

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                               |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                                   |
| CONVEYING PARTY DATA   |  |
| Name   | Execution Date                               |
| Ismail Guvenc  | 01/05/2010                                   |
| RECEIVING PARTY DATA   |  |
| Name:  | DOCOMO Communications Laboratories USA, Inc. |
| Street Address:  | 3240 Hillview Avenue                         |
| City:  | Palo Alto                                    |
| State/Country:   | CALIFORNIA                                   |
| Postal Code:   | 94304-1201                                   |
| PROPERTY NUMBERS Total: 1  |  |
| Property Type  | Number                                       |
| Application Number:  | 12683263                                     |
| CORRESPONDENCE DATA  |  |
| Fax Number:  | (214)200-0853                                |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |  |
| Phone:   | 214-651-5000                                 |
| Email:   | ipdocketing@haynesboone.com                  |
| Correspondent Name:  | Haynes and Boone, LLP - IP Section           |
| Address Line 1:  | 2323 Victory Avenue                          |
| Address Line 2:  | Suite 700                                    |
| Address Line 4:  | Dallas, TEXAS 75219                          |
| ATTORNEY DOCKET NUMBER:  | 70216.401 (M-17523 US)                       |
| NAME OF SUBMITTER:   | Edward C. Kwok                               |
| Total Attachments: 1<br>source=Assignment1#page1.tif                                 |  |

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PATENT  
REEL: 023743 FRAME: 0987

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I

Ismail Guvenc of Santa Clara, California

hereby sell, assign and transfer to **DOCOMO Communications Laboratories USA, Inc.**, a Delaware corporation, having a place of business at 3240 Hillview Avenue, Palo Alto, CA 94304-1201, its successors and assigns, the entire right, title and interest throughout the world in our invention in

**METHOD FOR TIME/FREQUENCY SPREADING IN A FEMTOCELL NETWORK  
FOR INTERFERENCE REDUCTION**

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 5 day of January, 2010.

  
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Ismail Guvenc