

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FEILONG YAN	08/24/2017
HE YAN	08/24/2017
LIANG WANG	08/24/2017
BOSHENG WANG	08/24/2017
SHIYU SONG	08/24/2017
WEIXIN LU	08/24/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.
<b>Street Address:</b>	3/F BAIDU CAMPUS, NO. 10
<b>Internal Address:</b>	SHANGDI 10TH STREET, HAIDIAN DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100085
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16026338
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)977-4405
<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>	3129774400
<b>Email:</b>	smonreal@nixonpeabody.com
<b>Correspondent Name:</b>	NIXON PEABODY LLP
<b>Address Line 1:</b>	70 W. MADISON ST.
<b>Address Line 2:</b>	SUITE 3500
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60602
<b>ATTORNEY DOCKET NUMBER:</b>	078291-000071USPT
<b>NAME OF SUBMITTER:</b>	JUSTIN D. SWINDELLS
<b>SIGNATURE:</b>	/Justin D. Swindells/
<b>DATE SIGNED:</b>	07/10/2018

PATENT

**Total Attachments: 3**

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## ASSIGNMENT

WHEREAS, we, Feilong Yan, He Yan, Liang Wang, Bosheng Wang, Shiyu Song and Weixin Lu (hereinafter referred to as ASSIGNORS), all having a mailing address of 3/F Baidu Campus, No. 10, Shangdi 10th Street, Haidian District, Beijing 100085, China, are the joint inventors of an invention entitled "METHOD AND APPARATUS FOR IDENTIFYING LASER POINT CLOUD DATA OF AUTONOMOUS VEHICLE" (in Chinese "用于识别无人驾驶车辆的激光点云数据的方法和装置") as described and claimed in the specification for which an application for Chinese letters patent was filed on July 4, 2017 and assigned Application No. CN201710539630.X;

WHEREAS, BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD. (hereinafter referred to as ASSIGNEE), having a usual place of business at 3/F Baidu Campus, No. 10, Shangdi 10th Street, Haidian District, Beijing 100085, China, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

FURTHER, ASSIGNORS agree that ASSIGNORS will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in

any legal proceeding, sign all lawful papers, execute all papers relating to a continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the patent application in the United States and its territorial possessions and any reissue, re-examination or extension of said letters patent, execute all necessary assignment papers to cause any and all of said letters patents to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions.

FURTHER, ASSIGNORS and ASSIGNEE hereby authorize the firm of Insight Intellectual Property Limited, whose full post office address is 19 A, Tower A, InDo Building, No. 48A Zhichun Road, Haidian District, Beijing, China 100098, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in the United States Patent and Trademark Office.

August 24, 2017

Date

Feilong Yan

Feilong Yan

August 24, 2017


Date

He Yan

He Yan

August 24, 2017

Date



Liang Wang

August 24, 2017

Date

Bosheng Wang

Bosheng Wang

August 24, 2017

Date



Shiyu Song

August 24, 2017

Date

Weixin Lu

Weixin Lu