

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Iana Siomina</td> <td>09/02/2010</td> </tr> <tr> <td>Michael Anderson</td> <td>09/02/2010</td> </tr> <tr> <td>Torbjorn Wigren</td> <td>09/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	Iana Siomina	09/02/2010	Michael Anderson	09/02/2010	Torbjorn Wigren	09/02/2010
Name	Execution Date								
Iana Siomina	09/02/2010								
Michael Anderson	09/02/2010								
Torbjorn Wigren	09/02/2010								
<b>RECEIVING PARTY DATA</b>									
Name:	Telefonaktiebolaget LM Ericsson (publ)								
Street Address:	Se-164 83								
City:	Stockholm								
State/Country:	SWEDEN								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12871984</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12871984				
Property Type	Number								
Application Number:	12871984								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(919)854-2084								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	919-854-1844								
Email:	cfedornock@coatsandbennett.com								
Correspondent Name:	Edward H. Green, III								
Address Line 1:	1400 Crescent Green, Ste. 300								
Address Line 4:	Cary, NORTH CAROLINA 27518								
ATTORNEY DOCKET NUMBER:	4015-7022								
NAME OF SUBMITTER:	Edward H. Green, III								

Total Attachments: 7  
 source=40157022ASSIGNMENT#page1.tif  
 source=40157022ASSIGNMENT#page2.tif  
 source=40157022ASSIGNMENT#page3.tif

OP \$40.00 12871984

**501285442**

**PATENT  
 REEL: 024959 FRAME: 0545**

source=40157022ASSIGNMENT#page4.tif  
source=40157022ASSIGNMENT#page5.tif  
source=40157022ASSIGNMENT#page6.tif  
source=40157022ASSIGNMENT#page7.tif

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Iana Siomina  
Michael Anderson  
Torbjorn Wigren

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Telefonaktiebolaget LM Ericsson (publ)

Internal Address: \_\_\_\_\_

Street Address: SE-164 83

City: Stockholm

State: \_\_\_\_\_

Country: Sweden Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) September 2, 2010

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

12/871,984

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Edward H. Green, III

Internal Address: \_\_\_\_\_

Street Address: 1400 Crescent Green, Ste. 300

City: Cary

State: North Carolina Zip: 27518

Phone Number: 919-854-1844

Fax Number: 919-854-2084

Email Address: cfedornock@coatsandbennett.com

**6. Total number of applications and patents involved:** 1

**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

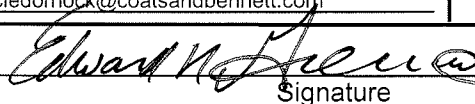
**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 181167

Authorized User Name Tami Purdue

**9. Signature:**

  
Signature

2010-09-09  
Date

Edward H. Green, III  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For good and valuable consideration,

Iana Siomina, a citizen of Sweden, residing at  
Mäster Simons Vägen 20, D41  
SE-170 66 Solna  
Sweden

Michael Anderson, a citizen of the United States, residing at  
410 Carybell Lane  
Alpharetta, GA 30004  
United States

Torbjorn Wigren, a citizen of Sweden, residing at  
Ekvagen 9  
SE-756 53 Uppsala  
Sweden

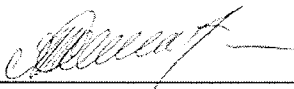
hereby assign(s) to Telefonaktiebolaget LM Ericsson (publ), having its principal place of  
business at

SE-164 83 Stockholm  
Sweden

the entire right, title, and interest in and to the **POSITIONING AND LOCATION SERVICES  
USING CIVIC ADDRESS INFORMATION** which is disclosed in U. S. Patent Application Serial  
Number 12/871,984 filed on August 31, 2010 and for any and all patents granted therefore, in  
any and all countries, including continuations, continuations-in-part, divisionals, reissues and  
extensions thereof, and all rights of priority resulting from the filing of said U.S. application to be  
held and enjoyed by Telefonaktiebolaget LM Ericsson (publ), its successors, and assigns, as  
fully and entirely as the same would have been held and enjoyed by Iana Siomina, Michael  
Anderson and Torbjorn Wigren had this assignment not been made.

I hereby authorize and request my representative, Edward Green, of Coats and Bennett, PLLC,  
1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and  
application serial number in the above indicated spaces when known.

