

03-02-2007



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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takao NAKAGAWA; Tsuyoshi SHIMOMURA; Ryusuke KIRYU

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: January 18, 2007, Respectively

2. Name and address of receiving party(ies)

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome  
Nakahara-ku, Kawasaki-shi  
Kanagawa, 211-8588 JAPAN

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

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

If this document is being filed together with a new application, the execution date of the application is: January 18, 2007, Respectively

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Edward A. Pennington, Esq.  
Address: Bingham McCutchen LLP  
3000 K Street, NW  
Suite 300  
Washington, DC 20007-5116

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

19-5127, Order # 7053882001

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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.

Edward A. Pennington, R. N. 32,588

Name of Person Signing

*by Michael A. Helweg 40,161*

Signature

2-5-07

Date

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

Mail documents to be recorded with required cover sheet information to:  
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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)

## PREAMBLE RECEIVING 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 \_\_\_\_\_

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) Takao NAKAGAWA  
(Signature)

Takao NAKAGAWA  
(Type Name)

Jan. 18, 2007  
(Date)

2) Tsuyoshi Shimomura  
(Signature)

Tsuyoshi SHIMOMURA  
(Type Name)

Jan. 18, 2007  
(Date)

3) Yusuke Kiryu  
(Signature)

Ryusuke KIRYU  
(Type Name)

Jan. 18, 2007  
(Date)

4) \_\_\_\_\_  
(Signature)

(Type Name)

(Date)

5) \_\_\_\_\_  
(Signature)

(Type Name)

**(Date)**

## PATENT

**RECORDED: 02/05/2007**

REEL: 018978 FRAME: 0845