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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Emily Bartel	05/18/2017
Xiaodong Zhang	05/17/2017
Molly Nix	05/17/2017
Matthew Sweeney	06/06/2017
Brett Bavar	05/18/2017
Bryan Nagy	07/07/2017

RECEIVING PARTY DATA

Company Name:	Uber Technologies, Inc.	
Street Address:	1455 Market Street 4th Floor	
City:	San Francisco	
State/Country:	CALIFORNIA	
Postal Code:	94103	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16437881

CORRESPONDENCE DATA

Fax Number: 8642337342

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.

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Correspondent Name: Madeline Abdo

c/o Dority & Manning, P.A. Address Line 1:

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ATTORNEY DOCKET NUMBER:	AURAT-450-CON
NAME OF SUBMITTER:	Madeline Abdo
SIGNATURE:	Madeline Abdo
DATE SIGNED:	03/29/2024

Total Attachments: 12 source=AURAT-450-CON_Assignment_Inventors-Uber#page1.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page2.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page3.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page4.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page5.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page6.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page7.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page8.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page9.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page10.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page11.tif source=AURAT-450-CON_Assignment_Inventors-Uber#page11.tif

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Brett Bavar, the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application ("Patent Application"),

HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 6, 2017 ("Effective Date"), and having Application No. 15/450,268 ("Patent Application"),

hereby sell, assign, and transfer to **Uber Technologies, Inc.**, a Corporation having a principal place of business at **1455 Market St.**, **4th Floor**, **San Francisco**, **CA 94103**, ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continuation applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

By execution of this Assignment, I agree that the Assignee possesses, and has possessed as of the Effective Date, the right to apply for and receive a patent or patents for said improvements in its own name. At the request of the Assignee, its successors, assigns, and legal representatives, when to carry out in good faith the intent and purpose of this Assignment, I will execute additional assignments, rightful oaths, powers of attorney, and other papers and writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and I will render all necessary assistance in making application for and obtaining all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on the Improvements; execute all as may be required. I further agree to communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the Improvements, the Patent Application, and the history thereof. I agree to generally assist the Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for the Improvements and for vesting title to the Improvements, and all applications for patents and all patents on the Improvements, in said Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me at any time, and that the full right to convey the Patent Application and the Improvements, and to claim priority to the Patent Application, as herein expressed, is and has been possessed by me up until the Effective Date.

I hereby grant to <u>Van Mahamedi (Reg. No. 42,828)</u>, of Mahamedi IP Law LLP, located <u>1901 S. Bascom Ave.</u>, <u>Suite 600</u>, <u>Campbell</u>, <u>California 95008</u>, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Inventor/Assignor: Please Sign and Date Below:

Signature: Brett Bavar (May 18, 2017)

Brett Bavar

Date:___05/18/2017

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Emily Bartel, the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application ("Patent Application"),

HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 6, 2017 ("Effective Date"), and having Application No. 15/450,268 ("Patent Application"),

hereby sell, assign, and transfer to **Uber Technologies, Inc.**, a Corporation having a principal place of business at **1455 Market St.**, **4th Floor, San Francisco, CA 94103**, ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continuation applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

By execution of this Assignment, I agree that the Assignee possesses, and has possessed as of the Effective Date, the right to apply for and receive a patent or patents for said improvements in its own name. At the request of the Assignee, its successors, assigns, and legal representatives, when to carry out in good faith the intent and purpose of this Assignment, I will execute additional assignments, rightful oaths, powers of attorney, and other papers and writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and I will render all necessary assistance in making application for and obtaining all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on the Improvements; execute all as may be required. I further agree to communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the Improvements, the Patent Application, and the history thereof. I agree to generally assist the Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for the Improvements and for vesting title to the Improvements, and all applications for patents and all patents on the Improvements, in said Assignee, its successors, assigns, and legal representatives.

I covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me at any time, and that the full right to convey the Patent Application and the Improvements, and to claim priority to the Patent Application, as herein expressed, is and has been possessed by me up until the Effective Date.

