

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4527761

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HANGZHOU H3C TECHNOLOGIES CO., LTD.	05/01/2016
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:	15522818
CORRESPONDENCE DATA		
Fax Number:		
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Email:	hpe.ip.mail@hpe.com	
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Address Line 4:	FORT COLLINS, COLORADO 80528	
ATTORNEY DOCKET NUMBER:	90427177	
NAME OF SUBMITTER:	DEBORAH HIGHAM	
SIGNATURE:	/Deborah Higham/	
DATE SIGNED:	07/31/2017	
Total Attachments: 35		
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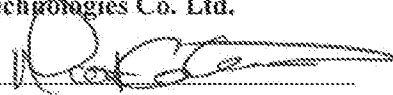
ASSIGNMENT OF PATENT RIGHTS

As of this 1st day of May, 2016 (the "Effective Date"), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, H3C Technologies Co. Ltd., a limited company incorporated in the Hong Kong with a place of business at Room 2301, Caroline Centre, Lee Gardens Two, 28 Yun Ping Road, Causeway Bay, Hong Kong ("H3C HK") and Hangzhou H3C Technologies Co., Limited, a company incorporated in the People's Republic of China with a place of business at 466 Changhe Road, Binjiang District, Hangzhou, Zhejiang Province 310052, P.R. China ("Hangzhou H3C") (H3C HK and Hangzhou H3C collectively referred to herein as "Assignor") hereby assign to Hewlett Packard Enterprise Development LP, a Texas limited partnership having its principal place of business at 11445 Compaq Center Drive West, Houston, Texas 77070 ("Assignee") all right, title and interest in and to the patents and patent applications identified in Attachment A attached hereto (the "Assigned 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 Assigned Patents) for infringement of any of the Assigned 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 Assigned Patents and to claim priority from such applications. The terms and conditions of the assignment set forth above will inure to the benefit of Assignee and Assignee's successors and assigns of the Assigned Patents and other rights set forth above. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein.

[Signatures to Follow]

IN WITNESS WHEREOF, the Assignor has executed this Assignment of Patent Rights by its duly authorized representatives as of the Effective Date:

H3C Technologies Co. Ltd.

By: 
Name: _____
Title: _____
Date: _____

Hangzhou H3C Technologies Co., Ltd.

By: _____
Name: _____
Title: _____
Date: _____

IN WITNESS WHEREOF, the Assignee has executed this Assignment of Patent Rights by its duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP

By: Enterprise DC Holdings LLC, its General Partner

By: _____
Name: _____
Title: _____
Date: _____

IN WITNESS WHEREOF, the Assignor has executed this Assignment of Patent Rights by its duly authorized representatives as of the Effective Date:

H3C Technologies Co. Ltd.

By: _____
Name: _____
Title: _____
Date: _____

Hangzhou H3C Technologies Co., Ltd.

By: _____
Name: _____
Title: _____
Date: _____

IN WITNESS WHEREOF, the Assignee has executed this Assignment of Patent Rights by its duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP

By: Enterprise DC Holdings LLC, its General Partner

By: _____
Name: Bishu Varma
Title: Director
Date: _____

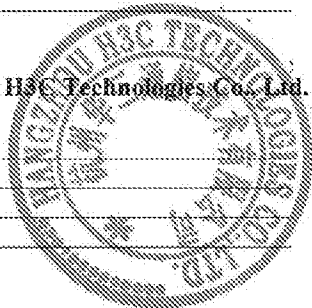
IN WITNESS WHEREOF, the Assignor has executed this Assignment of Patent Rights by its duly authorized representatives as of the Effective Date:

H3C Technologies Co. Ltd.

By: _____
Name: _____
Title: _____
Date: _____

Hangzhou H3C Technologies Co., Ltd.

By: _____
Name: _____
Title: _____
Date: _____



IN WITNESS WHEREOF, the Assignee has executed this Assignment of Patent Rights by its duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP

By: Enterprise DC Holdings LLC, its General Partner

By: _____
Name: _____
Title: _____
Date: _____

Attachment A

Patent or Patent Application Number	Country Code	Filing Date	Title
1863230	DE	5-Dec-05	Method for dual-homed network support based on resilient packet data ring network
1863230	FR	5-Dec-05	Method for dual-homed network support based on resilient packet data ring network
1863230	GB	5-Dec-05	Method for dual-homed network support based on resilient packet data ring network
4676528	JP	5-Dec-05	Method for dual-homed network support based on resilient packet data ring network
1898578	DE	26-Jan-06	ELECTRONIC DEVICE CHASSIS AND NETWORK SWITCH DEVICE
1898578	FR	26-Jan-06	ELECTRONIC DEVICE CHASSIS AND NETWORK SWITCH DEVICE
1898578	GB	26-Jan-06	ELECTRONIC DEVICE CHASSIS AND NETWORK SWITCH DEVICE
4878623	JP	26-Jan-06	Electronic equipment cage and network switch equipment
7983052	US	26-Jan-06	ELECTRONIC DEVICE CHASSIS AND NETWORK SWITCH DEVICE
6742026.5	EP	29-May-06	ETHERNET ACCESS DEVICE AND METHOD THEREOF
4819883	JP	29-May-06	ETHERNET ACCESS DEVICE AND METHOD THEREOF
7940812	US	29-May-06	ETHERNET ACCESS DEVICE AND METHOD THEREOF
2006338127	AU	30-Jun-06	A SYNCHRONIZATION METHOD OF CONNECTION STATUS IN DATA COMMUNICATIONS AND THE APPLIED COMMUNICATION NODE
6761331.5	EP	30-Jun-06	A SYNCHRONIZATION METHOD OF CONNECTION STATUS IN DATA COMMUNICATIONS AND THE APPLIED COMMUNICATION NODE
100990415	KR	30-Jun-06	A SYNCHRONIZATION METHOD OF

Patent or Patent Application Number	Country Code	Filing Date	Title
			CONNECTION STATUS IN DATA COMMUNICATIONS AND THE APPLIED COMMUNICATION NODE
7860985	US	30-Jun-06	A SYNCHRONIZATION METHOD OF CONNECTION STATUS IN DATA COMMUNICATIONS AND THE APPLIED COMMUNICATION NODE
4634503	JP	28-Jul-06	METHOD, APPARATUS AND SYSTEM FOR DETECTING SEQUENCE NUMBER OF PACKET FOR TRANSMISSION OF MULTI-UNITS
7860010	US	28-Jul-06	METHOD, APPARATUS AND SYSTEM FOR DETECTING SEQUENCE NUMBER OF PACKET FOR TRANSMISSION OF MULTI-UNITS
6775575.1	EP	1-Sep-06	METHOD FOR ACCESSING OBJECT DISK, SYSTEM AND DISK ARRAY FOR EXPANDING CAPACITY OF THE DISK
101011336	KR	1-Sep-06	METHOD FOR ACCESSING OBJECT DISK, SYSTEM AND DISK ARRAY FOR EXPANDING CAPACITY OF THE DISK
2399951	RU	1-Sep-06	METHOD FOR ACCESSING OBJECT DISK, SYSTEM AND DISK ARRAY FOR EXPANDING CAPACITY OF THE DISK
8041890	US	1-Sep-06	METHOD FOR ACCESSING OBJECT DISK, SYSTEM AND DISK ARRAY FOR EXPANDING CAPACITY OF THE DISK
1993230	DE	4-Sep-06	VIRTUAL NETWORK STORAGE SYSTEM, NETWORK STORAGE DEVICE AND VIRTUAL METHOD
1993230	FR	4-Sep-06	VIRTUAL NETWORK STORAGE SYSTEM, NETWORK STORAGE DEVICE AND VIRTUAL METHOD
1993230	GB	4-Sep-06	VIRTUAL NETWORK STORAGE SYSTEM, NETWORK STORAGE DEVICE AND VIRTUAL METHOD
5047165	JP	4-Sep-06	VIRTUAL NETWORK STORAGE SYSTEM, NETWORK STORAGE DEVICE AND

