

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                         |               |  |                     |            |                        |            |                             |            |              |        |
|---|--|---------------|--|---------------------|------------|------------------------|------------|-----------------------------|------------|--------------|--------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                             |               |  |                     |            |                        |            |                             |            |              |        |
| CONVEYING PARTY DATA  |  |               |  |                     |            |                        |            |                             |            |              |        |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Luis Ramos Robles</td> <td>06/30/2006</td> </tr> <tr> <td>Avelina Pardo-Blazquez</td> <td>06/30/2006</td> </tr> <tr> <td>Jesus de-Gregorio-Rodriguez</td> <td>07/04/2006</td> </tr> </tbody> </table>   |  | Name          | Execution Date                         | Luis Ramos Robles   | 06/30/2006 | Avelina Pardo-Blazquez | 06/30/2006 | Jesus de-Gregorio-Rodriguez | 07/04/2006 |              |        |
| Name  | Execution Date                         |               |  |                     |            |                        |            |                             |            |              |        |
| Luis Ramos Robles   | 06/30/2006                             |               |  |                     |            |                        |            |                             |            |              |        |
| Avelina Pardo-Blazquez  | 06/30/2006                             |               |  |                     |            |                        |            |                             |            |              |        |
| Jesus de-Gregorio-Rodriguez   | 07/04/2006                             |               |  |                     |            |                        |            |                             |            |              |        |
| 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</td> </tr> </table> |  | Name:         | Telefonaktiebolaget LM Ericsson (publ) | Street Address:     | SE-164 83  | City:                  | Stockholm  | State/Country:              | SWEDEN     | Postal Code: | SE-164 |
| Name:   | Telefonaktiebolaget LM Ericsson (publ) |               |  |                     |            |                        |            |                             |            |              |        |
| Street Address:   | SE-164 83                              |               |  |                     |            |                        |            |                             |            |              |        |
| City:   | Stockholm                              |               |  |                     |            |                        |            |                             |            |              |        |
| State/Country:  | SWEDEN                                 |               |  |                     |            |                        |            |                             |            |              |        |
| Postal Code:  | SE-164                                 |               |  |                     |            |                        |            |                             |            |              |        |
| 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>12491563</td> </tr> </tbody> </table>   |  | Property Type | Number                                 | Application Number: | 12491563   |                        |            |                             |            |              |        |
| Property Type   | Number                                 |               |  |                     |            |                        |            |                             |            |              |        |
| Application Number:   | 12491563                               |               |  |                     |            |                        |            |                             |            |              |        |
| CORRESPONDENCE DATA   |  |               |  |                     |            |                        |            |                             |            |              |        |
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| Phone:  | 972-583-7686                           |               |  |                     |            |                        |            |                             |            |              |        |
| Email:  | jennifer.hardin@ericsson.com           |               |  |                     |            |                        |            |                             |            |              |        |
| Correspondent Name:   | Roger S. Burleigh                      |               |  |                     |            |                        |            |                             |            |              |        |
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| ATTORNEY DOCKET NUMBER:   | P18230-US2                             |               |  |                     |            |                        |            |                             |            |              |        |
| NAME OF SUBMITTER:  | Roger S. Burleigh                      |               |  |                     |            |                        |            |                             |            |              |        |
| Signature:  | /Roger S. Burleigh, Reg. No. 40542/    |               |  |                     |            |                        |            |                             |            |              |        |

Date:

07/09/2013

**Total Attachments: 4**

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## Assignment Letter

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

1. Luis Ramos Robles, a citizen of **Spain** residing at C/ Alameda 14, Portal 8, 2ºA 28820 Coslada (Madrid) Spain,
2. Avelina Pardo-Blazquez , a citizen of **Spain** residing at C/ Sombrerete nr. 5-2ª 3ª ES-28012, Madrid Spain, and
3. Jesus de-Gregorio-Rodriguez, a citizen of **Spain** residing at C/ Hermanos Machado 4 P3 2º C, Boadilla del Monte 28660, Madrid Spain,

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 Means and Method for Single Sign-On Access to a Service Network Through an Access Network, invented by us, as described in the application for United States patent which is a national stage application of PCT international application number PCT/EP03/14978 with an international filing date of 12-29-2003, 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 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**

30/JUNE/2006

Date



Luis Ramos Robles  
First Inventor

On the 30 day of June, 2006, before us personally appeared Luis Ramos Robles, 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.



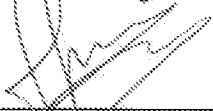
Witness 1 Signature

Angel Robles

Print Name

Viala Poblador 13, 28033 Madrid

Address



Witness 1 Signature

Tomas Iglesias

Print Name

Viala Poblador, 13; 28033

Address


Madrid

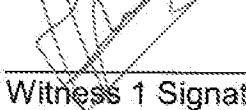
**Assignment Letter**

2006-06-30  
Date

  
Avelina Pardo-Blazquez  
Second Inventor


On the 30 day of June, 2006, before us personally appeared Avelina Pardo-Blazquez, 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      Angel Pabino      Via los Poblados B 28033 Madrid  
Print Name      Address

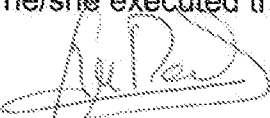
  
Witness 1 Signature      Tomas Iglecias      Via los Poblados, 13; 28033 Madrid  
Print Name      Address

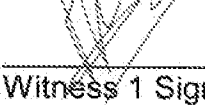
**Assignment Letter**

4-7-2006  
Date

  
Jesus de-Gregorio-Rodriguez  
Third Inventor

On the 4 day of July, 2006, before us personally appeared Jesus de-Gregorio-Rodriguez, 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      Angel Rodriguez      Via los Pollos B 28033 Madrid  
Print Name      Address

  
Witness 1 Signature      Tomas Iglesias      Via los Pollos 13, 28033 Madrid  
Print Name      Address