758 at, e.g., col. 5.</p> <p>O'Rourke '813 at, e.g., fig. 5.</p> <p>Oblinger '990 at, e.g., col. 9-10.</p> <p>Petersen '179 at, e.g., col. 13.</p> <p>Pitroda at col. 21.</p>



Claim Language of '761 Patent	Invalidating Prior Art
	<p>Pizi '258 at, e.g., col. 7-8.</p> <p>Salisbury '231 at, e.g., col. 9-10; fig. 1, 2.</p> <p>Salisbury '573 at, e.g., fig. 1, 3.</p> <p>Schroeter pp. 318-19.</p> <p>Seliger '648 at, e.g., col. 2, 8-9.</p> <p>Seliger '908 at, e.g., col. 2, 6, 10.</p> <p>Shea '938 at, e.g., col. 5, 11-13.</p> <p>Suchter '161 at, e.g., col. 8; fig. 3A-3B.</p> <p>Suchter '302 at, e.g., col. 8; fig. 3A-3B.</p> <p>Swartz '994 at, e.g., 1, 3, 6-9, 20.</p> <p>Terry '380 at, e.g., fig. 1.</p> <p>Thornton '429 at, e.g., abstract; col. 7-8, 13-15; fig. 1; claim 12.</p> <p>Zuberec '032 at, e.g., col. 4, 6-7.</p>
<p>33. The system of claim 23, 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.</p>	<p>Belifore '513 at, e.g., col. 4, 19, 33, 43-45.</p> <p>Bellotti '409 at, e.g., abstract; pp. 2, 8; fig. 1, 9, 14-15.</p> <p>Bensimmon '678 at, e.g., pp. 2-3.</p> <p>Bly '853 at, e.g., col. 15.</p> <p>Brummel '220 at, e.g., col. 13.</p> <p>Chasen '721 at, e.g., col. 17.</p> <p>Chronaki at, e.g., pp. 260-61.</p> <p>Dourish '217 at, e.g., col. 11.</p> <p>Dourish '575 at, e.g., col. 3-9, figs. 1-7, passim (shared document repository for document sharing).</p> <p>Dourish Building Bridges at, e.g., 14-16, figs. 2-3 (all discussing document sharing).</p> <p>Dourish Presto at pp. 4, 6-7, 9-11.</p> <p>Edwards '076 at, e.g., col. 11.</p> <p>Edwards '553 at, e.g., col. 11; fig. 1, 2.</p> <p>Estrada '148 at, e.g., col. 8.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Falkenhainer '801 at, e.g., col. 4.</p> <p>Farnan '365 at, e.g., abstract; col. 17-22; Table 1A.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Grambihler '655 at, e.g., col. 1, 6.</p> <p>Henderson '534 at, e.g., abstract, p. 6.</p> <p>Hess CFS at, e.g., §§ 1, 2, 2.1, 2.2, 3.1, 4.2, 4.3, 6 (document sharing between contexts).</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 7.</p> <p>Hess Thesis at, e.g., §§ 2.1, 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5 (document sharing).</p> <p>Hind '791 at, e.g., col. 5.</p> <p>Horvitz '484 at, e.g., pp. 1, 4, 13, 21, 32; fig. 6.</p> <p>Hubert '934 at, e.g., col. 3, 7(email), 6 (email and document management), <i>passim</i> (document sharing is pervasive in this reference).</p> <p>Hugh '032 at, e.g., col. 26; fig. 15.</p> <p>iManage MailSite at, e.g., Chapter 5 (e.g., Outlook).</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Johnson at, e.g., p. 187.</p> <p>Jones '731 at, e.g., col. 11-12, 6-7.</p> <p>Koren '596 at, e.g., col. 11.</p> <p>LaMarca '670 at, e.g., col. 9.</p> <p>LaMarca '682 at, e.g., col. 11.</p> <p>Lamping '538 at, e.g., col. 3.</p> <p>Lamping '551 at, e.g., col. 11, fig. 3 (10a-10n, 11a-11n).</p> <p>MacNaughton '892 at, e.g., col. 4, 7; claim 5.</p> <p>Maritzen '181 at, e.g., fig. 5.</p> <p>Nochur '758 at, e.g., col. 5, 9-10, 13.</p> <p>Pitroda at col. 8.</p> <p>Pizi '258 at, e.g., col. 5, 9.</p> <p>Salisbury '231 at, e.g., col. 11.</p> <p>Salisbury '573 at, e.g., abstract; col. 11.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Seliger '648 at, e.g., col. 11.</p> <p>Seliger '908 at, e.g., claim 23.</p> <p>Swartz '994 at, e.g., col. 9, 19.</p> <p>Terry '380 at, e.g., col. 11.</p> <p>Thornton '429 at, e.g., col. 11.</p> <p>Zuberec '032 at, e.g., abstract; col. 1, 3-4; claim 1, 11.</p>
