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PATENTS ONLY

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THE COMMISSIONER FOR PATENTS

Please record the attached original document or copy thereof.

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

Youichi Tanibayashi
Koichi Takahara
Masahiro Kaiwa

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

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

Additional name(s) of conveying party(ies) attached?

3-9-01

☒ Yes ☐ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ MergerExecution Dates: December 22, 2000; December 27,
2000; December 28, 2000; January 22, 2001; January 25,
20014. 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:

December 22, 2000; December 27, 2000; December 28, 2000; January 22, 2001; January 25, 2001

Date

A. Patent Application No.(s)

B. Patent No.(s)

09/786818

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.
23-19258. ☒ 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.

Gregory H. Zayia

Name of Person Signing

March 9, 2001

Date

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

Rev. Dec.-99

Document14

PATENT
REEL: 011744 FRAME: 0051

ADDITIONAL NAMES OF CONVEYING PARTIES

Hiroyuki Yamamoto

Kaoru Nakajima

Ichiro Inaba

Yuichiro Tsutsui

ASSIGNMENT

WHEREAS, Youichi TANIBAYASHI, Koichi TAKAHARA, Masahiro KAIWA, Hiroyuki YAMAMOTO, Kaoru NAKAJIMA, Ichiro INABA and Yuichiro TSUTSUI, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled, POSITION INFORMATION NOTIFYING METHOD AND POSITION INFORMATION NOTIFYING APPARATUS, 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: December 27, 2000 Yoshi Tanibayashi
Youichi TANIBAYASHI

WITNESSED:

DATE: Dec. 27, 2000 Hiromi Sudo

DATE: Dec. 27, 2000 Akiroshi Miyazaki

DATE: December 22, 2000 Koichi Takahara
Koichi TAKAHARA

WITNESSED:

DATE: Dec. 22, 2000 Hiromi Sudo

DATE: Dec. 22, 2000 Akiroshi Miyazaki

DATE: December 28, 2000 Masahiro Kaiwa
Masahiro KAIWA

WITNESSED:

DATE: Dec 28, 2000 Hiromi Sudo

DATE: Dec. 28, 2000 Akiroshi Miyazaki

DATE: December 28, 2000 HiroYuki Yamamoto
Hiroyuki YAMAMOTO

WITNESSED:

DATE: Dec, 28, 2000 Hiromi Sudo

DATE: Dec, 28, 2000 Atsushi Miyazaki

DATE: December 22, 2000 Kaoru Nakajima
Kaoru NAKAJIMA

WITNESSED:

DATE: Dec 22, 2000 Hiromi Sudo

DATE: Dec, 22, 2000 Atsushi Miyazaki

DATE: January 22, 2001 Ichiro Inaba
Ichiro INABA

WITNESSED:

DATE: Jan 22, 2001 Hiromi Sudo

DATE: Jan, 22, 2001 Atsushi Miyazaki

DATE: JAN 25, 2001 Yuichiro Tsutsui
Yuichiro TSUTSUI

WITNESSED:

DATE: Jan, 25, 2001 Hiromi Sudo

DATE: Jan, 25, 2001 Atsushi Miyazaki