

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3785227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
LYTX, INC.	03/15/2016

RECEIVING PARTY DATA

Name:	U.S. BANK NATIONAL ASSOCIATION, AS ADMINISTRATIVE AGENT
Street Address:	214 NORTH TRYON STREET
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28202-1078

PROPERTY NUMBERS Total: 91

Property Type	Number
Patent Number:	6389340
Patent Number:	6405112
Patent Number:	6449540
Patent Number:	6718239
Patent Number:	8314708
Patent Number:	8564446
Patent Number:	7659827
Patent Number:	8373567
Patent Number:	8803695
Patent Number:	7804426
Patent Number:	7536457
Patent Number:	8269617
Patent Number:	8564426
Patent Number:	9189899
Patent Number:	8849501
Patent Number:	8854199
Patent Number:	8508353
Patent Number:	8996234
Patent Number:	8744642
Patent Number:	9180887

PATENT

Property Type	Number
Patent Number:	8989914
Patent Number:	8606492
Patent Number:	9047721
Patent Number:	8676428
Patent Number:	5497419
Patent Number:	5646994
Patent Number:	8952819
Patent Number:	8930072
Patent Number:	9098956
Patent Number:	9158962
Application Number:	14320350
Application Number:	14225057
Application Number:	13271417
Application Number:	14162678
Application Number:	13687163
Application Number:	13914339
Application Number:	14034296
Application Number:	14137777
Application Number:	13912812
Application Number:	14035739
Application Number:	62020019
Application Number:	11382325
Application Number:	14880110
Application Number:	14452718
Application Number:	14969570
Application Number:	13923130
Application Number:	14627974
Application Number:	14604588
Application Number:	14698283
Application Number:	13736839
Application Number:	14956731
Application Number:	14581712
Application Number:	13736842
Application Number:	14746572
Application Number:	14025699
Application Number:	14559812
Application Number:	14012136
Application Number:	14755948

Property Type	Number
Application Number:	14847543
Application Number:	14965035
Application Number:	14965043
Application Number:	14138081
Application Number:	14977342
Application Number:	14951294
Application Number:	14336874
Application Number:	14329830
Application Number:	14530503
Application Number:	14631708
Application Number:	14500732
Application Number:	14340426
Application Number:	14523744
Application Number:	14550732
Application Number:	62204356
Application Number:	14823937
Application Number:	14814253
Application Number:	14852038
Application Number:	14885254
Application Number:	14939998
Application Number:	14966325
Application Number:	14965791
Application Number:	14841376
Application Number:	14966503
Application Number:	14976399
Application Number:	14970257
Application Number:	14965018
PCT Number:	US2014052364
PCT Number:	US2015028251
PCT Number:	US2014068180
PCT Number:	US2015039068
PCT Number:	US2015044591
PCT Number:	US2015057191

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ATTORNEY DOCKET NUMBER: 021692/00010 (RAD)

NAME OF SUBMITTER: RAFFAELE A. DEMARCO

SIGNATURE: /RAFFAELE A. DEMARCO/

DATE SIGNED: 03/15/2016

Total Attachments: 16

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PATENT SECURITY AGREEMENT

March 15, 2016

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Padres Holdings, Inc. ("Holdings"), Lytx, Inc. ("Borrower"), the other parties that become a party hereto from time to time after the date hereof pursuant to Section 6.11(a) of the Credit Agreement (such parties, together with Holdings and Borrower, each individually a "Grantor" and collectively, the "Grantors"), each hereby grant to U.S. Bank National Association, as Administrative Agent (the "Grantee"), a security interest in all of such Grantor's right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the "Patent Collateral"), whether presently existing or hereafter arising or acquired which, includes the Grantor's rights to:

- (i) each United States patent and patent application, including each U.S. patent and patent application referred to on Schedule A hereto; and
- (ii) all products and proceeds of the foregoing, including any claim by any such Grantor against third parties for past, present or future infringement of any patent, including any patent listed on Schedule A hereto.

THIS GRANT is granted in conjunction with the security interests granted to the Grantee pursuant to the Security Agreement, dated as of March 15, 2016, among the Grantors, the Grantee and certain other parties (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"). The rights and remedies of the Grantee with respect to the security interest granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Patent Security Agreement are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

This Patent Security Agreement may be authenticated by the parties hereto in any number of counterparts, each of which shall collectively and separately constitute one agreement.

THE GRANTOR authorizes and requests that the Commissioner of Patents and Trademarks and any other applicable government officer record this Patent Security Agreement.

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IN WITNESS WHEREOF, the parties hereto have duly executed this Patent Security Agreement by its duly authorized representative as of the date first written above.

