

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI344596

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
AutoConnect Holdings, LLC		05/20/2019
RECEIVING PARTY DATA		
Company Name:	IP Optimum Limited	
Street Address:	The Black Church, St. Mary's Place	
City:	Dublin 7	
State/Country:	IRELAND	
Postal Code:	D07 P4AX	
PROPERTY NUMBERS Total: 231		
Property Type	Number	
Application Number:	13678673	
Application Number:	13678691	
Application Number:	13678699	
Application Number:	13678710	
Application Number:	13678722	
Application Number:	13678726	
Application Number:	13678735	
Application Number:	13678745	
Application Number:	13678753	
Application Number:	13678762	
Application Number:	13678773	
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Application Number:	13679234	
Application Number:	13679292	
Application Number:	13679306	
Application Number:	13679350	
Application Number:	13679358	
Application Number:	13679363	
Application Number:	13679368	
Application Number:	13679369	

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Property Type	Number
Application Number:	13679400
Application Number:	13679412
Application Number:	13679441
Application Number:	13679443
Application Number:	13679459
Application Number:	13679476
Application Number:	13679676
Application Number:	13679680
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Application Number:	16445135
Application Number:	16699831
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Application Number:	17233369
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Application Number:	17581508
Application Number:	61560509

Property Type	Number
Application Number:	61637164
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Application Number:	61870698
Application Number:	61891217
Application Number:	61904205
Application Number:	61924572
Application Number:	61926749
Application Number:	62046517
Application Number:	62054166
Application Number:	62076330
Application Number:	62130236
Application Number:	62130261

CORRESPONDENCE DATA

Fax Number: 6124842001

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: 3126257378

Email: conley@avantechlaw.com

Correspondent Name: Robert A. Conley

Address Line 1: 80 S. 8th St., Suite 900

Address Line 4: Minneapolis, MINNESOTA 55402

NAME OF SUBMITTER:	Robert Conley
SIGNATURE:	Robert Conley
DATE SIGNED:	07/07/2024

Total Attachments: 24

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Exhibit 2.4

ASSIGNMENT AGREEMENT

This Assignment Agreement (the "Assignment") is made and entered into this 20th day of May, 2019 (the "Effective Date"), by AutoConnect Holdings LLC a Delaware LLC, having an address at 75 High Road, Newbury MA 01951 ("Assignor") and IP Optimum Limited, a Irish company having an address at The Black Church, St. Mary's Place, Dublin 7 D07P4AX ("Assignee").

RECITALS

A. Assignor is the owner of (select as appropriate):

- ☒ the United States Patents set forth on Exhibit A hereto (the "US Patents");
- ☒ the non-United States patents set forth on Exhibit B hereto (the "Foreign Patents");
- ☒ the United States patent applications set forth on Exhibit C hereto (the "US Patent Applications");
- ☒ the United States provisional patent applications set forth on Exhibit D hereto (the "US Provisional Patent Applications"); and/or
- ☒ the foreign patent applications set forth on Exhibit E hereto (the "Foreign Patent Applications");

which collectively shall be referred to herein as the "Patents".

B. Assignor and Assignee have agreed by way of a purchase agreement (the "Purchase Agreement") dated May 15th, 2019, by and between Assignor and Assignee, the terms of which are incorporated herein by reference, that Assignor shall sell, transfer, and assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patents as specified in this Agreement. In the event of any conflict between the terms of this Assignment and the referenced Purchase Agreement, the terms of the Purchase Agreement shall prevail.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, privilege, title and interest in, to and under the Patents and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and any and all divisions, continuations, reissues or reexaminations of any of the foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patents in any country or countries, together with the right to file such

applications and the right to claim for the same the priority rights derived from the inventions and the Patents under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages, royalties, income or other remuneration (hereinafter "Damages") by reason of past, present and future infringements of the Patents or other rights being assigned hereunder, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patents and that Assignor has assigned same, along with all rights and duties appurtenant thereto, to Assignee and agree that the assignment will be recorded in the register with the European Patent Office; and Assignee hereby declares that Assignee has agreed to the assignment of the aforementioned Patents to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office.

3. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

4. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining the Patents in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.

5. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor as they relate to Patents.


6. Assignor hereby acknowledges and agrees that all of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, 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 rights assigned or to be assigned hereunder.

7. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF, the Parties have executed this Assignment on the Effective Date written at

May 20th, 2019

Assignor: AutoConnect Holdings LLC

By: _____

Name: Gregg S. Hershenson

Title: President

Assignee: _____

By: _____

Name: _____

Title: _____

EXHIBIT A
TO ASSIGNMENT AGREEMENT

Title	Patent Number	Issue Date
001.26.UTL-VEHICLE COMPRISING MULTI- OPERATING SYSTEM	9,324,234	4/26/16
001.14.UTL-GESTURE RECOGNITION FOR ON- BOARD DISPLAY	8,831,826	9/9/14
001.14.CON.02-GESTURE RECOGNITION FOR ON- BOARD DISPLAY	9,449,516	9/20/16
001.14.CON.03-GESTURE RECOGNITION FOR ON- BOARD DISPLAY	9,977,593	5/22/18
001.32.UTL-SHARING APPLICATIONS/MEDIA BETWEEN CAR AND PHONE (HYDROID)	9,020,491	4/28/15
001.35.UTL-IN-CLOUD CONNECTION FOR CAR MULTIMEDIA	9,140,560	9/22/15
001.34.CON- AUTOMATIC AND ADAPTIVE SELECTION OF MULTIMEDIA SOURCES	10,079,733	9/18/18
001.04.UTL-ETIQUETTE SUGGESTION	9,330,567	5/3/16
001.05.UTL-PARKING SPACE FINDER BASED ON PARKING METER DATA	9,123,058	9/1/15
001.06.UTL-PARKING METER EXPIRED ALERT	8,922,393	12/30/14
001.07.UTL-OBJECT SENSING (PEDESTRIAN AVOIDANCE/ACCIDENT AVOIDANCE)	9,043,130	5/26/15
001.08.UTL-PROXIMITY WARNING RELATIVE TO OTHER CARS	9,046,374	6/2/15

001.09.UTL-STREET SIDE SENSORS	9,014,911	4/21/15
001.10.UTL-CAR LOCATION	9,105,051	8/11/15
001.24.UTL-UNIVERSAL BUS IN THE CAR	8,983,718	3/17/15
001.24.CON-UNIVERSAL BUS IN THE CAR	9,297,662	3/29/16
001.33.UTL-MOBILE HOT SPOT/ROUTER/APPLICATION SHARE SITE OR NETWORK	9,079,497	7/14/15
001.30.UTL-UNIVERSAL CONSOLE CHASSIS FOR THE CAR	8,919,848	12/30/14
001.30.DIV.01-UNIVERSAL CONSOLE CHASSIS FOR THE CAR	9,542,085	1/10/17
001.27.CON.02-VEHICLE MIDDLEWARE	10,020,995	7/10/18
001.27.CIP.01-ON BOARD VEHICLE NETWORKING MODULE	9,116,786	8/25/15
001.27.CIP.02-ON BOARD VEHICLE NETWORKING MODULE	9,055,022	6/9/15
001.27.CIP.05-ON BOARD VEHICLE NETWORK SECURITY	9,173,100	10/27/15
001.27.CIP.07-ON BOARD VEHICLE INSTALLATION SUPERVISOR	8,949,823	2/3/15
001.27.CIP.07.CON.01-ON BOARD VEHICLE INSTALLATION SUPERVISOR	9,134,986	9/15/15
001.27.CIP.08-ON BOARD VEHICLE MEDIA CONTROLLER	9,088,572	7/21/15

