

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6493752

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE previously recorded on Reel 054402 Frame 0470. Assignor(s) hereby confirms the ASSIGNEE IS: WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GENERAL ELECTRIC COMPANY	10/14/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
<b>Street Address:</b>	30 ISABELLA ST.
<b>City:</b>	PITTSBURGH
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15212
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16280545
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)584-4062
<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>	
<b>Phone:</b>	314-584-4080
<b>Email:</b>	Docket@splglaw.com
<b>Correspondent Name:</b>	THE SMALL PATENT LAW GROUP, LLC
<b>Address Line 1:</b>	225 S. MERAMEC, SUITE 725
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63105
<b>ATTORNEY DOCKET NUMBER:</b>	WABP10560USCON13 (131US5)
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER R. CARROLL
<b>SIGNATURE:</b>	/Christopher R. Carroll/
<b>DATE SIGNED:</b>	01/13/2021
<b>Total Attachments: 28</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6399598

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	GENERAL ELECTRIC COMPANY	10/14/2020
<b>RECEIVING PARTY DATA</b>		
	<u>Westinghouse Air Brake Technologies Corporation</u>	
<b>Name:</b>	<del>TRANSPORTATION IP HOLDINGS, LLC</del>	
<b>Street Address:</b>	<del>901 MAIN AVENUE</del>	<u>30 Isabella St.</u>
<b>City:</b>	<del>NORWALK</del>	<u>Pittsburgh</u>
<b>State/Country:</b>	<del>CONNECTICUT</del>	<u>Pennsylvania</u>
<b>Postal Code:</b>	<del>06851</del>	<u>15212</u>
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16280545
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(314)584-4062	
	<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>	
<b>Phone:</b>	314-584-4080	
<b>Email:</b>	docket@splglaw.com	
<b>Correspondent Name:</b>	THE SMALL PATENT LAW GROUP LLC	
<b>Address Line 1:</b>	225 S. MERAMEC AVE.	
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63105	
<b>ATTORNEY DOCKET NUMBER:</b>	WABP10560USCON13(131U5) 2	
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER R. CARROLL	
<b>SIGNATURE:</b>	/Christopher R. Carroll/	
<b>DATE SIGNED:</b>	11/13/2020	
<b>Total Attachments: 27</b>		
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## PATENT ASSIGNMENT AND LICENSE AGREEMENT

This **PATENT ASSIGNMENT AND LICENSE AGREEMENT** ("Assignment"), effective as of October 14, 2020 ("Effective Date"), is by and between General Electric Company, on behalf of itself and its affiliates, ("Assignor") and Westinghouse Air Brake Technologies Corporation ("Assignee").

WHEREAS, Assignor hereby desires to deliver and transfer, and cause each of its affiliates to deliver and transfer, to Assignee all of its right, title and interest in, to and under the patents and patent applications set forth on Exhibit A hereto (the "Assigned Patents"); and Assignor desires to receive a non-exclusive, perpetual, worldwide, paid-up, royalty-free license to and under the Assigned Patents; and

WHEREAS, Assignee desires to acquire the Assigned Patents from Assignor; and Assignee agrees to grant Assignor a non-exclusive, perpetual, worldwide, paid-up, royalty-free license to and under the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged:

1. Assignor hereby sells, assigns and transfers, and agrees to cause each of its affiliates to sell, assign and transfer, to Assignee its entire worldwide right, title and interest in, to and under the Assigned Patents, in each case that Assignor (or its affiliate, as applicable) owns, the same to be held and enjoyed by Assignee for its own use and enjoyment and the use and enjoyment of its successors, assigns and other legal representatives as fully and entirely as the same would have been held and enjoyed by Assignor (or its affiliate, as applicable) if this assignment and sale had not been made, as assignee of its respective entire right, title and interest therein, including, without limitation, all rights in and to all income, royalties, damages and payments now or hereafter due or payable with respect thereto, all causes of action (whether in law or in equity) with respect thereto, and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment.
2. This Assignment is binding upon, and inures to the benefit of, the parties hereto and their respective legal representatives, successors and assigns. It is understood that any finding of invalidity of one assignment as effected hereby shall not affect the assignment of other Assigned Patents. All questions concerning the construction, validity and interpretation of this Assignment and the performance of the obligations imposed by this Assignment shall be governed by, and construed in accordance with, the laws of the State of New York without regard to the choice of law principles thereof.
3. Upon reasonable request by Assignee, Assignor will, and will cause each of its affiliates to, execute additional documents and take other actions as may be necessary or desirable to record or memorialize the assignments of the Assigned Patents set forth herein, and to vest in Assignee such right, title, and interest in and to the Assigned Patents as sold, assigned and transferred to Assignee hereunder.
4. Assignor hereby authorizes and requests the officials of the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign jurisdiction, to record

Assignee as assignee and owner of the entire right, title and interest in, to and under the Assigned Patents.

5. No waiver, modification or change of any of the provisions of this Assignment shall be valid unless in writing and signed by the party against whom such claimed waiver, modification or change is sought to be enforced.
6. Assignee hereby grants Assignor including Assignor's affiliates an irrevocable, royalty-free, fully paid-up, worldwide, non-exclusive, perpetual, right, license and covenant not to sue, under and to the Assigned Patents and the technology and subject matter described and claimed therein, to use, practice, reproduce, distribute, perform, display, make, have made, sell, offer to sell, have sold, import, grant sublicenses, provide, otherwise exploit and commercialize, conduct research and development and to prepare developments, modifications, derivative works or improvements, including in each case to exploit and otherwise commercialize products and services thereunder. The right, license, and covenant not to sue granted under this Section 6 may, in whole or in part, be assigned or transferred.
7. This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Assignment.

