PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4545189

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLEVERSAFE, INC.	11/06/2015

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15673978

CORRESPONDENCE DATA

Fax Number: (888)711-8305

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.

Email: ktaylor@texaspatents.com
Correspondent Name: GARLICK & MARKISON
Address Line 1: 106 E. 6TH STREET, SUITE 900
Address Line 4: AUSTIN, TEXAS 78701

ATTORNEY DOCKET NUMBER:	END920165768US16
NAME OF SUBMITTER:	KIMBERLY BROWN
SIGNATURE:	/Kimberly Brown/
DATE SIGNED:	08/10/2017

Total Attachments: 38
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Agreement between Cleversafe, Inc. (hereinafter "ASSIGNOR") a Delaware corporation and International Business Machines Corporation, a New York Corporation (hereinafter "IBM").

WHEREAS, pursuant to an acquisition completed as of November 6, 2015 (the "Closing Date"), by and among IBM and ASSIGNOR, ASSIGNOR has become a wholly owned Subsidiary of IBM;

WHEREAS, ASSIGNOR now desires to assign title and ownership of the Assigned Patents to IBM, subject to ASSIGNOR's retention of beneficial financial interest, in accordance with the terms and conditions herein; and

WHEREAS, IBM desires to obtain such title and ownership of the Assigned Patents in accordance with the terms and conditions herein.

NOW, THEREFORE, in consideration of the premises and the terms, covenants and conditions herein contained, the parties hereby agree as follows:

Section 1.   **Definitions**
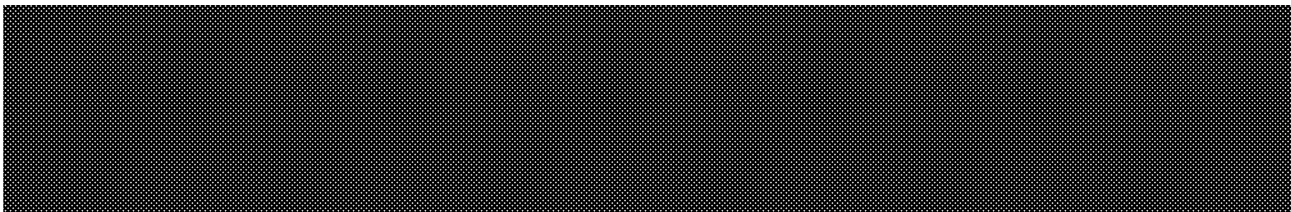
"Agreement Date" shall mean the date on which this Agreement is signed by the second of IBM and ASSIGNOR to so sign, as shown on the signature page.

"Assigned Patents" shall mean the patents and patent applications listed in Exhibit A, including all foreign counterparts, continuations, divisionals, reissues, and/or reexams that may issue therefrom.

"Effective Date" shall mean the Agreement Date.

"IBM Intercompany Agreement" shall mean a written agreement between IBM and any of its Subsidiaries, or between any of IBM's Subsidiaries, that provide Intercompany Rights under the Assigned Patents.
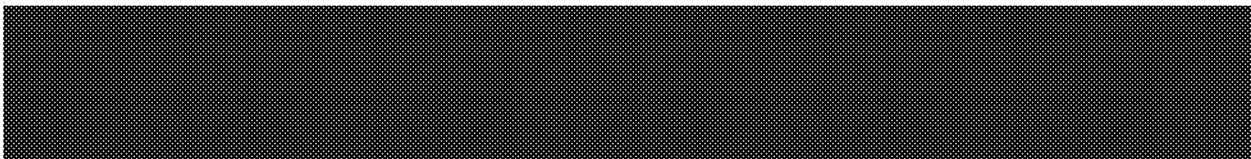
"Subsidiary" of a party hereto or of a third party shall mean a corporation, company or other entity:

(a) more than fifty percent (50%) of whose outstanding shares or securities (representing the right to vote for the election of directors or other managing authority) are, now or hereafter, owned or controlled, directly or indirectly, by a party hereto or such third party, but such corporation, company or other entity shall be deemed to be a Subsidiary only so long as such ownership or control exists; or

(b) which does not have outstanding shares or securities, as may be the case in a partnership, joint venture or unincorporated association, but more than fifty percent (50%) of whose ownership interest representing the right to make the decisions for such corporation, company or other entity is, now or hereafter, owned or controlled, directly or indirectly, by a party hereto or such third party, but such corporation, company or other entity shall be deemed to be a Subsidiary only so long as such ownership or control exists.

Section 2. <u>**Assignment and License**</u>

2.1 Subject to all rights granted to others prior to the Effective Date, ███████████████ ████████ ASSIGNOR hereby sells, transfers and assigns to IBM all right, title and interest in and to the Assigned Patents, including: the right to sue for injunctive relief and damages for infringement of any of the Assigned Patents accruing prior to, on, and after the Effective Date.

Section 5.   **Consideration and Agreement Date**

5.1   This Agreement will not be binding upon the parties until it has been signed herein below by or on behalf of each party, in which event it shall be effective as of the Effective Date.

5.2   Consideration shall be made in accordance with the terms of the relevant IBM Intercompany Agreement pertaining to the Assigned Patents assigned hereunder.

Section 6.   **Miscellaneous**

6.1   Neither party shall assign any of its rights (other than the right to receive payments) or delegate any of its obligations under this Agreement. Any attempt to do so shall be void.

6.2   The validity, construction, and performance of this Agreement will be governed by the substantive law of the State of New York and the patent and trademark laws of the United States, as if this Agreement was executed in, and fully performed within the State of New York.

6.3   The headings of the Sections hereof are for convenience of reference only and shall not modify, define or limit any of the terms or provisions hereof.

6.6   Subject to IBM Intercompany Agreements, the provisions of this Agreement constitute the entire agreement between the parties and supersede all prior agreements, oral or written, and all other communications relating to the subject matter hereof.

6.7   No amendment or modification of this Agreement shall be effective unless it is set forth in a writing that refers to the provisions so amended or modified and is executed by authorized representatives of both parties. No waiver of any provision of this Agreement shall be effective unless it is set forth in a writing that refers to the provisions so waived and the instrument in which such provision is contained and is executed by an authorized representative of the party waiving its rights. No failure or delay by either party in exercising any right, power or remedy will operate as a waiver of any such right, power or remedy.

6.8   This Agreement and any amendments hereto may be signed in one or more counterparts, each of which, when signed and delivered, shall be deemed to be an original. All such counterparts together shall constitute one and the same valid and binding agreement, even if all of the parties have not signed the same counterpart. Signatures to this Agreement may be delivered by facsimile, in which case the facsimile copy of an original signature shall be deemed to be an original signature.

The parties hereto have executed this Agreement by their respective duly constituted officers in their respective corporate names.

Agreed to:
Cleversafe, Inc.

By: _Michael P Healy_

Name: Michael P Healy

Title: Vice President, Cleversafe IE.

Date: April 5th, 2016

Agreed to:
INTERNATIONAL BUSINESS MACHINES CORPORATION

By: _____

Name: Karen Milhone

Title: Director

Date: April 12, 2016

Application Number	Patent Number	Application Title	Filed Date
11/973,613	8,285,878	Block Based Access To A Dispersed Data Storage Network	10/9/2007
11/973,622	8171101	SMART ACCESS TO A DISPERSED DATA STORAGE NETWORK	10/9/2007
12/684,085	8171102	SMART ACCESS TO A DISPERSED DATA STORAGE NETWORK	1/7/2010
11/973,621	7904475	Virtualized Data Storage Vaults on a Dispersed Data Storage Network	10/9/2007
12/633,779	7,953,771	Virtualized Data Storage Vaults on a Dispersed Data Storage Network	12/8/2009
13/094,375	8,190,662	Virtualized Data Storage Vaults on a Dispersed Data Storage Network	4/26/2011
13/106,577	9092439	Virtualized Data Storage Vaults on a Dispersed Data Storage Network	5/12/2011
12/648,497	8185614	Systems, Methods and Apparatus for Identifying Accessible Dispersed Digital Storage Vaults Utilizing a Centralized Registry	12/29/2009
12/817,140	8,200,788	SLICE SERVER METHOD AND APPARATUS OF DISPERSED DIGITAL STORAGE VAULTS	6/16/2010
11/241,555	7953937	Systems, Methods, And Apparatus For Subdividing Data For Storage In A Dispersed Data Storage Grid	9/30/2005
11/403,684	7574570	Billing System for Information Dispersal System	4/13/2006
12/499,489	8140777	BILLING SYSTEM FOR INFORMATION DISPERSAL SYSTEM	7/8/2009
11/404,071	7574579	Metadata Management System for an Information Dispersed Storage System	4/13/2006
12/499,013	8019960	METADATA MANAGEMENT SYSTEM FOR AN INFORMATION DISPERSED STORAGE SYSTEM	7/7/2009
11/403,391	7546427	System for Rebuilding Dispersed Data	4/13/2006
12/431,166	7818518	System for Rebuilding Dispersed Data	4/28/2009
12/575,577	8244991	Systems, Methods, And Apparatus For Subdividing Data For Storage In A Dispersed Data Storage Grid	10/8/2009
13/488,650	8468311	System, Methods, And Apparatus For Subdividing Data For Storage In A Dispersed Data Storage Grid	6/5/2012
12/080,042	8880799	Rebuilding data on a dispersed storage network	3/31/2008
12/648,691	8352782	Range Based Rebuilder For Use With A Dispersed Data Storage Network	12/29/2009
12/716,106	8560882	Method and Apparatus for Rebuilding Data in a Dispersed Data Storage Network	3/2/2010
13/558,008	8464096	METHOD AND APPARATUS FOR REBUILDING DATA IN A DISPERSED DATA STORAGE NETWORK	7/25/2012
13/914,228	8868969	METHOD AND APPARATUS FOR REBUILDING DATA IN A DISPERSED DATA STORAGE NETWORK	6/10/2013
13/914,232	8713358	METHOD AND APPARATUS FOR REBUILDING DATA IN A DISPERSED DATA STORAGE NETWORK	6/10/2013

12/218,200	8,209,363	File system adapted for use with a dispersed data storage network	7/14/2008
12/648,669	8478865	Systems, Methods, And Apparatus For Matching A Connection Request With A Network Interface Adapted For Use With A Dispersed Data Storage Network	12/29/2009
12/649,099	8965956	Integrated Client For Use With A Dispersed Data Storage Network	12/29/2009
12/648,528	8533256	Object Interface To A Dispersed Data Storage Network	12/29/2009
14/021,037	8892698	OBJECT INTERFACE TO A DISPERSED DATA STORAGE NETWORK	9/9/2013
12/947,941	8886711	FILE SYSTEM ADAPTED FOR USE WITH A DISPERSED DATA STORAGE NETWORK	11/17/2010
12/218,594	7,962,641	Streaming Media Software Interface To A Dispersed Data Storage Network	7/16/2008
13/107,040	8694668	Streaming Media Software Interface To A Dispersed Data Storage Network	5/13/2011
12/426,623	9092294	Systems, Apparatus, And Methods For Utilizing A Reachability Set To Manage A Network Upgrade	4/20/2009
12/551,117	8744071	DISPERSED DATA STORAGE SYSTEM DATA ENCRYPTION AND ENCODING	8/31/2009
12/547,753	8656187	Dispersed Storage Secure Data Decoding	8/26/2009
12/426,807	8819781	Management of Network Devices within a Dispersed Data Storage Network	4/20/2009
12/764,275	8560798	DISPERSED STORAGE NETWORK VIRTUAL ADDRESS SPACE	4/21/2010
14/026,202	8972692	DISPERSED STORAGE NETWORK VIRTUAL ADDRESS SPACE	9/13/2013
13/154,708	8782227	IDENTIFYING AND CORRECTING AN UNDESIRED CONDITION OF A DISPERSED STORAGE NETWORK ACCESS REQUEST	6/7/2011
14/331,526	9300477	IDENTIFYING AND CORRECTING AN UNDESIRED CONDITION OF A DISPERSED STORAGE NETWORK ACCESS REQUEST	7/15/2014
12/767,364	8555109	METHOD AND APPARATUS FOR DISTRIBUTED STORAGE INTEGRITY PROCESSING	4/26/2010
14/047,661	8819482	METHOD AND APPARATUS FOR DISTRIBUTED STORAGE INTEGRITY PROCESSING	10/7/2013
13/021,510	9047218	DISPERSED STORAGE NETWORK SLICE NAME VERIFICATION	2/4/2011
14/726,699	9311186	DISPERSED STORAGE NETWORK SLICE NAME VERIFICATION	6/1/2015
13/887,560	8769379	IDENTIFYING A STORAGE ERROR OF A DATA SLICE	5/6/2013
14/319,372	9043689	IDENTIFYING A STORAGE ERROR OF A DATA SLICE	6/30/2014
12/767,390	8706980	METHOD AND APPARATUS FOR SLICE PARTIAL REBUILDING IN A DISPERSED STORAGE NETWORK	4/26/2010
12/776,098	9167277	DISPERSED STORAGE NETWORK DATA MANIPULATION	5/7/2010
12/797,025	8595435	DISPERSED STORAGE WRITE PROCESS	6/9/2010
13/863,475	9092140	DISPERSED STORAGE WRITE PROCESS	4/16/2013
12/759,948	8468609	AUTHENTICATING USE OF A DISPERSED STORAGE NETWORK	4/14/2010
13/917,922	8813204	AUTHENTICATING USE OF A DISPERSED STORAGE NETWORK	6/14/2013

