

## PATENT ASSIGNMENT

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Stylesheet Version v1.1

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>Motoharu Miyake</td> <td>11/18/2011</td> </tr> <tr> <td>Fujio Watanabe</td> <td>11/18/2011</td> </tr> <tr> <td>Hyung Sik Shin</td> <td>11/18/2011</td> </tr> <tr> <td>Ismail Guvenc</td> <td>11/22/2011</td> </tr> <tr> <td>Daichi Funato</td> <td>11/18/2011</td> </tr> </tbody> </table>		Name	Execution Date	Motoharu Miyake	11/18/2011	Fujio Watanabe	11/18/2011	Hyung Sik Shin	11/18/2011	Ismail Guvenc	11/22/2011	Daichi Funato	11/18/2011
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Ismail Guvenc	11/22/2011												
Daichi Funato	11/18/2011												
RECEIVING PARTY DATA													
Name:	DOCOMO Innovations, Inc.												
Street Address:	3240 Hillview Avenue												
City:	Palo Alto												
State/Country:	CALIFORNIA												
Postal Code:	94304												
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>13291722</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13291722								
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Application Number:	13291722												
CORRESPONDENCE DATA													
Fax Number:	(408)720-8383												
Phone:	408-720-8300												
Email:	james_macneil@bstz.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Blakely, Sokoloff, Taylor & Zafman												
Address Line 1:	1279 Oakmead Parkway												
Address Line 4:	Sunnyvale, CALIFORNIA 94085												
ATTORNEY DOCKET NUMBER:	06655.P200												
NAME OF SUBMITTER:	Michael J. Mallie												
Total Attachments: 2 source=6655P200_Assignment#page1.tif source=6655P200_Assignment#page2.tif													

CH \$40.00 13291722

**ASSIGNMENT OF PATENT APPLICATION**

Docket No.: 06655.P200

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, Motoharu Miyake, Fujio Watanabe, Daichi Funato, Hyung Sik Shin, and Ismail Guvenc

hereby sell, assign, and transfer to DOCOMO Innovations, Inc.

a corporation of Delaware, having a principal place of business at 3240 Hillview Avenue, Palo Alto, California 94304 USA

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

**SYSTEM AND METHOD FOR POPULATION TRACKING, COUNTING, AND MOVEMENT ESTIMATION USING MOBILE OPERATIONAL DATA AND/OR GEOGRAPHIC INFORMATION IN MOBILE NETWORK**

said patent application also identified as follows (when known):

United States Patent Application Number 13/291,722 filed Nov. 8, 2011,

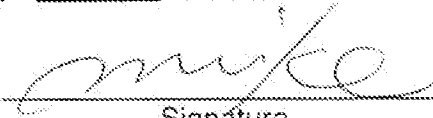
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

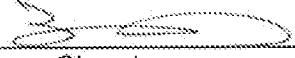
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has

been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

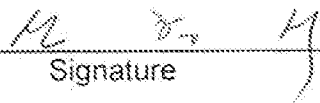
Each Inventor: Please Sign and Date Below:

11/18 , 20 11        
Date                      Signature

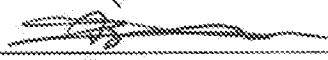
Motoharu Miyake

0/18 , 20 11        
Date                      Signature


Fujio Watanabe

11/18 , 20 11        
Date                      Signature

Hyung Sik Shin

11/22 , 20 11        
Date                      Signature

Ismail Guvenc

11/18 , 20 11        
Date                      Signature

Daichi Funato

Assignment Document Return Address:  
Blakely, Sokoloff, Taylor & Zafman LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
408-720-8300