IN WITNESS WHEREOF, the parties hereto, through their authorized representatives, have caused this Assignment to be duly executed and delivered as of the Effective Date.

**As Assignor:**

General Electric Company

By: Buck de Wolf

Name: Buckmaster De Wolf

Title: Vice President, Environment, Health & Safety; Chief Intellectual Property Counsel

**As Assignee:**

Transportation IP Holdings, LLC, on behalf of,  
Westinghouse Air Brake Technologies  
Corporation

By: Shawn McClintic

Name: Shawn McClintic

Title: Vice President

*[Signature Page to Patent Assignment and License Agreement]*

**EXHIBIT A**

**ASSIGNED PATENTS**

<b>Patent Title</b>	<b>Country</b>	<b>Status</b>	<b>Filed Date</b>	<b>Application Number</b>	<b>Patent No.</b>
METHOD FOR ELIMINATING FUEL USE DURING DYNAMIC BRAKING	United States of America	Granted	2002-05-31	10/160867	6803734
METHOD FOR ELIMINATING FUEL USE DURING DYNAMIC BRAKING	United States of America	Granted	2004-09-02	10/933180	7034480
METHOD AND SYSTEM FOR DIAGNOSING MACHINE MALFUNCTIONS	United States of America	Granted	2002-07-24	10/202217	6947797
INTELLIGENT COMMUNICATION SYSTEM FOR LOCOMOTIVES	United States of America	Granted	2002-08-08	10/215207	6862502
INTELLIGENT COMMUNICATION SYSTEM FOR LOCOMOTIVES	Australia	Granted	2003-04-01	2003226156	2003226156
INTELLIGENT COMMUNICATION SYSTEM FOR LOCOMOTIVES	Mexico	Granted	2003-04-01	2004/012461	255931
MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD	United States of America	Granted	2003-07-16	10/621686	7109920
MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD	Canada	Granted	2004-07-14	2533834	2533834
MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD	China	Granted	2004-07-14	200480026311.X	200480026311.X
MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD	India	Granted	2004-07-14	549/DELNP/2006	241678
MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD	Australia	Granted	2004-07-14	2004258182	2004258182

MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD	South Africa	Granted	2004-07-14	2006/00950	2006/00950
HIGH SPEED INSPECTION SYSTEM AND METHOD	United States of America	Granted	2004-03-24	10/808075	7213459
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	United States of America	Granted	2004-06-28	10/878177	7866425
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	Russian Federation	Granted	2005-06-21	2007103167	2389618
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	South Africa	Granted	2005-06-21	2007/000381	2007/000381
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	Australia	Granted	2005-06-21	2005328371	2005328371
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	China	Granted	2005-06-21	200580021809.1	200580021809.1
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	European Patent	Published	2005-06-21	05857469.0	
HYBRID ELECTRIC PROPULSION SYSTEM AND METHOD	India	Granted	2005-06-21	7560/DELNP/2006	278717
SYSTEM AND METHOD FOR ON LINE MONITORING OF INSULATION CONDITION FOR DC MACHINES	United States of America	Granted	2004-12-14	10/905072	7042229
SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL	United States of America	Granted	2005-06-30	11/173299	7285926
SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL	Australia	Granted	2006-06-19	2006266295	2006266295
SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL	Canada	Granted	2006-06-19	2613519	2613519



SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL	China	Granted	2006-06-19	200680024065.3	200680024065.3
SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL	India	Granted	2006-07-19	9728/DELNP/2007	278032
SYSTEM AND METHOD FOR LOCOMOTIVE ADHESION CONTROL	South Africa	Granted	2006-06-19	2008/00443	2008/00443
Method, Apparatus and Computer-Readable Code For Detecting On The Fly An Incipient Ground Fault In An Electrical Propulsion System of a Locomotive	United States of America	Granted	2006-03-21	11/385309	7248057
Method, Apparatus and Computer-Readable Code for Magnifying an Incipient Ground Fault and Enable Quick Detection of Such Fault	United States of America	Granted	2006-03-21	11/385310	7102355
Method, Apparatus and Computer-Readable Code For Detecting On The Fly An Incipient Ground Fault In An Electrical Propulsion System of a Locomotive	United States of America	Granted	2007-06-13	11/762163	7501830
Method, Apparatus and Computer-Readable Code For Detecting An Incipient Ground Fault In An Electrical Propulsion System	United States of America	Granted	2007-06-13	11/762216	7498819
Method, Apparatus and Computer-Readable Code For Detecting An Incipient Ground	United States of America	Granted	2007-06-13	11/762312	7498820