14/335,912	9270298	SELECTING STORAGE UNITS TO REBUILD AN ENCODED DATA SLICE	7/20/2014
12/764,873	8275744	DISPERSED STORAGE NETWORK VIRTUAL ADDRESS FIELDS	4/21/2010
12/764,930	8275966	DISPERSED STORAGE NETWORK VIRTUAL ADDRESS GENERATIONS	4/21/2010
13/594,199	8886905	DISPERSED STORAGE NETWORK VIRTUAL ADDRESS GENERATIONS	8/24/2012
12/767,404	8473677	METHOD AND APPARATUS FOR STORAGE INTEGRITY PROCESSING BASED ON ERROR TYPES IN A DISPERSED STORAGE NETWORK	4/26/2010
13/916,138	8819516	METHOD AND APPARATUS FOR STORAGE INTEGRITY PROCESSING BASED ON ERROR TYPES IN A DISPERSED STORAGE NETWORK	6/12/2013
14/303,956	9207870	ALLOCATING STORAGE UNITS IN A DISPERSED STORAGE NETWORK	6/13/2014
12/817,171	8589637	CONCURRENT SET STORAGE IN DISTRIBUTED STORAGE NETWORK	6/16/2010
14/288,453	9063658	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	5/28/2014
14/291,205	9098376	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	5/30/2014
14/792,846	9304759	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	7/7/2015
12/818,137	8468137	DISTRIBUTED STORAGE NETWORK THAT PROCESSES DATA IN EITHER FIXED OR VARIABLE SIZES	6/17/2010
12/779,640	9244768	DISPERSED STORAGE NETWORK FILE SYSTEM DIRECTORY	5/13/2010
14/304,054	9208025	VIRTUAL MEMORY MAPPING IN A DISPERSED STORAGE NETWORK	6/13/2014
12/839,220	8630987	SYSTEM AND METHOD FOR ACCESSING A DATA OBJECT STORED IN A DISTRIBUTED STORAGE NETWORK	7/19/2010
12/839,209	8819011	COMMAND LINE INTERPRETER FOR ACCESSING A DATA OBJECT STORED IN A DISTRIBUTED STORAGE NETWORK	7/19/2010
12/839,181	8769035	DISTRIBUTED STORAGE NETWORK FOR STORING A DATA OBJECT BASED ON STORAGE REQUIREMENTS	7/19/2010
12/779,658	8281182	DISPERSED STORAGE UNIT SELECTION	5/13/2010
13/593,997	8516299	DISPERSED STORAGE UNIT SELECTION	8/24/2012
14/292,132	9203812	DISPERSED STORAGE NETWORK WITH ENCRYPTED PORTION WITHHOLDING AND METHODS FOR USE THEREWITH	5/30/2014
13/529,052	8862800	DISTRIBUTED STORAGE NETWORK INCLUDING MEMORY DIVERSITY	6/21/2012
12/762,352	8504847	Securing Data in a Dispersed Storage Network Using Shared Secret Slices	4/18/2010
13/742,577	9104691	Securing Data in a Dispersed Storage Network Using An Encoding Equation	1/16/2013
12/778,647	8281181	METHOD AND APPARATUS FOR SELECTIVELY ACTIVE DISPERSED STORAGE MEMORY DEVICE UTILIZATION	5/12/2010
12/778,663	8381025	METHOD AND APPARATUS FOR DISPERSED STORAGE MEMORY DEVICE SELECTION	5/12/2010
13/524,346	8448020	METHOD AND APPARATUS FOR DISPERSED STORAGE MEMORY DEVICE SELECTION	6/15/2012

12/777,864	8918534	WRITING DATA SLICES TO READY AND NON-READY DISTRIBUTED STORAGE UNITS IN A DISTRIBUTED STORAGE NETWORK	5/11/2010
12/814,467	8351600	DISTRIBUTED STORAGE NETWORK AND METHOD FOR ENCRYPTING AND DECRYPTING DATA USING HASH FUNCTIONS	6/13/2010
13/736,848	9009491	DISTRIBUTED STORAGE NETWORK AND METHOD FOR ENCRYPTING AND DECRYPTING DATA USING HASH FUNCTIONS	1/8/2013
12/779,675	8370600	DISPERSED STORAGE UNIT AND METHOD FOR CONFIGURATION THEREOF	5/13/2010
13/730,223	9043574	DISPERSED STORAGE UNIT AND METHOD FOR CONFIGURATION THEREOF	12/28/2012
12/779,709	8566552	DISPERSED STORAGE NETWORK RESOURCE ALLOCATION	5/13/2010
14/032,776	8812812	DISPERSED STORAGE NETWORK RESOURCE ALLOCATION	9/20/2013
12/862,871	8621268	WRITE THRESHOLD UTILIZATION IN A DISPERSED STORAGE SYSTEM	8/25/2010
14/292,772	9088407	DISTRIBUTED STORAGE NETWORK AND METHOD FOR STORING AND RETRIEVING ENCRYPTION KEYS	5/30/2014
12/838,407	9015431	DISTRIBUTED STORAGE REVISION ROLLBACKS	7/16/2010
12/777,887	8554994	DISTRIBUTED STORAGE NETWORK UTILIZING MEMORY STRIPES	5/11/2010
12/862,878	8688907	LARGE SCALE SUBSCRIPTION BASED DISPERSED STORAGE NETWORK	8/25/2010
14/230,253	9268641	LARGE SCALE SUBSCRIPTION BASED DISPERSED STORAGE NETWORK	3/31/2014
12/942,692	8522113	SELECTING STORAGE FACILITIES AND DISPERSAL PARAMETERS IN A DISPERSED STORAGE NETWORK	11/9/2010
12/712,773	8949695	METHOD AND APPARATUS FOR NESTED DISPERSED STORAGE	2/25/2010
12/778,680	8478937	METHOD AND APPARATUS FOR DISPERSED STORAGE MEMORY DEVICE UTILIZATION	5/12/2010
12/712,842	9047217	NESTED DISTRIBUTED STORAGE UNIT AND APPLICATIONS THEREOF	2/25/2010
14/290,549	9195408	HIGHLY AUTONOMOUS DISPERSED STORAGE SYSTEM RETRIEVAL METHOD	5/29/2014
14/287,340	8977931	Method and apparatus for nested dispersed storage	5/27/2014
14/612,059	9189336	Method and apparatus for nested dispersed storage	2/2/2015
12/886,368	8990585	TIME BASED DISPERSED STORAGE ACCESS	9/20/2010
14/294,131	9311185	DISPERSED STORAGE UNIT SOLICITATION METHOD AND APPARATUS	6/2/2014
14/302,772	9262288	AUTONOMOUS DISPERSED STORAGE SYSTEM RETRIEVAL METHOD	6/12/2014
12/797,208	8402344	METHOD AND APPARATUS FOR CONTROLLING DISPERSED STORAGE OF STREAMING DATA	6/9/2010
12/797,339	8438456	METHOD AND APPARATUS FOR DISPERSED STORAGE OF STREAMING DATA	6/9/2010
13/870,194	8595596	METHOD AND APPARATUS FOR DISPERSED STORAGE OF STREAMING DATA	4/25/2013
12/789,459	8924387	SOCIAL NETWORKING UTILIZING A DISPERSED STORAGE NETWORK	5/28/2010

14/540,305	9313293	SOCIAL NETWORKING UTILIZING A DISPERSED STORAGE NETWORK	11/13/2014
12/850,609	8464133	MEDIA CONTENT DISTRIBUTION IN A SOCIAL NETWORK UTILIZING DISPERSED STORAGE	8/4/2010
12/983,209	8938013	DISPERSAL OF PRIORITY DATA IN A DISPERSED STORAGE NETWORK	12/31/2010
12/789,461	8357048	INTERACTIVE GAMING UTILIZING A DISPERSED STORAGE NETWORK	5/28/2010
13/711,295	8882599	INTERACTIVE GAMING UTILIZING A DISPERSED STORAGE NETWORK	12/11/2012
12/850,610	9043489	ROUTER-BASED DISPERSED STORAGE NETWORK METHOD AND APPARATUS	8/4/2010
12/755,181	8533424	COMPUTING SYSTEM UTILIZING DISPERSED STORAGE	4/6/2010
14/021,098	8977801	COMPUTING SYSTEM UTILIZING DISPERSED STORAGE	9/9/2013
12/755,200	8352719	COMPUTING DEVICE BOOTING UTILIZING DISPERSED STORAGE	4/6/2010
13/645,703	8578147	Computing device booting utilizing dispersed storage	10/5/2012
12/755,225	8448016	COMPUTING CORE APPLICATION ACCESS UTILIZING DISPERSED STORAGE	4/6/2010
13/753,432	8612796	Computing Core Application Access Utilizing Dispersed Storage	1/29/2013
13/753,444	8621265	Computing Core Application Access Utilizing Dispersed Storage	1/29/2013
14/143,524	8972774	COMPUTING CORE APPLICATION ACCESS UTILIZING DISPERSED STORAGE	12/30/2013
14/302,377	9081675	ENCODING DATA IN A DISPERSED STORAGE NETWORK	6/11/2014
14/302,390	9098409	DETECTING A COMPUTING SYSTEM BASIC INPUT/OUTPUT SYSTEM ISSUE	6/11/2014
12/755,232	8527838	MEMORY CONTROLLER UTILIZING AN ERROR CODING DISPERSAL FUNCTION	4/6/2010
14/302,397	9086964	UPDATING USER DEVICE CONTENT DATA USING A DISPERSED STORAGE NETWORK	6/11/2014
12/839,197	8479078	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	7/19/2010
13/932,320	8631303	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	7/1/2013
14/132,020	8914707	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	12/18/2013
12/817,201	8522022	DISTRIBUTED STORAGE NETWORK EMPLOYING MULTIPLE ENCODING LAYERS IN DATA ROUTING	6/17/2010
12/779,721	8560794	DISPERSED STORAGE NETWORK FOR MANAGING DATA DELETION	5/13/2010
14/025,215	8972684	DISPERSED STORAGE NETWORK FOR MANAGING DATA DELETION	9/12/2013
12/845,590	8527807	LOCALIZED DISPERSED STORAGE MEMORY SYSTEM	7/28/2010
13/779,452	8726071	Localized Dispersed Storage Memory System	2/27/2013
12/862,887	8918897	DISPERSED STORAGE NETWORK DATA SLICE INTEGRITY VERIFICATION	8/25/2010
12/749,583	9235350	DISPERSED STORAGE UNIT AND METHODS WITH METADATA SEPARATION FOR USE IN A DISPERSED STORAGE SYSTEM	3/30/2010

12/749,592	8938591	DISPERSED STORAGE PROCESSING UNIT AND METHODS WITH DATA AGGREGATION FOR USE IN A DISPERSED STORAGE SYSTEM	3/30/2010
14/292,344	9276912	DISPERSED STORAGE NETWORK WITH SLICE REFRESH AND METHODS FOR USE THEREWITH	5/30/2014
12/760,066	8601259	Securing Data in a Dispersed Storage Network Using Security Sentinel Value	4/14/2010
12/759,701	8560855	VERIFICATION OF DISPERSED STORAGE NETWORK ACCESS CONTROL INFORMATION	4/14/2010
14/051,588	9086994	VERIFICATION OF DISPERSED STORAGE NETWORK ACCESS CONTROL INFORMATION	10/11/2013
12/817,165	9076138	METHOD AND APPARATUS FOR OBFUSCATING SLICE NAMES IN A DISPERSED STORAGE SYSTEM	6/16/2010
12/759,703	8782086	UPDATING DISPERSED STORAGE NETWORK ACCESS CONTROL INFORMATION	4/14/2010
12/797,228	8548913	METHOD AND APPARATUS TO SECURE AN ELECTRONIC COMMERCE TRANSACTION	6/9/2010
12/797,165	8689354	METHOD AND APPARATUS FOR ACCESSING SECURE DATA IN A DISPERSED STORAGE SYSTEM	6/9/2010
12/777,904	8473677	DISTRIBUTED STORAGE NETWORK MEMORY ACCESS BASED ON MEMORY STATE	5/11/2010
13/925,270	9274890	DISTRIBUTED STORAGE NETWORK MEMORY ACCESS BASED ON MEMORY STATE	6/24/2013
12/814,470	8307263	METHOD AND APPARATUS FOR DISPERSED STORAGE OF STREAMING MULTI-MEDIA DATA	6/13/2010
12/838,080	8732206	DISTRIBUTED STORAGE TIMESTAMPED REVISIONS	7/16/2010
13/866,224	9152514	REBUILDING A DATA SEGMENT IN A DISPERSED STORAGE NETWORK	4/19/2013
12/842,942	8433978	DATA DISTRIBUTION UTILIZING UNIQUE READ PARAMETERS IN A DISPERSED STORAGE SYSTEM	7/23/2010
13/870,138	8667371	DATA DISTRIBUTION UTILIZING UNIQUE READ PARAMETERS IN A DISPERSED STORAGE SYSTEM	4/25/2013
14/194,961	9049463	DATA DISTRIBUTION UTILIZING UNIQUE READ PARAMETERS IN A DISPERSED STORAGE SYSTEM	3/3/2014
13/919,746	9215476	MEDIA DISTRIBUTION TO A PLURALITY OF DEVICES UTILIZING BUFFERED DISPERSED STORAGE	6/17/2013
12/842,949	8291277	DATA DISTRIBUTION UTILIZING UNIQUE WRITE PARAMETERS IN A DISPERSED STORAGE SYSTEM	7/23/2010
13/540,289	8527828	DATA DISTRIBUTION UTILIZING UNIQUE WRITE PARAMETERS IN A DISPERSED STORAGE SYSTEM	7/2/2012
12/842,932	8522074	INTENTIONALLY INTRODUCED STORAGE DEVIATIONS IN A DISPERSED STORAGE NETWORK	7/23/2010
12/850,611	8572282	ROUTER ASSISTED DISPERSED STORAGE NETWORK METHOD AND APPARATUS	8/4/2010
14/062,974	8966009	ROUTER ASSISTED DISPERSED STORAGE NETWORK METHOD AND APPARATUS	10/25/2013
12/886,389	9027080	PROXY ACCESS TO A DISPERSED STORAGE NETWORK	9/20/2010
14/453,176	9229824	CACHING REBUILT ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	8/6/2014

