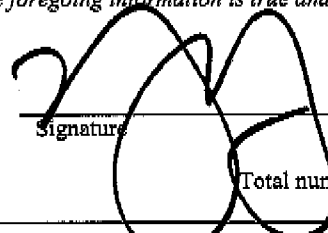
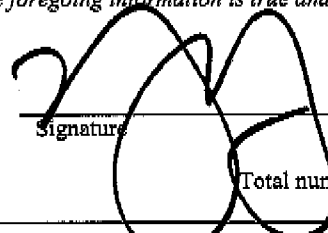
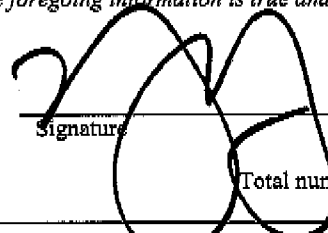


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Sheet 1 of 1

FORM PTO 1595 1-31-92		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office													
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.																	
1. Name and Address of Conveying Party(ies):  Fujitsu Network Communications, Inc. 2801 Telecom Parkway Richardson, Texas 75082  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and Address of receiving Party(ies):  Name: Fujitsu Limited  Internal Address:  Street Address: 1-1, Kamikodanaka 4-chome Nakahara-ku City/State/Zip: Kawasaki-shi, Kanagawa 211-8588  Country:: Japan  Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No														
3. Nature of conveyance:  <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;">Assignment</td> <td style="border: 1px solid black; width: 30px; text-align: center;"><input type="checkbox"/></td> <td style="padding: 2px;">Merger</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td style="padding: 2px;">Security Agreement</td> <td style="border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td style="padding: 2px;">Change of Name</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td style="padding: 2px;">Other</td> <td></td> <td></td> </tr> </table> Execution Date: November 16, 2005			<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger	<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name	<input type="checkbox"/>	Other					
<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger														
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name														
<input type="checkbox"/>	Other																
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: N/A  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 2px;">           A. Patent Application No.(s):            10/108,734         </td> <td style="width: 50%; vertical-align: top; padding: 2px;">           B. Patent No.(s):             Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No         </td> </tr> </table>						A. Patent Application No.(s): 10/108,734	B. Patent No.(s):  Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
A. Patent Application No.(s): 10/108,734	B. Patent No.(s):  Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
5. Name and address of party to whom correspondence concerning document should be mailed to:  Name: Barton E. Showalter Internal Address: BAKER BOTTS L.L.P. Street Address: 2001 Ross Avenue, Suite 600 City: Dallas State: Texas Zip 75201-2980			6. Total number of application and patents involved: One  7. Total Fee (37C.F.R. 3.41): \$40.00  <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; text-align: center;"><input type="checkbox"/></td> <td style="padding: 2px;">Enclosed</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;">Authorized to be charged to deposit account</td> </tr> </table> 8. Deposit Account Number: 02-0384  (Attach Duplicate Copy of this page if paying by deposit account)			<input type="checkbox"/>	Enclosed	<input checked="" type="checkbox"/>	Authorized to be charged to deposit account								
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DO NOT USE THIS SPACE																	
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; vertical-align: bottom; padding: 5px;"> <u>Barton E. Showalter</u> </td> <td style="width: 30%; text-align: center; vertical-align: bottom; padding: 5px;">             Signature         </td> <td style="width: 30%; text-align: center; vertical-align: bottom; padding: 5px;"> <u>12/6/05</u>            Date         </td> <td style="width: 10%;"></td> </tr> </table> Total number of pages including cover sheet <span style="float: right; border: 1px solid black; padding: 2px 5px;">3</span>						<u>Barton E. Showalter</u>	 Signature	<u>12/6/05</u> Date									
<u>Barton E. Showalter</u>	 Signature	<u>12/6/05</u> Date															
OMB No. 0651-0011 (exp. 4/94) Do not detach this portion																	
Mail documents to be recorded with required cover sheet information:  <div style="text-align: center;">             Mail Stop Assignment Recordation Services              Director - U.S. Patent and Trademark Office              P.O. Box 1450              Alexandria, VA 22313-1450           </div> Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503																	

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**PATENT**  
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## ASSIGNMENT

## PATENT ASSIGNMENT

**WHEREAS, Fujitsu Network Communications, Inc.** (hereafter "Assignor"), having an address of 2801 Telecom Parkway, Richardson, Texas 75082, is the owner of U.S. Patent Application Serial No. 10/108,734 and the inventions described and claimed therein (hereafter the "Patent Property"); 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 Property.

**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 Property, as well as all provisionals, continuations, divisions, and continuations-in-part of said Patent Property, 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 Property 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 Property throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said Patent Property 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 Property 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.

Assignor also assigns unto Assignee all claims for damages by reason of infringement prior to the assignment date of the Patent Property throughout the world, with the right to sue

## ASSIGNMENT


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 Property 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:



Yozaburo Tajima

Its:

Executive Vice President  
Chief Administrative Officer and Secretary

Date: November 16, 2005

**BAKER BOTTS LLP**

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FAX NO. 571-273-0140  
VOICE NO. 571-272-3350**MESSAGE**

In re Application of: Susumu Kinoshita, et al.  
Serial No.: 10/108,734  
Filed: March 27, 2002  
Title: METHOD AND SYSTEM FOR CONTROL SIGNALING IN AN OPEN RING  
OPTICAL NETWORK  
Attorney Docket No.: 064731.0310

This facsimile cover sheet is accompanied by a letter, with enclosures.

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this cover sheet and the accompanying letter with enclosures are being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Signature:  Date: December 6, 2005  
Brooks Bailey**Notice of Confidentiality**

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