

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3640584

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUI ZHANG	11/30/2015
XIAO YU	11/17/2015
PALLAVI JOSHI	11/20/2015
JIANWU XU	12/01/2015
GUOFEI JIANG	11/30/2015
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	PRINCETON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08540
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14957566
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	14073
<b>NAME OF SUBMITTER:</b>	BAO TRAN
<b>SIGNATURE:</b>	/bao tran/
<b>DATE SIGNED:</b>	12/02/2015
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

Whereas, we,

(1) Hui Zhang, of 69 Southfield Rd, Princeton Junction, NJ 08550;

(2) Xiao Yu, of 25 River Drive South, Jersey City, NJ 07310;

(3) Pallavi Joshi, of 5302 Fox Run, Plainsboro, NJ 08536; and

(4) Jianwu Xu, of 95 O'Neill Ct, Lawrenceville, NJ 08648; and

(5) Guofei Jiang, of 5 Danby Ct, Princeton, NJ 08540

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application entitled:

### ONLINE ERROR DETECTION FOR THE CLOUD INFRASTRUCTURE

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.

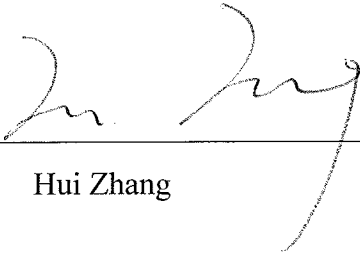
Signed and Sealed:

**INVENTOR 1:**

**DATE** on 11/30/2015

**INVENTOR 2:**

**DATE** on \_\_\_\_\_

  
\_\_\_\_\_  
Hui Zhang

\_\_\_\_\_  
Xiao Yu

**ASSIGNMENT**

Whereas, we,

(1) Hui Zhang, of 69 Southfield Rd, Princeton Junction, NJ 08550;

(2) Xiao Yu, of 25 River Drive South, Jersey City, NJ 07310;

(3) Pallavi Joshi, of 5302 Fox Run, Plainsboro, NJ 08536; and

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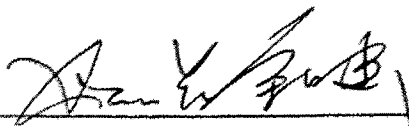
Signed and Sealed:

**INVENTOR 1:**

DATE on \_\_\_\_\_

Hui Zhang

**INVENTOR 2:**



DATE on Nov. 17, 2015

Xiao Yu

**PATENT**

**REEL: 037195 FRAME: 0189**

**INVENTOR 3:**

**DATE** on 11/20/15

Pallavi Joshi  
Pallavi Joshi

**INVENTOR 4:**

**DATE** on \_\_\_\_\_

\_\_\_\_\_  
Jianwu Xu

**INVENTOR 5:**

**DATE** on \_\_\_\_\_

\_\_\_\_\_  
Guofei Jiang

**PATENT**

**REEL: 037195 FRAME: 0190**

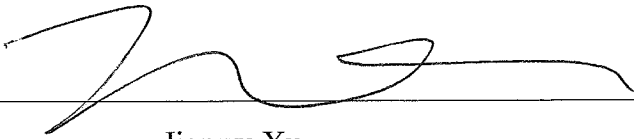
**INVENTOR 3:**

DATE on \_\_\_\_\_

\_\_\_\_\_  
Pallavi Joshi

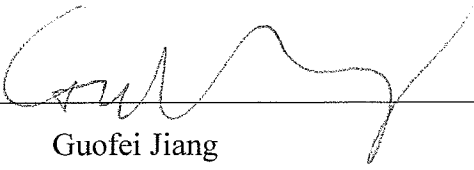
**INVENTOR 4:**

DATE on 12/01/2015

  
\_\_\_\_\_  
Jianwu Xu

**INVENTOR 5:**

DATE on 11/30/2015

  
\_\_\_\_\_  
Guofei Jiang