PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3121342

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST RECORDED AT REEL/FRAME 030323/0401

CONVEYING PARTY DATA

Name	Execution Date
CREDIT SUISSE AG	11/20/2014

RECEIVING PARTY DATA

Name:	NOVELL, INC.
Street Address:	1800 SOUTH NOVELL PLACE
City:	PROVO
State/Country:	UTAH
Postal Code:	84606

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	13755943
Application Number:	13781385
Application Number:	13803365
Application Number:	13832738

CORRESPONDENCE DATA

Fax Number: (312)862-2200

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.

Phone: 3128626371
Email: michelle.nowicki@kirkland.com
Correspondent Name: RENEE M. PRESCAN
Address Line 1:   300 N. LASALLE
Address Line 2:   KIRKLAND & ELLIS LLP
Address Line 4:   CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	42131-6 RMP
NAME OF SUBMITTER:	RENEE M. PRESCAN
SIGNATURE:	/RENEE M. PRESCAN/
DATE SIGNED:	11/24/2014

Total Attachments: 29
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page1.tif

source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page2.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page3.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page4.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page5.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page6.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page7.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page8.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page9.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page10.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page11.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page12.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page13.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page14.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page15.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page16.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page17.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page18.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page19.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page20.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page21.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page22.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page23.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page24.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page25.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page26.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page27.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page28.tif
source=Patent Release from Credit Suisse to Novell, Inc. - First Lien#page29.tif

RELEASE OF SECURITY INTEREST IN PATENTS
FIRST LIEN

This RELEASE OF PATENT SECURITY INTEREST IN PATENTS - FIRST LIEN (this "Patent Release") is made as of November 20, 2014 from Credit Suisse AG, ("CS"), as Collateral Agent (as defined below) for the Beneficiaries (as defined in the First Lien Credit Agreement referred to below), to Novell, Inc., a Delaware corporation (the "Grantor"). Unless otherwise defined herein, terms defined in the First Lien Credit Agreement and used herein have the meaning given to them in the First Lien Credit Agreement.

WHEREAS, Attachmate Corporation, a Washington corporation ("Attachmate"), NetIQ Corporation, a Delaware corporation ("NetIQ"), and Novell, Inc., a Delaware corporation, ("Novell," and together with Attachmate and NetIQ, the "Borrowers"), and The Attachmate Group, Inc., a Delaware corporation ("Holdings") entered into a First Lien Credit Agreement dated as of May 22, 2012 (said First Lien Credit Agreement, as it may heretofore have been and as it may hereafter be further amended, restated, supplemented or otherwise modified from time to time, being the "First Lien Credit Agreement") with the financial institutions named therein (collectively, together with their respective successors and assigns party to the First Lien Credit Agreement from time to time, the "Lenders") and Credit Suisse AG ("CS"), as administrative agent for Lenders (in such capacity, "Administrative Agent") and as collateral agent for Beneficiaries (in such capacity, "Collateral Agent") pursuant to which Lenders have made certain commitments, subject to the terms and conditions set forth in the First Lien Credit Agreement, to extend certain credit facilities to Borrowers;

WHEREAS, in connection with the First Lien Credit Agreement, the Grantor executed that certain Grant of Patent Security Interest, dated May 22, 2012, July 30, 2012, October 30, 2012, December 31, 2012, April 30, 2013 and July 30, 2013 (collectively, as the same may be or may have been amended, restated or amended and restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement") pursuant to which the Grantor granted to the Collateral Agent, for the benefit of the Lenders, a security interest in the Patent Collateral (as defined below);

WHEREAS, the Grant of Patent Security Interest dated May 22, 2012 was recorded in the U.S. Patent and Trademark Office on May 23, 2012 at Reel/Frame No. 028252/0216 in favor of the Collateral Agent against the Patent Collateral listed in Schedule A;

WHEREAS, the Grant of Patent Security Interest dated July 30, 2012 was recorded in the U.S. Patent and Trademark office on August 1, 2012 at Reel/Frame 028701/0698 in favor of the Collateral Agent against the Patent Collateral listed in Schedule B;

WHEREAS, the Grant of Patent Security Interest dated October 30, 2012 was recorded in the U.S. Patent and Trademark office on December 20, 2012 at Reel/Frame 029530/0668 in favor of the Collateral Agent against the Patent Collateral listed in Schedule C;

WHEREAS, the Grant of Patent Security Interest dated January 30, 2013 was recorded in the U.S. Patent and Trademark office on March 4, 2013 at Reel/Frame 029919/0575 in favor of the Collateral Agent against the Patent Collateral listed in Schedule D;

WHEREAS, the Grant of Patent Security Interest dated April 30, 2013 was recorded in the U.S. Patent and Trademark office on April 30, 2013 at Reel/Frame 030323/0401 in favor of the Collateral Agent against the Patent Collateral listed in Schedule E;

WHEREAS, the Grant of Patent Security Agreement dated July 30, 2013 was recorded in the U.S. Patent and Trademark office on August 7, 2013 at Reel/Frame 030985/0319 in favor of the Collateral Agent against the Patent Collateral listed in Schedule F;

WHEREAS, the Collateral Agent, now desires to terminate and release the entirety of any security interest it may have in the Patent Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and upon the terms set forth in this Patent Release, the Collateral Agent, and the Grantor hereby agree as follows:

SECTION 1.   Patent Collateral. The term "Patent Collateral," as used herein, shall mean:

(a)   all rights, title and interest (including rights acquired pursuant to a license or otherwise) in and to all patents and patent applications and rights and interests in patents and patent applications under any domestic or foreign law that are presently, or in the future may be, owned or held by such Grantor and all patents and patent applications and rights, title and interests in patents and patent applications under any domestic or foreign law that are presently, or in the future may be, owned by such Grantor in whole or in part (including, without limitation, the patents and patent applications set forth on Schedules A, B, C, D, E and F annexed hereto), all rights (but not obligations) corresponding thereto to sue for past, present and future infringements and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof; and

(b)   all proceeds, products, rents and profits of or from any and all of the foregoing Patent Collateral and, to the extent not otherwise included, all payments under insurance (whether or not Collateral Agent is the loss payee thereof), or any indemnity, warranty or guaranty, payable by reason of loss or damage to or otherwise with respect to any of the foregoing Patent Collateral. For purposes of this Grant of Patent Security Interest, the term "proceeds" includes whatever is receivable or received when Patent Collateral or proceeds are sold, licensed, exchanged, collected or otherwise disposed of, whether such disposition is voluntary or involuntary.

SECTION 2.   Release of Security Interest. The Collateral Agent, hereby terminates the Patent Security Agreement (including, for the avoidance of doubt, each Grant of Patent Security Interest comprising the Patent Security Agreement), and hereby fully and finally terminates, cancels, releases, and discharges, any security interest it may have in the Patent Collateral. The Collateral Agent agrees, at the Borrower's expense, to cooperate with, and to provide the Borrowers, their successors, assigns or other legal representatives with, the documentation, information and additional authorization requested by Borrowers to effect the release of any security interest it may have in the Patent Collateral.

SECTION 3.   Recordation. The Collateral Agent, authorizes the recordation of this Patent Release with the United States Patent and Trademark Office and any other applicable registry.

PATENT
REEL: 034446 FRAME: 0346

SECTION 4.   Applicable Law. This Patent Release and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

IN WITNESS WHEREOF, the undersigned has executed this Patent Release by its duly authorized officer as of the date first above written.

CREDIT SUISSE AG, CAYMAN ISLANDS
BRANCH,
as Collateral Agent

By: _____
Name: JUDITH SMITH
Title: AUTHORIZED SIGNATORY

By: _____
Name: D. ANDREW MALETTA
Title: AUTHORIZED SIGNATORY

[Signature Page for the Release of Security Interest in Patents - First Lien]
(Novell, Inc.)

