FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE REC 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies) Shinichi KANEKO 2. Name and Address of receiving party(ies): **FUJITSU LIMITED** 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan 3. Nature of conveyance: Assignment X Merger Security Agreement Change of Name Other: Execution Date(s): August 26, 2002 Application number(s) or patent number(s): 4. This document is being filed together with a new application: The execution date(s) of the application is/are: August 26, 2002 (a) The title is: MAIN SIGNAL CONTROLLING APPARATUS AND METHOD IN A WDM OPTICAL (b) COMMUNICATIONS SYSTEM OR ☐ This document is being filed after filing of the application: Patent Application No(s). \_\_/\_\_\_, filed \_\_\_\_\_; or (a) , issued (b) Patent No(s). 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 826.1836 Attention: Richard A. Gollhofer 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 Total number of applications and patents involved: \_\_1 6. 7. Total fee (37 CFR 3.41)......(\$ 40.00 per Assignment) Enclosed Χ Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. 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. 2. Zollhofen 10/15/02 Richard A. Gollhofer, Reg. No. 31,106 Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE 2002 RMEBRAHT 00000050 10269982

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PATENT REEL: 13389 FRAME: 0715

## **U.S. ASSIGNMENT**

S&H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00 inventor(s) (hereinafter, "ASSIGNOR") by	0), and of other good and	d valuable consideration paid to the undersigned
(Insert Name(s) & Address(es) of ASSIGNEE(S)) FUJITSU LIMITED		
1-1, Kamikodanaka 4-chome, Nakahara-ku, Ka	awasaki-shi, Kanagav	wa 211-8588 Japan
(hereinafter, "ASSIGNEE"), the receipt of which is hereby acl	knowledged, the undersign	ed ASSIGNOR hereby sells, assigns and transfers to
ASSIGNEE the entire and exclusive right, title and interest to (Title of Invention)	the invention entitled	
MAIN SIGNAL CONTROLLING APPARAT	US AND METHOD	IN A WDM OPTICAL
COMMUNICATIONS SYSTEM		
relating to International Patent Application PCT/JP / executed on even date herewith or, if not so executed, was:	and/or for which a	pplication for Letters Patent of the United States was
(a) executed on;	(Insert date of execut	ion of application, if not concurrent)
(b) filed on,		ney of STAAS & HALSEY LLF, 700 Eleventh Street, .C. 20001 (202/434-1500) is hereby authorized to
Serial No;		fied data, when known.
and to said application and all Letters Patent(s) of the United Substitute, reissue or reexamination application based thereon, including any extensions thereof (collectively, hereinafter, "sa	for the full term or terms for	or which the said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASSIGN which the ASSIGNEE may deem necessary, desirable or experincluding in the preparation and prosecution of said application reexamination, or public use proceeding, and in any litigation cacts to include but not be limited to executing all papers, inclusivem testimony, and obtaining and producing evidence.	dient, for securing, mainta on(s) and the issuance of sa or other legal proceeding w uding separate assignments	ining and enforcing protection for said invention, id Letters Patent(s), in any interference, reissue, hich may arise or be declared in relation to same, such and declarations, taking all rightful oaths, providing
IN WITNESS WHEREOF, the undersigned inventor(s) has (Typed Name & Signature of Inventor(s))	s (have) affixed his/her/the (Date)	oir signature(s). (Typed Name & Signature of Witness(es))
1) Shinishi Kareko A Shinishi KANEKO	ug. 26, 2002	Yasuko SOGA Y
2)		
3)		
4)		

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**RECORDED: 10/15/2002**