

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3530799

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	FUJITSU NETWORK COMMUNICATIONS, INC.	09/16/2015
RECEIVING PARTY DATA		
Name:	FUJITSU LIMITED	
Street Address:	1-1 KAMIKODANAKA 4-CHOME	
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City:	KANAGAWA	
State/Country:	JAPAN	
Postal Code:	211-8588	
PROPERTY NUMBERS Total: 20		
	Property Type	Number
	Application Number:	14082689
	Application Number:	14333183
	Application Number:	61969000
	Application Number:	14590826
	Application Number:	14292237
	Application Number:	14317737
	Application Number:	61989321
	Application Number:	14618620
	Application Number:	14483949
	Application Number:	14306774
	Application Number:	14510664
	Application Number:	14335723
	Application Number:	14550427
	Application Number:	14540993
	Application Number:	14596896
	Application Number:	14614150
	Application Number:	14596795
	Application Number:	14540952
	Application Number:	14835436

PATENT

Property Type	Number
Application Number:	14836379
CORRESPONDENCE DATA	
Fax Number:	
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NAME OF SUBMITTER:	IRENE CHU
SIGNATURE:	/IRENE CHU/
DATE SIGNED:	09/17/2015
Total Attachments: 3	
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source=Assignment_FNC_FL#page3.tif	

PATENT ASSIGNMENT

WHEREAS, Fujitsu Network Communications, Inc. (hereafter "Assignor"), having an address of 2801 Telecom Parkway, Richardson, Texas 75082, is the owner of the patent properties identified on Exhibit A and the inventions described and claimed therein (hereafter the "Patent Properties"); and

WHEREAS, Fujitsu Limited (hereafter "Assignee"), having an address of 1-1 Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 JAPAN, desires to acquire all right, title and interest in and to the Patent Properties.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, all its right, title and interest in and to the Patent Properties, as well as all provisionals, continuations, divisions, and continuations-in-part of said Patent Properties, and all reissues and extensions thereof, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Patent Properties may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

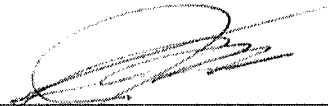
Assignor also assigns to Assignee, all right, title and interest in and to the inventions disclosed in said Patent Properties throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said Patent Properties in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said Patent Properties in appropriate registries; and Assignor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

Assignor also assigns unto Assignee all claims for damages by reason of infringement prior to the assignment date of the Patent Properties throughout the world, with the right to sue for and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

Assignor also will communicate to Assignee any facts known to it respecting any improvements; and, at the expense of Assignee, will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said Patent Properties in all countries.

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

FUJITSU NETWORK COMMUNICATIONS, INC.

By: 
Junichi Katakura
Its: Senior Vice President
Corporate Planning and Secretary

Date: 9/16/2015

Attorney Docket No.	Fujitsu Ref. No.	Title	Application Serial No.
064731.0795	10-51128USO	Systems and Methods for Implementing Multiple ISIS Routing Instances on a Network Element	12/832430
064731.0796	10-51129USO	Systems and Methods for Removing Stale Mapping Entries for Network Element	12/834112
064731.0857	10-52374USO	System and Method for Multiplexing a Time-Reference Signal and a Frequency-Reference Signal	12/971490
064731.0981	13-01823USO	Post-Transient Gain Control of Optical Amplifiers	14/082689
064731.0993	13-03516USO	Linear Path Protection in a Centralized Controller Environment	14/333183
064731.0998	14-00473USO	Manipulation Of TTL In a Multiple IP Stack System In a Distributed Architecture	61/969000
064731.0998 1	14-01488USO	Preservation Of A TTL Parameter In A Network Element	14/590826
064731.1000	13-01580USO	Scalable Efficient Framing for Digital Signals	14/292237
064731.1009	13-03518USO	Inter-Channel Spectral Shaping In Optical Ring Networks	14/317737
064731.1016	14-01166USO	Collision Control During Delay Measurement In Optical Transport Networks	61/989321
064731.1016 1	14-02350USO	Collision Control During Delay Measurement In Optical Transport Networks	14/618620
064731.1017	14-00460USO	Ethernet Loopback Detection and Service Traffic Blocking	14/483949
064731.1018	14-00459USO	Transient Gain Cancellation for Optical Amplifiers	14/306774
064731.1020	14-01196USO	Detection Of Unauthorized Entities In Communication Systems	14/510664
064731.1026	14-01751USO	Initializing a Network Interface Based on Stored Data	14/335723
064731.1029	14-01819USO	Managing Software Keys for Network Elements	14/550427
064731.1032	14-02037USO	Pivoting Equipment Mounting Bracket	14/540993
064731.1039	14-02034USO	Enhanced Loop-Breaking Protocol To Support Connectionless And Connection-Oriented Ethernet	14/596896
064731.1040	14-02348USO	During OTN frame alignment (FA) change or FA missing, methods to avoid monitoring OTN status bytes (STAT) at incorrect position and avoid the subsequent action	14/614150
064731.1041	14-02347USO	Identifying The Absence And Presence Of A Ring Protection Link Owner Node In An Ethernet Network	14/596795
064731.1042	14-02801USO	Gcc0 Tunneling Over An OTN Transport Network	14/540952
064731.1075	15-01166USO	High Bandwidth Photodetector Current Replicator	14/835436
064731.1076	15-00376USO	Seamless Migration From Rapid Spanning Tree Protocol To Ethernet Ring Protection Switching Protocol	14/836379