

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert Baldemair	08/19/2008
Jacobus Cornelis Haartsen	08/19/2008
Stefan Parkvall	08/25/2008
Gunnar Peters	09/05/2008
Henrik Sahlin	08/21/2008
RECEIVING PARTY DATA	
Name:	Telefonaktiebolaget L M Ericsson (publ)
Street Address:	-
City:	Stockholm
State/Country:	SWEDEN
Postal Code:	SE-164 83
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12162522
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 1:	P.O. Box 270
Address Line 4:	Fredericksburg, VIRGINIA 22404
ATTORNEY DOCKET NUMBER:	0110-329/P21817US1
NAME OF SUBMITTER:	Steven M. duBois

OP \$40.00 12162522

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**PATENT  
REEL: 022123 FRAME: 0564**

**Total Attachments: 6**

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**PATENT**

**REEL: 022123 FRAME: 0565**

## ASSIGNMENT

THIS ASSIGNMENT, by Robert BALDEMAIR, residing at Ängkärrsgatan 3, SE 171 70, Solna, SWEDEN; Jacobus Cornelis HAARTSEN, residing at Bruchterweg 81, NL-7772 BG, Hardenberg, NETHERLANDS; Stefan PARKVALL, residing at Västmannagatan 53, SE-113 25, Stockholm, SWEDEN; Gunnar PETERS, residing at Dalaqatan 38, SE-113 24, Stockholm, SWEDEN; and Henrik SAHLIN, residing at Kalkstensvägen 1, SE-435 41, Mölnlycke, SWEDEN (hereinafter referred to as "the Assignors," respectively), witnesseth:

WHEREAS, the Assignors have made certain new and useful inventions set forth in an application for Letters Patent of the United States ("the Application"), which is entitled METHOD AND ARRANGEMENT IN A TELECOMMUNICATION SYSTEM, and which is:

- ☐ a provisional application
- ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
- ☐ to be filed herewith; or
- ☒ a non-provisional application
- ☒ bearing Application No. 12/162,522, and filed on \_\_\_\_\_;
- ☐ having a declaration executed on even date herewith prior to filing of the application; or
- ☐ having an oath or declaration executed on a date other than the date of execution of this Assignment; and

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having a principal place of business at SE-164 83 Stockholm, Sweden (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to the inventions; the entire right, title, and interest in and to the Application; the right to file applications on the inventions; and the entire right, title, and interest in and to any applications, including provisional and non-provisional applications for Letters Patent of the United States or other countries, claiming the benefit of and/or priority to the Application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors 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 in the United States of America and all other countries. These rights, titles, and interests include, but are not limited to: all rights to and privileges in the Application, related already-filed and yet-to-be-filed applications (including but not limited to utility applications, continuation applications, continuation-in-part applications, divisional applications, and reissue applications), and any and all Letters Patent or Patents that may be granted in the United States of America or other countries for said inventions; all rights of priority arising from the Application identified above; and all rights and privileges under any and all forms of protection, including Patents, that may be granted in the United States of America and other countries for the inventions. All of the above-mentioned rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale, assignment, transfer, and set over not been made;

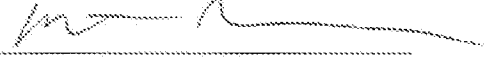
AND for the same consideration, the Assignors authorize the Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the Assignors, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements;

AND for the same consideration, the Assignors hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of the Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that, when requested, the Assignors shall, without charge to the Assignee but at its expense, sign all papers, and do all acts which may be necessary or desirable in connection with the above-mentioned applications, patents, or other forms of protection;

AND the Assignors hereby authorize and request that the Potomac Patent Group PLLC insert in the spaces provided above the filing date, attorney's docket number and other identifying indicia of the Application if absent;

AND the Assignors hereby request that the Commissioner of Patents issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 2008-08-19 Signature of Assignor   
Robert BALDEMAIR

Date 10/8 - 2008 Witness 

Date 10/8 - 2008 Witness 

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Jacobus Cornelis HAARTSEN

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Application No. 12/162,522  
Attorney's Docket No. 0110-329/P21817US1

AND for the same consideration, the Assignors authorize the Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the Assignors, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements;

AND for the same consideration, the Assignors hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of the Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that, when requested, the Assignors shall, without charge to the Assignee but at its expense, sign all papers, and do all acts which may be necessary or desirable in connection with the above-mentioned applications, patents, or other forms of protection;

AND the Assignors hereby authorize and request that the Potomac Patent Group PLLC insert in the spaces provided above the filing date, attorney's docket number and other identifying indicia of the Application if absent;

AND the Assignors hereby request that the Commissioner of Patents issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date \_\_\_\_\_ Signature of Assignor Robert BALDEMAIR

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_


Date 2008-08-19 Signature of Assignor Jacobus Cornelis HAARTSEN

Date 2008-08-19 Witness \_\_\_\_\_

Date 2008-08-19 Witness \_\_\_\_\_

PETER KARLSSON

Application No. 12/152,522  
Attorney's Docket No. 0110-329/P21817US1

Date Aug 28, 2008 Signature of Assignor   
Stefan PARKVALL

Date 2008-08-28 Witness 

Date 2008-08-28 Witness 

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Gunnar PETERS

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Henrik SAHLIN

Date \_\_\_\_\_ Witness \_\_\_\_\_

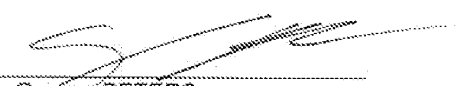
Date \_\_\_\_\_ Witness \_\_\_\_\_

Application No. 12/162,522  
Attorney's Docket No. 0110-329/P21817US1

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Stefan PARKVALL

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date 2008-09-05 Signature of Assignor   
Gunnar PETERS

Date 2008-09-05 Witness Peter Bengtson

Date 2008-09-05 Witness Henrik Norder

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Henrik SAHLIN

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Application No. 12/162,522  
Attorney's Docket No. 0110-329/P21817US1

Date \_\_\_\_\_ Signature of Assignor Stefan PARKVALL

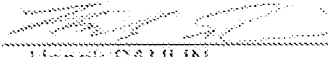
Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Signature of Assignor Gunnar PETERS

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date August 21, 2008 Signature of Assignor   
Henrik SAHLIN

Date 2/8-08 Witness   
Robert Brauer

Date 2/8-08 Witness   
Olle Cheson