SCHEDULE A
PATENT COLLATERAL
Reel/Frame: 028252/0216

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1.	Idle detection system	07491211	3/9/1990	5355501	10/11/1994	Novell, Inc.
2.	Method and apparatus for analyzing networks	07939850	9/2/1992	5247517	9/21/1993	Novell, Inc.
3.	Digital media data stream network management system	08013009	2/3/1993	5719786	2/17/1998	Novell, Inc.
4.	Method for storing a database in extended attributes of a file system	08165971	12/10/1993	5499358	3/12/1996	Novell, Inc.
5.	Method and apparatus for performing rapid and multi-dimensional word searches	08208773	3/9/1994	6081804	6/27/2000	Novell, Inc.
6.	Method and apparatus for electronic license distribution	08223093	4/4/1994	5553139	9/3/1996	Novell, Inc.
7.	Method and apparatus for digital data processor file configuration detection	08326738	10/20/1994	5440738	8/8/1995	Novell, Inc.
8.	Direct interactive, constant-time curve apparatus and method	08410274	3/24/1995	5694535	12/2/1997	Novell, Incorporated
9.	Methods for storing a database in extended attributes of a file system	08489128	6/9/1995	5628007	5/6/1997	Novell, Inc.
10.	Automated test harness	08518160	8/23/1995	5909544	6/1/1999	Novell, Inc.
11.	Method and apparatus for collaborative document control	08547054	10/23/1995	5787175	7/28/1998	Novell, Inc.
12.	Certificate revocation performance optimization	08548461	10/26/1995	5687235	11/11/1997	Novell, Inc.
13.	Method and apparatus for determining characteristics of a path	08550981	10/31/1995	5781534	7/14/1998	Novell, Inc.
14.	Method and apparatus for messaging of binary files	08589014	1/19/1996	5808751	9/15/1998	Novell, Inc.
15.	Method and apparatus for rapid full text index creation	08609233	3/1/1996	5701459	12/23/1997	Novell, Inc.
16.	Method and apparatus for electronic license distribution	08642607	5/3/1996	5903650	5/11/1999	Novell, Inc.
17.	Automatic, context-organizing, query interface	08650146	5/17/1996	5963938	10/5/1999	Novell, Inc.
18.	Method and apparatus for rapid full text index creation	08663747	6/18/1996	5717912	2/10/1998	Novell, Inc.
19.	Media-independent document security method and apparatus	08680565	7/12/1996	5974548	10/26/1999	Novell, Inc.
20.	Data compression method and apparatus	08697292	8/26/1996	5850565	12/15/1998	Novell, Inc.
21.	System for acknowledging availability of neighbor node using data packet containing data that is ordinarily fowarded to neighbor node	08712476	9/11/1996	5805818	9/8/1998	Novell, Inc.
22.	Unilaterally-controlled, time-insensitive, data-link recovery apparatus and method	08717486	9/20/1996	5835698	11/10/1998	Novell, Inc.
23.	Heterogeneous record search	08749575	11/15/1996	6167393	12/26/2000	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	apparatus and method					
24.	Alternate key index query apparatus and method	08749576	11/15/1996	5884304	3/16/1999	Novell, Inc.
25.	Filtered index apparatus and method	08749860	11/15/1996	5873079	2/16/1999	Novell, Inc.
26.	Curve-length approximation apparatus and method	08751185	11/15/1996	5731820	3/24/1998	Novell, Inc.
27.	Hybrid query apparatus and method	08751540	11/15/1996	5870739	11/15/1996	Novell, Inc.
28.	Method and system for implementing objects in a storage system	08766685	12/13/1996	5915253	6/22/1999	Novell, Inc.
29.	Method and system for maintaining a preferred sequence for accessing a plurality of objects	08766746	12/13/1996	5787439	7/28/1998	Novell, Inc.
30.	Method for creating a relational description of a formatted transaction	08782379	1/13/1997	5878419	3/2/1999	Novell, Inc.
31.	Directory-services-based software distribution apparatus and method	08798837	2/12/1997	6115549	9/5/2000	Novell Inc.
32.	Method and system for image animation	08801912	2/14/1997	5946002	8/31/1999	Novell, Inc.
33.	Method and system for dynamic control of a messaging environment from a facsimile processor	08818329	3/14/1997	5920404	7/6/1999	Novell, Inc.
34.	Distributed database using indexed into tags to tracks events according to type, update cache, create virtual update log on demand	08950575	10/15/1997	5924096	7/13/1999	Novell, Inc.
35.	Method and system for generating in a headerless apparatus a communications header for use in routing of a message	08818510	3/14/1997	5982507	11/9/1999	Novell, Inc.
36.	Method and apparatus for securing and storing executable content	08822116	3/21/1997	5933826	8/3/1999	Novell, Inc.
37.	Processes and apparatuses for generating file correspondency through replication and synchronization between target and source computers	08823517	3/24/1997	5950198	9/7/1999	Novell, Inc.
38.	Trusted workstation in a networked client/server computing system	08828724	3/23/1997	6477648	11/5/2002	Novell, Inc.
39.	Method and system for integrating external functions into an application environment	08833592	4/7/1997	6138170	10/24/2000	Novell, Inc.
40.	Real-mode, 32-bit, flat-model execution apparatus and method	08842962	4/25/1997	5978882	11/2/1999	Novell, Inc.
41.	Method and system for time synchronization management	08858700	5/19/1997	6094672	7/22/2000	Novell, Inc.
42.	System for placing packets on network for transmission from sending endnode to receiving endnode at times which are determined by window size and metering interval	08866542	5/30/1997	6105064	8/15/2000	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
43.	Full text index reference compression	08888968	7/7/1997	5913209	6/15/1999	Novell, Inc.
44.	Method and apparatus for providing a virtual private network	08904817	8/1/1997	6092200	7/18/2000	Novell, Inc.
45.	System and method for managing user accounts in a communication network	08912703	8/18/1997	6144959	11/7/2000	Novell, Inc.
46.	Method and apparatus for generically viewing and editing objects	08932276	9/17/1997	6119122	9/12/2000	Novell, Inc.
47.	Distributed dynamic security capabilities	08943537	10/1/1997	6119230	9/12/2000	Novell, Inc.
48.	Conference messaging system	08956145	10/22/1997	6151620	11/21/2000	Novell, Inc.
49.	Distributed diagnostic logging system	08959429	10/28/1997	6247149	6/12/2001	Novell, Inc.
50.	Navigation between property pages with tabs and menus	08960809	10/30/1997	6002398	12/14/1999	Novell, Inc.
51.	Sub-foldering system in a directory-service-based launcher	08969894	11/13/1997	5987471	11/16/1999	Novell, Inc.
52.	Method and apparatus for quality of service management	08999096	12/29/1997	6047322	4/4/2000	Novell, Inc.
53.	Traffic monitoring tool for bandwidth management	08999517	12/29/1997	6578077	6/10/2003	Novell, Inc.
54.	Method and apparatus for acquiring authorized access to resources in a distributed system	09012506	1/23/1998	6192405	2/20/2001	Novell, Inc.
55.	Method to collate and extract desired contents from heterogeneous text-data streams	09017718	2/4/1998	6411974	6/25/2002	Novell, Inc.
56.	Processes and apparatuses for uploading instructions to a computer	09023822	2/13/1998	6151709	11/21/2000	Novell, Inc.
57.	Client inherited functionally derived from a proxy topology where each proxy is independently configured	09023895	2/13/1998	6112228	8/29/2000	Novell, Inc.
58.	Method and apparatus for synchronizing an application's interface and data	09076921	5/12/1998	6330006	12/11/2001	Novell, Inc.
59.	Method and apparatus for accessing data sources in a three tier environment	09076924	5/12/1998	6209029	3/27/2001	Novell, Inc.
60.	Secure distribution and use of weighted network topology information	09182978	10/29/1998	6185612	2/6/2001	Novell, Inc.
61.	Multiple storage class distributed nametags for locating items in a distributed computing system	09244830	2/4/1999	6510450	1/21/2003	Novell, Inc.
62.	Deputization in a distributed computing system	09252435	2/18/1999	6601171	7/29/2003	Novell, Inc.
63.	Method and apparatus for characterizing and retrieving query results	09270382	3/16/1999	6275819	8/14/2001	Novell, Inc.
64.	Checksum generator with	09275201	3/24/1999	6324670	11/27/2001	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	minimum overflow					
65.	Searching and filtering content streams using contour transformations	09352421	7/12/1999	6459809	10/1/2002	Novell, Inc.
66.	Task distribution	09354429	7/16/1999	6647408	11/11/2003	Novell, Inc.
