

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6406018

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HEWLETT-PACKARD LIMITED	07/24/2020
RECEIVING PARTY DATA	
Name:	Hewlett Packard Enterprise Development LP
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16514556
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(970) 898-7444
Email:	hpe.ip.mail@hpe.com
Correspondent Name:	HEWLETT PACKARD ENTERPRISE
Address Line 1:	3404 E. HARMONY ROAD MS 79
Address Line 4:	FORT COLLINS, COLORADO 80528
ATTORNEY DOCKET NUMBER:	90759417
NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	11/17/2020
Total Attachments: 144	
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PATENT ASSIGNMENT

This **PATENT ASSIGNMENT** (this "Assignment"), effective as of the 1st of April, 2020 (the "Effective Date"), is entered into by and between **Hewlett-Packard Limited**, a private company limited by shares and organized under the laws of England and Wales ("Assignor"), and **Hewlett Packard Enterprise Development LP**, a limited partnership organized under the laws of the State of Texas, United States of America, with a place of business at 11445 Compaq Center Drive West, Houston, TX 77707 ("Assignee"). Assignor and Assignee are referred to herein individually as a "Party" and collectively as the "Parties".

RECITALS

WHEREAS, Assignor and Assignee are parties to that certain *Amended and Restated Research and Development Services Agreement*, effective the 2nd of October, 2015 (the "R&D Agreement"), pursuant to which Assignor performs various research and development services for Assignee in exchange for compensation.

WHEREAS, pursuant to the R&D Agreement and certain other intercompany agreements, Assignee is assigned and acquires from time to time all legal title in and to patents and patent applications developed or created by Assignor, including but not limited to the patents and patent applications set forth on Exhibit A (as may be amended, supplemented or otherwise modified from time to time) (collectively the "Patents").

WHEREAS, the Parties hereto wish to record such acquisition.

WHEREAS, the Parties hereto intend and agree that the terms of this Assignment are consistent with the past practices of the Parties with respect to the transactions contemplated hereunder for the period beginning as of the Effective Date and that the terms of this Assignment apply as of such Effective Date.


NOW, THEREFORE, for good and valuable consideration, the adequacy and receipt of which are hereby acknowledged, the Parties agree as follows:

1. Assignor hereby assigns to Assignee all right, title, and interest, throughout the world, in and to the Patents, including, without limitation, the right to sue for injunctive relief and damages (including based on provisional rights related to published patent applications among the Patents) for infringement of any of the Patents accruing at any time prior to, on or after the Effective Date, and the right (where applicable) to file applications under the Paris Convention corresponding to or based on any of the applications for the Patents and to claim priority from such applications and to file national phase, regional phase, continuation, continuation-in-part and divisional applications based on the Patents.
2. Assignor hereby authorizes and requests the competent authorities to record this Assignment and to grant and issue any and all registrations of the Patents throughout the world to Assignee, its successors, or assigns, whose rights, title, and interests in such registrations are the same as would have been held and enjoyed by Assignor had this Assignment not been made.
3. Assignor will, and will ensure that any other necessary party will, execute all such documents and do all such acts and things as may be required by Assignee for securing and perfecting the assignment of the Patents in accordance with this Assignment.
4. Assignee shall pay Assignor USD 1 for the assignment of such Patents to Assignee.
5. This Assignment will be binding upon the Parties and their successors and assigns.

6. This Assignment may be executed simultaneously in two or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. This Assignment may be executed by facsimile or .pdf signature, and a facsimile or .pdf signature will constitute an original for all purposes.
7. This Agreement will be governed in all respects by the laws of the State of Delaware, United States of America, without reference to any choice of law provisions. Any dispute between the parties shall be subject to the exclusive jurisdiction of the Federal Court of the District of Delaware. The parties agree that United Nations Convention on Contracts for the International Sale of Goods shall not apply to this Agreement.

IN WITNESS WHEREOF the Parties have executed this Assignment by their duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP
By: Enterprise DC Holdings LLC, its General Partner

By: 

(Signature)

Sergio E. Letelier

(Name)

Manager

(Title)

Jul 14, 2020

(Execution Date)

Hewlett-Packard Limited

By: _____
(Signature)

(Name)

(Title)

(Execution Date)

6. This Assignment may be executed simultaneously in two or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. This Assignment may be executed by facsimile or .pdf signature, and a facsimile or .pdf signature will constitute an original for all purposes.
7. This Agreement will be governed in all respects by the laws of the State of Delaware, United States of America, without reference to any choice of law provisions. Any dispute between the parties shall be subject to the exclusive jurisdiction of the Federal Court of the District of Delaware. The parties agree that United Nations Convention on Contracts for the International Sale of Goods shall not apply to this Agreement.

IN WITNESS WHEREOF the Parties have executed this Assignment by their duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP
By: Enterprise DC Holdings LLC, its General
Partner

By: _____
(Signature)

Sergio E. Letelier
(Name)

Manager
(Title)

(Execution Date)

Hewlett-Packard Limited

PA Oram
By: _____
(Signature)

PA Oram
(Name)

Director
(Title)

Jul 24, 2020
(Execution Date)

EXHIBIT A

Patent Id	Status	Patent Number	Filing Date	Grant Date	Application Number	Territory	Title
90842047	Acknowledged					United States of America	System and Method for Scalable Hardware Coherent Memory Nodes
90842049	Acknowledged					United States of America	Systems and Methods for Scalable Systems using Scale-up Coherent Channels and Scale-out Industry Standard Channels
90860091	Acknowledged					United States of America	FRU Secure component binding
90870600	Acknowledged					United States of America	Improved job completion through statistical analysis of rework effort for failed jobs
82930496	Allowed		12/21/2009		09852671.8	European Patent	CIRCUIT SWITCHED OPTICAL INTERCONNECTION FABRIC
90148242	Allowed		9/30/2016		15/281910	United States of America	RESTORATION OF CONTENT OF A VOLUME
90157627	Allowed		8/9/2013		20138007998.3	China	SWITCH ASSEMBLY
90311486	Allowed		1/31/2017		15/420404	United States of America	COMPARING STRUCTURAL INFORMATION OF A SNAPSHOT OF SYSTEM MEMORY

Patent Assignment (R&D Agmt) (Short Form) (eff 1 April 2020)
 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

903153 29	Allowed		10/30/2 014		15/328408	United States of Americ a	SECURE TRANSACTIONS IN A MEMORY FABRIC
903435 62	Allowed		9/24/20 14		15/329997	United States of Americ a	UTILIZING ERROR CORRECTION (ECC) FOR SECURE SECRET SHARING
903622 75	Allowed		3/20/20 15		15/505671	United States of Americ a	DATASTREAM BLOCK ENCRYPTION
903984 18	Allowed		10/30/2 014		15/515707	United States of Americ a	ENCRYPTION FOR TRANSACTIONS IN A MEMORY FABRIC
904695 77	Allowed		8/28/20 15		15/547710	United States of Americ a	Collision Handling During an Asynchronous Replication
904829 53	Allowed		3/8/201 8		15/915381	United States of Americ a	ENCLAVE LAUNCH AND AUTHENTICATIO N
904834 43	Allowed		1/30/20 18		15/884030	United States of Americ a	MEMRISTIVE DOT PRODUCT ENGINE VIRTUALIZATIO N
904897 85	Allowed		9/14/20 15		15904219.1	Europe an Patent	SECURE MEMORY SYSTEMS
904898 60	Allowed		9/24/20 15		15/573863	United States of Americ a	MEMORY SYSTEM MANAGEMENT

Patent Assignment (R&D Agmt) (Short Form) (eff 1 April 2020)
 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

904925 10	Allowed		3/20/20 15		20158007897 1.0	China	DATASTREAM BLOCK ENCRYPTION
904957 70	Allowed		7/31/20 15		20158007897 0.6	China	METHODS TO CREATE LOGICAL TREES OF MEMORY SYSTEMS
905133 85	Allowed		6/12/20 15		15/579838	United States of Americ a	DISK STORAGE ALLOCATION
905175 65	Allowed		4/2/201 8		15/942925	United States of Americ a	DATA PROCESSING APPARATUSES AND METHODS
905231 88	Allowed		2/26/20 16		15/770840	United States of Americ a	FAULT ISOLATION IN TRANSACTION LOGS
905231 92	Allowed		3/31/20 16		15/770845	United States of Americ a	TRANSACTION MANAGEMENT FOR MULTI- NODE CLUSTERS
906021 91	Allowed		4/21/20 16		16/061998	United States of Americ a	DETERMINING A PERSISTENT NETWORK IDENTITY OF A NETWORKED DEVICE
906070 66	Allowed		11/17/2 015		15/777185	United States of Americ a	HANDLING NETWORK THREATS
906392 22	Allowed		10/10/2 018		16/155983	United States of Americ a	Securing Firmware

Patent Assignment (R&D Agmt)) (Short Form) (eff 1 April 2020)
 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

906632 19	Allowed		10/12/2 018		16/159365	United States of Americ a	SECURE MANAGEMENT AND EXECUTION OF COMPUTING CODE INCLUDING FIRMWARE
906910 02	Allowed		1/30/20 19		16/262578	United States of Americ a	REGION CLONING FOR DEDUPLICATION
906992 46	Allowed		1/22/20 19		16/253853	United States of Americ a	ADMISSIONS CONTROL OF A DEVICE
908270 50	Allowed		11/20/2 018		16/197159	United States of Americ a	INCREASINGLY MINIMAL BIAS ROUTING
822425 39	Applicat ion		3/10/20 08		PI0821182-5	Brazil	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
822425 45	Applicat ion		3/10/20 08		6260/DELNP /2010	India	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
828798 21	Applicat ion		10/26/2 009		9070/CHENP /2011	India	METHOD AND APPARATUS FOR INCREASING THE SPEED OF SUCCESSFUL ENTANGLEMEN T CREATION AND QUANTUM REPEATER USING THE SAME

Patent Assignment (R&D Agmt) (Short Form) (eff 1 April 2020)
 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

84034616	Applicat ion		10/29/2 014		5401/CHE/20 14	India	DATA RESTORATION USING ALLOCATION MAPS
90001592	Applicat ion		7/31/20 15		3949/CHE/20 15	India	SNAPSHOT STORAGE MANAGEMENT
90528431	Applicat ion		1/22/20 18		20181006009 6.9	China	CHANGING THE DEPLOYMENT STATUS OF A PRE-PROCESSOR OR ANALYTIC
90528448	Applicat ion		1/22/20 18		20181005845 8.0	China	SYSTEM CALL POLICIES FOR CONTAINERS
90541199	Applicat ion		1/29/20 16		15/756978	United States of Americ a	DEVICE ATTESTATION
90627795	Applicat ion		4/29/20 16		16/085187	United States of Americ a	HIERARCHICAL RULE CLUSTERING
90648832	Applicat ion		4/2/201 9		16/372675	United States of Americ a	CONTAINER INDEX PERSISTENT ITEM TAGS
90659704	Applicat ion		4/30/20 19		16/399230	United States of Americ a	CACHE COHERENCY MANAGEMENT FOR MULTI- CATEGORY MEMORIES
90659719	Applicat ion		1/8/201 9		PCT/US2019 /012610	Patent Cooper ation Treaty	SECURING NODE GROUPS

Patent Assignment (R&D Agmt) (Short Form) (eff 1 April 2020)
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90659728	Application		12/17/2018		16/222293	United States of America	VERIFICATION OF A PROVISIONED STATE OF A PLATFORM
90659983	Application		3/4/2019		16/291738	United States of America	CACHE MANAGER
90690336	Application		9/10/2019		16/565915	United States of America	INTEGRITY MANIFEST CERTIFICATE
90691671	Application		2/27/2019		16/287518	United States of America	High Performance Compute Infrastructure as a Service
90691705	Application		3/12/2019		16/299258	United States of America	Multi-Dimensional Attestation
90707268	Application		4/29/2019		16/397661	United States of America	BACKUPS OF FILE SYSTEM INSTANCES WITH ROOT OBJECT ENCRYPTED BY METADATA ENCRYPTION KEY
90717109	Application		4/29/2019		16/398069	United States of America	BACKUPS OF FILE SYSTEM INSTANCES OF ENCRYPTED DATA OBJECTS
90722414	Application		4/29/2019		16/397967	United States of America	THREAT-AWARE COPY DATA MANAGEMENT
90740124	Application		5/31/2019		201941021738	India	Unified KaaS (Kubernetes as a Service) Controller through HPE self-service Portal using dynamic discovery

							of plugin based on event-driven architecture
90743085	Applicat ion		8/27/20 19		16/552357	United States of Americ a	CROSS- ATTESTATION OF ELECTRONIC DEVICES
90743102	Applicat ion		7/26/20 19		16/523085	United States of Americ a	MONITORING OPERATING SYSTEM INVARIANT INFORMATION
90759417	Applicat ion		7/17/20 19		16/514556	United States of Americ a	MANAGING CONCURRENTLY RECEIVED CONFIGURATIO N REQUESTS IN A COMPUTING NETWORK
90759422	Applicat ion		7/17/20 19		16/514654	United States of Americ a	MANAGING A CONFIGURATIO N REQUEST IN A COMPUTING NETWORK
90761779	Applicat ion		9/12/20 19		16/568451	United States of Americ a	BACKUPS OF FILE SYSTEM INSTANCES HAVING SUBTREES
90763255	Applicat ion		5/29/20 20		16/887001	United States of Americ a	UNIFIED CONTAINER ORCHESTRATIO N CONTROLLER
90814385	Applicat ion		9/25/20 19		16/582907	United States of Americ a	INJECTION LOCKED MULTI- WAVELENGTH OPTICAL SOURCE
90816046	Applicat ion		1/30/20 20		16/777779	United States of Americ a	A PLUGIN FRAMEWORK TO SUPPORT ZERO TOUCH MANAGEMENT OF HETEROGENEOU S

							INFRASTRUCTURE ELEMENTS ACROSS DISTRIBUTED DATA CENTERS
90819947	Application		1/30/2020		16/776735	United States of America	LOCALLY REPRESENTING A REMOTE APPLICATION PROGRAMMING INTERFACE (API) ENDPOINT WITHIN AN APPLICATION PLATFORM
90830599	Application		3/26/2020		16/830421	United States of America	CATALOG OF FILES ASSOCIATED WITH SNAPSHOTS
90830927	Application		1/28/2020		16/774638	United States of America	ACCESS PERMISSIONS FOR MEMORY REGIONS
90832534	Application		1/27/2020		16/773710	United States of America	DEDUPLICATION SYSTEM THRESHOLD BASED ON AN AMOUNT OF WEAR OF A STORAGE DEVICE
90832546	Application		4/20/2020		16/852711	United States of America	BACKUP OBJECTS FOR FULLY PROVISIONED VOLUMES WITH THIN LISTS OF CHUNK SIGNATURES
90832577	Application		1/28/2020		16/774467	United States of America	INTEGRITY VERIFICATION FOR A SOFTWARE STACK OR PART OF A SOFTWARE STACK

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

90839356	Application		2/26/2020		202010121093.9	China	HIGH PERFORMANCE COMPUTE INFRASTRUCTURE AS A SERVICE
90839380	Application		3/31/2020		202010248020.6	China	BACKUPS OF FILE SYSTEM INSTANCES OF ENCRYPTED DATA OBJECTS
90839384	Application		4/1/2020		202010247862.X	China	CACHE COHERENCY MANAGEMENT FOR MULTI-CATEGORY MEMORIES
90840277	Application		2/25/2020		102020104871.8	Germany (Federal Republic of)	High Performance Compute Infrastructure as a Service
90840302	Application		4/24/2020		102020111199.1	Germany (Federal Republic of)	BACKUPS OF FILE SYSTEM INSTANCES OF ENCRYPTED DATA OBJECTS
90840305	Application		3/30/2020		102020108666.0	Germany (Federal Republic of)	CACHE COHERENCY MANAGEMENT FOR MULTI-CATEGORY MEMORIES
90850532	Application		3/23/2020		PCT/US2020/024303	Patent Cooperation Treaty	SYSTEMS AND METHODS FOR ADAPTIVE ROUTING IN THE PRESENCE OF PERSISTENT FLOWS
90850534	Application		3/23/2020		PCT/US2020/024340	Patent Cooperation Treaty	SYSTEMS AND METHODS FOR PER TRAFFIC CLASS ROUTING

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90850536	Applicat ion		3/23/20 20		PCT/US2020 /024125	Patent Cooper ation Treaty	METHODS FOR DISTRIBUTING SOFTWARE- DETERMINED GLOBAL LOAD INFORMATION
90850542	Applicat ion		3/23/20 20		PCT/US2020 /024129	Patent Cooper ation Treaty	ALGORITHMS FOR USE OF LOAD INFORMATION FROM NEIGHBORING NODES IN ADAPTIVE ROUTING
90850551	Applicat ion		3/23/20 20		PCT/US2020 /024342	Patent Cooper ation Treaty	SYSTEMS AND METHODS FOR ON THE FLY ROUTING IN THE PRESENCE OF ERRORS
90850553	Applicat ion		3/23/20 20		PCT/US2020 /024170	Patent Cooper ation Treaty	OPTIMIZED ADAPTIVE ROUTING TO REDUCE NUMBER OF HOPS
90850555	Applicat ion		3/23/20 20		PCT/US2020 /024221	Patent Cooper ation Treaty	WEIGHTING ROUTING
90850558	Applicat ion		3/23/20 20		PCT/US2020 /024276	Patent Cooper ation Treaty	DEADLOCK- FREE MULTICAST ROUTING ON A DRAGONFLY NETWORK
90855523	Applicat ion		3/23/20 20		PCT/US2020 /024259	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DATA-DRIVEN INTELLIGENT NETWORK
90855584	Applicat ion		3/23/20 20		PCT/US2020 /024251	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DATA-DRIVEN INTELLIGENT NETWORK WITH

							ENDPOINT CONGESTION DETECTION AND CONTROL
908555 85	Applicat ion		3/23/20 20		PCT/US2020 /024268	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DATA-DRIVEN INTELLIGENT NETWORK WITH PER-FLOW CREDIT-BASED FLOW CONTROL
908555 86	Applicat ion		3/23/20 20		PCT/US2020 /024270	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DATA-DRIVEN INTELLIGENT NETWORK WITH FLOW CONTROL OF INDIVIDUAL APPLICATIONS AND TRAFFIC FLOWS
908572 72	Applicat ion		3/23/20 20		PCT/US2020 /024327	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DATA-DRIVEN INTELLIGENT NETWORK WITH INGRESS PORT INJECTION LIMITS
908572 73	Applicat ion		3/23/20 20		PCT/US2020 /024239	Patent Cooper ation Treaty	DYNAMIC BUFFER MANAGEMENT IN DATA- DRIVEN INTELLIGENT NETWORK
908572 76	Applicat ion		3/23/20 20		PCT/US2020 /024266	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING GLOBAL FAIRNESS IN A NETWORK

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908574 25	Applicat ion		3/23/20 20		PCT/US2020 /024237	Patent Cooper ation Treaty	METHOD AND SYSTEM FOR PROVIDING NETWORK EGRESS FAIRNESS BETWEEN APPLICATIONS
908574 56	Applicat ion		3/23/20 20		PCT/US2020 /024260	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR DYNAMIC ALLOCATION OF REDUCTION ENGINES
908574 57	Applicat ion		3/23/20 20		PCT/US2020 /024243	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING SELF- MANAGING REDUCTION ENGINES
908574 58	Applicat ion		3/23/20 20		PCT/US2020 /024253	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING TRACER PACKETS IN A DATA-DRIVEN INTELLIGENT NETWORK
908574 59	Applicat ion		3/23/20 20		PCT/US2020 /024324	Patent Cooper ation Treaty	METHOD AND SYSTEM FOR FACILITATING LOSSY DROPPING AND ECN MARKING
908574 61	Applicat ion		3/23/20 20		PCT/US2020 /024332	Patent Cooper ation Treaty	METHOD AND SYSTEM FOR FACILITATING WIDE LAG AND ECMP CONTROL
908574 62	Applicat ion		3/23/20 20		PCT/US2020 /024254	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DATA REQUEST MANAGEMENT IN A NETWORK INTERFACE CONTROLLER (NIC)

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90857693	Applicat ion		3/23/20 20		PCT/US2020 /024245	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING FINE-GRAIN FLOW CONTROL IN A NETWORK INTERFACE CONTROLLER (NIC)
90857706	Applicat ion		3/23/20 20		PCT/US2020 /024311	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT MESSAGE MATCHING IN A NETWORK INTERFACE CONTROLLER (NIC)
90857769	Applicat ion		3/23/20 20		PCT/US2020 /024241	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT PACKET FORWARDING USING A MESSAGE STATE TABLE IN A NETWORK INTERFACE CONTROLLER (NIC)
90857772	Applicat ion		3/23/20 20		PCT/US2020 /024246	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING HYBRID MESSAGE MATCHING IN A NETWORK INTERFACE CONTROLLER (NIC)
90857774	Applicat ion		3/23/20 20		PCT/US2020 /024272	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT LOAD BALANCING IN A NETWORK INTERFACE CONTROLLER (NIC)

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908577 76	Applicat ion		3/23/20 20		PCT/US2020 /024304	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT MANAGEMENT OF NON- IDEMPOTENT OPERATIONS IN A NETWORK INTERFACE CONTROLLER (NIC)
908577 77	Applicat ion		3/23/20 20		PCT/US2020 /024250	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING DYNAMIC COMMAND MANAGEMENT IN A NETWORK INTERFACE CONTROLLER (NIC)
908577 78	Applicat ion		3/23/20 20		PCT/US2020 /024248	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT EVENT NOTIFICATION MANAGEMENT FOR A NETWORK INTERFACE CONTROLLER (NIC)
908577 81	Applicat ion		3/23/20 20		PCT/US2020 /024242	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT UTILIZATION OF AN OUTPUT BUFFER IN A NETWORK INTERFACE CONTROLLER (NIC)
908577 82	Applicat ion		3/23/20 20		PCT/US2020 /024257	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING OPERATION MANAGEMENT IN A NETWORK

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							INTERFACE CONTROLLER (NIC) FOR ACCELERATORS
908577 86	Applicat ion		3/23/20 20		PCT/US2020 /024262	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT PACKET FORWARDING IN A NETWORK INTERFACE CONTROLLER (NIC)
908577 88	Applicat ion		3/23/20 20		PCT/US2020 /024321	Patent Cooper ation Treaty	SYSTEM AND METHOD FOR FACILITATING EFFICIENT PACKET INJECTION INTO AN OUTPUT BUFFER IN A NETWORK INTERFACE CONTROLLER (NIC)
908505 30	Applicat ion			5/23/20 19	62/852273	United States of Americ a	1177 - NETWORK SWITCH (ROSETTA SHORT)
819949 97	Granted	7111282	6/12/20 01	9/19/20 06	09/880327	United States of Americ a	INSTRUMENTIN G A SOFTWARE PROGRAM AND COLLECTING DATA FROM THE INSTRUMENTED SOFTWARE PROGRAM BY TYPE
820616 72	Granted	6886032	6/8/200 1	4/26/20 05	09/876161	United States of Americ a	Utilization Of Unused Disk Space On Networked Computer

