

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fabian Hauske</td> <td>11/16/2009</td> </tr> <tr> <td>Berthold Lankl</td> <td>11/26/2009</td> </tr> <tr> <td>Ernst-Dieter Schmidt</td> <td>11/24/2009</td> </tr> <tr> <td>Dr. Changsong Xie</td> <td>01/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Fabian Hauske	11/16/2009	Berthold Lankl	11/26/2009	Ernst-Dieter Schmidt	11/24/2009	Dr. Changsong Xie	01/17/2010
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Nokia Siemens Networks GmbH &amp; Co. KG</td> </tr> <tr> <td>Street Address:</td> <td>St. Martin Str. 76</td> </tr> <tr> <td>City:</td> <td>Muenchen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>81541</td> </tr> </table>		Name:	Nokia Siemens Networks GmbH & Co. KG	Street Address:	St. Martin Str. 76	City:	Muenchen	State/Country:	GERMANY	Postal Code:	81541
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (202)659-1559</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202.659.6970</p> <p>Email: awilson@dickinsonwright.com</p> <p>Correspondent Name: Dickinson Wright PLLC</p> <p>Address Line 1: 1875 Eye Street NW, Suite 1200</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20006</p>											
ATTORNEY DOCKET NUMBER:	39090-166										
NAME OF SUBMITTER:	Anne Wilson										
<p>Total Attachments: 3</p> <p>source=39090-166_Assignment#page 1.tif</p>											

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**PATENT**  
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## ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

**Fabian Hauske**  
residing at:  
**Seeblick 5**  
**82237 Wörthsee**  
**GERMANY**

**Berthold Lankl**  
residing at:  
**Sonnblick 7**  
**85658 Egming**  
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**Ernst-Dieter Schmidt**  
residing at:  
**Unterreit 1**  
**83620 Feldkirchen-Westerham**  
**GERMANY**

**Dr. Changsong Xie**  
residing at:  
**Therese-Giehse-Allee 85**  
**81739 München**  
**GERMANY**

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

**Nokia Siemens Networks GmbH & Co. KG**

a German corporation organized and existing under the laws of GERMANY , having its principal place of business in Munich , GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Empfänger für ein quadraturmoduliertes Signal und Verfahren zur Demodulation eines quadraturmodulierten Signals**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2006P11009WOUS  
and filed as PCT-application 12/373,614

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IDNR: 4248 / 20.12.2007

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 16.11.09

F. Hauske  
Fabian Hauske

Witnesses: Eike Dreesbach  
(type name) Eike Dreesbach

Witnesses: Alex Lohmann  
(type name) Alex Lohmann

Date: 26.11.09

Berthold Lankl  
Berthold Lankl

Witnesses: D. Schmidt Daniel Schmidt  
(type name)

Witnesses: Franz Schweikl  
(type name) Franz Schweikl

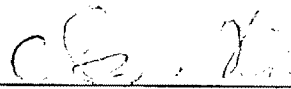
Date: 24.11.09

Ernst-Dieter Schmidt  
Ernst-Dieter Schmidt

Witnesses: Hans-Joachim Marpar  
(type name)

Witnesses: Thomas Michaelis  
(type name) THOMAS MICHAELIS

Date: 17.01.10

  
Dr. Changsong Xie

Witnesses: Si Xie (Si Xie)  
(type name)

Witnesses: Li Li (Li Li)  
(type name)