

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3193747

|                                                                                                                                                                                                 |                                                           |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                            |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                                |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                           |                       |
|                                                                                                                                                                                                 | <b>Name</b>                                               | <b>Execution Date</b> |
|                                                                                                                                                                                                 | CPTN HOLDINGS LLC                                         | 09/09/2011            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                           |                       |
| <b>Name:</b>                                                                                                                                                                                    | NOVELL INTELLECTUAL PROPERTY HOLDINGS, INC.               |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 1500 DEXTER AVENUE NORTH                                  |                       |
| <b>City:</b>                                                                                                                                                                                    | SEATTLE                                                   |                       |
| <b>State/Country:</b>                                                                                                                                                                           | WASHINGTON                                                |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 98109                                                     |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                           |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                                      | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:                                       | 13159927              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                           |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (703)770-7901                                             |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                                           |                       |
| <b>Phone:</b>                                                                                                                                                                                   | (703) 770-7516                                            |                       |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | PILLSBURY WINTHROP SHAW PITTMAN LLP                       |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 1650 TYSONS BOULEVARD                                     |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | P. O. BOX 10500                                           |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | MCLEAN, VIRGINIA 22102                                    |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 035425-0396163                                            |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | BRADFORD C. BLAISE                                        |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Bradford C. Blaise/                                      |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/22/2015                                                |                       |
| <b>Total Attachments: 13</b>                                                                                                                                                                    |                                                           |                       |
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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, CPTN Holdings LLC, a Delaware corporation ("**Assignor**"), does hereby sell, assign, transfer and convey unto Novell Intellectual Property Holdings Inc., a Delaware corporation, having a mailing address of 1500 Dexter Avenue North, Seattle, WA 98109. ("**Assignee**") all of Assignor's entire right, title and interest in and to the patents and patent applications listed in the attached Exhibit A (collectively "**Patent Rights**").

In addition, Assignor agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past, present and future infringement of the Patent Rights, (ii) to apply (or continue prosecution) in any and all countries of the world for patents, design patents, utility models, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding, and (iii) the rights, if any, to revive prosecution of any abandoned Patent Rights.

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Redmond WA  
on Sept 9, 2011.

ASSIGNOR

By: [Signature]

Name: Brian Oquendo

Title: General Manager

CPTN Holdings LLC

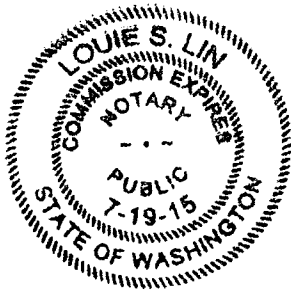
PATENT

REEL: 034804 FRAME: 0185

STATE OF WASHINGTON            )  
                                          ) ss:  
COUNTY OF KING                )

I certify that I know or have satisfactory evidence that Benjamin O. Orndorff is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as a Manager of CPTN Holdings LLC to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated this 9th day of September, 2011.



  
\_\_\_\_\_  
LOUIE S. LIN – NOTARY PUBLIC  
In and for the State of Washington, USA.  
Residing at Mercer Island, Washington, USA.  
My Appointment expires: July 19, 2015

