

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6463726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QUALCOMM INCORPORATED	11/22/2013
RECEIVING PARTY DATA	
Name:	OMNITRACS, INC.
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16273401
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	035380.00690
NAME OF SUBMITTER:	THOMAS CORRADO
SIGNATURE:	/THOMAS CORRADO/
DATE SIGNED:	12/22/2020
Total Attachments: 26	
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PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (this "Agreement") is entered into on November 22, 2013 (the "Effective Date") by QUALCOMM Incorporated ("QUALCOMM"), a Delaware corporation located at 5775 Morehouse Drive, San Diego, CA 92121, and Omnitracs, Inc. ("Omnitracs"), a Delaware corporation located at 5775 Morehouse Drive, San Diego, CA 92121. QUALCOMM and Omnitracs are referred to herein individually as a "Party" and collectively as the "Parties".

RECITALS

QUALCOMM and Omnitracs desire to set forth in this Agreement the terms and conditions regarding the assignment to Omnitracs of those issued patents and patent applications expressly identified in Exhibit A attached hereto (collectively, the "Transferred Patents").

NOW, THEREFORE, in consideration of the mutual promises set forth in this Agreement, the Parties agree as follows:

AGREEMENT

ARTICLE 1 ASSIGNMENT OF TRANSFERRED PATENTS

QUALCOMM hereby transfers and assigns to Omnitracs all of QUALCOMM's ownership right, title, and interest in and to the Transferred Patents. The foregoing transfer and assignment to Omnitracs includes, without limitation, all rights of enforcement, all claims for damages and all remedies arising out of, relating to or resulting from any such Transferred Patents or any infringements thereof, whether accrued prior to the Effective Date or hereafter, including but not limited to the right to sue for, seek, collect, recover and retain damages and any other relief arising out of or resulting from any past, present or future infringement of any such Transferred Patents, subject to the terms and encumbrances set forth in Article 2.

ARTICLE 2 NO EFFECT ON PREVIOUSLY-GRANTED RIGHTS

Omnitracs acknowledges and agrees to the following:

- (a) The transfer and assignment of the Transferred Patents in accordance with ARTICLE 1 (ASSIGNMENT OF TRANSFERRED PATENTS) does not affect (and nothing in this Agreement is intended to affect) any license rights, covenants (including without limitation covenants not to assert or covenants to exhaust remedies), or other immunities from litigation under, in, or with respect to the Transferred Patents that are or were granted, assumed or otherwise entered into prior to the sale and assignment of the Transferred Patents hereunder (collectively, the "Prior Licenses"), and the Transferred Patents shall remain subject to and encumbered by all such Prior Licenses after such sale and assignment as if Omnitracs had granted such Prior Licenses.

Without limiting the generality of the foregoing, Omnitrac agrees and acknowledges that the Prior Licenses include without limitation those patent license agreements that have been granted to third parties (each, a "Third-Party Licensee") by QUALCOMM as part of QUALCOMM's general patent licensing program, and that after the transfer and assignment of the Transferred Patents, each such Third-Party Licensee shall continue to have the licenses granted under the applicable patent license and each such Third-Party Licensee is a third party beneficiary of this Article.

- (b) QUALCOMM and each of its Affiliates reserves and retains all rights to past, present, and future royalties and other consideration given or to be given in exchange for any license, sublicense, covenant, immunity from litigation, or other rights granted with respect to any Transferred Patent arising or accruing at any time under any agreements executed by QUALCOMM or its Affiliates prior to the Effective Date. QUALCOMM and each of its Affiliates further reserves and retains the right to obtain and receive all such royalties and other consideration arising out of or accruing under any license, sublicense, covenant, immunity from litigation, or other right granted by QUALCOMM or any of its Affiliates.
- (c) QUALCOMM or any of its Affiliates may have made or offered to make one or more of the Transferred Patents subject to express or implied licensing obligations of one or more standards bodies. Accordingly, Omnitrac acknowledges and agrees that the transfer and assignment of the Transferred Patents will be subject to, and Omnitrac will abide by, all such obligations.
- (d) QUALCOMM or any of its Affiliates may have contributed computer code to an open source project or otherwise made computer code subject to the obligations of an Open Source License (collectively, the "Computer Code"). To the extent that one or more claims of the Transferred Patents read on Computer Code, Omnitrac acknowledges and agrees that the Transferred Patents may be subject to the express or implied licensing obligations of an Open Source License. Accordingly, Omnitrac acknowledges and agrees that the transfer and assignment of the Transferred Patents will be subject to, and Omnitrac will abide by, all obligations of any Open Source License governing such Computer Code.