001.27.CIP.08.CON.01-ON BOARD VEHICLE MEDIA CONTROLLER	9,338,170	5/10/16
001.27.CIP.10-ON BOARD VEHICLE DIAGNOSTIC MODULE	9,043,073	5/26/15
001.27.CIP.13-OCCUPANT SHARING OF DISPLAYED CONTENT IN VEHICLES	9,008,906	4/14/15
001.27.CIP.13.CON.01-OCCUPANT SHARING OF DISPLAYED CONTENT IN VEHICLES	9,417,834	8/16/16
001.27.CIP.15-DUPLICATED PROCESSING IN VEHICLES	9,081,653	7/14/15
001.21.UTL-VEHICLE DATA COLLECTION, METHOD AND SYSTEM FOR	9,176,924	11/3/15
001.25.UTL-MAINTAINING AND REPORTING VEHICLE OCCUPANT INFORMATION, METHOD AND SYSTEM FOR	9,240,018	1/19/16
001.11.UTL-BEHAVIORAL TRACKING AND VEHICLE APPLICATIONS	9,296,299	3/29/16
001.15.UTL-BRANDING OF ELECTRICALLY PROPELLED VEHICLES VIA THE GENERATION OF SPECIFIC OPERATING OUTPUT	8,862,299	10/14/14
001.22.UTL-VEHICLE CLIMATE CONTROL	9,159,232	10/13/15
001.12.UTL-LOCATION INFORMATION EXCHANGE BETWEEN VEHICLE AND DEVICE	8,818,725	8/26/14
001.12.CON.01-LOCATION INFORMATION EXCHANGE BETWEEN VEHICLE AND DEVICE	9,240,019	1/19/16

001.36.UTL-IN-CAR COMMUNICATION BETWEEN DEVICES	8,995,982	3/31/15
001.31.UTL-CONFIGURABLE HARDWARE UNIT FOR CAR SYSTEMS	8,979,159	3/17/15
001.13.UTL-FEATURE RECOGNITION FOR CONFIGURING A VEHICLE CONSOLE AND ASSOCIATED DEVICES	8,793,034	7/29/14
001.17.UTL-CONFIGURABLE VEHICLE CONSOLE	9,008,856	4/14/15
046.02.UTL- SELF- CONFIGURING VEHICLE CONSOLE APPLICATION STORE	9,098,367	8/4/15
126.73.CON.01-VEHICLE REGISTRATION TO ENTER AUTOMATED CONTROL OF VEHICULAR TRAFFIC	10,013,878	7/3/18
126.10.UTL-PROVIDING HOME AUTOMATION INFORMATION VIA COMMUNICATION WITH A VEHICLE	9,378,601	6/28/16
126.26.UTL-CUSTOMIZATION OF VEHICLE CONTROLS AND SETTINGS BASED ON USER PROFILE DATA	9,147,296	9/29/15
126.38.UTL-VEHICLE DAMAGE DETECTION AND INDICATION	9,218,698	12/22/15
126.03.CON.01-DRIVER FACTS BEHAVIOR INFORMATION STORAGE SYSTEM	9,466,161	10/11/16
126.47.UTL- SYNCHRONIZATION BETWEEN VEHICLE AND USER DEVICE CALENDAR	9,082,238	7/14/15

