

## 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>Lutz Rapp</td> <td>10/22/2010</td> </tr> <tr> <td>Dario Setti</td> <td>10/26/2010</td> </tr> </tbody> </table>		Name	Execution Date	Lutz Rapp	10/22/2010	Dario Setti	10/26/2010				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Nokia Siemens Networks Oy</td> </tr> <tr> <td>Street Address:</td> <td>Karaportti 3</td> </tr> <tr> <td>City:</td> <td>Espoo</td> </tr> <tr> <td>State/Country:</td> <td>FINLAND</td> </tr> <tr> <td>Postal Code:</td> <td>FI-02610</td> </tr> </table>		Name:	Nokia Siemens Networks Oy	Street Address:	Karaportti 3	City:	Espoo	State/Country:	FINLAND	Postal Code:	FI-02610
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12922198</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12922198						
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CORRESPONDENCE DATA											
<p>Fax Number: (954)925-1101          Phone: 954-925-1100          Email: patents@patentusa.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Lerner Greenberg Sterner LLP          Address Line 1: 2445 Hollywood Blvd          Address Line 4: Hollywood, FLORIDA 33020</p>											
ATTORNEY DOCKET NUMBER:	2008P00315										
NAME OF SUBMITTER:	Ralph E Locher										
<p>Total Attachments: 4          source=2008P00315-signed-assign#page1.tif          source=2008P00315-signed-assign#page2.tif          source=2008P00315-signed-assign#page3.tif          source=2008P00315-signed-assign#page4.tif</p>											

OP \$40.00 12922198

## A S S I G N M E N T

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

**Assignor 1)**  
**Lutz Rapp**  
residing at:  
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**Assignor 2)**  
**Dario Setti**  
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**Assignor 3)**  
residing at:

**Assignor 4)**  
residing at:

**Assignor 5)**  
residing at:

**Assignor 6)**  
residing at:

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 for controlling an Erbium Doped Fibre Amplifier (EDFA) and Amplifier Arrangement**

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

Applicants File No. 2008P00315WOUS  
PCT-Application No. PCT/EP2009/052822

IDNR: 2589 /15.10.2010/get

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: October 22, 2010 L. Rapp  
Lutz Rapp

**Assignor 2)**

Date: 26.10.2010

Dario Setti  
Dario Setti