GRANTOR:

~~LYTX, INC., a Delaware corporation~~

By: _____

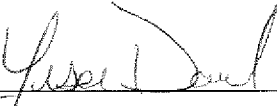
Name: ~~Brandon Nixon~~

Title: ~~Chief Executive Officer~~

{Signature page to Patent Security Agreement}

Agreed and Accepted:

**U.S. BANK, NATIONAL ASSOCIATION,
as Administrative Agent and Grantee**

By: 
Name: _____
Title: Lisa Dowd
Assistant Vice President

[Signature page to Patent Security Agreement]

Schedule A
PATENTS AND PATENT APPLICATIONS

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP010C2	US Patent	US	DRIVP010	Denson, Craig	Status: Allowed Filed: 6/30/2014 Serial #: 14/320,350 Conf #: None		Title: SYSTEM AND METHOD FOR IDENTIFYING NON-EVENT PROFILES
DRIVP016C1	US Patent	US	DRIVP014	Cook, Bryon Elcheson, Jamie	Status: Allowed Filed: 3/25/2014 Serial #: 14/225,057 Conf #: None		Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD EMPLOYING AUTOMATED DRIVER LOG
DRIVP018	US Patent	US		Tannari, Roni Botnen, Joshua Donald	Status: Allowed Filed: 10/12/2011 Serial #: 13/271,417 Conf #: None		Title: DRIVE EVENT CAPTURING BASED ON GEOLOCATION
DRIVP023C1	US Patent	US	DRIVP023	Lambert, Daniel Richardson, Larry	Status: Allowed Filed: 1/23/2014 Serial #: 14/162,678 Conf #: None		Title: SERVER REQUEST FOR DOWNLOADED INFORMATION FROM A VEHICLE-BASED MONITOR
DRIVP026	US Patent	US		Nemat-Nasser, Syrus C. Williams, Christopher S.	Status: Allowed Filed: 11/28/2012 Serial #: 13/687,163 Conf #: None		Title: CAPTURING DRIVING RISK BASED ON VEHICLE STATE AND AUTOMATIC DETECTION OF A STATE OF A LOCATION
DRIVP028	US Patent	US	DRIVP020	Sutton, Gregory Dean Butch, Tom Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Allowed Filed: 6/10/2013 Serial #: 13/914,339 Conf #: None		Title: USING PASSIVE DRIVER IDENTIFICATION AND OTHER INPUT FOR PROVIDING REAL-TIME ALERTS OR ACTIONS
DRIVP042	US Patent	US	DRIVP023	Lambert, Daniel Richardson, Larry	Status: Allowed Filed: 9/23/2013 Serial #: 14/034,296 Conf #: None		Title: TRIGGERING A SPECIALIZED DATA COLLECTION MODE

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP043	US Patent	US		Hoye, Brett Lambert, Daniel Sutton, Gregory Dean	Status: Allowed Filed: 12/20/2013 Serial #: 14/137,777 Conf #: None		Title: AUTOMATIC ENGAGEMENT OF A DRIVER ASSISTANCE SYSTEM
DRIVP045	US Patent	US		Lambert, Daniel Peter, Brendan	Status: Allowed Filed: 6/7/2013 Serial #: 13/912,812 Conf #: None		Title: DELETING UNNECESSARY MAP DATA
DRIVP046	US Patent	US		Sutton, Gregory Dean	Status: Allowed Filed: 9/24/2013 Serial #: 14/035,739 Conf #: None		Title: VEHICLE EVENT RECORDER MOBILE PHONE MOUNT
DRIVP048+	US Patent	US		Bonhomme, Jerome	Status: Converted ¹ Filed: 7/2/2014 Serial #: 62/020,019 Conf #: None		Title: AUTOMATIC GEOFENCE DETERMINATION
DRIVP002EP	Foreign Patent	EPO	DRIVP001	Rayner, Gary A.	Status: Granted Filed: 12/10/1999 Serial #: 99966123.4 Conf #: None	Expires: 12/10/2019	Title: VEHICLE DATA RECORDER
DRIVP002	US Patent	US	DRIVP001	Rayner, Gary A.	Status: Issued Filed: 9/24/1999 Serial #: 09/405,857 Conf #: None	Issued: 5/14/2002 Pat. #: 6,389,340	Title: VEHICLE DATA RECORDER
DRIVP002DE	Foreign Patent	Germany	DRIVP001	Rayner, Gary A.	Status: Issued Filed: No Date Serial #: 99966123.4 Conf #: None	Issued: 9/15/2004 Pat. #: 1218220 Expires: 12/10/2019	Title: VEHICLE DATA RECORDER
DRIVP002FR	Foreign Patent	France	DRIVP001	Rayner, Gary A.	Status: Issued Filed: No Date Serial #: 99966123.4 Conf #: None	Issued: 9/15/2004 Pat. #: 1218220 Expires: 12/10/2019	Title: VEHICLE DATA RECORDER