Fault In An Electrical Propulsion System								
Method, Apparatus and Computer-Readable Code For Detecting On The Fly An Incipient Ground Fault In An Electrical Propulsion System of a Locomotive	Canada	Granted	2008-05-29	2632677	2632677		2632677	
SYSTEM AND METHOD FOR MANAGING A FLEET OF REMOTE ASSETS	United States of America	Granted	2000-12-13	09/736495			7783507	
SYSTEM AND METHOD FOR DETERMINING TRUE GROUND SPEED IN A LOCOMOTIVE	United States of America	Granted	1999-08-23	09/378945			6194850	
A METHOD AND SYSTEM FOR ANALYZING FAULT AND SNAPSHOT OPERATIONAL PARAMETER DATA FOR DIAGNOSTICS OF MACHINE MALFUNCTIONS	United States of America	Granted	1999-11-12	09/438271			6336065	
WEB INFORMATION VAULT	Mexico	Granted	2000-08-23	2002/001971			233349	
WEB INFORMATION VAULT	Australia	Granted	2000-08-23	2005200603			2005200603	
WEB INFORMATION VAULT	United States of America	Granted	1999-10-01	09/410553			6263265	
WEB INFORMATION VAULT	Canada	Granted	2000-08-23	2382972			2382972	
REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	United States of America	Granted	2000-05-19	09/574907			6430481	
REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	United States of America	Granted	2002-06-10	10/166435			6580975	

REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	Germany (Federal Republic of)	Granted	2000-10-25	60013882.8	1227962
REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	United Kingdom	Granted	2000-10-25	00973842.8	1227962
REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	Italy	Granted	2000-10-25	00973842.8	1227962
CALL RECOVERY PROCESS AND APPARATUS FOR A REMOTE MONITORING SYSTEM	United States of America	Granted	2000-10-26	09/697250	6718238
REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	Canada	Granted	2000-10-25	2387868	2387868
REMOTE VERIFICATION OF SOFTWARE CONFIGURATION INFORMATION	Australia	Granted	2000-10-25	12308/01	776680
IMPROVED GROUND SPEED CALCULATION FOR LOCOMOTIVE LIGHT LOAD	United States of America	Granted	2002-02-26	09/683874	6600979
DETECTION OF LOSS OF COOLING AIR TO TRACTION MOTOR	United States of America	Granted	2004-01-08	10/755186	6847187
SYSTEM AND METHOD FOR MONITORING PARAMETERS IN CONTAINERS	United States of America	Granted	2006-09-28	11/536030	7775083
SYSTEM AND METHOD FOR MONITORING PARAMETERS IN CONTAINERS	European Patent	Published	2006-09-28	06815875.7	
SYSTEM AND METHOD FOR MONITORING PARAMETERS IN CONTAINERS	Japan	Granted	2006-09-28	2009-513125	5203357

SYSTEM AND METHOD FOR MONITORING PARAMETERS IN CONTAINERS	United States of America	Granted	2010-07-08	12/832328	8468871
SYSTEM AND METHOD FOR MONITORING PARAMETERS IN CONTAINERS	China	Granted	2006-09-28	200680054725.2	ZL200680054725.2
SYSTEM AND METHOD FOR MONITORING PARAMETERS IN CONTAINERS	India	Granted	2006-09-28	8875/DELNP/2008	297620
METHODS AND SYSTEMS FOR CALIBRATION OF RFID SENSORS	United States of America	Granted	2008-05-12	12/118950	7911345
METHODS AND SYSTEMS FOR CALIBRATION OF RFID SENSORS	Japan	Granted	2009-05-11	2011-509440	6162925
METHODS AND SYSTEMS FOR CALIBRATION OF RFID SENSORS	Germany (Federal Republic of)	Granted	2009-05-11	09746862.3	602009042621.4
METHODS AND SYSTEMS FOR CALIBRATION OF RFID SENSORS	France	Granted	2009-05-11	09746862.3	2274708
METHODS AND SYSTEMS FOR CALIBRATION OF RFID SENSORS	United Kingdom	Granted	2009-05-11	09746862.3	2274708
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	Russian Federation	Granted	2007-11-20	2009115832	2457472
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	Russian Federation	Granted	2007-11-20	2012113401	2606170
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	Germany (Federal Republic of)	Granted	2007-11-20	07873622.0	2084521
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	France	Granted	2007-11-20	07873622.0	2084521

SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	United Kingdom	Granted	2007-11-20	07873622.0	2084521
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	Brazil	Application	2007-11-20	PI0718971-0	PI0718971-0
SYSTEM FOR ASSEMBLING AND UTILIZING RFID SENSORS IN CONTAINERS	China	Granted	2007-11-20	200780043014.X	ZL200780043014.X
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	European Patent	Granted	2007-11-20	07873622.0	2084521
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	India	Granted	2007-11-20	2829/DELNP/2009	299325
SYSTEM FOR ASSEMBLING AND UTILIZING SENSORS IN CONTAINERS	Japan	Published	2007-11-20	2009-538484	
METHODS AND SYSTEMS FOR VITAL BUS ARCHITECTURE	United States of America	Granted	2008-01-08	11/970918	8260487
SYSTEM AND METHOD FOR DETERMINING A CHARACTERISTIC OF AN OBJECT ADJACENT TO A ROUTE	United States of America	Granted	2008-09-18	12/212717	8712610
METHODS AND SYSTEMS FOR BATTERY CHARGING MANAGEMENT	United States of America	Granted	2007-06-25	11/767971	7893658
A VEHICLE DETERMINATION SYSTEM AND METHOD USING A KALMAN FILTER AND CRITICAL MILEPOST DATA (as amended)	United States of America	Granted	2007-11-27	11/998103	9606240

