

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4250970

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NEC LABORATORIES AMERICA, INC.	01/30/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEC CORPORATION
<b>Street Address:</b>	7-1, SHIBA 5-CHOME
<b>Internal Address:</b>	MINATU-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	1088001
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14689094
Application Number:	14465122
Application Number:	15089987
Application Number:	14575013
Application Number:	14842503
Application Number:	14547732
Application Number:	14525262
Application Number:	14712421
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(609)951-2480
<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	JANUARY
<b>NAME OF SUBMITTER:</b>	JILL BEHR

PATENT

<b>SIGNATURE:</b>	/Jill Behr/
<b>DATE SIGNED:</b>	01/31/2017
<b>Total Attachments: 1</b> source=January_2017#page1.tif	

**PATENT ASSIGNMENT**

WHEREAS, NEC Laboratories America, Inc., a New York corporation, having a place of business at 4 Independence Way, Suite 200, Princeton, New Jersey 08540, is an owner and assignee of record of the patent listed below;

WHEREAS, NEC Corporation, a Japanese corporation, having its principal place of business at 7-1, Shiba 5-chome, Minatu-ku, Tokyo, Japan 108-8001 is desirous of obtaining a title to the patents listed in Table 1 below;

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, NEC Laboratories America, Inc., hereby sells, assigns and transfers to NEC Corporation, its successors and assigns, its entire right, title and interest in each of the following United States patents listed below:

Docket #	Title	Serial #	Filing Date	Inventor(s)
13126	ULTRA-WIDE BAND SIGNAL GENERATION USING DIGITALLY JOINTED DUAL SIDEBANDS AND RF UP CONVERSION FOR SINGLE OPTICAL CARRIER	14689094	4/17/2015	HUANG ET AL.
13043	RECONFIGURABLE AND VARIABLE-RATE SHARED MULTI-TRANSPONDER ARCHITECTURE FOR FLEXIBLE ETHERNET-BASED OPTICAL NETWORKS	14465122	8/21/2015	KANONAKIS ET AL.
14103	REFERENCE SIGNAL GENERATION FOR LOCK-IN AMPLIFIER IN HIGH SENSITIVITY GAS SENSING SYSTEM	15089987	4/4/2016	HU ET AL.
13097	SYSTEM AND METHOD FOR NETWORK PACKET EVENT CHARACTERIZATION AND ANALYSIS	14575013	12/18/2014	ZHANG ET AL.
14047	HYBRID RAMAN AND BRILLOUIN SCATTERING IN FEW-MODE FIBERS	14842503	9/1/2015	WANG ET AL.
13110	CLOUD SERVICE EMBEDDING WITH SHARED PROTECTION IN SOFTWARE-DEFINED FLEXIBLE-GRID OPTICAL	14547732	11/19/2014	PATEL ET AL.
13081	TRAJECTORY FEATURES AND DISTANCE METRICS FOR HIERARCHICAL VIDEO SEGMENTATION	14525262	10/28/2014	CHANDRAKER ET AL.
14003	DISCOVERING AND CONSTRAINING IDLE PROCESSES	14712421	5/14/2015	QIAN ET AL.

IN WITNESS WHEREOF, NEC Laboratories America, Inc. has executed this Assignment by a duly authorized person.

NEC Laboratories America, Inc.

  
Name: Roger Tran

Title: President

Date: January 30, 2017