

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4352285

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIANWU XU	03/27/2017
KE ZHANG	03/27/2017
HUI ZHANG	03/27/2017
RENQIANG MIN	03/27/2017
GUOFEI JIANG	03/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEC LABORATORIES AMERICA, INC.
<b>Street Address:</b>	4 INDEPENDENCE WAY, SUITE 200
<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:	15478753
<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>	
<b>Phone:</b>	609-951-2522
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<b>Correspondent Name:</b>	NEC LABORATORIES AMERICA, INC.
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<b>Address Line 4:</b>	PRINCETON, NEW JERSEY 08540
<b>ATTORNEY DOCKET NUMBER:</b>	15113B
<b>NAME OF SUBMITTER:</b>	JAMES J. BITETTO
<b>SIGNATURE:</b>	/jjb/
<b>DATE SIGNED:</b>	04/04/2017
<b>Total Attachments: 4</b>	

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ASSIGNMENT

Whereas, we,

- (1) **Jianwu Xu** of 95 Oneill Court, Lawrenceville, NJ 08648;
- (2) **Ke Zhang** of 105 Morewood Avenue, Pittsburg, PA 15213;
- (3) **Hui Zhang** of 69 Southfield Road, Princeton Junction, NJ 08550;
- (4) **Renqiang Min** of 7 Carlton Circle, Princeton, NJ 08540; and
- (5) **Guofei Jiang** of 5 Danby Court, Princeton, NJ 08540

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

**A MOBILE PHONE WITH SYSTEM FAILURE PREDICTION USING LONG SHORT-TERM MEMORY NEURAL NETWORKS**

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:**

DATED on 03/27/2017

  
 \_\_\_\_\_  
 (Jianwu Xu)  
 First Name Middle Initial Last Name

**INVENTOR 2:**

DATED on \_\_\_\_\_

\_\_\_\_\_  
 (Ke Zhang)  
 First Name Middle Initial Last Name

ASSIGNMENT

Whereas, we,

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- (2) **Ke Zhang** of 105 Morewood Avenue, Pittsburg, PA 15213;
- (3) **Hui Zhang** of 69 Southfield Road, Princeton Junction, NJ 08550;
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Signed and Sealed:

**INVENTOR 1:**

DATED on \_\_\_\_\_

(Jianwu		Xu)
First Name	Middle Initial	Last Name


**INVENTOR 2:**

DATED on 03/27/2017

(Ke	<i>Ke Zhang</i>	Zhang)
First Name	Middle Initial	Last Name

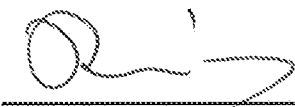
**INVENTOR 3:**

DATED on 3/27/2017

  
\_\_\_\_\_  
(Hui Zhang)  
First Name Middle Initial Last Name

**INVENTOR 4:**

DATED on 03/27/2017

  
\_\_\_\_\_  
(Renqiang Min)  
First Name Middle Initial Last Name

**INVENTOR 5:**

DATED on \_\_\_\_\_

\_\_\_\_\_  
(Guofei Jiang)  
First Name Middle Initial Last Name

**INVENTOR 3:**

**DATED** on \_\_\_\_\_

\_\_\_\_\_  
**(Hui Zhang)**  
First Name Middle Initial Last Name

**INVENTOR 4:**

**DATED** on \_\_\_\_\_

\_\_\_\_\_  
**(Renqiang Min)**  
First Name Middle Initial Last Name

**INVENTOR 5:**

**DATED** on 3/28/2017 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_/Guofei Jiang/  
**(Guofei Jiang)**  
First Name Middle Initial Last Name