

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>SOENKE ROSNER</td> <td>04/12/2010</td> </tr> <tr> <td>THOMAS TREYER</td> <td>04/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	SOENKE ROSNER	04/12/2010	THOMAS TREYER	04/12/2010
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SOENKE ROSNER	04/12/2010						
THOMAS TREYER	04/12/2010						
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>12739788</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12739788		
Property Type	Number						
Application Number:	12739788						
CORRESPONDENCE DATA							
Fax Number:	9549251101						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	RALPH E LOCHER						
Total Attachments: 2 source=2007P02120-signed-assign#page1.tif source=2007P02120-signed-assign#page2.tif							

OP \$40.00 12739788

ASSIGNMENT

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

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GERMANY

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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 to diagnose an optical communication network**

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

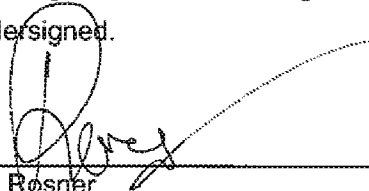
Applicants File No. 2007P02120WOUS
and filed as PCT-application PCT/EP2008/064285

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


IDNR: 4248 / 20.12.2007

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: 2010-04-12

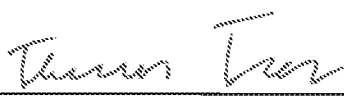


 Soenke Rösner

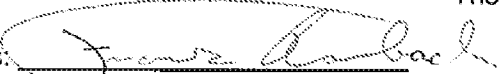
Witnesses: 
 (type name)

Witnesses: Beate Konrad (BEATE KONRAD)
 (type name)

Date: 2010-04-12



 Thomas Treyer

Witnesses: 
 (type name)

Witnesses: Beate Konrad
 (type name)