

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mariko SUGAWARA</td><td>07/28/2011</td></tr><tr><td>Yukito TSUNODA</td><td>07/28/2011</td></tr></tbody></table>		Name	Execution Date	Mariko SUGAWARA	07/28/2011	Yukito TSUNODA	07/28/2011				
Name	Execution Date										
Mariko SUGAWARA	07/28/2011										
Yukito TSUNODA	07/28/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>FUJITSU LIMITED</td></tr><tr><td>Street Address:</td><td>1-1, Kamikodanaka 4-chome, Nakahara-ku</td></tr><tr><td>City:</td><td>Kawasaki-shi, Kanagawa</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>211-8588</td></tr></table>		Name:	FUJITSU LIMITED	Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku	City:	Kawasaki-shi, Kanagawa	State/Country:	JAPAN	Postal Code:	211-8588
Name:	FUJITSU LIMITED										
Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku										
City:	Kawasaki-shi, Kanagawa										
State/Country:	JAPAN										
Postal Code:	211-8588										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13204811</td></tr></tbody></table>		Property Type	Number	Application Number:	13204811						
Property Type	Number										
Application Number:	13204811										
CORRESPONDENCE DATA											
Fax Number: (202)434-1501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 2024341500											
Email: hsammane@s-n-h.com											
Correspondent Name: Staas & Halsey LLP											
Address Line 1: 1201 New York Avenue N.W.											
Address Line 2: 7th Floor											
Address Line 4: Washington, DISTRICT OF COLUMBIA 20005											
ATTORNEY DOCKET NUMBER:	0221.1672										
NAME OF SUBMITTER:	Thomas E. McKiernan										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13204811

501619423

PATENT  
REEL: 026714 FRAME: 0357

## 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)

DRIVER AND OPTICAL TRANSMISSION APPARATUS

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) 菅原 茉莉子  
(Signature)

Mariko SUGAWARA  
(Type Name)

Jul. 28, 2011  
(Date)

2) Yukito Tsunoda  
(Signature)

Yukito TSUNODA  
(Type Name)

Jul. 28, 2011  
(Date)

3) \_\_\_\_\_  
(Signature)

(Type Name)

(Date)

4) \_\_\_\_\_  
(Signature)

(Type Name)

(Date)