505675219 09/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5722026

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| ALEX CASTRO | 06/18/2018 |
| SEAN CHIN | 06/14/2018 |
| ERIC HANSON | 06/14/2018 |
| DENNIS ZHAO | 06/14/2018 |
| SCOTT POEPPEL | 06/19/2018 |
| MOLLY NIX | 09/13/2019 |

RECEIVING PARTY DATA

| 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: | 15918043 |

CORRESPONDENCE DATA

Fax Number: (864)233-7342

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.

Email: USDOCKETING@DORITY-MANNING.COM,

jchapman@dority-manning.com

Correspondent Name: DORITY & MANNING, P.A. AND UBER TECHNOLOGIES, INC.

Address Line 1: PO BOX 1449

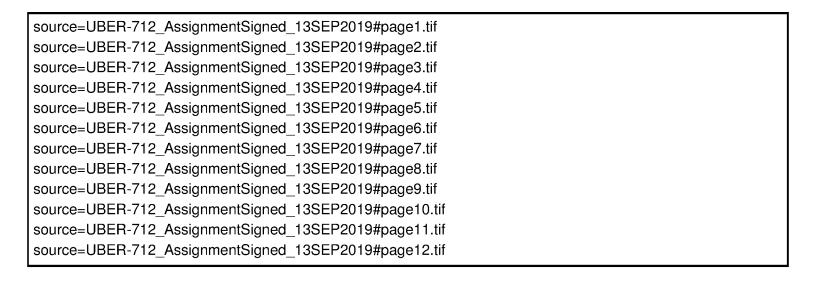
Address Line 4: GREENVILLE, SOUTH CAROLINA 29602

| ATTORNEY DOCKET NUMBER: | UBER-712 | |
|-------------------------|-----------------------------|--|
| NAME OF SUBMITTER: | AARON J. STONEHOCKER | |
| SIGNATURE: | /Aaron J. Stonehocker/ | |
| DATE SIGNED: | E SIGNED: 09/17/2019 | |

Total Attachments: 12

PATENT REEL: 050397 FRAME: 0233

505675219



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I Alex Castro, 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"),

<u>REMOTE ASSIST FEEDBACK SYSTEM FOR AUTONOMOUS VEHICLES</u>, filed in the United States Patent and Trademark Office on March 12, 2018 ("Effective Date"), and having Application No. 15/918,043 ("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 Van Mahamedi (Reg. No. 42,828), of Mahamedi IP Law LLP, located 910 Campisi Way, Suite 1E, 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: | |
|--|--------------------|
| Alex Castro | 6/18/2018 Date: |
| Signature: | Daw. |

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I Sean Chin, 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"),

REMOTE ASSIST FEEDBACK SYSTEM FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 12, 2018 ("Effective Date"), and having Application No. 15/918,043 ("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.

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 Van Mahamedi (Reg. No. 42,828), of Mahamedi IP Law LLP, located 910 Campisi Way, Suite 1E, 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: | |
|--|--------------------|
| Scan Uûn Signature: | 6/14/2018 Date: |
| Sean Chin | |

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I Eric Hanson, 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"),

REMOTE ASSIST FEEDBACK SYSTEM FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 12, 2018 ("Effective Date"), and having Application No. 15/918,043 ("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, 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.

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.

Thereby grant to Van Mahamedi (Reg. No. 42,828), of Mahamedi IP Law LLP, located 910 Campisi Way, Suite 1E, 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: | |
|--------------------|-----------------------------|-------------------|
| | 8 | in a constitution |
| Eric | Hanson | 6/14/2018 |
| Signature: | | Date: |
| Eric Han | isuii | |

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I **Dennis Zhao**, 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"),

REMOTE ASSIST FEEDBACK SYSTEM FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 12, 2018 ("Effective Date"), and having Application No. 15/918,043 ("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.