¹ Converted from provisional application to regular application

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP002GB	Foreign Patent	United Kingdom	DRIVP001	Rayner, Gary A.	Status: Issued Filed: No Date Serial #: 99966123.4 Conf #: None	Issued: 9/15/2004 Pat. #: 1218220 Expires: 12/10/2019	Title: VEHICLE DATA RECORDER
DRIVP002REX	US Patent	US	DRIVP001	Rayner, Gary A.	Status: Issued Filed: 10/11/2011 Serial #: 90/011,951 Conf #: None	Issued: 10/21/2013 Pat. #: 6,389,340	Title: VEHICLE DATA RECORDER
DRIVP003	US Patent	US	DRIVP001	Rayner, Gary A.	Status: Issued Filed: 7/7/2000 Serial #: 09/611,891 Conf #: None	Issued: 6/11/2002 Pat. #: 6,405,112	Title: VEHICLE OPERATOR PERFORMANCE MONITOR WITH ENHANCED DATA RETRIEVAL CAPABILITIES
DRIVP004	US Patent	US	DRIVP001	Rayner, Gary A.	Status: Issued Filed: 9/25/2000 Serial #: 09/669,449 Conf #: None	Issued: 9/10/2002 Pat. #: 6,449,540 Expires: 2/9/2018	Title: VEHICLE OPERATOR PERFORMANCE RECORDER TRIGGERED BY DETECTION OF EXTERNAL WAVES
DRIVP005	US Patent	US	DRIVP001	Rayner, Gary A.	Status: Issued Filed: 12/11/2000 Serial #: 09/732,813 Conf #: None	Issued: 4/6/2004 Pat. #: 6,718,239	Title: VEHICLE EVENT DATA RECORDER INCLUDING VALIDATION OF OUTPUT
DRIVP006	US Patent	US		Gunderson, Charlie Lafleur, Tom Lurie, Doron Moeller, Bruce	Status: Issued Filed: 5/8/2006 Serial #: 11/382,239 Conf #: None	Issued: 11/20/2012 Pat. #: 8,314,708 Expires: 5/29/2031	Title: SYSTEM AND METHOD FOR REDUCING DRIVING RISK WITH FORESIGHT
DRIVP006CI	US Patent	US	DRIVP006	Gunderson, Charlie Lafleur, Tom Lurie, Doron Moeller, Bruce	Status: Issued Filed: 9/15/2011 Serial #: 13/234,103 Conf #: None	Issued: 10/22/2013 Pat. #: 8,564,446 Expires: 5/8/2026	Title: SYSTEM AND METHOD FOR REDUCING DRIVING RISK WITH FORESIGHT
DRIVP007	US Patent	US	DRIVP006	Gunderson, Charlie Lafleur, Tom Lurie, Doron Moeller, Bruce	Status: Issued Filed: 5/8/2006 Serial #: 11/382,222 Conf #: None	Issued: 2/9/2010 Pat. #: 7,659,827	Title: SYSTEM AND METHOD FOR TAKING RISK OUT OF DRIVING
DRIVP007REX	US Patent	US	DRIVP006	Gunderson, Charlie Lafleur, Tom Lurie, Doron Moeller, Bruce	Status: Issued Filed: 10/11/2011 Serial #: 95/001,779 Conf #: None	Issued: 7/8/2013 Pat. #: 7,659,827	Title: SYSTEM AND METHOD FOR TAKING RISK OUT OF DRIVING

