

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAN JI	07/22/2020
QUOC-HUY TRAN	07/22/2020
MANMOHAN CHANDRAKER	07/23/2020
YULIANG ZOU	07/22/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEC LABORATORIES AMERICA, INC.
<b>Street Address:</b>	4 INDEPENDENCE WAY
<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>	16939604
<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
<b>Email:</b>	kguzzardo@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>	19033
<b>NAME OF SUBMITTER:</b>	JAMES J. BITETTO
<b>SIGNATURE:</b>	/jjb/
<b>DATE SIGNED:</b>	07/27/2020
<b>Total Attachments: 2</b>	
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source=19033_Assignment#page2.tif	

ASSIGNMENT

Whereas, we,

- (1) Pan Ji, of 816 Saratoga Avenue, San Jose, CA 95129;
- (2) Quoc-Huy Tran, of 2425 Karen Drive, Santa Clara, CA 95050;
- (3) Manmohan Chandraker, of 444 Saratoga Avenue, Santa Clara, CA 95050; and
- (4) Yuliang Zou, of 500 Houndschase Lane NW, Blacksburg, VA 24060.

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

**SELF-SUPERVISED VISUAL ODOMETRY FRAMEWORK USING LONG-TERM MODELING AND INCREMENTAL LEARNING**

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 07/22/2020

  
\_\_\_\_\_  
Pan Ji


INVENTOR 2:

DATE on 07/22/2020

  
\_\_\_\_\_  
Quoc-Huy Tran

INVENTOR 3:

DATE on 07/23/2020

  
\_\_\_\_\_  
Manmohan Chandraker

**INVENTOR 4:**

**DATE on 07/22/2020**

YULIANG ZOU

**Yuliang Zou**

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