

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4602702

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MUHAMMAD ZEESHAN ZIA	09/18/2017
QUOC-HUY TRAN	09/18/2017
XIANG YU	09/18/2017
MANMOHAN CHANDRAKER	09/19/2017
CHI LI	09/15/2017
<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>
<b>Application Number:</b>	15709814
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(631)844-0021
<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
<b>Email:</b>	shachikian@tb-iplaw.com
<b>Correspondent Name:</b>	NEC LABORATORIES AMERICA, INC.
<b>Address Line 1:</b>	4 INDEPENDENCE WAY
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	PRINCETON, NEW JERSEY 08540
<b>ATTORNEY DOCKET NUMBER:</b>	16053B
<b>NAME OF SUBMITTER:</b>	JAMES J. BITETTO
<b>SIGNATURE:</b>	/jjb/
<b>DATE SIGNED:</b>	09/20/2017
<b>Total Attachments: 2</b>	

source=16053B\_Assignment#page1.tif

source=16053B\_Assignment#page2.tif

ASSIGNMENT

Whereas, we,

- (1) Muhammad Zeeshan Zia of: 4775 Atherton Avenue, San Jose, CA 95130;
- (2) Quoc-Huy Tran of: 2425 Karen Drive, Santa Clara, CA 95050;
- (3) Xiang Yu of: 131 Concord Circle; Mountain View, CA 94040;
- (4) Manmohan Chandraker of: 444 Saratoga Avenue, Santa Clara, CA 95050; and
- (5) Chi Li of: 365 Springpark Circle, San Jose, CA 95136

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

**Title: ADVANCED DRIVER-ASSISTANCE SYSTEM WITH LANDMARK LOCALIZATION ON OBJECTS IN IMAGES USING CONVOLUTIONAL NEURAL NETWORKS**

Whereas, NEC Laboratories America, Inc.  
4 Independence Way, Suite 200  
Princeton, New Jersey 08540

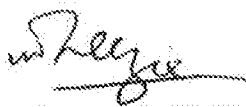
(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

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:

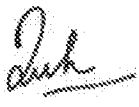
INVENTOR 1:



DATED on 9/18/2017

(Muhammad	Zeeshan	Zia)
First Name	Middle Initial	Last Name

INVENTOR 2:



DATED on 09/18/2017

(Quoc-Huy		Tran)
First Name	Middle Initial	Last Name

**INVENTOR 3:**

DATED on 09/18/2017

(Xiang Yu)  
First Name Middle Initial Last Name

**INVENTOR 4:**

DATED on 09/19/2017

(Manmohan Chandraker)  
First Name Middle Initial Last Name

**INVENTOR 4:**

DATED on 09/15/17

(Chi Li)  
First Name Middle Initial Last Name