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP010	US Patent	US		Denson, Craig	Status: Issued Filed: 8/28/2006 Serial #: 11/467,694 Conf #: None	Issued: 2/12/2013 Pat. #: 8,373,567 Expires: 9/28/2027	Title: SYSTEM AND METHOD FOR IDENTIFYING NON-EVENT PROFILES
DRIVP010C1	US Patent	US	DRIVP010	Denson, Craig	Status: Issued Filed: 1/8/2013 Serial #: 13/736,709 Conf #: None	Issued: 8/12/2014 Pat. #: 8,803,695 Expires:	Title: SYSTEM AND METHOD FOR IDENTIFYING NON-EVENT PROFILES
DRIVP011	US Patent	US	DRIVP006	Elcheson, Jamie	Status: Issued Filed: 12/4/2006 Serial #: 11/566,424 Conf #: None	Issued: 9/28/2010 Pat. #: 7,804,426 Expires: 3/2/2027	Title: SYSTEM AND METHOD FOR SELECTIVE REVIEW OF EVENT DATA
DRIVP011REX	US Patent	US	DRIVP006	Elcheson, Jamie	Status: Issued Filed: 11/3/2011 Serial #: 95/001,781 Conf #: None	Issued: 3/18/2013 Pat. #: 7,804,426	Title: SYSTEM AND METHOD FOR SELECTIVE REVIEW OF EVENT DATA
DRIVP011REX2	US Patent	US	DRIVP006	Elcheson, Jamie	Status: Issued Filed: 11/3/2011 Serial #: 95/001,802 Conf #: None	Issued: 3/18/2013 Pat. #: 7,804,426	Title: SYSTEM AND METHOD FOR SELECTIVE REVIEW OF EVENT DATA
DRIVP012	US Patent	US	DRIVP006	Miller, Carl	Status: Issued Filed: 12/4/2006 Serial #: 11/566,526 Conf #: None	Issued: 5/19/2009 Pat. #: 7,536,457	Title: SYSTEM AND METHOD FOR WIRELESS DELIVERY OF EVENT DATA
DRIVP014	US Patent	US		Cook, Bryon Ellegaard, Peter Li, Hongying	Status: Issued Filed: 1/26/2009 Serial #: 12/359,787 Conf #: None	Issued: 9/18/2012 Pat. #: 8,269,617 Expires:	Title: METHOD AND SYSTEM FOR TUNING THE EFFECT OF VEHICLE CHARACTERISTICS ON RISK PREDICTION
DRIVP014C1	US Patent	US	DRIVP014	Cook, Bryon Ellegaard, Peter Li, Hongying	Status: Issued Filed: 8/15/2012 Serial #: 13/586,750 Conf #: None	Issued: 10/22/2013 Pat. #: 8,564,426 Expires: 1/26/2029	Title: METHOD AND SYSTEM FOR TUNING THE EFFECT OF VEHICLE CHARACTERISTICS ON RISK PREDICTION
DRIVP014C2	US Patent	US	DRIVP014	Cook, Bryon Ellegaard, Peter Li, Hongying	Status: Issued Filed: 9/13/2013 Serial #: 14/027,038 Conf #: None	Issued: 11/17/2015 Pat. #: 9,189,899 Expires: 1/26/2029	Title: METHOD AND SYSTEM FOR TUNING THE EFFECT OF VEHICLE CHARACTERISTICS ON RISK PREDICTION

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP015	US Patent	US	DRIVP014	Cook, Bryon Ellegard, Peter Gilles, Louis	Status: Issued Filed: 1/21/2010 Serial #: 12/691,639 Conf #: None	Issued: 9/30/2014 Pat. #: 8,849,501 Expires: 3/26/2031	Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD EMPLOYING SELECTIVELY AUTOMATIC EVENT SCORING
DRIVP016	US Patent	US	DRIVP014	Cook, Bryon Etcheson, Jannie	Status: Issued Filed: 6/3/2010 Serial #: 12/793,362 Conf #: None	Issued: 10/7/2014 Pat. #: 8,854,199 Expires: 11/20/2030	Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD EMPLOYING AUTOMATED DRIVER LOG
DRIVP017	US Patent	US	DRIVP014	Cook, Bryon Gilles, Louis	Status: Issued Filed: 6/11/2010 Serial #: 12/814,117 Conf #: None	Issued: 8/13/2013 Pat. #: 8,508,353 Expires: 8/9/2030	Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD HAVING CALIBRATING AUTOMATIC EVENT SCORING
DRIVP019	US Patent	US		Tamari, Roni Botnen, Joshua Donald	Status: Issued Filed: 10/11/2011 Serial #: 13/271,009 Conf #: None	Issued: 3/31/2015 Pat. #: 8,996,234 Expires: 5/7/2032	Title: DRIVER PERFORMANCE DETERMINATION BASED ON GEOLOCATION
DRIVP020	US Patent	US		Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Issued Filed: 9/16/2011 Serial #: 13/235,263 Conf #: None	Issued: 6/3/2014 Pat. #: 8,744,642 Expires: 4/26/2032	Title: DRIVER IDENTIFICATION BASED ON FACE DATA
DRIVP020C1	US Patent	US	DRIVP020	Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Issued Filed: 4/23/2014 Serial #: 14/259,930 Conf #: None	Issued: 11/10/2015 Pat. #: 9,180,887 Expires: 9/16/2031	Title: DRIVER IDENTIFICATION BASED ON FACE DATA
DRIVP021	US Patent	US		Nemat-Nasser, Syrus C. Smith, Andrew Tombras Boer, Erwin R.	Status: Issued Filed: 12/19/2011 Serial #: 13/329,386 Conf #: None	Issued: 3/24/2015 Pat. #: 8,989,914 Expires: 3/24/2032	Title: DRIVER IDENTIFICATION BASED ON DRIVING MANEUVER SIGNATURE
DRIVP022	US Patent	US		Botnen, Joshua Donald	Status: Issued Filed: 8/31/2011 Serial #: 13/222,301 Conf #: None	Issued: 12/10/2013 Pat. #: 8,606,492 Expires: 11/5/2031	Title: DRIVER LOG GENERATION

