

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEC Laboratories America, Inc.	02/16/2010
RECEIVING PARTY DATA	
Name:	NEC Corporation
Street Address:	7-1 Shiba 5-chome
Internal Address:	Minatu-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-8001
PROPERTY NUMBERS Total: 26	
Property Type	Number
Patent Number:	7474750
Patent Number:	7483411
Patent Number:	7484151
Patent Number:	7502378
Patent Number:	7516346
Patent Number:	7526123
Patent Number:	7529669
Patent Number:	7529484
Patent Number:	7529222
Patent Number:	7536182
Patent Number:	7539261
Patent Number:	7551648
Patent Number:	7558201
Patent Number:	7562321

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PATENT  
REEL: 023957 FRAME: 0816

CH \$1040.00 7474750

Patent Number:	7567543
Patent Number:	7577540
Patent Number:	7579921
Patent Number:	7581142
Patent Number:	7580445
Patent Number:	7590195
Patent Number:	7590513
Patent Number:	7592935
Patent Number:	7610527
Patent Number:	7609904
Patent Number:	7610539
Patent Number:	7610540

#### CORRESPONDENCE DATA

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Address Line 4: Princeton, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:

END OF YEAR ASSIGNMENT 09

NAME OF SUBMITTER:

Jill Thompson

Total Attachments: 4

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## 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 in Table 1 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 in Table 1:

**TABLE 1**

<u>Issue Date</u>	<u>Title</u>	<u>Patent No.</u>	<u>Inventor(s)</u>	<u>Serial No.</u>	<u>Filed</u>
1/6/2009	Dynamic Content-Aware Memory Compression and Encryption Architecture	7,474,750	Haris Lekatsas Joerg Henkel Srimat T. Chakradhar Venkata Jakkula	10/869,984	6/16/2004
1/27/2009	Apparatus for Public Access Mobility LAN and Method of Operation Thereof	7,483,411	Stephen Weinstein Jun Li Junbiao Zhang Nan Tu	10/058,379	1/30/2002
1/27/2009	Method and Apparatus for Testing Logic Circuit Designs	7,484,151	Kedarnath Balakrishnan Seongmoon Wang Wenlong Wei Srimat T. Chakradhar	11/538,245	10/3/2006
3/10/2009	Flexible Wrapper Architecture for Tiled Networks on a Chip	7,502,378	Subhek Garg Marcello Lajolo	11/947,747	11/29/2007
4/7/2009	System and Method for Dynamically Changing the Power Mode of Storage Disks Based on Redundancy and System Load	7,516,346	Cezary Dubnicki Ricardo Bianchini Eduardo Pinheiro	11/163,607	10/25/2005

4/28/2009	Estimating Facial Pose from a Sparse Representation	7,526,123	Hankyu Moon Matthew L. Miller	10/813,767	3/31/2004
5/5/2009	Voice-Based Multimodal Speaker Authentication Using Adapted Training and Applications Thereof	7,529,669	Srivaths Ravi Anand Raghunathan Srimat T. Chakradhar Karthik Nandakumar	11/762,616	6/13/2007
5/5/2009	Triplexer Transceiver Using Parallel Signal Detection	7,529,484	Lei Xu Lei Zong Philip Nan Ji Ting Wang Yuji Abe	11/276,486	3/2/2006
5/5/2009	Method and Apparatus for Medium Access Control for a Decentralized Network with Adaptive Beamforming and Power Control	7,529,222	Seung-Jun Kim Xiaodong Wang Mohammad Madihian	11/276,770	3/14/2006
5/19/2009	Method and Apparatus for Extending Capabilities of Handheld Devices Using Local Resources	7,536,182	Junbiao Zhang	09/986,698	11/9/2001
5/26/2009	Multi-Layer Coded Modulation for Non-Ergodic Block Fading Channels	7,539,261	Ben Lu Xiaodong Wang Mohammad Madihian	11/259,323	10/26/2005
6/23/2009	Superimposed Training for Multiple Antenna Communications	7,551,648	Jibing Wang Xiaodong Wang Mohammad Madihian	11/277,651	3/28/2006
7/7/2009	Measurement-Based Admission Control for Wireless Packet Data Services	7,558,201	Aimin Sang Xiaodong Wang Mohammad Madihian	11/278,154	3/31/2006
7/14/2009	Method and Apparatus for Structured ASIC Test Point Insertion	7,562,321	Seongmoon Wang Srimat T. Chakradhar	11/567,955	12/7/2006
7/28/2009	Method and Apparatus for Cross-Layer Resource Allocation for Wireless Backhaul Networks	7,567,543	Min Cao Xiaodong Wang Seung-Jun Kim Mohammad Madihian	11/420,137	5/24/2006
8/18/2009	Re-Configurable Embedded Core Test Protocol for System-on-Chips (SOC) and Circuit Boards	7,577,540	Seongmoon Wang Srimat T. Chakradhar Kedarnath Balakrishnan	10/108,476	3/29/2002

