PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5786502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT SUPPLEMENT

CONVEYING PARTY DATA

Name	Execution Date
UBER TECHNOLOGIES, INC.	10/17/2019

RECEIVING PARTY DATA

Name:	CORTLAND CAPITAL MARKET SERVICES LLC
Street Address:	225 W. WASHINGTON STREET, 9TH FLOOR
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

PROPERTY NUMBERS Total: 222

Property Type	Number
Patent Number:	6976092
Patent Number:	7185059
Patent Number:	7933957
Patent Number:	7818375
Application Number:	10368099
Application Number:	10368197
Application Number:	10408514
Patent Number:	7921160
Patent Number:	7444429
Patent Number:	7853668
Patent Number:	8037141
Patent Number:	7941493
Patent Number:	7849220
Patent Number:	RE41848
Patent Number:	7970846
Patent Number:	8224915
Patent Number:	9185060
Patent Number:	10024673
Patent Number:	10129221
Patent Number:	9934625

Property Type	Number
Application Number:	11677546
Application Number:	11961267
Application Number:	12288223
Application Number:	12434006
Application Number:	12625310
Application Number:	13183591
Application Number:	13529118
Application Number:	13595442
Application Number:	13706925
Application Number:	13715070
Application Number:	13909524
Application Number:	13909864
Application Number:	14691524
Application Number:	14873490
Application Number:	14942361
Application Number:	15164390
Application Number:	15202481
Application Number:	15238218
Application Number:	15286553
Application Number:	15292055
Application Number:	15297050
Application Number:	15335364
Application Number:	15350905
Application Number:	15365715
Application Number:	15367139
Application Number:	15368368
Application Number:	15378043
Application Number:	15392010
Application Number:	15393171
Application Number:	15394527
Application Number:	15395341
Application Number:	15395406
Application Number:	15395746
Application Number:	15396445
Application Number:	15421417
Application Number:	15425489
Application Number:	15427440
Patent Number:	10036641

Property Type	Number
Patent Number:	9949088
Patent Number:	9940654
Patent Number:	10032181
Application Number:	15433980
Application Number:	15434929
Application Number:	15436575
Application Number:	15468040
Application Number:	15477021
Application Number:	15477230
Application Number:	15478184
Application Number:	15495686
Application Number:	15498174
Application Number:	15582040
Application Number:	15582228
Application Number:	15583787
Application Number:	15600570
Application Number:	15601507
Application Number:	15606555
Application Number:	15615678
Application Number:	15621959
Application Number:	15630282
Application Number:	15634172
Application Number:	15638216
Application Number:	15650722
Application Number:	15658304
Application Number:	15660947
Patent Number:	10078337
Application Number:	15662407
Application Number:	15671062
Application Number:	15672026
Application Number:	15672043
Application Number:	15672104
Application Number:	15675678
Application Number:	15675683
Application Number:	15676924
Application Number:	15682281
Application Number:	15693317
Application Number:	15697828

Property Type	Number
Application Number:	15698550
Application Number:	15700105
Application Number:	15702734
Application Number:	15707482
Application Number:	15729270
Application Number:	15789898
Application Number:	15790227
Application Number:	15798007
Application Number:	15829487
Application Number:	15829573
Application Number:	15829634
Application Number:	15836457
Application Number:	15836680
Application Number:	15842686
Application Number:	15846858
Application Number:	15851588
Application Number:	15865253
Application Number:	15866284
Application Number:	15874143
Application Number:	15874453
Application Number:	15881586
Application Number:	15881677
Application Number:	15888688
Application Number:	15900124
Application Number:	15902302
Application Number:	15902787
Application Number:	15903373
Application Number:	15904635
Application Number:	15906986
Application Number:	15908181
Application Number:	15912224
Application Number:	15918171
Application Number:	15918206
Application Number:	15926133
Application Number:	15933975
Application Number:	15943692
Application Number:	15947012
Application Number:	15947117

Property Type	Number
Application Number:	15950027
Application Number:	15968665
Application Number:	15969743
Application Number:	15976182
Patent Number:	10187747
Application Number:	15976741
Application Number:	15985573
Application Number:	15987730
Application Number:	15990523
Application Number:	15993300
Application Number:	15993313
Application Number:	16014972
Application Number:	16015630
Application Number:	16016470
Application Number:	16016501
Application Number:	16016504
Application Number:	16020118
Application Number:	16021317
Application Number:	16038997
Application Number:	16045665
Application Number:	16046744
Application Number:	16047485
Application Number:	16059969
Application Number:	16106987
Application Number:	16107471
Application Number:	16108446
Application Number:	16115807
Application Number:	16115912
Application Number:	16116799
Application Number:	16117773
Application Number:	16118441
Application Number:	16118916
Application Number:	16128809
Application Number:	16129521
Application Number:	16130605
Application Number:	16131339
Application Number:	16136443
Application Number:	16140193