Patent or Patent Application Number	Country Code	Filing Date	Title
			VIRTUAL METHOD
2427891	RU	4-Sep-06	VIRTUAL NETWORK STORAGE SYSTEM, NETWORK STORAGE DEVICE AND VIRTUAL METHOD
8612561	US	4-Sep-06	VIRTUAL NETWORK STORAGE SYSTEM, NETWORK STORAGE DEVICE AND VIRTUAL METHOD
7721096.1	EP	9-May-07	NETWORK APPARATUS AND METHOD FOR COMMUNICATION BETWEEN DIFFERENT COMPONENTS
8127207	US	10-May-07	METHOD FOR PROCESSING PACKETS, AN APPARATUS FOR TRANSMITTING PACKETS, AND AN APPARATUS FOR RECEIVING PACKETS
7907416	US	28-Jun-07	POWER SUPPLY SYSTEM, POWER CABLE DISTRIBUTOR, POWER SUPPLY SUBRACK AND INTEGRATED EQUIPMENT
8305920	US	4-Jul-07	Method , system and terminal for determining QOS Level
7955087	US	5-Jul-07	Midplane of Communication Device
8165173	US	30-Jul-07	Data Transmission Method, System And Terminal
8149861	US	15-Aug-07	Method And Transmission Apparatus For Transmitting Data In A Coax Network
8077631	US	6-Sep-07	METHOD AND TERMINAL FOR TRANSMITTING UPLINK DATA
8239341	US	16-Nov-07	A method and device for pattern matching
8311217	US	21-Dec-07	Data transmission method and terminal
2406247	RU	8-Apr-08	METHOD AND APPARATUS FOR IMPLEMENTING ACCESS BETWEEN VIRTUAL PRIVATE NETWORKS
8249038	US	2-Jun-08	A METHOD, PROGRAM, AND SYSTEM FOR IMPLEMENTING CENTRALIZED CONTROL PLANE AND DISTRIBUTED DATA PLANE

Patent or Patent Application Number	Country Code	Filing Date	Title
8259740	US	12-Jun-08	A METHOD AND AN APPARATUS FOR PROCESSING PACKETS
8327129	US	23-Jun-08	A METHOD, APPARATUS AND SYSTEM FOR INTERNET KEY EXCHANGE NEGOTIATION
8773060.2	EP	26-Jun-08	METHOD AND APPARATUS FOR PACKET PROCESSING
5048835	JP	26-Jun-08	METHOD AND APPARATUS FOR PACKET PROCESSING
8559423	US	26-Jun-08	METHOD AND APPARATUS FOR PACKET PROCESSING
8908689	US	9-Jul-08	APPARATUS AND METHOD FOR PROCESSING PACKET
8086731	US	9-Jul-08	METHOD, SYSTEM AND APPARATUS FOR COLLECTING STATISTICS OF CHARACTERISTIC VALUE WITH THRESHOLD
2008264240	AU	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER
2652795	CA	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER
2184930	DE	10-Jul-08	METHOD AND ACCESS CONTROLLER FOR CONFIGURATION AND MANAGEMENT OF ACCESS POINT
2184930	FR	10-Jul-08	METHOD AND ACCESS CONTROLLER FOR CONFIGURATION AND MANAGEMENT OF ACCESS POINT
2184930	GB	10-Jul-08	METHOD AND ACCESS CONTROLLER FOR CONFIGURATION AND MANAGEMENT OF ACCESS POINT
264975	IN	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER
5213859	JP	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS

Patent or Patent Application Number	Country Code	Filing Date	Title
			CONTROLLER
1011089460000	KR	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER
2184930	NL	10-Jul-08	METHOD AND ACCESS CONTROLLER FOR CONFIGURATION AND MANAGEMENT OF ACCESS POINT
2420029	RU	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER
8396045	US	10-Jul-08	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER
8316432	US	17-Jul-08	Method for implementing security-related processing on packet and network security device
8392701	US	22-Jul-08	METHOD AND APPARATUS FOR ENSURING PACKET TRANSMISSION SECURITY
8417848	US	22-Jul-08	METHOD AND APPARATUS FOR IMPLEMENTING MULTIPLE SERVICE PROCESSING FUNCTIONS
8713663	US	15-Aug-08	METHOD FOR USING EXTENDED SECURITY SYSTEM, EXTENDED SECURITY SYSTEM AND DEVICES
8190857	US	12-Sep-08	METHOD AND APPARATUS FOR ACCELERATING THE ACCESS OF A MULTI-CORE SYSTEM TO CRITICAL RESOURCES
8149870	US	25-Nov-08	METHOD AND APPARATUS FOR FORWARDING DATA IN ETHERNET
7990915	US	30-Dec-08	METHOD OF BALANCING WIRELESS LOAD AND ACCESS CONTROLLER
8060633	US	31-Dec-08	METHOD AND APPARATUS FOR IDENTIFYING DATA CONTENT
8023506	US	14-Jan-09	METHOD AND PROVIDER EDGE DEVICE FOR ADVERTISING AND PROCESSING

Patent or Patent Application Number	Country Code	Filing Date	Title
			PSEUDO-WIRE INFORMATION
2124495	DE	28-Jan-09	METHOD OF BALANCING WIRELESS LOAD AND ACCESS CONTROLLER
2124495	GB	28-Jan-09	METHOD OF BALANCING WIRELESS LOAD AND ACCESS CONTROLLER
7979738	US	25-Feb-09	VIRTUAL TAPE LIBRARY BACKUP SYSTEMS, AND A METHOD OF HARD DISK DRIVE POWER CONTROL
8064334	US	19-Mar-09	METHOD FOR IMPLEMENTING INTERSECTING RING NETWORK WITH ARBITRARY TOPOLOGY, NODE AND INTERSECTING RING NETWORK
9083565	US	25-Mar-09	NETWORK APPARATUS AND METHOD FOR COMMUNICATION BETWEEN DIFFERENT COMPONENTS
2117176	DE	8-Apr-09	METHOD FOR IMPLEMENTING INTERSECTING RING NETWORK WITH ARBITRARY TOPOLOGY, NODE AND INTERSECTING RING NETWORK
2117176	FR	8-Apr-09	METHOD FOR IMPLEMENTING INTERSECTING RING NETWORK WITH ARBITRARY TOPOLOGY, NODE AND INTERSECTING RING NETWORK
2117176	GB	8-Apr-09	METHOD FOR IMPLEMENTING INTERSECTING RING NETWORK WITH ARBITRARY TOPOLOGY, NODE AND INTERSECTING RING NETWORK
8161523	US	16-Apr-09	METHOD AND APPARATUS FOR NAC IN ROAMING SERVICES
8375153	US	24-Apr-09	METHOD AND APPARATUS FOR DATA OUTPUT CONTROL
2124392	DE	24-Apr-09	RING NETWORK ROUTING METHOD AND RING NETWORK NODE
2124392	FR	24-Apr-09	RING NETWORK ROUTING METHOD AND RING NETWORK NODE
2124392	GB	24-Apr-09	RING NETWORK ROUTING METHOD