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82061675	Granted	6865598	6/8/2001	3/8/2005	09/875950	United States of America	Utilization Of Unused Disk Space On Networked Computers
82061885	Granted	7562248	2/18/2005	7/14/2009	11/061022	United States of America	DATA STORAGE SYSTEM
82062101	Granted	6925288	3/29/2001	8/2/2005	09/821146	United States of America	Gathering Information From Short-range Wireless Portals
82062347	Granted	6941476	5/10/2001	9/6/2005	09/852262	United States of America	Information Storage
82062491	Granted	6934881	4/27/2001	8/23/2005	09/843148	United States of America	MEMORY INCLUDING PORTION STORING A COPY OF PRIMARY OPERATING SYSTEM AND METHOD OF OPERATING COMPUTER INCLUDING THE MEMORY
82062506	Granted	8024270	5/8/2001	9/20/2011	10/275871	United States of America	Operating A Communications Infrastructure On A Pre-payment Basis
82062512	Granted	60121569.9	5/8/2001	7/19/2006	01925734.4	Germany (Federal Republic of)	Operating A Communications Infrastructure On A Pre-payment Basis
82062515	Granted	1281270	5/8/2001	7/19/2006	01925734.4	United Kingdom	Distributed pre-paid communications infrastructure

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820625 18	Granted	1281270	5/8/200 1	7/19/20 06	01925734.4	Italy	Distributed pre-paid communications infrastructure
820625 57	Granted	60037972. 8	10/10/2 000	2/6/200 8	00308910.9	German y (Federa l Republi c of)	E-appliances
820625 60	Granted	1197858	10/10/2 000	2/6/200 8	00308910.9	United Kingdo m	E-appliances
820627 13	Granted	7877799	8/1/200 1	1/25/20 11	09/920554	United States of Americ a	Performance Of A Service On A Computing Platform
820627 19	Granted	4818542	8/9/200 1	9/9/201 1	2001-241933	Japan	Performance Of A Service On A Computing Platform
820627 37	Granted	2368227	10/17/2 000	12/10/2 003	0025461.5	United Kingdo m	Contact Center
820627 43	Granted	6988126	10/16/2 001	1/17/20 06	09/977494	United States of Americ a	CONTACT CENTER SYSTEM AND METHOD FOR SPECIFYING DIFFERENT SERVICE SPECIFIC BEHAVIOURS AND OFFERING RANGE OF CORRESPONDIN G CUSTOMER SERVICES
820627 46	Granted	2368224	10/17/2 000	8/25/20 04	0025454.0	United Kingdo m	Content Provider Entity For Communication Session

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820627 49	Granted	7334017	10/16/2 001	2/19/20 08	09/977501	United States of Americ a	Content Provider Entity For Communication Session
820627 55	Granted	2368930	10/17/2 000	4/6/200 5	0025452.4	United Kingdo m	Establishment Of A Deferred Network Communication Session
820627 58	Granted	7000019	10/16/2 001	2/14/20 06	09/977495	United States of Americ a	Establishment Of A Deferred Network Communication Session
820627 70	Granted	2368225	10/17/2 000	12/10/2 003	0025458.1	United Kingdo m	Inviting Assistant Entity Into A Network Communication Session
820627 73	Granted	8166173	10/16/2 001	4/24/20 12	09/977497	United States of Americ a	Inviting Assistant Entity Into A Network Communication Session
820627 88	Granted	2368246	10/17/2 000	9/1/200 4	0025462.3	United Kingdo m	Overview Subsystem For Information Page Server
820627 91	Granted	6996605	10/16/2 001	2/7/200 6	09/977496	United States of Americ a	OVERVIEW SUBSYSTEM FOR INFORMATION PAGE SERVER
820628 72	Granted	7113911	11/21/2 001	9/26/20 06	09/990768	United States of Americ a	Voice Communication Concerning A Local Entity
820629 86	Granted	7065575	11/20/2 000	6/20/20 06	09/715045	United States of Americ a	Cooperative Networking Method And System

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820635 26	Granted	2372594	2/23/20 01	10/6/20 04	0104670.5	United Kingdo m	Trusted Computing Environment
820635 29	Granted	7353531	2/22/20 02	4/1/200 8	10/080477	United States of Americ a	Trusted Computing Environment
820635 35	Granted	7159210	6/18/20 02	1/2/200 7	10/175553	United States of Americ a	Performing Secure And Insecure Computing Operations In A Compartmented Operating System
820635 41	Granted	2376764	6/19/20 01	12/29/2 004	0114891.5	United Kingdo m	Multiple Trusted Computing Environments
820635 44	Granted	7865876	6/18/20 02	1/4/201 1	10/175542	United States of Americ a	MULTIPLE TRUSTED COMPUTING ENVIRONMENTS
820635 53	Granted	8219496	2/22/20 02	7/10/20 12	10/080479	United States of Americ a	Method Of And Apparatus For Ascertaining The Status Of A Data Processing Environment
820635 56	Granted	2375199	2/20/20 02	2/2/200 5	0203939.4	United Kingdo m	Method Of And Apparatus For Ascertaining The Status Of A Data Processing Environment
820636 19	Granted	7437568	8/16/20 01	10/14/2 008	09/931526	United States of Americ a	Apparatus And Method For Establishing Trust
820636 43	Granted	6986042	8/17/20 01	1/10/20 06	10/110950	United States of Americ a	COMPUTER SYSTEM OPERABLE TO REVERT TO A TRUSTED STATE

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820636 49	Granted	60123969. 5	8/17/20 01	10/18/2 006	01958228.7	German y (Federa l Republi c of)	A Computer System Operable To Revert To A Trusted State
820636 52	Granted	1309916	8/17/20 01	10/18/2 006	01958228.7	United Kingdo m	A Computer System Operable To Revert To A Trusted State
820640 18	Granted	2373348	3/7/200 1	1/12/20 05	0105691.0	United Kingdo m	Computer System
820640 24	Granted	8769478	4/22/20 05	7/1/201 4	11/111866	United States of Americ a	Aggregation Of Multiple Headless Computer Entities Into A Single Computer Entity Group
820640 75	Granted	2377048	6/30/20 01	5/4/200 5	0116063.9	United Kingdo m	Method Of Utilisation Of A Data Storage Array, And Array Controller Therefor
820640 78	Granted	6851037	7/1/200 2	2/1/200 5	10/185725	United States of Americ a	METHOD OF UTILISATION OF A DATA STORAGE ARRAY, AND ARRAY CONTROLLER THEREFOR
820642 01	Granted	7634656	9/12/20 02	12/15/2 009	10/241894	United States of Americ a	Method And Apparatus For Identifying A Voice Caller
820642 07	Granted	60207500. 9	9/10/20 02	11/23/2 005	02256245.8	German y (Federa l Republi c of)	Method And Apparatus For Identifying A Voice Caller

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82064213	Granted	1294157	9/10/2002	11/23/2005	02256245.8	United Kingdom	Method And Apparatus For Identifying A Voice Caller
82064594	Granted	7444666	7/25/2002	10/28/2008	10/202816	United States of America	Multi-domain Authorization And Authentication
82064600	Granted	60214632.1	7/26/2002	9/13/2006	02255218.6	Germany (Federal Republic of)	Multi-domain Authorisation And Authentication
82064606	Granted	1280317	7/26/2002	9/13/2006	02255218.6	United Kingdom	Multi-domain Authorisation And Authentication
82064771	Granted	7702763	7/31/2002	4/20/2010	10/207802	United States of America	Remote Monitoring Of Computer Devices
82065014	Granted	6873270	10/30/2002	3/29/2005	10/283503	United States of America	Data Storage And Analysis
82065206	Granted	8370631	7/29/2002	2/5/2013	10/208716	United States of America	Trusted Identities On A Trusted Computing Platform
82065749	Granted	7058708	6/12/2001	6/6/2006	09/878185	United States of America	METHOD OF AND APPARATUS FOR MANAGING PREDICTED FUTURE USER ACCOUNTS ASSIGNED TO A COMPUTER
82065806	Granted	7822862	6/9/2003	10/26/2010	10/457021	United States of America	METHOD OF SATISFYING A DEMAND ON A NETWORK FOR

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							A NETWORK RESOURCE
82065812	Granted	2386738	3/18/2002	9/21/2005	0206404.6	United Kingdom	Lower Cost Streaming Media Playback Infrastructure
82065815	Granted	7770199	3/18/2003	8/3/2010	10/390161	United States of America	Media Playing
82065821	Granted	7590746	6/9/2003	9/15/2009	10/457003	United States of America	SYSTEMS AND METHODS OF MAINTAINING AVAILABILITY OF REQUESTED NETWORK RESOURCES
82065824	Granted	2389481	6/4/2003	12/28/2005	0312767.7	United Kingdom	Method Of Maintaining Availability Of Requested Network Resources
82065860	Granted	7779267	9/4/2001	8/17/2010	09/946323	United States of America	Method And Apparatus For Using A Secret In A Distributed Computing System
82065905	Granted	7096409	7/30/2003	8/22/2006	10/632125	United States of America	Reed-solomon Decoder And Decoding Method For Errors And Erasures Decoding
82066010	Granted	2376765	6/19/2001	12/29/2004	0114895.6	United Kingdom	Multiple Trusted Computing Environments With Verifiable Environment Identities
82066013	Granted	7076655	6/18/2002	7/11/2006	10/175183	United States of America	Multiple Trusted Computing Environments With Verifiable Environment Identities

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82066025	Granted	7086052	1/3/2003	8/1/2006	10/336590	United States of America	Software Installation And Operation With Random Selection
82066268	Granted	2381173	10/4/2002	6/30/2004	0222978.9	United Kingdom	A Method, Using Identity Based Encryption, To Permit A Sender Of A Message To Place Constraints On Who Can Read The Message
82066271	Granted	10248006.0	10/15/2002	1/17/2008	10248006.0	Germany (Federal Republic of)	A Method, Using Identity Based Encryption, To Permit A Sender Of A Message To Place Constraints On Who Can Read The Message
82066274	Granted	7219226	10/11/2002	5/15/2007	10/270039	United States of America	Method And Apparatus For Encrypting Data
82069286	Granted	8407092	10/30/2001	3/26/2013	10/415449	United States of America	Metering In A Data Processing System
82069352	Granted	6728860	2/19/2001	4/27/2004	09/959590	United States of America	Address Mapping In Solid State Storage Device
82069355	Granted	6931509	12/15/2003	8/16/2005	10/734624	United States of America	Address Mapping In Solid State Storage Device
82069802	Granted	7096204	10/6/2000	8/22/2006	10/110280	United States of America	Electronic Commerce System

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820933 67	Granted	7415113	7/30/20 03	8/19/20 08	10/629599	United States of Americ a	Management Of Security Key Distribution
820933 73	Granted	7512240	10/29/2 003	3/31/20 09	10/694824	United States of Americ a	Management Of Security Key Distribution
820934 30	Granted	7917752	8/18/20 03	3/29/20 11	10/643306	United States of Americ a	METHOD OF CONTROLLING THE PROCESSING OF DATA
820943 87	Granted	2398712	1/20/20 04	6/28/20 06	0401123.5	United Kingdo m	Privacy Management Of Personal Data
820943 90	Granted	7398393	1/28/20 04	7/8/200 8	10/767868	United States of Americ a	Privacy Management Of Personal Data
820946 39	Granted	7983422	7/25/20 03	7/19/20 11	10/627158	United States of Americ a	QUANTUM CRYPTOGRAPHY
820946 48	Granted	4829788	7/22/20 04	9/22/20 11	2006-520891	Japan	Quantum Cryptography With Quantum Channel Check
820946 51	Granted	60200401 0270.9	7/22/20 04	11/21/2 007	04743493.1	German y (Federa l Republi c of)	Quantum Cryptography With Quantum Channel Check
820946 57	Granted	1652334	7/22/20 04	11/21/2 007	04743493.1	United Kingdo m	Quantum Cryptography With Quantum Channel Check

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820962 83	Granted	7560726	2/11/20 03	7/14/20 09	10/364987	United States of Americ a	Quantum Information Processing Using Electromagnetically Induced Transparency
820962 92	Granted	4870549	2/11/20 04	11/25/2 011	2006-503439	Japan	Quantum Information Processing Using Electromagnetically Induced Transparency
820972 91	Granted	8230497	11/4/20 02	7/24/20 12	10/287125	United States of Americ a	A Method Of Identifying Software Vulnerabilities On A Computer System
820972 97	Granted	7353539	1/16/20 03	4/1/200 8	10/345701	United States of Americ a	SIGNAL LEVEL PROPAGATION MECHANISM FOR DISTRIBUTION OF A PAYLOAD TO VULNERABLE SYSTEMS
820975 22	Granted	8069450	1/26/20 04	11/29/2 011	10/765827	United States of Americ a	Computer Operating System Data Management
820975 25	Granted	2398656	1/21/20 04	6/14/20 06	0401194.6	United Kingdo m	Improvements In And Relating To Computer Operating System Data Management
820990 94	Granted	8806222	1/20/20 06	8/12/20 14	11/335824	United States of Americ a	Method And System For Contained Cryptographic Separation
820996 01	Granted	9398140	7/20/20 06	7/19/20 16	11/489433	United States of Americ a	CONTEXT- BASED EVENT PROCESSING

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82099604	Granted	602005014979.1	9/12/2005	6/17/2009	05300740.7	Germany (Federal Republic of)	Context-based Event Processing
82099607	Granted	1763260	9/12/2005	6/17/2009	05300740.7	United Kingdom	Context-based Event Processing
82100279	Granted	7483142	5/3/2006	1/27/2009	11/417614	United States of America	Security Systems And Monitoring Methods Using Quantum States
82101974	Granted	8392995	1/11/2005	3/5/2013	11/033182	United States of America	Network Management
82101977	Granted	2411313	2/21/2004	7/26/2006	0403931.9	United Kingdom	NETWORK CONNECTION CONTROL
82101980	Granted	7558216	2/1/2005	7/7/2009	11/048126	United States of America	Network Connection Control
82105547	Granted	7600261	3/26/2004	10/6/2009	10/810308	United States of America	Security Attributes In Trusted Computing Systems
82105556	Granted	7552328	3/26/2004	6/23/2009	10/810348	United States of America	SECURITY ATTRIBUTES OF NODES IN TRUSTED COMPUTING SYSTEMS
82105835	Granted	7574596	4/22/2004	8/11/2009	10/831549	United States of America	Cryptographic Method And Apparatus

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821058 41	Granted	60200400 1273.4	4/21/20 04	6/21/20 06	04252330.8	Germany (Federal Republic of)	Cryptographic Method And Apparatus
821058 44	Granted	1471680	4/21/20 04	6/21/20 06	04252330.8	France	Cryptographic Method And Apparatus
821058 47	Granted	1471680	4/21/20 04	6/21/20 06	04252330.8	United Kingdom	Cryptographic Method And Apparatus
821058 53	Granted	8670959	7/26/20 06	3/11/20 14	11/494292	United States of America	PROCESSING AND DISPLAY OF A REAL WORLD MODEL
821691 74	Granted	6989523	4/11/20 03	1/24/20 06	10/412019	United States of America	Photon Number Resolving Systems And Methods
821703 41	Granted	8261063	10/16/20 03	9/4/2012	10/688397	United States of America	Method And Apparatus For Managing A Hierarchy Of Nodes
821711 57	Granted	8023828	10/17/20 05	9/20/20 11	11/252964	United States of America	Quantum Information Conversion Between Matter And Light Representations
821711 66	Granted	5437634	7/21/20 06	12/20/20 013	2008-535519	Japan	Quantum Information Conversion Between Matter And Light Representations
821711 69	Granted	20068003 8674.4	7/21/20 06	1/16/20 13	20068003867 4.4	China	Quantum Information Conversion Between Matter And Light Representations

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821741 33	Granted	7449672	4/30/20 04	11/11/2 008	10/837129	United States of Americ a	CONVERSION OF QUANTUM INFORMATION FROM ONE PHOTONIC REPRESENTATIO N TO ANOTHER PHOTONIC REPRESENTATIO N
821741 48	Granted	20058001 3632.0	4/28/20 05	9/8/201 0	20058001363 2.0	China	Quantum Optical State Converter
821741 51	Granted	255977	4/28/20 05	4/11/20 13	4026/CHENP /2006	India	QUANTUM OPTICAL STATE CONVERTER
821741 69	Granted	7310623	12/12/2 003	12/18/2 007	10/734713	United States of Americ a	Games Using Pair- wise Entanglements
821754 83	Granted	7343059	10/11/2 003	3/11/20 08	10/684278	United States of Americ a	Photonic Interconnect System
821754 89	Granted	8447146	1/11/20 08	5/21/20 13	12/008605	United States of Americ a	Photonic Interconnect System
821754 95	Granted	7546004	1/11/20 08	6/9/200 9	12/008554	United States of Americ a	Photonic Interconnect System
821754 98	Granted	7657137	1/11/20 08	2/2/201 0	12/008618	United States of Americ a	Photonic Interconnect System
821755 04	Granted	2422022	10/6/20 04	8/22/20 07	0607194.8	United Kingdo m	Photonic Interconnect System

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821755 07	Granted	4447606	10/6/20 04	1/29/20 10	2006-534342	Japan	Photonic Interconnect System
821755 10	Granted	2436242	10/6/20 04	12/5/20 07	0710983.8	United Kingdo m	Photonic Interconnect System
821768 69	Granted	4635009	5/21/20 04	11/26/2 010	2006-530523	Japan	Use Of Certified Secrets In Communication
821768 72	Granted	8689000	5/21/20 04	4/1/201 4	10/557953	United States of Americ a	Use Of Certified Secrets In Communication
821775 17	Granted	2401012	4/22/20 04	7/6/200 5	0408892.8	United Kingdo m	Cryptographic Method And Apparatus
821775 23	Granted	2401014	4/22/20 04	9/14/20 05	0408903.3	United Kingdo m	Cryptographic Method And Apparatus
821775 26	Granted	7380138	4/22/20 04	5/27/20 08	10/831350	United States of Americ a	Cryptographic Method And Apparatus
821809 25	Granted	7002133	10/3/20 03	2/21/20 06	10/678437	United States of Americ a	DETECTING ONE OR MORE PHOTONS FROM THEIR INTERACTIONS WITH PROBE PHOTONS IN A MATTER SYSTEM
821814 89	Granted	7133173	7/26/20 04	11/7/20 06	10/899332	United States of Americ a	Nonlinear Electromagnetic Quantum Information Processing

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821814 98	Granted	4684294	6/28/20 05	2/18/20 11	2007-523571	Japan	Nonlinear Electromagnetic Quantum Information Processing
821815 01	Granted	20058002 4861.2	6/28/20 05	1/18/20 12	20058002486 1.2	China	Nonlinear Electromagnetic Quantum Information Processing
821870 45	Granted	7703124	3/31/20 05	4/20/20 10	11/094989	United States of Americ a	System And Method For Implementing A Private Virtual Backbone On A Common Network Infrastructure
821882 66	Granted	7702725	7/2/200 4	4/20/20 10	10/884092	United States of Americ a	Digital Object Repositories, Models, Protocol, Apparatus, Methods And Software And Data Structures, Relating Thereto
821886 32	Granted	7038188	4/29/20 04	5/2/200 6	10/836012	United States of Americ a	Non-demolition Photon Detector That Preserves Input State Characteristics
821886 41	Granted	4638486	4/28/20 05	12/3/20 10	2007-510972	Japan	Non-demolition Photon Detector That Preserves Input State Characteristics
821886 47	Granted	20058001 3328.6	4/28/20 05	9/14/20 11	20058001332 8.6	China	NON- DEMOLITION PHOTON DETECTOR THAT PRESERVES INPUT STATE CHARACTERISTI CS
821886 50	Granted	258709	4/28/20 05	1/31/20 14	4028/CHENP /2006	India	Non-demolition Photon Detector That Preserves Input State Characteristics

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821888 06	Granted	8984291	3/23/20 06	3/17/20 15	11/389336	United States of America	Access To A Computing Environment By Computing Devices
821890 25	Granted	7428562	11/26/2004	9/23/2008	10/998208	United States of America	Self-authenticating Quantum Random Number Generator
821890 37	Granted	7840902	10/26/2005	11/23/2010	11/260511	United States of America	METHOD AND AN APPARATUS FOR AUTOMATIC CREATION OF SECURE CONNECTIONS BETWEEN SEGMENTED RESOURCE FARMS IN A UTILITY COMPUTING ENVIRONMENT
821893 61	Granted	7876694	7/2/2004	1/25/2011	10/884468	United States of America	IDENTIFYING VPN FAULTS BASED ON VIRTUAL ROUTING ADDRESS AND EDGE INTERFACE RELATIONSHIP INFORMATION
821897 87	Granted	7643434	9/30/2004	1/5/2010	10/953281	United States of America	Method And System For Managing Network Nodes Which Communicate Via Connectivity Services Of A Service Provider
821906 57	Granted	7743321	10/28/2005	6/22/2010	11/260569	United States of America	METHOD AND APPARATUS FOR PROCESSING DATA

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821917 31	Granted	8589679	7/14/20 05	11/19/2 013	11/182527	United States of America	Identifier-based Signcryption With Two Trusted Authorities
821919 83	Granted	2412754	3/30/20 04	7/11/20 07	0407117.1	United Kingdom	Provision Of Resource Allocation Information
821919 86	Granted	7949753	3/16/20 05	5/24/20 11	11/081248	United States of America	Provision Of Resource Allocation Information
821924 30	Granted	7633928	3/27/20 06	12/15/2 009	11/389307	United States of America	COMMUNICATION DATA METHOD AND SYSTEM FOR VOICE APPLICATIONS EXECUTABLE BY USER EQUIPMENT.
821945 90	Granted	2415579	6/23/20 04	12/20/2 006	0414062.0	United Kingdom	Cryptographic Method And Apparatus
821945 93	Granted	7986778	6/23/20 05	7/26/20 11	11/166921	United States of America	Cryptographic Method And Apparatus
821963 99	Granted	9137113	1/20/20 06	9/15/20 15	11/335877	United States of America	System And Method For Dynamically Allocating Resources
821985 29	Granted	7801302	6/10/20 05	9/21/20 10	11/150623	United States of America	Cryptographic Method And Apparatus
821985 35	Granted	60200500 3984.8	6/6/200 5	12/26/2 007	05104894.0	Germany (Federal Republic of)	Cryptographic Method And Apparatus

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82198538	Granted	1605626	6/6/2005	12/26/2007	05104894.0	France	Cryptographic Method And Apparatus
82198541	Granted	1605626	6/6/2005	12/26/2007	05104894.0	United Kingdom	Cryptographic Method And Apparatus
82198856	Granted	7554080	7/13/2005	6/30/2009	11/632596	United States of America	ENTANGLEMENT PROCESSES AND SYSTEM
82200353	Granted	7962789	6/28/2006	6/14/2011	11/476259	United States of America	Method And Apparatus For Automated Testing Of A Utility Computing System
82200665	Granted	2419700	10/29/2004	3/31/2010	0424137.8	United Kingdom	Method For Indexing Data, Systems, Software And Apparatus Relating Thereto
82200668	Granted	8892564	10/28/2005	11/18/2014	11/261752	United States of America	INDEXING FOR DATA HAVING INDEXABLE AND NON-INDEXABLE PARENT NODES
82202228	Granted	2422218	1/14/2005	12/23/2009	0500716.6	United Kingdom	A Common User Repository With Data Linked By Trust Relationships
82202231	Granted	8291077	1/13/2006	10/16/2012	11/331858	United States of America	PROVISION OF SERVICES OVER A COMMON DELIVERY PLATFORM SUCH AS A MOBILE TELEPHONY NETWORK
82202867	Granted	2418326	9/17/2004	4/11/2007	0420664.5	United Kingdom	Network Virtualization

