PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5602582

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONGYI SUN	05/02/2019
JIACHENG PAN	05/02/2019
KECHENG XU	05/02/2019
YAJIA ZHANG	05/02/2019
JINGHAO MIAO	05/02/2019

RECEIVING PARTY DATA

Name:	BAIDU USA LLC
Street Address:	1195 BORDEAUX DR.
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16404738

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	209922.0360.1 (P322)
NAME OF SUBMITTER:	KEVIN G. SHAO
SIGNATURE:	/Kevin G. Shao/
DATE SIGNED:	07/02/2019

Total Attachments: 2

PATENT REEL: 049659 FRAME: 0046

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PATENT REEL: 049659 FRAME: 0047

ASSIGNMENT OF PATENT APPLICATION | Attorney Docket No.: 209922,0360.1 (P322)

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

HONGYI SUN, JIACHENG PAN, KECHENG XU, YAJIA ZHANG, JINGHAO MIAO

hereby sell, assign, and transfer to

Baidu USA LLC

a limited liability company of California, having a principal place of business at 1195 Bordeaux Dr., Sunnyvale, CA 94089 ("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 nonprovisional) is entitled

METHOD FOR DETERMINING EXITING INTERSECTION OF MOVING OBJECTS FOR **AUTONOMOUS DRIVING VEHICLES**

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

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

United States Patent Application Numb	er 16/404,738	filed	May 7, 2019

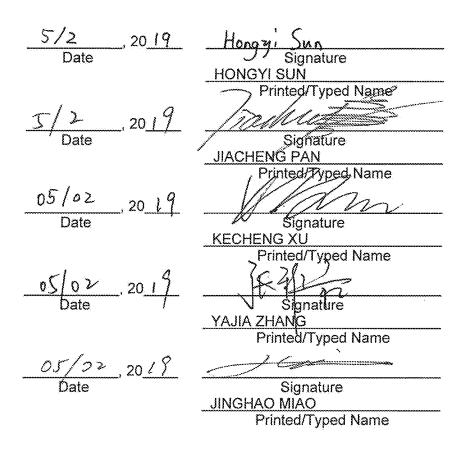
and in and to said application (provisional or non-provisional) and all provisional applications, nonprovisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute 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 and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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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:



Assignment Document Return Address: WOMBLE BOND DICKINSON (US) LLP Attn: IP Docketing

P.O. Box 7037 Atlanta, GA 30357-0037 (408) 341-3000

RECORDED: 07/02/2019

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