

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>Setsuo YOSHIDA</td> <td>02/13/2012</td> </tr> <tr> <td>Susumu KINOSHITA</td> <td>02/13/2012</td> </tr> <tr> <td>George ISHIKAWA</td> <td>02/13/2012</td> </tr> <tr> <td>Goji NAKAGAWA</td> <td>02/13/2012</td> </tr> <tr> <td>Yutaka KAI</td> <td>02/23/2012</td> </tr> <tr> <td>Kyosuke SONE</td> <td>02/13/2012</td> </tr> <tr> <td>Keisuke HARADA</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Setsuo YOSHIDA	02/13/2012	Susumu KINOSHITA	02/13/2012	George ISHIKAWA	02/13/2012	Goji NAKAGAWA	02/13/2012	Yutaka KAI	02/23/2012	Kyosuke SONE	02/13/2012	Keisuke HARADA	02/16/2012
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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																	
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ATTORNEY DOCKET NUMBER:	10-52979																

CH \$40.00 13417481

NAME OF SUBMITTER:

Tiep H Nguyen

Total Attachments: 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 AMPLIFICATION 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 March 12, 2012

Serial No. 13/417,481

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>Setsuo Yoshida</u> (Signature)	<u>Setsuo YOSHIDA</u> (Type Name)	<u>Feb. 13, 2012</u> (Date)
2) <u>Susumu Kinoshita</u> (Signature)	<u>Susumu KINOSHITA</u> (Type Name)	<u>Feb. 13, 2012</u> (Date)
3) <u>George Ishikawa</u> (Signature)	<u>George ISHIKAWA</u> (Type Name)	<u>Feb. 13, 2012</u> (Date)
4) <u>Goji Nakagawa</u> (Signature)	<u>Goji NAKAGAWA</u> (Type Name)	<u>Feb. 13, 2012</u> (Date)

5) Yutaka Kai
(Signature)

Yutaka KAI
(Type Name)

Feb. 23, 2012
(Date)

6) Kyosuke Sone
(Signature)

Kyosuke SONE
(Type Name)

Feb. 13, 2012
(Date)

7) Keisuke Harada
(Signature)

Keisuke HARADA
(Type Name)

Feb. 16, 2012
(Date)