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82202873	Granted	8223770	8/3/2005	7/17/2012	11/575382	United States of America	Network Virtualization
82203494	Granted	8213429	8/3/2005	7/3/2012	11/575395	United States of America	Virtual Network Interface
82203677	Granted	2422217	1/14/2005	12/23/2009	0500715.8	United Kingdom	Use Of Common User Repository Identity In A Service Delivery Platform
82203680	Granted	8904000	1/13/2006	12/2/2014	11/331946	United States of America	Provision Of Services Over A Common Delivery Platform Such As A Mobile Telephony Network
82203719	Granted	8274912	8/3/2005	9/25/2012	11/575397	United States of America	Mapping Discovery For Virtual Network
82203842	Granted	8544002	10/28/2005	9/24/2013	11/718196	United States of America	Virtual Computing Infrastructure
82204028	Granted	7685125	10/6/2005	3/23/2010	11/664466	United States of America	Proving Relationships Between Data
82206668	Granted	9083748	12/14/2005	7/14/2015	11/302637	United States of America	Modelling Network To Assess Security Properties
82206743	Granted	9311367	3/30/2005	4/12/2016	11/096577	United States of America	Database Extension Structure

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822074 60	Granted	8832072	5/25/20 06	9/9/201 4	11/440118	United States of Americ a	Client And Method For Database
822082 16	Granted	8161558	4/25/20 06	4/17/20 12	11/411685	United States of Americ a	Network Management And Administration
822082 22	Granted	60200600 1680.8	4/27/20 06	7/9/200 8	06113237.9	German y (Federa l Republi c of)	Network Management And Administration
822082 28	Granted	1720315	4/27/20 06	7/9/200 8	06113237.9	United Kingdo m	Network Management And Administration
822092 39	Granted	2426841	6/4/200 5	7/14/20 10	0511438.4	United Kingdo m	Memory Controller
822092 42	Granted	7461216	2/23/20 06	12/2/20 08	11/359501	United States of Americ a	Memory Controller
822149 36	Granted	2428533	6/24/20 05	8/22/20 07	0512832.7	United Kingdo m	Determining Data Flows In A Network
822153 71	Granted	2431741	10/27/2 005	11/3/20 10	0521898.7	United Kingdo m	A METHOD OF DIGITALLY SIGNING DATA AND A DATA REPOSITORY STORING DIGITALLY SIGNED DATA
822153 74	Granted	8028163	7/26/20 06	9/27/20 11	11/493005	United States of Americ a	A METHOD OF DIGITALLY SIGNING DATA AND A DATA REPOSITORY STORING

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							DIGITALLY SIGNED DATA
82216499	Granted	8261332	7/8/2008	9/4/2012	12/169113	United States of America	ESTABLISHING A TRUST RELATIONSHIP BETWEEN COMPUTING ENTITIES
82216553	Granted	2431770	10/31/2005	9/21/2011	0522227.8	United Kingdom	Emulated Tape-based Storage Media
82216556	Granted	7519767	5/30/2006	4/14/2009	11/442128	United States of America	Emulated Tape-based Storage Media
82216997	Granted	2434888	2/2/2006	7/13/2011	0602020.0	United Kingdom	Restoring A Client Device
82217000	Granted	7694169	1/31/2007	4/6/2010	11/700126	United States of America	Restoring A Client Device
82217237	Granted	8396966	10/26/2005	3/12/2013	11/260514	United States of America	METHOD AND AN APPARATUS FOR CREATING VISUAL REPRESENTATIONS OF FARMS THAT ENABLES CONNECTING FARMS SECURELY
82217387	Granted	8135276	8/11/2006	3/13/2012	11/990421	United States of America	QUANTUM REPEATER

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822175 07	Granted	7836007	1/30/20 06	11/16/2 010	11/343639	United States of Americ a	Methods For Preparing Entangled Quantum States
822193 67	Granted	8842839	7/21/20 06	9/23/20 14	11/490853	United States of Americ a	Device With Multiple One-time Pads And Method Of Managing Such A Device
822193 73	Granted	8250363	7/21/20 06	8/21/20 12	11/490852	United States of Americ a	Method Of Provisioning Devices With One- time Pad Data, Device For Use In Such Method, And Service Usage Tracking Based On One-time Pad Data
822249 68	Granted	7769173	10/30/2 006	8/3/201 0	11/590493	United States of Americ a	Methods And Systems For Executing Bit- commitment Protocols That Are Based On Entangled Quantum States And A Third Party
822255 56	Granted	8095630	3/20/20 07	1/10/20 12	11/725715	United States of Americ a	Network Booting
822280 31	Granted	2446172	1/30/20 07	1/21/20 09	0701685.0	United Kingdo m	Control Of Data Transfer
822280 34	Granted	8650339	11/27/2 007	2/11/20 14	11/945458	United States of Americ a	Control Of Data Transfer
822295 88	Granted	8369247	1/29/20 08	2/5/201 3	12/449241	United States of Americ a	Method And System For Facilitating Multi- point Communications

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822295 91	Granted	20088000 3529.1	1/29/20 08	3/5/201 4	20088000352 9.1	China	Method And System For Facilitating Multi-point Communications
822297 65	Granted	8504018	1/29/20 08	8/6/201 3	12/449244	United States of America	Service Routing For Communication Systems
822297 80	Granted	8554244	1/29/20 08	10/8/20 13	12/449246	United States of America	CONFIGURATION OF MOBILE COMMUNICATION DEVICES
822297 83	Granted	20088000 3636.4	1/29/20 08	2/15/20 17	20088000363 6.4	China	CONFIGURATION OF MOBILE COMMUNICATION DEVICES
822304 73	Granted	20078010 1502.1	10/25/2 007	3/16/20 16	20078010150 2.1	China	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822304 76	Granted	11200700 3645.1	10/25/2 007	6/16/20 11	11200700364 5.1	Germany (Federal Republic of)	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822304 79	Granted	2466579	10/25/2 007	12/26/2 012	1000243.4	United Kingdom	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822304 82	Granted	9372941	10/25/2 007	6/21/20 16	12/671322	United States of America	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822307 79	Granted	7835900	4/27/20 07	11/16/2 010	11/741086	United States of America	Emulated Tape-based Storage Media

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82231175	Granted	8904341	4/30/2007	12/2/2014	11/741878	United States of America	DERIVING GROUNDED MODEL OF BUSINESS PROCESS SUITABLE FOR AUTOMATIC DEPLOYMENT
82231718	Granted	8689318	1/21/2008	4/1/2014	12/524563	United States of America	TRUSTED COMPUTING ENTITIES
82233002	Granted	8150851	10/27/2008	4/3/2012	12/258638	United States of America	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
82233290	Granted	200780101503.6	10/25/2007	6/12/2013	200780101503.6	China	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
82233293	Granted	2466581	10/25/2007	1/9/2013	1000248.3	United Kingdom	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
82233296	Granted	112007003678	10/25/2007	2/25/2016	112007003678.8-53	Germany (Federal Republic of)	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
82233305	Granted	8332404	10/24/2008	12/11/2012	12/257659	United States of America	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
82233311	Granted	200780101501.7	10/25/2007	4/26/2017	200780101501.7	China	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA

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822333 14	Granted	2466580	10/25/2 007	1/2/201 3	1000247.5	United Kingdo m	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822333 17	Granted	11200700 3693	10/25/2 007	5/15/20 14	11200700369 3.1	German y (Federa l Republi c of)	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822333 20	Granted	8838541	10/25/2 007	9/16/20 14	12/671334	United States of Americ a	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822333 26	Granted	8099573	10/22/2 008	1/17/20 12	12/256329	United States of Americ a	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822339 59	Granted	8140637	9/26/20 08	3/20/20 12	12/239263	United States of Americ a	DATA TRANSFER
822339 62	Granted	7984236	9/13/20 07	7/19/20 11	11/854731	United States of Americ a	DATA TRANSFER
822350 30	Granted	8032033	10/23/2 007	10/4/20 11	11/977369	United States of Americ a	Synchronous Optical Bus Providing Communication Between Computer System Components
822376 58	Granted	8161154	9/30/20 08	4/17/20 12	12/241435	United States of Americ a	Establishing A Thin Client Terminal Services Session

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82238456	Granted	10572188	10/1/2008	2/25/2020	12/243022	United States of America	Server-embedded Distributed Storage System
82238645	Granted	8522002	1/28/2008	8/27/2013	12/811198	United States of America	SYSTEMS AND METHODS FOR DEPLOYMENT OF BOOT IMAGES IN DISKLESS SERVERS
82238648	Granted	200880125785.8	1/28/2008	6/12/2013	200880125785.8	China	DEPLOYMENT OF BOOT IMAGES IN DISKLESS SERVERS
82238654	Granted	2467721	1/28/2008	6/12/2013	1010537.7	United Kingdom	DEPLOYMENT OF BOOT IMAGES IN DISKLESS SERVERS
82240115	Granted	8059443	10/23/2007	11/15/2011	11/975963	United States of America	Three-dimensional Memory Module Architectures
82240121	Granted	200880112836.3	10/23/2008	12/11/2013	200880112836.3	China	Three-dimensional Memory Module Architectures
82240127	Granted	5280455	10/23/2008	5/31/2013	2010-531048	Japan	Three-dimensional Memory Module Architectures
82240130	Granted	101574358	10/23/2008	11/27/2015	2010-7009034	Korea, Republic of (KR)	Three-dimensional Memory Module Architectures
82241186	Granted	8817787	1/28/2009	8/26/2014	12/361204	United States of America	Data Processing Method And System

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822423 17	Granted	8170214	10/1/20 08	5/1/201 2	12/286854	United States of Americ a	QKD Transmitter And Transmission Method
822424 13	Granted	20088011 3950.8	10/14/2 008	9/25/20 13	20088011395 0.8	China	QUANTUM KEY DISTRIBUTION SYSTEM USING LDPC CODES WITH A GRAPH HAVING A TOROID STRUCTURE
822424 22	Granted	8332730	10/14/2 008	12/11/2 012	12/740341	United States of Americ a	Quantum Key Distribution System Using LDPC Codes With A Graph Having A Toroid Structure
822425 42	Granted	20088012 9118.7	3/10/20 08	12/3/20 14	20088012911 8.7	China	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
822425 48	Granted	5160654	3/10/20 08	12/21/2 012	2010-550641	Japan	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
822425 51	Granted	10- 1388801	3/10/20 08	4/17/20 14	2010- 7022611	Korea, Republi c of (KR)	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
822425 54	Granted	8472802	3/10/20 08	6/25/20 13	12/921763	United States of Americ a	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same

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822425 69	Granted	0821180-9	3/11/20 08	1/22/20 19	PI0821180-9	Brazil	Optoelectronic Switches Using On- chip Optical Waveguides
822425 72	Granted	20088012 9150.5	3/11/20 08	3/27/20 13	20088012915 0.5	China	Optoelectronic Switches Using On- chip Optical Waveguides
822425 75	Granted	327540	3/11/20 08	12/17/2 019	6412/DELNP /2010	India	Optoelectronic Switches Using On- chip Optical Waveguides
822425 81	Granted	10- 1465293	3/11/20 08	11/19/2 014	2010- 7022707	Korea, Republi c of (KR)	Optoelectronic Switches Using On- chip Optical Waveguides
822425 84	Granted	8938139	3/11/20 08	1/20/20 15	12/921768	United States of Americ a	Optoelectronic Switches Using On- chip Optical Waveguides
822427 22	Granted	2458154	3/7/200 8	6/27/20 12	0804253.3	United Kingdo m	Routing Across A Virtual Network
822427 25	Granted	8370834	3/9/200 9	2/5/201 3	12/400491	United States of Americ a	Routing Across A Virtual Network
822427 28	Granted	2458157	3/7/200 8	4/25/20 12	0804259.0	United Kingdo m	Virtual Machine Liveness Check
822427 31	Granted	8627313	3/9/200 9	1/7/201 4	12/400510	United States of Americ a	Virtual Machine Liveness Check

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82243406	Granted	2459433	3/7/2008	6/6/2012	0804263.2	United Kingdom	Distributed Network Connection Policy Management
82243409	Granted	9178850	3/9/2009	11/3/2015	12/400526	United States of America	Distributed Network Connection Policy Management
82244522	Granted	2455496	10/31/2007	5/30/2012	0721310.1	United Kingdom	Error Detection Method And Apparatus
82244525	Granted	8205134	9/30/2008	6/19/2012	12/286492	United States of America	Error Detection Method And Apparatus
82245167	Granted	8677375	1/29/2009	3/18/2014	12/362202	United States of America	SELECTING EXECUTING REQUESTS TO PREEMPT
82245203	Granted	8156063	9/29/2008	4/10/2012	12/240593	United States of America	DECISION MAKING BASED ON CHANGES INPUT TO A DATABASE
82245221	Granted	8918670	10/29/2008	12/23/2014	12/260609	United States of America	Active Link Verification For Failover Operations In A Storage Network
82246904	Granted	9015204	7/15/2009	4/21/2015	12/503794	United States of America	ONBOARDING RESOURCES TO AN IDENTITY MANAGEMENT SYSTEM
82246922	Granted	8117343	10/28/2008	2/14/2012	12/260024	United States of America	Landmark Chunking Of Landmarkless Regions

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82247279	Granted	8316289	1/29/2009	11/20/2012	12/361669	United States of America	Updating Sequential Data
82247651	Granted	8127124	3/19/2009	2/28/2012	12/407642	United States of America	Remote Configuration Of Computing Platforms
82247897	Granted	2464966	10/31/2008	8/29/2012	0819995.2	United Kingdom	Policy Enforcement In Trusted Platforms
82248218	Granted	8448181	1/30/2009	5/21/2013	12/363581	United States of America	Sizing An Infrastructure Configuraton Optimized For A Workload Mix
82248221	Granted	8055493	1/30/2009	11/8/2011	12/363597	United States of America	Sizing An Infrastructure Configuration Optimized For A Workload Mix Using A Predictive Model
82248278	Granted	8312419	10/30/2008	11/13/2012	12/261324	United States of America	AUTOMATED LIFECYCLE MANAGEMENT OF A COMPUTER IMPLEMENTED SERVICE
82248629	Granted	9294296	1/30/2009	3/22/2016	12/363558	United States of America	AUTOMATED TEST EXECUTION IN A SHARED VIRTUALIZED RESOURCE POOL
82249151	Granted	9323473	1/9/2009	4/26/2016	12/351164	United States of America	Virtual Tape Library
82249265	Granted	2466071	12/15/2008	11/13/2013	0822726.6	United Kingdom	Associating A Signing Key With A Software Component Of A Computing Platform

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82249268	Granted	9361462	12/15/2009	6/7/2016	12/638726	United States of America	Associating A Signing Key With A Software Component Of A Computing Platform
82249481	Granted	7977622	2/9/2009	7/12/2011	12/322896	United States of America	TUNING AN OPTICAL RESONATOR USING A FEEDBACK SIGNAL REPRESENTING AN AVERAGE DC BALANCED CODING
82249754	Granted	8655827	10/29/2009	2/18/2014	12/608878	United States of America	QUESTIONNAIRE GENERATION
82249826	Granted	9559842	9/30/2008	1/31/2017	12/242104	United States of America	Trusted Key Management For Virtualized Platforms
82249871	Granted	GB2466178	12/5/2008	10/10/2012	0822213.5	United Kingdom	Data Centre And Apparatus And Method For Data Centre Cooling
82250192	Granted	2470081	6/30/2009	7/29/2015	0911271.5	United Kingdom	Quantum Repeater And System And Method For Creating Extended Entanglements
82250405	Granted	7979491	3/27/2009	7/12/2011	12/412821	United States of America	Producing Chunks From Input Data Using A Plurality Of Processing Elements
82251140	Granted	8566519	7/9/2010	10/22/2013	12/833594	United States of America	Providing Preferred Seed Data For Seeding A Data Deduplicating Storage System

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822514 19	Granted	9026803	11/30/2009	5/5/2015	12/627500	United States of America	Computing Entities, Platforms And Methods Operable To Perform Operations Selectively Using Different Cryptographic Algorithms
822554 99	Granted	8285578	1/21/2004	10/9/2012	10/763072	United States of America	Managing Information Technology (IT) Infrastructure Of An Enterprise Using A Centralized Logistics And Management (CLAM) Tool
822572 12	Granted	8255904	12/8/2006	8/28/2012	11/635906	United States of America	SYSTEM AND METHOD FOR GENERATING A DISTRIBUTABLE SOFTWARE PACKAGE
822583 25	Granted	8427980	7/21/2010	4/23/2013	12/841039	United States of America	Methods And Apparatus To Determine And Implement Multidimensional Network Topologies
822583 46	Granted	8130754	7/10/2009	3/6/2012	12/501000	United States of America	ON-CHIP AND CHIP-TO-CHIP ROUTING USING A PROCESSOR ELEMENT/ROUTER COMBINATION
822583 64	Granted	8537677	10/13/2009	9/17/2013	12/577972	United States of America	Incremental Adaptive Packet Routing In A Multi-dimensional Network
822599 33	Granted	9740704	1/28/2010	8/22/2017	12/695261	United States of America	Method And Apparatus For Random Access Of Data Stored In A Sequential Manner

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822599 42	Granted	8660994	1/28/20 10	2/25/20 14	12/695285	United States of America	Selective Data Deduplication
822599 51	Granted	8589475	1/28/20 10	11/19/20 013	12/695622	United States of America	MODELING A CLOUD COMPUTING SYSTEM
822613 55	Granted	8499131	4/13/20 10	7/30/20 13	12/759174	United States of America	Capping A Number Of Locations Referred To By Chunk References
822613 58	Granted	8782368	5/11/20 10	7/15/20 14	12/777478	United States of America	Storing Chunks In Containers
822616 52	Granted	2481807	7/6/201 0	3/25/20 15	1011319.9	United Kingdom	Protecting File Entities In A Networked System
822624 83	Granted	8812400	7/9/201 0	8/19/20 14	12/833438	United States of America	Managing A Memory Segment Using A Memory Virtual Appliance
822625 91	Granted	8705972	5/11/20 10	4/22/20 14	12/777500	United States of America	ENERGY-EFFICIENT AND FAULT-TOLERANT RESONATOR-BASED MODULATION AND WAVELENGTH DIVISION MULTIPLEXING SYSTEMS
822626 39	Granted	8391717	5/24/20 10	3/5/201 3	12/785962	United States of America	Flow-control Methods And Systems For Multibus Systems

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82263707	Granted	8850593	5/12/2011	9/30/2014	13/106719	United States of America	DATA MANAGEMENT
82263722	Granted	9558103	8/25/2011	1/31/2017	13/217892	United States of America	SYSTEM AND METHOD TO INDICATE CODE BLOCK EXECUTION
82264613	Granted	9009724	9/24/2010	4/14/2015	12/889727	United States of America	Load Balancing Data Access In Virtualized Storage Nodes
82265399	Granted	9639540	2/25/2011	5/2/2017	13/034900	United States of America	Retention Management in a WORM Storage System
82274603	Granted	7818564	5/3/2005	10/19/2010	11/121231	United States of America	DECIPHERING OF FRAGMENTED ENCIIPHERED DATA PACKETS
82274615	Granted	8331404	10/25/2007	12/11/2012	11/923869	United States of America	Signature Checking Using Deterministic Finite State Machines
82275785	Granted	8519803	10/29/2010	8/27/2013	12/915598	United States of America	RESONATOR SYSTEMS AND METHODS FOR TUNING RESONATOR SYSTEMS
82276151	Granted	8397302	10/29/2010	3/12/2013	12/916265	United States of America	SYSTEM AND METHOD FOR ANALYZING A PROCESS
82276154	Granted	9607155	10/29/2010	3/28/2017	12/916277	United States of America	METHOD AND SYSTEM FOR ANALYZING AN ENVIRONMENT

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822764 54	Granted	2399906	2/26/20 04	10/4/20 06	0404218.0	United Kingdo m	Method And System For Delegating Authority And Access Control Methods Based On Delegated Authority
822764 57	Granted	7516321	3/8/200 4	4/7/200 9	10/797715	United States of Americ a	Method, System And Device For Enabling Delegation Of Authority And Access Control Methods Based On Delegated Authority
822764 90	Granted	7650498	4/14/20 04	1/19/20 10	10/825596	United States of Americ a	SECURE DATA PROVISION METHOD AND APPARATUS AND DATA RECOVERY METHOD AND SYSTEM
822766 19	Granted	7835724	9/9/200 3	11/16/2 010	10/657237	United States of Americ a	METHOD AND APPARATUS FOR AUTHENTICATIN G SERVICE TO A WIRELESS COMMUNICATIO NS DEVICE
822769 22	Granted	2389479	6/7/200 2	12/28/2 005	0213072.2	United Kingdo m	METHOD OF SERVING OUT VIDEO OVER A NETWORK OF VIDEO SERVERS
822769 25	Granted	7441261	6/6/200 3	10/21/2 008	10/455405	United States of Americ a	VIDEO SYSTEM VARYING OVERALL CAPACITY OF NETWORK OF VIDEO SERVERS FOR SERVING SPECIFIC VIDEO
822770 90	Granted	7143316	4/8/200 3	11/28/2 006	10/409239	United States of Americ a	Fault Diagnosis In A Network

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822771 29	Granted	60316861. 2	3/28/20 03	10/17/2 007	03251967.0	German y (Federa l Republi c of)	Method And Apparatus For Encrypting/decrypti ng Data
822771 35	Granted	1355445	3/28/20 03	10/17/2 007	03251967.0	United Kingdo m	Method And Apparatus For Encrypting/decrypti ng Data
822771 95	Granted	7650494	7/2/200 3	1/19/20 10	10/613522	United States of Americ a	Method And Apparatus For Use In Relation To Verifying An Association Between Two Parties
822772 04	Granted	2401763	7/4/200 3	8/10/20 05	0417136.9	United Kingdo m	Trusted Authority For Identifier-Based Cryptography
822772 07	Granted	60326027. 6	7/1/200 3	1/28/20 09	03254190.6	German y (Federa l Republi c of)	Authentication Method And Apparatus Using Pairing Functions For The Elliptic Curves Based Cryptosystems
822772 10	Granted	1378821	7/1/200 3	1/28/20 09	03254190.6	France	Authentication Method And Apparatus Using Pairing Functions For The Elliptic Curves Based Cryptosystems
822773 66	Granted	2401959	5/23/20 03	2/22/20 06	0311874.2	United Kingdo m	Data Log For Peer- to-peer Network
824055 45	Granted	11200800 3858	5/9/200 8	11/21/2 019	11200800385 8.9-51	German y (Federa l Republi c of)	Proximity Free Space Optical Interconnect

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824055 47	Granted	5118771	5/9/200 8	10/26/2 012	2011-508457	Japan	Proximity Free Space Optical Interconnect
824055 49	Granted	10- 1394844	5/9/200 8	5/7/201 4	2010- 7027654	Korea, Republi c of (KR)	Proximity Free Space Optical Interconnect
824055 51	Granted	8571366	5/9/200 8	10/29/2 013	12/991644	United States of Americ a	PROXIMITY FREE SPACE OPTICAL INTERCONNECT
826203 94	Granted	8774625	8/8/200 8	7/8/201 4	13/058024	United States of Americ a	Method And Systems For Implementing High-radix Switch Topologies On Relatively Lower- radix Switch Physical Networks
826541 71	Granted	8166171	3/26/20 05	4/24/20 12	13/045216	United States of Americ a	Provision Of Resource Allocation Information
826544 35	Granted	1451143	5/18/20 11	9/1/201 4	100117350	Taiwan	Optical Interconnect Fabrics And Optical Switches
826622 44	Granted	8667236	9/29/20 10	3/4/201 4	12/893335	United States of Americ a	HOST BASED WRITE ORDERING FOR ASYNCHRONOU S REPLICATION
826631 98	Granted	2490483	4/26/20 11	5/29/20 19	1106932.5	United Kingdo m	Digital Signature Method And System
826753 35	Granted	20093216 37	11/13/2 009	11/7/20 13	2009321637	Australi a	Data Centre And Apparatus And Method For Data Centre Cooling