Property Type	Number
Application Number:	16142985
Application Number:	16147298
Application Number:	16148895
Application Number:	16150656
Application Number:	16154658
Application Number:	16157322
Application Number:	16157436
Application Number:	16167481
Application Number:	16172658
Application Number:	16179608
Application Number:	16179841
Application Number:	16183630
Application Number:	16185913
Application Number:	16188585
Application Number:	16193652
Application Number:	16195439
Application Number:	16196267
Application Number:	16196827
Application Number:	16200526
Application Number:	16201640
Application Number:	16203096
Application Number:	16208024
Application Number:	16220525
Application Number:	16220533
Patent Number:	D844022
Patent Number:	D820861
Patent Number:	D813906
Patent Number:	D819646
Patent Number:	D815667
Patent Number:	D841657
Patent Number:	D837229
Patent Number:	D841508
Patent Number:	D832875
Application Number:	16220541
Application Number:	16224401
Application Number:	16226970
Application Number:	16238784
Application Number:	16242944

Property Type	Number
Application Number:	16247958
Application Number:	16249153
Application Number:	16249847
Application Number:	16253936
Application Number:	16270916
Application Number:	16272915
Application Number:	16277165
Application Number:	16284246
Application Number:	16290604
Application Number:	16291460
Application Number:	16291733
Application Number:	29578959

CORRESPONDENCE DATA

Fax Number: (617)523-6850

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-523-2700

Email: susan.dinicola@hklaw.com,anastasia.sotiropoulos@hklaw.com

Correspondent Name: HOLLAND & KNIGHT LLP

Address Line 1: 10 ST. JAMES AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02116

ATTORNEY DOCKET NUMBER:	134257.00249
NAME OF SUBMITTER:	SUSAN C. DINICOLA
SIGNATURE:	/Susan C. DiNicola/
DATE SIGNED:	10/24/2019

Total Attachments: 13

source=Uber - Patent Security Agreement Supplement (Cortland)#page1.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page2.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page3.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page4.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page5.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page6.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page7.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page8.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page9.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page10.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page11.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page12.tif
source=Uber - Patent Security Agreement Supplement (Cortland)#page13.tif

Patent Security Agreement Supplement

Patent Security Agreement Supplement, dated as of October 17, 2019, by UBER TECHNOLOGIES, INC., a Delaware corporation (the "Pledgor"), in favor of CORTLAND CAPITAL MARKET SERVICES LLC, in its capacity as administrative agent for the benefit of the Secured Parties pursuant to the Credit Agreement (in such capacity, the "Administrative Agent").

WITNESSETH:

WHEREAS, the Pledgor has entered into that certain Term Loan Agreement, dated as of April 4, 2018, among the Pledgor, the Administrative Agent and the other parties thereto (as amended, amended and restated, supplemented or otherwise modified from time to time prior to the date hereof, the "Credit Agreement");

WHEREAS, pursuant to the Credit Agreement, the Pledgor has executed and delivered that certain (i) Security Agreement, dated as of April 4, 2018, among the Pledgor and the Administrative Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") and (ii) Patent Security Agreement, dated as of April 4, 2018, among the Pledgor and the Administrative Agent; and

WHEREAS, under the terms of the Security Agreement, the Pledgor has agreed to grant to the Administrative Agent, for the benefit of the Secured Parties, a security interest in any after-acquired intellectual property collateral of the Pledgor and has agreed in connection therewith to execute this Patent Security Agreement Supplement for recording with the U.S. Patent and Trademark Office.

NOW, THEREFORE, the parties hereto agree as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. The Pledgor hereby pledges and grants to the Administrative Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Pledged Collateral of the Pledgor:

      (a)   Patents of the Pledgor listed on Schedule I attached hereto; and

      (b)   all Proceeds of any and all of the foregoing (other than Excluded Collateral).

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement Supplement is granted in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement and the Pledgor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Patents made and granted hereby are more fully set forth in the Security

Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement Supplement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control unless the Administrative Agent shall otherwise determine.

SECTION 4. Termination. Upon the payment in full of the Obligations (other than contingent indemnification obligations not yet accrued and payable) and termination of the Security Agreement or as otherwise provided in Section 11.4 of the Security Agreement, the Administrative Agent shall execute, acknowledge, and deliver to the Pledgor an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Patents under this Patent Security Agreement Supplement.

SECTION 5. Counterparts. This Patent Security Agreement Supplement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Patent Security Agreement Supplement by signing and delivering one or more counterparts.

SECTION 6. Governing Law. This Patent Security Agreement Supplement shall be governed by, and shall be construed and enforced in accordance with, the law of the State of New York.

