

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Cristian Lumezanu</td> <td>05/09/2013</td> </tr> <tr> <td>Guofei Jiang</td> <td>05/09/2013</td> </tr> <tr> <td>Yueping Zhang</td> <td>05/09/2013</td> </tr> <tr> <td>Vishal Singh</td> <td>05/10/2013</td> </tr> <tr> <td>Ahsan Arefin</td> <td>05/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Cristian Lumezanu	05/09/2013	Guofei Jiang	05/09/2013	Yueping Zhang	05/09/2013	Vishal Singh	05/10/2013	Ahsan Arefin	05/13/2013
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Ahsan Arefin	05/13/2013												
RECEIVING PARTY DATA													
Name:	NEC Laboratories America, Inc.												
Street Address:	4 Independence Way												
Internal Address:	Suite 200												
City:	Princeton												
State/Country:	NEW JERSEY												
Postal Code:	08540												
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>13736158</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13736158								
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CORRESPONDENCE DATA													
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 609-951-2522 Email: jill@nec-labs.com Correspondent Name: NEC LABORATORIES AMERICA, INC. Address Line 1: 4 INDEPENDENCE WAY Address Line 2: Suite 200 Address Line 4: PRINCETON, NEW JERSEY 08540</p>													
ATTORNEY DOCKET NUMBER:	11095												

CH \$40.00 13736158

NAME OF SUBMITTER:	Jill Rittenhouse
Signature:	/Jill Rittenhouse/
Date:	05/13/2013
Total Attachments: 4 source=signedassignment#page1.tif source=signedassignment#page2.tif source=signedassignment#page3.tif source=signedassignment#page4.tif	

ASSIGNMENT

Whereas, we,

- (1) Cristian Lumezanu, of 25 Rock Run Road, East Windsor, NJ 08520;
- (2) Guofei Jiang, of 5 Danby Court, Princeton, NJ 08540;
- (3) Yueping Zhang, of 95 Harvard Court, Princeton, NJ 08540;
- (4) Vishal Singh, 602 Blue Spring Road, Princeton, NJ 08540; and
- (5) Ahsan Arefin, of 508 S. First Street, Apt. 402, Champaign, IL 61820

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 13/736,158, filed on January 8, 2013, entitled:

Network Debugging

Whereas, NEC Laboratories America, Inc.
4 Independence Way, Suite 200
Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

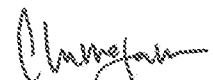
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

INVENTOR 1:

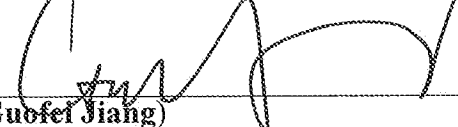
DATE on 5/9/2013



(Cristian Lumezanu)

INVENTOR 2:

DATE on 8/9/2013



(Guofei Jiang)

INVENTOR 3:

DATE on _____

(Yueping Zhang)

ASSIGNMENT

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Signed and Sealed:

INVENTOR 1:

DATE on _____ (Cristian Lumezanu)

INVENTOR 2:

DATE on _____ (Guofei Jiang)

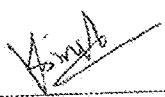
INVENTOR 3:

DATE on 1/9/13 _____ (Yueping Zhang)

INVENTOR 4:

INVENTOR 4:

DATE on 05/10/2013


(Vishal Singh)

INVENTOR 5:

DATE on _____

(Ahsan Arefin)


INVENTOR 4:

DATE on _____

(Vishal Singh)

INVENTOR 5:

DATE on 05/13/2013


(Ahsan Arefin)

PATENT