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826753 37	Granted	0916505-3	11/13/2 009	1/22/20 19	PI0916505-3	Brazil	Data Centre And Apparatus And Method For Data Centre Cooling
826753 39	Granted	20098014 8656.5	11/13/2 009	1/22/20 14	20098014865 6.5	China	Data Centre And Apparatus And Method For Data Centre Cooling
826753 43	Granted	326786	11/13/2 009	12/4/20 19	2293/CHENP /2011	India	Data Centre And Apparatus And Method For Data Centre Cooling
826753 45	Granted	10- 1564480	11/13/2 009	10/23/2 015	2011- 7012823	Korea, Republi c of (KR)	Data Centre And Apparatus And Method For Data Centre Cooling
826753 47	Granted	8634963	11/13/2 009	1/21/20 14	13/132866	United States of Americ a	Data Centre And Apparatus And Method For Data Centre Cooling
826892 11	Granted	8589648	7/7/201 1	11/19/2 013	13/177693	United States of Americ a	PERFORMING A COPY OPERATION ON A REPLICATED VIRTUAL CARTRIDGE
826920 31	Granted	20088013 1782.5	10/31/2 008	7/15/20 15	20088013178 2.5	China	Prioritized Optical Arbitration Systems And Methods
826920 35	Granted	5324660	10/31/2 008	7/26/20 13	2011-534463	Japan	Prioritized Optical Arbitration Systems And Methods
826920 37	Granted	10- 1444514	10/31/2 008	9/18/20 14	2011- 7009758	Korea, Republi c of (KR)	Prioritized Optical Arbitration Systems And Methods

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82692039	Granted	8938169	10/31/2008	1/20/2015	13/126747	United States of America	Prioritized Optical Arbitration Systems And Methods
82738930	Granted	602008005935.9	10/14/2008	3/30/2011	08806753.3	Germany (Federal Republic of)	Data Processing Arrangements For Use In Data Communication Apparatus In Connection With Error Correction
82738932	Granted	2227862	10/14/2008	3/30/2011	08806753.3	United Kingdom	Data Processing Arrangements For Use In Data Communication Apparatus In Connection With Error Correction
82753492	Granted	8769609	7/5/2011	7/1/2014	13/176581	United States of America	Protecting File Entities
82757135	Granted	8589200	6/28/2011	11/19/2013	13/171145	United States of America	MANAGING AN INFORMATION TECHNOLOGY SYSTEM
82806460	Granted	8660390	1/27/2009	2/25/2014	13/146473	United States of America	REDUNDANT RING RESONATORS OF VARYING DIMENSIONS TO REDUCE RING RESONATOR TUNING REQUIREMENTS
82837268	Granted	8868910	2/9/2012	10/21/2014	13/370190	United States of America	ELLIPTIC CURVE CRYPTOGRAPHIC SIGNATURE
82852202	Granted	8705911	5/6/2009	4/22/2014	13/258425	United States of America	BUS-BASED SCALABLE OPTICAL FABRICS

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828529 57	Granted	8485738	7/31/20 09	7/16/20 13	13/258599	United States of Americ a	Optical Fiber Connector
828530 19	Granted	9165034	10/15/2 009	10/20/2 015	13/259498	United States of Americ a	HETEROGENEOU S DATA SOURCE MANAGEMENT
828530 44	Granted	9264226	10/26/2 009	2/16/20 16	13/387111	United States of Americ a	Method And Apparatus For Selectively Routing Entanglement Building
828539 76	Granted	8774638	7/31/20 09	7/8/201 4	13/260095	United States of Americ a	PHOTONIC QUANTUM SYSTEM ALIGNMENT USING MULTIPLE BEAMS
828613 08	Granted	1467258	10/7/20 11	1/1/201 5	100136479	Taiwan	ELECTRONIC SYSTEM AND METHOD FOR IMPLEMENTING THE SAME
828632 17	Granted	9053577	10/27/2 011	6/9/201 5	13/282564	United States of Americ a	REFLECTING VALUES FOR A METRIC IN A DISPLAY
829016 61	Granted	9098325	2/28/20 12	8/4/201 5	13/407050	United States of Americ a	PERSISTENT VOLUME AT AN OFFSET OF A VIRTUAL BLOCK DEVICE OF A STORAGE SERVER
829016 65	Granted	9158568	1/30/20 12	10/13/2 015	13/360956	United States of Americ a	INPUT/OUTPUT OPERATIONS AT A VIRTUAL BLOCK DEVICE OF A STORAGE SERVER
829141 93	Granted	1467254	1/11/20 12	1/1/201 5	101101088	Taiwan	COMPOSITE PROCESSORS

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829259 97	Granted	20098016 0706.1	7/31/20 09	6/3/201 5	20098016070 6.1	China	PHOTONIC QUANTUM SYSTEM ALIGNMENT USING MULTIPLE BEAMS
829304 94	Granted	20098016 1291.X	12/21/2 009	4/9/201 4	20098016129 1.X	China	CIRCUIT SWITCHED OPTICAL INTERCONNECTI ON FABRIC
829304 98	Granted	8885991	12/21/2 009	11/11/2 014	13/384878	United States of Americ a	CIRCUIT SWITCHED OPTICAL INTERCONNECTI ON FABRIC
829340 43	Granted	8370610	2/24/20 12	2/5/201 3	13/405098	United States of Americ a	Remote Configuration Of Computing Platforms
829397 28	Granted	8654980	1/28/20 11	2/18/20 14	13/387361	United States of Americ a	QUANTUM KEY DISTRIBUTION METHOD AND APPARATUS
829440 92	Granted	9665434	2/7/201 2	5/30/20 17	13/367567	United States of Americ a	COMMUNICATIN G CHUNKS BETWEEN DEVICES
829774 51	Granted	60243457. 2	6/12/20 02	8/8/201 2	02254078.5	German y (Federa l Republi c of)	Performing Secure And Insecure Computing Operations In A Compartmented Operating System
829863 35	Granted	8930704	4/10/20 12	1/6/201 5	13/443285	United States of Americ a	Digital Signature Method And System
830342 68	Granted	20108006 6907.8	5/20/20 10	12/2/20 15	20108006690 7.8	China	SWITCHING IN A NETWORK DEVICE

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83034272	Granted	8942559	5/20/2010	1/27/2015	13/696631	United States of America	SWITCHING IN A NETWORK DEVICE
83037312	Granted	8725749	7/24/2012	5/13/2014	13/556684	United States of America	MATCHING REGULAR EXPRESSIONS INCLUDING WORD BOUNDARY SYMBOLS
83038174	Granted	9015433	7/31/2012	4/21/2015	13/563223	United States of America	RESILIENCY WITH A DESTINATION VOLUME IN A REPLICATION ENVIRONMENT
83093244	Granted	8990900	6/23/2010	3/24/2015	13/805160	United States of America	Authorization Control
83105756	Granted	9792182	1/31/2013	10/17/2017	13/755664	United States of America	CHECKPOINT GENERATION
83105762	Granted	9575542	1/31/2013	2/21/2017	13/755527	United States of America	Computer Power Management
83114223	Granted	201080067520.4	10/8/2010	4/20/2016	201080067520.4	China	DATA DEDUPLICATION
83114227	Granted	8799238	10/8/2010	8/5/2014	13/634757	United States of America	DATA DEDUPLICATION
83128778	Granted	8665911	11/2/2012	3/4/2014	13/668001	United States of America	Signature checking using deterministic finite state machines

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83135097	Granted	201180047258.1	9/28/2011	6/29/2016	201180047258.1	China	HOST BASED WRITE ORDERING FOR ASYNCHRONOUS REPLICATION
83135703	Granted	9354412	5/19/2010	5/31/2016	13/697760	United States of America	OPTICAL INTERCONNECT FABRICS AND OPTICAL SWITCHES
83140976	Granted	8943353	1/31/2013	1/27/2015	13/756155	United States of America	ASSIGNING NODES TO JOBS BASED ON RELIABILITY FACTORS
83146743	Granted	2352953	11/13/2009	1/2/2013	09775127.5	France	Data Centre And Apparatus And Method For Data Centre Cooling
83146745	Granted	602009012528.1	11/13/2009	1/2/2013	09775127.5	Germany (Federal Republic of)	Data Centre And Apparatus And Method For Data Centre Cooling
83146747	Granted	2352953	11/13/2009	1/2/2013	09775127.5	United Kingdom	Data Centre And Apparatus And Method For Data Centre Cooling
83167015	Granted	1559041	1/28/2013	11/21/2016	102103081	Taiwan	HYBRID ELECTRO-OPTICAL PACKAGE FOR AN OPTO-ELECTRONIC ENGINE
83200410	Granted	9166893	9/23/2010	10/20/2015	13/818850	United States of America	METHODS, APPARATUS AND SYSTEMS FOR MONITORING LOCATIONS OF DATA WITHIN A NETWORK SERVICE

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83205302	Granted	9514150	4/19/2013	12/6/2016	13/866732	United States of America	AUTOMATIC WORM-RETENTION STATE TRANSITIONS
83223392	Granted	602008023941.1	10/23/2008	4/17/2013	08842157.3	Germany (Federal Republic of)	Three-dimensional Memory Module Architectures
83223394	Granted	2212887	10/23/2008	4/17/2013	08842157.3	United Kingdom	Three-dimensional Memory Module Architectures
83225186	Granted	201080070325.7	10/8/2010	3/11/2015	201080070325.7	China	ELECTRONIC SYSTEM HAVING FANOUT OPTICAL BUSES
83225190	Granted	9014567	10/8/2010	4/21/2015	13/877641	United States of America	ELECTRONIC SYSTEM HAVING FANOUT OPTICAL BUSES
83235825	Granted	5690411	10/27/2010	2/6/2015	2013-536572	Japan	RECEIVERS AND TRANSCEIVERS FOR OPTICAL MULTIBUS SYSTEMS
83235828	Granted	9178642	10/27/2010	11/3/2015	13/881004	United States of America	RECEIVERS AND TRANSCEIVERS FOR OPTICAL MULTIBUS SYSTEMS
83241900	Granted	9064129	4/7/2011	6/23/2015	13/882692	United States of America	Managing Data
83254989	Granted	8805189	5/20/2013	8/12/2014	13/898111	United States of America	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same

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83422018	Granted	201180064918.7	1/20/2011	11/25/2015	201180064918.7	China	COMPOSITE PROCESSORS
83422024	Granted	8929694	1/20/2011	1/6/2015	13/978039	United States of America	COMPOSITE PROCESSORS
83505261	Granted	8755656	8/7/2013	6/17/2014	13/961171	United States of America	PROXIMITY FREE SPACE OPTICAL INTERCONNECT
83721272	Granted	201180071448.7	6/7/2011	4/12/2017	201180071448.7	China	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR VIRTUALIZED DATACENTERS
83721282	Granted	9304798	6/7/2011	4/5/2016	14/122164	United States of America	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR VIRTUALIZED DATACENTERS
83728685	Granted	5990264	6/16/2011	8/19/2016	2014-514445	Japan	System and Method for Policy Generation
83728691	Granted	10536483	6/16/2011	1/14/2020	14/118847	United States of America	System and Method for Policy Generation
83766395	Granted	9203621	7/11/2011	12/1/2015	14/125685	United States of America	POLICY-BASED DATA MANAGEMENT
83776065	Granted	5710075	7/29/2011	3/13/2015	2014-522804	Japan	CREDENTIAL VALIDATION

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837760 77	Granted	9268968	7/29/20 11	2/23/20 16	14/234334	United States of America	CREDENTIAL VALIDATION
838357 21	Granted	2126770	1/21/20 08	3/19/20 14	08702121.8	France	TRUSTED COMPUTING ENTITIES
838357 23	Granted	60200803 0950.9	1/21/20 08	3/19/20 14	08702121.8	Germany (Federal Republic of)	TRUSTED COMPUTING ENTITIES
838357 25	Granted	2126770	1/21/20 08	3/19/20 14	08702121.8	United Kingdom	TRUSTED COMPUTING ENTITIES
839599 00	Granted	9335500	1/31/20 12	5/10/20 16	14/365294	United States of America	HYBRID ELECTRO-OPTICAL PACKAGE FOR AN OPTO-ELECTRONIC ENGINE
839697 56	Granted	9514290	3/30/20 12	12/6/20 16	14/371665	United States of America	AUTHORIZATION CACHE
839727 98	Granted	20128006 8663.6	2/2/201 2	5/10/20 17	20128006866 3.6	China	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION
839728 08	Granted	9672218	2/2/201 2	6/6/201 7	14/364440	United States of America	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION
839731 17	Granted	9824131	3/15/20 12	11/21/2 017	14/373848	United States of America	REGULATING A REPLICATION OPERATION

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839731 22	Granted	20128006 8688.6	4/24/20 12	8/2/201 9	20128006868 8.6	China	Determining A Schedule For A Job To Replicate An Object Stored On A Storage Appliance
839843 50	Granted	20128006 8732.3	4/12/20 12	10/20/2 017	20128006873 2.3	China	RECONFIGURATI ON OF AN OPTICAL CONNECTION INFRASTRUCTU RE
839883 62	Granted	9614728	4/24/20 12	4/4/201 7	14/374804	United States of Americ a	IDENTIFYING NETWORK COMMUNICATIO N PATTERNS
839927 93	Granted	9336194	3/13/20 12	5/10/20 16	14/374797	United States of Americ a	Submatch Extraction
840197 74	Granted	10020998	4/27/20 12	7/10/20 18	14/387985	United States of Americ a	DATA CENTER SERVICE ORIENTED NETWORKING
840288 35	Granted	9430157	2/29/20 12	8/30/20 16	14/381291	United States of Americ a	Continuous Recording Multichannel Disk- based Data Logging
840573 42	Granted	9294867	10/31/2 014	3/22/20 16	14/530331	United States of Americ a	PROVISION OF SERVICES OVER A COMMON DELIVERY PLATFORM SUCH AS A MOBILE TELEPHONY NETWORK
840763 34	Granted	9596302	7/20/20 12	3/14/20 17	14/394544	United States of Americ a	MIGRATING APPLICATIONS BETWEEN NETWORKS
841157 81	Granted	9794019	12/11/2 014	10/17/2 017	14/567513	United States of Americ a	PRIORITIZED OPTICAL ARBITRATION SYSTEMS AND METHODS

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841247 41	Granted	20138006 2446.0	1/30/20 13	8/7/201 8	20138006244 6.0	China	FAILOVER IN RESPONSE TO FAILURE OF A PORT
841247 49	Granted	9830239	1/30/20 13	11/28/2 017	14/438624	United States of Americ a	FAILOVER IN RESPONSE TO FAILURE OF A PORT
841413 39	Granted	10204008	12/21/2 012	2/12/20 19	14/433675	United States of Americ a	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
841899 79	Granted	9710658	3/6/201 5	7/18/20 17	14/640730	United States of Americ a	Computing Entities, Platforms And Methods Operable To Perform Operations Selectively Using Different Cryptographic Algorithms
841915 46	Granted	28789910 001	11/27/2 015	1/14/20 16	002878991	Europe an Union	RDX MicroServer Module
842230 68	Granted	20151038 4886.9	6/30/20 15	12/3/20 19	20151038488 6.9	China	MANAGEMENT OF CRYPTOGRAPHI C KEYS
842230 76	Granted	2531848	6/11/20 15	12/13/2 017	1510175.1	United Kingdo m	MANAGEMENT OF CRYPTOGRAPHI C KEYS
842230 80	Granted	10027481	6/30/20 15	7/17/20 18	14/755125	United States of Americ a	MANAGEMENT OF CRYPTOGRAPHI C KEYS
842516 94	Granted	2143259	1/29/20 08	5/27/20 15	08708351.5	France	Method And System For Facilitating Multi- point Communications

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842516 96	Granted	60200803 8318.0	1/29/20 08	5/27/20 15	08708351.5	German y (Federa l Republi c of)	Method And System For Facilitating Multi- point Communications
842516 98	Granted	2143259	1/29/20 08	5/27/20 15	08708351.5	United Kingdo m	Method And System For Facilitating Multi- point Communications
842567 99	Granted	9223609	6/3/201 5	12/29/2 015	14/729453	United States of Americ a	INPUT/OUTPUT OPERATIONS AT A VIRTUAL BLOCK DEVICE OF A STORAGE SERVER
900227 69	Granted	9832550	1/31/20 13	11/28/2 017	14/764960	United States of Americ a	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH
900370 30	Granted	10686817	9/21/20 15	6/16/20 20	15/754282	United States of Americ a	IDENTIFICATION OF A DNS PACKET AS MALICIOUS BASED ON A VALUE
900464 08	Granted	10165009	9/11/20 15	12/25/2 018	14/852052	United States of Americ a	Distributed Network Connection Policy Management
900483 12	Granted	10452567	4/29/20 13	10/22/2 019	14/785749	United States of Americ a	NON-VOLATILE MEMORY TO STORE RESETTABLE DATA
900643 52	Granted	1616081	10/7/20 15	2/21/20 18	104133049	Taiwan	ADMISSIONS CONTROL OF A DEVICE
900750 01	Granted	9628516	10/21/2 015	4/18/20 17	14/919258	United States of Americ a	POLICY-BASED DATA MANAGEMENT

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900864 53	Granted	20138007 6635.3	5/16/20 13	12/3/20 19	20138007663 5.3	China	SELECTING A STORE FOR DEDUPLICATED DATA
900864 61	Granted	10592347	5/16/20 13	3/17/20 20	14/787086	United States of Americ a	SELECTING A STORE FOR DEDUPLICATED DATA
900864 90	Granted	20138007 6634.9	5/16/20 13	11/8/20 19	20138007663 4.9	China	SELECTING A STORE FOR DEDUPLICATED DATA
900864 98	Granted	10496490	5/16/20 13	12/3/20 19	14/787763	United States of Americ a	SELECTING A STORE FOR DEDUPLICATED DATA
900880 29	Granted	20138007 6636.8	5/16/20 13	1/8/201 9	20138007663 6.8	China	REPORTING DEGRADED STATE OF DATA RETRIEVED FOR DISTRIBUTED OBJECT
900880 37	Granted	10296490	5/16/20 13	5/21/20 19	14/888089	United States of Americ a	REPORTING DEGRADED STATE OF DATA RETRIEVED FOR DISTRIBUTED OBJECT
900930 13	Granted	9798888	7/30/20 13	10/24/2 017	14/787835	United States of Americ a	DATA MANAGEMENT
901396 52	Granted	9853816	1/14/20 16	12/26/2 017	14/995917	United States of Americ a	CREDENTIAL VALIDATION
901412 42	Granted	20138007 8505.3	7/26/20 13	3/29/20 19	20138007850 5.3	China	DATA VIEW BASED ON CONTEXT

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90141250	Granted	10027632	7/26/2013	7/17/2018	14/905422	United States of America	DATA VIEW BASED ON CONTEXT
90154091	Granted	9507012	7/31/2013	11/29/2016	14/908704	United States of America	DETERMINING THE POSITION OF A MOBILE DEVICE WITHIN A STRUCTURE
90157637	Granted	9871749	8/9/2013	1/16/2018	14/911081	United States of America	SWITCH ASSEMBLY
90157648	Granted	6235140	8/9/2013	11/2/2017	2016-533283	Japan	SWITCH ASSEMBLY
90163361	Granted	10142109	8/16/2016	11/27/2018	15/238562	United States of America	Instantiating Containers
90164283	Granted	10489354	7/29/2016	11/26/2019	15/224236	United States of America	STORAGE SYSTEMS FOR CONTAINERS
90177274	Granted	201380080310.2	10/29/2013	12/21/2018	201380080310.2	China	VIRTUAL MACHINE INTROSPECTION
90177282	Granted	10089474	10/29/2013	10/2/2018	15/021032	United States of America	VIRTUAL MACHINE INTROSPECTION
90177301	Granted	201380080188.9	10/31/2013	11/13/2018	201380080188.9	China	MEMORY INTEGRITY CHECKING

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901773 11	Granted	10089498	10/31/2013	10/2/2018	15/021022	United States of America	MEMORY INTEGRITY CHECKING
901773 27	Granted	10242042	10/31/2013	3/26/2019	15/021040	United States of America	COPY-ON-WRITE UPDATE-TRIGGERED CONSISTENCY
901773 62	Granted	9690506	3/18/2016	6/27/2017	15/074087	United States of America	Virtual Tape Library
901993 18	Granted	10367702	10/31/2013	7/30/2019	15/032727	United States of America	NETWORK DATABASE HOSTING
902138 02	Granted	10372909	8/19/2016	8/6/2019	15/241502	United States of America	DETERMINING WHETHER PROCESS IS INFECTED WITH MALWARE
902146 51	Granted	10389693	8/23/2016	8/20/2019	15/244774	United States of America	KEYS FOR ENCRYPTED DISK PARTITIONS
902148 17	Granted	10242195	7/22/2016	3/26/2019	15/217583	United States of America	INTEGRITY VALUES FOR BEGINNING BOOTING INSTRUCTIONS
902161 46	Granted	10324722	6/24/2016	6/18/2019	15/192742	United States of America	GLOBAL CAPABILITIES TRANSFERRABLE ACROSS NODE BOUNDARIES
902199 34	Granted	10261919	7/8/2016	4/16/2019	15/205326	United States of America	SELECTIVE MEMORY ENCRYPTION

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902199 40	Granted	10310990	6/24/20 16	6/4/201 9	15/192493	United States of Americ a	DIRECT MEMORY ACCESS ENCRYPTION WITH APPLICATION PROVIDED KEYS
902236 41	Granted	10671668	7/11/20 16	6/2/202 0	15/206637	United States of Americ a	INFERRING GRAPH TOPOLOGIES
902260 74	Granted	10365974	9/16/20 16	7/30/20 19	15/267899	United States of Americ a	ACQUISITION OF OBJECT NAMES FOR PORTION INDEX OBJECTS
902356 86	Granted	10461926	8/31/20 16	10/29/2 019	15/252392	United States of Americ a	CRYPTOGRAPHI C EVIDENCE OF PERSISTED CAPABILITIES
902361 15	Granted	10228995	7/28/20 16	3/12/20 19	15/221728	United States of Americ a	LAST WRITERS OF DATASETS IN STORAGE ARRAY ERRORS
902392 07	Granted	10680848	1/29/20 14	6/9/202 0	15/113892	United States of Americ a	MANAGING A NUMBER OF ETHERNET LINKS
902416 31	Granted	10567221	5/15/20 14	2/18/20 20	15/116674	United States of Americ a	NETWORK SCHEDULING
902417 60	Granted	10291416	5/15/20 14	5/14/20 19	15/117226	United States of Americ a	NETWORK TRAFFIC TUNING
902418 21	Granted	10140194	3/20/20 14	11/27/2 018	15/114900	United States of Americ a	STORAGE SYSTEM TRANSACTIONS

