

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YI LUO	01/15/2019
XIAOLING HAN	01/15/2019
XUE MEI	02/25/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TUSIMPLE
<b>Street Address:</b>	9191 TOWNE CENTRE DRIVE
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<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92122-6207
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16181020
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<b>ATTORNEY DOCKET NUMBER:</b>	TUSIM.003A
<b>NAME OF SUBMITTER:</b>	JOHN M. CARSON
<b>SIGNATURE:</b>	/John M. Carson/
<b>DATE SIGNED:</b>	03/21/2019
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

WHEREAS, **Yi Luo**, residing at San Diego, California, **Xiaoling Han**, residing at San Diego, California, and **Xue Mei**, residing at Ann Arbor, Michigan, (individual(s) hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to SYSTEMS AND METHODS FOR DETECTING TRAILER ANGLE (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, **TuSimple**, a California Corporation, having an address at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122-6207 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Yi Luo

Signature: 

Date: 01-15-2019

**Legal Name of inventor:** Xiaoling Han

Signature: Xiaoling Han Date: 1/15/2019

Application No.: 16/181020  
Filing Date: November 5, 2018

Docket Number: TUSIM.003A  
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Legal Name of inventor: Xue Mei

Signature:

*Xue Mei*

Date:

*2/25/2019*

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