

PATENT ASSIGNMENT

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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>Kohei CHORAKU</td> <td>12/17/2012</td> </tr> <tr> <td>Naoki NAKAMURA</td> <td>12/17/2012</td> </tr> <tr> <td>Akiko MATSUI</td> <td>12/17/2012</td> </tr> <tr> <td>Tetsuro YAMADA</td> <td>12/17/2012</td> </tr> <tr> <td>Yoshiyuki HIROSHIMA</td> <td>12/17/2012</td> </tr> <tr> <td>Takahiro OOI</td> <td>12/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kohei CHORAKU	12/17/2012	Naoki NAKAMURA	12/17/2012	Akiko MATSUI	12/17/2012	Tetsuro YAMADA	12/17/2012	Yoshiyuki HIROSHIMA	12/17/2012	Takahiro OOI	12/18/2012
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<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				
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CORRESPONDENCE DATA															
<p>Fax Number: 7035358420</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-535-3960</p> <p>Email: assignments@system.foundationip.com</p> <p>Correspondent Name: Fujitsu Patent Center</p> <p>Address Line 1: 2318 Mill Road</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>															
ATTORNEY DOCKET NUMBER:	11-53182														
NAME OF SUBMITTER:	Tiep H Nguyen														
<p>Total Attachments: 2</p> <p>source=11-53182_ASN_00#page1.tif</p> <p>source=11-53182_ASN_00#page2.tif</p>															

CH \$40.00 13736477

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 COUPLING STRUCTURE 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 January 8, 2013

Serial No. 13/736,477;

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>Kohei Choraku</u> (Signature)	<u>Kohei CHORAKU</u> (Type Name)	<u>Dec. 17, 2012</u> (Date)
2) <u>Naoki Nakamura</u> (Signature)	<u>Naoki NAKAMURA</u> (Type Name)	<u>Dec. 17, 2012</u> (Date)
3) <u>Akiko Matsui</u> (Signature)	<u>Akiko MATSUI</u> (Type Name)	<u>Dec. 17, 2012</u> (Date)

4) Tetsuro Yamada
(Signature)

Tetsuro YAMADA

(Type Name)

Dec. 17, 2012
(Date)

5) Yoshiyuki Hiroshima
(Signature)

Yoshiyuki HIROSHIMA

(Type Name)

Dec. 17, 2012
(Date)

6) Takahiro Ooi
(Signature)

Takahiro OOI

(Type Name)

Dec. 18, 2012
(Date)