67.	Media-independent document security method and apparatus	09364545	7/29/1999	6351815	2/26/2002	Novell, Inc.
68.	Communication interface for providing accounting support for print services	09390954	9/7/1999	7475031	1/6/2009	Novell, Inc.
69.	Method and apparatus for exposing network administration stored in a directory using http/webdav protocol	09394590	9/13/1999	6947991	9/20/2005	Novell, Inc.
70.	Operator for correlated predicates in a query	09440482	11/15/1999	6560595	5/6/2003	Novell, Inc.
71.	Infrastructure for supporting file replications	09441189	11/15/1999	6477583	11/5/2002	Novell, Inc.
72.	Deputization in a distributed computing system	09442521	11/18/1999	6742114	5/25/2004	Novell, Inc.
73.	Caching and accessing rights in a distributed computing system	09450867	11/30/1999	7185047	2/27/2007	Novell, Inc.
74.	Directory enabled policy management tool for intelligent traffic management	09454147	12/3/1999	6816903	11/9/2004	Novell, Inc.
75.	High performance computing system for distributed applications over a computer	09460617	12/14/1999	6651242	11/18/2003	Novell, Inc.
76.	Method and apparatus for implementing a highly efficient, robust modified files list (mfl) for a storage system volume	09466359	12/17/1999	6560615	5/6/2003	Novell, Inc.
77.	Method for dynamic validation of a distributed database segment which yields a suitable successor	09483131	1/14/2000	6578035	6/10/2003	Novell, Inc.
78.	Method and system for integrating external functions into an application environment	09491963	1/27/2000	6546433	1/27/2000	Novell, Inc.
79.	Method for backing up consistent versions of open files	09504237	2/15/2000	6484186	11/19/2002	Novell, Inc.
80.	Apparatus and method for automatically authenticating a network client	09518664	3/3/2000	7231517	6/12/2007	Novell, Inc.
81.	System crash network access	09526040	3/14/2000	6601184	7/29/2003	Novell, Inc.
82.	System and method for filtering of web-based content stored on a proxy cache server	09560307	4/27/2000	6772214	8/3/2004	Novell, Inc.
83.	Volume location service for a distributed file system	09564590	5/3/2000	7035931	4/25/2006	Novell, Inc.
84.	Virtual partition vector for a computer directory system	09588962	6/7/2000	6516325	2/4/2003	Novell, Inc.
85.	Methods of hierarchically parsing and indexing text	09652267	8/31/2000	6697801	2/24/2004	Novell, Inc.
86.	Method and system for enhancing quorum based access control to a database	09659127	9/11/2000	6775668	8/10/2004	Novell, Inc.
87.	System and method for sharing files via a user internet file system	09685238	10/10/2000	7130880	10/31/2006	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
88.	System and method for balancing tcp/ip/workload of multi-processor system based on hash buckets	09685657	10/10/2000	7020713	3/28/2006	Novell, Inc.
89.	System and method for automatic provisioning of onsite networking services	09739011	12/19/2000	8145798	3/27/2012	Novell, Inc.
90.	System and method for registering a client device	09741425	12/21/2000	7200661	4/3/2007	Novell, Inc.
91.	Method and system for generating dynamic images	09766407	1/22/2001	7343560	3/11/2008	Novell, Inc.
92.	Security context sharing	09772256	1/29/2001	7240202	7/3/2007	Novell, Inc.
93.	Anonymous shopping transactions on a network through information broker services	09821040	3/30/2001	7640187	12/29/2009	Novell, Inc.
94.	System and method of lowering overhead and latency needed to service operating system interrupts	09832769	4/11/2001	6792492	9/14/2004	Novell, Inc.
95.	Method and system for using live time shift technology to control a multimedia file	09860249	5/18/2001	6990512	1/24/2006	Novell, Inc.
96.	System and method for partitioning address space in a proxy cache server cluster	09877918	6/7/2001	6862606	3/1/2005	Novell, Inc.
97.	Method and apparatus for characterizing and retrieving query results	09887136	6/22/2001	6826557	11/30/2004	Novell, Inc.
98.	Methods for increasing cache capacity utilizing delta data	09891707	6/26/2001	6850964	2/1/2005	Novell, Inc.
99.	Methods for reproducing and recreating original data	09891797	6/26/2001	6714950	3/30/2004	Novell, Inc.
100.	Methods and computer readable media for preserving unique critical information during data imaging	09892082	6/26/2001	6684293	1/27/2004	Novell, Inc.
101.	Method and system for filtering spoofed packets in a network	09907861	7/18/2001	7360245	4/15/2008	Novell, Inc.
102.	Checksum generator with minimum overflow	09966032	9/28/2001	6591397	7/8/2003	Novell, Inc.
103.	System and method for controlling access to licensed computing processes via a codified electronic license	09973664	10/9/2001	7680742	3/16/2010	Novell, Inc.
104.	System, method and computer program product for migrating data from one database to another database	10013514	12/13/2001	6915287	7/5/2005	Novell, Inc.
105.	Methods, data structures, and systems to access data in cross-languages from cross-computing environments	10051545	1/18/2002	7225222	5/29/2007	Novell, Inc.
106.	System and method for transparent takeover of tcp connections between servers	10055865	1/23/2002	7076555	7/11/2006	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
107.	System and method to reduce the time and complexity of information technology classroom setup	10060345	2/1/2002	6941105	9/6/2005	Novell, Inc.
108.	Method and apparatus to dynamically provide web content resources in a portal	10066465	1/30/2002	7987421	7/26/2011	Novell, Inc.
109.	Method and apparatus for maintaining peripheral device support information	10073571	2/11/2002	7330913	2/12/2008	Novell, Inc.
110.	System and method for distance learning	10082248	2/26/2002	7698360	4/13/2010	Novell, Inc.
111.	System and method for evaluating a person's information technology skills	10087977	3/5/2002	7331791	2/19/2008	Novell, Inc.
112.	Server for synchronization of files	10098985	3/15/2002	7035847	4/25/2006	Novell, Inc.
113.	Client-server model for synchronization of files	10099522	3/15/2002	7734826	6/8/2010	Novell, Inc.
114.	Methods, systems, and data structures for electronic addressing	10099789	3/15/2002	7558826	7/7/2009	Novell, Inc.
115.	Markers for cached objects	10113235	4/1/2002	7680875	3/16/2010	Novell, Inc.
116.	Method and apparatus for controlling access to portal content from outside the portal	10119784	4/9/2002	7890639	2/15/2011	Novell, Inc.
117.	Methods, systems and data structures for assigning categories to electronic mail	10171218	6/12/2002	7237009	6/26/2007	Novell, Inc.
118.	System and method for restoring a database in a distributed database system	10196923	7/17/2002	7725428	5/25/2010	Novell, Inc.
119.	Intelligent replication method	10198725	7/16/2002	6973464	12/6/2005	Novell, Inc.
120.	Workstation virus lockdown in a distribution environment	10206627	7/29/2002	7752317	7/6/2010	Novell, Inc.
121.	Searching and filtering content streams using contour transformations	10222495	8/15/2002	6650777	8/15/2002	Novell, Inc.
122.	Enforcing security on an attribute of an object	10242007	9/12/2002	7107538	9/12/2006	Novell, Inc.
123.	Method for dynamically distributing items for changes based on group membership	10251572	9/20/2002	7236977	6/26/2007	Novell, Inc.
124.	System and method for disaster recovery for a computer network	10252551	9/24/2002	7124322	10/17/2006	Novell, Inc.
125.	Apparatus for policy based storage of file data and meta-data changes over time	10283611	10/29/2002	7213040	5/1/2007	Novell, Inc.
126.	Securing selected data within a message	10301977	11/22/2002	7529940	5/5/2009	Novell, Inc.
127.	Multiple storage class distributed nametags for locating items in a distributed computing system	10324186	12/19/2002	7359934	4/15/2008	Novell, Inc.
128.	Method and apparatus for dynamically delivering a gadget	10349752	1/21/2003	7660843	2/9/2010	Novell, Inc.
129.	System for dynamically loading application resources from the first server to the second server based on the modified application	10361264	2/10/2003	7765551	7/27/2010	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	resources from the first server					
130.	Selective encryption of media data	10367477	2/14/2003	7320069	1/15/2008	Novell, Inc.
