

Mail Stop:  
Assignment Recordation Services  
Director of the U.S. Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No. 127679

Please record the attached document.

Total number of pages including cover sheet, attachments, and document: 6

1. A. Name of conveying parties:  
[1] Tomohiro MATSUO  
[2] Tsuyoshi TAKATORI  
[3] Kaoru NOUMI  
[4] Susumu NISHIHASHI  
[5] Tomohide KASAME  
[6] Yukio ISHIKAWA  
[7] Junji TAKAHASHI  
B. Additional name(s) of conveying party(ies) attached?  
 Yes  No

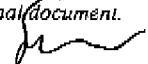
2. A. Name and address of receiving parties:  
  
FUJITSU TEN LIMITED  
2-28, GOSHO-DORI 1-CHOME  
HYOGO-KU, KOBE 652-8510  
JAPAN  
  
FUJITSU LIMITED  
1-1, KAMIKODANAKA 4-CHOME  
NAKAHARA-KU, KAWASAKI-SHI  
KANAGAWA 211-8588  
JAPAN  
B. Additional name(s) & address(es) attached?  
 Yes  No

3. A. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
B. Execution Date: [1] - [4], [7] and [12] April 24, 2006  
[5] April 26, 2006  
[6] April 27, 2006  
[8] - [11] April 20, 2006

4. A. Patent Application No.(s) 11/412,048 B. Patent No.(s)  
Additional numbers attached?  Yes  No  
C. Title of Application: GATEWAY APPARATUS AND ROUTING METHOD

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: James A. Oliff  
  
Address: **OLIFF & BERRIDGE, PLC**  
P.O. Box 19928  
Alexandria, VA 22320  
Phone Number: 703-836-6400  
Fax Number: 703-836-2787

6. Total number of applications and patents involved: 1  
7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.  
8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
  
James A. Oliff, Registration No. 27,075  
Steven W. Allis, Registration No. 50,532  
Date: May 22, 2006

CH \$40.00 150461 11412048

Name of conveying parties: (continued)

[8] Yasuyuki UMEZAKI

[9] Akiko FURUYA

[10] Nobuaki KAWASOE

[11] Naoto SHIMOJI

[12] Masayoshi KUSUMOTO

**ASSIGNMENT  
(Two Assignees)**

(1-8) <b>Insert Name(s) of Inventor(s)</b>	(1) <u>Tomohiro Matsuo</u>	(7) <u>Junji Takahashi</u>
	(2) <u>Tsuyoshi Takatori</u>	(8) <u>Yasuyuki Umezaki</u>
	(3) <u>Kaoru Noumi</u>	(9) <u>Akiko Furuya</u>
	(4) <u>Susumu Nishihashi</u>	(10) <u>Nobuaki Kawasoe</u>
	(5) <u>Tomohide Kasame</u>	(11) <u>Naoto Shimoji</u>
	(6) <u>Yukio Ishikawa</u>	(12) <u>Masayoshi Kusumoto</u>

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) <b>Insert Name of First Assignee</b>	(9A) <u>FUJITSU TEN LIMITED</u>
(10A) <b>Insert Address of First Assignee</b>	(10A) <u>2-28, Goshō-dori 1-chōme, Hyōgo-ku, Kobe 652-8510, Japan</u>
(9B) <b>Insert Name of Second Assignee</b>	(9B) <u>FUJITSU LIMITED</u>
(10B) <b>Insert Address of Second Assignee</b>	(10B) <u>1-1, Kamikodanaka 4-chōme, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan</u>

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) <b>Insert Identification, such as Title, Case Number or Foreign Application Number</b>	(11) <u>GATEWAY APPARATUS AND ROUTING METHOD</u>
	Attorney Docket No. _____
	for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or
(12) <b>Insert Date of Signing of Application</b>	(12) _____ on _____
(13) <b>Alternative Identification for filed applications</b>	(13) U.S. Application Serial Number _____ filed _____

1) Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>April 24, 2006</u>	Inventor Signature	<u>Tomohiro Matsuo</u>	<u>Tomohiro Matsuo</u>	(SEAL)
Date	<u>April 24, 2006</u>	Inventor Signature	<u>Tsuyoshi Takatori</u>	<u>Tsuyoshi Takatori</u>	(SEAL)
Date	<u>April 24, 2006</u>	Inventor Signature	<u>Kaoru Noumi</u>	<u>Kaoru Noumi</u>	(SEAL)
Date	<u>April 24, 2006</u>	Inventor Signature	<u>Susumu Nishihashi</u>	<u>Susumu Nishihashi</u>	(SEAL)
Date	<u>April 26, 2006</u>	Inventor Signature	<u>Tomohide Kasame</u>	<u>Tomohide Kasame</u>	(SEAL)

