

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7861790

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YU-JU HSU	10/18/2019
XIAOLING HAN	10/18/2019
JAY DAY	10/21/2019
JEFFREY RENN	10/21/2019
BRET VANATTA	10/18/2019
RECEIVING PARTY DATA	
Name:	TUSIMPLE, INC.
Street Address:	9191 TOWNE CENTRE DRIVE
Internal Address:	SUITE 600
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92122
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18188550
CORRESPONDENCE DATA	
Fax Number:	(206)359-9000
<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:	(206) 359-8000
Email:	mcopp@perkinscoie.com
Correspondent Name:	PERKINS COIE LLP / VINAY SATHE
Address Line 1:	P.O. BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	128000-8089US02_2019045
NAME OF SUBMITTER:	MICHAIAH COPP
SIGNATURE:	/Michaiah Copp/
DATE SIGNED:	03/23/2023
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 15

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): TUSIMPLE, INC.

Inventor(s):

YU-JU HSU et al.

Application No.: 16/661,170

Confirmation No.: 1387

Filing Date: Herewith

Title: LIGHTING CONTROL FOR AUTONOMOUS
VEHICLES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, Yu-Ju HSU, of Tucson, Arizona, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

LIGHTING CONTROL FOR AUTONOMOUS VEHICLES

which is attached hereto and identified as Attorney Docket No. 128000-8089.US00.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Xiaoling HAN, of San Diego, California; and

Jay DAY, of Tucson, Arizona; and

Jeffrey REN, of Tucson, Arizona; and

Bret VANATTA, of Tucson, Arizona.

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

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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

ASSIGNMENT

I hereby assign to TUSIMPLE, INC., a corporation of CALIFORNIA, having a place of business at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled *LIGHTING CONTROL FOR AUTONOMOUS VEHICLES*, filed on October 23, 2019, and assigned U.S. Application Number 16/661,170.
authorize and request an attorney appointed in said application to hereafter insert above the filing date and application number of said application when known.

This assignment includes the entire right, title and interest in said application(s), all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said application(s) and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

Inventor : YU-JU HSU et al.
Appl. No. : 16/661,170
Filed : HERewith
Page : 3 of 3

Docket No. 128000-8089.US00

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: YU-JU HSU

Inventor's signature: 
YU-JU HSU (Oct 18, 2019)

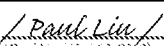
Date: Oct 18, 2019

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: TUSIMPLE, INC.

Authorized officer's legal name: PAUL LIU

Authorized officer's title: Head of Intellectual Property

Authorized officer's signature: 
Paul Liu (Oct 18, 2019)

Date: Oct 18, 2019

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): TUSIMPLE, INC.

Inventor(s):

YU-JU HSU et al.

Application No.: 16/661,170

Confirmation No.: 1387

Filing Date: Herewith

Title: LIGHTING CONTROL FOR AUTONOMOUS
VEHICLES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, Xiaoling HAN, of San Diego, California, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

LIGHTING CONTROL FOR AUTONOMOUS VEHICLES

which is attached hereto and identified as Attorney Docket No. 128000-8089.US00.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Yu-Ju HSU, of Tucson, Arizona; and
Jay DAY, of Tucson, Arizona; and
Jeffrey REN, of Tucson, Arizona; and
Bret VANATTA, of Tucson, Arizona.

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

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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

ASSIGNMENT

I hereby assign to TUSIMPLE, INC., a corporation of CALIFORNIA, having a place of business at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled *LIGHTING CONTROL FOR AUTONOMOUS VEHICLES*, filed on October 23, 2019, and assigned U.S. Application Number 16/661,170.
authorize and request an attorney appointed in said application to hereafter insert above the filing date and application number of said application when known.

This assignment includes the entire right, title and interest in said application(s), all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said application(s) and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

Inventor : YU-JU HSU et al.
Appl. No. : 16/661,170
Filed : HEREWITH
Page : 3 of 3

Docket No. 128000-8089.US00

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: XIAOLING HAN

Inventor's signature: *Xiaoling Han*
(Xiaoling Han) (Oct 18, 2019)

Date: Oct 18, 2019

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: TUSIMPLE, INC.

Authorized officer's legal name: PAUL LIU

Authorized officer's title: Head of Intellectual Property

Authorized officer's signature: *Paul Liu*
(Paul Liu) (Oct 18, 2019)

Date: Oct 18, 2019

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): TUSIMPLE, INC.

Inventor(s):

YU-JU HSU et al.