[signature page follows]

IN WITNESS WHEREOF, the Pledgor has caused this Patent Security Agreement Supplement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

UBER TECHNOLOGIES, INC.,
as Pledgor

By: _____
        Name: Nelson Chai
        Title: Chief Financial Officer

[Signature Page to Patent Security Agreement Supplement – Cortland]

Accepted and Agreed:

CORTLAND CAPITAL MARKET SERVICES LLC,
as Administrative Agent

By: _____
Name: Jon Kirschmeier
Title: Associate Counsel

SCHEDULE I
to
PATENT SECURITY AGREEMENT SUPPLEMENT
PATENT REGISTRATIONS AND PUBLISHED PATENT
APPLICATIONS

UNITED STATES PATENTS:

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
10/274,408	6976092	10/18/2002	A System Uses Transport Protocol Objects Locate At Agent Location To Generate Session Id And To Provide Translation Between Different Instant Messaging Protocols
10/325,290	7185059	12/19/2002	Multi-System Instant Messaging
10/326,479	7933957	12/19/2002	Tracking Email And Instant Message (IM) Thread History
10/364,703	7818375	2/10/2003	Providing Advanced Instant Messaging (IM) Notification
10/368,099	20040078595	2/18/2003	INSTANT MESSAGING PRIVATE TAGS
10/368,197	20040078596	2/18/2003	Customizable Instant Messaging Private Tags
10/408,514	20040054740	4/7/2003	Extending Functionality of Instant Messaging (IM) Systems
10/686,431	7921160	10/14/2003	Initiating Instant Messaging (Im) Chat Sessions From Email Messages
11/210,187	7444429	8/23/2005	A System Uses Transport Protocol Objects Locate At Agent Location To Generate Session ID And To Provide Translation Between Different Instant Messaging Protocols
11/300,998	7853668	12/15/2005	Communication Threads Over Different Communication Mediums
11/405,259	8037141	4/17/2006	Instant Messaging (IM) Internet Chat Capability From Displayed Email Messages
11/609,600	7941493	12/12/2006	Multi-System Instant Messaging (IM)
11/677,546	20080201383	2/21/2007	System for Managing Data Collection Processes
11/961,267	20080098080	12/20/2007	Extending Functionality of Workflow Applications Using Instant Messaging (IM)
12/284,273	7849220	9/19/2008	A System Using Transport Protocol Objects Located At A User Agent Location To Provide Translation Between Different Instant Messaging Protocols
12/286,136	RE41848	10/18/2002	System Using Transport Protocol Objects Located At Agent Location To Generate Session ID And To Provide Translation Between Different Instant Messaging Protocols
12/288,223	20090049296	10/17/2008	Customizable Instant Messaging Private Tags
12/434,006	20090208001	5/1/2009	INSTANT MESSAGING PRIVATE TAGS
12/625,310	20100076925	11/24/2009	System for Managing Data Collection Processes
12/639,922	7970846	12/16/2009	Address Book For Integrating Email And Instant Messaging (IM)
13/019,786	8224915	2/2/2011	Initiating Instant Messaging (IM) Chat Sessions From Email Messages
13/183,591	20120023323	7/15/2011	Instant Messaging Private Tags
13/529,118		6/21/2012	Initiating Instant Messaging (IM) Chat Sessions From Email

#92524655v1

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
			Messages
13/595,442	20120324463	8/27/2012	System for Managing Data Collection Processes
13/706,925	20140164525	12/6/2012	EVENT MANAGEMENT SYSTEM
13/715,070	20130104139	12/14/2012	System for Managing Data Collection Processes
13/909,524	20130268765	6/4/2013	Instant Messaging Private Tags
13/909,864	9185060	6/4/2013	Initiating Instant Messaging (IM) Chat Sessions From Email Messages
14/691,524	20150295902	4/20/2015	INSTANT MESSAGING PRIVATE TAGS
14/873,490	20170099238	10/2/2015	Initiating Instant Messaging (IM) Chat Sessions From Email Messages
14/942,361	20170138749	11/16/2015	METHOD AND SYSTEM FOR SHARED TRANSPORT
15/164,390	10024673	5/25/2016	IDENTIFYING A MAP MATCHED TRIP FROM RECEIVED GEOGRAPHIC POSITION INFORMATION
15/202,481	10129221	7/5/2016	TRANSPORT FACILITATION SYSTEM IMPLEMENTING DUAL CONTENT ENCRYPTION
15/238,218	20160359775	8/16/2016	EVENT MANAGEMENT SYSTEM
15/286,553	20180095977	10/5/2016	CONTEXTUAL SEARCH FOR LOCATION SERVICES
15/292,055	20180102017	10/12/2016	FACILITATING DIRECT RIDER DRIVER PAIRING FOR MASS EGRESS AREAS
15/297,050	20180107935	10/18/2016	PREDICTING SAFETY INCIDENTS USING MACHINE LEARNING
15/335,364	20180115598	10/26/2016	Selective Distribution of Machine-Learned Models
15/350,905	20180101925	11/14/2016	FACILITATING DIRECT RIDER DRIVER PAIRING FOR MASS EGRESS AREAS
15/365,715	20180121847	11/30/2016	Pre-Selection of Drivers in a Passenger Transport System
15/367,139	20180157984	12/1/2016	PREDICTING USER STATE USING MACHINE LEARNING
15/368,368	20180159921	12/2/2016	TRANSMISSION OF DATA TO MULTIPLE COMPUTING DEVICES ACCORDING TO A TRANSMISSION SCHEDULE
15/378,043	9927252	12/14/2016	Safe Routing for Navigation Systems
15/392,010	20180087912	12/28/2016	GEOGRAPHICAL LOCATION SEARCH USING MULTIPLE DATA SOURCES
15/393,171	20180089227	12/28/2016	GEOGRAPHICAL LOCATION SEARCH USING MULTIPLE DATA SOURCES
15/394,527	20180189669	12/29/2016	IDENTIFICATION OF EVENT SCHEDULES
15/395,341	20180089784	12/30/2016	NETWORK SYSTEM TO DETERMINE ACCELERATORS FOR SELECTION OF A SERVICE
15/395,406	20180091604	12/30/2016	SERVICE INFORMATION AND CONFIGURATION USER INTERFACE
15/395,746	20180092057	12/30/2016	NETWORK SERVICE OVER LIMITED NETWORK CONNECTIVITY
15/396,445	20180188052	12/31/2016	Vehicle Routing Guidance to an Authoritative Location for a Point of Interest
15/421,417	9934625	1/31/2017	DETECTING VEHICLE COLLISIONS BASED ON MOBLE COMPUTING DEVICE DATA
15/425,489	20180188058	2/6/2017	RECOMMENDING DESTINATIONS OF MAP-RELATED REQUESTS USING CATEGORIZATION
15/427,440	20180225796	2/8/2017	Resource Allocation in a Network System