ARTICLE 3 NO IMPLIED RIGHTS

Except for the transfer and assignment of Transferred Patents to Omnitrac under ARTICLE 1 (ASSIGNMENT OF TRANSFERRED PATENTS), this Agreement does not transfer, assign, grant or convey to any Party any rights or licenses, whether express, implied, by way of estoppel or otherwise, under any patents or other intellectual property rights.

**ARTICLE 4
FURTHER ASSURANCES**

With respect to each Transferred Patent transferred and assigned to Omnitrac under this Agreement, at Omnitrac's request, QUALCOMM will provide reasonable cooperation to the extent necessary to assist Omnitrac in recording and perfecting its ownership interest in each such Transferred Patent.

**ARTICLE 5
GOVERNING LAW**

This Agreement is entered into in San Diego, California, and shall be governed by and construed in accordance with the laws of the State of California, United States of America, as if performed wholly within the State of California and without giving effect to any principles of conflicts of law that would result in the application of the laws of a different jurisdiction. Any dispute, claim or controversy arising out of or relating to this Agreement, or the breach or validity hereof, shall be adjudicated only by a court of competent jurisdiction located in the county of San Diego, State of California.

**ARTICLE 6
GENERAL PROVISIONS**

6.1 Headings. All headings used in this Agreement are inserted for convenience only and are not intended to affect the meaning or interpretation of any portion of this Agreement.

6.2 Counterparts. This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement, and shall become effective when one or more counterparts have been signed by each Party hereto and delivered to the other Parties hereto. Each Party may execute this Agreement by facsimile, stamp or mechanical signature. Each Party expressly adopts and confirms each such facsimile, stamp or mechanical signature made in its respective name as if it were a manual signature, agrees that it will not assert that any such signature is not adequate to bind such Party to the same extent as if it were signed manually and agrees that at the reasonable request of the other Party at any time it will as promptly as reasonably practicable cause this Agreement to be manually executed (any such execution to be effective as of the date of the initial date hereof or thereof). Furthermore, delivery of an executed signature page (whether executed manually or with a facsimile, stamp or mechanical signature) of this Agreement by facsimile or electronic transmission shall be effective as delivery of a manually executed counterpart hereof.

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IN WITNESS WHEREOF, the Parties hereto have caused this Patent Assignment Agreement to be effective as of the Effective Date.

QUALCOMM Incorporated, a Delaware corporation located at 5775 Morehouse Drive, San Diego, CA 92121

By: 
Name: Derek K. Aberle
Title: Executive Vice President

Signature page to Patent Assignment Agreement

PATENT
REEL: 054826 FRAME: 0032

Omnitracs, Inc. , a Delaware corporation
located at 5775 Morehouse Drive, San Diego,
CA 92121