131.	Split screen technique for improving bandwidth utilization when transferring changing images	10369412	2/18/2003	7203359	4/10/2007	Novell, Inc.
132.	Xml multi-stage policy implementation in xslt	10369833	2/20/2003	7636725	12/22/2009	Novell, Inc.
133.	Method for performing distributed administration	10374960	2/25/2003	7389511	6/17/2008	Novell, Inc.
134.	Protection of data accessible by a mobile device	10377265	2/28/2003	7308703	12/11/2007	Novell, Inc.
135.	Installation relationship database	10387523	3/14/2003	7181739	2/20/2007	Novell, Inc.
136.	Computing environment failover in a branch office environment	10393676	3/20/2003	7287083	10/23/2007	Novell, Inc.
137.	Utility based filtering mechanism for pmtu probing	10408295	4/7/2003	7304959	12/4/2007	Novell, Inc.
138.	Administration of protection of data accessible by a mobile device	10413443	4/11/2003	7353533	4/1/2008	Novell, Inc.
139.	Method and apparatus for moving data between storage devices	10413957	4/14/2003	7281014	10/9/2007	Novell, Inc.
140.	Methods, data stores, data structures, and systems for electronic identity aggregation	10430542	5/6/2003	7571172	8/4/2009	Novell, Inc.
141.	Method and framework for using xml files to modify network resource configurations	10463753	6/17/2003	7546313	6/9/2009	Novell, Inc.
142.	Method and system for reliable multicast data transmission	10621699	7/17/2003	7289500	10/30/2007	Novell, Inc.
143.	Method for coordinating relationships between multiple physical entities	10626097	7/23/2003	7827216	11/2/2010	Novell, Inc.
144.	Task distribution	10636118	8/7/2003	7356819	8/7/2003	Novell, Inc.
145.	Credential mapping	10652710	8/29/2003	7735122	6/8/2010	Novell, Inc.
146.	Policy and attribute based access to a resource	10676231	9/30/2003	8015301	9/6/2011	Novell, Inc.
147.	Systems and methods for accessing web services via an instant messaging client	10691535	10/24/2003	7801946	9/21/2010	Novell, Inc.
148.	Techniques for preserving content during a redirection for authentication	10698303	10/31/2003	7334257	2/19/2008	Novell, Inc.
149.	Techniques for managing secure communications	10752385	1/6/2004	8065720	11/22/2011	Novell, Inc.
150.	Techniques for dynamically establishing and managing authentication and trust relationships	10765523	1/27/2004	7299493	11/20/2007	Novell, Inc.
151.	Techniques for dynamically establishing and managing trust relationships	10770677	2/3/2004	7316027	1/1/2008	Novell, Inc.
152.	Method and system for automatically creating and updating access controls lists	10776150	2/11/2004	7680822	3/16/2010	Novell, Inc.
153.	Distributed dynamic security for document collaboration	10813505	3/30/2004	7467415	12/126/2008	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
154.	System and method for filtering of web-based content stored on a proxy cache server	10878782	6/28/2004	7506055	3/17/2009	Novell, Inc.
155.	Techniques for providing services and establishing processing environments	10880224	6/29/2004	8069443	11/29/2011	Novell, Inc.
156.	Techniques for content filtering	10880760	6/30/2004	7043555	5/9/2006	Novell, Inc.
157.	Administration of protection of data accessible by a mobile device	10897060	7/21/2004	7526800	4/28/2009	Novell, Inc.
158.	Techniques for distributing data	10899876	7/27/2004	8095590	1/10/2012	Novell, Inc.
159.	Computer-implemented method and system for security event correlation	10975374	10/29/2004	7673335	3/2/2010	Novell, Inc.
160.	System and method for codifying security concerns into a user interface	11043984	1/28/2005	7831840	11/9/2010	Novell, Inc.
161.	System, method and computer program product for migrating data from one database to another database	11053327	2/9/2005	7310650	12/18/2007	Novell, Inc.
162.	System and method for determining a nearest network resource using gps coordinates	11108754	4/19/2005	7643835	1/5/2010	Novell, Inc.
163.	System and method for determining effective policy profiles in a client-server architecture	11108766	4/19/2005	7774826	8/10/2010	Novell, Inc.
164.	Techniques for file system translation	11110482	4/20/2005	7647359	1/12/2010	Novell, Inc.
165.	System and method for creating and presenting modal dialog boxes in server-side component web applications	11119825	5/3/2005	7721225	5/18/2010	Novell, Inc.
166.	System for creating a customized software distribution based on user requirements	11134535	5/19/2005	8352935	1/8/2013	Novell, Inc.
167.	Secure systems management	11134542	5/19/2005	7702912	4/20/2010	Novell, Inc.
168.	Proximity warnings for remote services	11137944	5/26/2005	7738127	6/15/2010	Novell, Inc.
169.	System and method for filtering access points presented to a user and locking onto an access point	11176999	7/7/2005			Novell, Inc.
170.	System and method of searching for information based on prior user actions	11195731	8/3/2005	7502798	3/10/2009	Novell, Inc.
171.	System and method of implementing user action monitoring to automatically populate object launchers	11195754	8/3/2005	7184939	2/27/2007	Novell, Inc.
172.	Autonomous policy discovery	11196629	8/3/2005	7774822	8/10/2010	Novell, Inc.
173.	System and method of associating objects in search results	11229628	9/20/2005	7440948	10/21/2008	Novell, Inc.
174.	Delayed application installation	11235026	9/26/2005	7739681	6/15/2010	Novell, Inc.
175.	System for optimizing server use in a data center	11257008	10/25/2005			Novell, Inc.
176.	System for conversion between physical machines, virtual	11257009	10/25/2005	8606886	12/10/2013	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	machines and machine images					
177.	Techniques to pollute electronic profiling	11257614	10/25/2005	8069485	11/29/2011	Novell, Inc.
178.	System and method for balancing tcp/ip/workload of multi-processor system based on hash buckets	11296664	12/7/2005	7694009	4/6/2010	Novell, Inc.
179.	Computer-implemented method and system for security event transport using a message bus	11317231	12/27/2005	7926099	4/12/2011	Novell, Inc.
180.	Server for synchronization of files	11327742	1/5/2006	7657517	2/2/2010	Novell, Inc.
181.	Access control to files based on source information	11330530	1/11/2006			Novell, Inc.
182.	Content distribution via keys	11338065	1/24/2006	8688856	4/1/2014	Novell, Inc.
183.	Techniques for attesting to content	11338393	1/24/2006	7574479	8/11/2009	Novell, Inc.
184.	Policy administration and provisioning	11350430	2/9/2006			Novell, Inc.
185.	System and method of grouping search results using information representations	11366584	3/3/2006	8527874	9/3/2013	Novell, Inc.
186.	System and method of searching for providing dynamic search results with temporary visual display	11366585	3/3/2006	7487146	2/3/2009	Novell, Inc.
187.	System and method of searching for providing clue-based context searching	11366616	3/3/2006	7707146	4/27/2010	Novell, Inc.
188.	System and method of searching for organizing and displaying search results	11366671	3/3/2006	7526478	4/28/2009	Novell, Inc.
189.	System, method, and computer-readable medium for virtual machine instantiation from an external peripheral device	11368195	3/3/2006	7926054	4/15/2011	Novell, Inc.
190.	Parallelizing multiple boot images with virtual machines	11370515	3/7/2006	7536541	5/19/2009	Novell, Inc.
191.	System and method for efficient maintenance of indexes for xml files	11376896	3/16/2006			Novell, Inc.
192.	System and method for providing simple and compound indexes for xml files	11377016	3/16/2006			Novell, Inc.
193.	Receiver non-repudiation via a secure device	11430454	5/9/2006	8171293	5/1/2012	Novell, Inc.
194.	Receiver non-repudiation	11430539	5/9/2006	7890757	2/15/2011	Novell, Inc.
195.	Distributed secure content delivery	11448427	6/7/2006	8745227	6/3/2014	Novell, Inc.
196.	Dynamic creation of a temporary administrative user	11452016	6/13/2006			Novell, Inc.
197.	A method for providing live file transfer between machines	11462435	8/4/2006			Novell, Inc.
198.	Method for consensus decisionmaking in a distributed system	11463368	8/9/2006	7630944	12/8/2009	Novell, Inc.
199.	System and method for creating a pattern installation by cloning software installed another	11466412	8/22/2006	7730480	6/1/2010	Novell, Inc.

