### PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

#### SUBMISSION TYPE:
- NEW ASSIGNMENT

#### NATURE OF CONVEYANCE:
- ASSIGNMENT

#### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hiromasa FUJII</td>
<td>05/18/2005</td>
</tr>
<tr>
<td>Shigeru TOMISATO</td>
<td>05/18/2005</td>
</tr>
<tr>
<td>Hichito SUDA</td>
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<tr>
<td>Tetsushi ABE</td>
<td>05/18/2005</td>
</tr>
<tr>
<td>Takefumi YAMADA</td>
<td>05/18/2005</td>
</tr>
</tbody>
</table>

#### RECEIVING PARTY DATA

- **Name:** NTT DoCoMo, Inc.
- **Street Address:** 11-1, Nagatacho 2-chome, Chiyoda-ku
- **City:** Tokyo
- **State/Country:** JAPAN

#### PROPERTY NUMBERS Total: 1

<table>
<thead>
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<th>Property Type</th>
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<tr>
<td>Application Number</td>
<td>10535859</td>
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#### CORRESPONDENCE DATA

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- **Correspondent Name:** Oblon, Spivak, et al.
- **Address Line 1:** 1940 Duke Street
- **Address Line 4:** Alexandria, VIRGINIA 22314

#### ATTORNEY DOCKET NUMBER:
- 272759US-90-PCT

#### NAME OF SUBMITTER:
- Mesfin Kassaye

Total Attachments: 2  
source=272759USAssignment#page1.tif
Assignment of Application

WHEREAS, I (WE) Hiromasa FUJIJI of Yokosuka-shi, Kanagawa Japan
Shigeru TOMISATO of Okayama-shi, Okayama Japan
Hirohito SUDA of Yokosuka-shi, Kanagawa Japan
Tetsushi ABE of Yokohama-shi, Kanagawa Japan
Takefumi YAMADA of Kita-ku, Tokyo Japan

have invented certain new and useful improvements in: COMMUNICATIONS SYSTEM, COMMUNICATIONS METHOD, TRANSMITTING APPARATUS, RECEIVING APPARATUS AND CONTROL PROGRAM

For which an application for Letters Patent was executed on even date herewith
(Application No. PCT/JP2003/14824, filed November 20, 2003), and

WHEREAS, NTT DoCoMo, Inc.

(hereinafter referred to as “ASSIGNEE”) having places of business at: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS ($5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date: May 18, 2005
(Signature of Inventor) Hiromasa FUJII

Date: May 18, 2005
(Signature of Inventor) Shigeru TOMISATO

Date: May 18, 2005
(Signature of Inventor) Hirohito SUDA

Date: May 18, 2005
(Signature of Inventor) Tetsushi ABE

Date: May 18, 2005
(Signature of Inventor) Takefumi YAMADA

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