PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY I	DATA					
N			ame	Execution Date		
Fujitsu Network Comm	nunications, Inc).		01/23/2013		
RECEIVING PARTY D	ATA					
Name:	Fujitsu Limited					
Street Address:	1-1 Kamikodanaka 4-chome					
Internal Address:	Nakahara-ku					
City:	Kawasaki-shi, Kanagawa					
State/Country:	JAPAN					
Postal Code:	211-8588					
PROPERTY NUMBERS Total: 1						
Property Type			Number		27	
Application Number: 1366		13665	254		13665254	
CORRESPONDENCE	DATA					
Fax Number:2146614688Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
Correspondence will be sent via US mail when the lax attempt is unsuccessful. Email: karen.langford@bakerbotts.com Correspondent Name: Brian W. Oaks						
Correspondent Name: Brian W. Oaks						
Address Line 1: 2001 Ross Avenue, Suite 600						
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ATTORNEY DOCKET NUMBER:			064731.0922			
NAME OF SUBMITTER:			Karen Langford			
Total Attachments: 3 source=FNC asg#page source=FNC asg#page source=FNC asg#page	e2.tif			DATENT		

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.

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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: ozaburo Tajima

Its: Executive Vice President Chief Administrative Officer and Secretary

Date: 1/23/2013

EXHIBIT A

Attorney Docket No	FJ Ref. No.	Title	Application No.
	12-51879US0	Optical QPSK Signal Regeneration and Amplification	13/665254
064731.0924		Test Packet Injection System	13/678312
7		System and Method of Optimizing Redundancy in Network	
064731.0927	12-52322US0	Communications	13/652156
T E 12 E 12 TOTA	and a second	Method and System for Support of Spanning Tree Peering and	
064731.0929		Tunneling in a Flood Domain	13/656176
064731.0939	12-53092US0	Systems and Methods of Test Packet Handling	13/691183

PATENT REEL: 029733 FRAME: 0230

RECORDED: 01/31/2013

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