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP022C1	US Patent	US	DRIVP022	Boinen, Joshua Donald	Status: Issued Filed: 11/1/2013 Serial #: 14/070,206 Conf #: None	Issued: 6/2/2015 Pat. #: 9,047,721 Expires: 12/3/2031	Title: DRIVER LOG GENERATION
DRIVP023	US Patent	US		Richardson, Larry Lambert, Daniel	Status: Issued Filed: 4/17/2012 Serial #: 13/448,725 Conf #: None	Issued: 3/18/2014 Pat. #: 8,676,428 Expires: 5/19/2032	Title: SERVER REQUEST FOR DOWNLOADED INFORMATION FROM A VEHICLE-BASED MONITOR
DRIVP024	US Patent	US		Hill, Brian R.	Status: Issued Filed: 4/19/1994 Serial #: 08/229,602 Conf #: None	Issued: 3/5/1996 Pat. #: 5,497,419 Expires: 4/19/2014	Title: METHOD AND APPARATUS FOR RECORDING SENSOR DATA
DRIVP025	US Patent	US	DRIVP024		Status: Issued Filed: 3/4/1996 Serial #: 08/606,493 Conf #: None	Issued: 7/8/1997 Pat. #: 5,646,994 Expires: 4/19/2014	Title: METHOD AND APPARATUS FOR RECORDING SENSOR DATA
DRIVP029	US Patent	US		Nemat-Nasser, Syrus C.	Status: Issued Filed: 1/31/2013 Serial #: 13/755,194 Conf #: None	Issued: 2/10/2015 Pat. #: 8,952,819 Expires: 10/3/2033	Title: DIRECT OBSERVATION EVENT TRIGGERING OF DROWSINESS
DRIVP038	US Patent	US		Lambert, Daniel Van Norwick, John Shirey, Michael	Status: Issued Filed: 7/26/2013 Serial #: 13/951,719 Conf #: None	Issued: 1/6/2015 Pat. #: 8,930,072 Expires: 7/26/2033	Title: MANAGING THE CAMERA ACQUIRING INTERIOR DATA
DRIVP040	US Patent	US		Lambert, Daniel Richardson, Larry Nemat-Nasser, Syrus C. Surpi, Gabriela	Status: Issued Filed: 9/26/2013 Serial #: 14/037,815 Conf #: None	Issued: 8/4/2015 Pat. #: 9,098,956 Expires: 9/26/2033	Title: DYNAMIC UPLOADING PROTOCOL
DRIVP041	US Patent	US		Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Issued Filed: 5/7/2014 Serial #: 14/272,401 Conf #: None	Issued: 10/13/2015 Pat. #: 9,158,962 Expires: 5/7/2034	Title: PASSIVE DRIVER IDENTIFICATION
DRIVP008	US Patent	US		Gunderson, Charlie Lalleur, Tom Lurie, Doron Moeller, Bruce	Status: Pending Filed: 5/9/2006 Serial #: 11/382,325 Conf #: None		Title: SYSTEM AND METHOD FOR REDUCING DRIVING RISK WITH HINDSIGHT

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP010C3	US Patent	US	DRIVP010	Denson , Craig	Status: Pending Filed: 12/23/2015 Serial #: None Conf #: None		Title: SYSTEM AND METHOD FOR IDENTIFYING NON-EVENT PROFILES
DRIVP010EP	Foreign Patent	EPO	DRIVP010	Denson , Craig	Status: Pending Filed: 5/7/2007 Serial #: 07783348.1 Conf #: None		Title: SYSTEM AND METHOD FOR IDENTIFYING NON-EVENT PROFILES
DRIVP012EP	Foreign Patent	EPO	DRIVP006	Miller , Carl	Status: Pending Filed: No Date Serial #: 07783351.5 Conf #: None		Title: SYSTEM AND METHOD FOR WIRELESS DELIVERY OF EVENT DATA
DRIVP014C3	US Patent	US	DRIVP014	Cook , Bryon Ellegard, Peter Ll, Hongying	Status: Pending Filed: 10/9/2015 Serial #: 14/880,110 Conf #: None		Title: METHOD AND SYSTEM FOR TUNING THE EFFECT OF VEHICLE CHARACTERISTICS ON RISK PREDICTION
DRIVP015C1	US Patent	US	DRIVP014	Cook , Bryon Ellegard, Peter Gilles, Louis	Status: Pending Filed: 8/6/2014 Serial #: 14/452,718 Conf #: None		Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD EMPLOYING SELECTIVELY AUTOMATIC EVENT SCORING
DRIVP016C2	US Patent	US	DRIVP014	Cook , Bryon Elcheson, Jannite	Status: Pending Filed: 12/15/2015 Serial #: 14/969,570 Conf #: None		Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD EMPLOYING AUTOMATED DRIVER LOG
DRIVP017C1	US Patent	US	DRIVP014	Cook , Bryon Gilles, Louis	Status: Pending Filed: 6/20/2013 Serial #: 13/923,130 Conf #: None		Title: DRIVER RISK ASSESSMENT SYSTEM AND METHOD HAVING CALIBRATING AUTOMATIC EVENT SCORING
DRIVP019C1	US Patent	US	DRIVP019	Tamari , Roni Botnen, Joshua Donald	Status: Pending Filed: 2/20/2015 Serial #: 14/627,974 Conf #: None		Title: DRIVER PERFORMANCE DETERMINATION BASED ON GEOLOCATION