LA\3839583.3

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	computer					
200.	Simulation of failure recovery within clustered systems	11467551	8/26/2006	7770063	8/3/2010	Novell, Inc. and International Business Machines Corporation
201.	System and method of re-ordering search results based on prior user actions	11471628	6/21/2006	7539673	5/26/2009	Novell, Inc.
202.	System and method of searching for classifying user activity performed on a computer system	11471631	6/21/2006	7707284	4/27/2010	Novell, Inc.
203.	Transparent network connection takeover	11483811	7/10/2006	7996517	8/9/2011	Novell, Inc.
204.	Managing supplied data	11505134	8/16/2006	8606834	12/10/2013	Novell, Inc.
205.	Techniques for random bit generation	11508719	8/23/2006	8145691	3/27/2012	Novell, Inc.
206.	Enforcing security on attributes of objects	11530985	9/12/2006			Novell, Inc.
207.	System and method of imaging a memory module while in functional operation	11540511	10/2/2006	7725670	5/25/2010	Novell, Inc.
208.	Techniques for modification of access expiration conditions	11590268	10/31/2006	8607303	12/10/2013	Novell, Inc.
209.	Representing extensible markup language (xml) as an executable having conditional authentication or policy logic	11600349	11/16/2006	8069408	11/29/2011	Novell, Inc.
210.	Control of communication ports of computing devices using policy-based decisions	11602721	11/21/2006	8281360	10/2/2012	Novell, Inc.
211.	Rule location, ordering, and combining in a polyhierarchical environment	11610201	12/13/2006	7725416	5/25/2010	Novell, Inc.
212.	System and method for multi-layer distributed switching	11687545	3/16/2007			Novell, Inc.
213.	Virtualized workflow processing	11692309	3/28/2007			Novell, Inc.
214.	Federated role provisioning	11693155	3/29/2007	8719894	5/6/2014	Novell, Inc.
215.	Apparatus for policy based storage of file data and meta-data changes over time	11695370	4/2/2007			Novell, Inc.
216.	Stealth entropy collection	11702453	2/5/2007			Novell, Inc.
217.	Plug-in architecture for window management and desktop compositing effects	11702646	2/6/2007	7996787	8/9/2011	Novell, Inc.
218.	System and method for providing an importance filter for electronic mail messages	11705930	2/14/2007			Novell, Inc.
219.	Detecting movement of a computer device to effect movement of selected display objects	11707894	2/20/2007			Novell, Inc.
220.	System and method for automated provisioning of fmware image instances	11708217	2/20/2007	8365166	1/29/2013	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
221.	Tessellated virtual machines conditionally linked for common computing goals	11731062	3/30/2007	8146080	3/27/2012	Novell, Inc.
222.	Apparatus for policy based storage of file data and meta-data changes over time	11733103	4/9/2007	7693891	4/6/2010	Novell, Inc.
223.	Verifiable virtualized storage port assignments for virtual machines	11743357	5/2/2007	7793101	9/7/2010	Novell, Inc.
224.	Method for dynamically distributing items for changes based on group membership	11750233	5/17/2007	7657548	2/2/2010	Novell, Inc.
225.	Techniques for personalizing content	11750778	5/18/2007			Novell, Inc.
226.	Techniques for local personalization of content	11750791	5/18/2007	8490198	7/16/2013	Novell, Inc.
227.	Techniques for project transformation and management	11756092	5/31/2007			Novell, Inc.
228.	System and method for providing dynamic prioritization and importance filtering of computer desktop icons and program menu items	11763167	6/14/2007	8595647	11/26/2013	Novell, Inc.
229.	System and method for event-based rendering of visual effects	11764542	6/18/2007	8601371	12/3/2013	Novell, Inc.
230.	Techniques for project lifecycle staged-based access control	11765482	6/20/2007	7954135	5/31/2011	Novell, Inc.
231.	Time-based method for authorizing access to resources	11768755	6/26/2007	8205092	6/19/2012	Novell, Inc.
232.	Network evaluation grid techniques	11771709	6/29/2007	8166138	4/24/2012	Novell, Inc.
233.	Project management black box protections	11781325	7/23/2007			Novell, Inc.
234.	Optimized decompression using annotated back buffer	11783069	4/5/2007	7439882	10/21/2008	Novell, Inc.
235.	Tessellated virtual machines for common computing goals	11784869	4/10/2007			Novell, Inc.
236.	Methods, data structures, and systems to access data in cross-languages from cross-computing environments	11796806	4/30/2007	7634537	12/15/2009	Novell, Inc.
237.	Data center life cycle management	11801375	5/9/2007			Novell, Inc.
238.	Method and apparatus for maintaining peripheral device support information	11803589	5/15/2007	7480745	1/20/2009	Novell, Inc.
239.	Identity-aware scheduler service	11809300	5/31/2007			Novell, Inc.
240.	Tessellated applications for user computing environments	11811546	6/11/2007			Novell, Inc.
241.	System & method for automatically registering a client device	11819242	6/26/2007	7730179	6/1/2010	Novell, Inc.
242.	Techniques for instantiating and configuring projects	11831222	7/31/2007	7962889	6/14/2011	Novell, Inc.
243.	Techniques for temporarily holding project stages	11831249	7/31/2007	8682706	3/25/2014	Novell, Inc.
244.	Performing a business transaction without disclosing sensitive	11843572	8/22/2007	8073783	12/6/2011	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	identity information to a relying party					
245.	Credential categorization	11843591	8/22/2007	8479254	7/2/2013	Novell, Inc.
246.	Chaining information card selectors	11843608	8/22/2007	8087060	12/27/2011	Novell, Inc.
247.	Policy-based auditing of identity credential disclosure by a secure token service	11843638	8/22/2007	8370913	2/5/2013	Novell, Inc.
248.	Framework and technology to enable the portability of information cards	11843640	8/22/2007	8074257	12/6/2011	Novell, Inc.
249.	Techniques for dynamically establishing and managing authentication and trust relationships	11844532	8/24/2007	7552468	6/23/2009	Novell, Inc.
250.	Multi-core resource utilization planning	11848661	8/31/2007	8365184	1/29/2013	Novell, Inc.
251.	Techniques for secure network searching	11857690	9/19/2007	8010779	8/30/2011	Novell, Inc.
252.	Generic template to autogenerate reports for software target testing	11879716	7/18/2007	7725772	5/25/2010	Novell, Inc.
253.	Network content in dictionary-based (de)compression	11888248	7/31/2007	7554467	6/30/2009	Novell, Inc.
254.	Coordinating credentials across disparate credential stores	11893780	8/17/2007	8196191	6/5/2012	Novell, Inc.
255.	Searching and replacing credentials in a disparate credential store environment	11897737	8/31/2007	8863246	10/14/2014	Novell, Inc.
256.	Policy based virtual private network (vpn) communications	11904376	9/27/2007			Novell, Inc.
257.	Administration of protection of data accessible by a mobile device	11926314	10/29/2007	7636936	12/22/2009	Novell, Inc.
258.	Administration of protection of data accessible by a mobile device	11926371	10/29/2007			Novell, Inc.
259.	Administration of protection of data accessible by a mobile device	11926436	10/29/2007	7478420	1/13/2009	Novell, Inc.
260.	Administration of protection of data accessible by a mobile device	11926454	10/29/2007	8020192	9/13/2011	Novell, Inc.
261.	Method and system for reliable multicast data transmission	11927085	10/29/2007	8140927	3/20/2012	Novell, Inc.
262.	Techniques for snapshotting	11930434	10/31/2007	7941406	5/10/2011	Novell, Inc.
263.	Multithreaded lock management	11930603	10/31/2007			Novell, Inc.
264.	Clustered snapshots in networks	11931340	10/31/2007	7774568	8/10/2010	Novell, Inc.
265.	Pointguard: method and system for protecting programs against pointer corruption attacks	11932517	10/31/2007	8631248	1/14/2014	Novell, Inc.
266.	Environment managers via virtual machines	11940528	11/15/2007			Novell, Inc.
267.	Synching multiple connected systems according to business policies	11946971	11/29/2007			Novell, Inc.
268.	Techniques for versioning file systems	11949231	12/3/2007	8447733	5/21/2013	Novell, Inc.
269.	Persistent scheduling techniques	11949881	12/4/2007	7996522	8/9/2011	Novell, Inc.
270.	Techniques for dynamic generation and management of	11952383	12/7/2007	8286000	10/9/2012	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	password dictionaries					
271.	Selective desktop control of virtual private networks (vpn's) in a multiuser environment	11956905	12/14/2007	8661524	2/25/2014	Novell, Inc.
272.	Techniques for credential strength analysis via failed intruder access attempts	11964933	12/27/2007	8412931	4/2/2013	Novell, Inc.
273.	Techniques for evaluating patent impacts	11969994	1/7/2008			Novell, Inc.
274.	Techniques for versioning files	11973114	10/5/2007			Novell, Inc.
275.	Techniques for synchronizing and archive-versioning of encrypted files	11973115	10/5/2007	7908490	3/15/2011	Novell, Inc.
276.	Multi-node replication systems, devices and methods	11973198	10/5/2007	8346719	1/1/2013	Novell, Inc.
277.	Single sign-on functionality for secure communications over insecure networks	11974351	10/12/2007	8738897	5/27/2014	Novell, Inc.
278.	Authenticated session replication	11975107	10/17/2007	8458782	6/4/2013	Novell, Inc.
279.	Integrated privilege separation and network interception	11975517	10/19/2007	8635686	1/21/2014	Novell, Inc.
280.	Backup archive management	11980277	10/30/2007	7809910	10/05/2010	Novell, Inc.
281.	Systems and methods for encrypting data	11981197	10/31/2007	8189769	5/29/2012	Novell, Inc.
282.	System and method for providing a hypertext transfer protocol service multiplexer	11984488	11/19/2007	8583793	11/12/2013	Novell, Inc.
283.	Secure launching of browser from privileged process	11985110	11/14/2007	8112791	2/7/2012	Novell, Inc.
284.	Systems and methods for using external authentication service for kerberos pre-authentication	11985110	11/14/2007	8112791[1]	2/7/2012	Novell, Inc.
285.	Processing html extensions to enable support of information cards by a relying party	12019104	1/24/2008			Novell, Inc.
286.	Techniques for authentication via network connections	12025945	2/5/2008	8356335	1/15/2013	Novell, Inc.
287.	Techniques for parallel processing of directory searches	12025958	2/5/2008			Novell, Inc.
288.	Techniques for retaining security restrictions with file versioning	12025977	2/5/2008	8095509	1/10/2012	Novell, Inc.
289.	Techniques for distributed storage aggregation	12025999	2/5/2008	8713127	4/29/2014	Novell, Inc.
290.	Methods for setting and changing the user credential in information cards	12026775	2/6/2008			Novell, Inc.
291.	Coordinated peer-to-peer (p2p) replicated backup and versioning	12027843	2/7/2008	7752168	7/6/2010	Novell, Inc.
292.	Visual and non-visual cues for conveying state of information cards, electronic wallets, and keyrings	12029373	2/11/2008			Novell, Inc.
293.	Info card selector reception of identity provider based data	12030063	2/12/2008			Novell, Inc.