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902419 46	Granted	10374807	4/4/201 4	8/6/201 9	15/114921	United States of Americ a	STORING AND RETRIEVING CIPHERTEXT IN DATA STORAGE
902422 24	Granted	10193892	3/14/20 14	1/29/20 19	15/116851	United States of Americ a	RESOURCE RESTRICTION
902474 40	Granted	2909955	10/26/2 009	7/13/20 16	09748459.6	France	Method And Apparatus For Selectively Routing Entanglement Building
902474 42	Granted	60200903 9713.3	10/26/2 009	7/13/20 16	09748459.6	German y (Federa l Republi c of)	Method And Apparatus For Selectively Routing Entanglement Building
902474 44	Granted	2909955	10/26/2 009	7/13/20 16	09748459.6	United Kingdo m	Method And Apparatus For Selectively Routing Entanglement Building
902493 22	Granted	10270883	3/27/20 14	4/23/20 19	15/119508	United States of Americ a	SCHEDULING DOWNLOADS
902560 67	Granted	20148007 7273.4	3/20/20 14	3/22/20 19	20148007727 3.4	China	Storage System Transactions
902574 38	Granted	10209892	11/28/2 016	2/19/20 19	15/361939	United States of Americ a	STORAGE OF FORMAT- AWARE FILTER FORMAT TRACKING STATES
902690 49	Granted	10192066	3/14/20 14	1/29/20 19	15/125675	United States of Americ a	SEMANTIC RESTRICTION

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90269075	Granted	10372897	10/20/2016	8/6/2019	15/298494	United States of America	ENCRYPTED CAPABILITIES STORED IN GLOBAL MEMORY
90269402	Granted	10303883	10/25/2016	5/28/2019	15/333779	United States of America	FIRMWARE VERIFICATION THROUGH DATA PORTS
90285307	Granted	10397352	8/4/2014	8/27/2019	15/304968	United States of America	NETWORK INFRASTRUCTURE MANAGEMENT
90292423	Granted	10439961	4/30/2014	10/8/2019	15/307662	United States of America	Network Fabric Control
90311491	Granted	10331528	3/2/2017	6/25/2019	15/447417	United States of America	RECOVERY SERVICES FOR COMPUTING SYSTEMS
90313649	Granted	10409988	1/20/2017	9/10/2019	15/410934	United States of America	ESCALATED REMEDIATION
90314564	Granted	10650138	1/27/2017	5/12/2020	15/417955	United States of America	SYSTEM CALL POLICIES FOR CONTAINERS
90315110	Granted	10230531	10/23/2014	3/12/2019	15/323705	United States of America	ADMISSIONS CONTROL OF A DEVICE
90319254	Granted	10491513	1/20/2017	11/26/2019	15/410975	United States of America	VERIFYING PACKET TAGS IN SOFTWARE DEFINED NETWORKS

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903201 91	Granted	10248814	1/25/20 17	4/2/201 9	15/415450	United States of Americ a	MEMORY INTEGRITY MONITORING
903233 70	Granted	10503636	6/30/20 14	12/10/2 019	15/320402	United States of Americ a	CONCURRENT DEAD ACTOR COLLECTION
903411 62	Granted	10528752	8/13/20 14	1/7/202 0	15/502661	United States of Americ a	NON-VOLATILE STORAGE OF MANAGEMENT DATA
903435 52	Granted	10496313	9/22/20 14	12/3/20 19	15/500077	United States of Americ a	IDENTIFICATION OF CONTENT- DEFINED CHUNK BOUNDARIES
903435 77	Granted	10496496	12/15/2 014	12/3/20 19	15/330000	United States of Americ a	DATA RESTORATION USING ALLOCATION MAPS
903466 14	Granted	10250627	7/31/20 14	4/2/201 9	15/500863	United States of Americ a	REMEDIATING A SECURITY THREAT TO A NETWORK
903470 29	Granted	10515012	9/3/201 4	12/24/2 019	15/500883	United States of Americ a	RELATIONSHIP BASED CACHE RESOURCE NAMING AND EVALUATION
903513 60	Granted	10366242	12/23/2 014	7/30/20 19	15/500922	United States of Americ a	PREVENTION OFA PREDETERMINE D ACTION REGARDING DATA
903513 64	Granted	10425282	11/28/2 014	9/24/20 19	15/500919	United States of Americ a	VERIFYING A NETWORK CONFIGURATIO N

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903514 40	Granted	10325092	3/11/20 15	6/18/20 19	15/500909	United States of America	DYNAMICALLY ADJUSTING A MODEL FOR A SECURITY OPERATIONS CENTER
903623 85	Granted	10686814	4/10/20 15	6/16/20 20	15/505820	United States of America	NETWORK ANOMALY DETECTION
903851 57	Granted	10534739	10/31/20 14	1/14/20 20	15/515743	United States of America	INDICATING A PRIVILEGE LEVEL
903960 54	Granted	10268695	12/15/20 14	4/23/20 19	15/521336	United States of America	SNAPSHOT CREATION
904057 75	Granted	28789910 002	11/27/20 15	1/14/20 16	002878991	European Union	SERVER MODULE
904562 58	Granted	10592437	7/31/20 17	3/17/20 20	15/664101	United States of America	MEMORY MATCHING KEY CAPABILITY
904649 86	Granted	10404800	7/14/20 17	9/3/2019	15/650296	United States of America	Caching Network Fabric for High Performance Computing
904649 88	Granted	10521260	7/14/20 17	12/31/20 19	15/650357	United States of America	Workload Management System and Process
904816 30	Granted	60201104 2797.0	1/20/20 11	10/25/20 17	11855929.3	Germany (Federal Republic of)	COMPOSITE PROCESSORS

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90481633	Granted	2666097	1/20/2011	10/25/2017	11855929.3	United Kingdom	COMPOSITE PROCESSORS
90482454	Granted	602008052141.9	10/31/2008	9/13/2017	08877842.8	Germany (Federal Republic of)	Prioritized Optical Arbitration Systems And Methods
90482456	Granted	2350772	10/31/2008	9/13/2017	08877842.8	United Kingdom	Prioritized Optical Arbitration Systems And Methods
90489790	Granted	10650169	9/14/2015	5/12/2020	15/573081	United States of America	SECURE MEMORY SYSTEMS
90489800	Granted	10310877	7/31/2015	6/4/2019	15/573112	United States of America	CATEGORY BASED EXECUTION SCHEDULING
90489840	Granted	10572672	8/14/2015	2/25/2020	15/573101	United States of America	MODIFICATION OF DATA ELEMENTS USING A SEMANTIC RELATIONSHIP
90489882	Granted	10686612	7/30/2015	6/16/2020	15/573688	United States of America	CRYPTOGRAPHIC DATA
90490067	Granted	10666672	8/31/2015	5/26/2020	15/577865	United States of America	COLLECTING DOMAIN NAME SYSTEM TRAFFIC
90525145	Granted	602005053348.6	4/28/2005	1/10/2018	05741090.4	Germany (Federal Republic of)	Non-demolition Photon Detector That Preserves Input State Characteristics

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905251 47	Granted	1761887	4/28/20 05	1/10/20 18	05741090.4	United Kingdo m	Non-demolition Photon Detector That Preserves Input State Characteristics
905275 75	Granted	10558500	7/27/20 15	2/11/20 20	15/748478	United States of Americ a	SCHEDULING HETEROGENOUS PROCESSORS
905299 36	Granted	10644945	8/20/20 15	5/5/202 0	15/747795	United States of Americ a	CONTAINERIZED VIRTUAL NETWORK FUNCTION
905411 02	Granted	10686589	12/4/20 15	6/16/20 20	15/756055	United States of Americ a	COMBINING HASHES OF DATA BLOCKS
905411 54	Granted	10380025	1/19/20 16	8/13/20 19	15/756056	United States of Americ a	ACCESSING OBJECTS VIA OBJECT REFERENCES
905456 18	Granted	10540286	4/30/20 18	1/21/20 20	15/967596	United States of Americ a	SYSTEMS AND METHODS FOR DYNAMICALLY MODIFYING COHERENCE DOMAINS
905821 48	Granted	2719124	6/7/201 1	4/11/20 18	11867520.6	France	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR VIRTUALIZED DATACENTERS
905821 55	Granted	60201104 7496.0	6/7/201 1	4/11/20 18	11867520.6	German y (Federa l Republi c of)	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR VIRTUALIZED DATACENTERS
905821 62	Granted	2719124	6/7/201 1	4/11/20 18	11867520.6	Switzer land	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR

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							VIRTUALIZED DATACENTERS
905821 69	Granted	2719124	6/7/201 1	4/11/20 18	11867520.6	United Kingdo m	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR VIRTUALIZED DATACENTERS
905907 50	Granted	10572249	10/30/2 015	2/25/20 20	15/770370	United States of Americ a	SOFTWARE KIT RELEASE MANAGEMENT
906017 74	Granted	60200805 5348.5	3/11/20 08	5/23/20 18	08726728.2	German y (Federa l Republi c of)	Optoelectronic Switches Using On- chip Optical Waveguides
906017 77	Granted	2252906	3/11/20 08	5/23/20 18	08726728.2	United Kingdo m	Optoelectronic Switches Using On- chip Optical Waveguides
906088 20	Granted	10673463	10/25/2 018	6/2/202 0	16/170909	United States of Americ a	COMBINED BLOCKS OF PARTS OF ERASURE CODED DATA PORTIONS
906402 36	Granted	2737656	7/29/20 11	9/5/201 8	11870379.2	France	CREDENTIAL VALIDATION
906402 43	Granted	60201105 1896.8	7/29/20 11	9/5/201 8	11870379.2	German y (Federa l Republi c of)	CREDENTIAL VALIDATION
906402 50	Granted	2737656	7/29/20 11	9/5/201 8	11870379.2	United Kingdo m	CREDENTIAL VALIDATION

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90665672	Granted	602011051975.1	1/28/2011	9/12/2018	11737715.0	Germany (Federal Republic of)	QUANTUM KEY DISTRIBUTION METHOD AND APPARATUS
90665763	Granted	3025247	7/26/2013	10/24/2018	13889831.7	France	DATA VIEW BASED ON CONTEXT
90665768	Granted	602013045773.5	7/26/2013	10/24/2018	13889831.7	Germany (Federal Republic of)	DATA VIEW BASED ON CONTEXT
90665773	Granted	3025247	7/26/2013	10/24/2018	13889831.7	United Kingdom	DATA VIEW BASED ON CONTEXT
90666080	Granted	2127462	1/29/2008	10/24/2018	08708350.7	France	CONFIGURATION OF MOBILE COMMUNICATION DEVICES
90666083	Granted	2127462	1/29/2008	10/24/2018	08708350.7	United Kingdom	CONFIGURATION OF MOBILE COMMUNICATION DEVICES
90682711	Granted	2936496	12/21/2012	11/28/2018	12890251.7	France	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
90682717	Granted	602012054214.4	12/21/2012	11/28/2018	12890251.7	Germany (Federal Republic of)	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
90682723	Granted	2936496	12/21/2012	11/28/2018	12890251.7	United Kingdom	MEMORY MODULE HAVING ERROR CORRECTION LOGIC

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906854 82	Granted	1183606	2/19/20 01	10/31/2 018	01904210.0	France	Address Mapping In Solid State Storage Device
906854 99	Granted	60150987. 0	2/19/20 01	10/31/2 018	01904210.0	German y (Federa l Republi c of)	Address Mapping In Solid State Storage Device
906855 16	Granted	1183606	2/19/20 01	10/31/2 018	01904210.0	United Kingdo m	Address Mapping In Solid State Storage Device
906915 73	Granted	2842045	4/27/20 12	12/5/20 18	12875325.8	France	DATA CENTER SERVICE ORIENTED NETWORKING
906915 79	Granted	60201205 4508.9	4/27/20 12	12/5/20 18	12875325.8	German y (Federa l Republi c of)	DATA CENTER SERVICE ORIENTED NETWORKING
906925 87	Granted	2260594	3/10/20 08	12/26/2 018	08726645.8	France	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
906925 90	Granted	60200805 8460.7	3/10/20 08	12/26/2 018	08726645.8	German y (Federa l Republi c of)	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
906925 93	Granted	2260594	3/10/20 08	12/26/2 018	08726645.8	United Kingdo m	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same

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907073 11	Granted	60201205 6986.7	7/20/20 12	2/20/20 19	12881312.8	German y (Federa l Republi c of)	MIGRATING APPLICATIONS BETWEEN NETWORKS
907073 18	Granted	2875439	7/20/20 12	2/20/20 19	12881312.8	United Kingdo m	MIGRATING APPLICATIONS BETWEEN NETWORKS
907183 37	Granted	3311280	8/14/20 15	3/27/20 19	15751003.3	German y (Federa l Republi c of)	DATA REPLICATION IN MEMORY SYSTEMS
907183 43	Granted	3311280	8/14/20 15	3/27/20 19	15751003.3	United Kingdo m	DATA REPLICATION IN MEMORY SYSTEMS
907202 87	Granted	3265929	5/18/20 15	4/17/20 19	15724591.1	German y (Federa l Republi c of)	Automated entity- resolution methods and systems
907202 92	Granted	3265929	5/18/20 15	4/17/20 19	15724591.1	United Kingdo m	Automated entity- resolution methods and systems
907309 63	Granted	2572475	5/20/20 10	5/15/20 19	10851886.1	France	SWITCHING IN A NETWORK DEVICE
907309 66	Granted	2572475	5/20/20 10	5/15/20 19	10851886.1	German y (Federa l Republi c of)	SWITCHING IN A NETWORK DEVICE
907309 69	Granted	2572475	5/20/20 10	5/15/20 19	10851886.1	Netherl ands	SWITCHING IN A NETWORK DEVICE

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907309 72	Granted	2572475	5/20/20 10	5/15/20 19	10851886.1	United Kingdo m	SWITCHING IN A NETWORK DEVICE
907309 75	Granted	60201502 9588.9	3/20/20 15	5/1/201 9	15886621.0	German y (Federa l Republi c of)	DATASTREAM BLOCK ENCRYPTION
907309 80	Granted	3272060	3/20/20 15	5/1/201 9	15886621.0	United Kingdo m	DATASTREAM BLOCK ENCRYPTION
907309 85	Granted	2951963	1/30/20 13	4/24/20 19	13873588.1	France	FAILOVER IN RESPONSE TO FAILURE OF A PORT
907309 92	Granted	2951963	1/30/20 13	4/24/20 19	13873588.1	German y (Federa l Republi c of)	FAILOVER IN RESPONSE TO FAILURE OF A PORT
907309 99	Granted	2951963	1/30/20 13	4/24/20 19	13873588.1	United Kingdo m	FAILOVER IN RESPONSE TO FAILURE OF A PORT
907593 71	Granted	2810171	2/2/201 2	7/3/201 9	12867467.8	France	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION
907593 78	Granted	2810171	2/2/201 2	7/3/201 9	12867467.8	German y (Federa l Republi c of)	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION
907593 85	Granted	2810171	2/2/201 2	7/3/201 9	12867467.8	United Kingdo m	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION

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90766055	Granted	3063692	10/29/2013	7/24/2019	13896266.7	Germany (Federal Republic of)	VIRTUAL MACHINE INTROSPECTION
90766061	Granted	3063692	10/29/2013	7/24/2019	13896266.7	United Kingdom	VIRTUAL MACHINE INTROSPECTION
90772450	Granted	3274896	4/22/2016	8/21/2019	16894801.6	Germany (Federal Republic of)	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE WITH A RESOURCE CONTROLLER
90772457	Granted	3274896	4/22/2016	8/21/2019	16894801.6	United Kingdom	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE WITH A RESOURCE CONTROLLER
90772464	Granted	3278519	9/24/2015	8/21/2019	15770511.2	Germany (Federal Republic of)	MEMORY SYSTEM MANAGEMENT
90772471	Granted	3278519	9/24/2015	8/21/2019	15770511.2	United Kingdom	MEMORY SYSTEM MANAGEMENT
90772478	Granted	2951940	7/31/2015	8/21/2019	13873163.3	France	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH
90772485	Granted	2951940	7/31/2015	8/21/2019	13873163.3	Germany (Federal Republic of)	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH

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907724 92	Granted	2951940	7/31/20 15	8/21/20 19	13873163.3	Netherl ands	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH
907724 99	Granted	2951940	7/31/20 15	8/21/20 19	13873163.3	United Kingdo m	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH
907725 06	Granted	60201700 6321.5	10/19/2 017	8/21/20 19	17197398.5	German y (Federa l Republi c of)	ENCRYPTED CAPABILITIES STORED IN GLOBAL MEMORY
907725 14	Granted	3312758	10/19/2 017	8/21/20 19	17197398.5	United Kingdo m	ENCRYPTED CAPABILITIES STORED IN GLOBAL MEMORY
908142 30	Granted	3100416	1/29/20 14	10/16/2 019	14880912.2	France	MANAGING A NUMBER OF ETHERNET LINKS
908142 37	Granted	60201405 5416.4	1/29/20 14	10/16/2 019	14880912.2	German y (Federa l Republi c of)	MANAGING A NUMBER OF ETHERNET LINKS
908142 44	Granted	3100416	1/29/20 14	10/16/2 019	14880912.2	United Kingdo m	MANAGING A NUMBER OF ETHERNET LINKS
908161 35	Granted	3031187	8/9/201 3	11/6/20 19	13890993.2	France	SWITCH ASSEMBLY
908161 41	Granted	60201306 2742.8	8/9/201 3	11/6/20 19	13890993.2	German y (Federa l Republi c of)	SWITCH ASSEMBLY

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90816147	Granted	3031187	8/9/2013	11/6/2019	13890993.2	United Kingdom	SWITCH ASSEMBLY
90816153	Granted	3292495	7/30/2015	10/30/2019	15744571.9	Germany (Federal Republic of)	Cryptographic Identities of Nodes in TheMachine
90816161	Granted	3292495	7/30/2015	10/30/2019	15744571.9	United Kingdom	Cryptographic Identities of Nodes in TheMachine
90818356	Granted	3370151	2/28/2018	11/13/2019	18159058.9	Germany (Federal Republic of)	RECOVERY SERVICES FOR COMPUTING SYSTEMS
90818364	Granted	3370151	2/28/2018	11/13/2019	18159058.9	United Kingdom	RECOVERY SERVICES FOR COMPUTING SYSTEMS
90819579	Granted	602015041648.1	7/31/2015	11/13/2019	15745472.9	Germany (Federal Republic of)	METHODS TO CREATE LOGICAL TREES OF MEMORY SYSTEMS
90819586	Granted	3298501	7/31/2015	11/13/2019	15745472.9	United Kingdom	METHODS TO CREATE LOGICAL TREES OF MEMORY SYSTEMS
90831814	Granted	602015045263.1	11/27/2015	1/8/2020	15801180.9	Germany (Federal Republic of)	Distribution of Gen-Z Transaction Integrity Keys
90843631	Granted	3063627	10/31/2013	2/26/2020	13896796.3	Germany (Federal Republic of)	MEMORY INTEGRITY CHECKING

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90843638	Granted	3063627	10/31/2013	2/26/2020	13896796.3	United Kingdom	MEMORY INTEGRITY CHECKING
90859911	Granted	3425507	7/20/2018	4/8/2020	18184850.8	Germany (Federal Republic of)	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
90859920	Granted	3425507	7/20/2018	4/8/2020	18184850.8	United Kingdom	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
90865101	Granted	602015051942.6	8/31/2015	4/29/2020	15903192.1	Germany (Federal Republic of)	COLLECTING DOMAIN NAME SYSTEM TRAFFIC
90865110	Granted	3275151	8/31/2015	4/29/2020	15903192.1	United Kingdom	COLLECTING DOMAIN NAME SYSTEM TRAFFIC
82062344	Granted	38350	8/3/8369	5/31/2000	13041.9	United Kingdom	Improvements Relating To Information Storage
82069010	Granted	38706	##### ##	5/26/2000	09/578503	United States of America	Configuring Computer Systems
82069391	Granted	40326	##### ##	4/27/2000	2000-126830	Japan	Loop Prevention In Networks
82069400	Granted	38728	3/15/4787	4/19/2000	303325.5	France	Loop Prevention In Networks

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82069403	Granted	38728	3/15/4787	4/19/2000	303325.5	United Kingdom	Loop Prevention In Networks
82277123	Granted	39469	##### ##	3/3/2003	10/379455	United States of America	METHOD AND APPARATUS FOR ENCRYPTING/DECRYPTING DATA USING TIMED-RELEASE KEYS
81928004	National	0501610	1/28/1992	3/17/1999	92300711.6	European Patent	Object Oriented Distributed Computing System
81933839	National	0408812	7/21/1989	3/1/2000	89307458.3	European Patent	Distributed Object Based Systems
81934280	National		2/8/1991		PCT/GB1991/000198	Patent Cooperation Treaty	Method And Apparatus For Information Management In A Computer Database
81934289	National		2/8/1991		PCT/GB1991/000199	Patent Cooperation Treaty	Method And Apparatus For Processing Tabular Responses To Computer Database Queries
81934301	National	0497022	1/31/1991	4/7/1999	91300772.0	European Patent	Conference System
81934676	National	0489989	12/7/1990	1/24/1996	90313319.7	European Patent	LAN Measurement Apparatus For Determining Voltage Between Packets
81934679	National		11/6/1991		PCT/EP1991/001951	Patent Cooperation Treaty	LAN Measurement Apparatus For Determining Voltage Between Packets

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81959909	National		7/28/1994		PCT/GB1994/001627	Patent Cooperation Treaty	Page Manipulation Facility
81959918	National	0784813	7/28/1994	11/4/1998	94921745.9	European Patent	Page Manipulation Facility
81960128	National	0680173	4/28/1994	9/3/2003	94303117.9	European Patent	Multicasting Apparatus
81960206	National	0680179	4/28/1994	9/5/2001	94303120.3	European Patent	Multicast Queue
81960272	National	0669771	2/8/1995	5/2/2003	95300789.5	European Patent	Communications Signalling Network Apparatus
81960440	National	0687089	6/10/1994	5/28/2003	94304210.1	European Patent	Eventflow
81961424	National	0700186	8/31/1994	4/13/2005	94306389.1	European Patent	Method And Apparatus For Regulating Virtual Channel Cell Transmission
81997247	National		11/29/2004		PCT/US2004/039967	Patent Cooperation Treaty	Data Storage System With Error Correction Code And Replaceable Defective Memory
82061666	National	1162537	6/9/2000	9/26/2007	00304891.5	European Patent	Utilization Of Unused Disk Space On Networked Computers

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82061699	National	1139677	3/2/2001	1/26/2005	01301935.1	European Patent	Transfer Of Audio Messages To A Mobile Entity
82061738	National	1133206	2/14/2001	5/3/2006	01301269.5	European Patent	Generating And Logging Reminders Whilst Mobile
82061867	National		4/30/2001		PCT/GB2001/001876	Patent Cooperation Treaty	Improvements Relating To Networking
82062227	National		5/23/2001		PCT/GB2001/002291	Patent Cooperation Treaty	Location-Based Data Access Control
82062230	National	1172270	5/23/2001	8/13/2003	01304520.8	European Patent	Location-Based Equipment Control
82062251	National	1148745	4/5/2001	1/28/2004	01303211.5	European Patent	Shopping Assistance Method And Service System
82062428	National	1139688	2/12/2001	1/2/2003	01301228.1	European Patent	Providing Location Data About A Mobile Entity
82062503	National		5/8/2001		PCT/GB2001/001989	Patent Cooperation Treaty	Distributed Pre-Paid Communications Infrastructure
82062509	National	1281270	5/8/2001	7/19/2006	01925734.4	European Patent	Operating A Communications Infrastructure On A Pre-payment Basis

