# PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

## SUBMISSION TYPE: NEW ASSIGNMENT

## NATURE OF CONVEYANCE: ASSIGNMENT

## CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>Hiroyuki ISHII</td>
<td>12/20/2010</td>
</tr>
<tr>
<td>Anil UMESH</td>
<td>12/20/2010</td>
</tr>
</tbody>
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## RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>NTT DOCOMO, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>11-1, Nagatacho 2-chome</td>
</tr>
<tr>
<td>City</td>
<td>Chiyoda-ku, Tokyo</td>
</tr>
<tr>
<td>State/Country</td>
<td>JAPAN</td>
</tr>
<tr>
<td>Postal Code</td>
<td>100-6150</td>
</tr>
</tbody>
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## PROPERTY NUMBERS Total: 1

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<tr>
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<th>Number</th>
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<tr>
<td>Application Number</td>
<td>12995061</td>
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## CORRESPONDENCE DATA

- Fax Number: (713)228-8778  
  *Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*
- Phone: 713-228-8600
- Email: mcfadden@oshaliang.com
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- Address Line 2: Suite 3500
- Address Line 4: Houston, TEXAS 77010

## ATTORNEY DOCKET NUMBER: PB-17470/103001-BCM/LHS

## NAME OF SUBMITTER: Jonathan P. Osha
Osha・Liang

ASSIGNMENT

譲渡証

本証末尾に署名した者（以下、「発明者」という）は、適正・相当な対価を受領しており、それが十分な対価であることを認識した上で、
（氏名または組織名）

住所

（以下「会社」という）と、その承継人および譲受人に対して、
（発明の名称）

という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明（以下、「発明」という）か
かるアメリカ合衆国（その属領、支配地を含むがこれに
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当該特許申請、その分割、継続、一部継続、再発行及
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国特許証と譲渡する。かかる利権とは、「会
社」、その承継人、譲受人、またはそれらの法的代理人
の上記申請に対する、及び、特許証が与えられたとき
はそれに対する、本譲渡が行われなかった場合に「発
明者」に対して特許証が与えられ、また延長されること
により受領されると同一の期間にわたる完全な所有
権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as “INVENTOR(S)”) hereby assign, transfer and set over to:

NTT DOCOMO, INC.

having the following address:

11-1, Nagatacho 2-chome, Chiyoda-ku,
Tokyo 100-6150 Japan

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

MOBILE COMMUNICATION METHOD, MOBILE STATION, AND RADIO BASE STATION

for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.
In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;

2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;

3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA · LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.
Osha • Liang

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Dec. 20, 2010

Hiroyuki Ishii

Signature of Inventor

Dec. 21, 2010

Signature of Inventor

Anil Umesh

Date

Signature of Inventor

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

Date

Signature

Date

Signature

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

US. Application Serial No.: 12/995,061
Filing Date: November 29, 2010

OM-Assn-JP.doc