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To the Director of the U.S. Patent and Trademark Office

or the new address(es) below.

1. Name of conveying party(ies)

Masahiro KATAOKA
Takashi YAMASHITA
Kenji FURUICHI
Takashi TSUBOKURA

11-14'07

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

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

Execution Date(s) Oct. 4, 2007; Oct. 11, 2007; Oct. 4, 2007; Oct. 11, 2007

- ☒ 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, Kawasaki-shi, Kanagawa Japan 211-8588

City:

State:

Country:

Zip:

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

4. Application or patent number(s):

A. Patent Application No.(s)

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Patrick G. Burns

Internal Address:

Street Address: Greer, Burns & Crain, Ltd.

300 South Wacker Drive, Suite 2500

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6. Total number of applications and patents involved: 1

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

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

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 07-2069

Authorized User Name Patrick G. Burns

Signature:

Signature

November 14, 2007

Date

Patrick G. Burns

Name of Person Signing

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

2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Atty. Docket: 0113.79394

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)

INFORMATION RETRIEVAL APPARATUS, INFORMATION RETRIEVAL METHOD AND COMPUTER PRODUCT

relating to International Patent Application PCT/IP 2005/021791 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 Oct. 4 and 11, 2007; (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) <u>Masahiro Kataoka</u> (Signature)	<u>Masahiro KATAOKA</u> (Type Name)	<u>Oct. 4, 2007</u> (Date)
2) <u>Takashi Yamashita</u> (Signature)	<u>Takashi YAMASHITA</u> (Type Name)	<u>Oct. 11, 2007</u> (Date)
3) <u>Kenji Furuichi</u> (Signature)	<u>Kenji FURUICHI</u> (Type Name)	<u>Oct. 4, 2007</u> (Date)
4) <u>坪倉 孝</u> (Signature)	<u>Takashi TSUBOKURA</u> (Type Name)	<u>Oct. 11, 2007</u> (Date)