

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6116823

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	UBER TECHNOLOGIES, INC.	07/01/2019
RECEIVING PARTY DATA		
Name:	UATC, LLC	
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:	16592459
CORRESPONDENCE DATA		
Fax Number:	(864)233-7342	
<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>		
Email:	USDOCKETING@DORITY-MANNING.COM, jchapman@dority-manning.com	
Correspondent Name:	DORITY & MANNING, P.A. AND UATC, LLC	
Address Line 1:	PO BOX 1449	
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602	
ATTORNEY DOCKET NUMBER:	UBER-89-CON2	
NAME OF SUBMITTER:	ERIK K. SIVERTSON	
SIGNATURE:	/Erik K. Sivertson/	
DATE SIGNED:	05/21/2020	
Total Attachments: 14		
source=MIP-_UTI-UATC_Assignment#page1.tif		
source=MIP-_UTI-UATC_Assignment#page2.tif		
source=MIP-_UTI-UATC_Assignment#page3.tif		
source=MIP-_UTI-UATC_Assignment#page4.tif		
source=MIP-_UTI-UATC_Assignment#page5.tif		
source=MIP-_UTI-UATC_Assignment#page6.tif		

source=MIP-_UTI-UATC_Assignment#page7.tif
source=MIP-_UTI-UATC_Assignment#page8.tif
source=MIP-_UTI-UATC_Assignment#page9.tif
source=MIP-_UTI-UATC_Assignment#page10.tif
source=MIP-_UTI-UATC_Assignment#page11.tif
source=MIP-_UTI-UATC_Assignment#page12.tif
source=MIP-_UTI-UATC_Assignment#page13.tif
source=MIP-_UTI-UATC_Assignment#page14.tif

PATENT ASSIGNMENT

This Patent Assignment (this "*Assignment*"), dated and effective as of July 1, 2019 (the "*Effective Date*"), is entered into by and among Uber Technologies, Inc., a Delaware corporation ("*Uber*"), Auto Horizon, LLC, a Delaware limited liability company ("*Auto Horizon*"), and UATC, LLC, a Delaware limited liability company ("*UATC*"). Uber, Auto Horizon and UATC are sometimes referred to herein individually as a "*Party*" and collectively as the "*Parties*."

WHEREAS, prior to the Effective Date, Uber, Rennpferd, LLC, a Delaware limited liability company and the sole Auto Horizon equity holder ("*Rennpferd*") and Auto Horizon entered into that certain Patent Distribution Agreement, dated as of June 29, 2019 (the "*Distribution Agreement*"), pursuant to which Auto Horizon distributed, transferred and assigned all right, title and interest in and to the patents and patent applications listed on the attached Exhibit A (the "*AH Patents*") owned by Auto Horizon to Rennpferd, and then Rennpferd immediately distributed, transferred and assigned all right, title and interest in and to the AH Patents to Uber (the "*AH Transfer*");

WHEREAS, prior to the Effective Date but following the completion of the AH Transfer, Uber, certain of Uber's subsidiaries and UATC entered into that certain Business Asset Contribution Agreement, dated as of June 30, 2019 (the "*Contribution Agreement*"), pursuant to which, among other things, Uber contributed, transferred and assigned to UATC all of Uber's right, title and interest in and to (i) the AH Patents and (ii) the patents and patent applications listed on the attached Exhibit B (the "*UTI Patents*"), and, together with the AH Patents, the "*Transferred Patents*").

NOW THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, Auto Horizon (on behalf of Uber as the registered owner of the AH Patents) and Uber (collectively, the "*Registered Patent Holders*") hereby assign and transfer to UATC all right, title and interest in and to the Transferred Patents owned by the Registered Patent Holders including in and to any and all divisionals, continuations, continuations-in-part, substitutes, reexaminations, renewals, reissues and patents which have or which may be filed thereon or may be granted therefor, including any and all counterparts worldwide, including all right, title and interest in and to all income, royalties, damages and payments now or hereafter due or payable with respect to the Transferred Patents, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the Transferred Patents.


Each of the Registered Patent Holders agree that if requested by UATC, without charge to either of them but at the cost and expense of UATC, each of the Registered Patent Holders will perform any reasonable action which may be necessary to secure and to vest in UATC the full and entire right, title and interest in, to and under the Transferred Patents, including promptly communicating and providing any and all known and accessible facts, data or any other pertinent information thereof and promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits and other legal instruments.

The Registered Patent Holders authorize and request any official of any country or countries, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to UATC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

[Counterpart Signature Pages Follow]

IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be signed by a duly authorized representative to be effective as of July 1, 2019.

UBER TECHNOLOGIES, INC.