[1] Duplicate entry that was recorded on Reel/Frame 0285252/0216.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	pertaining to info cards					
294.	Multiple storage class distributed nametags for locating items in a distributed computing system	12035341	2/21/2008	7747682	6/29/2010	Novell, Inc.
295.	System and method for secure account reset utilizing information cards	12038674	2/27/2008			Novell, Inc.
296.	Privately sharing relying party reputation with information card selectors	12042205	3/4/2008			Novell, Inc.
297.	System and method for using workflows with information cards	12044816	3/7/2008			Novell, Inc.
298.	Techniques for schema production and transformation	12050431	3/18/2008	8645434	2/4/2014	Novell, Inc.
299.	Techniques for specifying recipients in an electronic mail (email) system	12050467	3/18/2008			Novell, Inc.
300.	Limited service life through virtualized service images	12054664	3/25/2008			Novell, Inc.
301.	Claim category handling	12054774	3/25/2008			Novell, Inc.
302.	Techniques for secure data management in a distributed environment	12110408	4/28/2008	8539229	9/17/2013	Novell, Inc.
303.	Remotable information cards	12111874	4/29/2008	8151324	4/3/2012	Novell, Inc.
304.	Dynamic information card rendering	12112772	4/30/2008			Novell, Inc.
305.	Method for performing distributed administration	12116131	5/6/2008	8769179	7/1/2014	Novell, Inc.
306.	System and method for displaying multiple time zones in an online calendar view	12116363	5/7/2008			Novell, Inc.
307.	Mechanism to build dynamic locations to reduce brittleness in a team environment	12120793	5/15/2008	8806499	8/12/2017	Novell, Inc.
308.	Mechanism to support orphaned and partially configured objects	12123035	5/19/2008	8191036	5/29/2012	Novell, Inc.
309.	System and method for performing designated service image processing functions in a service image warehouse	12123036	5/19/2008	8572607	10/29/2013	Novell, Inc.
310.	Forced answer communications	12128751	5/29/2008	8520806	8/27/2013	Novell, Inc.
311.	Virtual machine communications	12136638	6/10/2008			Novell, Inc.
312.	Mechanisms to persist hierarchical object relations	12137629	6/12/2008	7996429	8/9/2011	Novell, Inc.
313.	Techniques for validating and sharing secrets	12141286	6/18/2008	8170216	5/1/2012	Novell, Inc.
314.	Intention based application customization	12141609	6/18/2008	8381191	2/19/2013	Novell, Inc.
315.	System and method for offline updation of software in virtual machine (vm) images	12144419	6/23/2008	8185884	5/22/2012	Novell, Inc.
316.	Mechanisms to secure data on hard reset of device	12147737	6/27/2008	8640226	1/28/2014	Novell, Inc.
317.	Software package management	12166551	7/2/2008	8281300	10/02/2012	Novell, Inc.
318.	System and method for device mapping based on images and reference points	12171078	7/10/2008	8107736	1/31/2012	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
319.	Secure file processing	12172841	7/14/2008	8448255	5/21/2013	Novell, Inc.
320.	System and method to extend a file manager user interface	12180650	7/28/2008			Novell, Inc.
321.	Identity enabled data level access control	12181939	7/29/2008			Novell, Inc.
322.	Collaborative debating techniques	12196857	8/22/2008			Novell, Inc.
323.	Automated service platform prospecting	12197833	8/25/2008			Novell, Inc.
324.	Interoperable rights management	12210930	9/15/2008			Novell, Inc.
325.	Uninterrupted virtual private network (vpn) connection service with dynamic policy enforcement	12211912	9/17/2008	8209749	6/26/2012	Novell, Inc.
326.	Backup without overhead of installed backup agent	12220878	7/29/2008	7966290	6/21/2011	Novell, Inc.
327.	Endpoint security threat mitigation with virtual machine imaging	12220893	7/29/2008			Novell, Inc.
328.	Scal-free management networks	12229998	8/28/2008			Novell, Inc.
329.	System and method for application-integrated information card selection	12243619	10/1/2008	8468576	6/18/2013	Novell, Inc. and WordPerfect Corporation
330.	Techniques for managing communication sessions	12244855	10/3/2008			Novell, Inc.
331.	Trusted relying party proxy for information card tokens	12248815	10/9/2008			Novell, Inc.
332.	System and method for monitoring reputation changes	12257797	10/24/2008			Novell, Inc.
333.	Spontaneous resource management	12258181	10/24/2008			Novell, Inc.
334.	Self-organizing managed resources	12258577	10/27/2008			Novell, Inc.
335.	Trusted platform module (tpm) assisted data center management	12259382	10/28/2008			Novell, Inc.
336.	Techniques for help desk management	12259460	10/28/2008	8655713	2/18/2014	Novell, Inc.
337.	Techniques for visual integration of meeting space in calendar systems	12271176	11/14/2008	8799048	8/5/2014	Novell, Inc.
338.	Techniques for establishing virtual devices	12271247	11/14/2008	8051432	11/1/2011	Novell, Inc.
339.	Simultaneous screen saver operations	12272024	11/17/2008	8756535	6/17/2014	Novell, Inc.
340.	Techniques for information collaboration	12272882	11/18/2008	8843831	9/23/2014	Novell, Inc.
341.	Localized label user interface control	12284070	9/18/2008	8458589	6/4/2013	Novell, Inc.
342.	Managing diverse hardware using common tools	12286305	9/29/2008			Novell, Inc.
343.	User interface (ui) control for attestation process	12287175	10/7/2008	8225213	7/17/2012	Novell, Inc.
344.	Dynamic and automatic colocation and combining of service providers and service clients in a grid of resources	12290865	11/4/2008			Novell, Inc.
345.	Proactive application workload management	12313989	11/26/2008			Novell, Inc.
346.	Pre-boot securing of operating	12316466	12/12/2008	8566571	10/22/2013	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	system (os) for endpoint evaluation					
347.	File system in a computing environment	12322580	2/3/2009	8510350	8/13/2013	Novell, Inc.
348.	Crowd optimization of ambient conditions	12322902	2/9/2009			Novell, Inc.
349.	Information card federation point tracking and management	12323141	11/25/2008			Novell, Inc.
350.	Information card federation point tracking and management	12323177	11/25/2008			Novell, Inc.
351.	Techniques for caching images	12323564	11/26/2008	8217952	7/10/2012	Novell, Inc.
352.	Techniques for identifying and linking related content	12323589	11/26/2008			Novell, Inc.
353.	System and method for implementing a wireless query and display interface	12324183	11/26/2008			Novell, Inc.
354.	Communication with non-repudiation	12325425	12/1/2008	8458477	6/4/2013	Novell, Inc.
355.	Adaptive screen painting to enhance user perception during remote management sessions	12325538	12/1/2008	8572162	6/4/2013	Novell, Inc.
356.	Identity driven peer-to-peer (p2p) virtual private network (vpn)	12334809	12/15/2008	8683574	3/25/2014	Novell, Inc.
357.	Techniques for network process identity enablement	12335354	12/15/2008	8813197	8/19/2014	Novell, Inc.
358.	Techniques for gauging performance of services	12342289	12/23/2008	8326973	12/4/2012	Novell, Inc.
359.	Techniques for distributed testing	12342564	12/23/2008	8145450	3/27/2012	Novell, Inc.
360.	Systems and methods for providing collaborative editing	12346385	12/30/2008			Novell, Inc.
361.	Identity analysis and correlation	12346657	12/30/2008	8301622	10/30/2012	Novell, Inc.
362.	Content analysis and correlation	12346662	12/30/2008	8296297	10/23/2012	Novell, Inc.
363.	Attribution analysis and correlation	12346665	12/30/2008	8386475	2/26/2013	Novell, Inc.
364.	Information card overlay	12352465	1/12/2009	8083135	12/27/2011	Novell, Inc.
365.	Techniques for file system searching	12356134	1/20/2009	8037113	10/11/2011	Novell, Inc.
366.	Multiple persona information cards	12360313	1/27/2009	8632003	1/21/2014	Novell, Inc.
367.	Network-aware communications	12367960	2/9/2009	8224900	7/17/2012	Novell, Inc.
368.	Virtual machine software license management	12368438	2/10/2009	8595361	11/26/2013	Novell, Inc.
369.	Virtual machine address management	12368489	2/10/2009			Novell, Inc.
370.	Securing a network connection by way of an endpoint computing device	12381624	3/12/2009	8838804	9/16/2014	Novell, Inc.
371.	Data backup for virtual machines	12386157	4/14/2009	8205050	6/19/2012	Novell, Inc.
372.	Dynamic thermal load balancing	12390878	2/23/2009	8086359	12/27/2011	Novell, Inc.
373.	Cluster-free techniques for enabling a directory protocol-based domain name system (dns) service for high availability	12399181	3/6/2009	7996532	8/9/2011	Novell, Inc.
374.	Level of service descriptors	12402782	3/12/2009			Novell, Inc.
375.	Techniques and architectures for	12403684	3/13/2009			Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	preventing sybil attacks					
376.	Adaptive display caching	12404423	3/16/2009	8219759	7/10/2012	Novell, Inc.
377.	Unified file access across multiple protocols	12405362	3/17/2009	8620955	12/31/2013	Novell, Inc.
378.	Uninterrupted usage and access of physically unreachable managed handheld device	12407047	3/19/2009	8107942	1/31/2012	Novell, Inc.
379.	Selective durability in a directory database	12407075	3/19/2009	8180733	5/15/2012	Novell, Inc.
380.	User-authorized information card delegation	12411222	3/25/2009			Novell, Inc.
381.	Techniques for scheduling and guaranteeing print jobs	12413708	3/30/2009	8760683	6/24/2014	Novell, Inc.
382.	Techniques for packet processing with removal of ip layer routing dependencies	12414915	3/31/2009	8726007	5/13/2014	Novell, Inc.
383.	Intellectual property discovery and mapping systems and methods	12415975	3/31/2009			Novell, Inc.
384.	Parallelizing multiple boot images with virtual machines	12416389	4/1/2009	8380972	2/19/2013	Novell, Inc.
385.	Optimally managing computing images for deployment	12417206	4/2/2009	8434090	4/30/2013	Novell, Inc.
386.	Synchronizing machines in groups	12418738	4/6/2009	8156173	4/10/2012	Novell, Inc.
387.	Network-based application control	12421213	4/9/2009	8375429	2/12/2013	Novell, Inc.
388.	Securely hosting workloads in virtual computing environments	12428572	4/23/2009	8448219	5/21/2013	Novell, Inc.
389.	Application personas	12428688	4/23/2009			Novell, Inc.
390.	Content-based write reduction	12432024	4/29/2009			Novell, Inc.
391.	Techniques for establishing a file system that exposes a virtual file system for backup operations	12463489	5/11/2009	8285682	10/9/2012	Novell, Inc.
392.	Techniques for competitive education	12467418	5/18/2009			Novell, Inc.
393.	Enforcing secure internet connections for a mobile endpoint computing device	12467553	5/18/2009	8387131	2/26/2013	Novell, Inc.
394.	Dynamic collaborative techniques	12472537	5/27/2009	8812961	8/19/2014	Novell, Inc.
395.	Techniques for managing virtual machine (vm) states	12473436	5/28/2009	8219990	7/10/2012	Novell, Inc.
396.	Key management to protect encrypted data of an endpoint computing device	12473480	5/28/2009	8588422	11/19/2013	Novell, Inc.
397.	Fencing management in clusters	12475720	6/1/2009	8145938	3/27/2012	Novell, Inc.
398.	System and method for managing a virtual appliance lifecycle	12476144	6/1/2009	8868608	10/21/2014	Novell, Inc.
399.	System and method for efficiently building virtual appliances in a hosted environment	12476196	6/1/2009	8176094	5/8/2012	Novell, Inc.
400.	System and method for inspecting a virtual appliance runtime environment	12476210	6/1/2009	8209288	6/26/2012	Novell, Inc.
401.	System and method for implementing a cluster token registry for business continuity	12477364	6/3/2009			Novell, Inc.

