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FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03

Docket No.: 14321.66

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Name of conveying party(ies): Jun-ichi KANI Katsumi IWATSUKI	2. Name ar	nd address of receiving party(ies): opon Telegraph and Telephone Corporation 3-1, Otemachi 2-Chome
Additional names(s) of conveying party(ies)	☐ Yes ☒ No	Chiyoda-ku
3. Nature of conveyance:		
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Execution Date: January 7, 2005	Additional nar	ne(s) & address(es)
Application number(s) or patent numbers(If this document is being filed together with		n date of the application is: January 7, 2005
Patent Application No. Filing date	В.	Patent No.(s)
	Additional numbers	s ⊠ No
5. Name and address of party to whom corrections document should be mailed:	espondence 6. Total nur	mber of applications and patents involved:
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REEL: 017323 FRAME: 0294

PATENT APPLICATION
Docket No: 14321.

Workman Nydegger 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

Form P4

	ASSIGNMENT
	the under signed, hereinafter collectively referred to as "Assignor", are the inventors on entitled OPTICAL WAVELENGTH MULTIPLEX ACCESS SYSTEM
	CAL NETWORK UNIT . Preferred
	s of said invention are disclosed in a United States patent application which:
[]	is executed concurrently herewith for filing in the United States Patent and Trademark Office.
[]	was previously filed in the United States Patent and Trademark Office on, Application Serial No
[X]	is a United States National Application of PCT International Application No. PCT/JP2004/008952 , filed June 18, 2004.
to secure the	entire right, title and interest in said application.
In cor	nsideration of One Dollar (\$1.00) and other good and valuable consideration paid to
Assignor by	the Assignee, the receipt and sufficiency of which is hereby acknowledge,

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted

ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

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thereon, and in all patents issuing thereon in the United States and foreign countries.

The right to claim the benefits of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Full name of sole or first inventor

(GIVEN NAME)		<u>KANI</u>	
•	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
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Date January 7, 20	Country of Citizenshi	p <u>Japan</u>	
Address <u>3-9-18-401, Yas</u>	shiki, Narashino-shi, Chiba 275	5-0004, Japan	
Full name of second invent	tor, if any		
Katsumi		<u>IWATSUKI</u>	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
/	1 Olenha		
Inventor's signature	alder Saller		
Inventor's signature	Country of Citizenshi	p Japan	
· ·	(MIDDLE INITIAL OR NAME)		_

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PATENT REEL: 017323 FRAME: 0297