

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>Igor Bryskin</td> <td>12/12/2011</td> </tr> <tr> <td>Aihua Guo</td> <td>12/12/2011</td> </tr> <tr> <td>Wes Doonan</td> <td>12/12/2011</td> </tr> </tbody> </table>		Name	Execution Date	Igor Bryskin	12/12/2011	Aihua Guo	12/12/2011	Wes Doonan	12/12/2011		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ADVA AG Optical Networking</td> </tr> <tr> <td>Street Address:</td> <td>Fraunhoferstrasse 9a, Martinsried</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>D-82152</td> </tr> </table>		Name:	ADVA AG Optical Networking	Street Address:	Fraunhoferstrasse 9a, Martinsried	City:	Muenchen	State/Country:	GERMANY	Postal Code:	D-82152
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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>13305331</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13305331						
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CORRESPONDENCE DATA											
<p>Fax Number: (919)419-0383</p> <p>Phone: 9194938000</p> <p>Email: ezayatz@jwth.com</p> <p><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: Gregory A. Hunt</p> <p>Address Line 1: 3100 Tower Blvd</p> <p>Address Line 2: University Tower, Suite 1200</p> <p>Address Line 4: Durham, NORTH CAROLINA 27707</p>											
ATTORNEY DOCKET NUMBER:	1406/688/2										
NAME OF SUBMITTER:	Gregory A. Hunt										
<p>Total Attachments: 3</p> <p>source=1406_688_2_Assignment#page1.tif</p> <p>source=1406_688_2_Assignment#page2.tif</p> <p>source=1406_688_2_Assignment#page3.tif</p>											

OP \$40.00 13305331

PATENT

Atty. Docket No.: 1406/688/2

ASSIGNMENT

WHEREAS, we, Igor Bryskin of Great Falls, Virginia; Aihua Guo of Clifton, Virginia; and Wes Doonan of Fairfax, Virginia (hereinafter "Assignors"), have invented certain new and useful improvements in A METHOD FOR COMPLEMENTING DYNAMIC RESOURCE-LEVEL PATH COMPUTATION (hereinafter "Invention") for which application for a U.S. Patent was made on November 28, 2011 as Serial No. 13/305,331 (hereinafter "Application").

AND, WHEREAS, ADVA AG Optical Networking, a corporation duly organized and existing under the laws of Germany, having its principal office and place of business at Fraunhoferstrasse 9a Martinsried, Muenchen, Germany D-82152 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

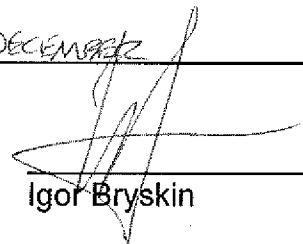
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Application, and in and to any and all foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of the Application in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

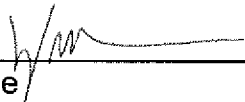
Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess the unencumbered right and authority to make this Assignment.

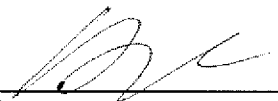
Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify in any interference or legal proceedings involving the Application or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 12 day of December 2011.

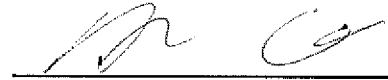

Igor Bryskin

Witnessed by:

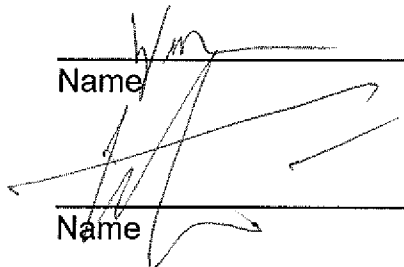
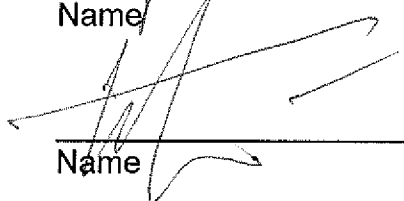

Name _____ Date 12/12/11


Name _____ Date 12/12/11

Executed this 12 day of DECEMBER 2011.


Aihua Guo



Witnessed by:

 12/12/11
Name Date
 12/12/2011
Name Date

Executed this 12 day of DECEMBER 2011.


Wes Doonan

Witnessed by:

 12/12/2011
Name Date
 12/12/11
Name Date