LA\3839583.3

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
402.	Method and system of using social networks and communities to ensure data quality of configuration items in a configuration management database	12488381	6/19/2009			Novell, Inc.
403.	Method and system of using structured social networks and communities to create and maintain relationships between configuration items in a configuration management database	12488391	6/19/2009			Novell, Inc.
404.	Copying workload files to a virtual disk	12489772	6/23/2009	8196154	6/5/2012	Novell, Inc.
405.	System and method for implementing a dead man dependency technique for cluster resources	12495059	6/30/2009	7925761	4/12/2011	Novell, Inc.
406.	Contextual phone number validation	12499642	7/8/2009	8600028	12/3/2013	Novell, Inc.
407.	Managing services for workloads in virtual computing environments	12505579	7/20/2009			Novell, Inc.
408.	Intelligent data placement and management in virtual computing environments	12507960	7/23/2009	8683484	3/25/2014	Novell, Inc.
409.	Pattern-based operating systems	12508717	7/24/2009	8769529	7/1/2014	Novell, Inc.
410.	File transfer bandwidth conservation	12510786	7/28/2009			Novell, Inc.
411.	System and method for implementing a reliable persistent random access compressed data stream	12511624	7/29/2009	8209303	6/26/2012	Novell, Inc.
412.	Techniques for environment single sign on	12534249	8/3/2009	8281381	10/2/2012	Novell, Inc.
413.	Managing workloads in a virtual computing environment	12540650	8/13/2009			Novell, Inc.
414.	Techniques for scheduling meeting resources in calendar systems	12540984	8/13/2009			Novell, Inc.
415.	Techniques for personal security via mobile devices	12541006	8/13/2009	8693977	4/8/2014	Novell, Inc.
416.	System and method for implementing a proxy authentication server to provide authentication for resources not located behind the proxy authentication server	12541645	8/14/2009	8327434	12/4/2012	Novell, Inc.
417.	System and method for implementing an intelligent backup technique for cluster resources	12545199	8/21/2009	8209568	6/26/2012	Novell, Inc.
418.	Optimal sequential (de)compression of digital data	12568190	9/28/2009			Novell, Inc.
419.	Encryption/decryption of digital data using related, but independent keys	12575652	10/8/2009	8811611	8/19/2014	Novell, Inc.
420.	Fast approximation to optimal	12575767	10/8/2009			Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	compression of digital data					
421.	Controlled storage utilization	12576520	10/9/2009	8051141	11/1/2011	Novell, Inc.
422.	Techniques for using the network as a memory device	12603678	10/22/2009	8787391	7/22/2014	Novell, Inc.
423.	Workload management for heterogeneous hosts in a computing system environment	12604555	10/23/2009			Novell, Inc.
424.	Techniques for data encryption and decryption	12604585	10/23/2009	8284938	10/9/2012	Novell, Inc.
425.	Network address allocation	12604714	10/23/2009	8296403	10/23/2012	Novell, Inc.
426.	Policy configuration and simulation	12604738	10/23/2009	8285822	10/9/2012	Novell, Inc.
427.	Techniques for debugging	12604777	10/23/2009			Novell, Inc.
428.	Techniques for securing data access	12604805	10/23/2009			Novell, Inc.
429.	Single sign-on authentication	12604952	10/23/2009	8453224	5/28/2013	Novell, Inc.
430.	Dynamic status reporting	12604986	10/23/2009			Novell, Inc.
431.	Techniques for remote controlled physical transactions with dynamic key generation and authentication	12605023	10/23/2009	8332320	12/11/2012	Novell, Inc.
432.	Techniques for parallel business intelligence evaluation and management	12607103	10/28/2009			Novell, Inc.
433.	Techniques for conditional name resolution and configuration	12607149	10/28/2009			Novell, Inc.
434.	System and method for floating index navigation	12607660	10/28/2009	8499000	7/30/2013	Novell, Inc.
435.	Techniques for virtual representational state transfer (rest) interfaces	12608389	10/29/2009			Novell, Inc.
436.	Techniques for cloud control and management	12608427	10/29/2009			Novell, Inc.
437.	System and method for queuing to a cloud via a queuing proxy	12612807	11/5/2009	8065395	11/22/2011	Novell, Inc.
438.	System and method for unified cloud management	12612818	11/5/2009			Novell, Inc.
439.	System and method for reduced cloud ip address utilization	12612834	11/5/2009	8364842	1/29/2013	Novell, Inc.
440.	System and method for transparent cloud access	12612841	11/5/2009	8286232	10/9/2012	Novell, Inc.
441.	System and method for implementing a secure web application entitlement service	12612882	11/5/2009			Novell, Inc.
442.	System and method for implementing a cloud workflow	12612895	11/5/2009			Novell, Inc.
443.	System and method for implementing cloud mitigation and operations controllers	12612903	11/5/2009			Novell, Inc.
444.	System and method for implementing a cloud computer	12612925	11/5/2009	8516293	8/20/2013	Novell, Inc.
445.	System and method for transparent access and management of user accessible cloud assets	12613077	11/5/2009	8429716	4/23/2013	Novell, Inc.
446.	System and method for providing key-encrypted storage in a cloud	12613098	11/5/2009			Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	computing environment					
447.	System and method for reducing cloud ip address utilization using a distributor registry	12613112	11/5/2009			Novell, Inc.
448.	Digital spectrum of file based on contents	12616306	11/11/2009			Novell, Inc.
449.	Anonymous shopping transactions on a network through information broker services	12618433	11/13/2009	8001014	8/16/2011	Novell, Inc.
450.	Monitoring spin locks in virtual machines in a computing system environment	12619140	11/16/2009	8347290	1/1/2013	Novell, Inc.
451.	Appliance maintenance in computing system environment	12624138	11/23/2009			Novell, Inc.
452.	Distributed lock administration	12632002	12/7/2009			Novell, Inc.
453.	Techniques for automatically integrating search features within an application	12634038	12/9/2009			Novell, Inc.
454.	Grouping and differentiating files based on content	12637807	12/15/2009			Novell, Inc.
455.	System and method for controlling cloud and virtualized data centers in an intelligent workload management system	12645114	12/22/2009			Novell, Inc.
456.	Grouping and differentiating files based on underlying grouped and differentiated files	12648542	12/29/2009	8566323	10/22/2013	Novell, Inc.
457.	Optimized partitions for grouping and differentiating files of data	12649584	12/30/2009			Novell, Inc.
458.	Stopping functions for grouping and differentiating files based on content	12649688	12/30/2009			Novell, Inc.
459.	Grouping and differentiating volumes of files	12684313	1/8/2010	8676858	3/18/2014	Novell, Inc.
460.	Auto generated and inferred group chat presence	12690028	1/19/2010			Novell, Inc.
461.	Unified addressing, sending, and receiving collaboration service	12690038	1/19/2010			Novell, Inc.
462.	Unified editable inbox	12690056	1/19/2010			Novell, Inc.
463.	Collaboration swarming	12690066	1/19/2010	8280846	10/2/2012	Novell, Inc.
464.	Intelligent co-browsing and co-editing	12690071	1/19/2010			Novell, Inc.
465.	Presence-enabled inbox	12690075	1/19/2010			Novell, Inc.
466.	Techniques for distributed cache management	12696689	1/29/2010			Novell, Inc.
467.	Techniques for generically accessing data	12696849	1/29/2010	8447768	5/21/2013	Novell, Inc.
468.	Extending functionality of legacy services in computing system environment	12700989	2/5/2010	8756597	6/17/2017	Novell, Inc.
469.	Techniques for dynamic disk personalization	12706813	2/17/2010	8140735	3/20/2012	Novell, Inc.
470.	System and method for providing virtual desktop extensions on a client desktop	12711833	2/24/2010	8468455	6/18/2013	Novell, Inc.
471.	Techniques for managing a secure	12714451	2/27/2010	8799640	8/5/2014	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	communication session					
472.	Techniques for secure access management in virtual environments	12714452	2/27/2010			Novell, Inc.
473.	System and method of searching for classifying user activity performed on a computer system	12717693	3/4/2010	7908371	3/15/2011	Novell, Inc.
474.	Harvesting relevancy data, including dynamic relevancy agent based on underlying grouped and differentiated files	12720897	3/10/2010			Novell, Inc.
475.	Routing protocol apparatus, systems, and methods	12724635	3/16/2010	8165143	4/24/2012	Novell, Inc.
476.	System and method for intelligent workload management	12725241	3/16/2010	8745205	6/3/2014	Novell, Inc.
477.	System and method for recording collaborative information technology processes in an intelligent workload management system	12725263	3/16/2010	8543916	9/24/2013	Novell, Inc.
478.	Identity and policy enforced inter-cloud and intra-cloud channel	12727048	3/18/2010	8806566	8/12/2014	Novell, Inc.
479.	System and method for managing information technology models in an intelligent workload management system	12727837	3/19/2010			Novell, Inc.
480.	Techniques for sharing virtual machine (vm) resources	12728115	3/19/2010	8831993	9/9/2014	Novell, Inc.
481.	Block based vss technology in workload migration and disaster recovery in computing system environment	12728351	3/22/2010			Novell, Inc.
482.	Secure virtual machine memory	12749881	3/30/2010	8627112	1/7/2014	Novell, Inc.
483.	System and method of imaging a memory module while in functional operation	12756433	4/8/2010	8028134	9/27/2011	Novell, Inc.
484.	System and method for providing scorecards to visualize services in an intelligent workload management system	12757674	4/9/2010			Novell, Inc.
485.	Relevancy filter for new data based on underlying files	12759414	4/13/2010	8832103	9/9/2014	Novell, Inc.
486.	System and method for policy-based registration of client devices	12759429	4/13/2010	8180894	5/15/2012	Novell, Inc.
487.	System and method for discovery enrichment in an intelligent workload management system	12762015	4/16/2010	8695075	4/8/2014	Novell, Inc.
488.	System and method for upgrading kernels in cloud computing environments	12769357	4/28/2010	8505003	8/6/2013	Novell, Inc.
489.	Key distribution	12770888	4/30/2010	8098828	1/17/2012	Novell, Inc.
490.	Key distribution	12770928	4/30/2010	8731200	5/20/2014	Novell, Inc.
491.	Key distribution	12771109	4/30/2010	8538026	9/17/2013	Novell, Inc.
492.	Techniques for dynamic cloud-based edge service computing	12780328	5/14/2010			Novell, Inc.