Patent or Patent Application Number	Country Code	Filing Date	Title
			AND RING NETWORK NODE
8004967	US	4-May-09	RING NETWORK ROUTING METHOD AND RING NETWORK NODE
4847557	JP	20-May-09	RING NETWORK ROUTING METHOD AND RING NETWORK NODE
4944156	JP	20-May-09	METHOD OF BALANCING WIRELESS LOAD AND ACCESS CONTROLLER
9749461.1	EP	20-May-09	Remote Communication ethernet system and relay
5161365	JP	20-May-09	Ethernet System for Long Distance Communication, and Repeater
8693497	US	20-May-09	LONG-REACH ETHERNET SYSTEM AND RELAY
8315163	US	21-May-09	METHOD, ACCESS POINT AND MOBILE STATION FOR IMPLEMENTING LOAD SHARING AMONG ACCESS POINTS
8611367	US	26-May-09	METHOD AND APPARATUS FOR ALLOCATING TIME SLOTS IN BASEBAND EPCN SYSTEM
7978595	US	15-Jul-09	METHOD FOR PROCESSING MULTIPLE ACTIVE DEVICES IN STACKING SYSTEM AND STACKING MEMBER DEVICE
8861547	US	28-Aug-09	METHOD, APPARATUS, AND SYSTEM FOR PACKET TRANSMISSION
9814033.8	EP	8-Sep-09	METHOD AND SYSTEM FOR COMMUNICATION CAPACITY NEGOTIATION OF PHYSICAL LAYER CHIPS
8654647	US	8-Sep-09	METHOD AND SYSTEM FOR COMMUNICATION CAPACITY NEGOTIATION OF PHYSICAL LAYER CHIPS
8665947	US	22-Oct-09	Method and Device for Video-Stream Frame Rate Adaptation, and Field Programmable Gate Array Chip and Video Stream Processing Apparatus

Patent or Patent Application Number	Country Code	Filing Date	Title
8135832	US	3-Dec-09	Method, System and Apparatus for detecting Multiple Active Devices in Stack
8213320	US	22-Dec-09	METHOD AND AN APPARATUS FOR INFORMATION COLLECTION
8392448	US	23-Dec-09	Method And Apparatus For Transmitting Packets In The Network
8213320	US	12-Jan-10	METHOD AND SWITCHING DEVICE FOR STACK PORT CONFIGURATIONS
8234516	US	12-Jan-10	TOPOLOGY COLLECTION METHOD AND DUAL CONTROL BOARD DEVICE FOR A STACKING SYSTEM
8248969	US	9-Apr-10	A STACKING SYSTEM AND A METHOD FOR SWITCHING TRAFFIC IN THE STACKING SYSTEM
9094264	US	9-Apr-10	METHOD AND APPARATUS FOR DUAL STACK ACCESS
12/765318	US	22-Apr-10	METHOD AND APPARATUS FOR PREVENTING SPOOFED PACKET ATTACKS
8307121	US	22-Apr-10	A METHOD AND A TYPE OF TRANSMIT AND RECEIVE ENDS FOR DATA SYNCHRONIZATION
8339940	US	23-Apr-10	MULTI-ACTIVE DETECTION METHOD AND STACK MEMBER DEVICE
8499105	US	19-May-10	BUFFER MANAGER AND BUFFER MANAGEMENT METHOD BASED ON ADDRESS POINTER LINKED LIST
8438307	US	26-May-10	METHOD AND DEVICE OF LOAD-SHARING IN IRF STACK
8274967	US	14-Jul-10	Method, System and Gateway for Remotely Accessing MPLS VPN
8452893	US	21-Jul-10	METHOD AND APPARATUS FOR TRAFFIC FORWARDING IN A STACKING APPARATUS
8225026	US	5-Aug-10	DATA PACKET ACCESS CONTROL APPARATUS AND METHOD THEREOF

Patent or Patent Application Number	Country Code	Filing Date	Title
10813361.2	EP	3-Sep-10	An Attribute Propagation Method And A Switch System Based On Fiber Channel Networks
8792386	US	3-Sep-10	Method for transmitting attributes based on fibre channel network and switch system
602010022932.7	DE	18-Oct-10	Method for Virtual Link Discovery Control And System For Fibre Channel Over Ethernet Protocol
2493127	GB	18-Oct-10	Method for Virtual Link Discovery Control And System For Fibre Channel Over Ethernet Protocol
8929368	US	18-Oct-10	Control Method Of Virtual Link Discovery And System For Fibre Channel Over Ethernet Protocol
2517401	DE	23-Dec-10	Method for Allocating Virtual Local Area Network Resources by Mapping VSAN IDs to MAC Addresses and related FCoE Device and FCoE System
2517401	GB	23-Dec-10	Method for Allocating Virtual Local Area Network Resources by Mapping VSAN IDs to MAC Addresses and related FCoE Device and FCoE System
8904010	US	23-Dec-10	Method for Allocating Virtual Local Area Network Resources by Mapping VSAN IDs to MAC Addresses and related FCoE Device and FCoE System
10838692.1	EP	23-Dec-10	Failure Detection Method and Device for FCoE Virtual Link
8935409	US	20-Jan-11	Method for Controlling Flow in a Stack System and Chassis Switch in a Stack System
11736625.2	EP	25-Jan-11	Apparatus And Method For Recording Reboot Reason Of Equipment
6485/DELNP/2012	IN	25-Jan-11	Apparatus And Method For Recording Reboot Reason Of Equipment
10-1358776	KR	25-Jan-11	Apparatus And Method For Recording Reboot Reason Of Equipment

Patent or Patent Application Number	Country Code	Filing Date	Title
8713367	US	25-Jan-11	Apparatus And Method For Recording Reboot Reason Of Equipment
11761998.1	EP	29-Mar-11	Method And Apparatus For Processing Packets In IPv6 Network
13/387319	US	29-Mar-11	Method And Apparatus For Processing Packets In IPv6 Network
11780210.8	EP	12-May-11	Apparatus And Method For Constructing Storage Virtualization Network
13/698013	US	12-May-11	Apparatus And Method For Constructing Storage Virtualization Network
11786077.5	EP	24-May-11	Method and Device for Processing Source Role Information
9088437	US	24-May-11	Method and Device for Processing Source Role Information
11789241.4	EP	2-Jun-11	Method, System and Router for Changing Application in BGP Session
13/701781	US	2-Jun-11	Method, System and Router for Changing Application in BGP Session
11789240.6	EP	2-Jun-11	Method for 802.1X Authentication, Access Device and Access Control Device
9066231	US	2-Jun-11	Method for 802.1X Authentication, Access Device and Access Control Device
11800181.7	EP	29-Jun-11	Method and System for Managing Protocol Connection in PBB Network and BEB Node
9094346	US	29-Jun-11	Method and System for Managing Protocol Connection in PBB Network and BEB Node
11811847	EP	27-Jul-11	Method And Apparatus For Controlling Intelligent Antenna System
8817650	US	27-Jul-11	Method And Apparatus For Controlling Intelligent Antenna System
11811724.1	EP	29-Jul-11	A Network Device and Method of Routing Traffic
9065757	US	29-Jul-11	A Network Device and Method of Routing Traffic