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
15/433,980	20180232840	2/15/2017	GEOSPATIAL CLUSTERING FOR SERVICE COORDINATION SYSTEMS
15/434,929	20180232397	2/16/2017	GEOSPATIAL CLUSTERING FOR SERVICE COORDINATION SYSTEMS
15/436,575	20180242375	2/17/2017	SYSTEM AND METHOD TO PERFORM SAFETY OPERATIONS IN ASSOCIATION WITH A NETWORK SERVICE
15/468,040	20180278722	3/23/2017	MAPLESS USER INTERFACES FOR LIMITED NETWORK CONDITIONS
15/477,021	20180156923	4/1/2017	LOCATION ACCURACY DETERMINATION BASED ON DATA FROM SECOND SENSOR
15/477,230	20180283883	4/3/2017	COORDINATING TRAVEL ON A PUBLIC TRANSIT SYSTEM AND A TRAVEL COORDINATION SYSTEM
15/478,184	20180285343	4/3/2017	DETERMINING SAFETY RISK USING NATURAL LANGUAGE PROCESSING
15/478,245	10036641	4/4/2017	Coordinating Travel on a Public Transit System and a Travel Coordination System
15/495,686	20180310135	4/24/2017	Verifying Sensor Data Using Embeddings
15/498,174	20180314998	4/26/2017	Resource Allocation in a Network System
15/582,040	20180315021	4/28/2017	SYSTEM AND METHOD FOR GENERATING EVENT INVITATIONS TO SPECIFIED RECIPIENTS
15/582,228	20180315088	4/28/2017	RECOMMENDATION ENGINE FOR GENERATING CONTEXT-SPECIFIC RECOMMENDATIONS
15/583,787	20180315139	5/1/2017	DYNAMIC SUPPORT INFORMATION BASED ON CONTEXTUAL INFORMATION
15/600,361	9949088	5/19/2017	NETWORK SYSTEM WITH SCHEDULED BREAKS
15/600,570	20180338298	5/19/2017	PREDICTIVE LOCATION SELECTION TRANSPORTATION OPTIMIZATION SYSTEM
15/601,507	20180336653	5/22/2017	NETWORK COMPUTER SYSTEM TO IMPLEMENT COUNTER VALUES FOR ARRANGING SERVICES
15/602,540	9940654	5/23/2017	NETWORK SYSTEM WITH SCHEDULED BREAKS
15/604,183	10032181	5/24/2017	Determining a Topological Location of a Client Device Using Received Radio Signatures
15/606,555	20180340787	5/26/2017	VEHICLE ROUTING GUIDANCE TO AN AUTHORITATIVE LOCATION FOR A POINT OF INTEREST
15/615,678	20170267166	6/6/2017	USER-CONFIGURABLE INDICATION DEVICE FOR USE WITH AN ON-DEMAND TRANSPORT SERVICE
15/621,959	20180359179	6/13/2017	Customized Communications for Network Systems
15/630,282	20180373585	6/22/2017	CHECKSUM TREE GENERATION FOR IMPROVED DATA ACCURACY VERIFICATION
15/634,172	20180374032	6/27/2017	MATCH-BASED ROUTE NAVIGATION SYSTEM
15/638,216	20190005048	6/29/2017	OPTIMIZING MEDIA PRESENTATION WITHIN AN APPLICATION
15/650,722	20190017842	7/14/2017	Displaying Visible Points of Interest with a Navigation System
15/658,304	20190026184	7/24/2017	RECOVERY OF APPLICATION FUNCTIONS VIA ANALYSIS OF APPLICATION OPERATIONAL REQUESTS
15/660,947	20190031097	7/26/2017	DETECTING SERVICE PROVIDER STATE BASED ON RECEIVED AND HISTORIC TELEMATICS DATA AND SERVICE PROVIDER CHARACTERISTICS

