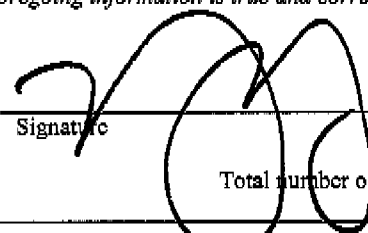
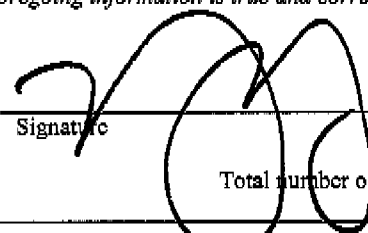
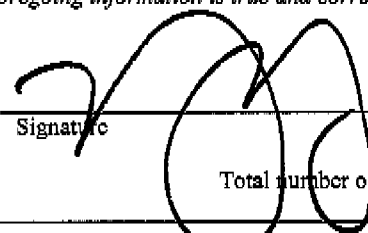


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Sheet 1 of 1

FORM PTO 1595 1-31-92		RECORDATION FORM COVER SHEET PATENTS ONLY		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="width: 50%; border: none;"> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other </td> <td style="width: 50%; border: none;"> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name </td> </tr> </table> Execution Date: November 16, 2005			<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other	<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name									
<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other	<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name												
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%; border: none;"> A. Patent Application No.(s): 10/159,499 </td> <td style="width: 50%; border: none;"> B. Patent No.(s): Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> </table>						A. Patent Application No.(s): 10/159,499	B. Patent No.(s): Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
A. Patent Application No.(s): 10/159,499	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 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-0384 (Attach Duplicate Copy of this page if paying by deposit account)										
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%; border: none;"> <u>Barton E. Showalter</u> </td> <td style="width: 30%; border: none; text-align: center;">  Signature </td> <td style="width: 30%; border: none; text-align: center;"> <u>12/1/05</u> Date </td> <td style="width: 10%; border: none;"></td> </tr> <tr> <td colspan="3" style="border: none; text-align: right;"> Total number of pages including cover sheet </td> <td style="border: 1px solid black; text-align: center;"> 3 </td> </tr> </table>						<u>Barton E. Showalter</u>	 Signature	<u>12/1/05</u> Date		Total number of pages including cover sheet			3
<u>Barton E. Showalter</u>	 Signature	<u>12/1/05</u> Date											
Total number of pages including cover sheet			3										
OMB No. 0651-0011 (exp. 4/94)													
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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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SERIAL NO.
10/159,499

1

PATENT ASSIGNMENT

WHEREAS, FUJITSU NETWORK COMMUNICATIONS, INC. (hereafter "Assignor"), a California corporation, having an address of 2801 Telecom Parkway, Richardson, Texas 75082, is the owner of U.S. Application Serial No. 10/159,499 filed May 30, 2002 and entitled COMBINING AND DISTRIBUTING AMPLIFIERS FOR OPTICAL NETWORK AND METHOD and the invention described and claimed therein (hereafter the "Patent Property");

WHEREAS, FUJITSU LIMITED (hereafter "Assignee"), a corporation organized and existing under the laws of Japan, having its registered office at 1-1, Kamikodanaka 4-Chome, Nakahara-ku, Kawasaki, 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.

ATTORNEY DOCKET NO.
064731.0260

SERIAL NO.
10/159,499


2

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 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: 
Yozauro Tajima
Its: Executive Vice President,
Chief Administrative Officer and Secretary

Date: November 10, 2005

DAL01:877170.1

RECORDED: 12/06/2005

PATENT
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