

A/D 581.40

10-09-2002

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INT PCT/PTO 30 JUL 2002

Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:

Masumi Fujiwara  
Masami Yabusaki  
Yugo Watanabe

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

2. Name and Address of Party(ies) receiving an interest:

Name: NTT DoCoMo, Inc.  
Internal Address:  
Street Address: 11-1 Nagatacho 2-chome  
City: Chiyoda-ku  
State/Zip: Tokyo 100-6150 Japan

Additional name(s) and addresses attached?  
 Yes  No

3. Description of the interest conveyed:

Assignment  Change of Name Other:  
 Security Agreement  Merger

Execution Dates: June 17, 2002; June 21, 2002; and June 14, 2002

4. Application number(s) or patent number(s). Additional sheet attached?  Yes  No

If this document is being filed together with a new application, the execution dates of the application are:  
June 17, 2002; June 21, 2002; and June 14, 2002

Date

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached?  Yes  No

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

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to Deposit Account No. 23-1925

8.  Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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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.

Tadashi Horie - Reg. No. 40,437  
Name of Person Signing

Signature

July 30, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 5

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DT10 Rec'd PCT/PTO 30 JUL 2002

Conveying Parties: Masumi Fujiwara et al.  
Receiving Party: NTT DoCoMo, Inc.  
Docket No. 9683/135

**TO THE COMMISSIONER FOR PATENTS**

1.(Cont.) Name of Party(ies) conveying an interest:

Masahiro Sawada  
Kouji Sasada

## ASSIGNMENT

WHEREAS, Masumi FUJIWARA, Masami YABUSAKI, Yugo WATANABE, Masahiro SAWADA and Kouji SASADA, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled, LOCATION REGISTRATION METHOD FOR MOBILE COMMUNICATION TERMINALS, EN BLOC PAGING METHOD FOR MOBILE COMMUNICATION TERMINALS, AND MOBILE COMMUNICATION SYSTEM, executed by Assignors on the same date as this Assignment;

WHEREAS, NTT DoCoMo, Inc., a corporation organized and existing under the laws of Japan, having a place of business at 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and

patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: June 17, 2002 Masumi Fujiwara  
Masumi FUJIWARA

WITNESSED:

DATE: June 17, 2002 Hiromi Sudo

DATE: June 17, 2002 Takeyuki Nagura

DATE: June 21, 2002 Masami Yabusaki  
Masami YABUSAKI

WITNESSED:

DATE: June 21, 2002 Hiromi Sudo

DATE: June 21, 2002 Takeyuki Nagura

DATE: June 21, 2002 Yugo Watanabe  
Yugo WATANABE

WITNESSED:

DATE: June 21, 2002 Hiromi Sudo

DATE: June 21, 2002 Takeyuki Nagura

DATE: June 21, 2002 Masahiro Sawada  
Masahiro SAWADA

WITNESSED:  
DATE: June 21, 2002 Miromi Sudo

DATE: June 21, 2002 Takeyuki Nagura

DATE: June 14, 2002 Koji Sasada  
Kouji SASADA

WITNESSED:  
DATE: June 14, 2002 Miromi Sudo

DATE: June 14, 2002 Takeyuki Nagura