

## PATENT ASSIGNMENT

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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>THOMAS TREYER</td> <td>04/20/2012</td> </tr> <tr> <td>KARL KLOPPE</td> <td>04/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS TREYER	04/20/2012	KARL KLOPPE	04/19/2012
Name	Execution Date						
THOMAS TREYER	04/20/2012						
KARL KLOPPE	04/19/2012						
RECEIVING PARTY DATA							
Name:	NOKIA SIEMENS NETWORKS OY						
Street Address:	KARAPORTTI 3						
City:	ESPOO						
State/Country:	FINLAND						
Postal Code:	FI-02610						
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>13505643</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13505643		
Property Type	Number						
Application Number:	13505643						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	2009P00932						
NAME OF SUBMITTER:	RALPH E. LOCHER						
<p>Total Attachments: 4          source=2009P00932-signed-assign#page1.tif          source=2009P00932-signed-assign#page2.tif          source=2009P00932-signed-assign#page3.tif          source=2009P00932-signed-assign#page4.tif</p>							

OP \$40.00 13505643

ASSIGNMENT

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

**Assignor 1)**  
**Thomas Treyer**  
residing at:  
**Boschetsrieder Str. 63**  
**81379 München**  
**GERMANY**

**Assignor 2)**  
**Karl Kloppe**  
residing at:  
**Wurmseestr. 60**  
**81476 München**  
**GERMANY**

hereby sell, assign, and transfer to

Nokia Siemens Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND 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:) **Method and device for processing data in an optical network**

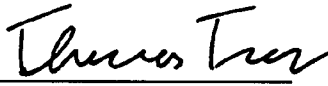
disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No.           2009P00932WOUS  
US-/PCT-Application No.    PCT/EP2009/064433

IDNR: 2589  
14.10.2010/kaal

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; 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.

Assignor 1)

Date: 20. April 2012   
Thomas Treyer

**Assignor 2)**

Date: 19.4.2012

Karl Kloppe  
Karl Kloppe