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820625 24	National		5/8/200 1		PCT/GB2001 /001968	Patent Cooper ation Treaty	Charging For VAS Resource Usage In A Communications Infrastructure
820625 30	National	1281269	5/8/200 1	5/4/200 5	01925726.0	Europe an Patent	Charging For VAS Resource Usage In A Communications Infrastructure
820625 45	National	1197858	10/10/2 000	2/6/200 8	00308910.9	Europe an Patent	E-appliances
820628 06	National	1170950	7/3/200 1	5/3/200 6	01305749.2	Europe an Patent	Use Of Local Equipment By Mobile Entity
820628 57	National	1215656	11/30/2 001	6/15/20 05	01310044.1	Europe an Patent	Idiom Handling In Voice Service Systems
820629 23	National	1213692	11/26/2 001	2/23/20 05	01309916.3	Europe an Patent	Device Inventory By Sound
820631 18	National		3/28/20 02		PCT/GB2002 /001471	Patent Cooper ation Treaty	Improvements Relating To Developing Documents
820635 38	National	1271313	6/12/20 02	8/8/201 2	02254078.5	Europe an Patent	Performing Secure And Insecure Computing Operations In A Compartmented Operating System
820635 95	National		8/16/20 01		PCT/GB2001 /003667	Patent Cooper ation Treaty	Trusted Device

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82063640	National		8/17/2001		PCT/GB2001/003712	Patent Cooperation Treaty	A Computer System Operable To Revert To A Trusted State
82063646	National	1309916	8/17/2001	10/18/2006	01958228.7	European Patent	A Computer System Operable To Revert To A Trusted State
82063928	National		1/9/2003		PCT/GB2003/000101	Patent Cooperation Treaty	Accessing A Remotely-stored Data Set And Associating Notes With That Data Set
82064204	National	1294157	9/10/2002	11/23/2005	02256245.8	European Patent	Method And Apparatus For Identifying A Voice Caller
82064450	National	1217608	11/30/2001	1/26/2005	01310046.6	European Patent	Activation Of Voice-Controlled Apparatus
82064546	National		1/29/2002		PCT/GB2002/000385	Patent Cooperation Treaty	Trusted Gateway System
82064597	National	1280317	7/26/2002	9/13/2006	02255218.6	European Patent	Multi-domain Authorisation And Authentication
82064654	National		7/30/2002		PCT/GB2002/003466	Patent Cooperation Treaty	An Apparatus And Method For An Automated Negotiation
82064666	National		4/11/2002		PCT/GB2002/001680	Patent Cooperation Treaty	An Automated Method And Apparatus For Aiding Convergence In Negotiation

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82064693	National		4/11/2002			PCT/GB2002/001679	Patent Cooperation Treaty	Computerised Apparatus And Methods Of Converting A Portfolio Strategy Into A Set Of Tactics
82064705	National		4/11/2002			PCT/GB2002/001701	Patent Cooperation Treaty	Utility Scoring Method And Apparatus
82064726	National		4/11/2002			PCT/GB2002/001703	Patent Cooperation Treaty	A Preference Map For Negotiation, Which Allows Labeling Of Partial Relationships For Easy Reuse
82064738	National		4/11/2002			PCT/GB2002/001706	Patent Cooperation Treaty	Automatic Contract Negotiation With Multiple Parameters
82064858	National		2/19/2002			PCT/GB2002/000701	Patent Cooperation Treaty	Time-Release Cryptography
82065188	National	1237332	3/2/2001	11/5/2003		01301921.1	European Patent	Beacon Based Web Services II
82065215	National		4/11/2002			PCT/GB2002/001686	Patent Cooperation Treaty	Method And Apparatus For Automated Multi-party Multivariate Negotiation
82065278	National	1282286	7/26/2002	9/21/2005		02255220.2	European Patent	Method Of Establishing A Secure Data Connection
82065935	National	1267326	5/13/2002	8/4/2004		02253325.1	European Patent	Artificial Language Generation

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820659 65	National		10/25/2 002		PCT/GB2002 /004819	Patent Cooper ation Treaty	Improvements Relating To Document Generation
820661 24	National		4/11/20 02		PCT/GB2002 /001711	Patent Cooper ation Treaty	Knowledge Acquisition Apparatus And Method
820663 61	National		8/28/20 02		PCT/GB2002 /003943	Patent Cooper ation Treaty	Quantum Information Processing Method And Apparatus
820664 81	National		4/17/19 96		PCT/GB1996 /000915	Patent Cooper ation Treaty	MSG Authentica t
820664 87	National	0824814	4/17/19 96	12/12/2 001	96910090.8	Europe an Patent	Method And Apparatus For Authenticating An Originator Of A Message
820665 68	National	0758187	8/9/199 5	5/11/20 05	95305563.9	Europe an Patent	Base Station
820668 80	National		3/11/19 97		PCT/GB1997 /000666	Patent Cooper ation Treaty	Fast VG Concept
820668 89	National	0824817	3/11/19 97	8/3/200 5	97906303.9	Europe an Patent	Apparatus And Method For Communicating Data
820669 70	National		12/11/1 996		PCT/GB1996 /003055	Patent Cooper ation Treaty	Method Of Accessing Service Resource Items That Are For Use In A Telecommunication s System

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820669 85	National	0867093	12/11/1 996	6/15/20 05	96941769.0	Europe an Patent	Method Of Accessing Service Resource Items That Are For Use In A Telecommunication s System
820670 96	National	1207704	12/11/1 996	5/12/20 04	02000568.2	Europe an Patent	Determining A Telephone Number For Contacting A Target Entity
820672 31	National		3/27/19 97		PCT/GB1997 /000897	Patent Cooper ation Treaty	TRANSMITTING MESSAGES OVER A NETWORK
820673 03	National		7/24/19 97		PCT/GB1997 /002006	Patent Cooper ation Treaty	Ordered Message Reception In A Distributed Data Processing System
820674 20	National	0953919	5/1/199 8	2/19/20 03	98303426.5	Europe an Patent	Flexible Switch
820678 52	National	0953897	5/1/199 8	7/30/20 03	98303431.5	Europe an Patent	Complex Branch
820678 67	National	0954140	5/1/199 8	10/29/2 003	98303430.7	Europe an Patent	Table Merge
820678 76	National	0954139	5/1/199 8	4/6/200 5	98303425.7	Europe an Patent	Table Switch
820682 09	National		12/4/19 98		PCT/GB1998 /003632	Patent Cooper ation Treaty	Object Gateway

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820682 18	National	1036457	12/4/19 98	5/18/20 05	98958346.3	Europe an Patent	Object Gateway
820682 48	National	0907262	9/21/19 98	8/3/200 5	98307654.8	Europe an Patent	Power Management Method For Use In A Wireless Local Area Network (LAN)
820690 16	National		2/8/200 0		PCT/GB2000 /000370	Patent Cooper ation Treaty	Verification Of The Private Components Of A Public-key Cryptographic System
820690 25	National	1151577	2/8/200 0	1/15/20 03	00902728.5	Europe an Patent	Verification Of The Private Components Of A Public Key Cryptographic System
820692 80	National		10/30/2 001		PCT/GB2001 /004799	Patent Cooper ation Treaty	Metering In A Data Processing System
820692 92	National		5/25/20 00		PCT/GB2000 /002003	Patent Cooper ation Treaty	Data Integrity Monitoring In Trusted Computing Entity
820693 46	National		2/19/20 01		PCT/GB2001 /000643	Patent Cooper ation Treaty	Address Mapping In Solid State Storage Device
820693 49	National	1183606	2/19/20 01	10/31/2 018	01904210.0	Europe an Patent	Address Mapping In Solid State Storage Device
820693 88	National	1054530	4/19/20 00	1/11/20 06	00303325.5	Europe an Patent	Loop Prevention In Networks

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820694 42	National		2/19/20 01		PCT/GB2001 /000656	Patent Cooper ation Treaty	Data Balancing Scheme In Solid State Storage Devices
820695 56	National		4/26/20 02		PCT/GB2002 /001956	Patent Cooper ation Treaty	Diary System
820695 89	National	1128655	2/21/20 00	12/6/20 06	00301350.5	Europe an Patent	Framing Aid For A Document Capture Device
820696 25	National		9/19/20 00		PCT/GB2000 /003613	Patent Cooper ation Treaty	Multi-state
820696 58	National	1081918	8/25/20 00	10/18/2 006	00307357.4	Europe an Patent	JAVA Tunnelling
820697 33	National		8/11/20 00		PCT/GB2000 /003095	Patent Cooper ation Treaty	Enforcing Restrictions On The Use Of Stored Data Using A Combination Of Multiple Trusted Devices
820697 36	National	1203278	8/11/20 00	2/8/201 2	00953292.0	Europe an Patent	Enforcing Restrictions On The Use Of Stored Data
820697 75	National		10/6/20 00		PCT/GB2000 /003850	Patent Cooper ation Treaty	Trusted Computing Platform With Biometric Authentication
820697 81	National	1224518	10/6/20 00	7/15/20 09	00964537.5	Europe an Patent	Trusted Computing Platform With Biometric Authentication

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

82069799	National		10/6/2000		PCT/GB2000/003861	Patent Cooperation Treaty	Electronic Commerce System
82094642	National		7/22/2004		PCT/GB2004/003158	Patent Cooperation Treaty	Improvements Relating To Quantum Cypryptography
82094645	National	1652334	7/22/2004	11/21/2007	04743493.1	European Patent	Improvements Relating To Quantum Cypryptography
82096286	National		2/11/2004		PCT/US2004/003788	Patent Cooperation Treaty	Quantum Information Processing Using Electromagnetically Induced Transparency
82098068	National	1395041	6/16/2003	4/11/2012	03253793.8	European Patent	Colour Correction Of Images
82099598	National	1763260	9/12/2005	6/17/2009	05300740.7	European Patent	Context-based Event Processing
82105838	National	1471680	4/21/2004	6/21/2006	04252330.8	European Patent	Cryptographic Method And Apparatus
82106996	National		7/9/2004		PCT/GB2004/002999	Patent Cooperation Treaty	Organic Semiconductor Transistors Fabricated By Additive Electroplating And Adhesive Transfer
82115705	National	0690554	6/28/1995	3/27/2002	95304573.9	European Patent	REDUNDANT POWER MIXING ELEMENT WITH FAULT DETECTION FOR DC-TO-DC CONVERTER

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

82115738	National	0690542	6/30/1995	9/15/1999	95304484.9	European Patent	SYSTEM FOR SWITCHING POWER AND SCRUBBING FOR FAULTS
82148909	National	0352081	7/19/1989	8/16/1995	89307289.2	European Patent	EFFICIENT PROTOCOL FOR COMMUNICATING BETWEEN ASYNCHRONOUS DEVICES
82169177	National		4/9/2004		PCT/US2004/011001	Patent Cooperation Treaty	Photon Number Resolving Systems And Methods
82171160	National		7/21/2006		PCT/US2006/028406	Patent Cooperation Treaty	Quantum Information Conversion Between Matter And Light Representations
82174136	National		4/28/2005		PCT/US2005/014758	Patent Cooperation Treaty	Quantum Optical State Converter
82174172	National		12/3/2004		PCT/US2004/040647	Patent Cooperation Treaty	Games Using Pair-Wise Entanglements
82175486	National		10/6/2004		PCT/US2004/033117	Patent Cooperation Treaty	Photonic Interconnect System
82176866	National		5/21/2004		PCT/GB2004/002185	Patent Cooperation Treaty	Use Of Certified Secrets In Communication
82180928	National		9/28/2004		PCT/US2004/032013	Patent Cooperation Treaty	Detecting One Or More Photons From Their Interactions With Probe Photons In A Matters System

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821814 92	National		6/28/20 05		PCT/US2005 /022684	Patent Cooper ation Treaty	Nonlinear Electromagnetic Quantum Information Processing
821834 48	National		11/24/2 004		PCT/EP2004/ 053081	Patent Cooper ation Treaty	Smartcard With Cryptographic Functionality And Method And System For Using Such Cards
821837 96	National	1521390	9/29/20 04	8/13/20 08	04104771.3	Europe an Patent	Digital Signature Method And Apparatus
821886 35	National		4/28/20 05		PCT/US2005 /014601	Patent Cooper ation Treaty	Non-demolition Photon Detector That Preserves Input State Characteristics
821886 38	National	1761887	4/28/20 05	1/10/20 18	05741090.4	Europe an Patent	Non-demolition Photon Detector That Preserves Input State Characteristics
821897 90	National	1643680	8/31/20 05	3/19/20 08	05018947.1	Europe an Patent	Method And System For Managing Network Nodes In MPLS- VPN Networks
821970 65	National		9/13/20 05		PCT/US2005 /032912	Patent Cooper ation Treaty	Tests Of Quantum Information
821985 32	National	1605626	6/6/200 5	12/26/2 007	05104894.0	Europe an Patent	Cryptographic Method And Apparatus
821988 50	National		7/13/20 05		PCT/US2005 /024918	Patent Cooper ation Treaty	Quantum Information Processing With Static Qubits Using Optical Preparation, Addressing And Detection

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Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee*

822014 06	National		6/28/20 05		PCT/US2005/ /022969	Patent Cooper ation Treaty	Quantum Coherent Systems And Operations
822014 72	National		10/28/2 005		PCT/EP2005/ 055640	Patent Cooper ation Treaty	Virtual Computing Infrastructure
822028 70	National		8/3/200 5		PCT/EP2005/ 053800	Patent Cooper ation Treaty	Network Virtualization
822034 91	National		8/3/200 5		PCT/EP2005/ 053801	Patent Cooper ation Treaty	Virtual Network Interface
822037 07	National		10/28/2 005		PCT/EP2005/ 055642	Patent Cooper ation Treaty	Virtual Computing Infrastructure
822037 16	National		8/3/200 5		PCT/EP2005/ 053803	Patent Cooper ation Treaty	Mapping Discovery For Virtual Network
822038 36	National		10/28/2 005		PCT/EP2005/ 055639	Patent Cooper ation Treaty	Virtual Computing Infrastructure
822039 14	National		10/28/2 005		PCT/EP2005/ 055638	Patent Cooper ation Treaty	Virtual Computing Infrastructure
822040 25	National		10/6/20 05		PCT/EP2005/ 055040	Patent Cooper ation Treaty	Proving Relationships Between Data

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82208219	National	1720315	4/27/2006	7/9/2008	06113237.9	European Patent	Network Management And Administration
82216106	National		1/30/2007		PCT/US2007/002687	Patent Cooperation Treaty	Methods And Systems For Avoiding Transmission-channel Disruptions
82216109	National	1943757	1/30/2007	5/13/2009	07762845.1	European Patent	Methods And Systems For Avoiding Transmission-channel Disruptions
82217384	National		8/11/2006		PCT/US2006/031396	Patent Cooperation Treaty	Quantum Repeater
82219130	National		4/20/2007		PCT/US2007/009711	Patent Cooperation Treaty	Optical-based, Self-authenticating Quantum Random Number Generators
82219133	National	2013707	4/20/2007	7/6/2011	07755829.4	European Patent	OPTICAL-BASED, SELF-AUTHENTICATING QUANTUM RANDOM NUMBER GENERATORS
82219751	National		1/3/2007		PCT/EP2007/050025	Patent Cooperation Treaty	Call Screening For VOIP Calls At Gateway
82225424	National		1/31/2008		PCT/US2008/001280	Patent Cooperation Treaty	Referencing A Map To The Coordinate Space Of A Positioning System
82229585	National	2143259	1/29/2008	5/27/2015	08708351.5	European Patent	Method And System For Facilitating Multi-point Communications

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

822297 59	National		1/29/20 08		PCT/EP2008/ 051036	Patent Cooper ation Treaty	Service Routing For Communication Systems
822297 74	National		1/29/20 08		PCT/EP2008/ 051033	Patent Cooper ation Treaty	CONFIGURATIO N OF MOBILE COMMUNICATIO N DEVICES
822297 77	National	2127462	1/29/20 08	10/24/2 018	08708350.7	Europe an Patent	CONFIGURATIO N OF MOBILE COMMUNICATIO N DEVICES
822304 70	National		10/25/2 007		PCT/US2007 /022629	Patent Cooper ation Treaty	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822317 12	National		1/21/20 08		PCT/GB2008 /050038	Patent Cooper ation Treaty	TRUSTED COMPUTING ENTITIES
822317 15	National	2126770	1/21/20 08	3/19/20 14	08702121.8	Europe an Patent	TRUSTED COMPUTING ENTITIES
822332 87	National		10/25/2 007		PCT/US2007 /022586	Patent Cooper ation Treaty	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822333 08	National		10/25/2 007		PCT/US2007 /022585	Patent Cooper ation Treaty	DATA PROCESSING APPARATUS AND METHOD OF PROCESSING DATA
822356 21	National		4/2/200 8		PCT/US2008 /059093	Patent Cooper ation Treaty	Binding A Cryptographic Module To A Platform

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822370 16	National		12/20/2 007		PCT/US2007 /088336	Patent Cooper ation Treaty	MODEL BASED DEPLOYMENT OF COMPUTER BASED BUSINESS PROCESS ON DEDICATED HARDWARE
822377 24	National		12/20/2 007		PCT/US2007 /088346	Patent Cooper ation Treaty	MODELLING COMPUTER BASED BUSINESS PROCESS FOR CUSTOMISATIO N AND DELIVERY
822378 14	National		12/20/2 007		PCT/US2007 /088331	Patent Cooper ation Treaty	Modelling Computer Based Business Process And Simulating Operation
822386 42	National		1/28/20 08		PCT/US2008 /052235	Patent Cooper ation Treaty	DEPLOYMENT OF BOOT IMAGES IN DISKLESS SERVERS
822386 57	National		12/20/2 007		PCT/US2007 /088322	Patent Cooper ation Treaty	AUTOMATED MODEL GENERATION FOR COMPUTER BASED BUSINESS PROCESS
822386 75	National		12/20/2 007		PCT/US2007 /088315	Patent Cooper ation Treaty	Incorporating Development Tools In System For Deploying Computer Based Process On Shared Infrastructure
822387 17	National		12/21/2 007		PCT/EP2007/ 064460	Patent Cooper ation Treaty	Liquid Crystal Display
822401 18	National		10/23/2 008		PCT/US2008 /012118	Patent Cooper ation Treaty	Three-dimensional Memory Module Architectures

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82240124	National	2212887	10/23/2008	4/17/2013	08842157.3	European Patent	Three-dimensional Memory Module Architectures
82240145	National		2/26/2008		PCT/EP2008/052321	Patent Cooperation Treaty	Matrix-addressable Display Device
82240688	National		5/9/2008		PCT/US2008/006042	Patent Cooperation Treaty	Proximity Free Space Optical Interconnect
82242320	National		7/22/2009		PCT/EP2009/059416	Patent Cooperation Treaty	QKD Transmitter And Transmission Method
82242410	National		10/14/2008		PCT/GB2008/050939	Patent Cooperation Treaty	QUANTUM KEY DISTRIBUTION SYSTEM USING LDPC CODES WITH A GRAPH HAVING A TOROID STRUCTURE
82242416	National	2227862	10/14/2008	3/30/2011	08806753.3	European Patent	Data Processing Arrangements For Use In Data Communication Apparatus In Connection With Error Correction
82242533	National		3/10/2008		PCT/US2008/003147	Patent Cooperation Treaty	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same
82242536	National	2260594	3/10/2008	12/26/2018	08726645.8	European Patent	Two-phase Optical Communication Methods And Optical Bus Systems For Implementing The Same

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

822425 63	National		3/11/20 08		PCT/US2008 /003244	Patent Cooper ation Treaty	Optoelectronic Switches Using On- chip Optical Waveguides
822425 66	National	2252906	3/11/20 08	5/23/20 18	08726728.2	Europe an Patent	Optoelectronic Switches Using On- chip Optical Waveguides
822431 75	National		1/29/20 09		PCT/EP2009/ 051025	Patent Cooper ation Treaty	SECURING A DATA TRANSMISSION
822434 12	National		8/8/200 8		PCT/US2008 /009524	Patent Cooper ation Treaty	Method And Systems For Implementing High-radix Switch Topologies On Relatively Lower- radix Switch Physical Networks
822437 21	National		10/22/2 008		PCT/US2008 /080796	Patent Cooper ation Treaty	ALTERING AN IMAGING PARAMETER TO READ A SYMBOL
822446 66	National		4/22/20 08		PCT/EP2008/ 054848	Patent Cooper ation Treaty	METHOD OF MODULATING A CARRIER TO TRANSMIT POWER TO A DEVICE, AND MODULATOR ADAPTED TO DO THE SAME
822456 08	National		3/16/20 09		PCT/EP2009/ 053057	Patent Cooper ation Treaty	Optical Structure
822465 95	National		7/7/200 9		PCT/US2009 /049839	Patent Cooper ation Treaty	LIGHT DIFFUSERS AND DISPLAYS COMPRISING SAME

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

822472 37	National		5/9/200 8		PCT/US2008 /005992	Patent Cooper ation Treaty	Optically Enabled Broadcast Bus
822476 48	National		6/17/20 08		PCT/US2008 /007540	Patent Cooper ation Treaty	Optical Broadcast Systems And Methods
822480 23	National		9/16/20 09		PCT/US2009 /057060	Patent Cooper ation Treaty	System And Method For Assessing Photographer Competence
822482 06	National		12/19/2 008		PCT/US2008 /087632	Patent Cooper ation Treaty	Redundant Data Storage For Uniform Read Latency
822486 02	National		10/31/2 008		PCT/US2008 /012392	Patent Cooper ation Treaty	Prioritized Optical Arbitration Systems And Methods
822494 84	National		1/27/20 09		PCT/US2009 /000529	Patent Cooper ation Treaty	REDUNDANT RING RESONATORS OF VARYING DIMENSIONS TO REDUCE RING RESONATOR TUNING REQUIREMENTS
822495 26	National		10/31/2 008		PCT/EP2008/ 064816	Patent Cooper ation Treaty	A Method And Digital Imaging Appliance For Selecting A Focus Setting With A Normalized Figure- of-merit
822498 74	National		11/13/2 009		PCT/EP2009/ 065171	Patent Cooper ation Treaty	Data Centre And Apparatus And Method For Data Centre Cooling

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

822499 46	National		7/31/20 09		PCT/US2009 /052394	Patent Cooper ation Treaty	PHOTONIC QUANTUM SYSTEM ALIGNMENT USING MULTIPLE BEAMS
822501 95	National		10/26/2 009		PCT/EP2009/ 064067	Patent Cooper ation Treaty	Quantum Repeater And System And Method For Creating Extended Entanglements
822506 96	National		1/20/20 10		PCT/GB2010 /050076	Patent Cooper ation Treaty	Authentication Method And Apparatus Using One Time Pads
822586 22	National		7/31/20 09		PCT/US2009 /052409	Patent Cooper ation Treaty	Optical Fiber Connector
822587 66	National		5/6/200 9		PCT/US2009 /002798	Patent Cooper ation Treaty	BUS-BASED SCALABLE OPTICAL FABRICS
822591 80	National		10/26/2 009		PCT/EP2009/ 064065	Patent Cooper ation Treaty	METHOD AND APPARATUS FOR INCREASING THE SPEED OF SUCCESSFUL ENTANGLEMEN T CREATION AND QUANTUM REPEATER USING THE SAME
822591 89	National		10/26/2 009		PCT/EP2009/ 064071	Patent Cooper ation Treaty	Quantum Repeater And System And Method For Creating Extended Entanglements
822591 98	National		10/26/2 009		PCT/EP2009/ 064069	Patent Cooper ation Treaty	Quantum Repeater And System And Method For Creating Extended Entanglements

