

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5231904

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DAZHOU GUO	11/21/2017
	YUJIE WEI	11/21/2017
	XUE MEI	11/21/2017
	XIAODI HOU	11/21/2017
RECEIVING PARTY DATA		
Name:	TUSIMPLE	
Street Address:	9191 TOWNE CENTRE DR.	
Internal Address:	SUITE 600	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92122	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15822597	
CORRESPONDENCE DATA		
Fax Number:	(916)404-5569	
<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>		
Phone:	4084064855	
Email:	mail@inventive.law	
Correspondent Name:	INVENTIVE LAW INC.	
Address Line 1:	11768 ATWOOD ROAD #214	
Address Line 4:	AUBURN, CALIFORNIA 95603	
ATTORNEY DOCKET NUMBER:	TUS-76	
NAME OF SUBMITTER:	JIM H. SALTER	
SIGNATURE:	/jim h salter, Reg. #35668/	
DATE SIGNED:	11/11/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4		

source=TUS-76_Inventor_Dec-Assn_DG_signed#page1.tif
source=TUS-76_Inventor_Dec-Assn_YW_signed#page1.tif
source=TUS-76_Inventor_Dec-Assn_XM_signed#page1.tif
source=TUS-76_Inventor_Dec-Assn_XH_signed#page1.tif

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	SYSTEM AND METHOD FOR LARGE-SCALE LANE MARKING DETECTION USING MULTIMODAL SENSOR DATA
Docket Number	TuS-76

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;

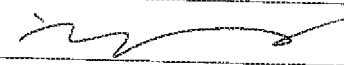
I hereby warrant and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights
and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein
expressed is possessed by the undersigned; and

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: Dazhou GUO

Date: 11/21/2017

Signature: 

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

PATENT
REEL: 047468 FRAME: 0145

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	SYSTEM AND METHOD FOR LARGE-SCALE LANE MARKING DETECTION USING MULTIMODAL SENSOR DATA	
Docket Number	TuS-76	

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: Yujie WEI Date: 11/21/2017

Signature: Yujie Wei

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

PATENT
REEL: 047468 FRAME: 0146

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	SYSTEM AND METHOD FOR LARGE-SCALE LANE MARKING DETECTION USING MULTIMODAL SENSOR DATA
-------------------------------	--

Docket Number	TuS-76
--------------------------	--------

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: Xue MEI

Date: 11/21/2017

Signature: Xue MEI

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

PATENT
REEL: 047468 FRAME: 0147

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	SYSTEM AND METHOD FOR LARGE-SCALE LANE MARKING DETECTION USING MULTIMODAL SENSOR DATA	
Docket Number	TuS-76	

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;

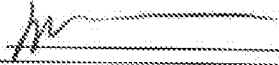
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign
countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in
and to the same, for the sole use and on behalf of the 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: Xiaodi HOU Date: _____

Signature: 

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