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
15/662,407	20190033084	7/28/2017	DYNAMICALLY DETERMINING ORIGIN AND DESTINATION LOCATIONS FOR A NETWORK SYSTEM
15/671,062	20180202820	8/7/2017	METHOD AND SYSTEM FOR REPOSITIONING A SERVICE LOCATION
15/672,026	20170370745	8/8/2017	NAVIGATION LANE GUIDANCE
15/672,043	20190049552	8/8/2017	GEOGRAPHIC POSITIONING USING SHORT-RANGE TRANSMISSIONS
15/672,104	20180202821	8/8/2017	METHOD AND SYSTEM FOR REPOSITIONING A SERVICE LOCATION
15/675,678	20190050775	8/11/2017	CONFIGURING AN APPLICATION FEATURE USING EVENT RECORDS
15/675,683	20190052728	8/11/2017	DYNAMIC SCHEDULING SYSTEM FOR PLANNED SERVICE REQUESTS
15/676,924	20190050879	8/14/2017	COMPUTING ESTIMATED VALUE OF PROVIDING SERVICE AMONG GEOGRAPHICAL REGIONS
15/678,258	10078337	8/16/2017	GENERATION OF TRIP ESTIMATES USING REAL-TIME DATA AND HISTORICAL DATA
15/682,281	20170343377	8/21/2017	Determining Location Information Using a Location Data Point Provided by a Computing Device
15/693,317	20190063935	8/31/2017	PICKUP LOCATION SELECTION AND AUGMENTED REALITY NAVIGATION
15/697,828	20180087918	9/7/2017	MODIFYING MAP CONFIGURATIONS BASED ON ESTABLISHED LOCATION POINTS
15/698,550	20190072408	9/7/2017	First-Person Perspective View
15/700,105	20180013733	9/9/2017	Instant Messaging Private Tags
15/702,734	20190078901	9/12/2017	PROMOTING USER COMPLIANCE WITH ADAPTIVE CHECKPOINTS
15/707,482	20180091605	9/18/2017	NETWORK SYSTEM TO COMPUTE AND TRANSMIT DATA BASED ON PREDICTIVE INFORMATION
15/729,270	20190109910	10/10/2017	MULTIPLE-USER NETWORK SYSTEM AND METHOD FOR DYNAMIC OPTIMIZATION OF SERVICE REQUESTS
15/789,898	20180114113	10/20/2017	INTELLIGENT REGULARIZATION OF NEURAL NETWORK ARCHITECTURES
15/790,227	20180109922	10/23/2017	SYSTEM AND METHOD FOR PROVIDING DYNAMIC SUPPLY POSITIONING FOR ON-DEMAND SERVICES
15/798,007	20190128675	10/30/2017	NAVIGATION USING SHORT-RANGE TRANSMISSIONS
15/829,487	20190171755	12/1/2017	SYSTEMS AND METHODS FOR DETERMINING RELEVANCE OF PLACE DATA
15/829,573	20190171732	12/1/2017	SYSTEMS AND METHODS FOR EVALUATING ACCURACY OF PLACE DATA BASED ON CONTEXT
15/829,634	20190171733	12/1/2017	POINT OF INTEREST ACCURACY USING TICKETS
15/836,457	20190178672	12/8/2017	PERSONALIZED BICYCLE ROUTE GUIDANCE USING STORED PROFILE
15/836,680	20190178679	12/8/2017	CADENCE-BASED PERSONALIZED BICYCLE ROUTE GUIDANCE
15/842,686	20190188603	12/14/2017	WEAKLY-SUPERVISED FRAUD DETECTION FOR TRANSPORTATION SYSTEMS VIA MACHINE LEARNING
15/846,858	20180109935	12/19/2017	TRIP ANOMALY DETECTION SYSTEM

