

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7889886

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHENYANG LI	04/24/2017
XIAODI HOU	04/24/2017
SIYUAN LIU	04/24/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TUSIMPLE
<b>Street Address:</b>	9191 TOWNE CENTRE DR.
<b>Internal Address:</b>	SUITE 600
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92122
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18090217
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	4084064855
<b>Email:</b>	mail@inventive.law
<b>Correspondent Name:</b>	INVENTIVE LAW INC.
<b>Address Line 1:</b>	6000 VIRGINIA DRIVE
<b>Address Line 4:</b>	AUBURN, CALIFORNIA 95602
<b>ATTORNEY DOCKET NUMBER:</b>	TUS-29C2
<b>NAME OF SUBMITTER:</b>	JIM H. SALTER
<b>SIGNATURE:</b>	/jim h salter, Reg. No. 35668/
<b>DATE SIGNED:</b>	04/07/2023
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

<b>Title of Invention</b>	SYSTEM AND METHOD FOR VEHICLE POSITION AND VELOCITY ESTIMATION BASED ON CAMERA AND LIDAR DATA
<b>Docket Number</b>	TuS-29

As the below named inventor, I hereby declare that:

This declaration ☒ The attached patent application, or  
is directed to: ☐ United States patent application or PCT international application number:  
\_\_\_\_\_ filed on \_\_\_\_\_. (I hereby authorize and request any attorney having appropriate  
authority from the assignee to insert on the designated lines above, the filing date and application number of said  
application when known.)

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre Dr., Suite 600, San Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, reexaminations, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;

I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;

I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted;

I hereby warrant and represent 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; and

Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination, extension, and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

LEGAL NAME OF INVENTOR

Inventor: Chenyang LI

Date: 04/24/2017

Signature: Chenyang Li

**INVENTIVE PATENT LAW P.C.**  
2280 East Bidwell St. #214, Folsom, CA 95630 US  
(408) 406-4855

**PATENT**  
**REEL: 063253 FRAME: 0698**

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LEGAL NAME OF INVENTOR

Inventor: Siyuan LIU

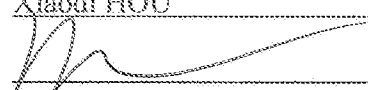
Date: 04/26/2017

Signature: *Siyuan Liu*

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(408) 406-4855

**PATENT**  
**REEL: 063253 FRAME: 0699**

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<b>Docket Number</b>	TuS-29	
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="" type="checkbox"/> The attached patent application, or is directed to: <input type="checkbox"/> United States patent application or PCT international application number: _____ filed on _____. (I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines above, the filing date and application number of said application when known.)</p> <p>The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p> <p>WHEREAS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre Dr., Suite 600, San Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the above- identified United States patent application;</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above- identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, reexaminations, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;</p> <p>I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;</p> <p>I hereby authorize and request the United States Patent &amp; Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted;</p> <p>I hereby warrant and represent 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; and</p> <p>Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination, extension, and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.</p>		
<b>LEGAL NAME OF INVENTOR</b>		
Inventor:	Xiaodi HOU	Date: Apr. 24, 2017
Signature:		

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