#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6061490

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
XING SUN	09/06/2017
WUTU LIN	09/06/2017
LIU LIU	09/07/2017
KAI-CHIEH MA	09/06/2017
ZIJIE XUAN	09/06/2017
YUFEI ZHAO	09/07/2017

#### **RECEIVING PARTY DATA**

Name:	TUSIMPLE, INC.
Street Address:	9191 TOWN CENTRE DR. STE600
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92122

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16848809		

#### **CORRESPONDENCE DATA**

Fax Number: (206)359-9000

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.

Phone: 206-359-8000

Email: patentprocurement@perkinscoie.com PERKINS COIE LLP - TUSIMPLE **Correspondent Name:** 

P.O. BOX 1247 Address Line 1:

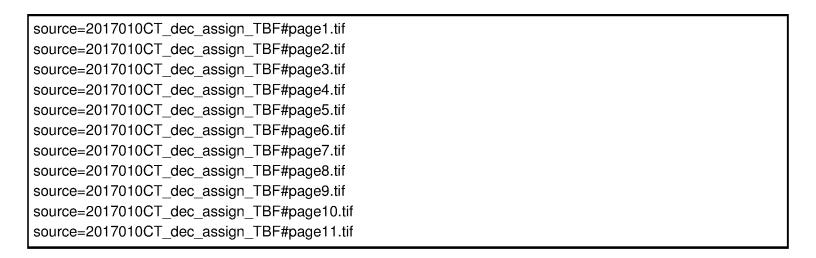
Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	2017010US-CT1
NAME OF SUBMITTER:	PAUL LIU
SIGNATURE:	/Paul Liu/
DATE SIGNED:	04/14/2020

**Total Attachments: 11** 

**PATENT** REEL: 052396 FRAME: 0913

506014778



Title of Invention	DATA-DRIVEN PREDICTION-BASED SYSTEM AND METHOD FOR TRAJECTORY PLANNING OF AUTONOMOUS VEHICLES
Docket Number	TuS-10
As the below no	uned inventor, I hereby declare that:
This declaration	
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 saic application when known.)
The above-ident	tified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application
or imprisonmen	riedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tof not more than five (5) years, or both.
identified United	EAS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre San Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the above-1 States patent application;  THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby
identified United and reissues, red applications file applications, and I hereby own name and International Co	d States patent application and in all divisions, continuations and continuations-in-part of said application, examinations, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent d in countries foreign to the United States ("foreign countries") and corresponding international patent l in all Letters Patents issuing on any such patent applications in the United States and foreign countries; assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its the right to claim priority to the above-identified United States patent application under the terms of the onvention and any other relevant treaties;
and to the same full end of the to	authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the erm for which said Letters Patent may be granted;
expressed is pos	warrant and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights rein conveyed has been made to others by the undersigned, and that full right to convey the same as herein sessed by the undersigned; and
Further, respecting said i continuation-in-papers to cause s the ASSIGNEE, foreign countries	I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me nvention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, part, substitute, renewal, reexamination, extension, and reissue applications, execute all necessary assignment aid Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and
LEGAL NAME	OF INVENTOR
Inventor: ]	Xing SUN Date: 9 も 20 17
Signature:	

INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US (408) 406-4855

Title of Invention	DATA-DRIVEN PREDICTION-BASED SYSTEM AND METHOD FOR TRAJECTORY PLANNING OF AUTONOMOUS VEHICLES		
Docket Number	TuS-10		
As the below nam	red inventor, I hereby declare that:		
This declaration	The attached patent application, or		
is directed to:			
	Fusion of Free attention of the Concentrational approximation (minuser,		
	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-identif	ied application was made or authorized to be made by me.		
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.		
I hereby acknowle	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years, or both.		
Dr., Suite 600, Sa	S, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre in Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the above-States patent application;		
identified United	HEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby needby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-States patent application and in all divisions, continuations and continuations-in-part of said application,		
and reissues, reex applications filed	aminations, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent in countries foreign to the United States ("foreign countries") and corresponding international patent n all Letters Patents issuing on any such patent applications in the United States and foreign countries;		
I hereby own name and if	assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its e right to claim priority to the above-identified United States patent application under the terms of the vention and any other relevant treaties;		
I hereby a countries to issue and to the same.	authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the m for which said Letters Patent may be granted;		
I hereby and property here expressed is posse	warrant and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights in conveyed has been made to others by the undersigned, and that full right to convey the same as herein assed by the undersigned; and		
continuation-in-pa papers to cause sai	agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, rt, substitute, renewal, reexamination, extension, and reissue applications, execute all necessary assignment d Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid a successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and		
LEGAL NAME C	F INVENTOR		
Inventor: W	ntu LIN Date: 9/6/2017.		
Signature:	- Uhrt		

INVENTIVE PATENT LAW P.C.