126.08.CON.01-PARENTAL CONTROL OVER VEHICLE FEATURES AND CHILD ALERT SYSTEM	9,545,930	1/17/17
126.71.UTL-CENTRAL NETWORK FOR THE AUTOMATED CONTROL OF VEHICULAR TRAFFIC	9,373,207	6/21/16
126.39.UTL-SIMULTANEOUS VIDEO STREAMING ACROSS MULTIPLE CHANNELS	9,235,941	1/12/16
126.42.UTL-REMOTE CONTROL OF ASSOCIATED VEHICLE DEVICES	9,123,186	9/1/15
126.43.UTL-AUTOMATIC COMMUNICATION OF DAMAGE AND HEALTH IN DETECTED VEHICLE INCIDENTS	9,317,983	4/19/16
126.46.CON.01-POSITIONAL BASED MOVEMENTS AND ACCESSIBILITY OF FEATURES ASSOCIATED WITH A VEHICLE	9,952,680	4/24/18
126.49.UTL-VEHICLE ZONE- BASED INTELLIGENT CONSOLE DISPLAY SETTINGS	9,142,071	9/22/15
126.54.UTL-MULTI-VEHICLE SHARED COMMUNICATIONS NETWORK AND BANDWIDTH	9,646,439	5/9/17
126.16.UTL-VEHICLE TO VEHICLE SOCIAL AND BUSINESS COMMUNICATIONS	9,349,234	5/24/16
126.51.UTL-AUTOMATIC DEVICE AND VEHICLE PAIRING VIA DETECTED EMITTED SIGNALS	9,305,411	4/5/16
126.17.UTL-SHARED NAVIGATIONAL INFORMATION BETWEEN VEHICLES	9,058,703	6/16/15

126.11.UTL-VEHICLE TO VEHICLE SAFETY AND TRAFFIC COMMUNICATIONS	9,384,609	7/5/16
126.58.UTL-UNIVERSAL VEHICLE NOTIFICATION SYSTEM	9,536,361	1/3/17
126.58.CON.01-UNIVERSAL VEHICLE NOTIFICATION SYSTEM	10,023,117	7/17/18
126.34.UTL-INFOTAINMENT SYSTEM BASED ON USER PROFILE	9,147,297	9/29/15
126.48.UTL-VEHICLE DIAGNOSTIC DETECTION THROUGH SENSITIVE VEHICLE SKIN	9,117,318	8/25/15
126.25.CON.01-FACIAL RECOGNITION DATABASE CREATED FROM SOCIAL NETWORKING SITES	9,994,229	5/12/18
126.20.UTL-RADAR SENSING AND EMERGENCY RESPONSE VEHICLE DETECTION	9,524,597	12/20/16
126.20.CIP.01-RADAR SENSING AND EMERGENCY RESPONSE VEHICLE DETECTION	9,412,273	8/9/16
126.61.UTL-VEHICLE CRATE FOR BLADE PROCESSORS	9,883,209	1/30/18
126.72.UTL-TRAFFIC CONSOLIDATION BASED ON VEHICLE DESTINATION	9,378,602	6/28/16
126.62.UTL-BEHAVIOR MODIFICATION VIA ALTERED MAP ROUTES BASED ON USER PROFILE INFORMATION	9,147,298	9/29/15
126.64.UTL-TRAVEL ITINERARY BASED ON USER PROFILE DATA	9,183,685	11/10/15
126.35.UTL-VEHICLE-BASED MULTIMODE DISCOVERY	9,020,697	4/28/15

126.35.CON.01-VEHICLE-BASED MULTIMODE DISCOVERY	9,290,153	3/22/16
126.55.UTL-INFORMATION SHARED BETWEEN A VEHICLE AND USER DEVICES	9,142,072	9/22/15
126.68.UTL-COMMUNICATION OF AUTOMATICALLY GENERATED SHOPPING LIST TO VEHICLES AND ASSOCIATED DEVICES	9,230,379	1/5/16
126.65.UTL-DESTINATION AND TRAVEL INFORMATION APPLICATION	9,153,084	10/6/15
126.69.UTL-SHOPPING COST AND TRAVEL OPTIMIZATION APPLICATION	9,135,764	9/15/15
126.40.UTL- INTELLIGENT VEHICLE FOR ASSISTING VEHICLE OCCUPANTS	9,082,239	7/14/15

EXHIBIT B

TO ASSIGNMENT AGREEMENT

Title	Patent Number	Issue Date
001.28.WO.EP-CONTROL OF DEVICE FEATURES BASED ON VEHICLES STATE	13797358.2	
126.04.WO.CN-ACCESS AND PORTABILITY OF USER PROFILES STORED AS TEMPLATES	ZL201480001334.9	3/8/17
126.32.WO.CN-USER INTERFACE AND VIRTUAL PERSONALITY PRESENTATION BASED ON USER PROFILE	ZL201480001263.2	5/29/18
126.02.WO.CN-CENTRAL NETWORK FOR THE AUTOMATED CONTROL OF VEHICULAR TRAFFIC	ZL201480001328.3	5/17/17

