

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | U.S. BANK, NATIONAL ASSOCIATION | 08/31/2017 |
| RECEIVING PARTY DATA | | |
| Name: | LYTX, INC. | |
| Street Address: | 9785 TOWNE CENTER DRIVE | |
| City: | SAN DIEGO | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 92121 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 14034296 |
| CORRESPONDENCE DATA | | |
| Fax Number: | (312)862-2200 | |
| <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> | | |
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| ATTORNEY DOCKET NUMBER: | 25598-10 MN | |
| NAME OF SUBMITTER: | MICHELLE NOWICKI | |
| SIGNATURE: | /Michelle Nowicki/ | |
| DATE SIGNED: | 01/08/2020 | |
| Total Attachments: 15 | | |
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RELEASE OF SECURITY INTEREST IN PATENTS

THIS RELEASE OF SECURITY INTEREST IN PATENTS ("Release") is made as of this 31st day of August 2017, by U.S. BANK, NATIONAL ASSOCIATION, in its capacity as agent ("Agent"), in favor of LYTX, INC., a Delaware corporation ("Borrower"), and Padres Holdings, Inc., a Delaware corporation (together with Borrower, the "Companies").

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and adequacy of which are hereby acknowledged, Agent hereby releases its liens on and security interests in the Companies' 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 of the Companies against third parties for past, present or future infringement of any patent, including any patent listed on Schedule A hereto;

which liens and security interests were established under and pursuant to that certain Patent Security Agreement dated March 15, 2016, executed by the Companies in favor of Agent and recorded with the United States Patent and Trademark Office on March 15, 2016 at Reel/Frame 038103/0508, and reassigns any and all rights to such assets to the Companies.

The Agent hereby requests and authorizes that the Commissioner of Patents of the United States Patent and Trademark Office to record this Release.

[Signature Page Follows]

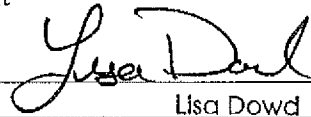
IN WITNESS WHEREOF, Agent has caused this Release to be duly executed by its
duly authorized officer as of the day and year first above written.

U.S. BANK, NATIONAL ASSOCIATION,
as Agent

By: _____

Name: _____

Title: _____



Lisa Dowd

Vice President

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 Etcheson, 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 | | Tamari, 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, 966 2916 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 |
| DRIVP006C1 | 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: 8/28/2026 | Title: SYSTEM AND METHOD FOR IDENTIFYING NON-EVENT PROFILES |
| DRIVP011 | US Patent | US | DRIVP006 | Echleson, 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 | Echleson, 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 | Echleson, 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 Ellegard, Peter Li, Hongying | Status: Issued Filed: 1/26/2009 Serial #: 12/359,787 Conf #: None | Issued: 9/18/2012 Pat #: 8,269,617 Expires: 1/9/2030 | Title: METHOD AND SYSTEM FOR TUNING THE EFFECT OF VEHICLE CHARACTERISTICS ON RISK PREDICTION |
| DRIVP014C1 | US Patent | US | DRIVP014 | Cook, Bryon Ellegard, 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 Ellegard, 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 Ellegaard, 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, Jamie | 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 Borner, 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, Edwin 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 | Bouten, 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 Nortwick, 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 Lafleur, 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 Li, 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 Eicheson, Jamie | 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 |
| DRIVP021CI | US Patent | US | DRIVP021 | Nemat-Nasser, Syrus C. Smith, Andrew Tombras Boer, Erwin R. | Status: Pending Filed: 1/23/2015 Serial #: 14/604,588 Conf #: None | | Title: DRIVER IDENTIFICATION BASED ON DRIVING MANEUVER SIGNATURE |
| DRIVP022C2 | US Patent | US | DRIVP022 | Boinen, 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 #: 13778746.1 Conf #: None | | Title: SERVER REQUEST FOR DOWNLOADED INFORMATION FROM A VEHICLE-BASED MONITOR |
| DRIVP026CI | 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 Botnen, Joshua Donald | Status: Pending Filed: 1/8/2013 Serial #: 13/736,839 Conf #: None | | Title: DEVICE DETERMINED BANDWIDTH SAVING IN TRANSMISSION OF EVENTS |
| DRIVP028CI | 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 |
| DRIVP029CI | 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 | 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 |
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| 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 |

| Case Number | Case Type | Country | Priority Case Number | Inventor Name | Status, Filing Date, App. Serial No. | Pat/Reg No., Issue/Reg Date | Title |
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| DRIVP048PCT | PCT | PCT | DRIVP048+ | Bonhomme, Jerome | Status: Pending Filed: 7/2/2015 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 |
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| 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 | | Supri, 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 | | Supri, 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 | | Supri, Gabriela | Status: Pending Filed: 12/10/2015 Serial #: 14/965,791 Conf #: None | | Title: RUNNING CHARACTERISTIC FOR FREQUENT DATA READINGS |

| Case Number | Case Type | Country | Priority Case Number | Inventor Name | Status, Filing Date, App. Serial No. | Pat/Reg No., Issue/Reg Date | Title |
|-------------|-----------|---------|----------------------|---------------------------------------|--|-----------------------------|--|
| 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, Philip | Status: Pending Filed: 12/11/2015 Serial #: 14/966,503 Conf #: None | | Title: SYSTEM FOR CAPTURING A DRIVER IMAGE |
| DRIVP067 | US Patent | US | | Cook, Byron 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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