12/903,205	8856552	DIRECTORY SYNCHRONIZATION OF A DISPERSED STORAGE NETWORK	10/13/2010
12/903,781	8352831	DIGITAL CONTENT DISTRIBUTED STORAGE	10/13/2010
13/736,856	8612827	DIGITAL CONTENT DISTRIBUTION UTILIZING DISPERSED STORAGE	1/8/2013
14/334,051	9305597	ACCESSING STORED MULTI-MEDIA CONTENT BASED ON A SUBSCRIPTION PRIORITY LEVEL	7/17/2014
12/885,244	8458233	DATA DE-DUPLICATION IN A DISPERSED STORAGE NETWORK UTILIZING DATA CHARACTERIZATION	9/17/2010
13/908,516	8762346	DATA DE-DUPLICATION IN A DISPERSED STORAGE NETWORK UTILIZING DATA CHARACTERIZATION	6/3/2013
12/885,124	8819452	EFFICIENT STORAGE OF ENCRYPTED DATA IN A DISPERSED STORAGE NETWORK	9/17/2010
12/885,160	8468368	DATA ENCRYPTION PARAMETER DISPERSAL	9/17/2010
14/316,336	9021273	EFFICIENT STORAGE OF ENCRYPTED DATA IN A DISPERSED STORAGE NETWORK	6/26/2014
14/680,298	9208331	EFFICIENT STORAGE OF ENCRYPTED DATA IN A DISPERSED STORAGE NETWORK	4/7/2015
14/336,189	9043616	EFFICIENT STORAGE OF ENCRYPTED DATA IN A DISPERSED STORAGE NETWORK	7/21/2014
12/942,990	8352501	DISPERSED STORAGE NETWORK UTILIZING REVISION SNAPSHOTS	11/9/2010
12/903,209	9152489	REVISION SYNCHRONIZATION OF A DISPERSED STORAGE NETWORK	10/13/2010
12/942,992	8918674	DIRECTORY FILE SYSTEM IN A DISPERSED STORAGE NETWORK	11/9/2010
12/954,025	8572429	OPTIMISTIC DATA WRITING IN A DISPERSED STORAGE NETWORK	11/24/2010
14/062,478	8826067	OPTIMISTIC DATA WRITING IN A DISPERSED STORAGE NETWORK	10/24/2013
12/954,137	8549351	PESSIMISTIC DATA READING IN A DISPERSED STORAGE NETWORK	11/24/2010
14/042,844	8880940	PESSIMISTIC DATA READING IN A DISPERSED STORAGE NETWORK	10/1/2013
12/954,232	8819179	DATA REVISION SYNCHRONIZATION IN A DISPERSED STORAGE NETWORK	11/24/2010
13/097,305	9026758	MEMORY DEVICE UTILIZATION IN A DISPERSED STORAGE NETWORK	4/29/2011
14/446,703	9201732	SELECTIVE ACTIVATION OF MEMORY TO RETRIEVE DATA IN A DISPERSED STORAGE NETWORK	7/30/2014
12/943,826	8954667	DATA MIGRATION IN A DISPERSED STORAGE NETWORK	11/10/2010
12/902,684	8762343	DISPERSED STORAGE OF SOFTWARE	10/12/2010
14/449,549	9043548	Streaming Content Storage	8/1/2014
12/983,226	9311184	STORING RAID DATA AS ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	12/31/2010
12/983,232	8725940	DISTRIBUTEDLY STORING RAID DATA IN A RAID MEMORY AND A DISPERSED STORAGE NETWORK MEMORY	12/31/2010
14/275,814	9122628	DISTRIBUTEDLY STORING RAID DATA IN A RAID MEMORY AND A DISPERSED STORAGE NETWORK MEMORY	5/12/2014
14/458,686	9116832	STORING RAID DATA AS ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	8/13/2014

14/458,721	9158624	STORING RAID DATA AS ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	8/13/2014
14/454,852	9135115	STORING DATA IN MULTIPLE FORMATS INCLUDING A DISPERSED STORAGE FORMAT	8/8/2014
12/983,214	8495466	ADJUSTING DATA DISPERSAL IN A DISPERSED STORAGE NETWORK	12/31/2010
13/946,136	8627178	ADJUSTING DATA DISPERSAL IN A DISPERSED STORAGE NETWORK	7/19/2013
14/148,652	9110819	ADJUSTING DATA DISPERSAL IN A DISPERSED STORAGE NETWORK	1/6/2014
12/954,875	8885821	SEQUENCING ENCODED DATA SLICES	11/28/2010
12/954,880	8959366	DE-SEQUENCING ENCODED DATA SLICES	11/28/2010
12/954,884	8649521	OBFUSCATION OF SEQUENCED ENCODED DATA SLICES	11/28/2010
13/021,589	8683119	ACCESS CONTROL IN A DISPERSED STORAGE NETWORK	2/4/2011
14/223,219	9092148	ACCESS CONTROL IN A DISPERSED STORAGE NETWORK	3/24/2014
13/021,657	8707091	FAILSAFE DIRECTORY FILE SYSTEM IN A DISPERSED STORAGE NETWORK	2/4/2011
14/257,341	9116626	FAILSAFE DIRECTORY FILE SYSTEM IN A DISPERSED STORAGE NETWORK	4/21/2014
12/983,235	8850113	DATA MIGRATION BETWEEN A RAID MEMORY AND A DISPERSED STORAGE NETWORK MEMORY	12/31/2010
13/587,802	8782491	Detecting Intentional Corruption of Data in a Dispersed Storage Network	8/16/2012
14/330,194	9087016	DETECTING INTENTIONAL CORRUPTION OF DATA IN A DISPERSED STORAGE NETWORK	7/14/2014
12/983,221	8527705	TEMPORARILY CACHING AN ENCODED DATA SLICE	12/31/2010
13/154,735	8621269	IDENTIFYING A SLICE NAME INFORMATION ERROR IN A DISPERSED STORAGE NETWORK	6/7/2011
14/143,471	9137022	IDENTIFYING A SLICE NAME INFORMATION ERROR IN A DISPERSED STORAGE NETWORK	12/30/2013
14/453,241	9170884	UTILIZING CACHED ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	8/6/2014
13/180,669	8938552	RESOLVING A PROTOCOL ISSUE WITHIN A DISPERSED STORAGE NETWORK	7/12/2011
13/180,673	9077734	AUTHENTICATION OF DEVICES OF A DISPERSED STORAGE NETWORK	7/12/2011
13/080,490	8654789	INTERMEDIATE WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
14/182,528	9244879	INTERMEDIATE WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	2/18/2014
13/073,948	8625635	DISPERSED STORAGE NETWORK FRAME PROTOCOL HEADER	3/28/2011
13/080,286	8625637	CONCLUSIVE WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
13/080,446	8649399	CHECK OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
13/080,431	9047242	READ OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
13/080,234	8681787	WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
14/223,020	9256571	WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	3/24/2014
13/080,200	8625636	CHECKED WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011

13/080,312	8761167	LIST RANGE OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
14/312,163	9235549	LIST RANGE OPERATION DISPERSED STORAGE NETWORK FRAME	6/23/2014
13/080,177	8681790	LIST DIGEST OPERATION DISPERSED STORAGE NETWORK FRAME	4/5/2011
13/920,708	9092386	INDICATING AN ERROR WITHIN A DISPERSED STORAGE NETWORK	6/18/2013
13/021,664	8578205	REQUESTING CLOUD DATA STORAGE	2/4/2011
14/048,659	8886992	REQUESTING CLOUD DATA STORAGE	10/8/2013
13/180,675	8627114	AUTHENTICATING A DATA ACCESS REQUEST TO A DISPERSED STORAGE NETWORK	7/12/2011
14/148,198	9143499	AUTHENTICATING A DATA ACCESS REQUEST TO A DISPERSED STORAGE NETWORK	1/6/2014
13/154,740	9231768	UTILIZING A DETERMINISTIC ALL OR NOTHING TRANSFORMATION IN A DISPERSED STORAGE NETWORK	6/7/2011
13/291,009	8914669	SECURE REBUILDING OF AN ENCODED DATA SLICE IN A DISPERSED STORAGE NETWORK	11/7/2011
13/097,338	8874868	MEMORY UTILIZATION BALANCING IN A DISPERSED STORAGE NETWORK	4/29/2011
13/180,677	8966194	PROCESSING A WRITE REQUEST IN A DISPERSED STORAGE NETWORK	7/12/2011
13/021,537	8566354	STORAGE AND RETRIEVAL OF REQUIRED SLICES IN A DISPERSED STORAGE NETWORK	2/4/2011
13/021,552	9063881	SLICE RETRIEVAL IN ACCORDANCE WITH AN ACCESS SEQUENCE IN A DISPERSED STORAGE NETWORK	2/4/2011
13/105,074	8898513	Storing Data In Multiple Dispersed Storage Networks	5/11/2011
13/105,094	8521697	Rebuilding Data in Multiple Dispersed Storage Networks	5/11/2011
13/105,103	8683259	Accessing Data in Multiple Dispersed Storage Networks	5/11/2011
13/154,744	8892598	COORDINATED RETRIEVAL OF DATA FROM A DISPERSED STORAGE NETWORK	6/7/2011
13/105,118	8707088	Reconfiguring Data Storage in Multiple Dispersed Storage Networks	5/11/2011
13/105,127	8626871	Accessing a Global Vault in Multiple Dispersed Storage Networks	5/11/2011
13/105,135	8959597	Entity Registration in Multiple Dispersed Storage Networks	5/11/2011
13/105,136	8683205	Accessing Data Utilizing Entity Registration in Multiple Dispersed Storage Networks	5/11/2011
13/097,357	8448044	RETRIEVING DATA FROM A DISPERSED STORAGE NETWORK IN ACCORDANCE WITH A RETRIEVAL THRESHOLD	4/29/2011
13/897,567	8627177	RETRIEVING DATA FROM A DISPERSED STORAGE NETWORK IN ACCORDANCE WITH A RETRIEVAL THRESHOLD	5/20/2013
13/920,766	9009575	REBUILDING A DATA REVISION IN A DISPERSED STORAGE NETWORK	6/18/2013
13/097,396	8861727	STORAGE OF SENSITIVE DATA IN A DISPERSED STORAGE NETWORK	4/29/2011
13/413,232	8627091	GENERATING A SECURE SIGNATURE UTILIZING A PLURALITY OF KEY SHARES	3/6/2012
13/943,520	9063968	IDENTIFYING A COMPROMISED ENCODED DATA SLICE	7/16/2013

13/231,332	9116831	CORRECTING AN ERRANT ENCODED DATA SLICE	9/13/2011
13/154,167	8612831	ACCESSING DATA STORED IN A DISPERSED STORAGE MEMORY	6/6/2011
13/154,181	8555142	VERIFYING INTEGRITY OF DATA STORED IN A DISPERSED STORAGE MEMORY	6/6/2011
13/180,680	8842746	RECEIVING ENCODED DATA SLICES VIA WIRELESS COMMUNICATION	7/12/2011
13/251,566	9112535	DATA TRANSMISSION UTILIZING PARTITIONING AND DISPERSED STORAGE ERROR ENCODING	10/3/2011
13/270,654	9274977	STORING DATA INTEGRITY INFORMATION UTILIZING DISPERSED STORAGE	10/11/2011
13/937,400	9098441	STORING DATA INTEGRITY INFORMATION UTILIZING DISPERSED STORAGE	7/9/2013
13/251,587	8612821	DATA TRANSMISSION UTILIZING ROUTE SELECTION AND DISPERSED STORAGE ERROR ENCODING	10/3/2011
14/107,204	8839068	DATA TRANSMISSION UTILIZING ROUTE SELECTION AND DISPERSED STORAGE ERROR ENCODING	12/16/2013
13/251,603	9037937	RELAYING DATA TRANSMITTED AS ENCODED DATA SLICES	10/3/2011
13/251,618	8918693	DATA TRANSMISSION UTILIZING DATA PROCESSING AND DISPERSED STORAGE ERROR ENCODING	10/3/2011
13/959,688	9015499	VERIFYING DATA INTEGRITY UTILIZING DISPERSED STORAGE	8/5/2013
13/231,375	8656138	EFFICIENTLY ACCESSING AN ENCODED DATA SLICE UTILIZING A MEMORY BIN	9/13/2011
14/182,755	9141307	EFFICIENTLY ACCESSING AN ENCODED DATA SLICE IN A MEMORY CONTAINER UTILIZING A MEMORY BIN	2/18/2014
13/197,998	8621580	RETRIEVING ACCESS INFORMATION IN A DISPERSED STORAGE NETWORK	8/4/2011
14/143,583	9094402	RETRIEVING ACCESS INFORMATION IN A DISPERSED STORAGE NETWORK	12/30/2013
13/587,224	9092385	FACILITATING ACCESS OF A DISPERSED STORAGE NETWORK	8/16/2012
13/204,039	8621271	REPROVISIONING A MEMORY DEVICE INTO A DISPERSED STORAGE NETWORK MEMORY	8/5/2011
13/252,410	8707105	UPDATING A SET OF MEMORY DEVICES IN A DISPERSED STORAGE NETWORK	10/4/2011
14/257,398	9122596	UPDATING A SET OF MEMORY DEVICES IN A DISPERSED STORAGE NETWORK	4/21/2014
13/204,050	8762793	MIGRATING ENCODED DATA SLICES FROM A RE-PROVISIONED MEMORY DEVICE OF A DISPERSED STORAGE NETWORK MEMORY	8/5/2011
13/204,057	8904226	MIGRATING STORED COPIES OF A FILE TO STORED ENCODED DATA SLICES	8/5/2011
13/413,261	8874990	PRE-FETCHING DATA SEGMENTS STORED IN A DISPERSED STORAGE NETWORK	3/6/2012
14/524,037	9137303	PRE-FETCHING DATA SEGMENTS STORED IN A DISPERSED STORAGE NETWORK	10/27/2014
13/413,302	8874991	APPENDING DATA TO EXISTING DATA STORED IN A DISPERSED STORAGE NETWORK	3/6/2012

