

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4604201

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FAN ZHU	09/12/2017
QI KONG	09/13/2017
YUCHANG PAN	09/13/2017
FUXIAO XIN	09/13/2017
HUI JIANG	09/13/2017
LI ZHUANG	09/13/2017
WEICHENG ZHU	09/12/2017
CHUNMING ZHAO	09/13/2017
ZHENGUANG ZHU	09/13/2017
JINGAO WANG	09/12/2017
HAOYANG FAN	09/12/2017
RECEIVING PARTY DATA	
Name:	BAIDU USA LLC
Street Address:	1195 BORDEAUX DR.
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089
Name:	BAIDU.COM TIMES TECHNOLOGY (BEIJING) CO., LTD.
Street Address:	2/F A2 ZHONGGUANCUN SOFTWARE PARK 17TH BUILDING, NO. 8
Internal Address:	DONGBEIWANG WEST ROAD, HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15560148
CORRESPONDENCE DATA	
Fax Number:	(408)720-8383
<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>	

PATENT

Phone: (408)720-8300
Email: joan_abriam@bstz.com
Correspondent Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN
Address Line 1: 1279 OAKMEAD PARKWAY
Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	9922P117
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NAME OF SUBMITTER:	JOAN ABRIAM
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SIGNATURE:	/JOAN ABRIAM/
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DATE SIGNED:	09/20/2017
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Total Attachments: 5

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 9922P117

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

**FAN ZHU, QI KONG, YUCHANG PAN, FUXIAO XIN, HUI JIANG, LI ZHUANG, WEICHENG ZHU,
CHUNMING ZHAO, ZHENGUANG ZHU, JINGAO WANG, HAORYANG FAN**

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

**DRIVING SCENARIO BASED LANE GUIDELINES FOR PATH PLANNING 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 15/560,148 filed September 20, 2017

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional 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, non-provisional 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 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:

09/12, 2017 [Signature]
Date Signature
FAN ZHU
Printed/Typed Name

09/13, 2017 [Signature]
Date Signature
QI KONG
Printed/Typed Name

09/13, 2017 [Signature]
Date Signature
YUCHANG PAN
Printed/Typed Name

09/12, 2017 [Signature]
Date Signature
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Printed/Typed Name

09/13, 2017 [Signature]
Date Signature
HUI JIANG
Printed/Typed Name

09/13, 2017 [Signature]
Date Signature
LI ZHUANG
Printed/Typed Name

_____, 20____
Date Signature
WEICHENG ZHU
Printed/Typed Name

improvements and for vesting title to said inventions or improvements, and all applications for patents 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.

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09/12, 2017
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WEICHENG ZHU

Printed/Typed Name

09/13 2017
Date

Chunming ZHAO
Signature
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Printed/Typed Name

09/13 2017
Date

Zhengguang ZHU
Signature
ZHENGUANG ZHU
Printed/Typed Name

_____, 20____
Date

Signature
JINGAO WANG
Printed/Typed Name

_____, 20____
Date

Signature
HAOYANG FAN
Printed/Typed Name

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway | Sunnyvale, CA 94085-4040
(408) 720-8300

_____, 20____
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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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(408) 720-8300