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_	10-16-2008 U.S. DEPARTMENT OF COMMERCE				
ŀ	To the Director of the U.S. Patent and Trac 103529942 lent.				
1.	Name of conveying party(ies): Masato NISHIHARA Tomoo TAKAHARA Toshiki TANAKA				
2.	FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, Japan				
3.	Nature of conveyance:  X				
4.	<ul> <li>Application number(s) or patent number(s):  ☐ This document is being filed together with a new application.  OR  ☐ This document is being filed after filing of the application:  (a) Patent Application No(s). 12/219,860, filed July 29, 2008; or  (b) Patent No(s)., issued.</li> </ul>				
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 0221.1180  Attention: Paul W. Bobowiec 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005				
6.	Total number of applications and patents involved:1				
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)  ⊠ Enclosed  Authorized to be charged to deposit account.				
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)				
	aul W. Bobowiec, Reg. No. 47,431  ame of Person Signing  Total number of pages including cover sheet: 2				
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**PATENT** 

REEL: 021694 FRAME: 0140

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) FUJITSU LIMITED	and of other good and valuable o	onsideration paid to the undersigned			
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan					
(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)  OPTICAL DEVICE, OPTICAL MODULATION METHOD, AND OPTICAL TRANSMITTER					
relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:					
(a) executed on;	(Insert date of execution of applic	ation, if not concurrent)			
(b) filed on July 29, 2008	Assignee's attorney is hereby	authorized to insert in (b) the specified			
Serial No. <u>12/219,860</u> ;	data, when known.				
and to said application and all Letters Patent(s) of the United Str substitute, reissue or reexamination application based thereon, fo including any extensions thereof (collectively, hereinafter, "said	r the full term or terms for which the	said Letters Patent(s) may be granted and			
The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.					
IN WITNESS WHEREOF, the undersigned inventor(s) has (	have) affixed his/her/their signature(	a).			
1) Masato Mishihara M.	lasato NISHIHARA	Od. 9 2008			
(Signature)	(Type Name)	(Date)			
MILITY TOWN MILLY	omoo TAKAHARA	Oct 9 2008			
(Signature)	(Type Name)	(Date)			
3) VI 7 1232 (Signature)	Toshiki TANAKA (Type Name)	Oct. 9, 2008.			
( Signature)	(2)permon	(Muse)			
( Signature)	(Type Name)	(Date)			

**RECORDED: 10/10/2008** 

PATENT REEL: 021694 FRAME: 0141