Patent or Patent Application Number	Country Code	Filing Date	Title
11811864.5	EP	1-Aug-11	Access point and method for data transmission
8908705	US	1-Aug-11	Access point and method for data transmission
11816103.3	EP	11-Aug-11	Method and Apparatus for Packet Processing and a Preprocessor
10-1409311	KR	11-Aug-11	Method and Apparatus for Packet Processing and a Preprocessor
13/816452	US	11-Aug-11	Method and Apparatus for Packet Processing and a Preprocessor
11826426.6	EP	23-Sep-11	A Method For Acquiring Station Information
13/822229	US	23-Sep-11	A Method For Acquiring Station Information
11826310.2	EP	26-Sep-11	Computer Network Method And Device Using Link Aggregation
9094293	US	26-Sep-11	Computer Network Method And Device Using Link Aggregation
11828153.4	EP	30-Sep-11	Method For Pruning A Multicast Branch, Protocol Independent Multicast Router, And Layer-2 Exchange
5619290	JP	30-Sep-11	Method For Pruning A Multicast Branch, Protocol Independent Multicast Router, And Layer-2 Exchange
10-1566846	KR	30-Sep-11	Method For Pruning A Multicast Branch, Protocol Independent Multicast Router, And Layer-2 Exchange
2014-7033727	KR	30-Sep-11	Method for Pruning Multicast Group and PIM Router and Layer2 Switch
13/876141	US	30-Sep-11	Method For Pruning A Multicast Branch, Protocol Independent Multicast Router, And Layer-2 Exchange
2641377	DE	18-Oct-11	Forwarding Traffic Flow In Intelligent Resilient Framework System
2641377	FR	18-Oct-11	Forwarding Traffic Flow In Intelligent Resilient Framework System
2641377	GB	18-Oct-11	Forwarding Traffic Flow In Intelligent Resilient Framework System

Patent or Patent Application Number	Country Code	Filing Date	Title
8738802	US	18-Oct-11	Forwarding Traffic Flow In Intelligent Resilient Framework System
11842079.3	EP	21-Oct-11	Method And Apparatus For Evaluating An Air Interface Condition Of A WLAN
13/884563	US	21-Oct-11	Method And Apparatus For Evaluating An Air Interface Condition Of A WLAN
14/009052	US	23-Nov-11	Method for implementing neighbor discovery protocol in a WLAN
13/981072	US	8-Dec-11	Method And Apparatus For Accessing A Private Surveillance Network Through L2TP
11857723.8	EP	22-Dec-11	Verification in Wireless Local Area Network
13/900538	US	22-Dec-11	Verification in Wireless Local Area Network
11851034.6	EP	22-Dec-11	Preventing Roaming User Terminal Re-Authentication
9173082	US	22-Dec-11	Preventing Roaming User Terminal Re-Authentication
11855084.7	EP	29-Dec-11	Pseudo Wire Switching Method And Device
13/992688	US	29-Dec-11	Pseudo Wire Switching Method And Device
13/900547	US	12-Jan-12	Method For Backing Up Link State Advertisement
12738724.9	EP	29-Jan-12	Method and Devices for Detecting an IP Address
8978099	US	29-Jan-12	Method and Devices for Detecting an IP Address
12749062.1	EP	22-Feb-12	Multicast Packet Transmission
13/905127	US	22-Feb-12	Multicast Packet Transmission
12752821.4	EP	24-Feb-12	Load Balancing Methods And Devices
13/977452	US	24-Feb-12	Load Balancing Methods And Devices
12758248.4	EP	14-Mar-12	Switching to a backup traffic path by a label switching router in a multi-protocol label switching network
13/979439	US	14-Mar-12	Switching to a backup traffic path by a label switching router in a multi-protocol label

Patent or Patent Application Number	Country Code	Filing Date	Title
			switching network
8654632	US	15-Mar-12	A Method For Fast Switching Traffic in H-VPLS
8799998	US	30-Mar-12	Methods for Controlling a Traffic of an Authentication Server
2707802	DE	31-Mar-12	Preventing Data Loss During Reboot and Logical Storage Resource Management Device
2707802	GB	31-Mar-12	Preventing Data Loss During Reboot and Logical Storage Resource Management Device
8819372	US	31-Mar-12	Preventing Data Loss During Reboot and Logical Storage Resource Management Device
12768617.8	EP	6-Apr-12	A Method For Traffic Load Balancing
13/979449	US	6-Apr-12	A Method For Traffic Load Balancing
12771779.1	EP	16-Apr-12	Handling a Fault in an Ethernet Ring Network
13/985836	US	16-Apr-12	Handling a Fault in an Ethernet Ring Network
14/110921	US	18-Apr-12	Online Real-Time Accounting
13/985829	US	19-Apr-12	FORWARDING A MULTICAST MESSAGE
8989195	US	4-May-12	Protection Switching in Multiprotocol Label Switching (MPLS) Networks
12804415.3	EP	7-May-12	Managing Mapping In Networks
8964770	US	7-May-12	Managing Mapping In Networks
8767712	US	11-May-12	Message Forwarding Using GRE Tunneling Protocol
9219698	US	18-May-12	Providing A Layer-3 Interface
12824021.5	EP	18-May-12	Portal Authentication Method And Access Controller
9100391	US	18-May-12	Portal Authentication Method And Access Controller
13/489982	US	6-Jun-12	Communication between Private Network and Public Network
12799821.9	EP	14-Jun-12	Load Balancing Based On Trill

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14/111566	US	14-Jun-12	Load Balancing Based On TRILL
8824275	US	15-Jun-12	ROUTE CALCULATING AFTER SWITCHING OCCURS FROM A PRIMARY MAIN CONTROL BOARD TO A STANDBY MAIN CONTROL BOARD
9036637	US	22-Jun-12	Message Transmission In Virtual Private Networks
12807852.4	EP	2-Jul-12	Method For Avoiding A Loop In A Network
9071539	US	2-Jul-12	Method For Avoiding A Loop In A Network
13/556953	US	24-Jul-12	Fiber Chanel Device
9172634	US	30-Jul-12	Restarting a Line Card
12827139.2	EP	3-Aug-12	Constructing A Network Enabling Layer-2 Interconnection of Data Centers
14/130401	US	3-Aug-12	Constructing A Network Enabling Layer-2 Interconnection of Data Centers
8988991	US	6-Aug-12	Enabling Load Balancing for MPLS-TP
202010103103.5	DE	17-Aug-12	Zero Configuration of a Virtual Distributed Device
9231826	US	20-Aug-12	Zero Configuration of a Virtual Distributed Device
112012003975.0	DE	24-Aug-12	Method And Device For Dynamically Selecting A DHCP Server For A Client Terminal
1408104.6	GB	24-Aug-12	Method And Device For Dynamically Selecting A DHCP Server For A Client Terminal
14/352058	US	24-Aug-12	Method And Device For Dynamically Selecting A DHCP Server For A Client Terminal
14/232906	US	30-Aug-12	Trill Network Communications Across An IP Network
112012002994.1	DE	31-Aug-12	Method For Bundling Cross-Board Multilink Protocol
1400203.4	GB	31-Aug-12	Method For Bundling Cross-Board Multilink Protocol
14/240184	US	31-Aug-12	Method For Bundling Cross-Board Multilink

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			Protocol
9036561	US	6-Sep-12	Dual-Homing Protection
14/236028	US	13-Sep-12	Multiprotocol Label Switching Ring Protection Switching Method And Node Device
12185107.5	EP	19-Sep-12	A Transmission Method for Supporting Data Compression
13/624642	US	21-Sep-12	A Transmission Method for Supporting Data Compression
112012004294.8	DE	26-Sep-12	Starting A Process
1400143.2	GB	26-Sep-12	Starting A Process
14/238711	US	26-Sep-12	Starting A Process
12835056.8	EP	27-Sep-12	Learning A MAC Address
9197721	US	27-Sep-12	Learning A MAC Address
12847967.2	EP	29-Sep-12	Traffic Management Across Data Center Sites
14/345652	US	29-Sep-12	Traffic Management Across Data Center Sites
9231822	US	12-Oct-12	Notifying Of A LSP Failure
13/683797	US	21-Nov-12	Data Forwarding Apparatus With Redundancy
14/345653	US	22-Nov-12	Balancing Virtual Machine Loads
8885359	US	26-Nov-12	Guide Bracket and Electronic Device Adopting the Guide Bracket
12875383.7	EP	26-Nov-12	Migration Of A Security Policy Of A Virtual Machine
14/372727	US	26-Nov-12	Migration Of A Security Policy Of A Virtual Machine
112012004951.9	DE	27-Nov-12	Virtual Machine Migration
1406756.5	GB	27-Nov-12	Virtual Machine Migration
14/346324	US	27-Nov-12	Virtual Machine Migration
9043636	US	28-Nov-12	A Method of Fencing in a Cluster System
12195131.3	EP	30-Nov-12	A Method and Device for Radio Resource Management