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 Van Mahamedi (Reg. No. 42,828), of Mahamedi IP Law LLP, located 910 Campisi Way, Suite 1E, 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 | 7: |
|---|--------------------|
| Dunnis Glao Signature: | 6/14/2018 Date: |
| Dennis Zhao | • |

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I **Scott Poeppel**, 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"),

REMOTE ASSIST FEEDBACK SYSTEM FOR AUTONOMOUS VEHICLES, filed in the United States Patent and Trademark Office on March 12, 2018 ("Effective Date"), and having Application No. 15/918,043 ("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>910 Campisi Way, Suite 1E, Campbell, 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 <u>and Date</u> Below: | | |
|--------------------|------------------------------------|--------------------|--|
| Swlt Signature: | Porppel | 6/19/2018 Date: | |
| Scott Por | ppel | | |

ATTORNEY DOCKET NUMBER: UBER-712

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, I, Moly Nix, a citizen of the United States, residing in San Francisco, California, as Assignor, have made an invention entitled

(the "Invention") as described in a patent application (the "Application"), the specification of which: □ is attached hereto. □ was filed on March 12, 2018 as U.S. Application Serial No. 15/918,043. □ was filed on _____ as PCT Application Serial No. ______.

"REMOTE ASSIST FEEDBACK SYSTEM FOR AUTONOMOUS VEHICLES"

WHEREAS, Uber Technologies, Inc., 1455 Market Street, 4th Floor, San Francisco, California 94103, as Assignee, is desirous of receiving and securing the entire right, title and interest in and to the Invention and the Application in all countries throughout the world, and in and to any Letters Patent or similar rights for the Invention or to be issued upon the Application in all countries throughout the world, any application for Letters Patent or similar rights for the Invention or claiming priority to the Application in all countries throughout the world, and any Letters Patent or similar rights to be issued claiming priority to the Application in all countries throughout the world;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have assigned, transferred, conveyed, and set over, and do hereby assign, transfer, convey, and set over unto Assignee, its lawful successors and assigns, my entire right, title, and interest in and to the Invention and the Application now existing and in the future, all divisions, continuations, continuations-in-part, national-stage applications thereof, any and all applications for Letters Patent or similar rights which may hereafter be filed for the Invention or claim priority to the Application in the United States or any other country, and all Letters Patent or similar rights which may be granted on any of the foregoing in the United States or any other country, and all extensions, renewals, reissues, and re-examination applications of any of the foregoing, and all rights to claim priority on the basis of any of the foregoing applications, and any and all causes of action, claims, and demands and other rights for, or arising from, any infringement, breaches, or misappropriation, including past infringements, breaches, and misappropriations of any of the foregoing throughout the world, the right to take actions related to the rights and to assert any and all causes of action

Page 1 of 2

ATTORNEY DOCKET NUMBER: UBER-712

related to any of the foregoing throughout the world, including those accrued in Assignor's favor for infringement and misappropriation, and the right to recover and have past, present, and future damages and profits for infringement and misappropriation, in all countries, territories and possessions throughout the world and throughout the universe in accordance with the laws thereof, to the full extent of such rights, and I hereby authorize and request the Commissioner for Patents of the United States and any official of any other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or similar rights for the Invention or the Application to Assignee, its successors and assigns, in accordance with the terms of this Assignment, and I hereby authorize the assignee, its successors and assigns, and the attorney(s) of record in applications as described above to modify this Assignment, subsequent to its execution, to more specifically identify the applications as described above.

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed, and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting the Invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the Invention in said Assignee, its successors and assigns, execute all divisional, continuation, reissue applications, and re-examination applications, and any applications claiming priority to the Application, and make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent and any other protection for the Invention in the United States and any other country, it being understood that any expense incident to the execution of such papers shall be borne by Assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignor has executed this document on the date indicated below.

| DocuSigned by: | | |
|-----------------|-----------|-----------|
| mola-fr | \sim | 9/13/2019 |
| 2BF78839F9E2461 | Molly Nix | Date |