06/05/2018 504945196

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4991943

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FUJITSU NETWORK COMMUNICATIONS, INC.	06/04/2018

RECEIVING PARTY DATA

Name:	FUJITSU LIMITED		
Street Address:	1-1 KAMIKODANAKA 4-CHOME		
Internal Address:	NAKAHARA0KU		
City:	KAWASAKI-SHI KANAGAWA		
State/Country:	JAPAN		
Postal Code:	211-8588		

PROPERTY NUMBERS Total: 9

Property Type	Number
Application Number:	15650286
Application Number:	15711537
Application Number:	15624395
Application Number:	15800733
Application Number:	15811159
Application Number:	15819437
Application Number:	15894505
Application Number:	15906579
Application Number:	14905360

CORRESPONDENCE DATA

Fax Number: (512)322-2501

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.

Phone: 5123222508

Email: juli.tran@bakerbotts.com BAKER BOTTS L.L.P. Correspondent Name: Address Line 1: 98 SAN JACINTO BLVD

Address Line 2: **SUITE 1500**

Address Line 4: AUSTIN, TEXAS 78701

JULI TRAN NAME OF SUBMITTER:

REEL: 045991 FRAME: 0089 504945196

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SIGNATURE:	/Juli Tran/		
DATE SIGNED:	06/05/2018		
Total Attachments: 3			
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PATENT REEL: 045991 FRAME: 0090 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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PATENT REEL: 045991 FRAME: 0091 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.

Akiko Winda

Its: Vice President

Head of Corporate Planning

Date: 6/4/20/3

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EXHIBIT A

Attorney Docket No.	Fujirai Ref. No.	Fitte	Application Serial Na
064731.1163	17-00442US0	Network Design Method for Ethernet Ring Protection Switching	15/650286
064731.1164	17-00408US0	End User on Demand Network Resource Instantiation	15/711537
064731,1174	17-00602US0	Route and Collect Reconfigurable Optical Add/Drop Multiplexer	15/624395
064731.1175	17-00603US0	Disaggregated Integrated Synchronous Optical Network and Optical Transport Network Switching System	15/800733
064731.1181	17-01302US0	1+1 Ethernet Fabric Protection in a Disaggregated Optical Transport Network Switching System	15/811159
064731.1182	17-01484US0	Radio-Frequency Identification (RFID) for Inventory of Electronic Equipment	15/819437
064731.1184	17-01673US0	Efficient Optical Transport in Radio Access Networks	15/894505
064731.1190	17-02217US0	Adaptive Flexible Grid in an Optical Network	15/906579
073338.1304	13-02080US0	System and Method for Learning Recommendation Simulation	14/905360

PATENT REEL: 045991 FRAME: 0093

RECORDED: 06/05/2018