LOCATION DETERMINATION SYSTEM FOR VEHICLES	Germany (Federal Republic of)	Granted	2008-09-25	602008047320.1	2215495
LOCATION DETERMINATION SYSTEM FOR VEHICLES	United Kingdom	Granted	2008-09-25	08855283.1	2215495
RADIO FREQUENCY SENSOR CIRCUITRY BASED SENSING DEVICE	United States of America	Granted	2007-12-07	11/952671	8018342
RADIO FREQUENCY SENSOR CIRCUITRY BASED SENSING DEVICE	European Patent	Granted	2008-12-04	08857124.5	2227776
RADIO FREQUENCY SENSOR CIRCUITRY BASED SENSING DEVICE	Japan	Granted	2008-12-04	2010-537036	5451631
DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	United States of America	Granted	2008-05-21	12/124413	8508368
DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	Japan	Granted	2009-05-20	2011-509974	5562944
DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	India	Granted	2009-05-20	6831/CHENP/2010	303988
DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	China	Granted	2009-05-20	200980119023.1	ZL200980119023.1
DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	France	Granted	2009-05-20	09749859.6	2279485
DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	United Kingdom	Granted	2009-05-20	09749859.6	2279485

DISPOSABLE SENSING DEVICE HAVING RADIO FREQUENCY BASED SENSOR	Germany (Federal Republic of)	Granted	2009-05-20	09749859.6	602009050112.7
SYSTEM, METHOD, AND COMPUTER SOFTWARE CODE FOR PROVIDING AN AUXILIARY COMMUNICATION PATH WHEN A PRIMARY COMMUNICATION PATH IS UNAVAILABLE	United States of America	Granted	2008-09-17	12/212079	9419816B2
SYSTEM AND METHOD FOR OPTIMIZING VEHICLE PERFORMANCE IN PRESENCE OF CHANGING OPTIMIZATION PARAMETERS	United States of America	Granted	2008-10-03	12/245242	8645047
SYSTEM AND METHOD FOR OPTIMIZING POWER SYSTEM PERFORMANCE IN PRESENCE OF CHANGING OPTIMIZATION PARAMETERS	China	Granted	2008-11-03	200880124591.6	101909965B
SYSTEM AND METHOD FOR GENERATING A	United States of America	Granted	2008-10-09	12/248180	8521344
ROUTE NAVIGATION DATABASE SENSORS HAVING GAP BASED SENSING DEVICES AND METHODS OF MAKING AND USING THE SAME	United States of America	Granted	2008-09-25	12/237571	8159347
SENSORS HAVING GAP BASED SENSING DEVICES AND METHODS OF MAKING AND USING THE SAME	Germany (Federal Republic of)	Granted	2009-09-23	09816525.1	602009053090.9

SENSORS HAVING GAP BASED SENSING DEVICES AND METHODS OF MAKING AND USING THE SAME	United Kingdom	Granted	2009-09-23	09816525.1	2329254
SENSORS HAVING GAP BASED SENSING DEVICES AND METHODS OF MAKING AND USING THE SAME	Japan	Granted	2009-09-23	2011-528982	5596692
SENSORS HAVING GAP BASED SENSING DEVICES AND METHODS OF MAKING AND USING THE SAME	India	Granted	2009-09-23	1559/DELNP/2011	332188
Sensor Having Gap Based Sensing Devices and Methods of Making and Using the Same	China	Published	2009-09-23	201611244149.X	
SENSORS HAVING GAP BASED SENSING DEVICES AND METHODS OF MAKING AND USING THE SAME	France	Granted	2009-09-23	09816525.1	2329254
SYSTEM AND METHOD FOR CONTROLLING A POWERED VEHICLE	Australia	Granted	2010-02-20	2017202037	2017202037
SYSTEM AND METHOD FOR CONTROLLING A POWERED VEHICLE	Australia	Application	2010-02-20	2018201488	
SYSTEM, METHOD, AND COMPUTER SOFTWARE CODE FOR DISTRIBUTING AND MANAGING DATA FOR USE BY A PLURALITY OF SUBSYSTEMS ON A LOCOMOTIVE	United States of America	Granted	2009-08-10	12/538608	8295998



SYSTEM, METHOD, AND COMPUTER SOFTWARE CODE FOR DISTRIBUTING AND MANAGING DATA FOR USE BY A PLURALITY OF SUBSYSTEMS ON A LOCOMOTIVE	Australia	Granted	2010-02-20	2010215834	2010215834
SYSTEM AND METHOD FOR CONTROLLING A POWERED VEHICLE	Canada	Granted	2010-02-20	2770871	2,770,871
SYSTEM AND METHOD FOR CONTROLLING A POWERED VEHICLE	Australia	Granted	2010-02-20	2015200455	2015200455
SYSTEMS AND METHODS FOR USING FERRITE ALIGNMENT KEYS IN WIRELESS REMOTE SENSORS	United States of America	Granted	2008-12-09	12/330590	7948385
SYSTEMS AND METHODS FOR USING FERRITE ALIGNMENT KEYS IN WIRELESS REMOTE SENSORS	Japan	Granted	2009-12-02	2011-539478	5562975
SYSTEM AND METHOD FOR USING FERRITE ALIGNMENT KEY IN WIRELESS REMOTE SENSOR	China	Granted	2009-12-02	200980150108.6	ZL200980150108.6
SYSTEMS AND METHODS FOR USING FERRITE ALIGNMENT KEYS IN WIRELESS REMOTE SENSORS	India	Published	2009-12-02	3536/CHENP/2011	
METHODS AND SYSTEMS FOR INTEGRATED INTERROGATION OF RFID SENSORS	United States of America	Granted	2010-06-30	12/827611	8717146
METHODS AND SYSTEMS FOR INTEGRATED INTERROGATION OF RFID SENSORS	China	Granted	2011-06-21	201180032851.9	ZL201180032851.9

