

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jakob Singvall</td> <td>10/13/2005</td> </tr> <tr> <td>Johan Axnas</td> <td>10/13/2005</td> </tr> </tbody> </table>		Name	Execution Date	Jakob Singvall	10/13/2005	Johan Axnas	10/13/2005
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Jakob Singvall	10/13/2005						
Johan Axnas	10/13/2005						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Telefonaktiebolaget L M Ericsson (publ)						
<b>Street Address:</b>							
<b>City:</b>	SE-164 83 Stockholm						
<b>State/Country:</b>	SWEDEN						
<b>PROPERTY NUMBERS Total: 2</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>60652933</td> </tr> <tr> <td>Application Number:</td> <td>11215585</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	60652933	Application Number:	11215585
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Application Number:	60652933						
Application Number:	11215585						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(919)361-0734						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Email:</b>	mike@ppglaw.com						
<b>Correspondent Name:</b>	Michael G. Savage						
<b>Address Line 1:</b>	P.O. Box 270						
<b>Address Line 4:</b>	Fredericksburg, VIRGINIA 22404						
<b>ATTORNEY DOCKET NUMBER:</b>	0110-037						
<b>NAME OF SUBMITTER:</b>	Michael G. Savage						
<b>Total Attachments: 4</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif							

OP \$80.00 60652933

**PATENT**

**500058665**

**REEL: 016729 FRAME: 0648**

## ASSIGNMENT

THIS ASSIGNMENT, by Jakob Singvall and Johan Axnäs, residing at Södra Esplanaden 18C, SE-223 52 Lund, Sweden and Johan Enbergs väg 15, SE-171 62 Solna, Sweden, respectively (hereinafter referred to as "the Assignors"), 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 IMPROVED RECEIVE WINDOW UPDATES IN COMMUNICATION SYSTEMS, and which is:

- a provisional application
  - bearing Application No. 60/652,933, and filed on February 15, 2005;
  - to be filed herewith; and
  
- a non-provisional application
  - bearing Application No. 11/215,585, and filed on August 30, 2005;
  - 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 L M 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 Assignors 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 October 13, 2005 Signature of Assignor   
Jakob Singh

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Johan Axnäs

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Date \_\_\_\_\_ Signature of Assignor Jakob Singvall  
Date OCT 2005 Signature of Assignor Johan Axnäs