13/288,076	8627065	VALIDATING A CERTIFICATE CHAIN IN A DISPERSED STORAGE NETWORK	11/3/2011
14/030,354	9065820	VALIDATING A CERTIFICATE CHAIN IN A DISPERSED STORAGE NETWORK	9/18/2013
13/449,950	9219604	GENERATING AN ENCRYPTED MESSAGE FOR STORAGE	4/18/2012
13/413,320	8949688	UPDATING ERROR RECOVERY INFORMATION IN A DISPERSED STORAGE NETWORK	3/6/2012
13/588,259	8776186	OBTAINING A SIGNED CERTIFICATE FOR A DISPERSED STORAGE NETWORK	8/17/2012
14/325,604	9104541	OBTAINING A SIGNED CERTIFICATE FOR A DISPERSED STORAGE NETWORK	7/8/2014
13/308,724	8832493	STORING DIRECTORY METADATA IN A DISPERSED STORAGE NETWORK	12/1/2011
14/479,905	9037904	STORING DIRECTORY METADATA IN A DISPERSED STORAGE NETWORK	9/8/2014
13/308,777	9170882	RETRIEVING DATA SEGMENTS FROM A DISPERSED STORAGE NETWORK	12/1/2011
13/308,889	8892845	SEGMENTING DATA FOR STORAGE IN A DISPERSED STORAGE NETWORK	12/1/2011
13/309,353	8897443	WATERMARKING SLICES STORED IN A DISPERSED STORAGE NETWORK	12/1/2011
13/309,432	8683231	OBFUSCATING DATA STORED IN A DISPERSED STORAGE NETWORK	12/1/2011
13/309,469	9319463	REPRODUCING DATA FROM OBFUSCATED DATA RETRIEVED FROM A DISPERSED STORAGE NETWORK	12/1/2011
13/347,140	9081714	UTILIZING A DISPERSED STORAGE NETWORK ACCESS TOKEN MODULE TO STORE DATA IN A DISPERSED STORAGE NETWORK MEMORY	1/10/2012
13/347,204	9081715	UTILIZING A DISPERSED STORAGE NETWORK ACCESS TOKEN MODULE TO RETRIEVE DATA FROM A DISPERSED STORAGE NETWORK MEMORY	1/10/2012
13/347,266	8726127	UTILIZING A DISPERSED STORAGE NETWORK ACCESS TOKEN MODULE TO ACCESS A DISPERSED STORAGE NETWORK MEMORY	1/10/2012
14/276,006	8966341	UTILIZING A DISPERSED STORAGE NETWORK ACCESS TOKEN MODULE TO ACCESS A DISPERSED STORAGE NETWORK MEMORY	5/13/2014
13/372,611	8868695	CONFIGURING A GENERIC COMPUTING DEVICE UTILIZING SPECIFIC COMPUTING DEVICE OPERATION INFORMATION	2/14/2012
13/372,650	8910022	RETRIEVAL OF ENCODED DATA SLICES AND ENCODED INSTRUCTION SLICES BY A COMPUTING DEVICE	2/14/2012
13/343,353	8694752	TRANSFERRING DATA IN RESPONSE TO DETECTION OF A MEMORY SYSTEM IMBALANCE	1/4/2012
13/343,405	8688949	MODIFYING DATA STORAGE IN RESPONSE TO DETECTION OF A MEMORY SYSTEM IMBALANCE	1/4/2012
14/230,446	8914609	MODIFYING DATA STORAGE IN RESPONSE TO DETECTION OF A MEMORY SYSTEM IMBALANCE	3/31/2014
13/343,449	8909858	STORING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	1/4/2012
13/372,677	9183073	MAINTAINING DATA CONCURRENCY WITH A DISPERSED STORAGE NETWORK	2/14/2012

13/413,436	8843803	UTILIZING LOCAL MEMORY AND DISPERSED STORAGE MEMORY TO ACCESS ENCODED DATA SLICES	3/6/2012
14/480,945	9110834	UTILIZING LOCAL MEMORY AND DISPERSED STORAGE MEMORY TO ACCESS ENCODED DATA SLICES	9/9/2014
13/413,452	8843804	ADJUSTING A DISPERSAL PARAMETER OF DISPERSEDLY STORED DATA	3/6/2012
14/481,245	9135114	ADJUSTING A DISPERSAL PARAMETER OF DISPERSEDLY STORED DATA	9/9/2014
13/413,469	8880978	UTILIZING A LOCAL AREA NETWORK MEMORY AND A DISPERSED STORAGE NETWORK MEMORY TO ACCESS DATA	3/6/2012
14/505,835	9208026	UTILIZING A LOCAL AREA NETWORK MEMORY AND A DISPERSED STORAGE NETWORK MEMORY TO ACCESS DATA	10/3/2014
13/450,034	9292682	ACCESSING A SECOND WEB PAGE FROM A DISPERSED STORAGE NETWORK MEMORY BASED ON A FIRST WEB PAGE SELECTION	4/18/2012
13/450,055	8707393	PROVIDING DISPERSED STORAGE NETWORK LOCATION INFORMATION OF A HYPERTEXT MARKUP LANGUAGE FILE	4/18/2012
13/464,048	8656253	STORING PORTIONS OF DATA IN A DISPERSED STORAGE NETWORK	5/4/2012
14/182,482	8965939	STORING PORTIONS OF DATA IN A DISPERSED STORAGE NETWORK	2/18/2014
13/464,082	8782439	SECURING A DATA SEGMENT FOR STORAGE	5/4/2012
14/331,676	9110593	SECURING A DATA SEGMENT FOR STORAGE	7/15/2014
13/450,186	9141458	ADJUSTING A DATA STORAGE ADDRESS MAPPING IN A MAINTENANCE FREE STORAGE CONTAINER	4/18/2012
13/588,350	8782492	Updating data stored in a dispersed storage network	8/17/2012
14/331,596	9262247	UPDATING DATA STORED IN A DISPERSED STORAGE NETWORK	7/15/2014
13/288,116	8627066	PROCESSING A DISPERSED STORAGE NETWORK ACCESS REQUEST UTILIZING CERTIFICATE CHAIN VALIDATION INFORMATION	11/3/2011
13/588,391	9274864	ACCESSING LARGE AMOUNTS OF DATA IN A DISPERSED STORAGE NETWORK	8/17/2012
13/252,340	8555130	STORING ENCODED DATA SLICES IN A DISPERSED STORAGE UNIT	10/4/2011
14/046,089	8726120	STORING ENCODED DATA SLICES IN A DISPERSED STORAGE UNIT	10/4/2013
13/527,881	9244770	RESPONDING TO A MAINTENANCE FREE STORAGE CONTAINER SECURITY THREAT	6/20/2012
13/527,929	8924770	REBUILDING A DATA SLICE OF A MAINTENANCE FREE STORAGE CONTAINER	6/20/2012
13/450,198	8996910	ASSIGNING A DISPERSED STORAGE NETWORK ADDRESS RANGE IN A MAINTENANCE FREE STORAGE CONTAINER	4/18/2012
14/658,725	9298550	ASSIGNING A DISPERSED STORAGE NETWORK ADDRESS RANGE IN A MAINTENANCE FREE STORAGE CONTAINER	3/16/2015
13/450,212	8954787	ESTABLISHING TRUST IN A MAINTENANCE FREE STORAGE CONTAINER	4/18/2012
13/527,959	8966311	MAINTENANCE FREE STORAGE CONTAINER STORAGE MODULE ACCESS	6/20/2012

13/464,166	8762479	DISTRIBUTING MULTI-MEDIA CONTENT TO A PLURALITY OF POTENTIAL ACCESSING DEVICES	5/4/2012
14/312,823	9094428	DISTRIBUTING MULTI-MEDIA CONTENT TO A PLURALITY OF POTENTIAL ACCESSING DEVICES	6/24/2014
13/464,846	8756480	PRIORITIZED DELETING OF SLICES STORED IN A DISPERSED STORAGE NETWORK	5/4/2012
14/305,880	8984371	PRIORITIZED DELETING OF SLICES STORED IN A DISPERSED STORAGE NETWORK	6/16/2014
13/527,778	8694545	STORING DATA AND METADATA IN A DISTRIBUTED STORAGE NETWORK	6/20/2012
14/246,253	9104719	STORING DATA AND METADATA IN A DISTRIBUTED STORAGE NETWORK	4/7/2014
13/527,819	8762770	Distribution of a customized preview of multi-media content	6/20/2012
13/587,277	9229823	Storage and retrieval of dispersed storage network access information	8/16/2012
13/547,941	9170868	IDENTIFYING AN ERROR CAUSE WITHIN A DISPERSED STORAGE NETWORK	7/12/2012
13/547,887	8914667	IDENTIFYING A SLICE ERROR IN A DISPERSED STORAGE NETWORK	7/12/2012
13/548,033	9135098	MODIFYING DISPERSED STORAGE NETWORK EVENT RECORDS	7/12/2012
13/611,622	9304843	Highly Secure Method for Accessing a Dispersed Storage Network	9/12/2012
13/565,562	8930649	CONCURRENT CODING OF DATA STREAMS	8/2/2012
13/565,607	8751894	Concurrent Decoding of Data Streams	8/2/2012
13/565,636	9213742	Time Aligned Transmission of Concurrently Coded Data Streams	8/2/2012
13/611,962	8677214	Encoding Data Utilizing a Zero Information Gain Function	9/12/2012
13/612,043	8782494	Reproducing Data Utilizing a Zero Information Gain Function	9/12/2012
13/612,116	8856617	Sending a Zero Information Gain Formatted Encoded Data Slice	9/12/2012
14/480,139	9128870	SENDING A ZERO INFORMATION GAIN FORMATTED ENCODED DATA SLICE	9/8/2014
13/611,803	8683286	Storing Data in a Dispersed Storage Network	9/12/2012
13/611,866	8607122	Accessing a Large Data Object in a Dispersed Storage Network	9/12/2012
14/100,368	9208009	ACCESSING A LARGE DATA OBJECT IN A DISPERSED STORAGE NETWORK	12/9/2013
13/647,533	8839368	Acquiring a Trusted Set of Encoded Data Slices	10/9/2012
14/480,882	9158625	ACQUIRING A TRUSTED SET OF ENCODED DATA SLICES	9/9/2014
13/683,964	9203625	Transferring Encoded Data Slices in a Distributed Storage Network	11/21/2012
13/686,827	8848906	Encrypting Data for Storage in a Dispersed Storage Network	11/27/2012
13/684,009	8856549	Deleting Encoded Data Slices in a Dispersed Storage Network	11/21/2012
13/707,471	9009564	Storing Data in a Distributed Storage Network	12/6/2012
14/492,602	9268639	STORING DATA IN A DISTRIBUTED STORAGE NETWORK	9/22/2014
13/707,490	9304857	Retrieving Data from a Distributed Storage Network	12/6/2012

13/718,897	8990664	IDENTIFYING A POTENTIALLY COMPROMISED ENCODED DATA SLICE	12/18/2012
14/615,966	9146810	IDENTIFYING A POTENTIALLY COMPROMISED ENCODED DATA SLICE	2/6/2015
13/707,502	8898542	Executing Partial Tasks in a Distributed Storage and Task Network	12/6/2012
13/707,428	9298548	Distributed Computing in a Distributed Storage and Task Network	12/6/2012
13/707,525	9304858	Analyzing Found Data in a Distributed Storage and Task Network	12/6/2012
13/707,542	9015556	Transforming Data in a Distributed Storage and Task Network	12/6/2012
14/635,178	9292385	Transforming Data in a Distributed Storage and Task Network	3/2/2015
13/707,118	9203901	EFFICIENTLY STORING DATA IN A DISPERSED STORAGE NETWORK	12/6/2012
13/707,153	9203902	SECURELY AND RELIABLY STORING DATA IN A DISPERSED STORAGE NETWORK	12/6/2012
13/753,404	9195684	Redundant Task Execution in a Distributed Storage and Task Network	1/29/2013
13/775,701	9171031	MERGING INDEX NODES OF A HIERARCHICAL DISPERSED STORAGE INDEX	2/25/2013
13/775,734	8930375	SPLITTING AN INDEX NODE OF A HIERARCHICAL DISPERSED STORAGE INDEX	2/25/2013
13/775,769	8935256	EXPANDING A HIERARCHICAL DISPERSED STORAGE INDEX	2/25/2013
13/865,679	9141468	MANAGING MEMORY UTILIZATION IN A DISTRIBUTED STORAGE AND TASK NETWORK	4/18/2013
13/866,631	9164841	RESOLUTION OF A STORAGE ERROR IN A DISPERSED STORAGE NETWORK	4/19/2013
13/890,438	9292212	DETECTING STORAGE ERRORS IN A DISPERSED STORAGE NETWORK	5/9/2013
13/919,673	9258177	STORING A DATA STREAM IN A SET OF STORAGE DEVICES	6/17/2013
13/889,557	9110833	NON-TEMPORARILY STORING TEMPORARILY STORED DATA IN A DISPERSED STORAGE NETWORK	5/8/2013
13/889,942	8935761	ACCESSING STORAGE NODES IN AN ON-LINE MEDIA STORAGE SYSTEM	5/8/2013
13/890,510	9141297	VERIFYING ENCODED DATA SLICE INTEGRITY IN A DISPERSED STORAGE NETWORK	5/9/2013
13/944,118	9021263	SECURE DATA ACCESS IN A DISPERSED STORAGE NETWORK	7/17/2013
13/916,980	9009567	ENCRYPTING DISTRIBUTED COMPUTING DATA	6/13/2013
13/944,277	9154298	SECURELY STORING DATA IN A DISPERSED STORAGE NETWORK	7/17/2013
13/944,342	9176822	ADJUSTING DISPERSED STORAGE ERROR ENCODING PARAMETERS	7/17/2013
14/027,538	9311179	THRESHOLD DECODING OF DATA BASED ON TRUST LEVELS	9/16/2013
14/027,694	9223723	VERIFYING DATA OF A DISPERSED STORAGE NETWORK	9/16/2013
14/027,823	9298542	RECOVERING DATA FROM CORRUPTED ENCODED DATA SLICES	9/16/2013
14/029,124	9277011	PROCESSING AN UNSUCCESSFUL WRITE REQUEST IN A DISPERSED STORAGE NETWORK	9/17/2013
14/088,794	9311187	ACHIEVING STORAGE COMPLIANCE IN A DISPERSED STORAGE NETWORK	11/25/2013

