

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                         |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                             |
| CONVEYING PARTY DATA   |  |
| Name   | Execution Date                         |
| Karl-Gostra Sahlman  | 03/04/2009                             |
| RECEIVING PARTY DATA   |  |
| Name:  | Telefonaktiebolaget LM Ericsson (publ) |
| Street Address:  | SE-164 83                              |
| City:  | Stockholm                              |
| State/Country:   | SWEDEN                                 |
| PROPERTY NUMBERS Total: 1  |  |
| Property Type  | Number                                 |
| Application Number:  | 12377942                               |
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| NAME OF SUBMITTER:   | Stephen A. Herrera                     |
| Total Attachments: 1<br>source=12377942#page1.tif                                    |  |

OP \$40.00 12377942

ASSIGNMENT

For good and valuable consideration,

Karl-Göstra Sahlman, a citizen of Sweden, residing at  
Karlslundsvägen 46  
S-192 71 Sollentuna  
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 **METHOD AND ARRANGEMENT RELATING TO  
THE INSERTION OF PILOT TONES IN THE FREQUENCY DOMAIN IN SC-FDMA** which is  
disclosed in U. S. Patent Application Serial Number 12/377,942 filed on February 18, 2009, 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 **Karl-Göstra Sahlman** had this assignment not been made.

2009 MARS 04  
Date

Karl Göstra Sahlman  
Karl-Göstra Sahlman

2009 Mars 04  
Date

Daniel Larsson  
Witness Signature

Daniel Larsson  
Witness Name/Capacity for Karl-Göstra Sahlman

2009 Mars 04  
Date

Thord Hylander  
Witness Signature

Thord Hylander  
Witness Name/Capacity for Karl-Göstra Sahlman