METHODS AND SYSTEMS FOR INTEGRATED INTERROGATION OF RFID SENSORS	European Patent	Published	2011-06-21	11801236.8	
METHODS AND SYSTEMS FOR INTEGRATED INTERROGATION OF RFID SENSORS	Japan	Granted	2011-06-21	2013-518326	6240502
METHOD AND SYSTEM FOR PERFORMANCE ENHANCEMENT OF RESONANT SENSORS	United States of America	Granted	2009-10-30	12/609131	8736425
METHOD AND SYSTEM FOR PERFORMANCE ENHANCEMENT OF RESONANT SENSORS	Japan	Granted	2010-10-27	2012-536756	5651185
METHOD AND SYSTEM FOR PERFORMANCE ENHANCEMENT OF RESONANT SENSORS	China	Granted	2010-10-27	201080049643.5	ZL201080049643.5
METHOD AND SYSTEM FOR PERFORMANCE ENHANCEMENT OF RESONANT SENSORS	Germany (Federal Republic of)	Granted	2010-10-27	602010029780.2	2494315
METHOD AND SYSTEM FOR PERFORMANCE ENHANCEMENT OF RESONANT SENSORS	France	Granted	2010-10-27	10827242.8	2494315
METHOD AND SYSTEM FOR PERFORMANCE ENHANCEMENT OF RESONANT SENSORS	United Kingdom	Granted	2010-10-27	10827242.8	2494315
SYSTEM, METHOD, AND COMPUTER SOFTWARE CODE FOR PROVIDING REAL TIME OPTIMIZATION OF A MISSION PLAN FOR A POWERED SYSTEM	United States of America	Granted	2009-02-04	12/365359	8788135
TEMPERATURE INDEPENDENT PRESSURE SENSOR AND ASSOCIATED METHODS THEREOF	China	Granted	2011-06-16	201180031959.6	201180031959.6

TEMPERATURE INDEPENDENT PRESSURE SENSOR AND ASSOCIATED METHODS THEREOF	Japan	Granted	2011-06-16	2013-518325	5826263
TEMPERATURE INDEPENDENT PRESSURE SENSOR AND ASSOCIATED METHODS THEREOF	European Patent	Published	2011-06-16	11801234.3	
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD	United States of America	Granted	2009-10-02	12/572950	8405250
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD	Germany (Federal Republic of)	Granted	2010-10-01	10771235.8	2484000
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Armenia	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Azerbaijan	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Belarus	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Kyrgyzstan	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Kazakhstan	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Moldova	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Russian Federation	Granted	2010-10-01	201290124	027097

ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Tajikistan	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD (aka FPGA based Inverter Firing Scheme)	Turkmenistan	Granted	2010-10-01	201290124	027097
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD	United States of America	Granted	2010-10-01	12/896195	8400016
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD	Australia	Granted	2010-10-01	2010300432	2010300432
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD	China	Granted	2010-10-01	201080045685.1	201080045685.1
ELECTRONIC DEVICE CONTROL SYSTEM AND METHOD	Eurasian Patent Convention	Granted	2010-10-01	201290124	027097
POWER TRANSFER SYSTEM AND METHOD	United States of America	Granted	2010-06-24	12/822232	8292052
METHOD AND SYSTEM FOR DATA PROCESSING	United States of America	Granted	2010-12-16	12/969702	8719382
METHOD AND SYSTEM FOR DATA PROCESSING	United States of America	Granted	2014-04-07	14/246619	10,469,579
METHOD AND SYSTEM FOR DATA PROCESSING	Australia	Application	2015-04-07	2015201740	
METHOD AND SYSTEM FOR DATA PROCESSING	South Africa	Granted	2015-04-07	2015/02318	2015/02318
POSITION ESTIMATION SYSTEM AND METHOD	United States of America	Granted	2011-11-30	13/307707	8751127
POSITION ESTIMATION SYSTEM AND METHOD	Australia	Granted	2014-05-23	2014100539	2014100539
POSITION ESTIMATION SYSTEM AND METHOD	European Patent	Published	2012-11-08	12798923.4	
TRANSPORTATION NETWORK SCHEDULING SYSTEM AND METHOD	United States of America	Granted	2014-01-17	14/158024	9235991B2

DATA DISTRIBUTION SYSTEM AND METHOD	United States of America	Granted	2011-12-05	13/311267	8798807
DATA DISTRIBUTION SYSTEM AND METHOD FOR DISTRIBUTING DATA IN A VEHICLE	Australia	Granted	2013-12-06	2013101598	2013101598
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	United Kingdom	Granted	2012-12-07	12196188.2	2608294
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	France	Granted	2012-12-07	12196188.2	2608294
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	Germany (Federal Republic of)	Granted	2012-12-07	12196188.2	602012035933.1
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	Indonesia	Granted	2012-12-19	P-00201201232	IDP00201201232
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	India	Granted	2012-12-03	3697/DEL/2012	318385
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	Malaysia	Granted	2012-11-30	PI2012005189	166109
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	Japan	Granted	2012-12-18	2012-275240	6134509
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	China	Granted	2012-12-20	201210557392.2	103178245
METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	Korea, Republic of (KR)	Granted	2012-12-18	1020120148315	10-1980917

