

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xi WANG</td> <td>04/12/2012</td> </tr> <tr> <td>Inwoong KIM</td> <td>04/12/2012</td> </tr> <tr> <td>Paparao PALACHARLA</td> <td>04/12/2012</td> </tr> <tr> <td>Motoyoshi SEKIYA</td> <td>04/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xi WANG	04/12/2012	Inwoong KIM	04/12/2012	Paparao PALACHARLA	04/12/2012	Motoyoshi SEKIYA	04/12/2012		
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<table border="1"> <tr> <td>Name:</td> <td>FUJITSU LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Kamikodanaka 4-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Nakahara-ku</td> </tr> <tr> <td>City:</td> <td>Kawasaki-shi, Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>211-8588</td> </tr> </table>		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
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Application Number:	13445756												
CORRESPONDENCE DATA													
Fax Number:	(435)252-1361												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	R. Burns Israelsen												
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ATTORNEY DOCKET NUMBER:	F1423.10035US01												
NAME OF SUBMITTER:	R. Burns Israelsen												
Total Attachments: 1 source=F1423-10035US01_Assignment#page1.tif													

OP \$40.00 13445756

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

DEFRAGMENTATION OF OPTICAL NETWORKS

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on (Insert date of execution of application, if not concurrent)

(b) filed on April 12, 2012

Serial No. 13 / 445,756

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

- 1) Xi WANG 4/12/2012
2) Inwoong KIM 04/12/2012
3) Papparao PALACHARLA 4/12/12
4) Motoyoshi SEKIYA 4/12/2012