14/103,141	9043499	MODIFYING A DISPERSED STORAGE NETWORK MEMORY DATA ACCESS RESPONSE PLAN	12/11/2013
14/704,069	9223653	MODIFYING A DISPERSED STORAGE NETWORK MEMORY DATA ACCESS RESPONSE PLAN	5/5/2015
14/153,366	9274908	RESOLVING WRITE CONFLICTS IN A DISPERSED STORAGE NETWORK	1/13/2014
10/234,636	7636724	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	9/3/2002
12/623,234	7933876	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	11/20/2009
13/051,897	8805792	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	3/18/2011

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11/973,542	Ensuring Data Integrity On A Dispersed Storage Grid	10/9/2007
12/426,727	Efficient And Secure Data Storage Utilizing A Dispersed Data Storage System	4/20/2009
12/551,145	DISPERSED DATA STORAGE SYSTEM DATA DECODING AND DECRYPTION	8/31/2009
12/749,606	DISPERSED STORAGE PROCESSING UNIT AND METHODS WITH OPERATING SYSTEM DIVERSITY FOR USE IN A DISPERSED STORAGE SYSTEM	3/30/2010
12/749,625	DISPERSED STORAGE PROCESSING UNIT AND METHODS WITH GEOGRAPHICAL DIVERSITY FOR USE IN A DISPERSED STORAGE SYSTEM	3/30/2010
12/753,569	METHOD AND APPARATUS FOR IDENTIFYING DATA INCONSISTENCY IN A DISPERSED STORAGE NETWORK	4/2/2010
12/762,350	VERIFYING DATA SECURITY IN A DISPERSED STORAGE NETWORK	4/18/2010
12/775,299	DISTRIBUTED STORAGE PROCESSING MODULE	5/6/2010
12/777,850	DISTRIBUTED STORAGE NETWORK INCLUDING MEMORY DIVERSITY	5/11/2010
12/778,701	METHOD AND APPARATUS FOR DISPERSED STORAGE DATA TRANSFER	5/12/2010
12/814,474	DISPERSED STORAGE CAMERA DEVICE AND METHOD OF OPERATION	6/13/2010
12/816,126	DISTRIBUTED STORAGE NETWORK AND METHOD FOR COMMUNICATING DATA ACROSS A PLURALITY OF PARALLEL WIRELESS DATA STREAMS	6/15/2010
12/817,208	ENCODED DATA SLICE CACHING IN A DISTRIBUTED STORAGE NETWORK	6/17/2010
12/837,961	DISTRIBUTED STORAGE NETWORK DATA REVISION CONTROL	7/16/2010
12/842,842	MEDIA DISTRIBUTION TO A PLURALITY OF DEVICES UTILIZING BUFFERED DISPERSED STORAGE	7/23/2010
12/850,606	DISPERSED STORAGE UNIT SOLICITATION METHOD AND APPARATUS	8/4/2010
12/850,607	INDIRECT STORAGE OF DATA IN A DISPERSED STORAGE SYSTEM	8/4/2010

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12/903,212	DIGITAL CONTENT RETRIEVAL UTILIZING DISPERSED STORAGE	10/13/2010
12/942,721	SELECTING STORAGE FACILITIES IN A PLURALITY OF DISPERSED STORAGE NETWORKS	11/9/2010
12/950,755	BLOCK BASED ACCESS TO A DISPERSED DATA STORAGE NETWORK	11/19/2010
13/154,725	METADATA ACCESS IN A DISPERSED STORAGE NETWORK	6/7/2011
13/198,078	STORING ACCESS INFORMATION IN A DISPERSED STORAGE NETWORK	8/4/2011
13/204,061	MIGRATING AN ENCODED DATA SLICE BASED ON AN END-OF-LIFE MEMORY LEVEL OF A MEMORY DEVICE	8/5/2011
13/252,418	FILE RETRIEVAL DURING A LEGACY STORAGE SYSTEM TO DISPERSED STORAGE NETWORK MIGRATION	10/4/2011
13/270,528	COMPACTING DISPERSED STORAGE SPACE	10/11/2011
13/270,571	COMPACTING DISPERSED STORAGE SPACE	10/11/2011
13/289,200	BALANCING MEMORY UTILIZATION IN A DISPERSED STORAGE NETWORK	11/4/2011
13/291,030	PARTITIONING DATA FOR STORAGE IN A DISPERSED STORAGE NETWORK	11/7/2011
13/291,042	SELECTING A MEMORY FOR STORAGE OF AN ENCODED DATA SLICE IN A DISPERSED STORAGE NETWORK	11/7/2011
13/347,334	UTILIZING A DISPERSED STORAGE NETWORK ACCESS TOKEN MODULE TO ACQUIRE DIGITAL CONTENT FROM A DIGITAL CONTENT PROVIDER	1/10/2012
13/372,628	TRANSFERRING DATA UTILIZING A TRANSFER TOKEN MODULE	2/14/2012
13/372,689	DETERMINING A STALENESS STATE OF A DISPERSED STORAGE NETWORK LOCAL DIRECTORY	2/14/2012
13/372,715	SELECTING A DIRECTORY OF A DISPERSED STORAGE NETWORK	2/14/2012
13/372,748	SHARING AND UPDATING A GLOBAL DIRECTORY OF A DISPERSED STORAGE NETWORK	2/14/2012
13/450,000	RETRIEVING A HYPERTEXT MARKUP LANGUAGE FILE FROM A DISPERSED STORAGE NETWORK MEMORY	4/18/2012
13/463,991	SECURELY REBUILDING AN ENCODED DATA SLICE	5/4/2012
13/464,015	UPDATING DISTRIBUTED STORAGE NETWORK SOFTWARE	5/4/2012
13/464,272	ACQUIRING MULTI-MEDIA CONTENT	5/4/2012
13/527,785	COMPLETING DISTRIBUTION OF MULTI-MEDIA CONTENT TO AN ACCESSING DEVICE	6/20/2012
13/527,811	DISTRIBUTION OF MULTI-MEDIA CONTENT TO A USER DEVICE	6/20/2012
13/547,769	GENERATING DISPERSED STORAGE NETWORK EVENT RECORDS	7/12/2012

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13/588,286	PROCESSING A CERTIFICATE SIGNING REQUEST IN A DISPERSED STORAGE NETWORK	8/17/2012
13/611,533	Copying Data in a Dispersed Storage Network without Replication	9/12/2012
13/647,518	Wirelessly Sending a Set of Encoded Data Slices	10/9/2012
13/647,528	Wirelessly Communicating a Data File	10/9/2012
13/683,951	Prioritization of Messages of a Dispersed Storage Network	11/21/2012
13/683,998	Creating a New File for a Dispersed Storage Network	11/21/2012
13/706,991	TRANSFERRING A PARTIAL TASK IN A DISTRIBUTED COMPUTING SYSTEM	12/6/2012
13/718,961	RETRIEVING DATA UTILIZING A DISTRIBUTED INDEX	12/18/2012
13/718,985	SECURE DATA MIGRATION IN A DISPERSED STORAGE NETWORK	12/18/2012
13/753,418	Transferring Task Execution in a Distributed Storage and Task Network	1/29/2013
13/775,491	LISTING DATA OBJECTS USING A HIERARCHICAL DISPERSED STORAGE INDEX	2/25/2013
13/775,555	MODIFYING AN INDEX NODE OF A HIERARCHICAL DISPERSED STORAGE INDEX	2/25/2013
13/779,469	Method and Apparatus for Dispersed Storage Memory Device Utilization	2/27/2013
13/865,641	DISPERSED STORAGE NETWORK SECURE HIERARCHICAL FILE DIRECTORY	4/18/2013
13/865,659	AUTHORIZING DISTRIBUTED TASK PROCESSING IN A DISTRIBUTED STORAGE NETWORK	4/18/2013
13/866,457	REPRIORITIZING PENDING DISPERSED STORAGE NETWORK REQUESTS	4/19/2013
13/868,064	Retrieving Data in a Dispersed Storage Network	4/22/2013
13/868,311	Encrypting Data for Storage in a Dispersed Storage Network	4/23/2013
13/868,988	ESTABLISHING TRUST WITHIN A CLOUD COMPUTING SYSTEM	4/23/2013
13/869,655	UPDATING ACCESS CONTROL INFORMATION WITHIN A DISPERSED STORAGE UNIT	4/24/2013
13/874,088	REBUILDING AN ENCODED DATA SLICE WITHIN A DISPERSED STORAGE NETWORK	4/30/2013
13/874,560	REBUILDING SLICES OF A SET OF ENCODED DATA SLICES	5/1/2013
13/887,662	TEMPORARILY STORING AN ENCODED DATA SLICE	5/6/2013
13/888,324	SECURE STORAGE OF SECRET DATA IN A DISPERSED STORAGE NETWORK	5/6/2013
13/917,017	ENCRYPTING SEGMENTED DATA IN A DISTRIBUTED COMPUTING SYSTEM	6/13/2013
13/917,058	DISTRIBUTED STORAGE AND COMPUTING OF INTERIM DATA	6/13/2013
13/919,210	DATA ENCRYPTION PARAMETER DISPERSAL	6/17/2013
13/919,566	STORING A STREAM OF DATA IN A DISPERSED STORAGE NETWORK	6/17/2013

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13/920,635	RESOLVING A PERFORMANCE ISSUE WITHIN A DISPERSED STORAGE NETWORK	6/18/2013
13/921,095	METHOD AND SYSTEM FOR THE NORMALIZATION, FILTERING AND SECURING OF ASSOCIATED METADATA INFORMATION ON FILE OBJECTS DEPOSITED INTO AN OBJECT STORE	6/18/2013
13/943,352	RETRIEVING INDEXED DATA FROM A DISPERSED STORAGE NETWORK	7/16/2013
13/943,456	STORING INDEXED DATA TO A DISPERSED STORAGE NETWORK	7/16/2013
13/959,006	ALLOCATING DISTRIBUTED STORAGE AND TASK EXECUTION RESOURCES	8/5/2013
13/959,077	ROBUST TRANSMISSION OF DATA UTILIZING ENCODED DATA SLICES	8/5/2013
13/959,262	ROBUST RECEPTION OF DATA UTILIZING ENCODED DATA SLICES	8/5/2013
13/959,702	WRITING DATA AVOIDING WRITE CONFLICTS IN A DISPERSED STORAGE NETWORK	8/5/2013
13/959,727	UPDATING LOCAL DATA UTILIZING A DISTRIBUTED STORAGE NETWORK	8/5/2013
14/014,692	MEMORY CONTROLLER UTILIZING AN ERROR CODING DISPERSAL FUNCTION	8/30/2013
14/028,881	BALANCING STORAGE NODE UTILIZATION OF A DISPERSED STORAGE NETWORK	9/17/2013
14/029,006	ACCESS CONTROL OF DATA IN A DISPERSED STORAGE NETWORK	9/17/2013
14/029,347	TRANSFERRING DATA OF A DISPERSED STORAGE NETWORK	9/17/2013
14/035,433	MEMORY SELECTION FOR SLICE STORAGE IN A DISPERSED STORAGE NETWORK	9/24/2013
14/055,174	ACCESSING DISTRIBUTED COMPUTING FUNCTIONS IN A DISTRIBUTED COMPUTING SYSTEM	10/16/2013
14/056,015	UTILIZING DATA OBJECT STORAGE TRACKING IN A DISPERSED STORAGE NETWORK	10/17/2013
14/083,724	CONCURRENT SET STORAGE IN DISTRIBUTED STORAGE NETWORK	11/19/2013
14/088,897	MAPPING STORAGE OF DATA IN A DISPERSED STORAGE NETWORK	11/25/2013
14/102,987	UPDATING SHARED GROUP INFORMATION IN A DISPERSED STORAGE NETWORK	12/11/2013
14/107,157	ACCESSING DATA STORED IN A DISPERSED STORAGE MEMORY	12/16/2013
14/142,206	SYSTEM AND METHOD FOR ACCESSING A DATA OBJECT STORED IN A DISTRIBUTED STORAGE NETWORK	12/27/2013
14/147,982	GENERATING A SECURE SIGNATURE UTILIZING A PLURALITY OF KEY SHARES	1/6/2014

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14/148,118	PROCESSING A DISPERSED STORAGE NETWORK ACCESS REQUEST UTILIZING CERTIFICATE CHAIN VALIDATION INFORMATION	1/6/2014
14/148,286	DISPERSED STORAGE NETWORK FRAME PROTOCOL HEADER	1/6/2014
14/148,380	CONCLUSIVE WRITE OPERATION DISPERSED STORAGE NETWORK FRAME	1/6/2014
14/153,319	TEMPORARILY STORING DATA IN A DISPERSED STORAGE NETWORK	1/13/2014
14/172,140	EFFICIENT STORAGE OF DATA IN A DISPERSED STORAGE NETWORK	2/4/2014
14/172,218	POWER CONTROL IN A DISPERSED STORAGE NETWORK	2/4/2014
14/176,807	CHECK OPERATION DISPERSED STORAGE NETWORK FRAME	2/10/2014
14/182,393	ENCODED DATA SLICE CACHING IN A DISTRIBUTED STORAGE NETWORK	2/18/2014
14/192,098	METHOD AND APPARATUS FOR SLICE PARTIAL REBUILDING IN A DISPERSED STORAGE NETWORK	2/27/2014
14/215,335	PRIORITIZING REBUILDING OF STORED DATA IN A DISPERSED STORAGE NETWORK	3/17/2014
14/215,542	STORING RELATED DATA IN A DISPERSED STORAGE NETWORK	3/17/2014
14/217,662	ENCODING DATA UTILIZING A ZERO INFORMATION GAIN FUNCTION	3/18/2014
14/223,138	LIST DIGEST OPERATION DISPERSED STORAGE NETWORK FRAME	3/24/2014
14/223,406	STORING DATA IN A DISPERSED STORAGE NETWORK	3/24/2014
14/230,169	METHOD AND APPARATUS FOR ACCESSING SECURE DATA IN A DISPERSED STORAGE SYSTEM	3/31/2014
14/256,205	ADJUSTING DISPERSED STORAGE NETWORK TRAFFIC DUE TO REBUILDING	4/18/2014
14/256,472	SECURING DATA IN A DISPERSED STORAGE NETWORK	4/18/2014
14/256,536	STORING DATA IN ACCORDANCE WITH A PERFORMANCE THRESHOLD	4/18/2014
14/275,560	LOCALIZED DISPERSED STORAGE MEMORY SYSTEM	5/12/2014
14/287,401	DISTRIBUTED STORAGE NETWORK WITH ALTERNATIVE FOSTER STORAGE APPROACHES AND METHODS FOR USE THEREWITH	5/27/2014
14/287,464	DISTRIBUTED STORAGE NETWORK WITH REPLICATION CONTROL AND METHODS FOR USE THEREWITH	5/27/2014
14/287,499	DISTRIBUTED STORAGE NETWORK WITH COORDINATED PARTIAL TASK EXECUTION AND METHODS FOR USE THEREWITH	5/27/2014
14/287,534	DISTRIBUTED STORAGE NETWORK WITH CLIENT SUBSETS AND METHODS FOR USE THEREWITH	5/27/2014