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822593 12	National		10/15/2 009		PCT/US2009 /060919	Patent Cooper ation Treaty	A Hybrid Approach To Automated IT Change Planning
822593 18	National		9/18/20 09		PCT/US2009 /057565	Patent Cooper ation Treaty	Privacy Ensured Polling
822595 34	National		10/15/2 009		PCT/US2009 /060923	Patent Cooper ation Treaty	HETEROGENEOU S DATA SOURCE MANAGEMENT
822596 99	National		10/26/2 009		PCT/GB2009 /051437	Patent Cooper ation Treaty	Method And Apparatus For Selectively Routing Entanglement Building
822601 82	National		12/21/2 009		PCT/US2009 /069038	Patent Cooper ation Treaty	CIRCUIT SWITCHED OPTICAL INTERCONNECTI ON FABRIC
822603 68	National		10/8/20 10		PCT/EP2010/ 065123	Patent Cooper ation Treaty	METHOD AND SYSTEM FOR PRINTING
822608 42	National		12/18/2 009		PCT/US2009 /068662	Patent Cooper ation Treaty	REFLECTIVE DISPLAY
822613 91	National		10/8/20 10		PCT/US2010 /052052	Patent Cooper ation Treaty	ELECTRONIC SYSTEM HAVING FANOUT OPTICAL BUSES
822619 76	National		9/1/201 0		PCT/US2010 /047495	Patent Cooper ation Treaty	PERFORMING WHAT-IF ANALYSIS

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822619 85	National		6/15/20 10		PCT/US2010 /038666	Patent Cooper ation Treaty	Volume Management
822620 81	National		6/23/20 10		PCT/US2010 /039597	Patent Cooper ation Treaty	Authorization Control
822625 16	National		4/9/201 0		PCT/US2010 /030530	Patent Cooper ation Treaty	PROJECT CLUSTERING AND RELATIONSHIP VISUALIZATION
822625 73	National		5/19/20 10		PCT/US2010 /035352	Patent Cooper ation Treaty	OPTICAL INTERCONNECT FABRICS AND OPTICAL SWITCHES
822625 76	National		5/20/20 10		PCT/US2010 /035661	Patent Cooper ation Treaty	SWITCHING IN A NETWORK DEVICE
822627 59	National		10/8/20 10		PCT/US2010 /051910	Patent Cooper ation Treaty	DATA DEDUPLICATION
822629 57	National		4/29/20 10		PCT/US2010 /032891	Patent Cooper ation Treaty	Multi-jurisdiction Retention Scheduling For Record Management
822637 43	National		9/23/20 10		PCT/US2010 /049947	Patent Cooper ation Treaty	METHODS, APPARATUS AND SYSTEMS FOR MONITORING LOCATIONS OF DATA WITHIN A NETWORK SERVICE
822645 53	National		10/27/2 010		PCT/US2010 /054269	Patent Cooper ation Treaty	RECEIVERS AND TRANSCIEVERS FOR OPTICAL MULTIBUS SYSTEMS

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

822651 83	National		6/16/20 11		PCT/US2011 /040658	Patent Cooper ation Treaty	System and Method for Policy Generation
822652 37	National		1/27/20 11		PCT/US2011 /022709	Patent Cooper ation Treaty	IDENTIFY POTENTIAL ACCOUNT NUMBERS IN A SINGLE PASS OF A LIST OF DIGITS
822759 08	National		1/20/20 11		PCT/US2011 /021891	Patent Cooper ation Treaty	COMPOSITE PROCESSORS
822761 33	National		9/30/20 10		PCT/EP2010/ 064612	Patent Cooper ation Treaty	Virtual Machines
822765 65	National	1372331	3/28/20 03	3/22/20 06	03251968.8	Europe an Patent	Projecting Cost On Past Usage And Differing Qos Services
822769 49	National		3/17/20 03		PCT/GB2003 /001151	Patent Cooper ation Treaty	Auditing Of Secure Communication Sessions Over A Communication Network
822769 61	National		3/17/20 03		PCT/GB2003 /001152	Patent Cooper ation Treaty	Ensuring Policy Enforcement Before Allowing Usage Of Private Key
822771 26	National	1355445	3/28/20 03	10/17/2 007	03251967.0	Europe an Patent	Method And Apparatus For Encrypting/decrypti ng Data
822771 44	National	1473868	4/27/20 04	2/27/20 08	04076265.0	Europe an Patent	Method And Apparatus For Passing Data Securely Between Parties

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822771 98	National	1378821	7/1/200 3	1/28/20 09	03254190.6	Europe an Patent	Authentication Method And Apparatus Using Pairing Functions For The Elliptic Curves Based Cryptosystems
825852 68	National		3/3/201 1		PCT/US2011 /027072	Patent Cooper ation Treaty	RECORDS MANAGEMENT SYSTEM
826323 92	National		1/28/20 11		PCT/US2011 /022934	Patent Cooper ation Treaty	QUANTUM KEY DISTRIBUTION METHOD AND APPARATUS
826323 94	National		1/28/20 11		PCT/US2011 /022893	Patent Cooper ation Treaty	QUANTUM KEY DISTRIBUTION METHOD AND APPARATUS
826405 17	National		6/14/20 11		PCT/US2011 /040316	Patent Cooper ation Treaty	DEDUPLICATION IN DISTRIBUTED FILE SYSTEMS
826412 34	National		4/7/201 1		PCT/US2011 /031593	Patent Cooper ation Treaty	Managing Data
826648 35	National		5/2/201 1		PCT/US2011 /034804	Patent Cooper ation Treaty	Digital Signatures
826753 41	National	2352953	11/13/2 009	1/2/201 3	09775127.5	Europe an Patent	Data Centre And Apparatus And Method For Data Centre Cooling
826920 33	National	2350772	10/31/2 008	9/13/20 17	08877842.8	Europe an Patent	Prioritized Optical Arbitration Systems And Methods

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827237 38	National	2353287	10/31/2 008	3/13/20 13	08875257.1	Europe an Patent	A Method And Digital Imaging Appliance For Selecting A Focus Setting With A Normalized Figure- of-merit
827491 65	National		7/11/20 11		PCT/US2011 /043581	Patent Cooper ation Treaty	POLICY-BASED DATA MANAGEMENT
827523 42	National		6/7/201 1		PCT/US2011 /039512	Patent Cooper ation Treaty	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR VIRTUALIZED DATACENTERS
827534 81	National		5/1/201 2		PCT/US2012 /035917	Patent Cooper ation Treaty	DETERMINING SEGMENT BOUNDARIES FOR DEDUPLICATION
827934 38	National		7/29/20 11		PCT/US2011 /045996	Patent Cooper ation Treaty	CREDENTIAL VALIDATION
828323 39	National		2/29/20 12		PCT/US2012 /027056	Patent Cooper ation Treaty	Continuous Recording Multichannel Disk- based Data Logging
828356 29	National		1/31/20 12		PCT/US2012 /023219	Patent Cooper ation Treaty	HYBRID ELECTRO- OPTICAL PACKAGE FOR AN OPTO- ELECTRONIC ENGINE
828475 66	National		10/14/2 011		PCT/US2011 /056327	Patent Cooper ation Treaty	PERFORMING A REPLICATION OPERATION IN RESPONSE TO MOVEMENT OF A VIRTUAL DATA CONTAINER

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82848201	National		11/4/2011		PCT/US2011/059275	Patent Cooperation Treaty	Fault Processing in a System
82848217	National		10/14/2011		PCT/US2011/056328	Patent Cooperation Treaty	USING A VIRTUAL BOOT DEVICE TO ACCESS A SYSTEM RECOVERY IMAGE
82854808	National		2/2/2012		PCT/US2012/023649	Patent Cooperation Treaty	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION
82854827	National		9/28/2011		PCT/US2011/053723	Patent Cooperation Treaty	HOST BASED WRITE ORDERING FOR ASYNCHRONOUS REPLICATION
82863213	National		10/27/2011		PCT/US2011/057971	Patent Cooperation Treaty	GENERATING A VISUAL REPRESENTATION
82879819	National	2427994	10/26/2009	9/25/2013	09743889.9	European Patent	Method And Apparatus For Creating Entanglements And Quantum Repeater Utilising The Same
82900686	National		3/30/2012		PCT/US2012/031403	Patent Cooperation Treaty	AUTHORIZATION CACHE
82911672	National		2/22/2012		PCT/US2012/026040	Patent Cooperation Treaty	COMPUTER INFRASTRUCTURE SECURITY MANAGEMENT
82911690	National		4/12/2012		PCT/US2012/033179	Patent Cooperation Treaty	RECONFIGURATION OF AN OPTICAL CONNECTION INFRASTRUCTURE

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829154 81	National		4/24/20 12		PCT/US2012 /034758	Patent Cooper ation Treaty	IDENTIFYING NETWORK COMMUNICATIO N PATTERNS
829296 65	National	2909955	10/26/2 009	7/13/20 16	09748459.6	Europe an Patent	Method And Apparatus For Selectively Routing Entanglement Building
829306 36	National		3/13/20 12		PCT/US2012 /028916	Patent Cooper ation Treaty	Submatch Extraction
829397 26	National	2529503	1/28/20 11	9/12/20 18	11737715.0	Europe an Patent	QUANTUM KEY DISTRIBUTION METHOD AND APPARATUS
829624 77	National		3/15/20 12		PCT/US2012 /029144	Patent Cooper ation Treaty	Accessing And Replicating Backup Data Objects
829624 81	National		3/15/20 12		PCT/IN2012/ 000178	Patent Cooper ation Treaty	REGULATING A REPLICATION OPERATION
829624 85	National		4/24/20 12		PCT/US2012 /034794	Patent Cooper ation Treaty	Determining A Schedule For A Job To Replicate An Object Stored On A Storage Appliance
829630 49	National		3/8/201 2		PCT/US2012 /028268	Patent Cooper ation Treaty	MODIFYING VIRTUAL MACHINE COMMUNICATIO NS
829633 50	National		4/27/20 12		PCT/US2012 /035334	Patent Cooper ation Treaty	DATA CENTER SERVICE ORIENTED NETWORKING

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

83034270	National	2572475	5/20/2010	5/15/2019	10851886.1	European Patent	SWITCHING IN A NETWORK DEVICE
83051655	National		7/20/2012		PCT/US2012/047680	Patent Cooperation Treaty	MIGRATING APPLICATIONS BETWEEN NETWORKS
83101853	National		9/28/2012		PCT/US2012/057819	Patent Cooperation Treaty	APPLICATION RANDOMIZATION
83101904	National		1/31/2013		PCT/US2013/024135	Patent Cooperation Treaty	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH
83102584	National		12/21/2012		PCT/US2012/071222	Patent Cooperation Treaty	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
83111670	National		10/31/2012		PCT/US2012/062810	Patent Cooperation Treaty	WRITING STANDARD TAPE FORMAT TO MEMORY
83129110	National		1/30/2013		PCT/US2013/023725	Patent Cooperation Treaty	FAILOVER IN RESPONSE TO FAILURE OF A PORT
83135100	National	2622487	9/28/2011	7/15/2015	11833057.0	European Patent	HOST BASED WRITE ORDERING FOR ASYNCHRONOUS REPLICATION
83141575	National		4/29/2013		PCT/US2013/038591	Patent Cooperation Treaty	NON-VOLATILE MEMORY TO STORE RESETTABLE DATA

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832051 41	National		4/24/20 13		PCT/US2013 /038017	Patent Cooper ation Treaty	LOCATION SIGNATURES
832051 50	National		4/24/20 13		PCT/US2013 /038023	Patent Cooper ation Treaty	DISPLACEMENT SIGNATURES
832097 65	National		8/9/201 3		PCT/US2013 /054254	Patent Cooper ation Treaty	SWITCH ASSEMBLY
832111 45	National		5/16/20 13		PCT/US2013 /041379	Patent Cooper ation Treaty	SELECTING A STORE FOR DEDUPLICATED DATA
832111 51	National		5/16/20 13		PCT/US2013 /041369	Patent Cooper ation Treaty	SELECTING A STORE FOR DEDUPLICATED DATA
832111 55	National		5/16/20 13		PCT/US2013 /041360	Patent Cooper ation Treaty	REPORTING DEGRADED STATE OF DATA RETRIEVED FOR DISTRIBUTED OBJECT
832111 59	National		5/16/20 13		PCT/US2013 /041350	Patent Cooper ation Treaty	DEDUPLICATED DATA STORAGE SYSTEM HAVING DISTRIBUTED MANIFEST
832113 36	National		5/14/20 13		PCT/US2013 /040970	Patent Cooper ation Treaty	Detection of a Security Event
832673 41	National		7/31/20 13		PCT/US2013 /052969	Patent Cooper ation Treaty	DETERMINING THE POSITION OF A MOBILE DEVICE WITHIN A STRUCTURE

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83268648	National		8/29/2013		PCT/EP2013/067948	Patent Cooperation Treaty	DETERMINING AN ERROR DURING DATA EXTRACTING
83270941	National		7/30/2013		PCT/US2013/052646	Patent Cooperation Treaty	DATA MANAGEMENT
83271715	National		7/26/2013		PCT/US2013/052337	Patent Cooperation Treaty	DATA VIEW BASED ON CONTEXT
83273417	National		7/18/2013		PCT/US2013/050990	Patent Cooperation Treaty	REMOTE STORAGE
83276228	National		7/29/2013		PCT/US2013/052590	Patent Cooperation Treaty	INTEGRITY OF FREQUENTLY USED DE-DUPLICATION OBJECTS
83410344	National		9/27/2013		PCT/US2013/062168	Patent Cooperation Treaty	Application Control Flow Models
83422021	National	2666097	1/20/2011	10/25/2017	11855929.3	European Patent	COMPOSITE PROCESSORS
83584485	National		9/30/2013		PCT/EP2013/070383	Patent Cooperation Treaty	PROCESSING AN ACTION BASED ON AN ATTRIBUTE
83602790	National		11/26/2013		PCT/EP2013/074780	Patent Cooperation Treaty	DETERMINING COMPRESSION TECHNIQUES TO APPLY TO DOCUMENTS

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836126 77	National		11/27/2 013		PCT/US2013 /072145	Patent Cooper ation Treaty	META DATA AND DATA VERIFICATION
836234 19	National		10/31/2 013		PCT/US2013 /067825	Patent Cooper ation Treaty	NETWORK DATABASE HOSTING
836234 84	National		10/30/2 013		PCT/US2013 /067534	Patent Cooper ation Treaty	ASSIGNING RESOURCE PERMISSIONS
836312 27	National		10/31/2 013		PCT/US2013 /067770	Patent Cooper ation Treaty	TRUSTED FUNCTION BASED DATA ACCESS SECURITY CONTROL
836318 95	National		10/31/2 013		PCT/US2013 /067766	Patent Cooper ation Treaty	MEMORY INTEGRITY CHECKING
836321 54	National		10/31/2 013		PCT/US2013 /067759	Patent Cooper ation Treaty	COPY-ON-WRITE UPDATE- TRIGGERED CONSISTENCY
837011 30	National	2729876	10/14/2 011	6/1/201 6	11874029.9	Europe an Patent	PERFORMING A REPLICATION OPERATION IN RESPONSE TO MOVEMENT OF A VIRTUAL DATA CONTAINER
837018 50	National		10/29/2 013		PCT/US2013 /067219	Patent Cooper ation Treaty	VIRTUAL MACHINE INTROSPECTION
837212 77	National	2719124	6/7/201 1	4/11/20 18	11867520.6	Europe an Patent	A SCALABLE MULTI-TENANT NETWORK ARCHITECTURE FOR

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							VIRTUALIZED DATACENTERS
837348 11	National		4/4/2014		PCT/US2014 /032920	Patent Cooper ation Treaty	STORING AND RETRIEVING CIPHERTEXT IN DATA STORAGE
837352 71	National		1/29/2014		PCT/US2014 /013684	Patent Cooper ation Treaty	MANAGING A NUMBER OF ETHERNET LINKS
837353 07	National		2/18/2014		PCT/US2014 /016780	Patent Cooper ation Treaty	RISK ASSESSMENT
837353 90	National		12/18/2013		PCT/US2013 /075904	Patent Cooper ation Treaty	PATCHING OF VIRTUAL MACHINES DURING DATA RECOVERY
837358 40	National		5/15/2014		PCT/US2014 /038207	Patent Cooper ation Treaty	NETWORK TRAFFIC TUNING
837637 42	National		1/31/2014		PCT/US2014 /014060	Patent Cooper ation Treaty	COMMUNICATIN G BETWEEN A CLUSTER AND A NODE EXTERNAL TO THE CLUSTER
837665 84	National		3/14/2014		PCT/US2014 /029030	Patent Cooper ation Treaty	SEMANTIC RESTRICTION
837743 11	National		3/14/2014		PCT/US2014 /028697	Patent Cooper ation Treaty	RESOURCE RESTRICTION

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83776059	National	2737656	7/29/2011	9/5/2018	11870379.2	European Patent	CREDENTIAL VALIDATION
83822579	National		4/30/2014		PCT/US2014/036034	Patent Cooperation Treaty	Network Fabric Control
83826082	National		5/1/2014		PCT/EP2014/058958	Patent Cooperation Treaty	DYNAMICALLY SCALED WEB SERVICE DEPLOYMENTS
83832777	National		4/25/2014		PCT/US2014/035483	Patent Cooperation Treaty	A statistics-based genetic algorithm for learning classifiers of OS trace data, applied to malware detection
83834010	National		5/23/2014		PCT/US2014/039312	Patent Cooperation Treaty	READ AHEAD BUFFER PROCESSING
83857264	National		3/20/2014		PCT/US2014/031328	Patent Cooperation Treaty	Storage System Transactions
83862722	National		3/27/2014		PCT/EP2014/056239	Patent Cooperation Treaty	SCHEDULING DOWNLOADS
83928790	National		7/2/2014		PCT/US2014/045204	Patent Cooperation Treaty	MANAGING PORT CONNECTIONS
83928796	National		9/5/2014		PCT/US2014/054174	Patent Cooperation Treaty	DATA STORAGE OVER FIBRE CHANNEL

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

839510 87	National		5/23/20 14		PCT/US2014 /039279	Patent Cooper ation Treaty	AGGREGATING DATA FOR VISUALIZATION
839530 59	National		5/15/20 14		PCT/US2014 /038204	Patent Cooper ation Treaty	NETWORK SCHEDULING
839534 14	National		9/26/20 14		PCT/US2014 /057907	Patent Cooper ation Treaty	STORAGE OF HYPERVISOR MESSAGES IN NETWORK PACKETS GENERATED BY VIRTUAL MACHINES
839536 49	National		3/11/20 15		PCT/US2015 /019968	Patent Cooper ation Treaty	DYNAMICALLY ADJUSTING A MODEL FOR A SECURITY OPERATIONS CENTER
839582 12	National		8/13/20 14		PCT/US2014 /050950	Patent Cooper ation Treaty	NON-VOLATILE STORAGE OF MANAGEMENT DATA
839582 56	National		7/29/20 14		PCT/US2014 /048673	Patent Cooper ation Treaty	STORAGE TRANSACTIONS
839587 20	National		7/30/20 14		PCT/US2014 /048872	Patent Cooper ation Treaty	KEY SEARCH TOKEN FOR ENCRYPTED DATA
839596 65	National		6/30/20 14		PCT/US2014 /044875	Patent Cooper ation Treaty	CONCURRENT DEAD ACTOR COLLECTION
839600 39	National		7/25/20 14		PCT/US2014 /048228	Patent Cooper ation Treaty	CONSTRAINING AUTHORIZATIO N TOKENS VIA FILTERING

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

83960044	National		7/31/2014		PCT/US2014/049191	Patent Cooperation Treaty	CREATING A SECURITY REPORT FOR A CUSTOMER NETWORK
83960054	National		7/31/2014		PCT/US2014/049152	Patent Cooperation Treaty	REMEDIATING A SECURITY THREAT TO A NETWORK
83961259	National		5/29/2014		PCT/US2014/039903	Patent Cooperation Treaty	BACKUP STORAGE
83966534	National		8/4/2014		PCT/US2014/049550	Patent Cooperation Treaty	NETWORK INFRASTRUCTURE MANAGEMENT
83972803	National	2810171	2/2/2012	7/3/2019	12867467.8	European Patent	SYSTEMS AND METHODS FOR DATA CHUNK DEDUPLICATION
83996498	National		9/3/2014		PCT/US2014/053825	Patent Cooperation Treaty	RELATIONSHIP BASED CACHE RESOURCE NAMING AND EVALUATION
83996506	National		7/31/2014		PCT/US2014/049075	Patent Cooperation Treaty	SHADOW ELEMENTS
84019770	National	2842045	4/27/2012	12/5/2018	12875325.8	European Patent	DATA CENTER SERVICE ORIENTED NETWORKING
84029869	National		8/28/2014		PCT/US2014/053158	Patent Cooperation Treaty	MOVING DATA CHUNKS

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Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

84030553	National		10/23/2014		PCT/US2014/061934	Patent Cooperation Treaty	ADMISSIONS CONTROL OF A DEVICE
84030655	National		12/2/2014		PCT/US2014/068009	Patent Cooperation Treaty	TRACKING OF ASSETS
84030688	National		10/30/2014		PCT/US2014/063169	Patent Cooperation Treaty	SECURE TRANSACTIONS IN A MEMORY FABRIC
84030763	National		10/30/2014		PCT/US2014/063174	Patent Cooperation Treaty	ENCRYPTION FOR TRANSACTIONS IN A MEMORY FABRIC
84030849	National		12/23/2014		PCT/US2014/072231	Patent Cooperation Treaty	PREVENTION OF A PREDETERMINED ACTION REGARDING DATA
84030861	National		9/18/2014		PCT/US2014/056347	Patent Cooperation Treaty	DATA TO BE BACKED UP IN A BACKUP SYSTEM
84030874	National		9/22/2014		PCT/US2014/056755	Patent Cooperation Treaty	IDENTIFICATION OF CONTENT-DEFINED CHUNK BOUNDARIES
84031162	National		10/31/2014		PCT/US2014/063281	Patent Cooperation Treaty	INDICATING A PRIVILEGE LEVEL
84031261	National		10/31/2014		PCT/US2014/063332	Patent Cooperation Treaty	SYSTEMS AND METHODS FOR RESTRICTING WRITE ACCESS TO NON-VOLATILE MEMORY

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

84031500	National		9/24/2014		PCT/US2014/057151	Patent Cooperation Treaty	UTILIZING ERROR CORRECTION (ECC) FOR SECURE SECRET SHARING
84031512	National		9/30/2014		PCT/US2014/058286	Patent Cooperation Treaty	AN OVERLAY STREAM OF OBJECTS
84031516	National		11/17/2014		PCT/US2014/065948	Patent Cooperation Treaty	Snapshot Backup
84031527	National		12/15/2014		PCT/US2014/070421	Patent Cooperation Treaty	DATA RESTORATION USING ALLOCATION MAPS
84031535	National		11/11/2014		PCT/US2014/064957	Patent Cooperation Treaty	Balancing Thread Groups
84033487	National		10/22/2014		PCT/US2014/061801	Patent Cooperation Treaty	DATA RESTORATION USING BLOCK DISK PRESENTATIONS
84034655	National		1/30/2015		PCT/US2015/013761	Patent Cooperation Treaty	DATA ENCRYPTION
84076326	National	2875439	7/20/2012	2/20/2019	12881312.8	European Patent	MIGRATING APPLICATIONS BETWEEN NETWORKS
84107333	National		12/15/2014		PCT/US2014/070403	Patent Cooperation Treaty	SNAPSHOT CREATION

