

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Susumu Kinoshita</td> <td>05/22/2002</td> </tr> <tr> <td>Koji Takeguchi</td> <td>05/22/2002</td> </tr> <tr> <td>Satoru Odate</td> <td>05/22/2002</td> </tr> <tr> <td>Cechan Tian</td> <td>05/30/2002</td> </tr> </tbody> </table>		Name	Execution Date	Susumu Kinoshita	05/22/2002	Koji Takeguchi	05/22/2002	Satoru Odate	05/22/2002	Cechan Tian	05/30/2002
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Susumu Kinoshita	05/22/2002										
Koji Takeguchi	05/22/2002										
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Cechan Tian	05/30/2002										
RECEIVING PARTY DATA											
Name:	Fujitsu Network Communications, Inc.										
Street Address:	2801 Telecom Parkway										
City:	Richardson										
State/Country:	TEXAS										
Postal Code:	75201-2980										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11745974</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11745974						
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Application Number:	11745974										
CORRESPONDENCE DATA											
Fax Number:	(214)661-4688										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	karen.langford@bakerbotts.com										
Correspondent Name:	Brian W. Oaks										
Address Line 1:	2001 Ross Avenue, Suite 600										
Address Line 2:	Baker Botts L.L.P.										
Address Line 4:	Dallas, TEXAS 75201-2980										
ATTORNEY DOCKET NUMBER:	064731.0648										
NAME OF SUBMITTER:	Karen Langford										
Total Attachments: 3 source=648asg#page1.tif											

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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 Network Communications, Inc. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 2801 Telecom Parkway, Richardson, Texas 75082, 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 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.

Title of Invention:

FLEXIBLE OPEN RING OPTICAL
NETWORK AND METHOD

Signature of Inventor:
Inventor's Name:



Susumu (nmi) Kinoshita

Residence (City, County, State)

Plano, Collin County, Texas

Date:

May 22, 2002

Date Application Executed:

May 22, 2002

Signature of Inventor:
Inventor's Name:



Koji (nmi) Takeguchi

Residence (City, County, State)

Richardson, Dallas County, Texas

Date:

May 22 2002

Date Application Executed:

May 22 2002

ATTORNEY DOCKET NO.
064731.0248

ASSIGNMENT
Serial No. 10/112,022

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Signature of Inventor:
Inventor's Name:

Satoru Odate
Satoru (nmi) Odate

Residence (City, County, State)

Richardson, Dallas County, Texas

Date:

05/27/02

Date Application Executed:

05/22/02

Signature of Inventor:
Inventor's Name:

Tian Cechan
Cechan (nmi) Tian

Residence (City, County, State)

Plano, Collin County, Texas

Date:

05/30/02

Date Application Executed:

05/30/02