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP020BR	Foreign Patent	Brazil	DRIVP020	Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Pending Filed: 2/14/2014 Serial #: BR 11 2014 003488-5 Conf #: None		Title: DRIVER IDENTIFICATION BASED ON FACE DATA
DRIVP021C1	US Patent	US	DRIVP021	Nemat-Nasser, Syrus C. Smith, Andrew Tombras Boer, Edwin R.	Status: Pending Filed: 1/23/2015 Serial #: 14/604,588 Conf #: None		Title: DRIVER IDENTIFICATION BASED ON DRIVING MANUEVER SIGNATURE
DRIVP022C2	US Patent	US	DRIVP022	Botnen, Joshua Donald	Status: Pending Filed: 4/28/2015 Serial #: 14/698,283 Conf #: None		Title: DRIVER LOG GENERATION
DRIVP023CN	Foreign Patent	China	DRIVP023	Richardson, Larry Lambert, Daniel	Status: Pending Filed: 9/17/2014 Serial #: 201380014821.4 Conf #: None		Title: SERVER REQUEST FOR DOWNLOADED INFORMATION FROM A VEHICLE-BASED MONITOR
DRIVP023EP	Foreign Patent	EPO	DRIVP023	Richardson, Larry Lambert, Daniel	Status: Pending Filed: 9/3/2014 Serial #: 1378746.1 Conf #: None		Title: SERVER REQUEST FOR DOWNLOADED INFORMATION FROM A VEHICLE-BASED MONITOR
DRIVP026C1	US Patent	US	DRIVP026	Nemat-Nasser, Syrus C. Williams, Christopher S.	Status: Pending Filed: 12/23/2015 Serial #: None Conf #: None		Title: CAPTURING DRIVING RISK BASED ON VEHICLE STATE AND AUTOMATIC DETECTION OF A STATE OF A LOCATION
DRIVP027	US Patent	US		Lambert, Daniel Bohnen, Joshua Donald	Status: Pending Filed: 1/8/2013 Serial #: 13/736,839 Conf #: None		Title: DEVICE DETERMINED BANDWIDTH SAVING IN TRANSMISSION OF EVENTS
DRIVP028C1	US Patent	US	DRIVP020	Sutton, Gregory Dean Butch, Tom Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Pending Filed: 12/2/2015 Serial #: 14/956,731 Conf #: None		Title: USING PASSIVE DRIVER IDENTIFICATION AND OTHER INPUT FOR PROVIDING REAL-TIME ALERTS OR ACTIONS
DRIVP029C1	US Patent	US	DRIVP029	Nemat-Nasser, Syrus C.	Status: Pending Filed: 12/23/2014 Serial #: 14/581,712 Conf #: None		Title: DIRECT OBSERVATION EVENT TRIGGERING OF DROWSINESS

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP036	US Patent	US		Lambert, Daniel Botnen, Joshua Donald	Status: Pending Filed: 1/8/2013 Serial #: 13/736,842 Conf #: None	Expires: 7/17/2033	Title: SERVER DETERMINED BANDWIDTH SAVING IN TRANSMISSION OF EVENTS
DRIVP036C1	US Patent	US	DRIVP036	Lambert, Daniel Botnen, Joshua Donald	Status: Pending Filed: 6/22/2015 Serial #: 14/746,572 Conf #: None		Title: SERVER DETERMINED BANDWIDTH SAVING IN TRANSMISSION OF EVENTS
DRIVP036EP	Foreign Patent	EPO	DRIVP036	Lambert, Daniel Botnen, Joshua Donald	Status: Pending Filed: No Date Serial #: 13870646.0 Conf #: None		Title: SERVER DETERMINED BANDWIDTH SAVING IN TRANSMISSION OF EVENTS
DRIVP037	US Patent	US		Kypri, Niki Cook, Bryon Botnen, Joshua Donald	Status: Pending Filed: 9/12/2013 Serial #: 14/025,699 Conf #: None		Title: SAFETY SCORE BASED ON COMPLIANCE AND DRIVING
DRIVP038C1	US Patent	US	DRIVP038	Lambert, Daniel Van Nortwick, John Shirey, Michael	Status: Pending Filed: 12/3/2014 Serial #: 14/559,812 Conf #: None		Title: MANAGING THE CAMERA ACQUIRING INTERIOR DATA
DRIVP038EP	Foreign Patent	EPO	DRIVP038	Lambert, Daniel Van Nortwick, John Shirey, Michael	Status: Pending Filed: 7/16/2014 Serial #: 14177294.7 Conf #: None		Title: MANAGING THE CAMERA ACQUIRING INTERIOR DATA
DRIVP039	US Patent	US		Cook, Bryon Kypri, Niki	Status: Pending Filed: 8/28/2013 Serial #: 14/012,136 Conf #: None		Title: SAFETY SCORE USING VIDEO DATA BUT WITHOUT VIDEO
DRIVP040C1	US Patent	US	DRIVP040	Lambert, Daniel Richardson, Larry Nemat-Nasser, Syrus C. Surpi, Gabriela	Status: Pending Filed: 6/30/2015 Serial #: 14/755,948 Conf #: None		Title: DYNAMIC UPLOADING PROTOCOL
DRIVP040PCT	PCT	PCT	DRIVP040	Lambert, Daniel Richardson, Larry Nemat-Nasser, Syrus C. Surpi, Gabriela	Status: Pending Filed: 8/22/2014 Serial #: PCT/US14/52364 Conf #: None		Title: DYNAMIC UPLOADING PROTOCOL