EXHIBIT C
TO ASSIGNMENT AGREEMENT

Title	Application Number	Filing Date
001.23.CON.01-VEHICLE APPLICATION STORE FOR CONSOLE	15/099,375	4/14/16
001.28.CON.01-CONTROL OF DEVICE FEATURES BASED ON VEHICLE STATE	14/930,197	11/2/15
001.02.CON.01-INSURANCE TRACKING	15/138,642	4/26/16
001.03.CON.02-LAW BREAKING/BEHAVIOR SENSOR	15/377,887	12/13/16
001.30.DIV.02-UNIVERSAL CONSOLE CHASSIS FOR THE CAR	15/401,719	1/9/17
001.27.CIP.03.CON.02-ON BOARD VEHICLE PRESENCE REPORTING MODULE	15/275,242	9/23/16
001.27.CIP.04.CON.01-ON BOARD VEHICLE MEDIA CONTROLLER	14/978,185	12/22/15
001.27.CIP.11.CON.01-NETWORK SELECTOR IN A VEHICLE INFOTAINMENT SYSTEM	15/133,793	4/20/16
001.16.CON.01-VEHICLE DATA COLLECTION REGARDING TRAFFIC, METHOD AND SYSTEM FOR	14/979,272	12/22/15
001.29.CON.01-COMMUNICATIONS BASED ON VEHICLE DIAGNOSTICS AND INDICATIONS	14/927,196	10/29/15
002.02.CON.01-CONTROLLER AREA NETWORK BUS	15/073,955	3/18/16
001.18.CON.01-CONFIGURABLE DASH DISPLAY	14/976,722	12/21/15

001.19.CON.01- CONFIGURABLE HEADS-UP DASH DISPLAY	14/832,815	8/21/15
001.20.CON.01-REMOVABLE, CONFIGURABLE VEHICLE CONSOLE	14/836,668	8/26/15
126.70.CON.02-RELAY AND EXCHANGE PROTOCOL IN AN AUTOMATED ZONE-BASED VEHICULAR TRAFFIC CONTROL ENVIRONMENT	15/347,909	11/10/16
126.04.CON.01-ACCESS AND PORTABILITY OF USER PROFILES STORED AS TEMPLATES	15/288,244	10/7/16
126.28.CON.02-GLOBAL STANDARD TEMPLATE CREATION, STORAGE, AND MODIFICATION	15/400,939	1/6/17
126.32.CON.02-USER INTERFACE AND VIRTUAL PERSONALITY PRESENTATION BASED ON USER PROFILE	15/400,947	1/6/17
126.36.UTL-CREATING TARGETED ADVERTISING PROFILES BASED ON USER BEHAVIOR	14/253,315	4/15/14
126.66.CON.01-TRAVEL ROUTE ALTERATION BASED ON USER PROFILE AND BUSINESS	15/014,653	2/3/16
126.22.CON.01-VEHICLE INTRUDER ALERT DETECTION AND INDICATION	15/269,434	9/19/16
126.03.CON.02-DRIVER FACTS BEHAVIOR INFORMATION STORAGE SYSTEM	15/289,317	10/10/16
126.15.CON.01-VEHICLE AND DEVICE SOFTWARE UPDATES PROPAGATED VIA A VIRAL COMMUNICATION CONTACT	14/824,886	8/12/15

