

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6768884

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CONGHUI FU	06/01/2021
ZIHAN YI	06/01/2021
ZETIAN NI	06/01/2021
XIN CHEN	06/01/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
<b>Street Address:</b>	BUILDING 34, NO. 8 DONGBEIWANG WEST ROAD, HAIDIAN DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100193
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17127752
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<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>	9497600404
<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR, LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	BDIDI.025A2
<b>NAME OF SUBMITTER:</b>	VIKAS BHARGAVA
<b>SIGNATURE:</b>	/Vikas Bhargava/
<b>DATE SIGNED:</b>	06/17/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 6</b>	

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**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))***Application Data Sheet filed previously or concurrently*

Docket No.: BDIDI.025A2

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Title: MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION

Inventors: Conghui Fu, Zihan Yi, Zetian Ni, and Xin Chen

***Declaration***

This Declaration is directed to U.S. or International Application No. **17/127,752**, filed December 18, 2020 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

***Assignment from Inventors***

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries related to **MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION** (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been filed or prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application"), and ASSIGNOR desires to assign or confirm assignment of the Work and the Application to the below identified Assignee.

AND WHEREAS, **Beijing DiDi Infinity Technology and Development Co., Ltd.**, with its principal place of business at **Building 34, No. 8 Dongbeiwang West Road, Haidian District, Beijing, China 100193** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer, and set over, unto said ASSIGNEE, **its** successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including: all provisional applications relating to the Work and the Application; all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals, and reissues thereof.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, **its** successors, legal representatives, and assigns.

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

**Docket No.:** BDIDI.025A2

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**Title:** MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION

**Inventors:** Conghui Fu, Zihan Yi, Zetian Ni, and Xin Chen

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, **its** successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate to said ASSIGNEE, **its** successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, **its** successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries.

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**  
*Application Data Sheet filed previously or concurrently*

**Docket No.:** BDIDI.025A2

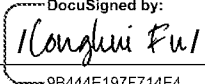
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**Title:** MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION

**Inventors:** Conghui Fu, Zihan Yi, Zetian Ni, and Xin Chen

**Legal Name of Inventor:** Conghui Fu

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of JUNE, 2021.

Signature:  DocuSigned by:  
9B444E197F714E4...

*Signature before a Notary is desirable but not required.*

**A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.**

**STATE OF CALIFORNIA** }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, notary public, personally appeared Conghui Fu who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Signature

[SEAL]

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**  
*Application Data Sheet filed previously or concurrently*

Docket No.: BDIDI.025A2

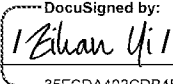
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Title: MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION

Inventors: Conghui Fu, Zihan Yi, Zetian Ni, and Xin Chen

Legal Name of Inventor: Zihan Yi

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of JUNE, 2021.

Signature: 

*Signature before a Notary is desirable but not required.*

**A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.**

STATE OF CALIFORNIA }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, notary public, personally appeared Zihan Yi who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Signature

[SEAL]

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**  
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**Docket No.:** BDIDI.025A2

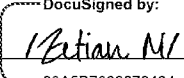
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**Title:** MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION

**Inventors:** Conghui Fu, Zihan Yi, Zetian Ni, and Xin Chen

**Legal Name of Inventor:** Zetian Ni

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of JUNE, 2021.

Signature:  DocuSigned by: 39A5B7669373424

*Signature before a Notary is desirable but not required.*

**A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.**

**STATE OF CALIFORNIA** }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, notary public, personally appeared Zetian Ni who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Signature

[SEAL]

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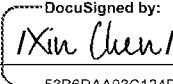
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**Title:** MACHINE LEARNING-BASED REAL-TIME GUEST RIDER IDENTIFICATION

**Inventors:** Conghui Fu, Zihan Yi, Zetian Ni, and Xin Chen

**Legal Name of Inventor:** Xin Chen

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of JUNE, 2021.

Signature:  DocuSigned by: Xin Chen

*Signature before a Notary is desirable but not required.*

**A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.**

**STATE OF CALIFORNIA** }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, notary public, personally appeared Xin Chen who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Signature

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