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01-21-2009

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office

its or the new address(es) below.

1. Name of conveying party(ies)

Andrey S. Andrenko
Toru Maniwa
Teruhisa Ninomiya

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/22/2008; 12/17/2008, 12/18/2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: FUJITSU LIMITED

Internal Address: _____

Street Address: 1-1, Kamikodanaka 4-chome Nakahara-ku

City: Kawasaki-shi

State: Kanagawa

Country: JAPAN Zip: 211-8588

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Edward A. Pennington, Esq.

Internal Address: Hanify & King, PC

Street Address: 1875 K Street, N.W.

Suite 707

City: Washington

State: DC Zip: 20006

Phone Number: 202-403-2100

Fax Number: (202) 403-2100

Email Address: (202) 429-8990

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-4545(5249025-US01)

Authorized User Name Edward A. Pennington, Esq.

9. Signature: Edward A. Pennington 40,161
Signature

Edward A. Pennington, Reg. No. 32,588
Name of Person Signing

01/16/2009 DEYANE 00000026 504545 12218723
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Date

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT
REEL: 022146 FRAME: 0452

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)

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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 date, 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>ASAS</u> (Signature)	Andrey S. Andrenko (Type Name)	Dec. 22, 2008 (Date)
2) <u>Toru Maniwa</u> (Signature)	Toru Maniwa (Type Name)	Dec. 17, 2008 (Date)
3) <u>Teruhisa Ninomiya</u> (Signature)	Teruhisa Ninomiya (Type Name)	Dec. 18, 2008 (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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