I hereby grant to <u>Van Mahamedi (Reg. No. 42,828)</u>, of Mahamedi IP Law LLP, located <u>1901 S. Bascom Ave.</u>, <u>Suite 600</u>, <u>Campbell</u>, <u>California 95008</u>, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Inventor/Assignor: Please Sign and Date Below:

Emily Barrel
Signature: Emily Bartel (May 18, 2017)

Emily Bartel

_{Date:}_5/18/2017

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Xiaodong Zhang, the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application ("Patent Application"),

HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 6, 2017 ("Effective Date"), and having Application No. 15/450,268 ("Patent Application"),

hereby sell, assign, and transfer to **Uber Technologies, Inc.**, a Corporation having a principal place of business at **1455 Market St.**, **4th Floor, San Francisco, CA 94103**, ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

By execution of this Assignment, I agree that the Assignee possesses, and has possessed as of the Effective Date, the right to apply for and receive a patent or patents for said improvements in its own name. At the request of the Assignee, its successors, assigns, and legal representatives, when to carry out in good faith the intent and purpose of this Assignment, I will execute additional assignments, rightful oaths, powers of attorney, and other papers and writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and I will render all necessary assistance in making application for and obtaining all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on the Improvements; execute all as may be required. I further agree to communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the Improvements, the Patent Application, and the history thereof. I agree to generally assist the Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for the Improvements and for vesting title to the Improvements, and all applications for patents and all patents on the Improvements, in said Assignee, its successors, assigns, and legal representatives.

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Inventor/Assignor: Please Sign and Date Below:

Xiaodong Zhang Signature: Xiaodong Zhang (May 17, 2017)

Xiaodong Zhang

Date: 05/17/2017

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Molly Nix, the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application ("Patent Application"),

HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 6, 2017 ("Effective Date"), and having Application No. 15/450,268 ("Patent Application"),

hereby sell, assign, and transfer to **Uber Technologies, Inc.**, a Corporation having a principal place of business at **1455 Market St.**, **4th Floor, San Francisco, CA 94103**, ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continuation applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

By execution of this Assignment, I agree that the Assignee possesses, and has possessed as of the Effective Date, the right to apply for and receive a patent or patents for said improvements in its own name. At the request of the Assignee, its successors, assigns, and legal representatives, when to carry out in good faith the intent and purpose of this Assignment, I will execute additional assignments, rightful oaths, powers of attorney, and other papers and writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and I will render all necessary assistance in making application for and obtaining all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on the Improvements; execute all as may be required. I further agree to communicate to the Assignee, its successors, assigns, and representatives, all facts known to me relating to the Improvements, the Patent Application, and the history thereof. I agree to generally assist the Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for the Improvements and for vesting title to the Improvements, and all applications for patents and all patents on the Improvements, in said Assignee, its successors, assigns, and legal representatives.

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Inventor/Assignor: Please Sign and Date Below:

Signature: Molly Nix (May 17, 2017)

Molly Nix

Date:__

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Matthew Sweeney, the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application ("Patent Application"),

HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 6, 2017 ("Effective Date"), and having Application No. 15/450,268 ("Patent Application"),

hereby sell, assign, and transfer to Uber Technologies, Inc., a Corporation having a principal place of business at 1455 Market St., 4th Floor, San Francisco, CA 94103, ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continuation applications, continuation applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

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I hereby grant to <u>Van Mahamedi (Reg. No. 42,828)</u>, of Mahamedi IP Law LLP, located <u>1901 S. Bascom Ave.</u>, <u>Suite 600</u>, <u>Campbell</u>, <u>California 95008</u>, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Inventor/Assignor: Please Sign and Date Below:

Signature:_

Matthew Sweeney

Date: 1 Vn 6 2017

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Bryan Nagy, the undersigned Assignor, believing to be an inventor of any and all new and useful improvements ("Improvements") disclosed in the below-listed patent application ("Patent Application"),

HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 6, 2017 ("Effective Date"), and having Application No. 15/450,268 ("Patent Application"),

hereby sell, assign, and transfer to **Uber Technologies, Inc.**, a Corporation having a principal place of business at **1455 Market St.**, **4th Floor**, **San Francisco**, **CA 94103**, ("Assignee"), and its successors, assigns, and legal representatives, as of the Effective Date, my entire right, title, and interest for the United States and all foreign countries, in and to the Improvements, and to any and all follow-on applications, whether filed domestically or internationally, that claim priority to the Patent Application or otherwise describe the Improvements, including but not limited to all divisional applications, continuation applications, continuation applications, renewal applications, reissue applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and any and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on the Improvements; and in and to all rights of priority resulting from the filing of the Patent Application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

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I hereby grant to Van Mahamedi (Reg. No. 42,828), of Mahamedi IP Law LLP, located 1901 S. Bascom Ave., Suite 600, Campbell, California 95008, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Inventor/Assignor: Please Sign and Date Below:

<u>Bryan Nagy</u>

Bryan Nagy

7/7/2017