## EXHIBIT A

## ASSIGNED PATENTS

| Patent Number | Application Number | Country | Filing Date | Issue Date | Title                                                                                                                                                                                                     |
|---------------|--------------------|---------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 836 779     | 96923600.9         | FR      | 1996-07-02  | 03/03/1999 | MECHANISM FOR EFFICIENTLY SYNCHRONIZING INFORMATION OVER A NETWORK                                                                                                                                        |
| 0 836 779     | 96923600.9         | GB      | 1996-07-02  | 03/03/1999 | MECHANISM FOR EFFICIENTLY SYNCHRONIZING INFORMATION OVER A NETWORK                                                                                                                                        |
| 0 836 779     | 96923600.9         | IE      | 1996-07-02  | 03/03/1999 | MECHANISM FOR EFFICIENTLY SYNCHRONIZING INFORMATION OVER A NETWORK                                                                                                                                        |
| 69601641.9    | 96923600.9         | DE      | 1996-07-02  | 03/03/1999 | MECHANISM FOR EFFICIENTLY SYNCHRONIZING INFORMATION OVER A NETWORK                                                                                                                                        |
| 3 421 052     | 505 279/1997       | JP      | 1996-07-02  | 04/18/2003 | MECHANISM FOR EFFICIENTLY SYNCHRONIZING INFORMATION OVER A NETWORK                                                                                                                                        |
| 5 742 820     | 08/499 029         | US      | 1996-07-06  | 04/21/1998 | MECHANISM FOR EFFICIENTLY SYNCHRONIZING INFORMATION OVER A NETWORK                                                                                                                                        |
|               |                    | AU      | 1996-07-02  |            |                                                                                                                                                                                                           |
| 5 737 553     | 08/502 490         | US      | 1996-07-14  | 04/07/1998 | COLORMAP SYSTEM FOR MAPPING PIXEL POSITION AND COLOR INDEX TO EXECUTABLE FUNCTIONS                                                                                                                        |
| 5 758 069     | 08/520 319         | US      | 1996-03-15  | 05/26/1998 | ELECTRONIC LICENSING SYSTEM                                                                                                                                                                               |
| 5 905 860     | 08/804 936         | US      | 1997-02-24  | 05/18/1999 | FAULT TOLERANT ELECTRONIC LICENSING SYSTEM                                                                                                                                                                |
| 2 223 876     | 2 223 876          | CA      | 1996-06-20  | 03/27/2001 | APPARATUS AND METHOD FOR REDUNDANT WRITE REMOVAL                                                                                                                                                          |
| 0 836 711     | 96921701.7         | FR      | 1996-06-20  | 12/22/1999 | APPARATUS AND METHOD FOR REDUNDANT WRITE REMOVAL                                                                                                                                                          |
| 0 836 711     | 96921701.7         | GB      | 1996-06-20  | 12/22/1999 | APPARATUS AND METHOD FOR REDUNDANT WRITE REMOVAL                                                                                                                                                          |
| 0 836 711     | 96921701.7         | IE      | 1996-06-20  | 12/22/1999 | APPARATUS AND METHOD FOR REDUNDANT WRITE REMOVAL                                                                                                                                                          |
| 69605797.2    | 96921701.7         | DE      | 1996-06-20  | 12/22/1999 | APPARATUS AND METHOD FOR REDUNDANT WRITE REMOVAL                                                                                                                                                          |
| 5 781 733     | 08/667 526         | US      | 1996-08-07  | 07/14/1998 | APPARATUS AND METHOD FOR REDUNDANT WRITE REMOVAL                                                                                                                                                          |
| 5 594 863     | 08/494 919         | US      | 1995-06-26  | 01/14/1997 | METHOD AND APPARATUS FOR NETWORK FILE RECOVERY                                                                                                                                                            |
| 5 925 106     | 08/741 925         | US      | 1996-10-31  | 07/20/1999 | EVENT NOTIFICATION IN A COMPUTER SYSTEM                                                                                                                                                                   |
| 2 227 431     | 2 227 431          | CA      | 1996-07-18  | 05/15/2001 | TRANSACTION LOG MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK                                                                                                                                       |
| 0 839 352     | 96924595.0         | GB      | 1996-07-18  | 10/16/2002 | TRANSACTION LOG MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK                                                                                                                                       |
| 0 839 352     | 96924595.0         | IE      | 1996-07-18  | 10/16/2002 | TRANSACTION LOG MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK                                                                                                                                       |
| 6 192 365     | 08/700 490         | US      | 1996-09-03  | 02/20/2001 | TRANSACTION LOG MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK                                                                                                                                       |
|               |                    | AU      | 1996-07-18  |            | Transaction log management in a disconnectable computer and network                                                                                                                                       |
|               |                    | DE      | 1996-07-18  |            | Transaktionslogverwaltung in einem netz abtrennbaren rechner                                                                                                                                              |
| 5 910 803     | 08/696 681         | US      | 1996-08-14  | 06/08/1999 | NETWORK ATLAS MAPPING TOOL                                                                                                                                                                                |
| 5 973 474     | 08/816 104         | US      | 1997-03-14  | 10/26/1999 | SYSTEM FOR AUTOMATIC HARDWARE IDENTIFICATION AND CONFIGURATION WHERE INSTANCE VALUES ARE UNIQUE WITHIN THE COMPUTER SYSTEM AND RESOURCE REQUIREMENT CONFLICTS ARE RESOLVED BY MODIFYING RESOURCE SETTINGS |
| 6 085 030     | 08/850 078         | US      | 1997-05-02  | 07/04/2000 | NETWORK COMPONENT SERVER                                                                                                                                                                                  |
| 5 760 772     | 08/706 172         | US      | 1996-08-30  | 06/02/1998 | METHOD FOR AUTOMATICALLY RESIZING A CHILD WINDOW                                                                                                                                                          |
| 5 801 679     | 08/755 837         | US      | 1996-11-26  | 09/01/1998 | METHOD AND SYSTEM FOR DETERMINING A CURSOR LOCATION WITH RESPECT TO A PLURALITY OF CHARACTER LOCATIONS                                                                                                    |
| 5 832 274     | 08/728 308         | US      | 1996-10-09  | 11/03/1998 | METHOD AND SYSTEM FOR MIGRATING FILES FROM A FIRST ENVIRONMENT TO A SECOND ENVIRONMENT                                                                                                                    |
|               | 11/730 493         | US      | 2007-04-02  |            | EVENT SOURCE MANAGEMENT USING A METADATA DRIVEN FRAMEWORK                                                                                                                                                 |
| 6 532 491     | 08/964 535         | US      | 1997-11-05  | 03/11/2003 | PROCESSES AND APPARATUS FOR MANAGING NETWORK DEVICES                                                                                                                                                      |
| 6 025 836     | 08/899 016         | US      | 1997-07-23  | 02/15/2000 | METHOD AND APPARATUS FOR GENERATING OBJECT ORIENTED USER INTERFACES                                                                                                                                       |
|               | 11/711 367         | US      | 2007-02-27  |            | HISTORY BASED CALL STACK CONSTRUCTION                                                                                                                                                                     |
| 5 983 234     | 08/936 192         | US      | 1997-09-17  | 11/09/1999 | METHOD AND APPARATUS FOR GENERALLY VIEWING AND EDITING OBJECTS                                                                                                                                            |
| 7 864 960     | 11/755 837         | US      | 2007-05-31  |            | TECHNIQUES FOR SECURING CONTENT IN AN UNTRUSTED ENVIRONMENT                                                                                                                                               |
|               | 12/957 306         | US      |             |            | TECHNIQUES FOR SECURING CONTENT IN AN UNTRUSTED ENVIRONMENT                                                                                                                                               |
|               | 11/654 247         | US      | 2007-01-17  |            | FOREIGN LANGUAGE TRANSLATOR IN A DOCUMENT EDITOR                                                                                                                                                          |
|               | 11/879 714         | US      | 2007-07-18  |            | ROLE-BASED ACCESS CONTROL FOR REDACTED CONTENT                                                                                                                                                            |
|               | 11/768 997         | US      | 2007-06-27  |            | SYSTEM AND METHOD FOR GRAPHICALLY REPRESENTING AND MANAGING COMPUTER NETWORK CONNECTIONS                                                                                                                  |
| 6 029 247     | 08/762 561         | US      | 1996-12-09  |            | METHOD AND APPARATUS FOR TRANSMITTING SECURED DATA                                                                                                                                                        |

