

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the The 4th Inventor - Dag Jungenfelt is missing previously recorded on Reel 021074 Frame 0658. Assignor(s) hereby confirms the Dag Jungenfelt 05/22/2008.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anna Barbro Ulrika Engstrom</td> <td>04/03/2008</td> </tr> <tr> <td>Bjorn Gunnar Johannisson</td> <td>03/27/2008</td> </tr> <tr> <td>Martin Nils Johansson</td> <td>03/17/2008</td> </tr> <tr> <td>Dag Jungenfelt</td> <td>05/22/2008</td> </tr> </tbody> </table>		Name	Execution Date	Anna Barbro Ulrika Engstrom	04/03/2008	Bjorn Gunnar Johannisson	03/27/2008	Martin Nils Johansson	03/17/2008	Dag Jungenfelt	05/22/2008
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>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> <tr> <td>Postal Code:</td> <td>SE-164 83</td> </tr> </table>		Name:	Telefonaktiebolaget LM Ericsson (publ)	Street Address:	SE 164 83	City:	Stockholm	State/Country:	SWEDEN	Postal Code:	SE-164 83
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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>11994621</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11994621						
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Application Number:	11994621										
CORRESPONDENCE DATA											
Fax Number: 9725837864 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 972-583-4795 Email: kara.coffman@ericsson.com Correspondent Name: Steven W. Smith Address Line 1: 6300 Legacy Drive Address Line 2: MS EVR 1C11 Address Line 4: Plano, TEXAS 75024											
ATTORNEY DOCKET NUMBER:	P20079-US1										
NAME OF SUBMITTER:	Steve Smith										

CH \$40.00 11994621

Total Attachments: 11

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TO:MICHAEL CAMERON COMPANY:6300 LEGACY DRIVE

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



500562782

JUNE 11, 2008

PTAS

MICHAEL CAMERON
6300 LEGACY DRIVE
MS EVR 1C11
PLANO, TX 75024

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/10/2008

REEL/FRAME: 021074/0658

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: P20079-US1

ASSIGNOR:

ENGSTROM, ANNA BARBRO ULRIKA

DOC DATE: 04/03/2008

ASSIGNOR:

JOHANNISSON, BJORN GUNNAR

DOC DATE: 03/27/2008

ASSIGNOR:

JOHANSSON, MARTIN NILS

DOC DATE: 03/17/2008

ASSIGNEE:

TELEFONAKTIEBOLAGET L M ERICSSON

(PUBL)

SE-164 83

STOCKHOLM, SWEDEN SE-164

TO:MICHAEL CAMERON COMPANY:6300 LEGACY DRIVE

021074/0658 PAGE 2

SERIAL NUMBER: 11994621

FILING DATE: 01/03/2008

PATENT NUMBER:

ISSUE DATE:

TITLE: WIRELESS TELECOMMUNICATIONS SYSTEM WITH IMPROVED TRANSMISSION
CAPACITY

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

TO:MICHAEL CAMERON COMPANY:6300 LEGACY DRIVE

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.106/10/2008
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Name:	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)								
Street Address:	SE-164 83								
City:	Stockholm								
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	972-583-4145								
Email:	nancy.lamberti@ericsson.com								
Correspondent Name:	Michael Cameron								
Address Line 1:	6300 Legacy Drive								
Address Line 2:	MS EVR 1C11								
Address Line 4:	Plano, TEXAS 75024								
ATTORNEY DOCKET NUMBER:	P20079-US1								
NAME OF SUBMITTER:	Michael Cameron								
Total Attachments: 6 source=P20079_US1_2008-05-29_Assignment_Signed#page1.tif									

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TO:MICHAEL CAMERON COMPANY:6300 LEGACY DRIVE

**UNITED STATES PATENT AND
TRADEMARK OFFICE****Facsimile Transmission**

To: Name: MICHAEL CAMERON
 Company: 6300 LEGACY DRIVE
 Fax Number: 19725837864
 Voice Phone:

From: Name: ASSIGNMENT SERVICES BRANCH
 Voice Phone: 571-272-3350

37 C.F.R. 1.6 sets forth the types of correspondence that can be communicated to the Patent and Trademark Office via facsimile transmissions. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (37 CFR 1.8(a)).