METHODS OF MAKING AND USING ELECTRODE COMPOSITIONS AND ARTICLES	South Africa	Granted	2012-12-05	2012/09204	2012/09204
SYSTEM AND METHOD FOR RAIL VEHICLE TIME SYNCHRONIZATION	United States of America	Granted	2011-12-28	13/338558	8521345
CONVERTER SWITCH APPARATUS AND METHOD	United States of America	Granted	2012-04-24	13/454292	8717069
Adaptive Gate Drive Unit	Australia	Granted	2013-03-21	2013252840	2013252840
Adaptive Gate Drive Unit	Chile	Application	2013-03-21	2815-2014	
Adaptive Gate Drive Unit	China	Granted	2013-03-21	201380021789.2	104247264
METHOD AND APPARATUS FOR CONTROLLING THERMAL CYCLING	United States of America	Granted	2012-05-11	13/469986	8923022
Thermal cycling control with adaptive gate drive unit	Australia	Granted	2013-04-08	2013260082	2013260082
Thermal cycling control with adaptive gate drive unit	Chile	Published	2013-04-08	2014-02830	
Thermal cycling control with adaptive gate drive unit	Germany (Federal Republic of)	Published	2013-04-08	112013002431.4	
Thermal cycling control with adaptive gate drive unit	Japan	Granted	2013-04-08	2015-511479	6006866
CONVERTER COMMUNICATION METHOD AND APPARATUS	United States of America	Granted	2012-05-14	13/470973	8923365
CONVERTER COMMUNICATION METHOD AND APPARATUS	Australia	Granted	2013-04-11	2013263298	2013263298
CONVERTER COMMUNICATION METHOD AND APPARATUS	Chile	Granted	2013-04-11	2014-02838	55.247
CONVERTER COMMUNICATION METHOD AND APPARATUS	Germany (Federal Republic of)	Examination Requested	2013-04-11	112013002491.8	

CONVERTER COMMUNICATION METHOD AND APPARATUS	Japan	Granted	2013-04-11	2015-512658	6031187
METHOD AND SYSTEM FOR IDENTIFYING A DIRECTIONAL HEADING OF A VEHICLE	United States of America	Granted	2012-03-27	13/431711	8862291
METHOD AND SYSTEM FOR IDENTIFYING A DIRECTIONAL HEADING OF A VEHICLE	Australia	Granted	2014-09-26	2014101188	2014101188
DISTANCE ESTIMATION SYSTEM AND METHOD FOR A RAILWAY VEHICLE	United States of America	Granted	2011-11-30	13/307746	9134411
DISTANCE ESTIMATION SYSTEM AND METHOD FOR A RAILWAY VEHICLE	Australia	Granted	2014-05-28	2014100565	2014100565
DISTANCE ESTIMATION SYSTEM AND METHOD FOR A RAILWAY VEHICLE	European Patent	Published	2012-11-08	12798484.7	
SYSTEM FOR MULTIPLE INVERTER-DRIVEN LOADS	United States of America	Granted	2012-11-20	13/681682	9379542B2
SYSTEM FOR MULTIPLE INVERTER-DRIVEN LOADS	Australia	Published	2012-11-26	2012394964	
SYSTEM FOR MULTIPLE INVERTER-DRIVEN LOADS	China	Granted	2012-11-26	201280060431.6	104220292
SYSTEM FOR MULTIPLE INVERTER-DRIVEN LOADS	Germany (Federal Republic of)	Examination Requested	2012-11-26	112012006907.2	
SYSTEM FOR MULTIPLE INVERTER-DRIVEN LOADS	India	Application	2012-11-26	4112/CHENP/2014	
SYSTEM FOR MULTIPLE INVERTER-DRIVEN LOADS	South Africa	Application	2012-11-26	2015/04038	
HEALTH ASSESSMENT METHOD AND SYSTEM FOR ASSETS	South Africa	Granted	2013-07-05	2013/05089	2013/05089
HEALTH ASSESSMENT METHOD AND SYSTEM FOR ASSETS	Australia	Granted	2013-07-04	2013100910	2013100910

SYSTEMS FOR VEHICLE CONTROL	United States of America	Published	2015-11-09	14/936,670	
ENERGY STORAGE DEVICE AND METHOD	United States of America	Granted	2012-07-18	13/551767	9722216
ENERGY STORAGE DEVICE AND METHOD	Japan	Granted	2013-06-25	2015-523100	6255016
ENERGY STORAGE DEVICE AND METHOD	China	Granted	2013-06-25	201380048607.0	104620406
TRANSPORT SYSTEM AND METHOD	Australia	Granted	2013-07-23	2013100997	2013100997
TRANSPORT SYSTEM AND METHOD	China	Application	2013-07-31	201320464776.X	
SYSTEM AND METHOD FOR MEASURING AN OPERATIVE CONDITION OF A MACHINE	United States of America	Granted	2015-09-29	14/869038	10,598,650
SYSTEM AND METHOD FOR MEASURING AN OPERATIVE CONDITION OF A MACHINE	European Patent	Published	2016-09-28	16191069.0	
SYSTEM AND METHOD FOR MEASURING AN OPERATIVE CONDITION OF A MACHINE	South Africa	Granted	2016-09-14	2016/06343	2016/06343
SYSTEM AND METHOD FOR MEASURING AN OPERATIVE CONDITION OF A MACHINE	China	Published	2016-09-29	201610865645.0	
Wireless Gear Case Health Sensor	Australia	Application	2018-07-05	2018204901	
SENSORLESS ELECTRIC MACHINE	United States of America	Granted	2012-11-01	13/666283	9093878
VOICE INSPECTION GUIDANCE	United States of America	Granted	2012-12-31	13/732303	9620107
ELECTRIC MACHINE HAVING OFFSET ROTOR SECTIONS (as amended October 3, 2013)	United States of America	Granted	2013-09-06	14/019630	9641033



