

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jibing Wang</td> <td>09/13/2004</td> </tr> <tr> <td>Xiaodong Wang</td> <td>09/13/2004</td> </tr> <tr> <td>Mohammad Madihian</td> <td>09/13/2004</td> </tr> </tbody> </table>		Name	Execution Date	Jibing Wang	09/13/2004	Xiaodong Wang	09/13/2004	Mohammad Madihian	09/13/2004
Name	Execution Date								
Jibing Wang	09/13/2004								
Xiaodong Wang	09/13/2004								
Mohammad Madihian	09/13/2004								
RECEIVING PARTY DATA									
Name:	NEC Laboratories America, Inc.								
Street Address:	4 Independence Way								
City:	Princeton								
State/Country:	NEW JERSEY								
Postal Code:	08540								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10898917</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10898917				
Property Type	Number								
Application Number:	10898917								
CORRESPONDENCE DATA									
Fax Number:	(609)951-2480								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	6099512521								
Email:	jill@nec-labs.com								
Correspondent Name:	Benjamin Lee								
Address Line 1:	NEC Laboratories America, Inc.								
Address Line 2:	4 Independence Way								
Address Line 4:	Princeton, NEW JERSEY 08540								
NAME OF SUBMITTER:	Jill Thompson								
Total Attachments: 2 source=assignment 10898917#page1.tif source=assignment 10898917#page2.tif									

CH \$40.00 10898917

ASSIGNMENT

Whereas, we,

- (1) **Jibing Wang**, of 5020 Hunters Glen Drive, Plainsboro, NJ 08536;
- (2) **Xiaodong Wang**, of 21 Claremont Avenue, #34, New York, NY 10027; and
- (3) **Mohammad Madihian**, of 2 Larkspur Drive, Plainsboro, NJ 08536

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 10/898,917, filed on July 26, 2004, entitled:

Optimized High Rate Space-Time Codes for Wireless Communication

Whereas, NEC Laboratories America, Inc.
 4 Independence Way
 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:

CITY at South Brunswick

DATE on 09/13/2004

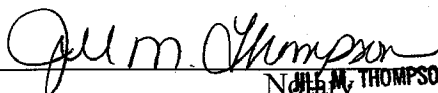


(Jibing		Wang)
First Name	Middle Initial	Last Name

State of New Jersey)

County of Middlesex) ss.:

Inventor (1) On this 13th day of September, 2004 before me personally came **Jibing Wang** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

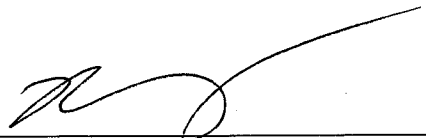


NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 9/12/2007

INVENTOR 2:

CITY at South Brunswick

DATE on 9/13/04



(**Xiaodong**
First Name

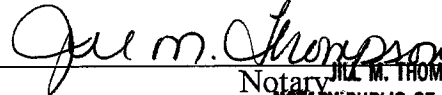
Middle Initial

(**Wang**)
Last Name

State of New Jersey)

County of Middlesex) ss.

Inventor (2) On this 13th day of September, 2004 before me personally came **Xiaodong Wang** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

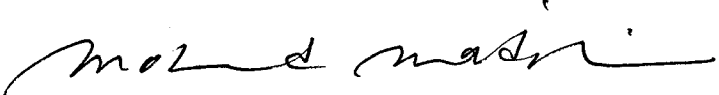


Notary **JILL M. THOMPSON**
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES ~~NOVEMBER~~ 9/12/07

INVENTOR 3:

CITY at South Brunswick

DATE on 9/13/04



(**Mohammad**
First Name

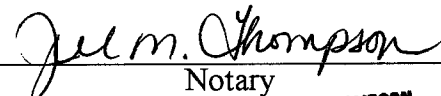
Middle Initial

(**Madihian**)
Last Name

State of New Jersey)

County of Middlesex) ss.

Inventor (3) On this 13th day of September, 2004 before me personally came **Mohammad Madihian** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary **JILL M. THOMPSON**
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES ~~NOVEMBER~~ 9/12/07