PATENT

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|           |            |    |            |            |                                                                                                                         |
|-----------|------------|----|------------|------------|-------------------------------------------------------------------------------------------------------------------------|
| 6,006,740 | 08/09/2000 | US | 1997-07-15 | 05/09/2000 | METHOD AND APPARATUS FOR HETEROGENEOUS NETWORK MANAGEMENT                                                               |
| 6,052,724 | 08/09/2000 | US | 1997-09-02 | 04/18/2000 | METHOD AND SYSTEM FOR MANAGING A DIRECTORY SERVICE                                                                      |
|           |            | US | 2007-07-30 |            | SYSTEM AND METHOD FOR INDICATING USAGE OF SYSTEM RESOURCES USING TASKBAR GRAPHICS                                       |
|           |            | US | 2007-08-22 |            | IDENTITY BASED NETWORK MAPPING                                                                                          |
|           |            | US | 2007-10-12 |            | SYSTEM AND METHOD FOR TRACKING SOFTWARE CHANGES                                                                         |
| 6,098,090 | 08/06/2000 | US | 1997-09-05 | 08/01/2000 | METHODS AND SYSTEMS FOR PROVIDING A BACKGROUND PROCESSING THREAD WHICH MANAGES THE BACKGROUND TASKS OF EXTERNAL THREADS |
|           |            | US | 2007-08-14 |            | TECHNIQUES FOR PROPAGATING CHANGES IN PROJECTS                                                                          |
|           |            | US | 2007-08-14 |            | TECHNIQUES FOR CLAIM STAKING IN A PROJECT STAGE-BASED ENVIRONMENT                                                       |
|           |            | US | 2008-03-18 |            | TECHNIQUES FOR APPLICATION DATA SCRUBBING, REPORTING AND ANALYSIS                                                       |
|           |            | US | 2007-12-06 |            | TECHNIQUES FOR REAL TIME ADAPTIVE PASSWORD POLICIES                                                                     |
|           |            | US | 2007-12-26 |            | TECHNIQUES FOR RECOGNIZING MULTIPLE PATTERNS WITHIN A STRING                                                            |
|           |            | US | 2007-10-04 |            | PROVISIONING USERS TO MULTIPLE AGENCIES                                                                                 |
|           |            | US | 2007-12-12 |            | SYSTEM AND METHOD FOR CREATING PLATFORM SPECIFIC SELF-EXTRACTING CLIENT PACKAGES USING A PRODUCTION SERVER              |
|           |            | US | 2008-01-25 |            | TECHNIQUES FOR REDUCING STORAGE SPACE AND DETECTING CORRUPTION IN HASH BASED APPLICATION                                |
| 5,956,043 | 08/03/2000 | US | 1997-09-18 | 08/21/1999 | TEXTURED TILE ROTATION SYSTEM AND METHOD                                                                                |
|           |            | US | 2008-03-19 |            | TECHNIQUES FOR MULTILINGUAL PASSWORD CHALLENGE RESPONSE PASSWORD RESET OR PASSWORD RECOVERY                             |
|           |            | US | 2008-07-31 |            | SITE SPECIFIC CREDENTIAL GENERATION USING INFORMATION CARDS                                                             |
|           |            | US | 2008-06-05 |            | MECHANISM TO SUPPORT OBJECT-ORIENTED VERSION CONTROL OPERATIONS                                                         |
|           |            | US | 2008-06-02 |            | TIMER DRIVEN ADMINISTRATION                                                                                             |
| 6,016,499 | 08/09/2000 | US | 1997-07-21 | 01/18/2000 | SYSTEM AND METHOD FOR ACCESSING A DIRECTORY SERVICES REPOSITORY                                                         |
|           |            | US | 2008-11-07 |            | PREDICTIVE SERVICE SYSTEMS                                                                                              |
|           |            | US | 2009-05-20 |            | PREDICTIVE SERVICE SYSTEMS USING EMOTION DETECTION                                                                      |
| 6,108,619 | 09/10/2000 | US | 1998-07-02 | 08/22/2000 | METHOD AND APPARATUS FOR SEMANTIC CHARACTERIZATION OF GENERAL CONTENT STREAMS AND REPOSITORIES                          |
| 7,152,031 | 09/12/2006 | US | 2000-02-25 | 12/19/2006 | CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE                                        |
| 7,475,008 | 11/15/2007 | US | 2006-11-21 | 01/05/2009 | CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE                                        |
|           |            | US | 2007-10-30 |            | CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE                                        |
| 7,197,451 | 09/15/2006 | US | 2000-07-13 | 03/27/2007 | METHOD AND MECHANISM FOR THE CREATION, MAINTENANCE AND COMPARISON OF SEMANTIC ABSTRACTS                                 |
| 7,553,530 | 11/15/2007 | US | 2006-11-27 | 01/26/2010 | METHOD AND MECHANISM FOR THE CREATION, MAINTENANCE AND COMPARISON OF SEMANTIC ABSTRACTS                                 |
| 7,286,977 | 09/03/2007 | US | 2000-09-05 | 10/23/2007 | INTENTIONAL STANCE CHARACTERIZATION OF A GENERAL CONTENT STREAM OR REPOSITORY                                           |
| 7,562,011 | 11/15/2007 | US | 2006-10-30 | 07/14/2009 | INTENTIONAL STANCE CHARACTERIZATION OF A GENERAL CONTENT STREAM OR REPOSITORY                                           |
| 7,389,225 | 09/03/2007 | US | 2000-10-18 | 06/17/2008 | METHOD AND MECHANISM FOR SUPERPOSITIONING STATE VECTORS IN A SEMANTIC ABSTRACT                                          |
| 7,672,952 | 11/16/2007 | US | 2006-12-26 | 03/02/2010 | SYSTEM AND METHOD OF SEMANTIC CORRELATION OF RICH CONTENT                                                               |
|           |            | US | 2008-09-12 |            | DYNAMIC CONSUMER DEFINED VIEWS OF AN ENTERPRISE'S DATA WAREHOUSE                                                        |
|           |            | US | 2008-08-29 |            | SYSTEM AND METHOD FOR VIRTUAL INFORMATION CARDS                                                                         |
| 6,049,799 | 08/05/2000 | US | 1997-05-12 | 04/11/2000 | DOCUMENT LINK MANAGEMENT USING DIRECTORY SERVICES                                                                       |
| 6,415,250 | 08/07/2000 | US | 1997-06-18 | 07/02/2002 | SYSTEM AND METHOD FOR IDENTIFYING LANGUAGE USING MORPHOLOGICALLY-BASED TECHNIQUES                                       |
| 6,151,688 | 09/02/2001 | US | 1998-02-14 | 11/21/2000 | RESOURCE MANAGEMENT IN A CLUSTERED COMPUTER SYSTEM (Provisional: CLUSTERED NETWORK OPERATING SYSTEM)                    |
| 6,353,999 | 09/05/2000 | US | 2000-05-18 | 03/05/2002 | RESOURCE MANAGEMENT IN A CLUSTERED COMPUTER SYSTEM (Provisional: CLUSTERED NETWORK OPERATING SYSTEM)                    |
| 6,338,452 | 09/05/2000 | US | 2000-05-18 | 01/08/2002 | RESOURCE MANAGEMENT IN A CLUSTERED COMPUTER SYSTEM (Provisional: CLUSTERED NETWORK OPERATING SYSTEM)                    |