LA\3839583.3

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
493.	Collaborative decision making	12782230	5/18/2010			Novell, Inc.
494.	Workstation virus lockdown in a distributed environment	12783400	5/19/2010	8010687	8/30/2011	Novell, Inc.
495.	Techniques for evaluating and managing cloud networks	12783615	5/20/2010	8639791	1/28/2014	Novell, Inc.
496.	Multiple access authentication	12786540	5/25/2010			Novell, Inc.
497.	Dynamic service access	12787727	5/26/2010	8474009	6/25/2013	Novell, Inc.
498.	Techniques for managing service definitions in an intelligent workload management system	12789799	5/28/2010			Novell, Inc.
499.	Techniques for validating services for deployment in an intelligent workload management system	12789828	5/28/2010			Novell, Inc.
500.	Techniques for intelligent service deployment	12790335	5/28/2010	8806014	8/12/2014	Novell, Inc.
501.	Coordinated peer-to-peer (p2p) replicated backup and versioning	12793926	6/4/2010	7996547	8/9/2011	Novell, Inc.
502.	System and method for cross-authoritative configuration management	12826464	6/29/2010			Novell, Inc.
503.	System and method for determining effective policy profiles in a client-server architecture	12826519	6/29/2010	8544059	9/24/2013	Novell, Inc.
504.	Autonomous intelligent workload management	12851372	8/5/2010	8812653	8/19/2014	Novell, Inc.
505.	System and method for structuring self-provisioning workloads deployed in virtualized data centers	12862266	8/24/2010	8327373	12/4/2012	Novell, Inc.
506.	System and method for modeling interdependencies in a network datacenter	12868426	8/25/2010	8769084	7/1/2014	Novell, Inc.
507.	System and method for detecting real-time security threats in a network datacenter	12868475	8/25/2010			Novell, Inc.
508.	System and method for managing changes in a network datacenter	12868507	8/25/2010	8745188	6/3/2014	Novell, Inc.
509.	Techniques for identity and policy based routing	12869506	8/26/2010	8468268	6/18/2013	Novell, Inc.
510.	Techniques for content services	12870456	8/27/2010			Novell, Inc.
511.	Remote authorization for operations	12871163	8/30/2010	8327417	12/4/2012	Novell, Inc.
512.	Techniques for evaluating and managing cloud networks via political and natural events	12872293	8/31/2010	8554885	10/8/2013	Novell, Inc.
513.	Techniques for copying on write	12877186	9/8/2010			Novell, Inc.
514.	System and method for providing load balancer visibility in an intelligent workload management system	12878180	9/9/2010			Novell, Inc.
515.	Data access management	12888017	9/22/2010			Novell, Inc.
516.	Federation credential reset	12895047	9/30/2010			Novell, Inc.
517.	System and method for providing annotated service blueprints in an intelligent workload management	12900866	10/8/2010	8448170	5/21/2013	Novell, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
	system					
518.	Method for coordinating relationships between multiple physical entities	12907922	10/19/2010	8452823	5/28/2013	Novell, Inc.
519.	Methods and systems for file replication utilizing differences between versions of files	12951561	11/22/2010	8306954	5/28/2013	Novell, Inc.
520.	Semantic controls on data storage and access	13006755	1/14/2011	8782734	7/15/2014	Novell, Inc.
521.	System and method for implementing a virtual automated teller machine	13014040	1/26/2011	8141776	3/27/2012	Novell, Inc.
522.	Performing a business transaction without disclosing sensitive identity information to a relying party	13036996	2/28/2011	8364600	1/29/2013	Novell, Inc.
523.	Computer-implemented method and system for security event transport using a message bus	13037870	3/1/2011			Novell, Inc.
524.	Generating and merging keys for grouping and differentiating volumes of files	13051376	3/18/2011			Novell, Inc.
525.	Automated risk assessment and management	13053503	3/22/2011			Novell, Inc.
526.	Communication with non-repudiation and blind signatures	13082092	4/7/2011	8806214	8/12/2014	Novell, Inc.
527.	Techniques for identity-enabled interface deployment	13182090	7/13/2011			Novell, Inc.
528.	Mechanisms to persist hierarchical object relations	13182887	7/14/2011	8631032	1/14/2014	Novell, Inc.
529.	Techniques for providing services and establishing processing environments	13278443	10/21/2011			Novell, Inc.
530.	Representing extensible markup language (xml) as an executable having conditional authentication or policy logic	13278899	10/21/2011	8799770	8/5/2014	Novell, Inc.
531.	Information card overlay	13308406	11/30/2011			Novell, Inc.

PATENT
REEL: 034446 FRAME: 0371

SCHEDULE B
PATENT COLLATERAL
Reel/Frame: 028701/0698

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1.	Techniques for resource operation based on usage, sharing, and recommendations with modular authentication	13458369	4/27/2012			Novell, Inc.
2.	Techniques for workload discovery and organization	13485287	5/31/2012			Novell, Inc.
3.	Techniques for secure message offloading	13485567	5/31/2012			Novell, Inc.

SCHEDULE C
PATENT COLLATERAL
Reel/Frame: 029530/0668

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1.	Techniques for mapping and managing resources	13598300	8/29/2012			Novell, Inc.
2.	Federated timeout	13599718	8/30/2012			Novell, Inc.
3.	Techniques for protecting mobile applications	61670516	7/11/2012			Novell, Inc.

SCHEDULE D
PATENT COLLATERAL
Reel/Frame: 029919/0575

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1.	Techniques for device independent session migration	13663736	10/30/2012			Novell, Inc.
2.	Techniques for desktop migration	13718073	12/18/2012			Novell, Inc.
3.	Techniques for secure debugging and monitoring	13728224	12/27/2012			Novell, Inc.

SCHEDULE E
PATENT COLLATERAL
Reel/Frame: 030323/0401

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1.	Remote keychain for mobile devices	13755943	1/31/2013			Novell, Inc.
2.	Coating methods	13781385	2/28/2013			Novell, Inc.
3.	Analytic injection	13803365	3/14/2013			Novell, Inc.
4.	Device and method for treating vascular dissections	13832738	3/15/2013			Novell, Inc.

PATENT
REEL: 034446 FRAME: 0372

SCHEDULE F
PATENT COLLATERAL
Reel/Frame: 030985/0319

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1.	Techniques for secure data extraction in a virtual or cloud environment	13906761	5/31/2013			Novell, Inc.

LA\3839583.3