

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2584924

| 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>TETSUSHI ABE</td> <td>07/01/2013</td> </tr> <tr> <td>MIKIO IWAMURA</td> <td>07/01/2013</td> </tr> <tr> <td>KAZUAKI TAKEDA</td> <td>07/01/2013</td> </tr> </tbody> </table> | | Name | Execution Date | TETSUSHI ABE | 07/01/2013 | MIKIO IWAMURA | 07/01/2013 | KAZUAKI TAKEDA | 07/01/2013 | | |
| Name | Execution Date | | | | | | | | | | |
| TETSUSHI ABE | 07/01/2013 | | | | | | | | | | |
| MIKIO IWAMURA | 07/01/2013 | | | | | | | | | | |
| KAZUAKI TAKEDA | 07/01/2013 | | | | | | | | | | |
| 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 |
| Name: | NTT DOCOMO, INC. | | | | | | | | | | |
| Street Address: | 11-1, NAGATACHO 2-CHOME, CHIYODA-KU | | | | | | | | | | |
| City: | TOKYO | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | |
| Postal Code: | 100-6150 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14112170</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 14112170 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 14112170 | | | | | | | | | | |
| 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 via US Mail when the email attempt is unsuccessful.</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: | 421833US8PCT | | | | | | | | | | |
| NAME OF SUBMITTER: | ADEL SAMUEL | | | | | | | | | | |
| Signature: | /Adel Samuel/ | | | | | | | | | | |
| Date: | 10/21/2013 | | | | | | | | | | |
| <p>Total Attachments: 2</p> <p>source=421833USAssignment#page1.tif</p> <p>source=421833USAssignment#page2.tif</p> | | | | | | | | | | | |

OP \$40.00 14112170

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Tetsushi ABE of Chiyoda-ku, Tokyo, Japan

Mikio IWAMURA of Chiyoda-ku, Tokyo, Japan

Kazuaki TAKEDA of Chiyoda-ku, Tokyo, Japan

_____, respectively,

INSERT TITLE OF
INVENTION:

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

(Application No. PCT/JP2012/055687, filed March 6, 2012), and

WHEREAS, NTT DOCOMO, INC.

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(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: <u>July 1, 2013</u> | <u>Tetsushi Abe</u> (Signature of Inventor) Tetsushi ABE |
| Date: <u>Jul. 1, 2013</u> | <u>Mikio IWAMURA</u> (Signature of Inventor) Mikio IWAMURA |
| Date: <u>Jul. 1, 2013</u> | <u>Kazuaki Takeda</u> (Signature of Inventor) Kazuaki TAKEDA |
| 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