<p>34. The system of claim 23, wherein one or more applications include file storage pointers that are dynamic and associated with the first user workspace.</p>	<p>Belifore '513 at, e.g., col. 34.</p> <p>Bellotti '409 at, e.g., p. 2.</p> <p>Bensimmon '678 at, e.g., pp. 5-6.</p> <p>Bly '853 at, e.g., col. 4, 28.</p> <p>Brummel '220 at, e.g., col. 4.</p> <p>Chasen '721 at, e.g., col. 10, 17.</p> <p>Chronaki at, e.g., pp. 260, 262; fig. 4-5.</p> <p>Dourish '217 at, e.g., col. 11, 13.</p> <p>Dourish '575 at, e.g., col. 4-8 (inc. discussion of initial filing context/filing structure mappings).</p> <p>Dourish '982 at, e.g., col. 6.</p> <p>Dourish Building Bridges at, e.g., 14-18, figs. 2-3.</p> <p>Dourish Presto at, e.g., fig. 1; pp. 7, 15.</p> <p>Dourish Presto at, e.g., § 3.3 at 7-8, Fig. 2.</p> <p>Edwards '076 at, e.g., col. 14.</p> <p>Edwards '553 at, e.g., col. 14.</p> <p>Estrada '148 at, e.g., col. 8; fig. 14, 25.</p> <p>Falkenhainer '801 at, e.g., col. 5, 13.</p> <p>Farnan '365 at, e.g., Table 1A.</p> <p>Gaia/CFS, e.g., see disclosures for Hess CFS, <i>supra</i>.</p> <p>Gillings '490 at, e.g., col. 4-5.</p> <p>Gongwer '118 at, e.g., col. 5, 9-10; claim 7.</p> <p>Grambihler '655 at, e.g., col. 3-4.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	<p>Henderson '534 at, e.g., pp. 2-3.</p> <p>Hess CFS at, e.g., Abstract, §§ 1, 2, 2.1, 2.2, 3.1, 4.1, 4.2, 4.3, 5, 6.</p> <p>Hess Manual at, e.g., §§ 1, 2.2, 2.2.1, 2.3.</p> <p>Hess Thesis at, e.g., §§ 3.1, 3.2, 4.5, 4.5.1, 4.5.2, 4.5.4, 4.5.5.</p> <p>Hind '791 at, e.g., col. 3, 5; fig. 1-2.</p> <p>Horvitz '484 at, e.g., p. 10.</p> <p>Hubert '934 at, e.g., col. 4-5; fig. 2(14, 16).</p> <p>Hugh '032 at, e.g., col. 21-22.</p> <p>iManage MailSite at, e.g., Chapters 3 &amp; 5.</p> <p>iManage System, e.g., see disclosures for iManage MailSite.</p> <p>Jones '731 at, e.g., col. 5-11, fig. 4, 6-10, 12.</p> <p>Koren '596 at, e.g., col. 6, 11.</p> <p>LaMarca '670 at, e.g., col. 9.</p> <p>LaMarca '682 at, e.g., col. 12.</p> <p>Lamping '538 at, e.g., col. 4-5; fig. 2.</p> <p>Lamping '551 at, e.g., col. 11-16, fig. 1-5.</p> <p>MacNaughton '892 at, e.g., col. 8.</p> <p>Maritzen '181 at, e.g., p. 6.</p> <p>Nochur '758 at, e.g., col. 8.</p> <p>Oblinger '990 at, e.g., col. 6.</p> <p>Petersen '179 at, e.g., col. 1-2.</p> <p>Pitroda '990 at, e.g., col. 7, 23, 52.</p> <p>Pizi '258 at, e.g., col. 6.</p> <p>Salisbury '231 at, e.g., col. 13, 16; claim 1.</p> <p>Salisbury '573 at, e.g., col. 12.</p> <p>Seliger '648 at, e.g., col. 13.</p> <p>Seliger '908 at, e.g., abstract; col. 3-4, 6; claim 49.</p> <p>Shea '938 at, e.g., col. 5-6.</p> <p>Suchter '161 at, e.g., col. 4-5.</p> <p>Suchter '302 at, e.g., col. 4-5.</p>

Claim Language of '761 Patent	Invalidating Prior Art
	Swartz '994 at, e.g., col. 20. Sykes '297 at, e.g., p. 1. Terry '380 at, e.g., col. 15; claims 2, 16. Thornton '429 at, e.g., fig. 4. Zuberec '032 at, e.g., col. 12.

