

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Anna Barbro Ulrika Engstrom	04/03/2008
Bjorn Gunnar Johannisson	03/27/2008
Martin Nils Johansson	03/17/2008
RECEIVING PARTY DATA	
Name:	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Street Address:	SE-164 83
City:	Stockholm
State/Country:	SWEDEN
Postal Code:	SE-164
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11994621
CORRESPONDENCE DATA	
Fax Number: (972)583-7864	
<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	
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CH \$40.00 11994621

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**PATENT**  
**REEL: 021074 FRAME: 0658**

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## 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**

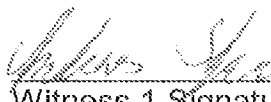
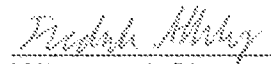
rightful oaths and generally do everything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

**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.

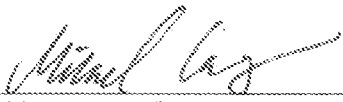
 Witness 1 Signature	<u>Fredrik Athley</u> Print Name	<u>Björnsåra 3</u> <u>637 41 Lindero, Sweden</u> Address
 Witness 2 Signature	<u>Fredrik Athley</u> Print Name	<u>Asphygenvä 1</u> <u>SE-429 31 Kullavik, Sweden</u> Address


**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> <u>438 35 Lundvetter, Sweden</u>
Witness 1 Signature	Print Name	Address

	<u>Anders Sjorrom</u>	<u>Rjörnäs 3</u> <u>42741 Lindarna, Sweden</u>
Witness 2 Signature	Print Name	Address

## Assignment Letter

2008-03-17  
Date

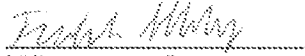
  
**Martin Nils Johansson**  
Third Inventor

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.

  
Witness 1 Signature

Sven Pettersson  
Print Name

ROTEVÄGEN 1  
Address  
433 69 SÄVEBOLEN, SWEDEN

  
Witness 2 Signature

Fredrik Almqvist  
Print Name

Applig (Lgr.), SE-47421 Kullavik, Sweden  
Address

**Assignment Letter**

8008-05-22  
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.

<u>A. Sargas</u>	<u>A. Sargas</u>	<u>Guthult Rygge 3, 51996 Fotskäl, Sweden</u>
Witness 1 Signature	Print Name	Address
<u>Henri Gredde</u>	<u>Henri Gredde</u>	<u>Jaktväg 2, 42491 Lerum, Sweden</u>
Witness 2 Signature	Print Name	Address