SEGMENTED MAGNET COMPONENT FOR ELECTRIC MACHINE AND METHOD OF ASSEMBLY	United States of America	Granted	2013-05-17	13/896667	9641054
SYSTEM AND METHOD FOR CONTROLLING A VEHICLE	United States of America	Granted	2014-08-20	14/464226	9227515B2
SYSTEM AND METHOD FOR CONTROLLING A VEHICLE	Japan	Granted	2014-08-20	2016-536407	6450761
SYSTEM AND METHOD FOR CONTROLLING A VEHICLE	China	Granted	2014-08-20	201480046454.0	105452569
SYSTEM AND METHOD FOR CONTROLLING A VEHICLE	Eurasian Patent Convention	Granted	2014-08-20	201690220	031441
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	United States of America	Granted	2013-11-21	14/085953	9941775
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	Brazil	Published	2014-11-19	102014028873-2	
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	Canada	Granted	2014-11-06	2869835	2,869,835
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	Chile	Granted	2014-10-20	2014-02963	2014-2963
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	Kazakhstan	Granted	2014-11-14	2014/2531.1	31443
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	Poland	Granted	2014-11-19	P-410191	226888
D-ring implementation in skewed rotor assembly	Australia	Granted	2016-06-15	2016204013	2016204013
D-RING IMPLEMENTATION IN SKEWED ROTOR ASSEMBLY	South Africa	Granted	2014-11-06	2014/08135	2014/08135
EXPERT COLLABORATION SYSTEM AND METHOD	United States of America	Granted	2014-08-14	14/459342	9684903
ENERGY MANAGEMENT SYSTEM AND METHOD FOR A VEHICLE	United States of America	Granted	2015-12-16	14/971415	9550434
ENERGY MANAGEMENT SYSTEM AND METHOD FOR A VEHICLE	Japan	Allowed	2015-12-24	2015-250815	

ENERGY MANAGEMENT SYSTEM AND METHOD FOR A VEHICLE	China	Granted	2015-12-31	201521145563.6	205853902
APPARATUS AND METHOD FOR AUTOMATED POSITIONING OF A VEHICLE	United States of America	Granted	2015-12-11	14/966,723	10,300,804
SYSTEM AND METHOD FOR CONFIGURING AND UPDATING WAYSIDE DEVICES	United States of America	Granted	2014-10-15	14/514809	9522685B2
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	United States of America	Published	2015-09-28	15/771,263	
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	Australia	Examination Requested	2015-09-28	2015410607	
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	China	Published	2015-09-28	201580084916.2	
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	European Patent	Published	2015-09-28	15905531.8	
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	Eurasian Patent Convention	Published	2015-09-28	201890742	
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	India	Application	2015-09-28	201847015770	
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	South Africa	Granted	2015-09-28	2018/02809	2018/02809
APPARATUS AND METHODS FOR ALLOCATING AND INDICATING ENGINE CONTROL AUTHORITY	Ukraine	Granted	2015-09-28	A201804019	118940
Video System for Identifying Transportation Hazard	United States of America	Granted	2015-02-17	14/624069	9873442

AERIAL CAMERA SYSTEM AND METHOD FOR IDENTIFYING ROUTE-RELATED HAZARDS	Australia	Granted	2015-02-17	2015218266	2015218266	2015218266
AERIAL CAMERA SYSTEM AND METHOD FOR IDENTIFYING ROUTE-RELATED HAZARDS	China	Granted	2015-02-17	201580020285.8	201580020285.8	106458238
SYSTEM AND METHOD FOR COMPONENT DETECTION	United States of America	Granted	2014-09-29	14/500352	14/500352	9536311
METHOD AND SYSTEM TO DETERMINE VEHICLE SPEED	United States of America	Granted	2015-12-22	14/979,011	14/979,011	10,176,386
METHOD AND SYSTEM TO DETERMINE VEHICLE SPEED	China	Published	2015-12-29	201511036322.2	201511036322.2	
METHOD AND SYSTEM TO DETERMINE VEHICLE SPEED	Brazil	Examination Requested	2015-12-28	102015032591-6	102015032591-6	
CONVERTER ASSEMBLY AND METHOD	United States of America	Granted	2015-07-23	14/806929	14/806929	9847731
SENSORLESS ELECTRIC MACHINE	United States of America	Granted	2014-12-03	14/559037	14/559037	9906108
SYSTEM AND METHOD FOR OVERCURRENT PROTECTION FOR A FIELD CONTROLLED SWITCH	United States of America	Granted	2015-12-01	14/956165	14/956165	9634657
SYSTEM AND METHOD FOR OVERCURRENT PROTECTION FOR A FIELD CONTROLLED SWITCH	China	Published	2016-12-01	201611272757.1	201611272757.1	
SYSTEM AND METHOD FOR OVERCURRENT PROTECTION FOR A FIELD CONTROLLED SWITCH	Japan	Examination Requested	2016-11-24	2016-227399	2016-227399	
VEHICLE CONTROL SYSTEM AND METHOD	United States of America	Granted	2015-10-26	14/922,787	14/922,787	10,569,792
VEHICLE CONTROL SYSTEM AND METHOD	Australia	Granted	2016-03-11	2016233624	2016233624	2016233624
VEHICLE CONTROL SYSTEM AND METHOD	Germany (Federal Republic of)	Published	2016-03-11	112016001257.8	112016001257.8	

