

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Alexander Umnov</td><td>12/08/2008</td></tr><tr><td>Dung Q. Tran</td><td>12/08/2008</td></tr><tr><td>Takao Naito</td><td>12/09/2008</td></tr></tbody></table>	Name	Execution Date	Alexander Umnov	12/08/2008	Dung Q. Tran	12/08/2008	Takao Naito	12/09/2008	
Name	Execution Date								
Alexander Umnov	12/08/2008								
Dung Q. Tran	12/08/2008								
Takao Naito	12/09/2008								
RECEIVING PARTY DATA									
Name:	Fujitsu Limited								
Street Address:	1-1, Kamikodanaka 4-Chome								
Internal Address:	Nakahara-ku, Kawasaki-shi								
City:	Kanagawa								
State/Country:	JAPAN								
Postal Code:	211-8588								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12333424</td></tr></tbody></table>	Property Type	Number	Application Number:	12333424					
Property Type	Number								
Application Number:	12333424								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	064731.0712								
NAME OF SUBMITTER:	Laurie Scott								
Total Attachments: 4									

CH 12333424 \$40.00

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PATENT
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ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Fujitsu Limited (hereinafter referred to as "Assignee"), with an address of 1-1, Kamikodanaka 4-Chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree 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.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all 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 invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO.
064731.0712

ASSIGNMENT

2

Title:

*System And Method For Optoelectrical
Communication*

Signature of Inventor:
Inventor's Name:

Alexander Umnov
Alexander Umnov

Residence (City, County, State)

Sachse, Dallas County, Texas

Date:

12/8/08

Date Application Executed:

12/8/08

DAL01;1037780.1

ATTORNEY DOCKET NO.
064731.0712

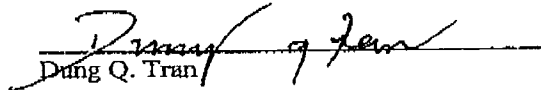
ASSIGNMENT

3

Title:

*System And Method For Optoelectrical
Communication*

Signature of Inventor:
Inventor's Name:


Dung Q. Tran

Residence (City, County, State)

Grand Prairie, Dallas County, Texas

Date:

12/8/08

Date Application Executed:

12/8/08

DAL01:1037780.1

ATTORNEY DOCKET NO.
064731.0712

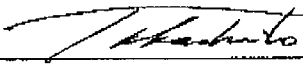
ASSIGNMENT

4

Title:

*System And Method For Optoelectrical
Communication*

Signature of Inventor:
Inventor's Name:



Takao Naito

Residence (City, County, State)

Plano, Collin County, Texas

Date:

12/09/08

Date Application Executed:

12/09/08

DAL01:1037780.1