Application No.: 16/661,170

Confirmation No.: 1387

Filing Date: Herewith

Title: LIGHTING CONTROL FOR AUTONOMOUS
VEHICLES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, Jay DAY, of Tucson, Arizona, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

LIGHTING CONTROL FOR AUTONOMOUS VEHICLES

which is attached hereto and identified as Attorney Docket No. 128000-8089.US00.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Xiaoling HAN, of San Diego, California; and
Yu-Ju HSU, of Tucson, Arizona; and
Jeffrey REN, of Tucson, Arizona; and
Bret VANATTA, of Tucson, Arizona.

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

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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

ASSIGNMENT

I hereby assign to TUSIMPLE, INC., a corporation of CALIFORNIA, having a place of business at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled *LIGHTING CONTROL FOR AUTONOMOUS VEHICLES*, filed on October 23, 2019 and assigned U.S. Application Number 16/661,170.
authorize and request an attorney appointed in said application to hereafter insert above the filing date and application number of said application when known.

This assignment includes the entire right, title and interest in said application(s), all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said application(s) and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: JAY DAY

Inventor's signature: *Jay Day*
[Jay Day] (Oct 21, 2019)

Date: Oct 21, 2019

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: TUSIMPLE, INC.

Authorized officer's legal name: PAUL LIU

Authorized officer's title: Head of Intellectual Property

Authorized officer's signature: *Paul Liu*
[Paul Liu] (Oct 21, 2019)

Date: Oct 21, 2019

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): TUSIMPLE, INC.

Inventor(s):

YU-JU HSU et al.

Application No.: 16/661,170

Confirmation No.: 1387

Filing Date: Herewith

Title: LIGHTING CONTROL FOR AUTONOMOUS
VEHICLES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, Jeffrey RENN, of Tucson, Arizona, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

LIGHTING CONTROL FOR AUTONOMOUS VEHICLES

which is attached hereto and identified as Attorney Docket No. 128000-8089.US00.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Xiaoling HAN, of San Diego, California; and

Jay DAY, of Tucson, Arizona; and

Yu-Ju HSU, of Tucson, Arizona; and

Bret VANATTA, of Tucson, Arizona.

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

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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

ASSIGNMENT

I hereby assign to TUSIMPLE, INC., a corporation of CALIFORNIA, having a place of business at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled *LIGHTING CONTROL FOR AUTONOMOUS VEHICLES*, filed on October 23, 2019, and assigned U.S. Application Number 16/661,170.
authorize and request an attorney appointed in said application to hereafter insert above the filing date and application number of said application when known.

This assignment includes the entire right, title and interest in said application(s), all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said application(s) and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

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Inventor : YU-JU HSU et al.
Appl. No. : 16/661,170
Filed : HERewith
Page : 3 of 3

Docket No. 128000-8089.US00

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: JEFFREY RENN

Inventor's signature: *Jeffrey Renn*
Jeffrey Renn Oct 21, 2019

Date: Oct 21, 2019

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: TUSIMPLE, INC.

Authorized officer's legal name: PAUL LIU

Authorized officer's title: Head of Intellectual Property

Authorized officer's signature: *Paul Liu*
Paul Liu Oct 21, 2019

Date: Oct 21, 2019

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Applicant(s): TUSIMPLE, INC.

Inventor(s):

YU-JU HSU et al.

Application No.: 16/661,170

Confirmation No.: 1387

Filing Date: Herewith

Title: LIGHTING CONTROL FOR AUTONOMOUS
VEHICLES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

I, Bret VANATTA, of Tucson, Arizona, hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

LIGHTING CONTROL FOR AUTONOMOUS VEHICLES

which is attached hereto and identified as Attorney Docket No. 128000-8089.US00.

I believe the following persons are original joint inventors of the above-identified patent application(s):

Xiaoling HAN, of San Diego, California; and

Jay DAY, of Tucson, Arizona; and

Jeffrey RENN, of Tucson, Arizona; and

Yu-Ju HSU, of Tucson, Arizona.

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I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: BRET VANATTA

Inventor's signature: 
Bret Vanatta (Oct 18, 2019)

Date: Oct 18, 2019

The Assignee hereby acknowledges the assignment. The undersigned is authorized to act on behalf of the Assignee.

Assignee: TUSIMPLE, INC.

Authorized officer's legal name: PAUL LIU

Authorized officer's title: Head of Intellectual Property

Authorized officer's signature: 
Paul Liu (Oct 18, 2019)

Date: Oct 18, 2019

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