|           |            |    |            |            |                                                                                                                             |
|-----------|------------|----|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|
| 6,064,974 | 08/866,532 | US | 1997-05-30 | 05/18/2000 | METHOD AND SYSTEM FOR MONITORING THE STATUS OF A LIMITED RESOURCE                                                           |
| 5,919,257 | 08/907,523 | US | 1997-08-08 | 07/06/1999 | NETWORKED WORKSTATION INTRUSION DETECTION SYSTEM                                                                            |
|           | 11/073,797 | US | 2005-03-07 |            | TECHNIQUES FOR REMOTE RESOURCE MOUNTING                                                                                     |
| 6,081,814 | 08/888,464 | US | 1997-07-07 | 06/27/2000 | DOCUMENT REFERENCE ENVIRONMENT MANAGER                                                                                      |
| 6,081,724 | 08/916,528 | US | 1997-08-22 | 06/27/2000 | NATURAL LANGUAGE INFORMATION RETRIEVAL SYSTEM AND METHOD (WONDERWARE)                                                       |
| 6,061,743 | 09/025,741 | US | 1998-02-19 | 05/09/2000 | METHOD AND APPARATUS FOR AGGREGATING DISPARATE NAMESPACES                                                                   |
| 5,916,310 | 08/914,127 | US | 1997-08-18 | 06/29/1999 | METHOD AND SYSTEM FOR ENHANCING KEYBOARD FUNCTIONALITY IN AN HTML DOCUMENT                                                  |
| 5,991,810 | 08/905,150 | US | 1997-08-01 | 11/23/1999 | USER NAME AUTHENTICATION FOR GATEWAY CLIENTS ACCESSING A PROXY CACHE SERVER                                                 |
| 6,065,017 | 09/002,283 | US | 1997-12-31 | 05/15/2000 | APPARATUS AND METHOD FOR IDENTIFYING AND RECOVERING FROM DATABASE ERRORS                                                    |
| 6,738,907 | 09/059,137 | US | 1998-04-13 |            | MAINTAINING A SOFT-TOKEN PRIVATE KEY STORE IN A DISTRIBUTED ENVIRONMENT                                                     |
| 6,760,843 | 09/660,903 | US | 2000-09-13 |            | MAINTAINING A SOFT-TOKEN PRIVATE KEY STORE IN A DISTRIBUTED ENVIRONMENT                                                     |
| 6,047,289 | 08/965,803 | US | 1997-11-07 | 04/04/2000 | METHOD AND APPARATUS FOR DIRECTED DATA PROPAGATION                                                                          |
| 6,108,649 | 09/034,602 | US | 1998-03-03 | 08/22/2000 | METHOD AND SYSTEM FOR SUPPLANTING A FIRST NAME BASE WITH A SECOND NAME BASE                                                 |
| 6,219,652 | 09/088,114 | US | 1998-06-01 | 04/17/2001 | NETWORK LICENSE AUTHENTICATION                                                                                              |
| 6,023,586 | 09/021,691 | US | 1998-02-10 | 02/08/2000 | INTEGRITY VERIFYING AND CORRECTING SOFTWARE                                                                                 |
| 6,697,497 | 09/455,572 | US | 1999-12-08 | 02/24/2004 | BOUNDARY IDENTIFICATION AND CHARACTERIZATION THROUGH DENSITY DIFFERENCING                                                   |
| 6,081,900 | 09/268,795 | US | 1999-03-16 | 06/27/2000 | 'SECURE INTRANET ACCESS' (SSL-izer)                                                                                         |
| 6,840,302 | 09/493,506 | US | 2000-01-28 | 10/28/2003 | 'SECURE INTRANET ACCESS' (SSL-izer)                                                                                         |
| 6,950,936 | 10/650,211 | US | 2003-08-28 | 09/27/2005 | 'SECURE INTRANET ACCESS' (SSL-izer)                                                                                         |
|           | 09/484,691 | US | 2000-01-18 |            | BROKERING STATE INFORMATION AND IDENTITY AMONG USER AGENTS, ORIGIN SERVERS, AND PROXIES                                     |
|           | 10/784,440 | US | 2004-02-23 |            | TECHNIQUES FOR SECURELY MANAGING AND ACCELERATING DATA DELIVERY                                                             |
|           | 10/814,983 | US | 2004-03-31 |            | TECHNIQUES FOR SECURELY ACCELERATING EXTERNAL DOMAINS LOCALLY                                                               |
| 6,189,103 | 09/139,896 | US | 1998-07-21 | 02/13/2001 | AUTHORITY DELEGATION WITH SECURE OPERATING SYSTEM QUEUES                                                                    |
| 6,216,123 | 09/103,702 | US | 1998-06-24 | 04/10/2001 | SYSTEM AND METHOD FOR RAPID RETRIEVAL IN A FULL TEXT INDEXING SYSTEM                                                        |
| 6,330,605 | 09/195,982 | US | 1998-11-19 | 12/11/2001 | PROXY CACHE CLUSTER                                                                                                         |
| 6,405,199 | 09/183,340 | US | 1998-10-30 | 06/11/2002 | METHOD AND MECHANISM FOR SEMANTIC TOKEN GENERATION BASED ON MARKED PHRASES IN A CONTENT STREAM                              |
| 6,539,381 | 09/296,687 | US | 1999-04-21 | 03/25/2003 | SYSTEM AND METHOD FOR SYNCHRONIZING DATABASE INFORMATION                                                                    |
| 6,608,158 | 09/427,359 | US | 1999-10-26 | 08/19/2003 | COMPONENT ARCHITECTURE IN A COMPUTER SYSTEM                                                                                 |
| 6,219,676 | 09/369,947 | US | 1999-08-06 | 04/17/2001 | METHODOLOGY FOR CACHE COHERENCY OF WEB SERVER DATA                                                                          |
| 6,324,976 | 09/533,442 | US | 2000-03-23 | 07/23/2002 | METHOD OF IMPLEMENTING A FORWARD COMPATIBILITY NETWORK DIRECTORY SYNTAX (BLOB SYNTAX)                                       |
| 7,136,382 | 09/939,447 | US | 2001-08-24 | 11/14/2006 | METHOD AND SYSTEM FOR PROVIDING QUALITY OF SERVICE OPERATIONS USING IP ADDRESSES                                            |
| 6,839,730 | 09/616,498 | US | 2000-07-14 | 01/04/2005 | METHOD AND SYSTEM FOR EFFICIENTLY MATCHING EVENTS WITH SUBSCRIBERS IN A CONTENT BASED PUBLISH-SUBSCRIBE SYSTEM              |
| 6,718,371 | 09/879,640 | US | 2001-06-12 | 04/06/2004 | XML BASED INTEGRATED SERVICES FRAMEWORK                                                                                     |
| 6,950,866 | 09/865,232 | US | 2001-05-25 | 09/27/2005 | XML BASED INTEGRATED SERVICES PARSING                                                                                       |
| 6,941,580 | 09/865,257 | US | 2001-05-25 | 09/08/2005 | XML BASED INTEGRATED SERVICES EVENT SYSTEM                                                                                  |
| 6,772,206 | 09/878,710 | US | 2001-06-11 | 08/03/2004 | XML-BASED INTEGRATED SERVICES BRIDGING                                                                                      |
| 7,146,340 | 09/915,030 | US | 2001-07-25 | 12/05/2006 | METHODS AND SYSTEMS FOR LICENSING ELECTRONIC DATA                                                                           |
| 6,993,508 | 09/752,348 | US | 2000-12-29 | 01/31/2006 | METHOD AND MECHANISM FOR VENDING DIGITAL CONTENT                                                                            |
| 7,386,514 | 11/266,924 | US | 2005-11-04 | 06/10/2008 | METHOD AND MECHANISM FOR VENDING DIGITAL CONTENT                                                                            |
|           | 11,852,502 | US | 2007-09-10 |            | METHOD AND MECHANISM FOR VENDING DIGITAL CONTENT                                                                            |
| 7,072,911 | 10/202,518 | US | 2002-07-24 | 07/04/2006 | SYSTEM AND METHOD FOR INCREMENTAL REPLICATION OF CHANGES IN A STATE BASED DISTRIBUTED DATABASE                              |
| 1,257,890 | 01902964.4 | DE | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS |

|              |            |    |            |            |                                                                                                                                                  |
|--------------|------------|----|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 257 890    | 01902564.4 | FR | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS                      |
| 1 257 890    | 01902564.4 | GB | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS                      |
| 1 257 890    | 01902564.4 | IE | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS                      |
|              |            | AU | 2001-01-18 |            | System and method for using directory services to facilitate access to applications available on thin client servers                             |
| 7/421,237.74 | 010066.368 | US | 2002-01-30 |            | METHOD TO DYNAMICALLY DETERMINE A USER'S LANGUAGE FOR A NETWORK                                                                                  |
| 7/261,269    | 010092.822 | US | 2002-03-06 | 10/09/2007 | METHODS, DATA STRUCTURES, AND SYSTEMS TO REMOTELY VALIDATE A MESSAGE                                                                             |
|              | 010098.417 | US | 2002-03-15 |            | METHODS, SYSTEMS, AND DATA STRUCTURES FOR SECURE DATA CONTENT PRESENTATION                                                                       |
| 7/149,751    | 010075.843 | US | 2002-06-21 | 12/12/2006 | SYSTEM AND METHOD FOR DISTRIBUTING SELECTED OBJECTS FROM A SOURCE DATABASE TO A DESTINATION DATABASE                                             |
| 7/000,017    | 010175.877 | US | 2002-06-21 | 02/14/2006 | SYSTEM AND METHOD FOR DISTRIBUTING A SELECTED OBJECT AND FOR AUTOMATICALLY DISTRIBUTING THE OBJECTS THAT ARE ASSOCIATED WITH THE SELECTED OBJECT |
| 7/124,320    | 010213.651 | US | 2002-08-06 | 10/17/2006 | CLUSTER FAILOVER VIA DISTRIBUTED CONFIGURATION REPOSITORY                                                                                        |
| 6/097,382    | 09/076.926 | US | 1998-05-12 | 08/01/2000 | METHOD AND APPARATUS FOR BUILDING AN APPLICATION INTERFACE                                                                                       |
| 6/563,522    | 09/595.575 | US | 2000-06-14 | 05/13/2003 | METHOD AND APPARATUS FOR BUILDING AN APPLICATION INTERFACE                                                                                       |
| 7/752,551    | 10/434.282 | US | 2003-05-09 |            | METHOD AND APPARATUS FOR BUILDING AN APPLICATION INTERFACE                                                                                       |
| 6/880,129    | 09/553.386 | US | 2000-04-20 | 04/12/2005 | METHOD AND APPARATUS FOR USING NAME SPACES IN A GRAPHICAL USER INTERFACE                                                                         |
| 7/159,034    | 10/378.222 | US | 2003-03-03 | 01/02/2007 | METHOD AND SYSTEM FOR IMPROVING NETWORK INTERFACE CARD LEVEL LOAD BALANCING FOR INBOUND TRAFFIC                                                  |
| 7/890,938    | 10/375.538 | US | 2003-02-26 |            | HETEROGENEOUS NORMALIZATION OF DATA CHARACTERISTICS                                                                                              |
| 7/382,318    | 010431.208 | US | 2003-05-07 | 06/14/2008 | METHOD AND SYSTEM FOR BALANCING A TRAFFIC LOAD IN A HALF-DUPLEX ENVIRONMENT                                                                      |
| 7/680,897    | 010409.929 | US | 2003-04-08 | 03/16/2010 | METHODS AND SYSTEMS FOR MANAGING NETWORK TRAFFIC                                                                                                 |
| 7/349,337    | 010734.703 | US | 2003-12-12 | 03/25/2008 | TECHNIQUES FOR SHAPING DATA TRANSMISSION RATES                                                                                                   |
| 7/634,522    | 10/999.595 | US | 2004-11-30 | 12/15/2009 | RANDOM NUMBER GENERATION                                                                                                                         |
|              | 08110238.0 | EP | 2006-02-21 |            | DISTRIBUTED WORKFLOW TECHNIQUES                                                                                                                  |
| 7/533,186    | 11/062.454 | US | 2005-02-22 | 05/12/2009 | SYSTEM AND METHOD FOR STAGGERING THE START-TIME OF SCHEDULED ACTIONS FOR A GROUP OF NETWORKED COMPUTERS                                          |
|              | 11/125.874 | US | 2005-05-10 |            | TECHNIQUES FOR DEBUGGING AN APPLICATION                                                                                                          |
| 7/664,848    | 01/142.466 | US | 2005-06-02 | 02/16/2010 | SYSTEM AND METHOD FOR MONITORING NETWORKED DEVICES EMPLOYING RSS FUNCTIONALITY                                                                   |
|              | 01/215.096 | US | 2005-08-30 |            | SPECULATIVE AUTONOMOUS DEPENDENCY RESOLUTION                                                                                                     |
| 7/356,685    | 01/171.266 | US | 2005-07-01 | 04/08/2008 | SYSTEM AND METHOD FOR ENABLING AUTOMATED RUN-TIME INPUT TO NETWORK BOOTSTRAPPING PROCESSES                                                       |
|              | 12/756.659 | US | 2010-04-08 |            | SYSTEM AND METHOD FOR ENABLING AUTOMATED RUN-TIME INPUT TO NETWORK BOOTSTRAPPING PROCESSES                                                       |
| 7/752,459    | 01/348.669 | US | 2006-02-07 |            | TECHNIQUES FOR KEY DISTRIBUTION FOR USE IN ENCRYPTED COMMUNICATIONS                                                                              |
|              | 01/313.940 | US | 2002-12-06 |            | POINTGUARD METHOD AND SYSTEM FOR PROTECTING PROGRAMS AGAINST POINTER CORRUPTION ATTACKS                                                          |
|              | 11/284.364 | US | 2005-11-21 |            | SECURE SYNCHRONIZATION AND SHARING OF SECRETS                                                                                                    |
| 7/792,049    | 01/290.343 | US | 2005-11-30 |            | TECHNIQUES FOR MODELING AND EVALUATING PROTOCOL INTERACTIONS                                                                                     |
|              | 01/370.516 | US | 2006-03-07 |            | LIGHT-WEIGHT, MULTI-USER BROWSER                                                                                                                 |
|              | 01/444.944 | US | 2006-06-01 |            | SINGLE SIGN-ON WITH PROXY SERVICES                                                                                                               |
|              | 11/490.225 | US | 2006-07-19 |            | ADMINISTRATOR-DEFINED MANDATORY COMPLIANCE EXPRESSION                                                                                            |
|              | 11/479.876 | US | 2006-06-30 |            | CREDENTIALS FOR BLINDED INTENDED AUDIENCES                                                                                                       |
|              | 11/555.824 | US | 2006-11-02 |            | METHOD FOR HIERARCHICAL STORAGE MANAGEMENT USING SHADOW VOLUMES                                                                                  |
|              | 07117397.5 | EP | 2007-09-27 |            | TECHNIQUES FOR VARIABLE SECURITY ACCESS INFORMATION                                                                                              |