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13/691343	US	30-Nov-12	A Method and Device for Radio Resource Management
13/708749	US	7-Dec-12	A Method of Routing and A Device for An Autonomous System
112012004951.9	DE	11-Dec-12	Computer Network Management Tools
1408105.3	GB	11-Dec-12	Computer Network Management Tools
14/351876	US	11-Dec-12	Computer Network Management Tools
8964745	US	13-Dec-12	SPB Based Multicast Forwarding Method And SPBM Bridge
112012005631.0	DE	13-Dec-12	DVPN Large-Scale Networking And Spoke
1413351.6	GB	13-Dec-12	DVPN Large-Scale Networking And Spoke
14/372735	US	13-Dec-12	DVPN Large-Scale Networking And Spoke
14/355140	US	19-Dec-12	Establishing Dynamic Connection
12863542.2	EP	20-Dec-12	Expanding Member Ports Of A Link Aggregation Group Between Clusters
14/352940	US	20-Dec-12	Expanding Member Ports Of A Link Aggregation Group Between Clusters
14/354926	US	21-Dec-12	Traffic Routing
12863216.3	EP	24-Dec-12	Graceful Restart (GR) Methods and Devices
9225590	US	24-Dec-12	Graceful Restart (GR) Methods and Devices
13/728593	US	27-Dec-12	Network Access Apparatus
112013000194.2	DE	16-Jan-13	Maintaining A Multicast Forwarding Table And A PIM Router
1408106.1	GB	16-Jan-13	Maintaining A Multicast Forwarding Table And A PIM Router
14/358782	US	16-Jan-13	Maintaining A Multicast Forwarding Table And A PIM Router
14/359914	US	17-Jan-13	Implementing Dual-Homed Node Protection
13738387.3	EP	18-Jan-13	Selecting A Receiving Antenna In A Wireless Local Area Network
14/358807	US	18-Jan-13	Selecting A Receiving Antenna In A Wireless

Patent or Patent Application Number	Country Code	Filing Date	Title
			Local Area Network
13749435.7	EP	22-Jan-13	Construct Large-scale DVPN
14/372724	US	22-Jan-13	Construct Large-scale DVPN
14/374195	US	24-Jan-13	Traffic Forwarding
9088499	US	1-Feb-13	Routing Generation For Implementation Of Fiber Channel Over Ethernet
14/373301	US	7-Feb-13	Implement Equal Cost Multiple Path Of TRILL Network
13772095.9	EP	21-Feb-13	Transmission Path Switching
14/372718	US	21-Feb-13	Transmission Path Switching
14/373576	US	4-Mar-13	Configuring A Network Device
14/395373	US	6-Mar-13	Migration Of A Virtual Access Point
14/373869	US	8-Mar-13	Calculating Time Offset
112013000517.4	DE	25-Mar-13	FTP Data Transmission In Stack System
1413352.4	GB	25-Mar-13	FTP Data Transmission In Stack System
14/372823	US	25-Mar-13	FTP Data Transmission In Stack System
14/373769	US	28-Mar-13	Forwarding Packets In An Edge Device
13810155.5	EP	28-Mar-13	Firewall Security Between Virtual Devices
14/391166	US	28-Mar-13	Firewall Security Between Virtual Devices
14/373583	US	29-Mar-13	Port Negotiation Between FCoE Forwarders
112013000512.3	DE	17-Apr-13	Accessing IP Network And Edge Devices
1413348.2	GB	17-Apr-13	Accessing IP Network And Edge Devices
14/372835	US	17-Apr-13	Accessing IP Network And Edge Devices
12734608.8	EP	22-Apr-13	Method For Backing Up Link State Advertisement
13803884.9	EP	8-May-13	Synchronization After Restart Of A FC Switch
14/391353	US	8-May-13	Synchronization After Restart Of A FC Switch
13/905126	US	30-May-13	PREVENTING LOSS OF VIRTUAL MACHINE NETWORK PROFILES

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14/372725	US	6-Jun-13	Configuring Virtual Router Redundancy Protocol Backup Group
13816995.8	EP	18-Jun-13	Traffic Forwarding
14/372817	US	18-Jun-13	Traffic Forwarding
9154419	US	18-Jun-13	Traffic Forwarding In A Layer 2 Edge Network
112013000527.1	DE	18-Jun-13	Reducing Flooding Of Link State Information
1413350.8	GB	18-Jun-13	Reducing Flooding Of Link State Information
14/374288	US	18-Jun-13	Reducing Flooding Of Link State Information
8989048	US	24-Jun-13	Node System ID Change In Link State Protocol Network
112013000570.0	DE	4-Jul-13	VDP Request Packet Processing
2512790	GB	4-Jul-13	VDP Request Packet Processing
14/374273	US	4-Jul-13	VDP Request Packet Processing
9030967	US	4-Jul-13	Rapid Convergence of Access Network
13822414.2	EP	9-Jul-13	Non-Stop Routing Of Routing Protocol
14/373891	US	9-Jul-13	Non-Stop Routing Of Routing Protocol
112013000540.9	DE	9-Jul-13	Get VPN Group Member Registration
2515662	GB	9-Jul-13	Get VPN Group Member Registration
14/372732	US	9-Jul-13	Get VPN Group Member Registration
14/395399	US	15-Jul-13	Software Upgrade Of Routers
14/399962	US	22-Jul-13	Network Management with Network Virtualization based on Modular Quality of Service Control (MQC)
13827616.7	EP	23-Jul-13	Forwarding Packet In Stacking System
14/399964	US	23-Jul-13	Forwarding Packet In Stacking System
14/374201	US	30-Jul-13	Message Forwarding In Data Center Network
13/960552	US	6-Aug-13	Assigning a VLAN
13847971.2	EP	9-Aug-13	Traffic Forwarding Between Geographically Dispersed Network Sites

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14/401532	US	9-Aug-13	Traffic Forwarding Between Geographically Dispersed Network Sites
13/965006	US	12-Aug-13	Remote Port Mirroring
9173083	US	13-Aug-13	Wireless Roaming Method And Access Controller
14/403854	US	14-Aug-13	Address Processing
13851563	EP	15-Aug-13	Message Forwarding Between Geographically Dispersed Network Sites
14/394149	US	15-Aug-13	Message Forwarding Between Geographically Dispersed Network Sites
14/402684	US	21-Aug-13	Network Bridging
13/974037	US	22-Aug-13	Data Transmission In A Packet Transport Network (PTN)
112013002447.0	DE	29-Aug-13	Forward Packet With Edge Device
1422118.8	GB	29-Aug-13	Forward Packet With Edge Device
14/402688	US	29-Aug-13	Forward Packet With Edge Device
13876378.4	EP	30-Aug-13	VEPA Switch Message Forwarding
14/758701	US	30-Aug-13	VEPA Switch Message Forwarding
13832405.8	EP	2-Sep-13	Configuring Virtual Media Access Control Addresses For Virtual Machines
14/405370	US	2-Sep-13	Configuring Virtual Media Access Control Addresses For Virtual Machines
13833309.1	EP	2-Sep-13	Packet Forwarding
14/405367	US	2-Sep-13	Packet Forwarding
13834080.7	EP	2-Sep-13	Virtual MAC Address, Mask-Based, Packet Forwarding
14/403924	US	2-Sep-13	Virtual MAC Address, Mask-Based, Packet Forwarding
13835315.6	EP	4-Sep-13	Packet Forwarding
14/401531	US	4-Sep-13	Packet Forwarding
14/018124	US	4-Sep-13	Switch Controller