Signature:

2280 East Bidwell St. #214, Folsom, CA 95630 US (408) 406-4855

Title of Invention		A-DRIVEN PREDICTION-BASED SYSTEM AND METHOD FOR TRAJECTORY NNING OF AUTONOMOUS VEHICLES
Docket Number	TuS	-10
As the below nan	red in	entor, I hereby declare that:
This declaration	$\boxtimes$	The attached patent application, or
is directed to:		United States patent application or PCT international application number:
		filed on
		application when known.)
		plication was made or authorized to be made by me.
		riginal inventor or an original joint inventor of a claimed invention in the application.
		hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years, or both.
Dr., Suite 600, Sa	m Die	SIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towns Centre 20, CA 92122, desires to acquire the entire right, title and interest in said invention and the above-patent application;
acknowledged, I identified United and reissues, reex applications filed applications, and I hereby own name and the	herehy States amina in co in all I assign ne rigl	FORE, for good and valuable consideration, the receipt and sufficiency of which are hereby assign to the ASSIGNEE, the entire right, ritle and interest in said invention and in the above-patent application and in all divisions, continuations and continuations-in-part of said application, ions, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent untries foreign to the United States ("foreign countries") and corresponding international patent efters Patents issuing on any such patent applications in the United States and foreign countries; to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its at to claim priority to the above-identified United States patent application under the terms of the mand any other relevant treaties;
I hereby countries to issue and to the same,	author any a for the	ize and request the United States Patent & Trademark Office and officials in patent offices in foreign all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the which said Letters Patent may be granted;
and property here	in cor	it and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights iveyed has been made to others by the undersigned, and that full right to convey the same as herein by the undersigned; and
respecting said in continuation-in-pa papers to cause sa	ventic art, sul id Leti	that, without further consideration, I will communicate to the ASSIGNEE any facts known to me in, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, istitute, renewal, reexamination, extension, and reissue applications, execute all necessary assignment ers Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid ressors and assigns, to obtain and enforce Letters Patent for said invention in the United States and
LEGAL NAME C	F IN	
Inventor: <u>L</u>	iu LJI	Date: 9/7/201)
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INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US (408) 406-4855

Title of Invention	DATA-DRIVEN PREDICTION-BASED SYSTEM AND METHOD FOR TRAJECTORY PLANNING OF AUTONOMOUS VEHICLES			
Docket Number	TuS-10			
As the below nam	ed 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			
The above-identif	ed 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			
or imprisonment of	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine f not more than five (5) years, or both.			
in, suite tion, sa	S, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the above-tates patent application;			
identified United and reissues, reex applications filed applications, and i I hereby to own name and the International Con	EREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby creby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-itates patent application and in all divisions, continuations and continuations-in-part of said application, minations, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent in countries foreign to the United States ("foreign countries") and corresponding international patent is all Letters Patents issuing on any such patent applications in the United States and foreign countries; ssign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its cright to claim priority to the above-identified United States patent application under the terms of the rention 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				
continuation-in-pa papers to cause sai the ASSIGNEE, it foreign countries.	igree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, t, substitute, renewal, reexamination, extension, and reissue applications, execute all necessary assignment Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and			
LEGAL NAME O				
Inventor: <u>K</u> i	i-Chieh MA Date: 09/06/2017			
Signature:	cai-chieh Ma			

INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US (408) 406-4855

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Title of Invention	DATA-DRIVEN PREDICTION-BASED SYSTEM AND METHOD FOR TRAJECTORY PLANNING OF AUTONOMOUS VEHICLES			
Docket Number	TuS-10			
As the below nan	ned inv	ventor, I hereby declare that:	***************************************	
This declaration	$\boxtimes$	The attached patent application, or		
is directed to:		United States patent application or PCT intern	arlama lamalta	ation minitori
			(I hereby authori	ize and reducst any attorney having annronriate
The above-identi	fied ap	plication was made or authorized to be made by	y me.	
I believe that I ar	n the o	riginal inventor or an original joint inventor of	a claimed inve	ention in the application.
I hereby acknowl	ledge t	hat any willful false statement made in this dec more than five (5) years, or both.	laration is pur	nishable under 18 U.S.C. 1001 by fine
Dr., Suite 600, Sa identified United	an Dic <sub>!</sub> States	JSIMPLE (hereinafter referred to as "ASSIGNE go, CA 92122, desires to acquire the entire rig patent application;	bt, title and in	sterest in said invention and the above-
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 own name and t	assign he righ	n to the ASSIGNEE the right to file patent applet to claim priority to the above-identified Union and any other relevant treaties;	ications in for	reign countries on said invention in its
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;			e of my entire right, title and interest in	
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.			s, execute all divisional, continuation, tions, execute all necessary assignment aths, and, perform all lawful acts to aid	
LEGAL NAME (	OP INV	VENTOR		
Inventor: Z	Zijie X	(UAN	Date:	2017.09.0l
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#### INVENTIVE PATENT LAW P.C.