126.37.UTL-USER GESTURE CONTROL OF VEHICLE FEATURES	14/253,321	4/15/14
126.30.CON.01-STORING USER GESTURES IN A USER PROFILE DATA TEMPLATE	15/091,470	4/5/16
126.59.CON.01-CONTROL OF VEHICLE FEATURES BASED ON USER RECOGNITION AND IDENTIFICATION	15/085,946	3/30/16
126.44.CON.01-AUTOMATIC VEHICLE DIAGNOSTIC DETECTION AND COMMUNICATION	14/958,371	12/3/15
126.63.CON.02-PROACTIVE MACHINE LEARNING IN A VEHICULAR ENVIRONMENT	15/277,412	9/27/16
126.24.CON.01-AUTOMATIC ALERT SENT TO USER BASED ON HOST LOCATION INFORMATION	15/269,079	9/19/16
126.56.CON.01- CONFIGURATION OF HAPTIC FEEDBACK AND VISUAL PREFERENCES IN VEHICLE USER INTERFACES	15/274,642	9/23/16
267.02.UTL-NETWORK CONNECTED VEHICLE AND ASSOCIATED CONTROLS	14/847,849	9/8/15
270.02.UTL-FLEETWIDE VEHICLE TELEMATICS SYSTEMS AND METHODS	14/863,361	9/23/15
272.02.UTL-VEHICLE AND OCCUPANT APPLICATION INTEGRATION	15/065,097	3/9/16
275.02.UTL-VEHICLE SUPERVISING OF OCCUPANT APPLICATIONS	15/065,578	3/9/16

126.14.CON.01-VEHICLE
INITIATED
COMMUNICATIONS WITH
THIRD PARTIES VIA VIRTUAL
PERSONALITY

15/274,755

9/23/16

126.31.CON.01-HEALTH
STATISTICS AND
COMMUNICATIONS OF
ASSOCIATED VEHICLE USERS

15/143,856

5/2/16

126.61.01.CON-VEHICLE
CRATE FOR BLADE
PROCESSORS

N/A

To be filed

EXHIBIT D
TO ASSIGNMENT AGREEMENT

Title	Application Number	Filing Date
Complete Vehicle Ecosystem	61/560,509	11/16/2011
Complete Vehicle Ecosystem	61/637,164	4/23/2012
Complete Vehicle Ecosystem	61/663,335	6/22/2012
Vehicle Application Store for Console	61/653,275	5/30/2012
Control of Device Features Based on Vehicle State	61/653,264	5/30/2012
Vehicle Middleware	61/714,016	10/15/2012
Vehicle Middleware	61/715,699	10/18/2012
Branding of Electrically Propelled Vehicles Via the Generation of Specific Operating Output	61,646,747	5/14/2012
Vehicle Climate Control	61/672,483	7/17/2012
Complete Vehicle Ecosystem	61/653,563	5/31/2012
Functional Specification for a Next Generation Automobile	61/811,981	4/15/2013
Gesture Control of Vehicle Features	61/865,954	8/14/2013
Gesture Control and User Profiles Associated with Vehicle Features	61/870,698	8/27/2013
Gesture Control and User Profiles Associated with Vehicle Features	61/891,217	10/15/2013
Gesture Control and User Profiles Associated with Vehicle Features	61/904,205	11/14/2013
Gesture Control and User Profiles Associated with Vehicle Features	61/924,572	1/7/2014
Method and System for Providing Infotainment in a Vehicle	61/926,749	1/13/2014
Radar Sensing and Emergency Response Vehicle Detection	62/076,330	11/6/2014

Network Connected Vehicle and Associated Controls	62/046,517	9/5/2014
Network Connected Vehicle and Associated Controls	62/054,166	9/23/2014
Vehicle and Occupant Application Integration	62/130,236	3/9/2015
Vehicle Supervising of Occupant Applications	62/130,261	3/9/2015