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14/399963	US	17-Sep-13	Forwarding Packets and PE Devices in VPLS
14/652763	US	26-Sep-13	Creating Virtual Machines
14/039983	US	27-Sep-13	Security Association Detection for Internet Protocol Security
13848210.4	EP	9-Oct-13	Traffic Interconnection Between Virtual Devices
14/405378	US	9-Oct-13	Traffic Interconnection Between Virtual Devices
112013001512.9	DE	11-Oct-13	Packet Forwarding In A Star Stacking System
2515689	GB	11-Oct-13	Packet Forwarding In A Star Stacking System
14/394338	US	11-Oct-13	Packet Forwarding In A Star Stacking System
13846839.2	EP	16-Oct-13	Forwarding Packets
14/402685	US	16-Oct-13	Forwarding Packets
14/652768	US	18-Oct-13	Preventing Clients From Accessing A Rogue Access Point
13879195.9	EP	22-Oct-13	Startup Configuration File Deployment
14/769273	US	22-Oct-13	Startup Configuration File Deployment
14/440838	US	28-Oct-13	Virtual Machines
14/441078	US	28-Oct-13	Traffic Distribution for an Edge Device
14/440301	US	30-Oct-13	Pseudo Wire In Layer 2 Virtual Private Network
13856105.5	EP	30-Oct-13	Establishing Neighbor Connection
14/646254	US	30-Oct-13	Establishing Neighbor Connection
13851962.4	EP	31-Oct-13	Edge Virtual Bridging Station With Primary And Secondary Physical Network Cards
14/405377	US	31-Oct-13	Edge Virtual Bridging Station With Primary And Secondary Physical Network Cards
14/403882	US	31-Oct-13	Port Mode Synchronization Between Switches
13853634.7	EP	8-Nov-13	Identifiers For Spoke-PEs In Hub-Spoke Networks
14/440973	US	8-Nov-13	Identifiers For Spoke-PEs In Hub-Spoke

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			Networks
13855664.2	EP	11-Nov-13	Fast Reroute In Multi-Protocol Label Switching Traffic Engineering Network
14/440309	US	11-Nov-13	Fast Reroute In Multi-Protocol Label Switching Traffic Engineering Network
14/769301	US	18-Nov-13	A Printed Circuit Board (PCB) Structure
14/443914	US	21-Nov-13	Forwarding A Packet In A Network
13872319.2	EP	2-Dec-13	Promoting Wireless Local Area Network (WLAN) Roaming
14/650464	US	2-Dec-13	Promoting Wireless Local Area Network (WLAN) Roaming
13879141.3	EP	2-Dec-13	Detecting An Access Customer Edge Device Of A Provider Edge Device
14/768702	US	2-Dec-13	Detecting An Access Customer Edge Device Of A Provider Edge Device
13865009.8	EP	10-Dec-13	Calculating A Route
14/649158	US	10-Dec-13	Calculating A Route
13862904.3	EP	11-Dec-13	Packet Forwarding
14/651576	US	11-Dec-13	Packet Forwarding
13862377.2	EP	11-Dec-13	Forwarding Multicast Data Packets
14/648854	US	11-Dec-13	Forwarding Multicast Data Packets
13868329.7	EP	11-Dec-13	Operating Software In A Virtual Machine Environment
14/652759	US	11-Dec-13	Operating Software In A Virtual Machine Environment
14/106069	US	13-Dec-13	Handling Stacking Link Failures In MDC Device
14/133604	US	18-Dec-13	Assignment of Point-to-Point over Ethernet (PPPoE) Session IDs
14/648166	US	18-Dec-13	Establishing WLAN Association
14/646650	US	23-Dec-13	Link Problem Handling

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14/651602	US	23-Dec-13	Associating Internet Protocol (IP) addresses with Ethernet Virtualisation Interconnection (EVI) links
14/649875	US	2-Jan-14	Redirecting Virtual Machine Traffic
14/648149	US	10-Jan-14	Border Gateway Protocol (BGP) Routes Advertisement
14/651176	US	10-Jan-14	Keeping A Terminal Access Location Record Alive
14/768730	US	15-Jan-14	Ethernet Virtualisation Interconnection networks having a Hub-Spoke Structure
14742901.3	EP	21-Jan-14	Stacked Switches System
14/651587	US	21-Jan-14	Stacked Switches System
14743018.5	EP	22-Jan-14	Load Balancing Among Servers In A Multi-Data Center Environment
14/649470	US	22-Jan-14	Load Balancing Among Servers In A Multi-Data Center Environment
14/649491	US	22-Jan-14	Item Aggregation In Shortest Path Bridging MAC-In-MAC Mode (SPBM) Network
14/764504	US	26-Jan-14	Processing Nickname Conflict In TRILL Network
14748953.8	EP	29-Jan-14	Transmission Power Regulation
14/764480	US	29-Jan-14	Transmission Power Regulation
14/768718	US	11-Feb-14	Multicast Forwarding Entry Computing
14/768194	US	13-Feb-14	Network Session Control
14/769029	US	17-Feb-14	Access Point
14/893399	US	21-Feb-14	Implementing An Access Controller Pool
14/769310	US	26-Feb-14	Service Coordination For A Data Center
14757337.2	EP	26-Feb-14	Multicasting A Data Message In A Multi-Site Network
14/768707	US	26-Feb-14	Multicasting A Data Message In A Multi-Site Network
14778340.1	EP	27-Feb-14	Internet Protocol Address Resolution

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14/769212	US	27-Feb-14	Internet Protocol Address Resolution
14791883.3	EP	28-Feb-14	Preventing A Loop In A Vertical Stack Network
7369/DELNP/2015	IN	28-Feb-14	Preventing A Loop In A Vertical Stack Network
14/768204	US	28-Feb-14	Preventing A Loop In A Vertical Stack Network
14/768710	US	3-Mar-14	Establishing A Link In A Mesh Network
14/197190	US	4-Mar-14	Recovery of Dynamic Host Configuration Protocol IP Addresses
9197598	US	6-Mar-14	MAC Address Distribution
14816817.2	EP	10-Mar-14	Distributed Virtual Switch System
14/895194	US	10-Mar-14	Distributed Virtual Switch System
14787622.1	EP	11-Mar-14	Realizing Graceful Restart In IS-IS Network
14/769045	US	11-Mar-14	Realizing Graceful Restart In IS-IS Network
14786063.9	EP	12-Mar-14	Routing Protocol Authentication Migration
14/769020	US	12-Mar-14	Routing Protocol Authentication Migration
14/210420	US	13-Mar-14	PROVIDING AGGREGATION LINK GROUPS IN LOGICAL NETWORK DEVICE
14762986.9	EP	14-Mar-14	Generating A Host Route
7276/DELNP/2015	IN	14-Mar-14	Generating A Host Route
14/768186	US	14-Mar-14	Generating A Host Route
14/222680	US	24-Mar-14	Link Aggregation Control Protocol (LACP) Loop Detection
14/895191	US	24-Mar-14	Zero-Configuration Networking Protocol
14772853.9	EP	25-Mar-14	Forwarding Packets
14/758462	US	25-Mar-14	Forwarding Packets
14/768439	US	25-Mar-14	Packet Forwarding
14800549.9	EP	2-Apr-14	Migrating Multicast Flow
14/892405	US	2-Apr-14	Migrating Multicast Flow

