**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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**CONVEYING PARTY DATA**

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<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Hanna Johannesson</td>
<td>07/20/2006</td>
</tr>
<tr>
<td>Ali S Khayrallah</td>
<td>07/25/2006</td>
</tr>
<tr>
<td>Gregory E Bottomley</td>
<td>07/25/2006</td>
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**RECEIVING PARTY DATA**

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<tr>
<th>Name</th>
<th>Telefonaktiebolaget LM Ericsson (publ)</th>
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<tr>
<td>Street Address</td>
<td>SE-164 83</td>
</tr>
<tr>
<td>City</td>
<td>Stockholm</td>
</tr>
<tr>
<td>State/Country</td>
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**PROPERTY NUMBERS Total: 1**

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**CORRESPONDENCE DATA**

Fax Number: (919)854-2084  
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.  
Phone: (919)854-1844  
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Address Line 4: Cary, NORTH CAROLINA 27511

**ATTORNEY DOCKET NUMBER:** 4015-5381

**NAME OF SUBMITTER:** Michael D. Murphy

Total Attachments: 2  
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source=20060725-155728-sem-4015-5381-document#page2.tif
ASSIGNMENT LETTER

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we, Hanna Johannesson, a citizen of Sweden, residing at Kvarnbro, 16 S-226 47 Lund Sweden; Ali S. Khayrollah, a citizen of the United States of America, residing at 113 Streamview Drive, Cary, North Carolina 27511; and Gregory E. Bottomley, a citizen of the United States of America, residing at 100 Merlot Court, Cary, North Carolina 27511; sell and assign to Telefonaktiebolaget LM Ericsson (publ), a corporation organized under the laws of Sweden, having registered offices at SE-164 83 Stockholm Sweden (the Company), its successors and assigns, the entire right, title, and interest in and to the improvements in a Decoding Method and Apparatus, invented by us, as described in the application for United States Patent Serial Number 11/451,724 filed on June 13, 2006, 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 Telefonaktiebolaget LM Ericsson (publ), or its successors or assigns and agree that on request and without further consideration, but at the expense of the 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 the improvements in all countries.

2006/03/20
Date
Hanna Johannesson

2006/03/20
Date
Witness Signature
Björn Hasselberg / Solution Architect
Witness Name/Capacity

2006/07/20
Date
Emil Zhang
Witness Signature
Emil Zhang / Software Design
Witness Name/Capacity
ASSIGNMENT LETTER

2006-07-25
Date

Ali S. Khayrallah

2006-07-25
Date

Douglas Cairns
Witness Signature
engineer/Douglas Cairns
Witness Name/Capacity

2006/7/25
Date

Stephen Lloyd
Witness Signature
Stephen Grant/Engineer
Witness Name/Capacity

2006-07-25
Date

Gregory E. Bottomley

2006-07-25
Date

Douglas Cairns
Witness Signature
engineer/Douglas Cairns
Witness Name/Capacity

2006/7/25
Date

Stephen Lloyd
Witness Signature
Stephen Grant/Engineer
Witness Name/Capacity