#### 503840022 05/24/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3886670

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL S. GORDON	04/29/2016
JAMES R. KOZLOSKI	05/02/2016
ASHISH KUNDU	05/23/2016
PETER K. MALKIN	05/02/2016
CLIFFORD A. PICKOVER	04/29/2016

#### **RECEIVING PARTY DATA**

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15162920

### **CORRESPONDENCE DATA**

Fax Number: (512)306-1757

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**Correspondent Name:** JAMES E. BOICE

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Address Line 2: SUITE 201

Address Line 4: WEST LAKE HILLS, TEXAS 78746

ATTORNEY DOCKET NUMBER: YOR920160088US1	
NAME OF SUBMITTER: JAMES E. BOICE	
SIGNATURE:	/James E. Boice/
DATE SIGNED:	05/24/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

**PATENT** REEL: 038700 FRAME: 0948 503840022

### **Total Attachments: 15** source=YOR920160088US1\_FiledDecAssign\_05-24-16#page1.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page2.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page3.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page4.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page5.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page6.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page7.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page8.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page9.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page10.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page11.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page12.tif source=YOR920160088US1 FiledDecAssign 05-24-16#page13.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page14.tif source=YOR920160088US1\_FiledDecAssign\_05-24-16#page15.tif

PATENT REEL: 038700 FRAME: 0949

## Title of Invention: DIRECTING MOVEMENT OF A SELF-DRIVING VEHICLE BASED ON ACTIVITY AT A POINT OF SALE DEVICE

As a below named and undersigned inventor, I bereby declare that;

This declaration is directed to the attached application, or (if following box is checked):

[x] United States application or PCT international application number 15/162,920 filed on May 24, 2016

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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/ t N	- 122			
(i)	Legal Name of Inventor MICHAEL'S, GORDON	Legal Name of Inventor MICHAEL S. GORDÓN		
	Signature:	Date: 4/29/2016		
(2)	Legal Name of Inventor: ASHISH KUNDU			
	Signature:	Date:		
(3)	Legal Name of Inventor: JAMES R. KOZLOSKI			
	Signature:	Date:		
(4)	Legal Name of Inventor: PETER K. MALKIN			
	Signature:	Date:		

(5)	Legal Name of Inventor: CLIFFORD A, PICKOVER	
	Signature:	Date:

Title of Invention: DIRECTING MOVEMENT OF A SELF-DRIVING VEHICLE BASED ON ACTIVITY AT A POINT OF SALE DEVICE

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(1) Legal Name of Inventor: MICHAEL S.	GORDON
Signature:	Date:
(2) Legal Name of Inventor: ASHISH KUN	DU
Signature: Aslish fun	oli
(3) Legal Name of Inventor: JAMES R. KO	ZLOSKI
Signature:	Date:
(4) Legal Name of Inventor: PETER K. MA	LKIN
Signature:	Date:

(5)	5) Legal Name of Inventor: <b>CLIFFORD A. PICKOVER</b>		
	Signature:	Date:	

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(l)	Legal Name of Inventor: MICHAEL S. GORDON	
	Signature:	Date:
(2)	Legal Name of Inventor: ASHISH KUNDU	
	Signature:	Date:
(3)	Legal Name of Inventor: JAMES R. KOZLOSKI	
	Signature: A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Date: 05-02-12
(4)	Legal Name of Inventor: PETER K. MALKIN	
	Signature:	Date:

(5) Legal Name of Inventor: CLIFFORD A. PICKOVER	
Signature:1	Date:

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Signature:	Date:
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Signature:	Date:
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Signature:	Date:
(4) Legal Name of Inventor: PETER K. MALKIN	
Signature: Set William	16 Date: 5/2/16

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Signature:	Date:
(2) Legal Name of Inventor: <b>ASHISH KUNDU</b>	
Signature:	Date:
(3) Legal Name of Inventor: <b>JAMES R. KOZLOS</b>	KI
Signature:	Date:
(4) Legal Name of Inventor: <b>PETER K. MALKIN</b>	
Signature:	Date:

(5) Legal Name of Inve	ntor: CLIFFORD A. PICKOVER			
Signature:	Mod A. Rekvee	Date:	4-29-16	

Page 3 of 3

PATENT REEL: 038700 FRAME: 0964