By 
Name: Francois Chadwick
Title: VP, Tax & Accounting

Please see attached

State of _____)
County of _____) ss.

On _____, before me, _____, Notary Public, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: _____

Signature Page to Patent Assignment

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Francisco

On 7/1/2019 before me, James Wiley Molito, Notary Public
(insert name and title of the officer)

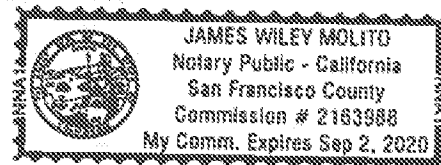
personally appeared Francois Chadwick
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]

(Seal)



PATENT

REEL: 052024 FRAME: 0600

IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be signed by a duly authorized representative to be effective as of July 1, 2019.

AUTO HORIZON, LLC

By: 
Name: Francois Chadwick
Title: Manager

*Please
ref
attach*

State of _____)	
County of _____)	ss.
On _____, before me, _____, Notary Public, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	
WITNESS my hand and official seal.	
_____ Signature of Notary Public	Place Notary Seal Above
My Commission Expires: _____	

Signature Page to Patent Assignment

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Francisco

On 7/1/2019 before me, James Wiley Molito, Notary Public
(insert name and title of the officer)

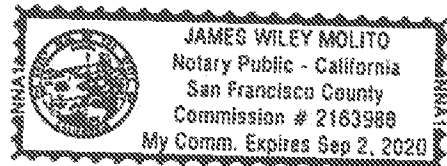
personally appeared Francis Chadwick
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Seal)



PATENT

REEL: 052024 FRAME: 0602

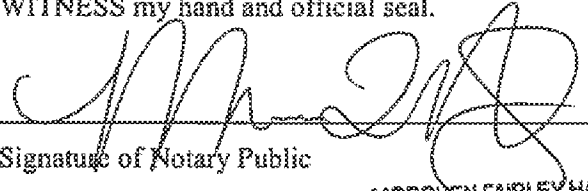
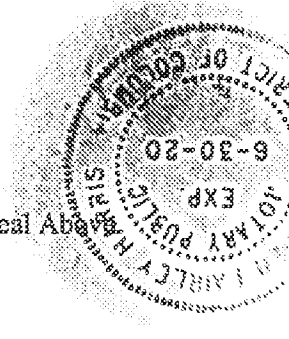
IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be signed by a duly authorized representative to be effective as of July 1, 2019.

UATC LLC

By: 

Name: Keir Gumbos

Title: Manager

State of _____	} District of Columbia
County of _____	} ss.
On <u>July 2nd, 2019</u> , before me, <u>Morghen Harris</u> , Notary Public,	
personally appeared <u>Keir Gumbos</u> , personally known to me or	
proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed	
to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their	
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the	
entity upon behalf of which the person(s) acted, executed the instrument.	
WITNESS my hand and official seal.	
	
Signature of Notary Public	
My Commission Expires: _____	Place Notary Seal Above

Signature Page to Patent Assignment

Exhibit B

UTI Patents

PATENT

REEL: 052084 FRAME: 0604

Title	Filing Date	Application Number	Publication Number	Publication Date	Issue Date	Country Code	Country Name
LIDAR SCANNER	3/14/2013	13/826,155	20140268098	9/18/2014	10/18/2016	US	United States
LIDAR SCANNER	9/14/2016	15/265,533	20170067985	3/9/2017		US	United States
LIDAR SCANNER CALIBRATION	5/13/2016	15/036,768	20160306032	10/20/2016	9/26/2017	US	United States
LIDAR SCANNER CALIBRATION	6/20/2017	15/627,700	20170307738	10/26/2017	5/15/2018	US	United States
LIDAR SCANNER CALIBRATION	11/22/2013	61/907,951				US	United States
MULTI-CLAD FIBER BASED OPTICAL APPARATUS AND METHODS FOR LIGHT DETECTION AND RANGING SENSORS	10/9/2013	14/050,036	20140168631	6/19/2014	11/21/2017	US	United States
MULTI-CLAD FIBER-BASED LIGHT DETECTION AND RANGING SENSOR	11/10/2017	15/809,666	20180088235	3/29/2018	11/13/2018	US	United States
LIGHT DETECTING AND RANGING SENSING APPARATUS AND METHODS	12/16/2013	14/107,739	20140176933	6/26/2014		US	United States
LIGHT DETECTING AND RANGING SENSING APPARATUS AND METHODS	12/18/2012	61/738,646				US	United States
METHOD FOR MAINTAINING ACTIVE CONTROL OF AN AUTONOMOUS VEHICLE	6/15/2016	15/182,989	9582003	2/28/2017	2/28/2017	US	United States
METHOD FOR MAINTAINING ACTIVE CONTROL OF AN AUTONOMOUS VEHICLE	1/18/2017	15/409,160	20170327126	11/16/2017	8/21/2018	US	United States