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14/289,064	DISTRIBUTION OF UNIQUE COPIES OF BROADCAST DATA UTILIZING FAULT-TOLERANT RETRIEVAL FROM DISPERSED STORAGE	5/28/2014
14/289,738	HYBRID CENTRALIZED AND AUTONOMOUS DISPERSED STORAGE SYSTEM STORAGE METHOD	5/29/2014
14/290,389	MEDIA DISTRIBUTION TO A PLURALITY OF DEVICES UTILIZING BUFFERED DISPERSED STORAGE	5/29/2014
14/291,199	Dispersed storage network file system directory	5/30/2014
14/292,009	ACCOUNTING FOR DATA THAT NEEDS TO BE REBUILT OR DELETED	5/30/2014
14/292,070	DISPERSED STORAGE NETWORK WITH ACCESS CONTROL AND METHODS FOR USE THEREWITH	5/30/2014
14/292,206	Optimized Disk Load Distribution	5/30/2014
14/292,285	DISPERSED STORAGE NETWORK WITH SLICE REBUILDING AND METHODS FOR USE THEREWITH	5/30/2014
14/292,318	Obfuscating a Transaction in a Dispersed Storage System	5/30/2014
14/292,585	METHOD AND APPARATUS FOR SELECTING STORAGE UNITS TO STORE DISPERSED STORAGE DATA	5/30/2014
14/292,662	Co-locate objects request	5/30/2014
14/292,727	Distributed Storage Network and Method for Storing and Retrieving Encryption Keys	5/30/2014
14/302,582	REBUILDING DATA STORED IN A DISPERSED STORAGE NETWORK	6/12/2014
14/302,664	DETECTING DATA REQUIRING REBUILDING IN A DISPERSED STORAGE NETWORK	6/12/2014
14/302,974	STORING DATA AND DIRECTORY INFORMATION IN A DISTRIBUTED STORAGE NETWORK	6/12/2014
14/306,312	REBUILDING DATA WHILE READING DATA IN A DISPERSED STORAGE NETWORK	6/17/2014
14/306,335	STORING DATA IN A DISPERSED STORAGE NETWORK	6/17/2014
14/307,625	STORING DATA IN A DIRECTORY-LESS DISPERSED STORAGE NETWORK	6/18/2014
14/307,672	TIME-BASED STORAGE WITHIN A DISPERSED STORAGE NETWORK	6/18/2014
14/307,883	RECORD ADDRESSING INFORMATION RETRIEVAL BASED ON USER DATA DESCRIPTORS	6/18/2014
14/312,259	MIGRATING ENCODED DATA SLICES FROM A RE-PROVISIONED MEMORY DEVICE OF A DISPERSED STORAGE NETWORK MEMORY	6/23/2014
14/312,532	DATA DEDUPLICATION IN A DISPERSED STORAGE SYSTEM	6/23/2014
14/312,550	EFFICIENT MEMORY UTILIZATION IN A DISPERSED STORAGE SYSTEM	6/23/2014
14/315,716	DISPERSED STORAGE NETWORK WITH PARAMETER SEARCH AND METHODS FOR USE THEREWITH	6/26/2014
14/315,748	DISPERSED STORAGE NETWORK WITH DATA SEGMENT BACKUP AND METHODS FOR USE THEREWITH	6/26/2014

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14/315,775	DISPERSED STORAGE NETWORK WITH CUSTOMIZED SECURITY AND METHODS FOR USE THEREWITH	6/26/2014
14/315,842	DISPERSED STORAGE NETWORK WITH METADATA GENERATION AND METHODS FOR USE THEREWITH	6/26/2014
14/315,893	DISPERSED STORAGE BASED ON RANGE AVAILABILITY AND METHODS FOR USE THEREWITH	6/26/2014
14/315,925	DISPERSED STORAGE BASED ON ESTIMATED LIFE AND METHODS FOR USE THEREWITH	6/26/2014
14/315,981	DISPERSED STORAGE WITH VARIABLE SLICE LENGTH AND METHODS FOR USE THEREWITH	6/26/2014
14/316,061	DISPERSED STORAGE WITH COORDINATED EXECUTION AND METHODS FOR USE THEREWITH	6/26/2014
14/318,347	DIGITAL CONTENT RETRIEVAL UTILIZING DISPERSED STORAGE	6/27/2014
14/318,790	DISTRIBUTED STORAGE NETWORK FOR STORING A DATA OBJECT BASED ON STORAGE REQUIREMENTS	6/30/2014
14/319,159	Distributed Storage Time Synchronization Based On Retrieval Delay	6/30/2014
14/319,282	Distributed Storage Time Synchronization Based on Storage Delay	6/30/2014
14/319,849	SELECTING STORAGE FACILITIES IN A PLURALITY OF DISPERSED STORAGE NETWORKS	6/30/2014
14/320,518	STORING LOW RETENTION PRIORITY DATA IN A DISPERSED STORAGE NETWORK	6/30/2014
14/320,547	UPDATING DE-DUPLICATION TRACKING DATA FOR A DISPERSED STORAGE NETWORK	6/30/2014
14/321,629	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	7/1/2014
14/325,425	CACHE FOR FILE-BASED DISPERSED STORAGE	7/8/2014
14/325,433	SLICE MIGRATION IN A DISPERSED STORAGE NETWORK	7/8/2014
14/327,582	LIKELIHOOD BASED REBUILDING OF MISSING ENCODED DATA SLICES	7/10/2014
14/327,585	DETECTING A UTILIZATION IMBALANCE BETWEEN DISPERSED STORAGE NETWORK STORAGE UNITS	7/10/2014
14/327,615	STORING AN ENCODED DATA SLICE AS A SET OF SUB-SLICES	7/10/2014
14/328,311	DISPERSED DATA STORAGE IN A VPN GROUP OF DEVICES	7/10/2014
14/328,861	Defragmenting Slices in a Dispersed Storage Network Memory	7/11/2014
14/328,904	DISPERSED STORAGE USING LOCALIZED PEER-TO-PEER CAPABLE WIRELESS DEVICES IN A PEER-TO-PEER OR FEMTO CELL SUPPORTED CARRIER SERVED FASHION	7/11/2014
14/328,919	STORAGE POOLS FOR A DISPERSED STORAGE NETWORK	7/11/2014

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14/331,997	METHOD AND APPARATUS FOR DISTRIBUTED STORAGE INTEGRITY PROCESSING	7/15/2014
14/333,834	APPLYING DIGITAL RIGHTS MANAGEMENT TO MULTI-MEDIA FILE PLAYBACK	7/17/2014
14/333,968	ENCODING MULTI-MEDIA CONTENT FOR A CENTRALIZED DIGITAL VIDEO STORAGE SYSTEM	7/17/2014
14/335,915	MULTI-WRITER REVISION SYNCHRONIZATION IN A DISPERSED STORAGE NETWORK	7/20/2014
14/336,195	CHANGING DISPERSED STORAGE ERROR ENCODING PARAMETERS	7/21/2014
14/338,504	COMMAND LINE INTERPRETER FOR ACCESSING A DATA OBJECT STORED IN A DISTRIBUTED STORAGE NETWORK	7/23/2014
14/444,058	DISPERSED STORAGE HAVING A PLURALITY OF SNAPSHOT PATHS AND METHODS FOR USE THEREWITH	7/28/2014
14/444,134	DISPERSED STORAGE HAVING SNAPSHOT CLONES AND METHODS FOR USE THEREWITH	7/28/2014
14/444,183	DISPERSED STORAGE WITH PARTIAL DATA OBJECT STORAGE AND METHODS FOR USE THEREWITH	7/28/2014
14/445,334	COOPERATIVE STORAGE SYSTEM UTILIZING DISPERSED STORAGE	7/29/2014
14/447,890	DIGEST LISTING DECOMPOSITION	7/31/2014
14/447,909	DISTRIBUTED REBUILDING OF DATA IN A DISPERSED STORAGE NETWORK	7/31/2014
14/449,487	REVISION DELETION MARKERS	8/1/2014
14/450,804	SESSION EXECUTION DECISION	8/4/2014
14/450,943	MULTIPLE REVISION MAILBOX	8/4/2014
14/451,610	DISPERSED STORAGE SYSTEM WITH SUB-VAULTS AND METHODS FOR USE THEREWITH	8/5/2014
14/451,911	DISPERSED STORAGE SYSTEM WITH VAULT UPDATING AND METHODS FOR USE THEREWITH	8/5/2014
14/452,136	DISPERSED STORAGE SYSTEM WITH WIDTH DISPERSAL CONTROL AND METHODS FOR USE THEREWITH	8/5/2014
14/452,182	DISTRIBUTED STORAGE WITH AUXILIARY DATA INTERSPERSAL AND METHOD FOR USE THEREWITH	8/5/2014
14/452,475	ADJUSTING EXECUTION OF TASKS IN A DISPERSED STORAGE NETWORK	8/5/2014
14/452,483	MIGRATION OF ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	8/5/2014
14/452,774	DATA MODIFICATION IN A DISPERSED STORAGE NETWORK	8/6/2014
14/452,791	HARDWARE AUTHENTICATION IN A DISPERSED STORAGE NETWORK	8/6/2014
14/454,013	COOPERATIVE DATA ACCESS REQUEST AUTHORIZATION IN A DISPERSED STORAGE	8/7/2014

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	NETWORK	
14/454,942	STORING DATA IN A DISPERSED STORAGE NETWORK	8/8/2014
14/457,907	DISPERSED STORAGE SYSTEM WITH IDENTITY UNIT SELECTION AND METHODS FOR USE THEREWITH	8/12/2014
14/458,969	BALANCING STORAGE UNIT UTILIZATION WITHIN A DISPERSED STORAGE NETWORK	8/13/2014
14/461,824	DISPERSED STORAGE RE-DISPERSION METHOD BASED ON A FAILURE	8/18/2014
14/467,273	MANAGEMENT OF NETWORK DEVICES WITHIN A DISPERSED DATA STORAGE NETWORK	8/25/2014
14/468,731	OBTAINING DISPERSED STORAGE NETWORK SYSTEM REGISTRY INFORMATION	8/26/2014
14/471,474	ADJUSTING ALLOCATION OF DISPERSED STORAGE NETWORK RESOURCES	8/28/2014
14/475,772	UTILIZING MULTIPLE DATA STRUCTURES FOR SLICE STORAGE	9/3/2014
14/481,892	DIRECTORY SYNCHRONIZATION OF A DISPERSED STORAGE NETWORK	9/9/2014
14/482,320	DELETING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	9/10/2014
14/482,509	CONFIGURING A GENERIC COMPUTING DEVICE UTILIZING SPECIFIC COMPUTING DEVICE OPERATION INFORMATION	9/10/2014
14/482,633	DATA MIGRATION BETWEEN A RAID MEMORY AND A DISPERSED STORAGE NETWORK MEMORY	9/10/2014
14/499,570	ENCRYPTING DATA FOR STORAGE IN A DISPERSED STORAGE NETWORK	9/29/2014
14/502,337	ACCESSING STORAGE UNITS OF A DISPERSED STORAGE NETWORK	9/30/2014
14/527,139	CONFIGURING STORAGE RESOURCES OF A DISPERSED STORAGE NETWORK	10/29/2014
14/549,253	RECOVERING DATA FROM MICROSLICES IN A DISPERSED STORAGE NETWORK	11/20/2014
14/556,657	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	12/1/2014
14/556,703	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	12/1/2014
14/557,078	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	12/1/2014
14/557,136	DATA STORAGE SYSTEM AND METHOD BY SHREDDING AND DESHREDDING	12/1/2014
14/570,366	WRITING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	12/15/2014
14/587,781	ENTITY REGISTRATION IN MULTIPLE DISPERSED STORAGE NETWORKS	12/31/2014
14/587,948	UPDATING ERROR RECOVERY INFORMATION IN A DISPERSED STORAGE NETWORK	12/31/2014