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
15/851,588	20190199591	12/21/2017	SYSTEM FOR PROVISIONING RACKS AUTONOMOUSLY IN DATA CENTERS
15/865,253	20190066161	1/8/2018	PREDICTIVE SYSTEM FOR SELECTING GROUPS OF USERS IN CONNECTION WITH A NETWORK SERVICE
15/866,284	20180232841	1/9/2018	NETWORK SYSTEM TO FILTER REQUESTS BY DESTINATION AND DEADLINE
15/874,143	20180211351	1/18/2018	ARRANGING A TRANSPORT SERVICE FOR A USER BASED ON THE ESTIMATED TIME OF ARRIVAL OF THE USER
15/874,453	20180146328	1/18/2018	INFERENTIAL USER MATCHING SYSTEM
15/881,586	20180192246	1/26/2018	Locating a User Device
15/881,677	20180180430	1/26/2018	SAFE ROUTING FOR NAVIGATION SYSTEMS
15/888,688	20180159946	2/5/2018	ADJUSTING ATTRIBUTES FOR AN ON-DEMAND SERVICE SYSTEM BASED ON REAL-TIME INFORMATION
15/900,124	20180240128	2/20/2018	SERVICE REQUEST MATCHING BASED ON PROVIDER COMPLIANCE STATE
15/902,302	20180218549	2/22/2018	DETECTING VEHICLE COLLISIONS BASED ON MOBILE COMPUTING DEVICE DATA
15/902,787	20180178717	2/22/2018	USER-CONFIGURABLE INDICATION DEVICE FOR USE WITH AN ON-DEMAND TRANSPORT SERVICE
15/903,373	20180180426	2/23/2018	METHOD AND SYSTEM FOR SHARED TRANSPORT
15/904,635	20180188062	2/26/2018	NAVIGATION LANE GUIDANCE
15/906,986	20180245937	2/27/2018	Dynamic Display of Route Preview Information
15/908,181	20180191595	2/28/2018	PROVIDING NOTIFICATIONS TO DEVICES BASED ON REAL-TIME CONDITIONS RELATED TO AN ON-DEMAND SERVICE
15/912,224	20180238691	3/5/2018	SIMPLIFYING GPS DATA FOR MAP BUILDING AND DISTANCE CALCULATION
15/918,171	20180336610	3/12/2018	NETWORK SYSTEM WITH SCHEDULED BREAKS
15/918,206	20180336611	3/12/2018	NETWORK SYSTEM WITH SCHEDULED BREAKS
15/926,133	20180276580	3/20/2018	ASSOCIATING IDENTIFIERS BASED ON PAIRED DATA SETS
15/933,975	20180211194	3/23/2018	SYSTEM AND METHOD FOR OPERATING A SERVICE TO ARRANGE TRANSPORT AMONGST PARTIES THROUGH USE OF MOBILE DEVICES
15/943,692	20180283890	4/2/2018	SYSTEM AND METHOD FOR ATTRIBUTING DEVIATION FROM PREDICTED TRAVEL DISTANCE OR TIME FOR ARRANGED TRANSPORT SERVICES
15/947,012	20180227258	4/6/2018	METHODS TO MITIGATE COMMUNICATION DELAYS BETWEEN SYSTEMS IN CONNECTION WITH A TRANSPORT SERVICE
15/947,117	20180232789	4/6/2018	USER CONTROLLED MEDIA FOR USE WITH ON-DEMAND TRANSPORT SERVICES
15/950,027	20180232453	4/10/2018	APPARATUS AND METHOD FOR RETRIEVAL OF DOCUMENTS
15/968,665	20180245934	5/1/2018	IDENTIFYING A MAP MATCHED TRIP FROM RECEIVED GEOGRAPHIC POSITION INFORMATION
15/969,743	20180252543	5/2/2018	SAFE ROUTING FOR NAVIGATION SYSTEMS
15/976,182	20180330621	5/10/2018	NETWORK COMPUTER SYSTEM TO POSITION SERVICE PROVIDERS USING PROVISIONING LEVEL