EXHIBIT E
TO ASSIGNMENT AGREEMENT

Title	Application Number	Filing Date
001.28.WO.CA-CONTROL OF DEVICE FEATURES BASED ON VEHICLES STATE	2,874,651	5/30/13
001.02.WO.DE-INSURANCE TRACKING	112012004781.8	11/16/12
001.05.WO.DE-COMPLETE VEHICLE ECOSYSTEM	112012004767.2	11/16/12
001.24.WO.DE-UNIVERSAL BUS IN THE CAR	112012004778.8	11/16/12
001.27.WO.DE-VEHICLE MIDDLEWARE	112012004770.2	11/16/12
001.27.CIP.01.WO.EP-ON BOARD VEHICLE NETWORKING MODULE	14773607.8	3/3/14
001.27.CIP.06.WO.EP-ON BOARD VEHICLE MEDIA CONTROLLER	14772794.5	2/28/14
001.27.CIP.13.WO.EP- OCCUPANT SHARING OF DISPLAYED CONTENT IN VEHICLES	14764521.2	2/28/14
001.27.CIP.15.WO.EP- DUPLICATED PROCESSING IN VEHICLES	14774996.4	2/28/14
001.16.CON.01.WO.DE- VEHICLE DATA COLLECTION REGARDING TRAFFIC, METHOD AND SYSTEM FOR	112012004771.0	11/16/12
001.29.WO.DE-CONTROL OF DEVICE FEATURES BASED ON VEHICLE INDICATIONS AND STATE	112012004782.6	11/16/12
001.22.WO.CN-VEHICLE CLIMATE CONTROL	201380032296.9	7/16/13
001.22.WO.DE-VEHICLE CLIMATE CONTROL	112013003595.2	7/16/13

001.22.WO.JP-CONTROLLING VEHICLE CLIMATE AND VEHICLE INCLUDING VEHICLE CLIMATE CONTROL SYSTEM, METHOD FOR	2015-523167	7/16/13
001.31.WO.DE- CONFIGURABLE HARDWARE UNITE FOR CAR SYSTEMS	112012004769.9	11/16/12
001.13.WO.DE-FEATURE RECOGNITION FOR CONFIGURING A VEHICLE CONSOLE AND ASSOCIATED DEVICES	112012004785.0	11/16/12
001.17.WO.DE-COMPLETE VEHICLE ECOSYSTEM	112012004789.3	11/16/12
001.18.WO.DE- CONFIGURABLE DASH DISPLAY	112012004773.7	11/16/12
126.04.WO.EP-ACCESS AND PORTABILITY OF USER PROFILES STORED AS TEMPLATES	14766875.0	4/15/14
126.32.WO.EP-USER INTERFACE AND VIRTUAL PERSONALITY PRESENTATION BASED ON USER PROFILE	14766874.3	4/15/14
126.62.WO.CN-BEHAVIOR MODIFICATION VIA ALTERED MAP ROUTES BASED ON USER PROFILE INFORMATION	201480001273.6	4/15/14
126.62.WO.EP-ALTERED MAP ROUTES BASED ON USER PROFILE INFORMATION	14766876.8	4/15/14
126.14.WO.CN-VIRTUAL PERSONALITY VEHICLE COMMUNICATIONS WITH THIRD PARTIES	201480001336.8	4/15/14
126.14.WO.EP-VIRTUAL PERSONALITY VEHICLE COMMUNICATIONS WITH THIRD PARTIES	14766878.4	4/15/14

126.22.WO.CN-VEHICLE INTRUDER ALERT DETECTION AND INDICATION	201480001264.7	4/15/14
126.22.WO.EP-VEHICLE INTRUDER ALERT DETECTION AND INDICATION	14766879.2	4/15/14
126.02.WO.EP-CENTRAL NETWORK FOR THE AUTOMATED CONTROL OF VEHICULAR TRAFFIC	14766877.6	4/15/14
272.03.WO-VEHICLE AND OCCUPANT APPLICATION INTEGRATION	PCT/US2016/021551	3/9/16
275.03.WO-VEHICLE SUPERVISING OF OCCUPANT APPLICATIONS	PCT/US2016/021593	3/9/16
272.04.WO.EP-VEHICLE AND OCCUPANT APPLICATION INTEGRATION	16762424.6	3/9/16
275.04.WO.EP-VEHICLE SUPERVISING OF OCCUPANT APPLICATIONS	16762445.1	3/9/16