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP041C1	US Patent	US	DRIVP041	Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Pending Filed: 9/8/2015 Serial #: 14/847,543 Conf #: None		Title: PASSIVE DRIVER IDENTIFICATION
DRIVP041PCT	PCT	PCT	DRIVP041	Nemat-Nasser, Syrus C. Smith, Andrew Tombras	Status: Pending Filed: 4/29/2015 Serial #: PCT/US15/28251 Conf #: None		Title: PASSIVE DRIVER IDENTIFICATION
DRIVP042C1	US Patent	US	DRIVP023	Lambert, Daniel Richardson, Larry	Status: Pending Filed: 12/10/2015 Serial #: 14/965,035 Conf #: None		Title: TRIGGERING A SPECIALIZED DATA COLLECTION MODE
DRIVP043C1	US Patent	US	DRIVP043	Hoye, Brett Lambert, Daniel Sutton, Gregory Dean	Status: Pending Filed: 12/10/2015 Serial #: 14/965,043 Conf #: None		Title: AUTOMATIC ENGAGEMENT OF A DRIVER ASSISTANCE SYSTEM
DRIVP044	US Patent	US		Hoye, Brett Lambert, Daniel Sutton, Gregory Dean	Status: Pending Filed: 12/22/2013 Serial #: 14/138,081 Conf #: None		Title: AUTONOMOUS DRIVING COMPARISON AND EVALUATION
DRIVP044PCT	PCT	PCT	DRIVP044	Hoye, Brett Lambert, Daniel Sutton, Gregory Dean	Status: Pending Filed: 12/2/2014 Serial #: PCT/US14/68180 Conf #: None		Title: AUTONOMOUS DRIVING COMPARISON AND EVALUATION
DRIVP045C1	US Patent	US	DRIVP045	Lambert, Daniel Peter, Brendan	Status: Pending Filed: 12/21/2015 Serial #: 14/977,342 Conf #: None		Title: DELETING UNNECESSARY MAP DATA
DRIVP046C1	US Patent	US	DRIVP046	Sutton, Gregory Dean	Status: Pending Filed: 11/24/2015 Serial #: 14/951,294 Conf #: None		Title: VEHICLE EVENT RECORDER MOBILE PHONE MOUNT
DRIVP048	US Patent	US	DRIVP048+	Bonhomme, Jerome	Status: Pending Filed: 7/21/2014 Serial #: 14/336,874 Conf #: None		Title: AUTOMATIC GEOFENCE DETERMINATION