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|           |           |    |            |            |                                                                                                                        |
|-----------|-----------|----|------------|------------|------------------------------------------------------------------------------------------------------------------------|
| 6,051,740 | 08083,345 | US | 1997-07-15 | 05-09-2000 | METHOD AND APPARATUS FOR HETEROGENEOUS NETWORK MANAGEMENT                                                              |
| 6,052,724 | 08022,257 | US | 1997-09-02 | 04-18-2000 | METHOD AND SYSTEM FOR MANAGING A DIRECTORY SERVICE                                                                     |
|           | 11030,583 | US | 2007-07-20 |            | SYSTEM AND METHOD FOR ALLOCATING USAGE OF SYSTEM RESOURCES USING TASKBAR GRAPHICS                                      |
|           | 11045,740 | US | 2007-09-22 |            | IDENTITY BASED NETWORK MAPPING                                                                                         |
|           | 11297,498 | US | 2007-10-12 |            | SYSTEM AND METHOD FOR TRACKING SOFTWARE CHANGES                                                                        |
| 6,098,090 | 08068,741 | US | 1997-06-05 | 02-01-2000 | METHODS AND SYSTEM FOR PROVIDING A BACKGROUND PROCESSING THREAD WHICH MANAGES THE BACKGROUND TASKS OF EXTERNAL THREADS |
|           | 11835,515 | US | 2007-06-14 |            | TECHNIQUES FOR PROPAGATING CHANGES IN PROJECTS                                                                         |
|           | 11038,168 | US | 2007-06-14 |            | TECHNIQUES FOR CLAIM STAKING IN A PROJECT STAGE-BASED ENVIRONMENT                                                      |
|           | 12050,414 | US | 2008-03-18 |            | TECHNIQUES FOR APPLICATION DATA SCRUBBING, REPORTING AND ANALYSIS                                                      |
|           | 11051,524 | US | 2007-12-06 |            | TECHNIQUES FOR REAL TIME ADAPTIVE PASSWORD POLICIES                                                                    |
|           | 11254,161 | US | 2007-12-06 |            | TECHNIQUES FOR RECOGNIZING MULTIPLE PATTERNS WITHIN A STRING                                                           |
|           | 11046,011 | US | 2007-10-04 |            | PROVISIONING USERS TO MULTIPLE AGENCIES                                                                                |
|           | 11054,797 | US | 2007-12-12 |            | SYSTEM AND METHOD FOR CREATING PLATFORM SPECIFIC SELF EXTRACTING CLIENT PACKAGES USING A PRODUCTION SERVER             |
|           | 12019,671 | US | 2008-04-25 |            | TECHNIQUES FOR REDUCING STORAGE SPACE AND DETECTING CORRUPTION IN HASH BASED APPLICATION                               |
| 5,986,040 | 08093,231 | US | 1997-09-18 | 04-21-1999 | TEXTURED TILE ROTATION SYSTEM AND METHOD                                                                               |
|           | 12051,005 | US | 2008-03-19 |            | TECHNIQUES FOR MULTILINGUAL PASSWORD CHALLENGE RESPONSE PASSWORD RESET OR PASSWORD RECOVERY                            |
|           | 12104,155 | US | 2008-07-31 |            | SITE SPECIFIC CREDENTIAL GENERATION USING INFORMATION CARDS                                                            |
|           | 12113,392 | US | 2008-06-05 |            | MECHANISM TO SUPPORT OBJECT-ORIENTED VERSION CONTROL OPERATIONS                                                        |
|           | 12131,469 | US | 2008-06-02 |            | TIMER DRIVEN ADMINISTRATION                                                                                            |
| 6,016,459 | 08087,528 | US | 1997-07-21 | 01-18-2000 | SYSTEM AND METHOD FOR ACCESSING A DIRECTORY SERVICES REPOSITORY                                                        |
|           | 12067,279 | US | 2008-11-07 |            | PREDICTIVE SERVICE SYSTEMS                                                                                             |
|           | 12459,515 | US | 2009-06-20 |            | PREDICTIVE SERVICE SYSTEMS USING EMOTION DETECTION                                                                     |
| 6,106,618 | 09103,804 | US | 1998-07-02 | 08-22-2000 | METHOD AND APPARATUS FOR SEMANTIC CHARACTERIZATION OF GENERAL CONTENT STREAMS AND REPOSITORIES                         |
| 7,152,001 | 09051,293 | US | 2000-02-25 | 12-19-2002 | CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE                                       |
| 7,475,055 | 11052,357 | US | 2005-11-21 | 01-06-2003 | CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE                                       |
|           | 11028,676 | US | 2007-10-30 |            | CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE                                       |
| 7,137,451 | 09015,726 | US | 2000-07-13 | 01-27-2001 | METHOD AND MECHANISM FOR THE CREATION, MAINTENANCE AND COMPARISON OF SEMANTIC ABSTRACTS                                |
| 7,353,630 | 11053,859 | US | 2006-11-27 | 01-25-2010 | METHOD AND MECHANISM FOR THE CREATION, MAINTENANCE AND COMPARISON OF SEMANTIC ABSTRACTS                                |
| 7,285,977 | 09053,713 | US | 2000-09-05 | 10-23-2007 | INTENTIONAL STANCE CHARACTERIZATION OF A GENERAL CONTENT STREAM OR REPOSITORY                                          |
| 7,562,011 | 11054,476 | US | 2006-10-30 | 07-14-2004 | INTENTIONAL STANCE CHARACTERIZATION OF A GENERAL CONTENT STREAM OR REPOSITORY                                          |
| 7,586,226 | 09091,629 | US | 2003-10-18 | 05-17-2003 | METHOD AND MECHANISM FOR SUPERPOSITIONING STATE VECTORS IN A SEMANTIC ABSTRACT                                         |
| 7,672,952 | 11015,164 | US | 2005-12-26 | 03-02-2010 | SYSTEM AND METHOD OF SEMANTIC CORRELATION OF RICH CONTENT                                                              |
|           | 12009,764 | US | 2000-09-12 |            | DYNAMIC CONSUMER DEFINED VIEWS OF AN ENTERPRISE'S DATA WAREHOUSE                                                       |
|           | 12001,754 | US | 2000-06-29 |            | SYSTEM AND METHOD FOR VIRTUAL INFORMATION CARDS                                                                        |
| 6,040,789 | 08054,391 | US | 1997-06-12 | 04-11-2000 | DOCUMENT LINK MANAGEMENT USING DIRECTORY SERVICES                                                                      |
| 6,415,250 | 09078,264 | US | 1997-06-13 | 07-02-2002 | SYSTEM AND METHOD FOR IDENTIFYING LANGUAGE USING MORPHOLOGICALLY-BASED TECHNIQUES                                      |
| 6,151,608 | 09024,011 | US | 1998-02-11 | 11-21-2000 | RESOURCE MANAGEMENT IN A CLUSTERED COMPUTER SYSTEM (Provisional: CLUSTERED NETWORK OPERATING SYSTEM)                   |
| 6,353,838 | 09074,054 | US | 2000-05-18 | 03-03-2002 | RESOURCE MANAGEMENT IN A CLUSTERED COMPUTER SYSTEM (Provisional: CLUSTERED NETWORK OPERATING SYSTEM)                   |
| 6,338,112 | 09074,053 | US | 2000-05-18 | 01-08-2002 | RESOURCE MANAGEMENT IN A CLUSTERED COMPUTER SYSTEM (Provisional: CLUSTERED NETWORK OPERATING SYSTEM)                   |

