505181930 11/08/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FAN ZHU	10/08/2018
LIN MA	10/08/2018

RECEIVING PARTY DATA

Name:	BAIDU USA LLC
Street Address:	1195 BORDEAUX DR.
City:	SUNNYVALE
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Postal Code:	94089
Name:	BAIDU.COM TIMES TECHNOLOGY (BEIJING) CO., LTD.
	, ,
Street Address:	2/F A2 ZHONGGUANCUN SOFTWARE PARK 17TH BUILDING
	, ,
Street Address:	2/F A2 ZHONGGUANCUN SOFTWARE PARK 17TH BUILDING

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16099883

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	209922.0257.5 (P226)
NAME OF SUBMITTER:	JOAN ABRIAM
SIGNATURE:	/JOAN ABRIAM/
DATE SIGNED:	11/08/2018

PATENT 505181930 REEL: 047453 FRAME: 0785

Total Attachments: 2

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PATENT REEL: 047453 FRAME: 0786

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 209922.0257.5 (P226)

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

FAN ZHU, LIN MA,

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

A PEDESTRIAN PROBABILITY PREDICTION SYSTEM FOR AUTONOMOUS 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	16/099,883	filed	November 8, 2018

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

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

covenant with said Assignee, its successors, assigne, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveved 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:

Printed/Typed Name

Assignment Document Return Address: WOMBLE BOND DICKINSON (US) LLP Attn: IP Docketing P.O. Box 7037 Atlanta, GA 30357-0037 (408) 341-3000

209922.0257.5 (P226)

RECORDED: 11/08/2018

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