# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZHIWEI QIN	05/01/2018
ISHAN JINDAL	05/02/2018
XUEWEN CHEN	05/03/2018

## **RECEIVING PARTY DATA**

Name:	DIDI RESEARCH AMERICA, LLC	
Street Address:	450 NATIONAL AVE.	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15970407	

## **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 650-815-2692

Email: svpatents@sheppardmullin.com, monda@sheppardmullin.com

Correspondent Name: SHEPPARD MULLIN RICHTER & HAMPTON LLP WEIGUO CHEN

Address Line 1: 379 LYTTON AVE.

Address Line 4: PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	55KS-267747
NAME OF SUBMITTER:	MASAKO ONDA
SIGNATURE:	/Masako Onda/
DATE SIGNED:	05/03/2018

**Total Attachments: 4** 

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PATENT 504898820 REEL: 045709 FRAME: 0963

Attorney Docket No. 55KS-267747 (Worldwide Rights)

#### **ASSIGNMENT**

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)), of a claimed invention in an application for United States Letters Patent entitled:

## METHOD AND DEVICE FOR PROVIDING VEHICLE NAVIGATION SIMULATION ENVIRONMENT

filed on May 3, 2018, as United States Patent Application No. 15/970,407 (Confirmation No. (4555);

WHEREAS, <u>DiDi Research America, LLC</u>, a corporation of the state of <u>California</u>, whose post office address is <u>450 National Ave.</u>, <u>Mountain View, CA 94043</u>, <u>USA</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert the filing date and application number of the above-referenced application(s) when known.

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PATENT REEL: 045709 FRAME: 0964 IN TESTIMONY WHEREOF, I/We have hereunto set my/our hands.

Name:	Zhiwei QIN	
Address:	San Jose, CA	A, USA
	Zarran DocuSigned by:	
Ву:	Eliwei G	ln
Date:	571752018 <sup>16FA84</sup>	472
Date.		
Name:	Ishan JINDA	NL
Address:	Detroit, MI, U	JSA
Ву:		
Date:		
Date.		·
Name:	Xuewen CHI	EN
Address:	Mountain Vie	ew, CA, USA
Ву:		
Date:		
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Assignee	e Name:	DiDi Research America, LLC
		Docusigned by: Lion Matho
Signature	);	
Printed N	ame:	Zion Maffeo
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Corporate	e ritie:	
Date:		5/1/2018

IN TESTIMONY WHEREOF, I/We have hereunto set my/our hands.

Name:	Zhiwei QIN		
Address:	San Jose, CA	A, USA	
Ву:			
Date:			
	Ishan JINDA		
Address:	Detroit, MI, U	<u> </u>	
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By:	Ishan Jind		
Date:	5215 <b>201</b> 846040	<u>-</u>	
Name:	Xuewen CHE	=N	
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By: Date:			
Date:			
Assignee	Name:	DiDi Research America, LLC	
Signature	:		_
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Date:			
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IN TESTIMONY WHEREOF, I/We have hereunto set my/our hands.

Name:	Zhiwei Qlf	J.			
Address:	San Jose,	CA, USA			
Ву:					
Date					
Name:	Ishan JINE	)AL			
Address	Detroit, MI,				**************
Ву:					
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Name:	Xuewen C	HEN			
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Assigne	e Name:	DiDi Re	search	America	LLC
Signature	e*				
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PATENT REEL: 045709 FRAME: 0967

RECORDED: 05/03/2018