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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
IATURE OF CONVEYA	NCE: ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
FAN ZHU			04/10/2018		
XIN XU 04/10/2018					
QI KONG			04/10/2018		
YUCHANG PAN			04/10/2018		
FEIYI JIANG			04/10/2018		
LIANGLIANG ZHANG			04/10/2018		
JIAMING TAO			04/10/2018		
HAOYANG FAN			04/10/2018		
HUI JIANG	IUI JIANG 04/10/2018				
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Street Address:	2/F A2 ZHONGGUANCUN SOFTWARE PARK 17TH BUILDING				
Internal Address:	NO. 8, DONGBEIWANG WEST ROAD, HAIDIAN DISTRICT				
City:	BEIJING				
State/Country:	CHINA				
PROPERTY NUMBERS	Total:				
Property Type		Number			
Application Number:		16066300			
CORRESPONDENCE D Fax Number:	ΑΙΑ	(408)341 3008			
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REEL: 046209 FRAME: 0249

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ATTORNEY DOCKET NUMBER:		209922.0196.0 (P163)		
NAME OF SUBMITTER:		JOAN ABRIAM		
SIGNATURE:		/JOAN ABRIAM/		
DATE SIGNED:		06/27/2018		
Total Attachments: 6 source=9922P163_Assignment#page1.tif source=9922P163_Assignment#page2.tif source=9922P163_Assignment#page3.tif source=9922P163_Assignment#page4.tif source=9922P163_Assignment#page5.tif source=9922P163_Assignment#page6.tif				

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		1731601		UN .	Alloine	V DOCKELINO.:	209922.0196)U(P163)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

FAN ZHU, XIN XU, QI KONG, YUCHANG PAN, FEIYI JIANG, LIANGLIANG ZHANG, JIAMING TAO, HAOYANG FAN, HUI JIANG,

hereby sell, assign, and transfer to

Baidu USA LLC and Baidu.com Times Technology (Beijing) Co., Ltd.

both limited liability companies in California and China, having a principal place of business at 1195 Bordeaux Dr., Sunnyvale, CA 94089 and 2/F A2 Zhongguancun Software Park 17th Building, No. 8, Dongbeiwang West Road, Haidian District, Beijing, China, respectively, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

METHOD FOR EVALUATING LOCALIZATION SYSTEM OF AUTONOMOUS DRIVING VEHICLES

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 16/066,300 filed June 27, 2018

and in and to said application (provisional or non-provisional) and all provisional applications, nonprovisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, nonprovisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

Rev. 1/08/2010

-1-

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

<u>04/0</u> Date	_, 20_[8	Signature FAN ZHU Printed/Typed Name
Date	_, 20	Signature XIN XU Printed/Typed Name
04/15 Date	_, 20 <u> / &</u>	Du Kong Signature QI KONG Printed/Typed Name
04 / [⊃ Date	_, 20 <u> (8</u>	Yu (HING PAH Signature YUCHANG PAN Printed/Typed Name
04/10 Date	_, 20 <u>_18</u> _	Feigi Jiaug Signature FEIYI JIANG Printed/Typed Name
Date	_, 20	Signature LIANGLIANG ZHANG Printed/Typed Name
Date	_, 20	Signature JIAMING TAO Printed/Typed Name

209922.0196.0 (P163)

Rev. 1/08/2010

PATENT REEL: 046209 FRAME: 0252 and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

, 20_ Date	Signature FAN ZHU Printed/Typed Name
<u>10, April</u> , 20_ Date	din du
, 20_ Date	Signature QI KONG Printed/Typed Name
, 20_ Date	Signature YUCHANG PAN Printed/Typed Name
, 20_ Date	Signature FEIYI JIANG Printed/Typed Name
, 20_ Date	Signature LIANGLIANG ZHANG Printed/Typed Name
, 20, 20, 20,	Signature JIAMING TAO Printed/Typed Name

Each Inventor: Please Sign and Date Below:

209922.0196.0 (P163)

Rev. 1/08/2010

PATENT REEL: 046209 FRAME: 0253 and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



Each Inventor: Please Sign and Date Below:

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PATENT REEL: 046209 FRAME: 0254

<u>46/10</u>, 20<u>18</u> Date

Signature

HAOYANG FAN Printed/Typed Name

, 20_ Date

Signature HUI JIANG Printed/Typed Name

Assignment Document Return Address: WOMBLE BOND DICKINSON (US) LLP Attn: IP Docketing P.O. Box 7037 Atlanta, GA 30357-0037 (408) 720-8300

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