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14/891839	US	3-Apr-14	Spinlock Resources Processing
14819738.7	EP	3-Apr-14	Access Terminal
14/892907	US	3-Apr-14	Access Terminal
14784671.1	EP	11-Apr-14	Virtual Machine Migration
14/768443	US	11-Apr-14	Virtual Machine Migration
14/768971	US	15-Apr-14	Provider Edge In Virtual Private LAN Service Network
14/895192	US	15-Apr-14	Forwarding Packets
14785923.5	EP	21-Apr-14	Topology Discovery In A Stacked Switches System
14/768191	US	21-Apr-14	Topology Discovery In A Stacked Switches System
14787547	EP	21-Apr-14	Network Resource Monitoring
7274/DELNP/2015	IN	21-Apr-14	Network Resource Monitoring
2015-561935	JP	21-Apr-14	Network Resource Monitoring
2015-7022865	KR	21-Apr-14	Network Resource Monitoring
14/769042	US	21-Apr-14	Network Resource Monitoring
14789079.2	EP	21-Apr-14	Network Resource Matching
7370/DELNP/2015	IN	21-Apr-14	Network Resource Matching
2015-7022864	KR	21-Apr-14	Network Resource Matching
14/768436	US	21-Apr-14	Network Resource Matching
14788690.7	EP	21-Apr-14	Network Configuration Auto-Deployment
7363/DELNP/2015	IN	21-Apr-14	Network Configuration Auto-Deployment
2015-7022863	KR	21-Apr-14	Network Configuration Auto-Deployment
14/769052	US	21-Apr-14	Network Configuration Auto-Deployment
14/893431	US	23-Apr-14	Interoperation Of Switch Line Card And Programmable Line Card
14/768429	US	24-Apr-14	Forwarding Packets
14795256.8	EP	7-May-14	Configuring Forwarding Information

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14/888655	US	7-May-14	Configuring Forwarding Information
14/891834	US	15-May-14	Forwarding Packets
14/891877	US	20-May-14	Detecting Nickname Conflict
14801732	EP	22-May-14	Electronic Device
14/892140	US	22-May-14	Electronic Device
14/294839	US	3-Jun-14	Active Security Defense For Software Defined Network
14810433.4	EP	6-Jun-14	LOAD SWITCH COMMAND INCLUDING IDENTIFICATION OF SOURCE SERVER CLUSTER AND TARGET SERVER CLUSTER
14/895186	US	6-Jun-14	LOAD SWITCH COMMAND INCLUDING IDENTIFICATION OF SOURCE SERVER CLUSTER AND TARGET SERVER CLUSTER
14808438.7	EP	9-Jun-14	Packet Forwarding
14/892412	US	9-Jun-14	Packet Forwarding
14/786103	US	26-Jun-14	Link Aggregation
14819803.9	EP	27-Jun-14	Virtual Network
14/895189	US	27-Jun-14	Virtual Network
14822328.2	EP	8-Jul-14	Member Device Of Stacked Switches System
14/786117	US	8-Jul-14	Member Device Of Stacked Switches System
14/892422	US	10-Jul-14	Electing Designated Routing Bridge
14829379.8	EP	23-Jul-14	Packetmirror Processing In A Stacking System
14/892483	US	23-Jul-14	Packetmirror Processing In A Stacking System
14834171.2	EP	31-Jul-14	Flow Table Entry In Software Defined Networking
14/903248	US	31-Jul-14	Flow Table Entry In Software Defined Networking
14831272.1	EP	1-Aug-14	Packet Forwarding
2015-7036020	KR	1-Aug-14	Packet Forwarding

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14/899454	US	1-Aug-14	Packet Forwarding
14831580.7	EP	1-Aug-14	Packet Forwarding
14/899807	US	1-Aug-14	Packet Forwarding
14/899462	US	8-Aug-14	Packet Forwarding In Software Defined Networking
14837552	EP	22-Aug-14	Calculating Spanning Tree
14/899772	US	22-Aug-14	Calculating Spanning Tree
14837485.3	EP	22-Aug-14	Controlling Forwarding Devices In Software Defined Networks
14/899942	US	22-Aug-14	Controlling Forwarding Devices In Software Defined Networks
14839340.8	EP	22-Aug-14	Adjusting Virtual Machine Resources
14/899792	US	22-Aug-14	Adjusting Virtual Machine Resources
14840154.0	EP	27-Aug-14	Translating Network Address
14/899471	US	27-Aug-14	Translating Network Address
14/899759	US	27-Aug-14	Implementing Network Communication
14842829.5	EP	2-Sep-14	Work Mode Negotiation
14/899890	US	2-Sep-14	Work Mode Negotiation
14/899819	US	11-Sep-14	FORWARDING A DHCP PACKET
14/484394	US	12-Sep-14	Allocating A Timeslot
14/484407	US	12-Sep-14	Vertical Converged Framework
14/493912	US	23-Sep-14	Forwarding Multicast Data Packets
14/493984	US	23-Sep-14	Forwarding Multicast Data Packets
14847002.4	EP	24-Sep-14	PACKET FORWARDING
14/899925	US	24-Sep-14	PACKET FORWARDING
14849213.5	EP	28-Sep-14	DYNAMIC LINK AGGREGATION
14/899781	US	28-Sep-14	DYNAMIC LINK AGGREGATION
14848613.7	EP	29-Sep-14	DEFENDING AGAINST FLOW ATTACKS
14/903189	US	29-Sep-14	DEFENDING AGAINST FLOW ATTACKS

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PCT/CN2014/088161	PCT	9-Oct-14	Packet Processing
PCT/CN2014/089221	PCT	23-Oct-14	SDN Packet Forwarding
PCT/CN2014/089253	PCT	23-Oct-14	Data Forwarding
PCT/CN2014/089250	PCT	23-Oct-14	Data Forwarding
PCT/CN2014/089560	PCT	27-Oct-14	Protection Tunnel
PCT/CN2014/089722	PCT	28-Oct-14	Calculating A Shortest Path First Tree
PCT/CN2014/089729	PCT	28-Oct-14	Packet Forwarding Control
PCT/CN2014/089986	PCT	31-Oct-14	Data Processing
PCT/CN2014/089959	PCT	31-Oct-14	Packet Forwarding In Data Center Network
PCT/CN2014/091077	PCT	14-Nov-14	Stacking System
14/577459	US	19-Dec-14	License Control
14/590764	US	6-Jan-15	MANAGING MAPPING IN NETWORKS
PCT/CN2015/070825	PCT	16-Jan-15	Rapid Flood Processing
PCT/CN2015/071394	PCT	23-Jan-15	Generating Virtual Network Device
PCT/CN2015/071593	PCT	27-Jan-15	Virtual Network Resource Management
PCT/CN2015/072946	PCT	12-Feb-15	Network Configuration Access
PCT/CN2015/072952	PCT	12-Feb-15	Network Configuration Access
PCT/CN2015/073847	PCT	9-Mar-15	Heterogeneous logging system management configuration
PCT/CN2015/074199	PCT	13-Mar-15	Network Virtualization
PCT/CN2015/074483	PCT	18-Mar-15	Unified management of ethernet and storage area network
PCT/CN2015/074490	PCT	18-Mar-15	Access Session Management
PCT/CN2015/075452	PCT	31-Mar-15	Reserving Bandwidth In Software Defined Network
PCT/CN2015/076478	PCT	13-Apr-15	Hot Restart
PCT/CN2015/077076	PCT	21-Apr-15	Forwarding Data Packets
PCT/CN2015/077782	PCT	29-Apr-15	Setting SDN Flow Entries
PCT/CN2015/077996	PCT	30-Apr-15	Controlling Packet Transmission In Software