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 Between Hewlett-Packard Limited (GB00 / GB40), as Assignor, and HPED, as Assignee

84111880	National		11/28/2014		PCT/US2014/067814	Patent Cooperation Treaty	VERIFYING A NETWORK CONFIGURATION
84111904	National		11/28/2014		PCT/US2014/067818	Patent Cooperation Treaty	VERIFYING NETWORK ELEMENTS
84111925	National		4/10/2015		PCT/US2015/025454	Patent Cooperation Treaty	NETWORK ANOMALY DETECTION
84113103	National		3/20/2015		PCT/US2015/021632	Patent Cooperation Treaty	DATASTREAM BLOCK ENCRYPTION
84124745	National	2951963	1/30/2013	4/24/2019	13873588.1	European Patent	FAILOVER IN RESPONSE TO FAILURE OF A PORT
84141335	National	2936496	12/21/2012	11/28/2018	12890251.7	European Patent	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
84169131	National		8/20/2015		PCT/CN2015/087710	Patent Cooperation Treaty	CONTAINERIZED VIRTUAL NETWORK FUNCTION
84170154	National		7/29/2015		PCT/US2015/042661	Patent Cooperation Treaty	FIREWALL TO DETERMINE ACCESS TO A PORTION OF MEMORY
84173630	National		6/5/2015		PCT/US2015/034393	Patent Cooperation Treaty	REMOTE ATTESTATION OF A NETWORK ENDPOINT DEVICE

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841736 45	National		5/18/20 15		PCT/EP2015/ 060913	Patent Cooper ation Treaty	Automated entity- resolution methods and systems
841736 49	National		5/28/20 15		PCT/EP2015/ 061892	Patent Cooper ation Treaty	LINKING DATASETS
841736 82	National		6/12/20 15		PCT/US2015 /035576	Patent Cooper ation Treaty	DISK STORAGE ALLOCATION
842401 88	National		7/7/201 5		PCT/EP2015/ 065514	Patent Cooper ation Treaty	GRAPH DATABASES
842601 33	National		8/7/201 5		PCT/US2015 /044143	Patent Cooper ation Treaty	ENCRYPTED DATA CHUNKS
842627 14	National		9/23/20 15		PCT/US2015 /051596	Patent Cooper ation Treaty	SNAPSHOT STORAGE MANAGEMENT
842647 71	National		9/14/20 15		PCT/US2015 /049936	Patent Cooper ation Treaty	SECURE MEMORY SYSTEMS
842647 82	National		7/31/20 15		PCT/EP2015/ 067732	Patent Cooper ation Treaty	CATEGORY BASED EXECUTION SCHEDULING
842648 94	National		8/14/20 15		PCT/EP2015/ 068792	Patent Cooper ation Treaty	DATA REPLICATION IN MEMORY SYSTEMS

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842649 52	National		7/31/20 15		PCT/EP2015/ 067690	Patent Cooper ation Treaty	COMMIT BASED MEMORY OPERATION IN A MEMORY SYSTEM
842649 56	National		7/31/20 15		PCT/EP2015/ 067683	Patent Cooper ation Treaty	METHODS TO CREATE LOGICAL TREES OF MEMORY SYSTEMS
842651 06	National		10/30/2 015		PCT/US2015 /058240	Patent Cooper ation Treaty	SOFTWARE KIT RELEASE MANAGEMENT
842652 31	National		1/21/20 16		PCT/US2016 /014358	Patent Cooper ation Treaty	Software Validation for Untrusted Computing Systems
842656 24	National		8/14/20 15		PCT/EP2015/ 068765	Patent Cooper ation Treaty	MODIFICATION OF DATA ELEMENTS USING A SEMANTIC RELATIONSHIP
842656 28	National		9/24/20 15		PCT/EP2015/ 072043	Patent Cooper ation Treaty	RESILIENT MEMORY FABRIC
842656 52	National		9/24/20 15		PCT/EP2015/ 072044	Patent Cooper ation Treaty	MEMORY SYSTEM MANAGEMENT
842656 65	National		7/31/20 15		PCT/EP2015/ 067659	Patent Cooper ation Treaty	MIGRATION OF COMPUTER SYSTEMS
842656 75	National		7/27/20 15		PCT/EP2015/ 067172	Patent Cooper ation Treaty	SCHEDULING HETEROGENOUS PROCESSORS

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842656 81	National		7/30/20 15		PCT/EP2015/ 067543	Patent Cooper ation Treaty	CRYPTOGRAPHI C DATA
842656 85	National		7/30/20 15		PCT/EP2015/ 067603	Patent Cooper ation Treaty	MEMORY ACCESS CONTROL METHOD AND SYSTEM
900227 59	National	2951940	7/31/20 15	8/21/20 19	13873163.3	Europe an Patent	RADIX ENHANCEMENT FOR PHOTONIC PACKET SWITCH
900341 64	National		8/28/20 15		PCT/US2015 /047381	Patent Cooper ation Treaty	Managing Sets of Transactions for Replication
900341 68	National		8/28/20 15		PCT/US2015 /047384	Patent Cooper ation Treaty	Managing Manifests for Replication
900341 76	National		8/28/20 15		PCT/US2015 /047391	Patent Cooper ation Treaty	Collision Handling During an Asynchronous Replication
900350 97	National		11/27/2 015		PCT/EP2015/ 077889	Patent Cooper ation Treaty	Distribution of Gen-Z Transaction Integrity Keys
900369 50	National		10/21/2 015		PCT/GB2015 /053155	Patent Cooper ation Treaty	Assignment of Processes to Computational Resources
900373 60	National		11/4/20 15		PCT/US2015 /058950	Patent Cooper ation Treaty	STORAGE MANAGEMENT OF METADATA

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900374 49	National		1/19/20 16		PCT/US2016 /013910	Patent Cooper ation Treaty	ACCESSING OBJECTS VIA OBJECT REFERENCES
900374 53	National		12/18/2 015		PCT/US2015 /066758	Patent Cooper ation Treaty	DATA TYPE MANAGEMENT
900377 87	National		8/31/20 15		PCT/US2015 /047691	Patent Cooper ation Treaty	COLLECTING DOMAIN NAME SYSTEM TRAFFIC
900378 59	National		11/25/2 015		PCT/US2015 /062665	Patent Cooper ation Treaty	CONFIGURATIO N OF A MEMORY CONTROLLER FOR COPY-ON- WRITE
900378 87	National		11/17/2 015		PCT/US2015 /061031	Patent Cooper ation Treaty	HANDLING NETWORK THREATS
900608 49	National		9/21/20 15		PCT/US2015 /051119	Patent Cooper ation Treaty	IDENTIFICATION OF A DNS PACKET AS MALICIOUS BASED ON A VALUE
901139 99	National		1/29/20 16		PCT/US2016 /015785	Patent Cooper ation Treaty	DEVICE ATTESTATION
901157 56	National		12/4/20 15		PCT/US2015 /063945	Patent Cooper ation Treaty	COMBINING HASHES OF DATA BLOCKS
901412 46	National	3025247	7/26/20 13	10/24/2 018	13889831.7	Europe an Patent	DATA VIEW BASED ON CONTEXT

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90157632	National	3031187	8/9/2013	11/6/2019	13890993.2	European Patent	SWITCH ASSEMBLY
90162523	National		4/21/2016		PCT/US2016/028563	Patent Cooperation Treaty	DETERMINING A PERSISTENT NETWORK IDENTITY OF A NETWORKED DEVICE
90163192	National		4/29/2016		PCT/US2016/030099	Patent Cooperation Treaty	HIERARCHICAL RULE CLUSTERING
90163827	National		4/11/2016		PCT/US2016/026914	Patent Cooperation Treaty	SENDING DE DUPLICATED DATA AND REHYDRATING AGENT
90164237	National		4/22/2016		PCT/US2016/028902	Patent Cooperation Treaty	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE WITH A RESOURCE CONTROLLER
90164287	National		6/8/2016		PCT/US2016/036366	Patent Cooperation Treaty	EXECUTING SERVICES IN CONTAINERS
90164306	National		2/26/2016		PCT/US2016/019740	Patent Cooperation Treaty	FAULT ISOLATION IN TRANSACTION LOGS
90165508	National		3/24/2016		PCT/US2016/024052	Patent Cooperation Treaty	TEXT ENCRYPTION
90175109	National		3/31/2016		PCT/US2016/025379	Patent Cooperation Treaty	MULTI-CREDENTIAL AUTHENTICATION

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90175975	National		3/31/2016		PCT/US2016/025323	Patent Cooperation Treaty	TRANSACTION MANAGEMENT FOR MULTI-NODE CLUSTERS
90177278	National	3063692	10/29/2013	7/24/2019	13896266.7	European Patent	VIRTUAL MACHINE INTROSPECTION
90177306	National	3063627	10/31/2013	2/26/2020	13896796.3	European Patent	MEMORY INTEGRITY CHECKING
90239211	National	3100416	1/29/2014	10/16/2019	14880912.2	European Patent	MANAGING A NUMBER OF ETHERNET LINKS
90444858	National		11/16/2016		PCT/US2016/062316	Patent Cooperation Treaty	Method and System for Shared Direct Access Storage
90489805	National	3311280	8/14/2015	3/27/2019	15751003.3	European Patent	DATA REPLICATION IN MEMORY SYSTEMS
90489825	National	3298501	7/31/2015	11/13/2019	15745472.9	European Patent	METHODS TO CREATE LOGICAL TREES OF MEMORY SYSTEMS
90489855	National	3278519	9/24/2015	8/21/2019	15770511.2	European Patent	MEMORY SYSTEM MANAGEMENT
90489877	National	3292495	7/30/2015	10/30/2019	15744571.9	European Patent	Cryptographic Identities of Nodes in TheMachine

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904899 98	National	3262783	11/27/2015	1/8/2020	15801180.9	European Patent	Distribution of Gen-Z Transaction Integrity Keys
904900 63	National	3275151	8/31/2015	4/29/2020	15903192.1	European Patent	COLLECTING DOMAIN NAME SYSTEM TRAFFIC
904900 87	National	3274896	4/22/2016	8/21/2019	16894801.6	European Patent	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE WITH A RESOURCE CONTROLLER
904925 14	National	3272060	3/20/2015	5/1/2019	15886621.0	European Patent	DATASTREAM BLOCK ENCRYPTION
904965 13	National	3265929	5/18/2015	4/17/2019	15724591.1	European Patent	Automated entity-resolution methods and systems
905013 35	National	3312758	10/19/2017	8/21/2019	17197398.5	European Patent	ENCRYPTED CAPABILITIES STORED IN GLOBAL MEMORY
905417 67	National	3370151	2/28/2018	11/13/2019	18159058.9	European Patent	RECOVERY SERVICES FOR COMPUTING SYSTEMS
906158 23	National	3425507	7/20/2018	4/8/2020	18184850.8	European Patent	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
842230 72	Published		6/11/2015		10201521073 4.5	Germany (Federal Republic of)	MANAGEMENT OF CRYPTOGRAPHIC KEYS

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90086457	Published		5/16/2013		13884582.1	European Patent	SELECTING A STORE FOR DE DUPLICATED DATA
90086494	Published		5/16/2013		13884415.4	European Patent	SELECTING A STORE FOR DE DUPLICATED DATA
90088033	Published		5/16/2013		13884384.2	European Patent	REPORTING DEGRADED STATE OF DATA RETRIEVED FOR DISTRIBUTED OBJECT
90145378	Published		4/26/2016		15/139300	United States of America	ZERO TOUCH PROVISIONING
90214812	Published		7/29/2016		15/224335	United States of America	EXTRACTING GRAPH TOPOLOGY FROM DISTRIBUTED DATABASES
90239215	Published		1/29/2014		20148007771.7	China	MANAGING A NUMBER OF ETHERNET LINKS
90268850	Published		10/28/2016		15/337482	United States of America	TRANSLATING GQL QUERIES INTO SQL QUERIES
90268854	Published		10/28/2016		15/337316	United States of America	SOLVING GRAPH ROUTES INTO A SET OF POSSIBLE RELATIONSHIP CHAINS
90285720	Published		5/23/2014		15/307469	United States of America	READ AHEAD BUFFER PROCESSING

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90286601	Published		7/2/2014		15/305317	United States of America	MANAGING PORT CONNECTIONS
90311826	Published		1/31/2017		15/420736	United States of America	INPUT/OUTPUT DATA ENCRYPTION
90351373	Published		11/28/2014		15/500918	United States of America	VERIFYING NETWORK ELEMENTS
90362940	Published		8/31/2017		15/693149	United States of America	CAPABILITY ENFORCEMENT PROCESSORS
90402189	Published		10/31/2014		15/518218	United States of America	SYSTEMS AND METHODS FOR RESTRICTING WRITE ACCESS TO NON-VOLATILE MEMORY
90444857	Published		11/16/2016		15/353413	United States of America	Method and System for Shared Direct Access Storage
90447081	Published		12/15/2014		201480084442.7	China	DATA RESTORATION USING ALLOCATION MAPS
90452554	Published		1/22/2018		15/876370	United States of America	INTEGRITY VERIFICATION OF AN ENTITY
90456293	Published		10/20/2017		15/789198	United States of America	BACKUP ITEM METADATA INCLUDING RANGE INFORMATION

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90469567	Published		8/28/2015		15/547368	United States of America	MANAGING MANIFESTS FOR REPLICATION
90482949	Published		1/17/2018		15/873419	United States of America	DATA STRUCTURE MEASUREMENT COMPARISON
90483511	Published		4/30/2018		15/966423	United States of America	TRUSTED COMPUTING INTEGRITY MEASUREMENT ARCHITECTURE SECURITY FOR CONTAINERS
90485048	Published		12/14/2017		15/842123	United States of America	PERSISTENTLY STORE CACHED DATA OF A WRITE TO A BLOCK DEVICE PRESENTATION
90489830	Published		7/31/2015		15/572971	United States of America	METHODS TO CREATE LOGICAL TREES OF MEMORY SYSTEMS
90489835	Published		8/14/2015		15750742.7	European Patent	MODIFICATION OF DATA ELEMENTS USING A SEMANTIC RELATIONSHIP
90489845	Published		9/24/2015		15771912.1	European Patent	RESILIENT MEMORY FABRIC
90489850	Published		9/24/2015		15/573093	United States of America	RESILIENT MEMORY FABRIC
90489888	Published		7/30/2015		15745459.6	European Patent	MEMORY ACCESS CONTROL METHOD AND SYSTEM

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90490003	Published		11/27/2015		15/573565	United States of America	DISTRIBUTION AND VERIFICATION OF TRANSACTION INTEGRITY KEYS
90490049	Published		12/18/2015		15910962.8	European Patent	DATA TYPE MANAGEMENT
90490054	Published		12/18/2015		15/577846	United States of America	DATA TYPE MANAGEMENT
90490073	Published		11/25/2015		15909415.0	European Patent	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE
90490092	Published		4/22/2016		15/735660	United States of America	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE WITH A RESOURCE CONTROLLER
90495755	Published		7/30/2015		201580079007.X	China	Cryptographic Identities of Nodes in TheMachine
90495765	Published		7/31/2015		201580079049.3	China	CATEGORY BASED EXECUTION SCHEDULING
90495775	Published		7/31/2015		201580079050.6	China	Hardware-based Method of Live Migration in a Multi-node System
90495783	Published		1/21/2016		201680023124.9	China	Software Validation for Untrusted Computing Systems

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90495807	Published		8/14/2015		201580079042.1	China	MODIFICATION OF DATA ELEMENTS USING A SEMANTIC RELATIONSHIP
90495812	Published		8/14/2015		201580079041.7	China	DATA REPLICATION IN MEMORY SYSTEMS
90495821	Published		9/14/2015		201580078993.7	China	SECURE MEMORY SYSTEMS
90495836	Published		9/24/2015		201580079192.2	China	MEMORY SYSTEM MANAGEMENT
90495860	Published		11/27/2015		201580079037.0	China	Distribution of Gen-Z Transaction Integrity Keys
90495883	Published		4/22/2016		201680022878.2	China	CONFIGURATION OF A MEMORY CONTROLLER FOR COPY-ON-WRITE WITH A RESOURCE CONTROLLER
90496619	Published		7/27/2015		15745435.6	European Patent	SCHEDULING HETEROGENOUS PROCESSORS
90496624	Published		7/29/2015		15899851.8	European Patent	FIREWALL TO DETERMINE ACCESS TO A PORTION OF MEMORY
90496673	Published		8/28/2015		15903169.9	European Patent	Managing Manifests for Replication

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90501093	Published		3/24/2016		201680031687.2	China	TEXT ENCRYPTION
90501101	Published		3/31/2016		201680045042.4	China	TRANSACTION MANAGEMENT FOR MULTI-NODE CLUSTERS
90503945	Published		5/18/2015		15/575042	United States of America	Automated entity-resolution methods and systems
90509645	Published		1/21/2016		16886727.3	European Patent	Software Validation for Untrusted Computing Systems
90518841	Published		5/28/2015		15725620.7	European Patent	LINKING DATASETS
90518845	Published		5/28/2015		201580081319.4	China	LINKING DATASETS
90520818	Published		6/5/2015		15/579904	United States of America	REMOTE ATTESTATION OF A NETWORK ENDPOINT DEVICE
90526509	Published		7/7/2015		15734403.7	European Patent	GRAPH DATABASES
90526514	Published		7/7/2015		201580082227.8	China	GRAPH DATABASES

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905279 12	Publishe d		8/7/201 5		15/749574	United States of Americ a	ENCRYPTED DATA CHUNKS
905279 43	Publishe d		1/19/20 18		20181005392 1.2	China	INPUT/OUTPUT DATA ENCRYPTION
905279 48	Publishe d		1/15/20 18		18151583.4	Europe an Patent	INPUT/OUTPUT DATA ENCRYPTION
905284 26	Publishe d		1/15/20 18		18151627.9	Europe an Patent	CHANGING THE DEPLOYMENT STATUS OF A PRE-PROCESSOR OR ANALYTIC
905284 53	Publishe d		1/15/20 18		18151616.2	Europe an Patent	SYSTEM CALL POLICIES FOR CONTAINERS
905287 15	Publishe d		6/8/201 6		20168004260 1.6	China	EXECUTING SERVICES IN CONTAINERS
905287 19	Publishe d		6/8/201 6		16904792.5	Europe an Patent	EXECUTING SERVICES IN CONTAINERS
905319 90	Publishe d		7/29/20 15		15/746494	United States of Americ a	FIREWALL TO DETERMINE ACCESS TO A PORTION OF MEMORY
905391 06	Publishe d		10/21/2 015		15/754581	United States of Americ a	Assignment of Processes to Computational Resources

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90541212	Published		3/24/2016		15/754017	United States of America	TEXT ENCRYPTION
90541216	Published		3/2/2018		201810174681.1	China	RECOVERY SERVICES FOR COMPUTING SYSTEMS
90542096	Published		6/29/2018		16/023029	United States of America	DYNAMICALLY SCALED HYPERCONVERGED SYSTEM
90545404	Published		4/25/2018		15/962366	United States of America	KERNEL SPACE MEASUREMENT
90545408	Published		9/21/2018		16/138119	United States of America	Secure Data Protection
90545631	Published		4/30/2018		15/967583	United States of America	SYSTEMS AND METHODS FOR AGGREGATE BANDWIDTH AND LATENCY OPTIMIZATION
90545693	Published		1/21/2016		15/756977	United States of America	SOFTWARE VALIDATION FOR UNTRUSTED COMPUTING SYSTEMS
90605154	Published		11/17/2015		201580084661.X	China	HANDLING NETWORK THREATS
90605413	Published		11/17/2015		15908924.2	European Patent	HANDLING NETWORK THREATS

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90608780	Published		8/20/2018		16/105214	United States of America	Providing a Secure Object Store Using a Hierarchical Key System
90608827	Published		10/25/2018		16/171019	United States of America	SELECTING CLOUD STORAGE
90609392	Published		6/13/2018		16/007722	United States of America	MEASURING INTEGRITY OF COMPUTING SYSTEM
90609394	Published		6/13/2018		16/007683	United States of America	MEASURING INTEGRITY OF COMPUTING SYSTEM USING JUMP TABLE
90615799	Published		12/21/2012		201810789570.1	China	MEMORY MODULE HAVING ERROR CORRECTION LOGIC
90641609	Published		11/16/2016		16867052.9	European Patent	Method and System for Shared Direct Access Storage
90662763	Published		4/11/2016		201680086240.5	China	SENDING DEDUPLICATED DATA AND REHYDRATING AGENT
90663743	Published		4/11/2016		16/092403	United States of America	SENDING DEDUPLICATED DATA AND REHYDRATING AGENT
90686032	Published		6/8/2016		16/307922	United States of America	EXECUTING SERVICES IN CONTAINERS

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90686863	Published		12/17/2018		201811541529.9	China	DATA STRUCTURE MEASUREMENT COMPARISON
90686986	Published		12/14/2018		18212731.6	European Patent	DATA STRUCTURE MEASUREMENT COMPARISON
90693717	Published		1/22/2019		201910057627.3	China	INTEGRITY VERIFICATION OF AN ENTITY
90693722	Published		1/22/2019		19153133.4	European Patent	INTEGRITY VERIFICATION OF AN ENTITY
90699308	Published		1/29/2019		201910085074.2	China	MEMRISTIVE DOT PRODUCT ENGINE VIRTUALIZATION
90713924	Published		3/8/2019		201910176311.6	China	ENCLAVE LAUNCH AND AUTHENTICATION
90713960	Published		3/7/2019		19161400.7	European Patent	ENCLAVE LAUNCH AND AUTHENTICATION
90741022	Published		6/28/2019		201910577108.X	China	DYNAMICALLY SCALED HYPERCONVERGED SYSTEM
90741109	Published		6/28/2019		19183385.4	European Patent	DYNAMICALLY SCALED HYPERCONVERGED SYSTEM

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90764694	Published		8/15/2019		201910753508.1	China	Providing a Secure Object Store Using a Hierarchical Key System
90764875	Published		8/2/2019		19189868.3	European Patent	Providing a Secure Object Store Using a Hierarchical Key System
90785047	Published		9/25/2019		201910909058.0	China	Securing Firmware
90785347	Published		10/9/2019		19202294.5	European Patent	Securing Firmware
90836736	Published		7/25/2016		15/218762	United States of America	METHOD OF DATA DELIVERY ACROSS A NETWORK FABRIC IN A ROUTER OR ETHERNET BRIDGE
90489795	Published			7/31/2015	15748014.6	European Patent	CATEGORY BASED EXECUTION SCHEDULING
90489820	Published			7/31/2015	15/572996	United States of America	COMMIT BASED MEMORY OPERATION IN A MEMORY SYSTEM
90495760	Published			7/30/2015	201580079048.9	China	MEMORY ACCESS CONTROL METHOD AND SYSTEM
90518837	Published			5/28/2015	15/577332	United States of America	LINKING DATASETS

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