2<sup>nd</sup> September, 2010  
Date

  
Iana Siomina

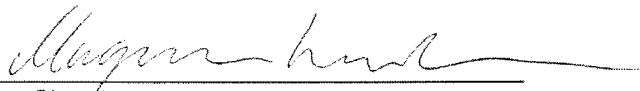
2<sup>nd</sup> September 15, 2010  
Date

  
Witness Signature

Anders Furuskar  
Witness Name/Capacity for Iana Siomina

2<sup>nd</sup> September 2010

Date

  
Witness Signature

Magnus Lundevall  
Witness Name/Capacity for Iana Siomina

Date

Michael Anderson

Date

Witness Signature

Witness Name/Capacity for Michael Anderson

Date

Witness Signature

Witness Name/Capacity for Michael Anderson

Date

Torbjorn Wigren

Date

Witness Signature

Witness Name/Capacity for Torbjorn Wigren

Date

Witness Signature

Witness Name/Capacity for Torbjorn Wigren

**ASSIGNMENT**

For good and valuable consideration,

Iana Siomina, a citizen of Sweden, residing at  
Mäster Simons Vägen 20, D41  
SE-170 66 Solna  
Sweden

Michael Anderson, a citizen of the United States, residing at  
410 Carybell Lane  
Alpharetta, GA 30004  
United States

Torbjorn Wigren, a citizen of Sweden, residing at  
Ekvagen 9  
SE-756 53 Uppsala  
Sweden

hereby assign(s) to Telefonaktiebolaget LM Ericsson (publ), having its principal place of  
business at

SE-164 83 Stockholm  
Sweden

the entire right, title, and interest in and to the **POSITIONING AND LOCATION SERVICES  
USING CIVIC ADDRESS INFORMATION** which is disclosed in U. S. Patent Application Serial  
Number 12/871,984 filed on August 31, 2010 and for any and all patents granted therefore, in  
any and all countries, including continuations, continuations-in-part, divisionals, reissues and  
extensions thereof, and all rights of priority resulting from the filing of said U.S. application to be  
held and enjoyed by **Telefonaktiebolaget LM Ericsson (publ)**, its successors, and assigns, as  
fully and entirely as the same would have been held and enjoyed by **Iana Siomina, Michael  
Anderson and Torbjorn Wigren** had this assignment not been made.

I hereby authorize and request my representative, Edward Green, of Coats and Bennett, PLLC,  
1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and  
application serial number in the above indicated spaces when known.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Iana Siomina

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Iana Siomina

Date

Witness Signature

Witness Name/Capacity for Iana Siomina

Date

Michael Anderson

Date

Witness Signature

Witness Name/Capacity for Michael Anderson

Date

Witness Signature

Witness Name/Capacity for Michael Anderson

September 2, 2010

Date

Torbjorn Wigren

Torbjorn Wigren

September 2, 2010

Date

Rutger Andersson

Witness Signature

RUTGER ANDERSSON

Witness Name/Capacity for Torbjorn Wigren

September 2, 2010

Date

Erling Floser

Witness Signature

ERLING FLOSER

Witness Name/Capacity for Torbjorn Wigren

**ASSIGNMENT**

For good and valuable consideration,

Iana Siomina, a citizen of Sweden, residing at  
Mäster Simons Vägen 20, D41  
SE-170 66 Solna  
Sweden

Michael Anderson, a citizen of the United States, residing at  
410 Carybell Lane  
Alpharetta, GA 30004  
United States

Torbjorn Wigren, a citizen of Sweden, residing at  
Ekvagen 9  
SE-756 53 Uppsala  
Sweden

hereby assign(s) to Telefonaktiebolaget LM Ericsson (publ), having its principal place of  
business at

SE-164 83 Stockholm  
Sweden

the entire right, title, and interest in and to the **POSITIONING AND LOCATION SERVICES USING CIVIC ADDRESS INFORMATION** which is disclosed in U. S. Patent Application Serial Number 12/871,984 filed on August 31, 2010 and for any and all patents granted therefore, in any and all countries, including continuations, continuations-in-part, divisionals, reissues and extensions thereof, and all rights of priority resulting from the filing of said U.S. application to be held and enjoyed by **Telefonaktiebolaget LM Ericsson (publ)**, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by **Iana Siomina, Michael Anderson and Torbjorn Wigren** had this assignment not been made.

I hereby authorize and request my representative, Edward Green, of Coats and Bennett, PLLC, 1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and application serial number in the above indicated spaces when known.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Iana Siomina

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Iana Siomina



\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Lana Siomina

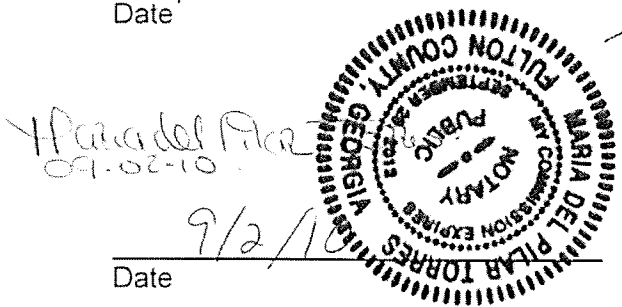
09/02/2010  
\_\_\_\_\_  
Date

*Michael Anderson*  
\_\_\_\_\_  
Michael Anderson

9-2-10  
\_\_\_\_\_  
Date

*[Signature]*  
\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Michael Anderson



*Chris Kujala*  
\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Michael Anderson

\_\_\_\_\_  
Date

\_\_\_\_\_  
Torbjorn Wigren

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Torbjorn Wigren

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name/Capacity for Torbjorn Wigren