

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>Honghai Zhang</td> <td>02/22/2012</td> </tr> <tr> <td>Narayan Prasad</td> <td>02/22/2012</td> </tr> <tr> <td>Sampath Rangarajan</td> <td>02/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Honghai Zhang	02/22/2012	Narayan Prasad	02/22/2012	Sampath Rangarajan	02/22/2012				
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<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
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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:	10078												
NAME OF SUBMITTER:	Jill Rittenhouse												
<p>Total Attachments: 1</p> <p>source=signedassignment#page1.tif</p>													

CH \$40.00 13343192

ASSIGNMENT

Whereas, we,

- (1) **Honghai Zhang**, of 143 W. Farrel Avenue, Apt. A3, Ewing, NJ 08618;
- (2) **Narayan Prasad**, of 8470 Limekiln Pike, 625-2, Wyncote, PA 19095; and
- (3) **Sampath Rangarajan**, of 40 Linberger Drive, Bridgewater, NJ 08807

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 13/343,192, filed on January 4, 2012, entitled:

METHOD FOR LTE DOWNLINK SCHEDULING WITH MIMO

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:

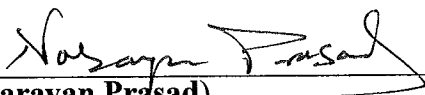
DATE on 2/22/2012



(Honghai Zhang)

INVENTOR 2:

DATE on 02/22/2012



(Narayan Prasad)

INVENTOR 3:

DATE on 02/22/2012



(Sampath Rangarajan)