Patent or Patent Application Number	Country Code	Filing Date	Title
			Defined Network
PCT/CN2015/078262	PCT	5-May-15	Multi-homed Access
PCT/CN2015/079135	PCT	16-May-15	Bidirectional Forwarding Detection
PCT/CN2015/079767	PCT	26-May-15	Multicast Forwarding Table Entry In An Overlay Network
PCT/CN2015/080238	PCT	29-May-15	Topology Discovery In Fabric Network
PCT/CN2015/080166	PCT	29-May-15	Establishing Instance In Software Defined Network
14/728860	US	2-Jun-15	Method For Avoiding A Loop In A Network
14/731222	US	4-Jun-15	NETWORK APPARATUS AND METHOD FOR COMMUNICATION BETWEEN DIFFERENT COMPONENTS
14/737295	US	11-Jun-15	METHOD AND APPARATUS FOR DUAL STACK ACCESS
PCT/CN2015/081815	PCT	18-Jun-15	Packet Processing
14/745050	US	19-Jun-15	Computer Network Method And Device Using Link Aggregation
14/754405	US	29-Jun-15	Portal Authentication Method And Access Controller
PCT/CN2015/083575	PCT	8-Jul-15	Software Defined Network-Based Gateway Migration Processing
PCT/CN2015/083538	PCT	8-Jul-15	Packet Processing
14/796457	US	10-Jul-15	Method and Device for Processing Source Role Information
PCT/CN2015/083895	PCT	13-Jul-15	Flow Control
PCT/CN2015/085519	PCT	30-Jul-15	Maintaining Information Of TE Link
PCT/CN2015/086058	PCT	4-Aug-15	Upgrading Of Controller Cluster
PCT/CN2015/086989	PCT	14-Aug-15	Migration Of Hosts
14/827185	US	14-Aug-15	DISTRIBUTING ROUTE
PCT/CN2015/087198	PCT	17-Aug-15	Selecting Antenna Combination
PCT/CN2015/087317	PCT	18-Aug-15	Packet Forwarding IN RPR Network

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PCT/CN2015/087418	PCT	18-Aug-15	Service Provision
PCT/CN2015/088110	PCT	26-Aug-15	Station Control
PCT/CN2015/088209	PCT	27-Aug-15	Multicast Distribution Tree Switching
PCT/CN2015/089946	PCT	18-Sep-15	Migration Of Virtual Machines
PCT/CN2015/090074	PCT	21-Sep-15	Network Virtualization
PCT/CN2015/090078	PCT	21-Sep-15	Associating VXLANs With Tunnels
14/861542	US	22-Sep-15	A Method of Routing and A Device for An Autonomous System
PCT/CN2015/090223	PCT	22-Sep-15	Migration
PCT/CN2015/090355	PCT	23-Sep-15	Learning A MAC Address in VXLAN
PCT/CN2015/090340	PCT	23-Sep-15	Address Resolution
PCT/CN2015/090640	PCT	25-Sep-15	Processing A Flow Entry In VXLAN
PCT/CN2015/090683	PCT	25-Sep-15	Initialize Programmable Components
PCT/CN2015/090895	PCT	28-Sep-15	Forwarding Data Packets In Software Defined Networks
PCT/CN2015/090896	PCT	28-Sep-15	Wireless Access
PCT/CN2015/091210	PCT	30-Sep-15	Association Of A VXLAN with A Tunnel
PCT/CN2015/091610	PCT	10-Oct-15	Table Entry In Software Defined Network
14/885870	US	16-Oct-15	Learning A MAC Address
PCT/CN2015/092268	PCT	20-Oct-15	Monitoring Cluster
PCT/CN2015/092400	PCT	21-Oct-15	Endpoint Identifiers Registration
14/923110	US	26-Oct-15	Transmission Path Switching
14817513.6	EP	27-Oct-15	Link Aggregation
PCT/CN2015/092903	PCT	27-Oct-15	Services Execution
PCT/CN2015/093085	PCT	28-Oct-15	Discovering Path Maximum Transmission Unit
PCT/CN2015/093167	PCT	29-Oct-15	Deployment Of Virtual Extensible Local Area Network
PCT/CN2015/093444	PCT	30-Oct-15	Wireless Access
PCT/CN2015/093560	PCT	2-Nov-15	Forwarding Path Link Table Packet In Software

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			Defined Network
PCT/CN2015/093564	PCT	2-Nov-15	Traffic Forwarding
PCT/CN2015/094330	PCT	11-Nov-15	Handling Failure Of Stacking System
PCT/CN2015/095403	PCT	24-Nov-15	Layer-3 Forwarding in VXLAN
PCT/CN2015/095493	PCT	25-Nov-15	Displaying Setup Interface
PCT/CN2015/095488	PCT	25-Nov-15	Round Trip Time Measurement For Network Location
14/966418	US	11-Dec-15	Constructing A Network Enabling Layer-2 Interconnection of Data Centers
PCT/CN2015/097612	PCT	16-Dec-15	Flow Transmission
PCT/CN2015/097935	PCT	18-Dec-15	Flow Control
29/505597	US	23-Dec-15	A Design For A Wireless Router
PCT/CN2015/100068	PCT	31-Dec-15	Packet Forwarding
PCT/CN2015/100064	PCT	31-Dec-15	Accessing External Network From Virtual Network
PCT/CN2016/071159	PCT	18-Jan-2016	Access Point Management
PCT/CN2016/072694	PCT	29-Jan-2016	VXLAN Packet Transmission
PCT/CN2016/072695	PCT	29-Jan-2016	Access Layer-2 Virtual Private Network From Layer-3 Virtual Private Network
PCT/CN2016/072736	PCT	29-Jan-2016	Router Controlling
PCT/CN2016/073031	PCT	1-Feb-2016	Providing Wireless Service
PCT/CN2016/073477	PCT	4-Feb-2016	Packets Forwarding
PCT/CN2016/073484	PCT	4-Feb-2016	Packet Buffering
PCT/CN2016/073485	PCT	4-Feb-2016	Preventing Flow Interruption Caused By Migration of VM
PCT/CN2016/073608	PCT	5-Feb-2016	Packet Transmission
PCT/CN2016/073609	PCT	5-Feb-2016	Flow Control Of Network Device
PCT/CN2016/073611	PCT	5-Feb-2016	Packet Transmission
15/018992	US	9-Feb-2016	MESSAGE FORWARDING IN A VIRTUAL LOCAL AREA NETWORK

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PCT/CN2016/073914	PCT	17-Feb-2016	Flow Entry Generating And Packet Processing Based on Flow Entry
PCT/CN2016/076117	PCT	11-Mar-2016	Preventing Multiple Conflicting Stacks
PCT/CN2016/076365	PCT	15-Mar-2016	Positioning Access Points Selection
PCT/CN2016/077480	PCT	28-Mar-2016	Forwarding Multicast Packets
PCT/CN2016/077629	PCT	29-Mar-2016	Packet Transmission
PCT/CN2016/079374	PCT	15-Apr-2016	Generating System Port Identity
PCT/CN2016/080670	PCT	29-Apr-2016	Setting A Startup Parameter And Controlling Startup Of A Mainboard
PCT/CN2016/080678	PCT	29-Apr-2016	Packet Classification