Additionally, claims 13-16 are clearly obvious under 35 U.S.C. § 103(a) as they add nothing of patentable significance. Claim 13 recites “accessing the user environment and the second user environment using a browser”; claim 14 recites “communicating with the user environment using a TCP/IP communication protocol”; claim 15 recites “locating the user environment from a remote location using a URL address.” These claims are clearly obvious under § 103. TCP/IP was well-known as the standard Internet protocol suite used by the World Wide Web and other Internet applications, long before the application for the '761 patent was filed. See John December et al., *World Wide Web Unleashed* 330 (2d ed. 1995); Microsoft Dictionary at 462 (“It [TCP/IP] is built into the UNIX system and has become the de facto standard for data transmission over networks, including the Internet.”). Uniform Resource Locators (URLs) were also universally-known long before the '761 patent as the way of identifying resources on the World Wide Web. See J. December at 334; Microsoft Dictionary at 487. It goes without saying that browsers were likewise well-known before the '761 patent as a way to access the World Wide Web. See Microsoft Dictionary at 505. Accordingly, using a browser, TCP/IP and/or a URL address to access a user environment would have entailed a simple substitution of an World Wide Web-based environment in place of a non-Internet system (such as a proprietary (non TCP/IP) local area network), predictably resulting in a method in

which the user environment was accessed from via a browser through a URL address using the TCP/IP communications protocol. One of ordinary skill in the art would be clearly motivated to combine references in order to achieve the ability to access the user environment over the Internet using a web browser. As to dependent claim 16, it reads in its entirety: "The method of claim 9, further comprising accessing the user environment via a portable wireless device." Claim 16 is obvious over any of the anticipatory references identified above when combined with U.S. Patent No. 6,434,403 B1 to Michael R. Ausems et al. entitled "Personal Digital Assistant with Wireless Telephone." Ausems discloses a handheld wireless communications device that combines a personal digital assistant (PDA) and wireless telephone into a single portable device. *See* Ausems, Col. 1, ll. 5-9, 54-58. The portable wireless device in Ausems includes a CPU, runs the Microsoft Windows CE operating system, and includes a web browser in order to facilitate wireless Internet access. *See* Ausems, Col. 7, ln. 63-col. 8, ln. 4. Ausems further discloses that the device "may remotely communicate with a computer system." Ausems, Col. 9, ln. 17-18. Moreover, Hess CFS specifically discloses the use of a mobile handheld device to access a user environment. *See* Hess CFS, Abstract, §§ 3, 5, Fig. 3. Portable handheld wireless devices such as those disclosed in Ausems and Hess CFS were well-known long before the application for the '761 patent was filed. Using a portable wireless device to access a user environment would have entailed a simple substitution of a portable wireless device in place of a fixed-location or non-wireless device (such as a conventional desktop computer with a wired network connection), predictably resulting in a method in which the user environment was accessed from a portable wireless device. One of ordinary skill in the art would be motivated to combine to achieve the increased flexibility and mobility of being able to access a user environment from different locations. Claim 16 is therefore obvious under § 103.

Claim 31 similarly recites the non-patentable feature that “the storage component stores the data and the metadata according to at least one of a relational and an object storage methodology.” Such methodologies were well-known long before the application for the ’761 patent was filed. In fact, most if not all popular computer database products in existence at the time of the alleged invention of the ’761 patent (e.g., Oracle) were relational databases. See Microsoft Dictionary at 403-404 (“Microcomputer database products typically are relational databases.”). Using a relational methodology would have entailed a simple substitution of a relational database in place of a non-relational database, predictably resulting in a method in which the data and metadata were stored according to a relational methodology. One of ordinary skill in the art would be motivated to combine to achieve the increased flexibility and offered by widely-available relational database tools. Microsoft Dictionary, at 403.

