

## PATENT ASSIGNMENT

Electronic Version v1.1  
 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>Mats Fredrik Sagfors</td> <td>01/18/2010</td> </tr> <tr> <td>Per Johan Torsner</td> <td>01/26/2010</td> </tr> <tr> <td>Henning Wiemann</td> <td>01/07/2010</td> </tr> <tr> <td>Michael Meyer</td> <td>01/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mats Fredrik Sagfors	01/18/2010	Per Johan Torsner	01/26/2010	Henning Wiemann	01/07/2010	Michael Meyer	01/07/2010
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Telefonaktiebolaget L M 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 L M Ericsson (publ)	Street Address:	SE-164 83	City:	Stockholm	State/Country:	SWEDEN		
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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>13717753</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13717753						
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CORRESPONDENCE DATA											
<p>Fax Number: 9198542084  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 919-854-1844        Email: uspto-assignments@coatsandbennett.com        Correspondent Name: COATS &amp; BENNETT, PLLC        Address Line 1: 1400 Crescent Green, Suite 300        Address Line 4: Cary, NORTH CAROLINA 27518</p>											
ATTORNEY DOCKET NUMBER:	4015-8375										
NAME OF SUBMITTER:	Timothy C. Bradley										
Signature:	/Timothy C. Bradley, Reg. No. 59,497/										
Date:	05/07/2013										

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Total Attachments: 6

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## ASSIGNMENT

For good and valuable consideration,

Mats Fredrik Sångfors, a citizen of Finland, residing at  
Jungfrusvängen 33 G 12  
FI-02400 Kyrkslätt  
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Per Johan Torsner, a citizen of Sweden, residing at  
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Henning Wiemann, a citizen of Germany, residing at  
Kelmesbergweg 7  
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Michael Meyer, a citizen of Germany, residing at  
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52080 Aachen  
Germany

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 invention **METHOD AND ARRANGEMENT FOR RETRANSMISSION USING HARQ** which is disclosed in U. S. Patent Application Serial Number 12/665,191 filed on December 17, 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 **Mats Fredrik Sångfors, Per Johan Torsner, Henning Wiemann and Michael Meyer** had this assignment not been made.

18.07.2010  
Date

Mats Sægfors  
Mats Fredrik Sægfors

18.01.2010  
Date

[Signature]  
Witness Signature

EDGAR RAMOS  
Witness Name/Capacity for Mats Fredrik Sægfors

18.01.2010  
Date

[Signature]  
Witness Signature

Gonzalo Camarillo  
Witness Name/Capacity for Mats Fredrik Sægfors

\_\_\_\_\_  
Date

\_\_\_\_\_  
Per Johan Torsner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

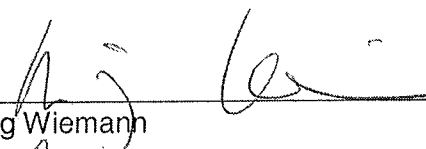
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Witness Name/Capacity for Per Johan Torsner

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Date

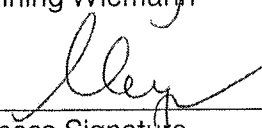
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Date

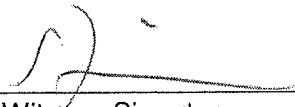
  
Henning Wiemann

07.01.2010  
Date

  
Witness Signature

MICHAEL MEYER  
Witness Name/Capacity for Henning Wiemann

Date

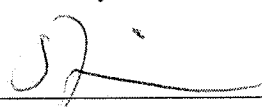
  
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SABINE SORIES  
Witness Name/Capacity for Henning Wiemann

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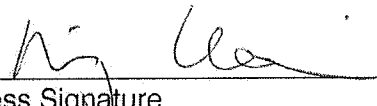
  
Michael Meyer

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HENNING WIEMANN  
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Mats Fredrik Sångfors, a citizen of Finland, residing at  
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Date

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Witness Signature

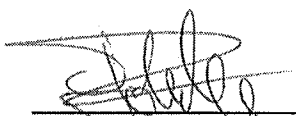
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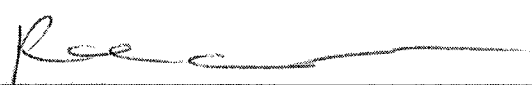
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Witness Name/Capacity for Mats Fredrik Sågfors

26.1.2010  
Date

  
\_\_\_\_\_  
Per Johan Torsner

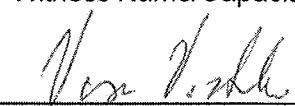
26.1.2010  
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RIKKA SUSITAIVAL

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26.1.2010  
Date

  
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Vesa Virkki

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Witness Name/Capacity for Per Johan Torsner

\_\_\_\_\_  
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