

## 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>Ankitkumar N. Patel</td> <td>05/21/2012</td> </tr> <tr> <td>Philip Nan Ji</td> <td>05/18/2012</td> </tr> <tr> <td>Jason P. Jue</td> <td>05/23/2012</td> </tr> <tr> <td>Ting Wang</td> <td>05/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ankitkumar N. Patel	05/21/2012	Philip Nan Ji	05/18/2012	Jason P. Jue	05/23/2012	Ting Wang	05/17/2012		
Name	Execution Date												
Ankitkumar N. Patel	05/21/2012												
Philip Nan Ji	05/18/2012												
Jason P. Jue	05/23/2012												
Ting Wang	05/17/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>NEC Laboratories America, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4 Independence Way</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 200</td> </tr> <tr> <td>City:</td> <td>Princeton</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08540</td> </tr> </table>		Name:	NEC Laboratories America, Inc.	Street Address:	4 Independence Way	Internal Address:	Suite 200	City:	Princeton	State/Country:	NEW JERSEY	Postal Code:	08540
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>13435413</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13435413								
Property Type	Number												
Application Number:	13435413												
CORRESPONDENCE DATA													
<p>Fax Number: (609)951-2480</p> <p>Phone: 609-951-2522</p> <p>Email: jill@nec-labs.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: NEC LABORATORIES AMERICA, INC.</p> <p>Address Line 1: 4 INDEPENDENCE WAY</p> <p>Address Line 2: Suite 200</p> <p>Address Line 4: PRINCETON, NEW JERSEY 08540</p>													
ATTORNEY DOCKET NUMBER:	10122												
NAME OF SUBMITTER:	Jill Rittenhouse												
<p>Total Attachments: 2</p> <p>source=signedneclaassignment#page1.tif</p> <p>source=signedneclaassignment#page2.tif</p>													

CH \$40.00 13435413

## ASSIGNMENT

Whereas, we,

- (1) **Ankitkumar N. Patel**, of 12 Downing Drive, East Brunswick, NJ 08816;
- (2) **Philip Nan Ji**, of 2 Parker Road, Plainsboro, NJ 08536;
- (3) **Jason P. Jue**, of 1208 Lakestream Drive, Plano, TX 75075; and
- (4) **Ting Wang**, of 10 Glacier Drive, West Windsor, NJ 08550

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 13/435,413, filed on March 30, 2012, entitled:

### **A METHOD FOR TRAFFIC GROOMING, WAVELENGTH ASSIGNMENT AND SPECTRUM ALLOCATION**

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").

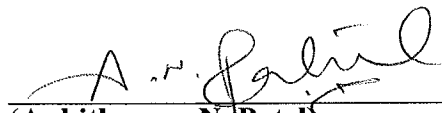
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

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 5/21/2012

  
(Ankitkumar N. Patel)

#### **INVENTOR 2:**

DATE on 5/18/12

  
(Philip Nan Ji)


#### **INVENTOR 3:**

DATE on \_\_\_\_\_

\_\_\_\_\_  
(Jason P. Jue)

#### **INVENTOR 4:**

DATE on 5/17/12

  
(Ting Wang)

**ASSIGNMENT**

Whereas, we,

- (1) **Ankitkumar N. Patel**, of 12 Downing Drive, East Brunswick, NJ 08816;
- (2) **Philip Nan Ji**, of 2 Parker Road, Plainsboro, NJ 08536;
- (3) **Jason P. Jue**, of 1208 Lakestream Drive, Plano, TX 75075; and
- (4) **Ting Wang**, of 10 Glacier Drive, West Windsor, NJ 08550

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 13/435,413, filed on March 30, 2012, entitled:

**A METHOD FOR TRAFFIC GROOMING, WAVELENGTH ASSIGNMENT AND SPECTRUM ALLOCATION**

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 \_\_\_\_\_

\_\_\_\_\_  
(Ankitkumar N. Patel)

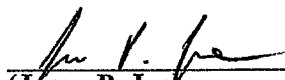
**INVENTOR 2:**

DATE on \_\_\_\_\_

\_\_\_\_\_  
(Philip Nan Ji)

**INVENTOR 3:**

DATE on 5/23/12

  
\_\_\_\_\_  
(Jason P. Jue)

**INVENTOR 4:**

DATE on \_\_\_\_\_

\_\_\_\_\_  
(Ting Wang)