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SCHWEGMAN, LUNDBERG, WOESSNER

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|-----------|------------|----|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|
| 6,064,974 | 08/856,532 | US | 1997-06-30 | 05/16/2000 | METHOD AND SYSTEM FOR MONITORING THE STATUS OF A LIMITED RESOURCE                                                           |
| 6,019,267 | 08/907,523 | US | 1997-03-06 | 07/06/1999 | NETWORKED WORKSTATION INTRUSION DETECTION SYSTEM                                                                            |
|           | 11/076,797 | US | 2005-03-27 |            | TECHNIQUES FOR REMOTE RESOURCE MOUNTING                                                                                     |
| 6,061,814 | 08/888,464 | US | 1997-07-07 | 05/27/2000 | DOCUMENT REFERENCE ENVIRONMENT MANAGER                                                                                      |
| 6,061,774 | 08/916,828 | US | 1997-06-22 | 06/27/2000 | NATURAL LANGUAGE INFORMATION RETRIEVAL SYSTEM AND METHOD (WONDERWARE)                                                       |
| 6,061,740 | 08/925,741 | US | 1998-02-19 | 05/06/2000 | METHOD AND APPARATUS FOR AGGREGATING DISPARATE NAMESPACES                                                                   |
| 6,018,310 | 08/914,127 | US | 1997-06-19 | 06/29/1999 | METHOD AND SYSTEM FOR ENHANCING KEYBOARD FUNCTIONALITY IN AN HTML DOCUMENT                                                  |
| 6,001,610 | 08/805,180 | US | 1997-08-01 | 11/23/1999 | USER NAME AUTHENTICATION FOR GATEWAY CLIENTS ACCESSING A PROXY CACHE SERVER                                                 |
| 6,005,013 | 08/802,283 | US | 1997-12-31 | 05/16/2000 | APPARATUS AND METHOD FOR IDENTIFYING AND RECOVERING FROM DATABASE ERRORS                                                    |
| 6,738,307 | 09/059,137 | US | 1999-04-13 |            | MAINTAINING A SOFT-TOKEN PRIVATE KEY STORE IN A DISTRIBUTED ENVIRONMENT                                                     |
| 6,738,307 | 09/059,137 | US | 2000-10-12 |            | MAINTAINING A SOFT-TOKEN PRIVATE KEY STORE IN A DISTRIBUTED ENVIRONMENT                                                     |
| 6,047,289 | 08/865,858 | US | 1997-11-07 | 04/04/2000 | METHOD AND APPARATUS FOR DIRECTED DATA PROPAGATION                                                                          |
| 6,199,649 | 09/034,632 | US | 1998-03-03 | 06/22/2000 | METHOD AND SYSTEM FOR SUPPLANTING A FIRST NAME BASE WITH A SECOND NAME BASE                                                 |
| 6,219,642 | 08/885,114 | US | 1998-06-01 | 04/17/2001 | NETWORK LICENSE AUTHENTICATION                                                                                              |
| 6,023,506 | 09/121,691 | US | 1996-02-10 | 03/08/2000 | INTEGRITY VERIFYING AND CORRECTING SOFTWARE                                                                                 |
| 6,037,494 | 09/145,572 | US | 1998-12-08 | 02/24/2004 | BOUNDARY IDENTIFICATION AND CHARACTERIZATION THROUGH DENSITY DIFFERENCING                                                   |
| 6,081,900 | 09/068,795 | US | 1998-05-16 | 05/27/2000 | SECURE INTRANET ACCESS (SSL-128)                                                                                            |
| 6,610,302 | 09/491,506 | US | 2000-01-28 | 10/28/2003 | SECURE INTRANET ACCESS (SSL-128)                                                                                            |
| 6,860,938 | 10/650,211 | US | 2000-08-26 | 05/27/2005 | SECURE INTRANET ACCESS (SSL-128)                                                                                            |
|           | 08/484,621 | US | 2000-01-10 |            | BROKERING STATE INFORMATION AND IDENTITY AMONG USER AGENTS, ORIGIN SERVERS, AND PROXIES                                     |
|           | 10/784,440 | US | 2004-02-23 |            | TECHNIQUES FOR SECURELY MANAGING AND ACCELERATING DATA DELIVERY                                                             |
|           | 10/814,883 | US | 2004-03-31 |            | TECHNIQUES FOR SECURELY ACCELERATING EXTERNAL DOMAINS LOCALLY                                                               |
| 6,109,403 | 09/119,056 | US | 1998-07-21 | 02/13/2001 | AUTHORITY DELEGATION WITH SECURE OPERATING SYSTEM QUEUES                                                                    |
| 6,216,128 | 09/103,702 | US | 1999-06-24 | 04/10/2001 | SYSTEM AND METHOD FOR RAPID RETRIEVAL IN A FULL TEXT INDEXING SYSTEM                                                        |
| 6,330,642 | 08/785,882 | US | 1998-11-19 | 12/11/2001 | PROXY CACHE CLUSTER                                                                                                         |
| 6,405,199 | 08/143,340 | US | 1998-10-30 | 06/11/2002 | METHOD AND MECHANISM FOR SEMANTIC TOKEN GENERATION BASED ON MARKED PHRASES IN A CONTENT STREAM                              |
| 6,539,301 | 09/296,687 | US | 1999-04-21 | 03/26/2003 | SYSTEM AND METHOD FOR SYNCHRONIZING DATABASE INFORMATION                                                                    |
| 6,609,158 | 10/427,259 | US | 1998-10-23 | 09/19/2003 | COMPONENT ARCHITECTURE IN A COMPUTER SYSTEM                                                                                 |
| 6,219,676 | 09/389,347 | US | 1999-09-06 | 04/17/2001 | METHODOLOGY FOR CACHE COHERENCY OF WEB SERVER DATA                                                                          |
| 6,324,976 | 09/533,142 | US | 2000-08-29 | 07/23/2002 | METHOD OF IMPLEMENTING A FORWARD COMPATIBILITY NETWORK DIRECTORY SYNTAX (BLOS SYNTAX)                                       |
| 7,106,262 | 09/029,147 | US | 2001-03-24 | 11/14/2006 | METHOD AND SYSTEM FOR PROVIDING QUALITY OF SERVICE OPERATIONS USING IP ADDRESSES                                            |
| 6,302,730 | 09/616,196 | US | 2000-07-14 | 01/04/2003 | METHOD AND SYSTEM FOR EFFICIENTLY WATCHING EVENTS WITH SUBSCRIBERS IN A CONTENT BASED PUBLISH-SUBSCRIBE SYSTEM              |
| 6,716,371 | 09/739,640 | US | 2001-08-12 | 04/06/2004 | XML BASED INTEGRATED SERVICES FRAMEWORK                                                                                     |
| 6,830,836 | 09/865,332 | US | 2001-06-25 | 03/27/2005 | XML BASED INTEGRATED SERVICES PARSING                                                                                       |
| 6,941,560 | 09/836,257 | US | 2001-05-25 | 03/06/2005 | XML BASED INTEGRATED SERVICES EVENT SYSTEM                                                                                  |
| 6,772,265 | 09/878,710 | US | 2001-06-11 | 08/03/2004 | XML BASED INTEGRATED SERVICES BRIDGING                                                                                      |
| 7,146,340 | 09/915,050 | US | 2001-07-25 | 12/05/2006 | METHODS AND SYSTEMS FOR LICENSING ELECTRONIC DATA                                                                           |
| 6,980,508 | 09/752,348 | US | 2000-12-29 | 01/31/2006 | METHOD AND MECHANISM FOR VENDING DIGITAL CONTENT                                                                            |
| 7,386,514 | 11/266,924 | US | 2005-11-04 | 05/10/2008 | METHOD AND MECHANISM FOR VENDING DIGITAL CONTENT                                                                            |
|           | 11,852,502 | US | 2007-08-10 |            | METHOD AND MECHANISM FOR VENDING DIGITAL CONTENT                                                                            |
| 7,072,511 | 10/238,618 | US | 2002-07-24 | 07/04/2006 | SYSTEM AND METHOD FOR INCREMENTAL REPLICATION OF CHANGES IN A STATE BASED DISTRIBUTED DATABASE                              |
| 1,267,890 | 01/02864,4 | DE | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS |

