

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOCOMO Communications Laboratories USA, Inc.	12/02/2009
RECEIVING PARTY DATA	
Name:	NTT DOCOMO Inc.
Street Address:	Sanno Park Tower, 11-1, Nagata-cho
Internal Address:	2-chome, Chiyoda-Ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-6150
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12620422
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:	M-17575 US (70216.410)
NAME OF SUBMITTER:	Edward C. Kwok
Total Attachments: 1 source=M-17575USAssignment2#page1.tif	

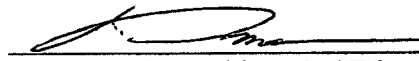
CH \$40.00 12620422

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, DOCOMO Communications Laboratories USA, Inc. ("Assignor"), hereby sells, assigns and transfers to **NTT DOCOMO Inc.** ("Assignee"), having a place of business at Sanno Park Tower, 11-1, Nagata-cho, 2-chome, Chiyoda-Ku, Tokyo 100-6150, Japan, its successors and assigns, the Assignor's entire right, title and interest throughout the world in the inventions described in the U.S. patent application no. **12/620,422** filed on November 17, 2009, entitled "**A NON-CYCLIC EVOLVING -TYPE USER RESOURCE STRUCTURE FOR OFDMA BASED SYSTEM WITH NULL GUARD TONES**", and all patent applications and patents of every country for said inventions, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; the Assignor authorizes the Assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from the Assignor; and agrees 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 inventions in all countries; and requests that the United States Patent and Trademark Office issue all patents granted for said inventions to Assignee, its successors and assigns.

Executed this 2nd day of December, 2009.

DOCOMO Communications Laboratories USA, Inc.



Kazuo Imai, President & CEO