

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Moo Ryong Jeong</td> <td>10/24/2008</td> </tr> <tr> <td>Ismail Guvenc</td> <td>10/24/2008</td> </tr> <tr> <td>Fujio Watanabe</td> <td>10/24/2008</td> </tr> </tbody> </table>		Name	Execution Date	Moo Ryong Jeong	10/24/2008	Ismail Guvenc	10/24/2008	Fujio Watanabe	10/24/2008
Name	Execution Date								
Moo Ryong Jeong	10/24/2008								
Ismail Guvenc	10/24/2008								
Fujio Watanabe	10/24/2008								
RECEIVING PARTY DATA									
Name:	DOCOMO Communications Laboratories USA, Inc.								
Street Address:	3240 Hillview Avenue								
City:	Palo Alto								
State/Country:	CALIFORNIA								
Postal Code:	94304								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12258294</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12258294				
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Application Number:	12258294								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	6655P157								
NAME OF SUBMITTER:	Michael J. Mallie, Reg. No. 36,591								
Total Attachments: 2 source=P157 Executed Assignment#page1.tif source=P157 Executed Assignment#page2.tif									

CH \$40.00 12258294

PATENT

Attorney's Docket

ASSIGNMENT

PATENT

No.: 006655.P157 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Moo Ryong Jeong, Ismail Guvenc, and Fujio Watanabe

hereby sell, assign, and transfer to DOCOMO Communications Laboratories USA, 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 for the United States patent
which may have a declaration being executed by the undersigned prior hereto
or concurrently herewith on the dates indicated below and is entitled

SYNCHRONIZED MULTI-LINK TRANSMISSION IN AN ARQ-ENABLED MULTI-HOP
WIRELESS NETWORK

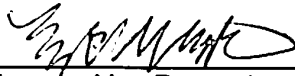
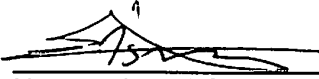
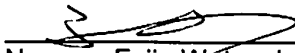
and in and to said application and all provisional applications, utility applications, design
applications, divisional applications, continuation applications, continued prosecution
applications, continuation-in-part applications, substitute applications, renewal applications,
reissue applications, reexaminations, 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, 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.

I hereby authorize the above designated assignee to insert here in parenthesis (_____) the filing date and application number of any of said applications when known.

Each Inventor: Please Sign and Date Below:

<u>10/24</u> , 2008 Date	 Name: Moo Ryong Jeong
<u>10/24</u> , 2008 Date	 Name: Ismail Guvenc
<u>10/24</u> , 2008 Date	 Name: Fujio Watanabe

Each Inventor: Please also list the date that you signed the accompanying DECLARATION:

<u>10/24</u> , 2008 Date
<u>10/24</u> , 2008 Date
<u>10/24</u> , 2008 Date

Assignment Document Return Address:
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