Signature:

2280 East Bidwell St. #214, Folsom, CA 95630 US (408) 406-4855

Title of Invention	DATA-DRIVEN PREDICTION-BASED SYSTEM AND METHOD FOR TRAJECTORY PLANNING OF AUTONOMOUS VEHICLES		
Docket Number	TuS-10		
As the below nan	ed 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		
The above-identif	îed application was made or authorized to be made by me.		
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.		
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years, or both.		
Dr., Suite 600, Sa	AS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre in Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the above-States patent application;		
acknowledged, I identified United and reissues, reex applications filed applications, and I hereby own name and the	HEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-States patent application and in all divisions, continuations and continuations-in-part of said application, aminations, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent in countries foreign to the United States ("foreign countries") and corresponding international patent in all Letters Patents issuing on any such patent applications in the United States and foreign countries; assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ne right to claim priority to the above-identified United States patent application under the terms of the evention 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: Y	rufei ZHAO Date: Sept. 07, 2017		
Signature:	mod 2		

#### INVENTIVE PATENT LAW P.C.

Signature:

2280 East Bidwell St. #214, Folsom, CA 95630 US (408) 406-4855

# Certificate of Amendment of Articles of Incorporation of TuSimple

Pursuant to applicable California law and the bylaws of this corporation, an action by unanimous written consent of the shareholders of this corporation was adopted and approved on April \_\_\_\_\_\_, 2019.

Pursuant to such action by unanimous written consent, holders of 100% of the issued and outstanding shares of the corporation entitled to vote did approve and adopt the following amendments to certain articles in the Articles of Incorporation of this corporation:

1. Article I of the Articles of Incorporation is hereby amended and restated to read as follows:

#### ARTICLE I NAME

The name of this corporation is TuSimple, Inc.

Except as set forth above, no other provisions in the Articles of incorporation are amended or changed.

The undersigned, Cheng Lu, certifies that he is the duly elected secretary of this corporation and that the above is a true and correct copy of the Amendment to the Articles of Incorporation, duly adopted by unanimous written consent of holders of all of the issued and outstanding shares of the corporation on April 12, 2019.

Dated: April 12, 2019

Signature of Secretary of Corporation

Cheng Ly
Printed Name of Secretary of Corporation

#### ACTION BY UNANIMOUS WRITTEN CONSENT OF THE SOLE SHAREHOLDER OF TUSIMPLE, A CALIFORNIA CORPORATION

WHEREAS, the undersigned sole shareholder of TuSimple, a California corporation, desires to authorize the following actions pursuant to this Unanimous Written Consent.

NOW, THEREFORE, BE IT RESOLVED that, pursuant to applicable law and the corporation's bylaws, the undersigned sole shareholder adopts and approves the following resolutions:

RESOLVED that the Articles of Incorporation shall be amended to change the name of the corporation to TuSimple, inc.

RESOLVED FURTHER that the Articles of Incorporation shall be amended to change the corporation's registered agent for service of process to Corporation Service Company dba CSC-Lawyers Incorporating Service, 2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505; and

RESOLVED FURTHER that the Articles of Incorporation shall be amended to change the principal business and mailing address of the corporation to 9191 Towne Centre Drive, Suite 600, San Diego, CA 92122.

The officers of this corporation be, and each individually is, hereby authorized and directed to do and perform any and all such acts, including execution and filing of any and all documents and certificates, as said officers shall deem necessary or advisable, to carry out the purposes of the foregoing resolutions.

Date: March 27, 2019

TUSIMPLE (CAYMAN) LIMITED

By: Mo Chen

Title: Director

NCTO.

3970736

Certificate of Amendment

Of Articles of Incorporation

Secretary of State
State of California

, APR 1 2 2019



The undersigned certify that:

- 1. They are the **president** and the **secretary**, respectively, of TuSimple, a California corporation.
- 2. Article I of the Articles of Incorporation of this corporation is amended to read as follows:

#### ARTICLE 1 NAME

The name of this corporation is TuSimple, Inc.

- 3. The foregoing amendment of Articles of Incorporation has been duly approved by the board of directors.
- 4. The foregoing amendment of Articles of Incorporation has been duly approved by the required vote of shareholders in accordance with Section 902. California Corporations Code. The total number of outstanding shares of the corporation is \_\_\_\_1\_\_. The number of shares voting in favor of the amendment equaled or exceeded the vote required. The percentage vote required was more than 50%.

We further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

DATE: April 12, 201

Xiaodi Hou, President

Cheng Lu, Secretary

#### Certificate of Amendment

#### Of Articles of Incorporation

The undersigned certify that:

- They are the president and the secretary, respectively, of TuSimple, a California corporation.
- 2. Article 1 of the Articles of Incorporation of this corporation is amended to read as follows:

## ARTICLE I

The name of this corporation is TuSimple, Inc.

- The foregoing amendment of Articles of Incorporation has been duly approved by the board of directors.

We further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

DATE April 12,2019

Xiaodi Hou, President

Cheng Lu, Secretary

APR 2 2 2019

Date:

ALEX PADALIA, Secretary of State

PATENT REEL: 052396 FRAME: 0925

**RECORDED: 04/14/2020**