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1. Name of conveying parties:

- (1) Etsuko HAYASHI
- (2) Shunsuke ONO
- (3) Setsuhisa TANABE
- (4) Shinichirou MURO
- (5) Masato NISHIHARA

2. Name and Address of receiving parties:

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3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other: _____

Execution Date(s): (1) September 28, 2007; (2) September 27, 2007;
(3) October 3, 2007; (4) September 28, 2007; and (5) September 28, 2007
respectively.

4. Application number(s) or patent number(s):

- ☒ This document is being filed together with a new application.
- ☐ This document is being filed after filing of the application:

5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP
Attention: John C. Garvey
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005

Our Docket: 1344.1200

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.

John C. Garvey, Reg. No. 28,607

Name of Person Signing

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Signature

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November 18, 2007
Date

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PATENT

REEL: 020158 FRAME: 0225

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 of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

Kyoto University of 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto-shi, Kyoto 606-8501 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 CHARACTERISTICS SIMULATION APPARATUS AND OPTICAL AMPLIFICATION CHARACTERISTICS SIMULATION 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. /

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., 7th Floor, Washington, DC 20005, U. S. A., 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.

The undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Etsuko Hayashi</u> (Signature)	Etsuko HAYASHI (Type Name)	September 28, 2007 (Date)
2) <u>Shunsuke Ono</u> (Signature)	Shunsuke ONO (Type Name)	September 27, 2007 (Date)
3) <u>Setsumi Tanabe</u> (Signature)	Setsumi TANABE (Type Name)	October 3, 2007 (Date)
4) <u>Shinichirou Muro</u> (Signature)	Shinichirou MURO (Type Name)	September 28, 2007 (Date)
5) <u>Masato Nishihara</u> (Signature)	Masato NISHIHARA (Type Name)	September 28, 2007 (Date)

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