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SCHWEGMAN, LUNDBERG, WOESSNER

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| 1,257,350 | 01902964.4   | FR | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS                      |
| 1,257,890 | 01902964.4   | GB | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS                      |
| 1,257,430 | 01902964.4   | IE | 2002-05-23 | 10/10/2007 | SYSTEM AND METHOD FOR USING DIRECTORY SERVICES TO FACILITATE ACCESS TO APPLICATIONS AVAILABLE ON REMOTE THIN CLIENT SERVERS                      |
|           |              | AU | 2001-01-15 |            | System and method for using directory services to facilitate access to applications available on thin client servers                             |
| 7,412,274 | 16,056,768   | US | 2002-01-30 |            | METHOD TO DYNAMICALLY DETERMINE A USER'S LANGUAGE FOR A NETWORK                                                                                  |
| 7,251,290 | 10,032,822   | US | 2002-03-06 | 10/10/2007 | METHODS, DATA STRUCTURES, AND SYSTEMS TO REMOTELY VALIDATE A MESSAGE                                                                             |
|           | 10,032,417   | US | 2002-03-15 |            | METHODS, SYSTEMS, AND DATA STRUCTURES FOR SECURE DATA CONTENT PRESENTATION                                                                       |
| 7,133,751 | 16,175,843   | US | 2002-06-21 | 12/12/2006 | SYSTEM AND METHOD FOR DISTRIBUTING SELECTED OBJECTS FROM A SOURCE DATABASE TO A DESTINATION DATABASE                                             |
| 7,000,077 | 10,175,877   | US | 2002-05-21 | 02/14/2006 | SYSTEM AND METHOD FOR DISTRIBUTING A SELECTED OBJECT AND FOR AUTOMATICALLY DISTRIBUTING THE OBJECTS THAT ARE ASSOCIATED WITH THE SELECTED OBJECT |
| 7,124,330 | 10,213,651   | US | 2002-09-06 | 10/17/2006 | CLUSTER FAILOVER VIA DISTRIBUTED CONFIGURATION REPOSITORY                                                                                        |
| 6,097,362 | 10,076,926   | US | 1998-05-12 | 08/01/2009 | METHOD AND APPARATUS FOR BUILDING AN APPLICATION INTERFACE                                                                                       |
| 6,063,522 | 09,586,575   | US | 2000-06-14 | 05/13/2003 | METHOD AND APPARATUS FOR BUILDING AN APPLICATION INTERFACE                                                                                       |
| 7,762,551 | 16,434,232   | US | 2003-05-06 |            | METHOD AND APPARATUS FOR BUILDING AN APPLICATION INTERFACE                                                                                       |
| 6,880,129 | 09,553,586   | US | 2000-04-20 | 04/12/2005 | METHOD AND APPARATUS FOR USING NAME SPACES IN A GRAPHICAL USER INTERFACE                                                                         |
| 7,153,031 | 10,378,222   | US | 2000-03-03 | 01/02/2007 | METHOD AND SYSTEM FOR IMPROVING NETWORK INTERFACE CARD LEVEL LOAD BALANCING FOR WBOUND TRAFFIC                                                   |
| 7,000,594 | 10,375,538   | US | 2003-02-26 |            | HETEROGENEOUS NORMALIZATION OF DATA CHARACTERISTICS                                                                                              |
| 7,392,318 | 10,403,268   | US | 2000-05-07 | 05/14/2006 | METHOD AND SYSTEM FOR BALANCING A TRAFFIC LOAD IN A HALF-DUPLEX ENVIRONMENT                                                                      |
| 7,060,897 | 10,409,529   | US | 2000-04-04 | 03/16/2010 | METHODS AND SYSTEMS FOR MANAGING NETWORK TRAFFIC                                                                                                 |
| 7,345,337 | 10,724,703   | US | 2000-12-12 | 03/25/2006 | TECHNIQUES FOR SHAPING DATA TRANSMISSION RATES                                                                                                   |
| 7,004,522 | 10,959,595   | US | 2004-11-30 | 12/15/2009 | RANDOM NUMBER GENERATION                                                                                                                         |
|           | 05,102,280   | EP | 2005-02-21 |            | DISTRIBUTED WORKFLOW TECHNIQUES                                                                                                                  |
| 7,532,168 | 11,562,454   | US | 2005-02-22 | 05/12/2009 | SYSTEM AND METHOD FOR STAGGERING THE START TIME OF SCHEDULED ACTIONS FOR A GROUP OF NETWORKED COMPUTERS                                          |
|           | 11,125,874   | US | 2005-06-15 |            | TECHNIQUES FOR DEBUGGING AN APPLICATION                                                                                                          |
| 7,554,848 | 11,142,486   | US | 2005-06-06 | 02/16/2010 | SYSTEM AND METHOD FOR MONITORING NETWORKED DEVICES EMPLOYING RSS FUNCTIONALITY                                                                   |
|           | 11,215,088   | US | 2005-02-30 |            | SPECULATIVE AUTONOMOUS DEPENDENCY RESOLUTION                                                                                                     |
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SCHWEGMAN, LUNDBERG, WOESSNER

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