Title	Filing Date	Application Number	Publication Number	Publication Date	Issue Date	Country Code	Country Name
METHOD FOR MAINTAINING ACTIVE CONTROL OF AN AUTONOMOUS VEHICLE	5/16/2016	62/337,294				US	United States
LIDAR SCANNER WITH OPTICAL AMPLIFICATION	11/7/2016	15/345,120	20180128904	5/10/2018		US	United States
SELECTING VEHICLE TYPE FOR PROVIDING TRANSPORT	5/13/2015	14/711,602	20160334797	11/17/2016	1/17/2017	US	United States
SELECTING VEHICLE TYPE FOR PROVIDING TRANSPORT	12/2/2016	15/367,521	20170083957	3/23/2017	4/10/2018	US	United States
SELECTING VEHICLE TYPE FOR PROVIDING TRANSPORT	12/20/2017	15/849,432	20180114258	4/26/2018	7/31/2018	US	United States
SELECTING VEHICLE TYPE FOR PROVIDING TRANSPORT	12/20/2017	15/849,462	20180114259	4/26/2018	12/25/2018	US	United States
SELECTING VEHICLE TYPE FOR PROVIDING TRANSPORT	7/11/2018	16/032,914	20180322546	11/8/2018		US	United States
PROVIDING REMOTE ASSISTANCE TO AN AUTONOMOUS VEHICLE	5/13/2015	14/711,570	20160334230	11/17/2016		US	United States
METHODS, SYSTEMS, AND APPARATUS FOR MULTI-SENSORY STEREO VISION FOR ROBOTICS	4/21/2016	14/777,427	20160227193	8/4/2016		US	United States
OPTIMIZING COMMUNICATION FOR AUTOMATED VEHICLES	12/8/2015	14/962,847	9603158	3/21/2017	3/21/2017	US	United States
OPTIMIZING COMMUNICATION FOR AUTONOMOUS VEHICLES	1/31/2017	15/420,932	20170164257	6/8/2017	7/10/2018	US	United States

Title	Filing Date	Application Number	Publication Number	Publication Date	Issue Date	Country Code	Country Name
AUTONOMOUS VEHICLE MESH NETWORKING CONFIGURATION COMMUNICATION	12/8/2015	14/962,876	20170164423	6/8/2017	3/26/2019	US	United States
CONFIGURATION SYSTEM FOR A FLEET OF AUTOMATED VEHICLES	12/8/2015	14/962,918	20190138008	5/9/2019	8/30/2016	US	United States
AUTONOMOUS VEHICLE COMMUNICATION							
CONFIGURATION SYSTEM	7/26/2016	15/219,992	20170160742	6/8/2017	8/22/2017	US	United States
AUTONOMOUS VEHICLE COMMUNICATION							
CONFIGURATION SYSTEM	6/8/2017	15/617,213	20170277186	9/28/2017	3/19/2019	US	United States
COMMUNICATION SYSTEM FOR AN AUTONOMOUS VEHICLE							
BACKEND SYSTEM FOR ROUTE PLANNING OF AUTONOMOUS VEHICLES	1/2/2019	16/238,288	20190138008	5/9/2019		US	United States
AUTOMATED VEHICLE COMMUNICATIONS SYSTEM	12/8/2015	14/962,974	9557183	1/31/2017	1/31/2017	US	United States
BACKEND COMMUNICATIONS SYSTEM FOR A FLEET OF AUTONOMOUS VEHICLES	12/8/2015	14/963,007	20170162057	6/8/2017	7/31/2018	US	United States
DYNAMIC LIDAR SENSOR CONTROLLER	12/15/2016	15/379,854	20170168146	6/15/2017		US	United States
ADJUSTABLE BEAM PATTERN FOR LIDAR SENSOR	7/16/2018	16/035,862	20180329067	11/15/2018		US	United States
DYNAMIC LIDAR SENSOR CONTROLLER	12/15/2015	62/267,785				US	United States
PLANAR-BEAM, LIGHT DETECTION AND RANGING SYSTEM	3/1/2017	15/446,953	20170255199	9/7/2017	3/26/2019	US	United States