Date	<u>April 27, 2006</u>	Inventor Signature	<u>Yukio Ishikawa</u> <i>Yukio Ishikawa</i>	(SEAL)
Date	<u>April 24, 2006</u>	Inventor Signature	<u>Junji Takahashi</u> <i>Junji Takahashi</i>	(SEAL)
Date	_____	Inventor Signature	<u>Yasuyuki Umezaki</u>	(SEAL)
Date	_____	Inventor Signature	<u>Akiko Furuya</u>	(SEAL)
Date	_____	Inventor Signature	<u>Nobuaki Kawasoe</u>	(SEAL)
Date	_____	Inventor Signature	<u>Naoe Shimoji</u>	(SEAL)
Date	_____	Inventor Signature	<u>Masayoshi Kusumoto</u>	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A, (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	_____	Witness	_____
Date	_____	Witness	_____

ASSIGNMENT  
(Two Assignees)

- |                                     |                              |                                |
|-------------------------------------|------------------------------|--------------------------------|
| (1-8) Insert Name(s) of Inventor(s) | (1) <u>Tomohiro Matsuo</u>   | (7) <u>Junji Takahashi</u>     |
|                                     | (2) <u>Tsuyoshi Takatori</u> | (8) <u>Yasuyuki Umezaki</u>    |
|                                     | (3) <u>Kaoru Noumi</u>       | (9) <u>Akiko Furuwa</u>        |
|                                     | (4) <u>Susumu Nishihashi</u> | (10) <u>Nobuaki Kawasoe</u>    |
|                                     | (5) <u>Tomohide Kasame</u>   | (11) <u>Naoto Shimoji</u>      |
|                                     | (6) <u>Yukio Ishikawa</u>    | (12) <u>Masayoshi Kusumoto</u> |

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- |   |   |
|---|---|
| (9A) Insert Name of First Assignee      | (9A) <u>FUJITSU TEN LIMITED</u>   |
| (10A) Insert Address of First Assignee  | (10A) <u>2-2E, Goshu-dori 1-chome, Hyogo-ku, Kobe 652-8510, Japan</u>                       |
| (9B) Insert Name of Second Assignee     | (9B) <u>FUJITSU LIMITED</u>   |
| (10B) Insert Address of Second Assignee | (10B) <u>1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan</u> |

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- |  |  |
|--|--|
| (11) Insert Identification, such as Title, Case Number or Foreign Application Number | (11) <u>GATEWAY APPARATUS AND ROUTING METHOD</u> |
|  | Attorney Docket No. _____                        |

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- |  |   |
|--|---|
| (12) Insert Date of Signing of Application             | (12) _____ on _____                                   |
| (13) Alternative Identification for filed applications | (13) U.S. Application Serial Number _____ filed _____ |

- 1) Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERTRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Inventor Signature <u>Tomohiro Matsuo</u>	(SEAL)
Date _____	Inventor Signature <u>Tsuyoshi Takatori</u>	(SEAL)
Date _____	Inventor Signature <u>Kaoru Noumi</u>	(SEAL)
Date _____	Inventor Signature <u>Susumu Nishihashi</u>	(SEAL)
Date _____	Inventor Signature <u>Tomohide Kasame</u>	(SEAL)

Date \_\_\_\_\_  
 Date \_\_\_\_\_  
 Date April 20, 2006  
 Date April 20, 2006  
 Date April 20, 2006  
 Date April 20, 2006  
 Date 24, APR, 2006

Inventor Signature Yukio Ishikawa (SEAL)  
 Inventor Signature Junji Takahashi (SEAL)  
 Inventor Signature Yasuyuki Umezaki 梅崎 康之 (SEAL)  
 Inventor Signature Akiko Furuya 古谷 暎子 (SEAL)  
 Inventor Signature Nobuaki Kawasoe 川添 直明 (SEAL)  
 Inventor Signature Naoto Shimoeji 下地 直人 (SEAL)  
 Inventor Signature Masayoshi Kusumoto 楠本 正喜 (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date April 24, 2006  
 Date April 24, 2006

Witness Yoshimi Shindo Yoshimi Shindo  
 Witness Takako Sugiura T. Sugiura