

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bo Goransson</td> <td>05/08/2009</td> </tr> <tr> <td>Per Johan Torsner</td> <td>05/11/2009</td> </tr> <tr> <td>Stefan Parkvall</td> <td>04/29/2009</td> </tr> </tbody> </table>		Name	Execution Date	Bo Goransson	05/08/2009	Per Johan Torsner	05/11/2009	Stefan Parkvall	04/29/2009
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RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Telefonaktiebolaget LM Ericsson (publ)</td> </tr> <tr> <td>Street Address:</td> <td>SE-164 83</td> </tr> <tr> <td>City:</td> <td>Stockholm</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> </table>		Name:	Telefonaktiebolaget LM Ericsson (publ)	Street Address:	SE-164 83	City:	Stockholm	State/Country:	SWEDEN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: (919)854-2084</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 919-854-1844</p> <p>Email: lwade@coatsandbennett.com</p> <p>Correspondent Name: Stephen A. Herrera</p> <p>Address Line 1: 1400 Crescent Green, Suite 300</p> <p>Address Line 2: COATS & BENNETT, PLLC</p> <p>Address Line 4: Cary, NORTH CAROLINA 27518</p>									
ATTORNEY DOCKET NUMBER:	4015-6504								
NAME OF SUBMITTER:	Stephen A. Herrera								
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>									

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PATENT
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ASSIGNMENT

For good and valuable consideration,

Bo Göransson, a citizen of Sweden, residing at
Silverdalsvägen 67
SE-191 38 Sollentuna
Sweden

Per Johan Torsner, a citizen of Finland, residing at
Skogstorpsvägen 2 C9
FI-02430 Masaby
Finland

Stefan Parkvall, a citizen of Sweden, residing at
Västmannagatan 53
SE-113 25 Stockholm
Sweden


hereby assign(s) to Telefonaktiebolaget LM Ericsson (publ), having its principal place of
business at
SE-164 83 Stockholm
Sweden

the entire right, title, and interest in and to the **HARQ IN SPATIAL MULTIPLEXING MIMO
SYSTEM** which is disclosed in U. S. Patent Application Serial Number 12/447,522 filed on April
28, 2009 and for any and all patents granted therefore, in any and all countries, including
continuations, continuations-in-part, divisionals, reissues and extensions thereof, and all rights
of priority resulting from the filing of said U.S. application to be held and enjoyed by
Telefonaktiebolaget LM Ericsson (publ), its successors, and assigns, as fully and entirely as
the same would have been held and enjoyed by **Bo Göransson, Per Johan Torsner and
Stefan Parkvall** had this assignment not been made.

MAY 8, 2009
Date

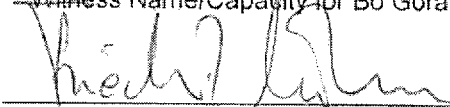

Bo Göransson

MAY 8, 2009
Date


Witness Signature


Christer Falk
Witness Name/Capacity for Bo Göransson

MAY 8, 2009
Date



Witness Signature

Friedrich Kühn
Witness Name/Capacity for Bo Göransson

11 May 2009
Date


Per Johan Torsner

11 May 2009
Date


Witness Signature

MATS SALOFORS
Witness Name/Capacity for Per Johan Torsner

11 May 2009
Date


Witness Signature

STEFAN WAGER
Witness Name/Capacity for Per Johan Torsner

Date

Stefan Parkvall

Date

Witness Signature

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Per Johan Torsner

Date

Witness Signature

Witness Name/Capacity for Per Johan Torsner


Date

Witness Signature

Witness Name/Capacity for Per Johan Torsner

2009-04-29

Date



Stefan Parkvall

2009-04-29

Date

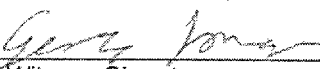


Witness Signature

Magnus Olson

Witness Name/Capacity for Stefan Parkvall

Date



Witness Signature

Witness Name/Capacity for Stefan Parkvall