Fax Notes:

Pg#	Description
1	Cover Page
2	46.TXT
4	Document 1, Batch 1300263

USPTO ASSIGNMENT SYSTEM PROCESSING

Date and time of transmission: Wednesday, June 11, 2008 6:41:16 AM
Number of pages including this cover sheet: 05

Assignment Letter

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we,

1. **Anna Barbro Ulrika Engström**, a citizen of Sweden residing at Floda, Sweden,
2. **Björn Gunnar Johannisson**, a citizen of Sweden residing at Kungsbacka, Sweden,
3. **Martin Nils Johansson**, a citizen of Sweden residing at Mölndal, Sweden, and
4. **Dag Jungenfelt**, a citizen of Sweden residing at Billdal, Sweden,

sell and assign to **Telefonaktiebolaget LM Ericsson (publ)**, a corporation organized under the laws of Sweden (the Company), having registered offices at SE-164 83 Stockholm, Sweden, its successors and assigns the entire right, title, and interest in and to the improvements in **A WIRELESS TELECOMMUNICATIONS SYSTEM WITH IMPROVED TRANSMISSION CAPACITY**, invented by us, as described in the application for United States patent which is a national stage application of PCT international application number PCT/SE2005/001057 with an international filing date of 07-01-2005, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all

Assignment Letter

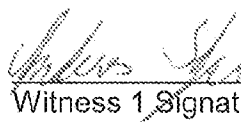
rightful oaths and generally do everything possible to aid said Company, its
successors, and nominees to obtain and enforce proper patent protection for said
improvements in all countries.

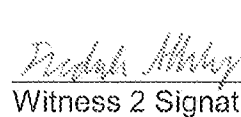
Assignment Letter

2008-04-03
Date


ANNA BARBRO ULRIKA ENGSTROM
First Inventor

On the 3 day of April, 2008, before us personally appeared **ANNA BARBRO ULRIKA ENGSTROM**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

 Anders Stjernman Ljåsmåsa 3
Witness 1 Signature Print Name Address
63741 Liden, Sweden


 Fredrik Ahlberg Aspliden 1
Witness 2 Signature Print Name Address
SE-47931 Kallavik, Sweden

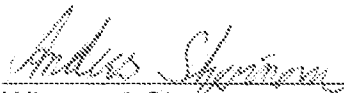
Assignment Letter

2008-03-27
Date


Björn Gunnar Johannisson
Second Inventor

On the _____ day of _____, 2008, before us personally appeared **Björn Gunnar Johannisson**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

	<u>Mikael Coldrey</u>	<u>Kvarnhjulsvägen 4</u>
Witness 1 Signature	Print Name	Address

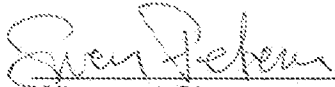
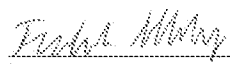
	<u>Anders Sjoberg</u>	<u>Björnså 3</u>
Witness 2 Signature	Print Name	Address

Assignment Letter

2008-03-17
Date


Martin Nils Johansson
Third Inventor

On the 17 day of March, 2008, before us personally appeared **Martin Nils Johansson**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

	<u>Sven Peter</u>	<u>ROTEVÄGEN 1</u>
Witness 1 Signature	Print Name	Address
		<u>433 69 SÄVEBOLEN, SIGEN</u>
	<u>Fredrik Ahlberg</u>	<u>Appl. (Inv. 1), SE-412 01 Kungälv, Sweden</u>
Witness 2 Signature	Print Name	Address

Assignment Letter

2008-05-22
Date

D. Jungenfelt
Dag Jungenfelt
Fourth Inventor

On the 22 day of May, 2008, before us personally appeared **Dag Jungenfelt**, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

A. Vargas A. Vargas Evthult Ryggväg 3, 51996 Fotskäl, Sweden
Witness 1 Signature Print Name Address

Henri Spedde Henri Spedde Jaktväg 2, 43491 Linnestad, Sweden
Witness 2 Signature Print Name Address