502991209 09/25/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARTHIKEYAN SUNDARESAN	09/23/2014
SAMPATH RANGARAJAN	09/25/2014

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

Property Type	Number
Application Number:	13947015

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: NEC LABORATORIES AMERICA, INC.

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Address Line 2: SUITE 200

Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:	12032
NAME OF SUBMITTER:	JILL BEHR
SIGNATURE:	/Jill Behr/
DATE SIGNED:	09/25/2014

Total Attachments: 1

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PATENT REEL: 033816 FRAME: 0075

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ASSIGNMENT

Whereas, we,

- (1) Karthikeyan Sundaresan, of 245 Larchwood Court, Howell, NJ 07731; and
- (2) 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. 13/947,015, filed on July 19, 2013, entitled:

CARRIER AGGREGATION

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:

RECORDED: 09/25/2014

INVENTOR 1:

DATE on 09/23/19

Karthikeyan Sundarasan

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