

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mikael Coldrey</td> <td>03/17/2008</td> </tr> <tr> <td>Fredrik Athley</td> <td>03/17/2008</td> </tr> <tr> <td>Ulf Lindgren</td> <td>03/17/2008</td> </tr> <tr> <td>Sven Oscar Petersson</td> <td>03/17/2008</td> </tr> </tbody> </table>		Name	Execution Date	Mikael Coldrey	03/17/2008	Fredrik Athley	03/17/2008	Ulf Lindgren	03/17/2008	Sven Oscar Petersson	03/17/2008
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Mikael Coldrey	03/17/2008										
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<b>RECEIVING PARTY DATA</b>											
Name:	Telefonaktiebolaget LM Ericsson (publ)										
Street Address:	SE-164 83										
City:	Stockholm										
State/Country:	SWEDEN										
Postal Code:	SE-164										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12919301</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12919301						
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<b>CORRESPONDENCE DATA</b>											
Fax Number:	(972)583-7864										
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NAME OF SUBMITTER:	Roger Burleigh										
Total Attachments: 6											

**CH \$40.00 12919301**

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**PATENT  
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## ASSIGNMENT

THIS ASSIGNMENT, by  
**Mikael Coldrey**  
**Fredrik Athley**  
**Ulf Lindgren**  
**SVEN Oscar Petersson**

(hereinafter referred to as "the Assignor(s)") residing at  
Kvarnhjulsvägen 4 ,438 35 LANDVETTER ,Sweden  
Asplyckev. 1 ,429 31 KULLAVIK ,Sweden  
Talgoxegatan 33 ,426 69 VÄSTRA FRÖLUNDA ,Sweden  
Rotevägen 1 ,433 69 SÄVEDALEN ,Sweden

respectively, witnesseth:

WHEREAS, the Assignor(s) have invented certain new and useful improvements in

**A method of and a device for precoding transmit data signals  
in a wireless MIMO communication system**

said invention being based on PCT application no.PCT/EP2008/001466 filed on **2008-02-25** (I hereby authorize and request ASSIGNEE's Attorneys to insert the serial number and filing date of said application, when known.)

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at S-164 83 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor(s) have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents of the United States of America that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent and Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignor(s) are the sole and lawful owners of the entire right, title, and interest in and to the inventions and application for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignor(s) have good

**ASSIGNMENT**

and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor(s) hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said inventions, the Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

ASSIGNMENT

Date 03/17/2008 Signature of Assignor *Mikael Coldrey*  
Mikael Coldrey

Date 03/17/2008 Witnessed by *Andreas Nilsson*  
Name: Andreas Nilsson  
Address: Spaldingsgatan 5  
412 59 Goteborg

Date 03/17/2008 Witnessed by *Patrik Persson*  
Name: PATRIK PERSSON  
Address: SKRINDVÄGEN 8  
443 42 GRÄBC  
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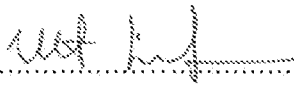
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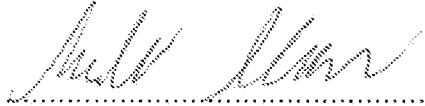
Date 3/17/08 ..... Signature of Assignor Fredrik Athley  
Fredrik Athley

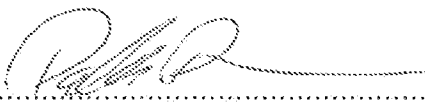
Date 3/17/08 ..... Witnessed by Andreas Nilsson  
Name: Andreas Nilsson  
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412 59 Göteborg

Date 3/17/08 ..... Witnessed by Anders Sjerman  
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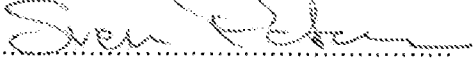
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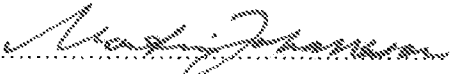
Date 03/17/2008 Signature of Assignor   
Ulf Lindgren


Date 03/17/2008 Witnessed by   
Name: Andreas Nilsson  
Address: Saalkings gatan 5  
41259 Göteborg

Date 03/18/2008 Witnessed by   
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Address: SKINDVARE D  
443 42 GLEBO  
SWEDEN

ASSIGNMENT

Date 03/17/2008 Signature of Assignor   
SVEN Oscar Petersson

Date 3/17/2008 Witnessed by   
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Date 3/17/2008 Witnessed by   
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