

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Tomas Nylander</td> <td>03/12/2009</td> </tr> <tr> <td>Jari Vikberg</td> <td>03/12/2009</td> </tr> <tr> <td>Magnus Hallenstal</td> <td>02/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Tomas Nylander	03/12/2009	Jari Vikberg	03/12/2009	Magnus Hallenstal	02/08/2008		
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<b>RECEIVING PARTY DATA</b>											
<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> <tr> <td>Postal Code:</td> <td>SE-164</td> </tr> </table>		Name:	Telefonaktiebolaget LM Ericsson (publ)	Street Address:	SE-164 83	City:	Stockholm	State/Country:	SWEDEN	Postal Code:	SE-164
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PROPERTY NUMBERS Total: 1											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (972)583-7864  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972-583-5223</p> <p>Email: debbie.xl.brown@ericsson.com</p> <p>Correspondent Name: Thomas Bethea Jr</p> <p>Address Line 1: 6300 Legacy Drive</p> <p>Address Line 2: MS EVR 1C11</p> <p>Address Line 4: Plano, TEXAS 75024</p>											
ATTORNEY DOCKET NUMBER:	P22179-US1										
NAME OF SUBMITTER:	Thomas Bethea										
<p>Total Attachments: 5</p> <p>source=P22179-US1_2009-04-21_09-4979_Assignment#page1.tif</p>											

CH \$40.00 12339523

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**PATENT**  
**REEL: 022571 FRAME: 0595**

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## ASSIGNMENT

This Assignment is made by:

**TOMAS NYLANDER**

**VÄRMDÖ, SWEDEN**

**JARI VIKBERG**

**JÄRNA, SWEDEN**

**MAGNUS HALLENSTÅL**

**TÅBY, SWEDEN**

(hereinafter referred to as "Assignor(s)") in favor, and for the benefit and behoof of, Telefonaktiebolaget L M 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 "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) have sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do hereby 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 following inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in all countries and pursuant to all multilateral treaty organizations, including Sweden, the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application(s), 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:

**A METHOD AND APPARATUS FOR PROVIDING DIFFERENTIATED  
SERVICES IN COMMUNICATIONS NETWORK**

including, but not limited to, the application(s) for Letters Patent filed in:

Country Code	Application Number(s)	Filing Date(s)
EP	07150392-4	12/21/2007

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letters Patent, when known. The assignment of the above mentioned rights includes a transfer of the right to use a convention priority of the above mentioned application(s) for Letter Patent in all countries and multilateral treaty organizations. 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. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent or Patent.

## ASSIGNMENT

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignor(s) were the sole and lawful owners of the entire right, title, and interest in and to the inventions and application(s) for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) 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(s) for Letters Patent, or any proceeding in connection with Letters Patent for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application(s) 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. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:

### SWEDEN

without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor(s) and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

ÖVERLÅTELSE

Härmed förklarar jag att jag till

Telefonaktiebolaget LM Ericsson (publ),  
164 83 STOCKHOLM, SVERIGE överlåtit min rätt  
till patent i alla länder på en uppfinning gjord av:

HALLENSTÅL, Magnus  
NYLANDER, Tomas  
VIKBERG, Jari Tapio

benämnd: A method and apparatus for providing  
differentiated services in communications network

inlämnad som en europeisk patentansökan den  
2007-12-21

med ansökningsnr 07150392-4

Överlåtelser av ovanstående rätt till uppfinning  
innefattar ett överförande av patenträttigheterna i alla  
länder, samt rätten att i alla länder utnyttja konventions-  
prioritet från den ovan nämnda patentansökningen.

FÖRVARVAREN förfogar härfter ensam över upp-  
finningen och innehar med full äganderätt beviljade in-  
och utländska patent med ursprung i denna.

ÖVERLÅTAREN förpliktar sig att underteckna alla  
handlingar som erfordras för uttagande av patent och i  
övrigt alla sådana handlingar som kan erfordras för att  
göra de härmed överlåtna rättigheterna gällande.

Skulle ÖVERLÅTAREN vara förhindrade att personligen  
underteckna nämnda handlingar, gäller denna överlåtelse-  
handling som fullmakt för FÖRVARVAREN att för  
ÖVERLÅTARENS räkning - eller om dessa senare skulle  
avlidit, för ifrågevarande dödsbos räkning - underteckna  
dessa handlingar.

ASSIGNMENT

I hereby declare, that I have assigned to

Telefonaktiebolaget LM Ericsson (publ),  
SE-164 83 STOCKHOLM, SWEDEN my right to  
patents, in all countries, on an invention made by:

HALLENSTÅL, Magnus  
NYLANDER, Tomas  
VIKBERG, Jari Tapio

entitled: A method and apparatus for providing  
differentiated services in communications network

filed as a European patent application on 2007-12-  
21

with the Application No 07150392-4

The assignment of the above mentioned right to an  
invention includes a transfer of the patent rights in all  
countries, as well as the right to use a convention priority  
of the above mentioned patent application in all countries.

The ASSIGNEE alone hereinafter has the entire disposal  
of the invention and possesses entire ownership to any  
domestic and foreign patents granted thereafter.

The ASSIGNOR undertakes to sign all documents  
necessary for taking out a patent and, moreover, all such  
documents, which may be required to assert the rights  
transferred hereby.

If the ASSIGNOR is prevented by any obstacles from  
signing said documents in person, this document of  
assignment shall be valid as a Power of Attorney for the  
ASSIGNEE to sign these documents on behalf of the  
ASSIGNOR or, in the event of the death of the latter, the  
estate thereof.

Stockholm 2008-02-08

Ort och datum/Place and date

Överlåtarens underskrift/Signature of the Assignor

Magnus Hallenstål

Namnförtydligande/Clarification of the signature

Täbyvägen 220, SE-187 50 TÄBY, Sweden

Överlåtarens adress/Address of the Assignor

Vittnets underskrift/Signature of witness

Susanne Sturesson

Vittnets namnförtydligande/Clarification of witness's signature

## ASSIGNMENT

Date 2009-03-12

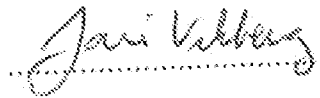
Signature of Assignor

  
TOMAS NYLANDERDate 2009-03-12

Witnessed by

Name:

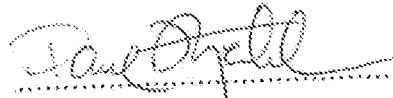
Address:

  
JARI VIKBERG  
SVALSÄTERSVÄGEN 12  
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SWEDENDate 2009-03-12

Witnessed by

Name:

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18160 LIDINGÖ  
SWEDEN

# ASSIGNMENT

Date 2009-03-12

Signature of Assignor

Jari VIKBERG  
JARI VIKBERG

Date 2009-03-12

Witnessed by

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TOMAS NYLANDER  
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139 34 VARUNDO  
SWEDEN

Date 2009-03-12

Witnessed by

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Address:

Paul STERNKOCK  
PAUL STERNKOCK  
CENTRALVÄGEN 10  
181 60 LIDINGE  
SWEDEN