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
			DETERMINATIONS
15/976,741	20180259355	5/10/2018	NAVIGATION LANE GUIDANCE
15/985,573	20180266845	5/21/2018	USER-SPECIFIC LANDMARKS FOR NAVIGATION SYSTEMS
15/987,730	20180270173	5/23/2018	Event Management System
15/990,523	20180276875	5/25/2018	MAP-LIKE SUMMARY VISUALIZATION OF STREET-LEVEL DISTANCE DATA AND PANORAMA DATA
15/993,300	20190163779	5/30/2018	DETECTING ATTRIBUTE CHANGE FROM TRIP DATA
15/993,313	20190163833	5/30/2018	DETECTING ATTRIBUTE CHANGE FROM TRIP DATA
16/014,972	20180299277	6/21/2018	COORDINATING TRAVEL ON A PUBLIC TRANSIT SYSTEM AND A TRAVEL COORDINATION SYSTEM
16/015,630	20180299287	6/22/2018	MOBILE SEARCH BASED ON PREDICTED LOCATION
16/016,470	20180370594	6/22/2018	Electric Assist Bicycle
16/016,501	20180341963	6/22/2018	DETERMINING A TOPOLOGICAL LOCATION OF A CLIENT DEVICE USING RECEIVED RADIO SIGNATURES
16/016,504	20180341964	6/22/2018	DETERMINING A TOPOLOGICAL LOCATION OF A CLIENT DEVICE USING RECEIVED RADIO SIGNATURES
16/018,735	10187747	6/26/2018	LOCATION SEARCH USING DYNAMIC REGIONS GENERATED BASED ON SERVICE DATA
16/020,118	20190065852	6/27/2018	AUGMENTED REALITY ASSISTED PICKUP
16/021,317	20190180434	6/28/2018	DEEP LEARNING COORDINATE PREDICTION USING SATELLITE AND SERVICE DATA
16/038,997	20180343664	7/18/2018	BLUETOOTH DEVICE AND DATA SCHEDULER
16/045,665	20190037014	7/25/2018	LOAD BALANCING STICKY SESSION ROUTING
16/046,744	20190034948	7/26/2018	Targeted Sensor Data Collection for Generating Map Information
16/047,485	20180336203	7/27/2018	USER-BASED CONTENT FILTERING AND RANKING TO FACILITATE ON-DEMAND TRANSPORT SERVICES
16/059,969	20180364057	8/9/2018	ROUTING DEVICE THAT MODIFIES ROUTE GUIDANCE BASED ON USER INPUT
16/106,987	20180357250	8/21/2018	High Precision Internet Local Search
16/107,471	20190003843	8/21/2018	METHOD AND SYSTEM FOR SHARED TRANSPORT
16/108,446	20190018426	8/22/2018	Generation of Trip Estimates Using Real-Time Data and Historical Data
16/115,807	20190001884	8/29/2018	METHODS AND SYSTEMS FOR PROVIDING ALERTS TO A DRIVER OF A VEHICLE VIA CONDITION DETECTION AND WIRELESS COMMUNICATIONS
16/115,912	20180375752	8/29/2018	COMPUTING SYSTEM IMPLEMENTING AN ON-DEMAND TRANSPORT SERVICE BASED ON SUB-REGIONAL UTILIZATION CONDITIONS
16/116,799	20190014445	8/29/2018	Verifying Sensor Data Using Embeddings
16/117,773	20190017843	8/30/2018	SYSTEM AND METHOD FOR IMPROVED ROUTING THAT COMBINES REAL-TIME AND LIKELIHOOD INFORMATION
16/118,441	20190156125	8/31/2018	Characterizing Content with a Predictive Error Representation
16/118,916	20180374350	8/31/2018	TARGET ADDRESSING SYSTEM
16/128,809	20190012914	9/12/2018	Parking Identification and Availability Prediction

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
16/129,521	20190028444	9/12/2018	COMPUTING SYSTEM IMPLEMENTING DUAL CONTENT ENCRYPTION FOR A TRANSPORT SERVICE
16/130,605	20190082034	9/13/2018	Alternative Service Pathway for Service Application
16/131,339	20190080340	9/14/2018	Predictive Session Analyzer for a Network System
16/136,443	20190020708	9/20/2018	DATA RESTORATION FOR DATACENTER FAILOVER
16/140,193	20190035166	9/24/2018	SYSTEM AND METHOD FOR SPLITTING A FEE FOR AN ON-DEMAND SERVICE
16/142,985	20190095965	9/26/2018	SYSTEM AND METHOD TO DETECT SERVICE ASSIGNMENT OUTCOMES IN CONNECTION WITH ARRANGED SERVICES
16/147,298	20190103026	9/28/2018	Image Processing for Vehicle Collision Avoidance System
16/148,895	20190035202	10/1/2018	FACILITATING DIRECT RIDER DRIVER PAIRING FOR MASS EGRESS AREAS
16/150,656	20190048642	10/3/2018	TRIP ANOMALY DETECTION SYSTEM
16/154,658	20190044851	10/8/2018	CUSTOMIZED COMMUNICATIONS FOR NETWORK SYSTEMS
16/157,322	20190043227	10/11/2018	Draggable Maps
16/157,436	20190044805	10/11/2018	APPLICATION SERVICE CONFIGURATION SYSTEM
16/167,481	20190078906	10/22/2018	Navigation Lane Guidance
16/172,658	20190065473	10/26/2018	Determining Safety Risk Using Natural Language Processing
16/179,608	20190087754	11/2/2018	CONFIGURABLE PUSH NOTIFICATIONS FOR A TRANSPORT SERVICE
16/179,841	20190137288	11/2/2018	NETWORK COMPUTER SYSTEM TO ARRANGE POOLED TRANSPORT SERVICES
16/183,630	20190137289	11/7/2018	Detection of Map Anomalies
16/185,913	20190078898	11/9/2018	NAVIGATION APPARATUS AND MAPPING SYSTEM USING PERSONAL CONTACTS
16/188,585	20190154454	11/13/2018	DYNAMIC ROUTE RECOMMENDATION AND PROGRESS MONITORING FOR SERVICE PROVIDERS
16/193,652	20190089775	11/16/2018	MULTI-MODE MESSAGE TRANSMISSION FOR A NETWORK-BASED SERVICE
16/195,439	20190164417	11/19/2018	ESTIMATING TIME TRAVEL DISTRIBUTIONS ON SIGNALIZED ARTERIALS
16/196,267	20190164319	11/20/2018	GRAPHICAL USER INTERFACE MAP FEATURE FOR A NETWORK SERVICE
16/196,827	20190164432	11/20/2018	REAL-TIME SERVICE PROVIDER PROGRESS MONITORING
16/200,526	20190095849	11/26/2018	DATA TRANSMISSION AND COMMUNICATION FOR PROCESSING MULTIPLE TRANSPORT REQUESTS
16/201,640	20190166464	11/27/2018	NETWORK COMPUTER SYSTEM TO COORDINATE DELIVERY OF NETWORK CONTENT TO SERVICE PROVIDERS
16/203,096	20190162550	11/28/2018	GEOGRAPHIC MAP ANNOTATION
16/208,024	20190107630	12/3/2018	Localization and Tracking Using Location, Signal Strength, and Pseudorange Data
16/220,525	20190188553	12/14/2018	SCALABLE PARAMETER ENCODING OF ARTIFICIAL NEURAL NETWORKS OBTAINED VIA AN EVOLUTIONARY PROCESS
16/220,533	20190188571	12/14/2018	TRAINING NEURAL NETWORKS USING EVOLUTION BASED STRATEGIES AND NOVELTY SEARCH

