#### 502552591 10/31/2013

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2598187

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUNGHWAN RHEE	10/24/2013
HUI ZHANG	10/24/2013
NIPUN ARORA	10/24/2013
GUOFEI JIANG	10/28/2013
KENJI YOSHIHIRA	10/28/2013

### **RECEIVING PARTY DATA**

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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14012000

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REEL: 031518 FRAME: 0221

PATENT

502552591

NAME OF SUBMITTER:	JILL BEHR
Signature:	/Jill Behr/
Date:	10/31/2013
Total Attachments: 2 source=signedassignment#page1.tif source=signedassignment#page2.tif	

PATENT REEL: 031518 FRAME: 0222

# **ASSIGNMENT**

Whereas, we,

- (1) Junghwan Rhee, of 115 Cascade Court, Apt.3, Princeton, NJ 08540;
- (2) Hui Zhang, of 69 Southfield Road, Princeton Junction, NJ 08550;
- (3) Nipun Arora, of 3205 Fox Run Drive, Plainsboro, NJ 08536;
- (4) Guofei Jiang, of 5 Danby Court, Princeton, NJ 08540; and
- (5) Kenji Yoshira, of 26 Sherbrooke Drive, Princeton Junction, NJ 08550

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 14/012,000, filed on August 28, 2013, entitled:

# BLACKBOX MEMORY MONITORING WITH A CALLING CONTEXT MEMORY MAP AND SEMANTIC EXTRACTION

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 10/24/2013

Junghwan Rhee

**INVENTOR 2:** 

DATE on 10/24/20/3

Hui Zhang

**INVENTOR 3:** 

DATE on 10/24/2013

Nipup Arora

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PATENT REEL: 031518 FRAME: 0223

INVENTO	OR 4:	/
DATE on	(0(28	helb,

Guofei Jiang

**INVENTOR 5:** 

DATE on (%)

Kenji Yoshihira