PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAN XIN	10/25/2011
KYUNGTAE KIM	10/25/2011
SAMPATH RANGARAJAN	10/19/2011

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

Property Type	Number
Application Number:	13284442

CORRESPONDENCE DATA

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Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:	10089 (449-207)
NAME OF SUBMITTER:	James J. Bitetto

Total Attachments: 1

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PATENT REEL: 027142 FRAME: 0548 13284442

CH \$40,00

ASSIGNMENT

Whereas, we,

- (1) Yan Xin, of 6 Devonshire Drive, Princeton, NJ 08540; and
- (2) Kyungtae Kim, of 71 Warwick Road, West Windsor, NJ 08550; 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 entitled:

MULTITAPER SPECTRUM SENSING SYSTEMS AND METHODS

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:** DATED on 10/25/2011 Xin) (Yan First Name Middle Initial Last Name **INVENTOR 2:** DATED on (Kyungtae Kim) Middle Initial Last Name First Name **INVENTOR 3:** Rangarajan) (Sampath Middle Initial Last Name

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PATENT REEL: 027142 FRAME: 0549

RECORDED: 10/28/2011