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Name of conveying parties:

1) Hisao NAKASHIMA 2) Takahito TANIMURA

2 te	Name and Address of receiving party:
SE	FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, Japan
3.	Nature of conveyance: X
4.	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). 12/580,629, filed October 16, 2009; or (b) Patent No(s)., issued.
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 0221.1437 Attention: Aaron C. Walker 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)
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PATENT REEL: 023544 FRAME: 0161

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$ inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) FUJITSU LIMITED	1.00), and of other good and valuable	e consideration paid to the undersigned
1-1, Kamikodanaka 4-chome, Nakahara-ku,	Kawasaki-shi, Kanagawa 211-8	588 Japan
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(hereinafter, "ASSIGNEE"), the receipt of which is hereb ASSIGNEE the entire and exclusive right, title and intere (Title of Invention) OPTICAL RECEIVER AND OPTICAL REC	st to the invention entitled	GNOR hereby sells, assigns and transfers to
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relating to International Patent Application PCT/JP / executed on even date herewith or, if not so executed, was	and/or for which applications:	n for Letters Patent of the United States was
(a) executed on	(Insert date of execution of app	olication, if not concurrent)
(b) filed on <u>October 16, 2009</u>	Assignee's attorney is here	by authorized to insert in (b) the specified
Serial No. 12/580,629		oy annot need to these this (s) the specifical
and to said application and all Letters Patent(s) of the Uni substitute, reissue or reexamination application based ther including any extensions thereof (collectively, hereinafter	eon, for the full term or terms for which	the said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASS which the ASSIGNEE may deem necessary, desirable or including in the preparation and prosecution of said applic reexamination, or public use proceeding, and in any litigat acts to include but not be limited to executing all papers, sworn testimony, and obtaining and producing evidence.	expedient, for securing, maintaining and cation(s) and the issuance of said Letters ion or other legal proceeding which may	enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signatu	re(s).
1) Disaro nakashima	Hisao NAKASHIMA	Nov. 13, 2009
(Signature)	(Type Name)	(Date)
2) Jakahiro Communes _	Takahito TANIMURA	Nov. 13, 2009
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
4) (Signature)	(Type Name)	(Date)

PATENT REEL: 023544 FRAME: 0162

RECORDED: 11/17/2009