

## PATENT ASSIGNMENT COVER SHEET

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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>
PAUL VERNAZA	01/31/2019
NICHOLAS RHINEHART	02/01/2019
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16266713
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<b>NAME OF SUBMITTER:</b>	JAMES J. BITETTO
<b>SIGNATURE:</b>	/jjb/
<b>DATE SIGNED:</b>	02/04/2019
<b>Total Attachments: 1</b>	
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**ASSIGNMENT**

Whereas, we,

- (1) **Paul Vernaza**, of 19077 Tilson Avenue, Cupertino, CA 95014; and  
(2) **Nicholas Rhinehart**, of 5706 Northumberland Street, Pittsburgh, PA 15217

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

**TRAFFIC PREDICTION WITH REPARAMETERIZED PUSHFORWARD POLICY FOR AUTONOMOUS VEHICLES**

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 1/31/19

  
\_\_\_\_\_  
(Paul Vernaza)  
First Name Middle Initial Last Name

**INVENTOR 2:**

**DATED** on 2/1/2019

  
\_\_\_\_\_  
(Nicholas Rhinehart)  
First Name Middle Initial Last Name