Title	Filing Date	Application Number	Publication Number	Publication Date	Issue Date	Country Code	Country Name
PLANAR-BEAM, LIGHT DETECTION AND RANGING SYSTEM	1/8/2019	16/242,657	20190146505	5/16/2019		US	United States
PLANAR-BEAM, LIGHT DETECTION AND RANGING SYSTEM	3/3/2016	62/303,013				US	United States
ROAD REGISTRATION	4/26/2016	15/138,935	20170307763	10/26/2017		US	United States
DISPARITY MAPPING FOR AN AUTONOMOUS VEHICLE	6/8/2016	15/176,561	20170359561	12/14/2017		US	United States
DYNAMIC ROUTING FOR SELF-DRIVING VEHICLES	1/23/2017	15/412,303	20180209801	7/26/2018	4/9/2019	US	United States
DYNAMIC ROUTING FOR SELF-DRIVING VEHICLES	2/12/2019	16/274,040	20190257661	8/22/2019		US	United States
TELEASSISTANCE DATA PRIORITIZATION FOR SELF-DRIVING VEHICLES	3/7/2017	15/452,431	20180257643	9/13/2018		US	United States
TELEASSISTANCE DATA PRIORITIZATION FOR SELF-DRIVING VEHICLES	2/8/2019	16/271,558	20190168748	6/6/2019		US	United States
TELEASSISTANCE DATA ENCODING FOR SELF-DRIVING VEHICLES	3/7/2017	15/452,456	20180257661	9/13/2018	2/12/2019	US	United States
HYBRID TRIP PLANNING FOR AUTONOMOUS VEHICLES	3/6/2017	15/450,268	20180061242	3/1/2018		US	United States
HYBRID AUTONOMY ROUTING	8/24/2016	62/379,162				US	United States
NAVIGATIONAL CONSTRAINTS FOR AUTONOMOUS VEHICLES	10/13/2017	15/783,391	20180329428	11/15/2018		US	United States
NAVIGATIONAL CONSTRAINTS FOR AUTONOMOUS VEHICLES	5/9/2017	62/503,798				US	United States

Title	Filing Date	Application Number	Publication Number	Publication Date	Issue Date	Country Code	Country Name
COVERAGE PLAN GENERATION AND IMPLEMENTATION	5/8/2018	15/973,720	20180328745	11/15/2018		US	United States
COVERAGE PLAN GENERATION AND IMPLEMENTATION	5/9/2017	62/503,790				US	United States
MULTI-CHANNEL LIDAR SYSTEM	4/6/2017	62/482,424				US	United States
PREDICTIVE TELEASSISTANCE SYSTEM FOR AUTONOMOUS VEHICLES	4/20/2018	15/959,100	20180281815	10/4/2018		US	United States
PREDICTIVE TELEASSISTANCE SYSTEM FOR AUTONOMOUS VEHICLES	3/31/2017	62/479,465				US	United States
AUTONOMOUS VEHICLE CONTROL SYSTEM IMPLEMENTING TELEASSISTANCE	2/8/2017	15/427,967	20180224850	8/9/2018		US	United States
DESTINATION CHANGES IN AUTONOMOUS VEHICLES	5/9/2017	15/590,194	20180326997	11/15/2018		US	United States
DEPLOYING HUMAN-DRIVEN VEHICLES FOR AUTONOMOUS VEHICLE ROUTING AND LOCALIZATION MAP UPDATING	5/25/2017	15/604,979	20180342165	11/29/2018	1/22/2019	US	United States
DYNAMIC VEHICLE ROUTING USING ANNOTATED MAPS AND PROFILES	11/14/2017	15/812,501	20190146508	5/16/2019		US	United States
AUTONOMOUS VEHICLE ROUTING USING ANNOTATED MAPS	11/14/2017	15/812,606	20190146509	5/16/2019		US	United States

Title	Filing Date	Application Number	Publication Number	Publication Date	Issue Date	Country Code	Country Name
IMU DATA OFFSET COMPENSATION FOR AN AUTONOMOUS VEHICLE	9/25/2018	16/140,897	20190186920	6/20/2019		US	United States
IMU DATA OFFSET COMPENSATION FOR AN AUTONOMOUS VEHICLE	12/15/2017	62/599,220				US	United States
ROAD ANOMALY DETECTION FOR AUTONOMOUS VEHICLE	11/6/2018	16/181,718	20190135283	5/9/2019		US	United States
ROAD ANOMALY DETECTION FOR AUTONOMOUS VEHICLES	11/7/2017	US62/582,503				US	United States
SENSOR ASSEMBLY FOR VEHICLES	1/31/2018	15/885,308	20190235054	8/1/2019		US	United States
COORDINATING TRANSPORT THROUGH A COMMON RENDEZVOUS LOCATION	12/7/2018	16/212,983	20190178656	6/13/2019		US	United States
COORDINATING TRANSPORT THROUGH A COMMON RENDEZVOUS LOCATION	12/8/2017	62/596,519				US	United States

RECORDED: 03/03/2020

REEL: 052084 FRAME: 0610

PATENT

PATENT

REEL: 052721 FRAME: 0337

RECORDED: 05/21/2020