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
16/220,541	20190188573	12/14/2018	Training of Artificial Neural Networks Using Safe Mutations Based on Output Gradients
16/224,401	20190124472	12/18/2018	Locating a User Device
16/226,970	20190120636	12/20/2018	FACILITATING RIDER PICK-UP FOR A TRANSPORT SERVICE
16/238,784	20190139450	1/3/2019	AUGMENTING TRANSPORT SERVICES USING DRIVER PROFILING
16/242,944	20190147000	1/8/2019	SYSTEMS AND METHODS FOR PERFORMING SEARCH AND RETRIEVAL OF ELECTRONIC DOCUMENTS USING A BIG INDEX
16/247,958	20190145782	1/15/2019	Dynamically Providing Position Information of a Transit Object to a Computing Device
16/249,153	20190149945	1/16/2019	SELECTING A MESSAGING PROTOCOL FOR TRANSMITTING DATA IN CONNECTION WITH A LOCATION-BASED SERVICE
16/249,847	20190145790	1/16/2019	SYSTEM AND METHOD FOR RATING LANDMARKS FOR USE AS ROUTE GUIDANCE IN VEHICLE NAVIGATION
16/253,936	20190152382	1/22/2019	USER-CONFIGURABLE INDICATION DEVICE FOR USE WITH AN ON-DEMAND TRANSPORT SERVICE
16/270,916	20190172353	2/8/2019	NETWORK COMPUTER SYSTEM TO ADDRESS SERVICE PROVIDERS TO CONTACTS
16/272,915	20190170525	2/11/2019	SAFE ROUTING FOR NAVIGATION SYSTEMS
16/277,165	20190182642	2/15/2019	PROVIDING ROUTE INFORMATION TO DEVICES DURING A SHARED TRANSPORT SERVICE
16/284,246	20190190881	2/25/2019	SOCIAL MEDIA INTEGRATION FOR TRANSPORT ARRANGEMENT SERVICE
16/290,604	20190199527	3/1/2019	Multi-Level Encryption of Tokenized Protected Data
16/291,460	20190196671	3/4/2019	CONTENT PRESENTATION FOR A NETWORK-BASED SERVICE ON A MOBILE COMPUTING DEVICE
16/291,733	20190197460	3/4/2019	COMPUTING SYSTEM IMPLEMENTING MULTIPLE DRIVER SELECTION PROCESSES BASED ON DEVICE LOCATIONS
29/535,469	D844022	8/6/2015	COMPUTING DEVICE DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/547,040	D820861	11/30/2015	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR ENABLING COLOR SELECTION
29/553,266	D813906	1/29/2016	Display Panel With a Computer-Generated Icon
29/561,487	D819646	4/15/2016	COMPUTING DEVICE DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/567,319	D815667	6/7/2016	Computing Device Display Screen or Portion Thereof with an Icon
29/578,952	D841657	9/26/2016	ANIMATED GRAPHICAL USER INTERFACE TO PROVIDE GEOGRAPHIC-BASED SERVICE INFORMATION ON A COMPUTING DEVICE DISPLAY SCREEN
29/578,954	D837229	9/26/2016	GRAPHICAL USER INTERFACE FOR PROVIDING GEOGRAPHIC-BASED SERVICE INFORMATION ON A COMPUTING DEVICE DISPLAY SCREEN
29/578,959		9/26/2016	GRAPHICAL USER INTERFACE FOR RECEIVING TRANSPORT INPUT ON A COMPUTING DEVICE DISPLAY SCREEN

App. No.	Reg. No./Pub. No./Patent No.	Filing Date	Title/Description
29/587,648	D841508	12/14/2016	ILLUMINATABLE DEVICE
29/609,472	D832875	6/30/2017	DISPLAY SCREEN OF A COMPUTING DEVICE WITH TRANSPORT PROVIDER GRAPHICAL USER INTERFACE