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- Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_  
Execution Date(s): 1 & 3: October 5, 2009; 2: October 13, 2009
- 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). 12/581,413, filed October 19, 2009; or  
(b) Patent No(s). , issued .
- Name and address of party to whom correspondence concerning document should be mailed:  
STAAS & HALSEY LLP  
Attention: Thomas E. McKiernan  
1201 New York Ave., N.W., 7th Floor  
Washington, D.C. 20005  
Our Docket: 221.1440
- Total number of applications and patents involved: 1
- Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)  
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Thomas E. McKiernan, Reg. No. 37,889  
Name of Person Signing

Signature

October 19, 2009  
Date

Total number of pages including cover sheet: 2

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# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
*(Insert Name(s) & Address(es) of ASSIGNEE(S))*  
**FUJITSU LIMITED**

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 TRANSMISSION/RECEPTION SYSTEM, OPTICAL TRANSMITTER, OPTICAL RECEIVER,**

**AND OPTICAL TRANSMISSION/RECEPTION METHOD**

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 application, if not concurrent)*

(b) filed on \_\_\_\_\_;

Serial No. \_\_\_\_\_/\_\_\_\_\_;

*Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.*

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

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(s).

1) <u>Takahito Tanimura</u> <i>(Signature)</i>	<u>Takahito TANIMURA</u> <i>(Type Name)</i>	<u>Oct. 5, 09</u> <i>(Date)</i>
2) <u>Takeshi Hoshida</u> <i>(Signature)</i>	<u>Takeshi HOSHIDA</u> <i>(Type Name)</i>	<u>Oct. 13, 2009</u> <i>(Date)</i>
3) <u>中島 久雄</u> <i>(Signature)</i>	<u>Hisao NAKASHIMA</u> <i>(Type Name)</i>	<u>Oct. 5, 09</u> <i>(Date)</i>
4) _____ <i>(Signature)</i>	_____ <i>(Type Name)</i>	_____ <i>(Date)</i>

**PATENT**

**RECORDED: 10/19/2009**

**REEL: 023407 FRAME: 0855**