VEHICLE CONTROL SYSTEM AND METHOD	India	Examination Requested	2016-03-11	201747033599	
SENSORLESS ELECTRIC MACHINE	United States of America	Granted	2015-12-18	14/974848	9871418
VEHICLE COMMUNICATION NETWORK SECURITY SYSTEM AND METHOD	United States of America	Granted	2015-12-18	14/974160	9813387
SENSOR SYSTEM	United States of America	Granted	2016-11-29	15/362,866	10,167,004
SENSOR SYSTEM	Australia	Granted	2016-12-16	2016273955	2016273955
SENSOR SYSTEM	South Africa	Granted	2016-12-15	2016/08661	2016/08661
SENSOR SYSTEM	China	Granted	2016-12-16	201611166621.2	ZL201611166621.2
SENSOR SYSTEM	European Patent	Granted	2016-12-12	16203510.9	3182719
SENSOR SYSTEM	India	Application	2016-12-18	201644043176	
SENSOR SYSTEM	Australia	Application	2018-07-25	2018208682	
SENSING SYSTEM AND AN ASSOCIATED METHOD THEREOF	United States of America	Granted	2016-06-21	15/187,934	10,261,036
A SENSING SYSTEM AND AN ASSOCIATED METHOD THEREOF	Patent Cooperation Treaty	Published	2017-06-06	PCT/US2017/036120	
COMMUNICATION SYSTEM FOR CONTROLLING OR MONITORING VEHICLE COMPONENTS	United States of America	Allowed	2016-07-25	15/218529	
VEHICLE OPERATION CONTROL SYSTEM	United States of America	Granted	2016-06-30	15/198,102	10,185,326
VEHICLE COMMUNICATION SYSTEM	United States of America	Published	2016-08-22	15/242832	
SYSTEM FOR REMOTELY OPERATING A VEHICLE SYSTEM	United States of America	Granted	2016-10-17	15/294865	9910433

VEHICLE CONTROL SYSTEM	United States of America	Published	2017-08-08	15/671204	
VEHICLE CONTROL SYSTEM	Patent Cooperation Treaty	Published	2017-08-15	PCT/US17/46839	
VISUAL OBJECT DETECTION SYSTEM	United States of America	Allowed	2018-01-04	15/862238	
SENSING SYSTEM AND METHOD	United States of America	Granted	2016-11-30	15/365,127	10,260,388
SENSING SYSTEM AND METHOD	Patent Cooperation Treaty	Published	2017-10-13	PCT/US17/056495	
EQUIPMENT MAINTENANCE SYSTEM	United States of America	Published	2017-02-17	15/435812	
AUTONOMOUS VEHICLE SYSTEM AND METHOD	United States of America	Published	2017-07-17	15/651630	
TRACTION VEHICLE ADHESION CONTROL SYSTEM WITHOUT GROUND SPEED MEASUREMENT	United States of America	Granted	1999-12-06	09/455431	6208097
METHOD AND SYSTEM FOR PROCESSING REPAIR DATA AND FAULT LOG DATA TO FACILITATE DIAGNOSTICS	United States of America	Granted	1999-04-02	09/285612	6415395
SYSTEM AND METHOD FOR SENSORLESS ROTOR TRACKING OF INDUCTION MACHINES	United States of America	Granted	2000-11-03	09/704593	6388420
SYSTEM AND METHOD FOR VEHICLE DIAGNOSTICS	United States of America	Granted	2018-09-18	16/134,918	10,661,816
SENSOR SYSTEM	France	Granted	2016-12-12	16203510.9	3182719
SENSOR SYSTEM	Germany (Federal Republic of)	Granted	2016-12-12	16203510.9	3182719
SENSOR SYSTEM	United Kingdom	Granted	2016-12-12	16203510.9	3182719

VEHICLE CONTROL SYSTEM	Canada	Application	2017-08-15	3,037,306	
VEHICLE CONTROL SYSTEM	China	Examination Requested	2017-08-15	2017800707048	
VEHICLE CONTROL SYSTEM	European Patent	Published	2017-08-15	17851264.6	
VEHICLE INSPECTION SYSTEM	United States of America	Published	2019-02-20	16/280,486	
SYSTEM, METHOD, AND COMPUTER SOFTWARE CODE FOR DISTRIBUTING AND MANAGING DATA FOR USE BY A PLURALITY OF SUBSYSTEMS ON A VEHICLE	United States of America	Application	2019-02-20	16/280,545	
PHASE MODULE ASSEMBLY OF A MULTI-PHASE INVERTER	United States of America	Published	2019-06-03	16/429,797	
SYSTEM AND METHOD OF ACTIVE POWER CONTROL FOR AN ENERGY STORAGE CHARGING STATION	United States of America	Published	2019-06-25	16/452,102	
SENSING SYSTEM AND METHOD	European Patent	Published	2017-10-13	17875329.9	
RADIO FREQUENCY SENSOR CIRCUITRY BASED SENSING DEVICE	France	Granted	2008-12-04	08857124.5	2227776
RADIO FREQUENCY SENSOR CIRCUITRY BASED SENSING DEVICE	Germany (Federal Republic of)	Granted	2008-12-04	08857124.5	2227776
SYSTEM AND METHOD FOR CONTROLLING A VEHICLE	Kazakhstan	Acknowledged			
SYSTEM AND METHOD FOR CONTROLLING A VEHICLE	Russian Federation	Instructed			

PATENT