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DRIVP048PCT	PCT	PCT	DRIVP048+	Bonhomme, Jerome	Status: Pending Filed: 7/22/2015 Serial #: PCT/US15/39068 Conf #: None		Title: AUTOMATIC GEOFENCE DETERMINATION
DRIVP049	US Patent	US		Richardson, Larry	Status: Pending Filed: 7/11/2014 Serial #: 14/329,830 Conf #: None		Title: MARKING STORED VIDEO
DRIVP050	US Patent	US		Ribble, Dennis Sutton, Gregory Dean	Status: Pending Filed: 10/31/2014 Serial #: 14/530,503 Conf #: None		Title: CALIBRATION OF ADVANCED DRIVER ASSISTANCE SYSTEM
DRIVP051	US Patent	US		Hoye, Brett Krotosky, Stephen	Status: Pending Filed: 2/25/2015 Serial #: 14/631,708 Conf #: None		Title: POTHOLE DETECTION
DRIVP052	US Patent	US		Bonhomme, Jerome	Status: Pending Filed: 9/29/2014 Serial #: 14/500,732 Conf #: None		Title: PROACTIVE DRIVER WARNING
DRIVP052PCT	PCT	PCT	DRIVP052	Bonhomme, Jerome	Status: Pending Filed: 8/11/2015 Serial #: PCT/US15/44591 Conf #: None		Title: PROACTIVE DRIVER WARNING
DRIVP053	US Patent	US		Surpi, Gabriela	Status: Pending Filed: 7/24/2014 Serial #: 14/340,426 Conf #: None		Title: BACK-END EVENT RISK ASSESSMENT WITH HISTORICAL COACHING PROFILES
DRIVP054	US Patent	US		Lambert, Daniel	Status: Pending Filed: 10/24/2014 Serial #: 14/523,744 Conf #: None		Title: DRIVER PRODUCTIVITY SNAPSHOTS AND DYNAMIC CAPTURE OF DRIVER STATUS
DRIVP055	US Patent	US		Lambert, Daniel	Status: Pending Filed: 11/21/2014 Serial #: 14/550,732 Conf #: None		Title: DYNAMIC CONFIGURATION OF EVENT RECORDER CONTENT CAPTURE

Case Number	Case Type	Country	Priority Case Number	Inventor Name	Status, Filing Date, App. Serial No.	Pat/Reg No., Issue/Reg Date	Title
DRIVP056+	US Patent	US		Hoye, Brett	Status: Pending Filed: 8/12/2015 Serial #: 62/204,356 Conf #: None		Title: DRIVER COACHING FROM VEHICLE TO VEHICLE AND INFRASTRUCTURE COMMUNICATIONS
DRIVP057	US Patent	US		Lambert, Daniel	Status: Pending Filed: 8/11/2015 Serial #: 14/823,937 Conf #: None		Title: DRIVER CONSENT MANAGEMENT
DRIVP057PCT	PCT	PCT	DRIVP057	Lambert, Daniel	Status: Pending Filed: 10/23/2015 Serial #: PCT/US15/57191 Conf #: None		Title: DRIVER CONSENT MANAGEMENT
DRIVP058	US Patent	US		Kypri, Niki	Status: Pending Filed: 7/30/2015 Serial #: 14/814,253 Conf #: None		Title: DRIVER COMPLIANCE RISK ADJUSTMENTS
DRIVP059	US Patent	US		Kukreja, Muskan	Status: Pending Filed: 9/11/2015 Serial #: 14/852,038 Conf #: None		Title: DRIVER FUEL SCORE
DRIVP060	US Patent	US		Surpi, Gabriela Edmonds, Timothy	Status: Pending Filed: 10/16/2015 Serial #: 14/885,254 Conf #: None		Title: PROXIMITY EVENT DETERMINATION WITH LANE CHANGE INFORMATION
DRIVP061	US Patent	US		Surpi, Gabriela	Status: Pending Filed: 11/12/2015 Serial #: 14/939,998 Conf #: None		Title: TRAFFIC ESTIMATION
DRIVP063	US Patent	US		Nguyen, Vincent	Status: Pending Filed: 12/11/2015 Serial #: 14/966,325 Conf #: None		Title: DRIVING ABNORMALITY DETECTION
DRIVP064	US Patent	US		Surpi, Gabriela	Status: Pending Filed: 12/10/2015 Serial #: 14/965,791 Conf #: None		Title: RUNNING CHARACTERISTIC FOR FREQUENT DATA READINGS

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DRIVP065	US Patent	US		Hoye, Brett Surpi, Gabriela	Status: Pending Filed: 8/31/2015 Serial #: 14/841,376 Conf #: None		Title: DETECTING RISKY DRIVING WITH MACHINE VISION
DRIVP066	US Patent	US		Quach, Quoc Chan Podlevsky, Phillip	Status: Pending Filed: 12/11/2015 Serial #: 14/966,503 Conf #: None		Title: SYSTEM FOR CAPTURING A DRIVER IMAGE
DRIVP067	US Patent	US		Cook, Bryon Quach, Quoc Chan	Status: Pending Filed: 12/21/2015 Serial #: 14/976,399 Conf #: None		Title: SYSTEM FOR AUTOMATICALLY CHARACTERIZING A VEHICLE
DRIVP068	US Patent	US		Quach, Quoc Chan Surpi, Gabriela	Status: Pending Filed: 12/15/2015 Serial #: 14/970,257 Conf #: None		Title: ENVIRONMENTAL CONDITION-BASED RISK LEVEL
DRIVP069	US Patent	US		Kukreja, Muskan	Status: Pending Filed: 12/10/2015 Serial #: 14/965,018 Conf #: None		Title: ROUTE SAFETY SCORE

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