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14/589,391	CONCATENATING DATA OBJECTS FOR STORAGE IN A DISPERSED STORAGE NETWORK	1/5/2015
14/589,639	STORAGE OF DATA WITH VERIFICATION IN A DISPERSED STORAGE NETWORK	1/5/2015
14/610,220	DISTRIBUTING REGISTRY INFORMATION IN A DISPERSED STORAGE NETWORK	1/30/2015
14/610,331	CONTROLLING ACCESS IN A DISPERSED STORAGE NETWORK	1/30/2015
14/612,422	TIME BASED DISPERSED STORAGE ACCESS	2/3/2015
14/613,899	GENERATING MOLECULAR ENCODING INFORMATION FOR DATA STORAGE	2/4/2015
14/615,655	OPTIMIZING ROUTING OF DATA ACROSS A COMMUNICATIONS NETWORK	2/6/2015
14/615,701	ADJUSTING ROUTING OF DATA WITHIN A NETWORK PATH	2/6/2015
14/628,817	INTEGRATED CLIENT FOR USE WITH A DISPERSED DATA STORAGE NETWORK	2/23/2015
14/633,315	EFFICIENT AND SECURE DATA STORAGE UTILIZING A DISPERSED DATA STORAGE SYSTEM	2/27/2015
14/636,860	ADJUSTING A NUMBER OF DISPERSED STORAGE UNITS	3/3/2015
14/637,348	SELF-VALIDATING REQUEST MESSAGE STRUCTURE AND OPERATION	3/3/2015
14/638,175	RETRIEVING MULTI-GENERATIONAL STORED DATA IN A DISPERSED STORAGE NETWORK	3/4/2015
14/638,575	DELEGATING ITERATIVE STORAGE UNIT ACCESS IN A DISPERSED STORAGE NETWORK	3/4/2015
14/638,654	RESOLVING WRITE REQUEST CONFLICTS IN A DISPERSED STORAGE NETWORK	3/4/2015
14/675,070	SECURE DATA ACCESS IN A DISPERSED STORAGE NETWORK	3/31/2015
14/675,183	ACCESSING DATA BASED ON A DISPERSED STORAGE NETWORK REBUILDING ISSUE	3/31/2015
14/675,360	RELIABLY RECOVERING STORED DATA IN A DISPERSED STORAGE NETWORK	3/31/2015
14/679,578	REBUILDING A DATA REVISION IN A DISPERSED STORAGE NETWORK	4/6/2015
14/680,459	MAINTAINING DATA STORAGE IN ACCORDANCE WITH AN ACCESS METRIC	4/7/2015
14/680,575	VERIFYING A STATUS LEVEL OF STORED ENCODED DATA SLICES	4/7/2015
14/705,752	EFFICIENT STORAGE OF ENCRYPTED DATA IN A DISPERSED STORAGE NETWORK	5/6/2015
14/707,943	ACCESSING A DISPERSED STORAGE NETWORK	5/8/2015
14/707,974	MIGRATING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	5/8/2015

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14/707,999	ACCESSING DATA WHILE MIGRATING STORAGE OF THE DATA	5/8/2015
14/721,615	RECOVERING AN ENCODED DATA SLICE IN A DISPERSED STORAGE NETWORK	5/26/2015
14/721,723	IDENTIFYING A TASK EXECUTION RESOURCE OF A DISPERSED STORAGE NETWORK	5/26/2015
14/721,838	ADJUSTING TIMING OF STORING DATA IN A DISPERSED STORAGE NETWORK	5/26/2015
14/789,968	DISPERSED STORAGE NETWORK WITH DATA SEGMENT BACKUP AND METHODS FOR USE THEREWITH	7/1/2015
14/792,577	DISPERSED STORAGE WRITE PROCESS	7/6/2015
14/792,898	NON-TEMPORARILY STORING TEMPORARILY STORED DATA IN A DISPERSED STORAGE NETWORK	7/7/2015
14/794,723	CONSISTENCY BASED ACCESS OF DATA IN A DISPERSED STORAGE NETWORK	7/8/2015
14/805,637	MAINTAINING A DESIRED NUMBER OF STORAGE UNITS	7/22/2015
14/819,113	SENDING A ZERO INFORMATION GAIN FORMATTED ENCODED DATA SLICE	8/5/2015
14/842,129	ADJUSTING A DISPERSAL PARAMETER OF DISPERSEDLY STORED DATA	9/1/2015
14/843,022	AUTHENTICATING A DATA ACCESS REQUEST TO A DISPERSED STORAGE NETWORK	9/2/2015
14/843,049	EFFICIENTLY ACCESSING AN ENCODED DATA SLICE IN A MEMORY CONTAINER UTILIZING A MEMORY BIN	9/2/2015
14/843,092	MANAGING MEMORY UTILIZATION IN A DISTRIBUTED STORAGE AND TASK NETWORK	9/2/2015
14/844,145	ADJUSTING A DATA STORAGE ADDRESS MAPPING IN A MAINTENANCE FREE STORAGE CONTAINER	9/3/2015
14/844,328	SECURELY STORING DATA IN A DISPERSED STORAGE NETWORK	9/3/2015
14/847,855	DETERMINISTICALLY SHARING A PLURALITY OF PROCESSING RESOURCES	9/8/2015
14/869,240	COORDINATING STORAGE OF DATA IN DISPERSED STORAGE NETWORKS	9/29/2015
14/875,079	RETRIEVING DATA SEGMENTS FROM A DISPERSED STORAGE NETWORK	10/5/2015
14/876,154	STORING DATA IN A DISPERSED STORAGE NETWORK	10/6/2015
14/926,891	REDISTRIBUTING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	10/29/2015
14/927,446	SYNCHRONIZING STORAGE OF DATA COPIES IN A DISPERSED STORAGE NETWORK	10/29/2015
14/929,925	UTILIZING A LOCAL AREA NETWORK MEMORY AND A DISPERSED STORAGE NETWORK MEMORY TO ACCESS DATA	11/2/2015
14/930,128	VIRTUAL MEMORY MAPPING IN A DISPERSED STORAGE NETWORK	11/2/2015

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14/953,579	EFFICIENTLY STORING DATA IN A DISPERSED STORAGE NETWORK	11/30/2015
14/954,527	STORAGE AND RETRIEVAL OF DISPERSED STORAGE NETWORK ACCESS INFORMATION	11/30/2015
14/954,836	TIME ALIGNED TRANSMISSION OF CONCURRENTLY CODED DATA STREAMS	11/30/2015
14/954,873	MODIFYING A DISPERSED STORAGE NETWORK MEMORY DATA ACCESS RESPONSE PLAN	11/30/2015
14/955,200	STORING DATA USING A DUAL PATH STORAGE APPROACH	12/1/2015
14/956,818	SELECTING A DATA STORAGE RESOURCE OF A DISPERSED STORAGE NETWORK	12/2/2015
14/984,024	REBUILDING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	12/30/2015
14/986,279	STORING DATA IN A DISPERSED STORAGE NETWORK	12/31/2015
15/005,306	RESPONDING TO A MAINTENANCE FREE STORAGE CONTAINER SECURITY THREAT	1/25/2016
15/006,735	MODIFYING STORAGE CAPACITY OF A SET OF STORAGE UNITS	1/26/2016
15/006,845	PRIORITIZING REBUILDING OF ENCODED DATA SLICES	1/26/2016
15/011,807	RESOLVING WRITE CONFLICTS IN A DISPERSED STORAGE NETWORK	2/1/2016
15/012,555	DETECTING STORAGE ERRORS IN A DISPERSED STORAGE NETWORK	2/1/2016
15/017,991	STORING A DATA STREAM IN A SET OF STORAGE DEVICES	2/8/2016
15/056,517	SELECTING STORAGE UNITS IN A DISPERSED STORAGE NETWORK	2/29/2016
15/058,408	ACCESSING COMMON DATA IN A DISPERSED STORAGE NETWORK	3/2/2016
15/075,946	RE-ENCODING DATA IN A DISPERSED STORAGE NETWORK	3/21/2016
15/082,887	TRANSFERRING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	3/28/2016
15/085,648	LOCALIZED DISPERSED STORAGE MEMORY SYSTEM	3/30/2016
15/089,943	DISTRIBUTED STORAGE NETWORK FOR MODIFICATION OF A DATA OBJECT	4/4/2016
60/316,691	Information preservation system	8/31/2001
61/141,312	Object Interface To A Dispersed Data Storage Network	12/30/2008
61/141,428	Range Based Rebuilder For Use With A Dispersed Data Storage Network	12/30/2008
61/141,478	Systems, Methods, And Apparatus For Matching A Connection Request With A Network Interface Adapted For Use With A Dispersed Data Storage Network	12/30/2008
61/141,494	Systems, Methods and Apparatus for Identifying Accessible Dispersed Digital Storage Vaults Utilizing a Centralized Registry	12/30/2008

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61/141,534	Integrated Client For Use With A Dispersed Data Storage Network	12/30/2008
61/221,762	DISBURSED STORAGE NETWORK INTERFACE MODULE AND PendingS THEREOF	6/30/2009
61/230,019	DISPERSED STORAGE NETWORK VIRTUAL ADDRESS SPACE	7/30/2009
61/230,034	DISPERSED STORAGE NETWORK DATA REBUILDING	7/30/2009
61/230,038	DISPERSED STORAGE NETWORK VERSION SYNCHRONIZATION	7/30/2009
61/230,304	COMPUTING SYSTEM UTILIZING DISPERSED STORAGE	7/31/2009
61/230,937	DISPERSED STORAGE NETWORK DATA MANIPULATION	8/3/2009
61/237,624	DISPERSED STORAGE UNIT AND METHODS WITH METADATA SEPARATION FOR USE IN A DISPERSED STORAGE SYSTEM	8/27/2009
61/237,634	SECURING DATA IN A DISPERSED STORAGE NETWORK	8/27/2009
61/237,645	AUTHENTICATING USE OF A DISPERSED STORAGE NETWORK	8/27/2009
61/237,650	METHOD AND APPARATUS FOR IDENTIFYING DATA INCONSISTENCY IN A DISPERSED STORAGE NETWORK	8/27/2009
61/237,652	DISPERSED STORAGE NETWORK STORAGE SYSTEM	8/27/2009
61/246,809	FINANCIAL TRANSACTIONS UTILIZING A DISTRIBUTED STORAGE NETWORK	9/29/2009
61/246,818	SOCIAL NETWORKING UTILIZING A DISPERSED STORAGE NETWORK	9/29/2009
61/246,876	DISTRIBUTED STORAGE NETWORK MEMORY UTILIZATION OPTIMIZATION	9/29/2009
61/247,190	DISTRIBUTED STORAGE NETWORK MEMORY UTILIZATION	9/30/2009
61/248,548	MULTIMEDIA DISTRIBUTED STORAGE NETWORK	10/5/2009
61/256,193	MEDIA DISTRIBUTION UTILIZING DISTRIBUTED STORAGE	10/29/2009
61/256,226	DISTRIBUTED STORAGE NETWORK DATA REVISION CONTROL	10/29/2009
61/256,314	AUTONOMOUS DISTRIBUTED STORAGE NETWORK	10/30/2009
61/256,411	DISTRIBUTED STORAGE NETWORK DATA PROCESSING	10/30/2009
61/256,419	DISTRIBUTED STORAGE NETWORK DATA ROUTING	10/30/2009
61/256,436	DISTRIBUTED STORAGE NETWORK ACCESSS	10/30/2009
61/264,072	DISTRIBUTED STORAGE NETWORK REBUILDING	11/24/2009
61/264,297	DISTRIBUTED STORAGE NETWORK COMMUNICATIONS METHOD	11/25/2009
61/264,316	DISTRIBUTED STORAGE NETWORK MEMORY SYSTEM	11/25/2009
61/264,504	LARGE SCALE DISTRIBUTED STORAGE NETWORK	11/25/2009
61/264,516	STORING DATA IN A DISTRIBUTED STORAGE NETWORK	11/25/2009

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61/264,534	DISTRIBUTED STORAGE DE-DUPLICATION	11/25/2009
61/290,632	DIGITAL CONTENT DISTRIBUTED STORAGE	12/29/2009
61/290,662	DISTRIBUTED STORAGE OF SOFTWARE	12/29/2009
61/290,689	DISTRIBUTED STORAGE WITH DATA SECURITY	12/29/2009
61/290,757	DISTRIBUTED STORAGE TIME SYNCHRONIZATION	12/29/2009
61/290,775	DISTRIBUTED STORAGE DATA SYNCHRONIZATION	12/29/2009
61/299,075	DISTRIBUTED STORAGE RESOURCE DETERMINATION METHOD	1/28/2010
61/299,197	DIRECTORY FILE SYSTEM IN A DISPERSED STORAGE NETWORK	1/28/2010
61/299,228	DISTRIBUTED STORAGE SYSTEM STORAGE METHOD	1/28/2010
61/299,245	SECURE DATA TRANSMISSION UTILIZING DISTRIBUTED STORAGE	1/28/2010
61/308,737	DISTRIBUTED STORAGE DATA REVISIONS MANAGEMENT	2/26/2010
61/308,938	MULTIPLE MEMORY TYPE STORAGE SYSTEM	2/27/2010
61/313,582	DISTRIBUTED STORAGE NETWORK RESOURCE ALLOCATION	3/12/2010
61/313,885	DISTRIBUTED STORAGE SYSTEM ACCESS	3/15/2010
61/314,166	STORAGE AND RETRIEVAL IN A DISTRIBUTED STORAGE SYSTEM	3/16/2010
61/327,921	SYSTEM ACCESS AND DATA INTEGRITY VERIFICATION IN A DISPERSED STORAGE SYSTEM	4/26/2010
61/328,000	DISPERSED STORAGE SYSTEM ACCESS PROTOCOL FORMAT AND METHOD	4/26/2010
61/346,173	DISPERSED STORAGE NETWORK MEMORY DEVICE UTILIZATION	5/19/2010
61/346,203	INTER-DISPERSED STORAGE NETWORK COMMUNICATIONS	5/19/2010
61/357,390	DISTRIBUTED STORAGE UTILIZING SIMPLE STORAGE UNITS	6/22/2010
61/357,430	DISPERSAL METHOD IN A DISPERSED STORAGE SYSTEM	6/22/2010
61/369,802	DISPERSED STORAGE SYSTEM ACCESS PROTOCOL FORMAT AND METHOD	8/2/2010
61/369,812	DISPERSED STORAGE NETWORK ACCESS REQUEST AUTHENTICATION	8/2/2010
61/377,413	ACCESS INFORMATION DISTRIBUTION UTILIZING DISTRIBUTED AUTHENTICATION	8/26/2010
61/377,428	REPURPOSING MEMORY IN A DISPERSED STORAGE NETWORK	8/26/2010
61/390,368	DATA MANIPULATION IN A DISPERSED STORAGE SYSTEM	10/6/2010
61/390,472	COMMUNICATIONS UTILIZING INFORMATION DISPERSAL	10/6/2010
61/408,971	MEMORY UTILIZATION IN A DISPERSED STORAGE NETWORK	11/1/2010
61/408,980	DISPERSED STORAGE NETWORK COMMUNICATION	11/1/2010