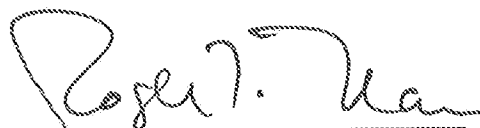
8/25/2009	On-Off Keying 7-Phase Shift Keying Modulation System and Method for Fiber Communication	7,579,921	Chuanhui Ma Ting Wang	12/048,451	3/14/2008
8/25/2009	Method and System Usable in Sensor Networks for Handling Memory Faults	7,581,142	Florin Sultan Kiran Nagaraja Srimat T. Chakradhar Ram Kumar Rengaswamny	11/616,086	12/26/2006
8/25/2009	Nonlinear Precoding in Code-Division Multiple Access Communication System	7,580,445	Xiaodong Wang Mohammad Madihian	11/259,442	10/26/2005
9/15/2009	Reduced-Complexity Multiple-Input Multiple-Output (MIMO) Channel Detection Via Sequential Monte Carlo	7,590,195	Xiaodong Wang Mohammad Madihian	11/063,633	2/23/2005
9/15/2009	Automated Modeling and Tracking of Transaction Flow Dynamics for Fault Detection Complex Systems	7,590,513	Guofei Jiang Haifeng Chen Cristian Ungureanu Kenji Yoshihira	11/275,796	1/30/2006
9/22/2009	Information Retrieval Architecture for Packet Classification	7,592,935	Srihari Cadambi Srimat T. Chakradhar	11/276,665	3/9/2006
10/27/2009	Test Output Compaction with Improved Blocking of Unknown Values	7,610,527	Seongmoon Wang Kedarnath Balakrishnan Srimat T. Chakradhar	11/276,771	3/14/2006
10/27/2009	Transform Coding System and Method	7,609,904	Matthew L. Miller	11/093,568	3/30/2005

10/27/2009	Method and Apparatus for Testing Logic Circuit Designs	7,610,539	Kedarnath Balakrishnan Seongmoon Wang Wenlong Wei Srimat T. Chakradhar	12/265,330	11/5/2008
10/27/2009	Method for Generating, from a Test Cube Set, a Generator Configured to Generate a Test Pattern	7,610,540	Kedarnath Balakrishnan Seongmoon Wang Wenlong Wei Srimat T. Chakradhar	12/265,300	11/5/2008

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: Feb 16, 2010

State of New Jersey:

ss:

County of Middlesex:

On the 16<sup>th</sup> day of February, 2010, before me personally appeared Roger Tran, who acknowledged himself to be the President of NEC Laboratories America, Inc., a New York corporation, and that, as such being duly authorized to do so, executed the foregoing instrument and acknowledged the same to be his free act and deed and the free act and deed of said corporation.



Notary Public

JILL M. THOMPSON  
Notary Public of New Jersey  
My Commission Expires 9/12/12