

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroki ZUKAWA</td> <td>01/16/2012</td> </tr> <tr> <td>Hidehiko OYANE</td> <td>01/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hiroki ZUKAWA	01/16/2012	Hidehiko OYANE	01/16/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>NTT DOCOMO, INC.</td> </tr> <tr> <td>Street Address:</td> <td>11-1, Nagatacho 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-6150</td> </tr> </table>		Name:	NTT DOCOMO, INC.	Street Address:	11-1, Nagatacho 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-6150
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CORRESPONDENCE DATA											
<p>Fax Number: (703)413-2220</p> <p>Phone: (703) 413-3000</p> <p>Email: asomaiel@oblon.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	391271US8PCT										
NAME OF SUBMITTER:	Adel Samuel										
<p>Total Attachments: 2</p> <p>source=391271USAssignment#page1.tif</p> <p>source=391271USAssignment#page2.tif</p>											

OP \$40.00 13378508

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Hiroki ZUKAWA of Yokohama-shi, Kanagawa, Japan

Hidehiko OYANE of Yokohama-shi, Kanagawa, Japan

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: RADIO BASE STATION, MOBILE COMMUNICATION
SYSTEM AND MOBILE COMMUNICATION METHOD

(Application No. 13/378,508, filed March 8, 2012), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, NTT DOCOMO, INC.

(hereinafter referred to as "ASSIGNEES") having places of business at: 11-1, Nagatacho 2-chome, Chiyoda-ku,
Tokyo 100-6150 Japan, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the
assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said
ASSIGNEES, their 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 ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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, L.L.P. 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: Jan. 16. 2012

Hiroki Zukawa
(Signature of Inventor) Hiroki ZUKAWA

Date: Jan. 16. 2012

Hidehiko Oyane
(Signature of Inventor) Hidehiko OYANE

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314