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61/411,478	BALANCING MEMORY UTILIZATION IN A DISPERSED STORAGE NETWORK	11/9/2010
61/417,873	DATA REBUILDING IN A DISPERSED STORAGE NETWORK	11/29/2010
61/426,237	DISPERSED STORAGE NETWORK FILE SYSTEM	12/22/2010
61/427,457	STORING SECRET DATA IN A DISPERSED STORAGE NETWORK	12/27/2010
61/438,490	DISPERSED STORAGE NETWORK ACCESS TOKEN	2/1/2011
61/438,516	UNIFIED DISPERSED STORAGE	2/1/2011
61/448,518	DISPERSED STORAGE NETWORK ACCESS UTILIZING AN ACCESS TOKEN	3/2/2011
61/448,526	DISPERSED STORAGE NETWORK DIRECTORY SYSTEM UTILIZATION	3/2/2011
61/470,521	FLASH MEMORY UTILIZATION IN A USER DEVICE OF A DISPERSED STORAGE NETWORK	4/1/2011
61/470,524	ENCODING DATA STORED IN A DISPERSED STORAGE NETWORK (may be changed when utility is filed)	4/1/2011
61/483,846	Key Storage Protocol Utilizing a Dispersed Storage Network	5/9/2011
61/483,852	CONTAINER BASED DISPERSED STORAGE NETWORK	5/9/2011
61/483,856	CONTENT DISTRIBUTION NETWORK UTILIZING A DISPERSED STORAGE NETWORK	5/9/2011
61/493,820	DATA SECURITY IN A DISPERSED STORAGE NETWORK	6/6/2011
61/493,825	ACCESSING DATA IN A DISPERSED STORAGE NETWORK	6/6/2011
61/505,010	OPTIMIZING A CONTAINER BASED DISPERSED STORAGE NETWORK	7/6/2011
61/505,013	COMPLETING RETRIEVAL OF CONTENT STORED IN A DISPERSED STORAGE NETWORK	7/6/2011
61/512,040	PROCESSING NAMED OBJECTS IN A DISPERSED STORAGE NETWORK	7/27/2011
61/512,122	PROCESSING EVENT INFORMATION IN A DISPERSED STORAGE NETWORK	7/27/2011
61/524,521	DISTRIBUTED AUTHENTICATION TOKEN DEVICE	8/17/2011
61/531,317	COMMUNICATING ONE OR MORE DATA STREAMS UTILIZING DISPERSED STORAGE ERROR ENCODING	9/6/2011
61/542,914	DATA TRANSFER UTILIZING DISPERSED STORAGE ENCODING	10/4/2011
61/542,923	STORING PASSWORDS IN A DISPERSED CREDENTIAL STORAGE SYSTEM	10/4/2011
61/554,152	COMMUNICATING DATA UTILIZING DATA DISPERSAL	11/1/2011
61/554,358	ACCESSING A DISPERSED STORAGE NETWORK	11/1/2011
61/564,185	OPTIMIZING PERFORMANCE OF DISPERSED STORAGE NETWORK	11/28/2011
61/564,200	DISPERSED STORAGE NETWORK STORAGE MODULE	11/28/2011
61/569,387	DISTRIBUTED STORAGE AND TASK PROCESSING	12/12/2011

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61/593,116	INDEXING IN A DISTRIBUTED STORAGE AND TASK NETWORK	1/31/2012
61/593,126	REDISTRIBUTING DATA IN A DISTRIBUTED STORAGE AND TASK NETWORK	1/31/2012
61/605,856	UTILIZING AN INDEX OF A DISTRIBUTED STORAGE AND TASK NETWORK	3/2/2012
61/605,869	TASK EXECUTION IN A DISTRIBUTED STORAGE AND TASK NETWORK	3/2/2012
61/619,232	ACCESS CONTROL IN A DISTRIBUTED STORAGE AND TASK NETWORK	4/2/2012
61/619,240	SUB-TASK PROCESSING BY A DISTRIBUTED STORAGE AND TASK EXECUTION UNIT	4/2/2012
61/637,932	OPTIMIZING ACCESS OF DATA FROM A DISTRIBUTED STORAGE AND TASK NETWORK	4/25/2012
61/637,940	DATA PROCESSING BY A DISTRIBUTED STORAGE AND TASK EXECUTION UNIT	4/25/2012
61/655,736	Storing data in a layered distributed storage and task network	6/5/2012
61/655,753	Establishing an address range assignment in a distributed storage and task network	6/5/2012
61/661,075	METHOD AND SYSTEM FOR THE NORMALIZATION, FILTERING AND SECURING OF ASSOCIATED METADATA INFORMATION ON FILE OBJECTS DEPOSITED INTO AN OBJECT STORE	6/18/2012
61/663,796	ACCESSING A DISTRIBUTED STORAGE AND TASK NETWORK	6/25/2012
61/663,836	LOAD BALANCING ACCESS OF A DISTRIBUTED STORAGE AND TASK NETWORK	6/25/2012
61/679,000	PERFORMANCE OPTIMIZATION OF A DISTRIBUTED STORAGE AND TASK NETWORK	8/2/2012
61/679,007	TASK PROCESSING IN A DISTRIBUTED STORAGE AND TASK NETWORK	8/2/2012
61/695,997	Utilizing metadata to access a dispersed storage and task network	8/31/2012
61/696,018	Authorizing access to a distributed storage and task network	8/31/2012
61/700,691	Updating a dispersed storage and task network index	9/13/2012
61/711,106	Prioritizing Tasks in a Distributed Storage and Task Network	10/8/2012
61/720,204	ACCESSING A DISTRIBUTED STORAGE AND TASK NETWORK	10/30/2012
61/720,274	VERIFYING SLICE INTEGRITY IN A DISTRIBUTED STORAGE AND TASK NETWORK	10/30/2012
61/733,686	GENERATING A DISPERSED QUEUE	12/5/2012
61/733,698	ACCESSING DATA UTILIZING A REGION HEADER OBJECT	12/5/2012
61/748,891	OBFUSCATING AN ENCRYPTION KEY IN A DISPERSED STORAGE NETWORK	1/4/2013
61/748,916	UTILIZING A HIERARCHICAL REGION HEADER OBJECT STRUCTURE FOR DATA STORAGE	1/4/2013

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61/760,962	MANAGING A DISPERSED STORAGE NETWORK POWER CONSUMPTION	2/5/2013
61/761,005	ACCESSING DATA IN A DISPERSED STORAGE NETWORK	2/5/2013
61/769,588	Confirming Integrity of Data in a Dispersed Storage Network	2/26/2013
61/769,595	Securely Storing Data without Duplication in a Dispersed Storage Network	2/26/2013
61/807,288	DE-DUPLICATING DATA STORED IN A DISPERSED STORAGE NETWORK	4/1/2013
61/807,291	OPTIMIZING DATA ACCESS IN A DISPERSED STORAGE NETWORK	4/1/2013
61/819,025	STORING A SPARSE DATA OBJECT IN A DISPERSED STORAGE NETWORK	5/3/2013
61/819,039	SLICE MIGRATION TRACKING IN A DISPERSED STORAGE NETWORK	5/3/2013
61/826,316	PERFORMANCE OPTIMIZED STORAGE OF DATA IN A DISPERSED STORAGE NETWORK	5/22/2013
61/828,883	ACCESSING DATA IN A DISPERSED STORAGE NETWORK	5/30/2013
61/828,905	ENCRYPTED ZERO INFORMATION GAIN DATA REBUILDING	5/30/2013
61/841,603	ACCESSING PERMUTATIONS OF DATA WITHIN A DISPERSED STORAGE NETWORK	7/1/2013
61/841,625	PRIORITIZING TASKS IN A DISPERSED STORAGE NETWORK	7/1/2013
61/860,456	ESTABLISHING A SLICE REBUILDING RATE IN A DISPERSED STORAGE NETWORK	7/31/2013
61/860,498	DISPERSED STORAGE AND COMPUTING NETWORK COMPONENTS AND OPTIMIZATIONS	7/31/2013
61/871,649	OPTIMIZING DATA STORAGE IN A DISPERSED STORAGE NETWORK	8/29/2013
61/871,833	PRIORITIZING DATA RETENTION IN A DISPERSED STORAGE NETWORK	8/29/2013
61/886,452	ACCESSING A VAULT OF A DISPERSED STORAGE NETWORK	10/3/2013
61/898,934	UPDATING REGISTRY INFORMATION OF A DISPERSED STORAGE NETWORK	11/1/2013
61/911,544	SELECTING STORAGE UNITS OF A DISPERSED STORAGE NETWORK	12/4/2013
61/924,196	CONFIGURING STORAGE SLOTS IN A DISPERSED STORAGE NETWORK	1/6/2014
61/933,953	IDENTIFYING SLICE ERRORS ASSOCIATED WITH A DISPERSED STORAGE NETWORK	1/31/2014
61/934,036	UTILIZING STORAGE SLOTS IN A DISPERSED STORAGE NETWORK	1/31/2014
61/944,722	SELECTING RESOURCES OF A DISPERSED STORAGE NETWORK	2/26/2014

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61/944,742	EXECUTING TASKS IN A DISTRIBUTED STORAGE AND TASK NETWORK	2/26/2014
61/974,110	ACCESSING DATA IN A DISPERSED STORAGE NETWORK	4/2/2014
61/974,142	SCHEDULING REBUILDING OF STORED DATA IN A DISPERSED STORAGE NETWORK	4/2/2014
61/986,361	ACCESSING METADATA IN A DISPERSED STORAGE NETWORK	4/30/2014
61/986,399	ALLOCATING STORAGE GENERATIONS IN A DISPERSED STORAGE NETWORK	4/30/2014
62/008,182	UTILIZING LOCAL REDUNDANCY IN A DISPERSED STORAGE NETWORK	6/5/2014
62/008,207	PRIORITIZING TASKS IN A STORAGE UNIT	6/5/2014
62/019,074	UTILIZING A DECENTRALIZED AGREEMENT PROTOCOL IN A DISPERSED STORAGE NETWORK	6/30/2014
62/019,126	SELECTING STORAGE RESOURCES OF A DISPERSED STORAGE NETWORK	6/30/2014
62/031,320	REBUILDING DATA IN A DISPERSED STORAGE NETWORK	7/31/2014
62/031,342	DISPERSED STORAGE NETWORK STORAGE RETRY MECHANISM	7/31/2014
62/046,444	FACILITATING DATA CONSISTENCY IN A DISPERSED STORAGE NETWORK	9/5/2014
62/047,458	SELECTING RESOURCES IN A DISPERSED STORAGE NETWORK	9/8/2014
62/072,123	ASSIGNING TASK EXECUTION RESOURCES IN A DISPERSED STORAGE NETWORK	10/29/2014
62/086,542	CONSISTENT STORAGE OF DATA IN A DISPERSED STORAGE NETWORK	12/2/2014
62/086,611	MAINTAINING DATA INTEGRITY IN A DISPERSED STORAGE NETWORK	12/2/2014
62/098,414	SYNCHRONIZING UTILIZATION OF A PLURALITY OF DISPERSED STORAGE RESOURCES	12/31/2014
62/098,449	SYNCHRONOUSLY STORING DATA IN A PLURALITY OF DISPERSED STORAGE NETWORKS	12/31/2014
62/109,700	REDUNDANTLY STORING DATA IN A DISPERSED STORAGE NETWORK	1/30/2015
62/109,712	UTILIZING ALTERNATE STORAGE RESOURCES WITHIN A DISPERSED STORAGE NETWORK	1/30/2015
62/121,667	SELECTING A STORAGE POOL OF A DISPERSED STORAGE NETWORK	2/27/2015
62/121,736	TRANSITIONING A STATE OF A DISPERSED STORAGE NETWORK	2/27/2015
62/140,861	MODIFYING STORAGE CAPACITY OF A STORAGE UNIT POOL	3/31/2015
62/141,034	REBUILDING ENCODED DATA SLICES ASSOCIATED WITH STORAGE ERRORS	3/31/2015

Docketing App Number	Docketing Title	Filing Date
62/154,867	AUTHORIZING A SLICE ACCESS REQUEST IN A DISPERSED STORAGE NETWORK	4/30/2015
62/154,886	BALANCING MAINTENANCE AND ACCESS TASKS IN A DISPERSED STORAGE NETWORK	4/30/2015
62/168,114	RE-ENCODING DATA IN A DISPERSED STORAGE NETWORK	5/29/2015
62/168,145	TRANSFERRING ENCODED DATA SLICES BETWEEN STORAGE RESOURCES	5/29/2015
62/186,590	ACCESSING DATA WHEN TRANSFERRING THE DATA BETWEEN STORAGE FACILITIES	6/30/2015
62/199,816	STORING DATA AND ASSOCIATED METADATA IN A DISPERSED STORAGE NETWORK	7/31/2015
62/211,975	STORING ENCODED DATA SLICES IN A DISPERSED STORAGE NETWORK	8/31/2015
62/222,819	IDENTIFYING AN ENCODED DATA SLICE FOR REBUILDING	9/24/2015
62/248,636	SECURELY STORING DATA IN A DISPERSED STORAGE NETWORK	10/30/2015
62/248,752	MIGRATING DATA IN A DISPERSED STORAGE NETWORK	10/30/2015
62/260,735	ACCESSING COPIES OF DATA STORED IN A DISPERSED STORAGE NETWORK	11/30/2015
62/260,743	COMMUNICATING DISPERSED STORAGE NETWORK STORAGE UNIT TASK EXECUTION STATUS	11/30/2015
62/272,848	OPTIMIZING UTILIZATION OF STORAGE MEMORY IN A DISPERSED STORAGE NETWORK	12/30/2015
62/287,145	VERIFYING INTEGRITY OF ENCODED DATA SLICES	1/26/2016
62/301,214	ENHANCING PERFORMANCE OF A DISPERSED STORAGE NETWORK	2/29/2016
62/314,792	SELECTING A PROCESSING UNIT IN A DISPERSED STORAGE NETWORK	3/29/2016
62/314,839	PROCESSING AN ENCODED DATA SLICE IN A DISPERSED STORAGE NETWORK	3/29/2016