Pursuant to Fed. R. Civ. P. 33(d), information regarding the lack of novelty and non-obviousness of the asserted claims of the ’761 patent is also located in (1) Parts IV, V and VI of the Request for *Ex Parte* Reexamination submitted to the U.S. Patent and Trademark Office on July 2, 2009, which has been served on LTI and is incorporated herein by reference, and (2) the prior art references cited above, which is being produced concurrently with this Response. Also pursuant to Rule 33(d), Facebook is producing today documents with Bates numbers FB00114078 to FB00119604.

Facebook reserves its right to supplement its response to this Interrogatory in accordance with Fed. R. Civ. P. 26(e).

Each prior art reference cited above not only individually anticipates each asserted claim of the ’761 patent under 35 U.S.C. 102, but also renders each asserted claim obvious when combined with any other cited reference. All of the references cited above relate generally to

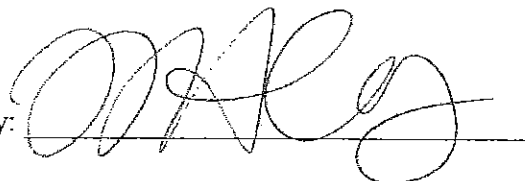
systems and methods for managing information across network environments. It would have been obvious to one of ordinary skill in the art to combine any of these references with any other reference to provide the systems and methods claims in the asserted claims. The motion to combine would come, for example, from the nature of the problem to be solved and the fact that the cited prior art references provide solutions to the same problems purportedly addressed in the '761 patent, which would lead a skilled artisan to look to those references for possible solutions to the problem. Moreover, all of the elements claimed in the '761 patent were well-known in the field and a person of ordinary skill in the art could easily combined the elements by known methods, with no change in their respective functions and yielding nothing more than results which would have been predictable at the time the '761 patent was filed.

Dated: November 2, 2009

OF COUNSEL:

Heidi L. Keefe (*pro hac vice*)  
Mark R. Weinstein (*pro hac vice*)  
Melissa H. Keyes (*pro hac vice*)  
**COOLEY GODWARD KRONISH LLP**  
3000 El Camino Real  
5 Palo Alto square, 4<sup>th</sup> floor  
Palo Alto, CA 94306

By:



Thomas P. Preston (DE Bar #2548)  
Steven L. Caponi (DE Bar #3484)  
**BLANK ROME LLP**  
12 N. Market Street  
Wilmington, DE 19801  
302-425-6400  
Fax: 302-425-6464

Attorneys for Defendant-Counterclaimant  
Facebook, Inc.



**CERTIFICATE OF SERVICE**

STATE OF CALIFORNIA, COUNTY OF SANTA CLARA

I am employed in the County of Santa Clara, State of California. I am over the age of 18 and not a party to the within action. My business address is 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306.

On November 2, 2009, I served the following documents:

**DEFENDANT FACEBOOK, INC.'S RESPONSES TO PLAINTIFF LEADER TECHNOLOGIES, INC.'S FOURTH SET OF INTERROGATORIES**

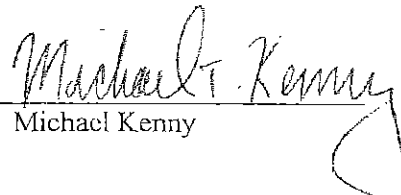
on the interested parties in this action by placing true and correct copies thereof enclosed in a sealed envelope addressed as follows (or as otherwise noted):

<u>BY PERSONAL SERVICE:</u>	<u>BY MAIL:</u>
Paul J. Andre, Esq. Lisa Kobialka, Esq. James Hannah, Esq. King & Spalding 333 Twin Dolphin Drive, Suite 400 Redwood Shores, CA 94065  pandre@kslaw.com lkobialka@kslaw.com jhannah@kslaw.com	Philip A. Rovner, Esq. Potter Anderson & Corroon LLP P.O. Box 951 Wilmington, DE 19899-0951  provner@potteranderson.com

**[XX] BY PERSONAL SERVICE:** I caused the above-mentioned document to be personally served on the offices of the addressee(s) as indicated above.

**[XX] BY MAIL:** I am readily familiar with the firm's practice of collection and processing correspondence for mailing. Under that practice it would be deposited with the U.S. Postal Service on that same day with postage thereon fully prepaid at Palo Alto, California in the ordinary course of business. I am aware that on motion of the party served, service is presumed invalid if postal cancellation date or postage meter date is more than one day after date of deposit for mailing in affidavit.

I declare that I am employed in the office of a member of the bar of this Court at whose directions the service was made. I declare under penalty of perjury that the foregoing is true and correct and that this declaration was executed on November 2, 2009 at Palo Alto, California.

  
Michael Kenny