By: DA Civalo
Name: David A. Civalo
Title: Chief Counsel

Signature page to Patent Assignment Agreement

EXHIBIT A
TRANSFERRED PATENTS

Exhibit A to Patent Assignment Agreement

1168615 v6/11N

PATENT
REEL: 054826 FRAME: 0034

Exhibit A to Patent Assignment Agreement

Disclosure Number	Docket Number	Application Title	National Filed Date	Application Number	Patent Status	Grant Number	Grant Date	Country
000070DF	000070	Battery charging system employing multi-mode low power fast charge process	19-Jun-03	09/597,889	Granted	6,215,282	10-Apr-01	United States
000163DF	000163CA	Cargo sensing system and method	10-Oct-02	2406218	Granted	2,406,218	7-Apr-13	Canada
000181DF	000181MX	Cargo sensing system and method	14-Oct-02	PA/02002/010150	Granted	226415	23-Feb-05	Mexico
000191DF	000191	Cargo sensing system and method	14-Apr-00	09/549,813	Granted	5,437,702	20-Aug-02	United States
000181DF	000181BK	Cargo sensing system and method	11-Oct-02	PI0110004-1	Filed			Brazil
000227DF	000227	Lock and Release Mechanism for a Wireless Device	5-Jun-00	09/587,685	Granted	7,072,689	4-Jul-06	United States
000387DF	000387MX	Battery monitoring system with low power and end-of-life messaging and shutdown	20-Jan-03	PA/02003/000546	Inactive	245678	7-May-07	Mexico
000587DF	000587	Battery monitoring system with low power and end-of-life messaging and shutdown Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	20-Jul-00	09/619,863	Granted	7,024,371	4-Apr-06	United States
010063DF	010063CA	Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	29-Aug-03	2439720	Filed			Canada
010063DF	010063	Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	2-Mar-01	09/796,481	Granted	6,922,133	26-Jul-05	United States
010063DF	010063CI	Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	20-Apr-05	31/111,082	Granted	7,242,279	10-Jul-07	United States
010063DF	010063HK	Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	25-May-04	04103749.4	Inactive			Hong Kong
010063DF	010063BR	Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	1-Sep-03	PI0207797-3	Inactive			Brazil
010063DF	010063CP	Method and apparatus for providing a proof of delivery verification for freight transportation systems	29-Aug-03	02709636.9	Filed			European Patent Convention
010063DF	010063MX	Method and Apparatus for Providing a Proof of Delivery Verification for Freight Transportation Systems	2-Sep-03	PA/02003/007917	Granted	241061	13-Oct-05	Mexico
010187DF	010187CA	Electronic locking device and method of operating same	28-Aug-03	2439614	Granted	2439614	15-Nov-11	Canada
010187DF	010187	Electronic Locking Device and Method of Operating Same	2-Mar-01	09/796,363	Granted	6,776,068	17-Aug-04	United States
010187DF	010187HK	Electronic Locking Device and Method of Operating Same	24-May-04	04103678.9	Inactive			Hong Kong
010187DF	010187EP	Electronic Locking Device and Method of Operating Same	29-Aug-03	02709378.3	Inactive			European Patent Convention
010187DF	010187MX	Electronic Locking Device and Method of Operating Same	2-Sep-03	PA/02003/007918	Granted	247003	4-Jul-07	Mexico
010187DF	010187BR	Electronic Locking Device and Method of Operating Same	1-Sep-03	PI0207795-5	Filed			Brazil
010188DF	010188CA	Method and Apparatus for Providing Virtual Capacity to a Provider of Services	28-Apr-04	2485226	Filed			Canada

Exhibit A to Patent Assignment Agreement

Discipline Number	Docket Number	Application Title	National Filing Date	Application Number	Patent Status	Grant Number	Grant Date	Country
010188DF	010188D2	Method and apparatus for providing virtual capacity to a provider of services	24-Jul-06	11/492,630	Granted	7,711,591	4-May-10	United States
010188DF	010188	Method and Apparatus for Providing Virtual Capacity to a Provider of Services	29-Oct-03	10/000,347	Granted	7,210,984	1-May-07	United States
010188DF	010188HK	Capacity to a Provider of Services	27-Jan-05	05/007,220	Inactive			Hong Kong
010188DF	010188SR	Method and Apparatus for Providing Virtual Capacity to a Provider of Services	28-Apr-04	002136929	Filed			Brazil
010188DF	010188B1-D1	Method and Apparatus for Providing Virtual Capacity to a Provider of Services	16-Apr-07	002160507	Filed			Brazil
010188DF	010188EP	Method and Apparatus for Providing Virtual Capacity to a Provider of Services	29-Apr-04	007805423	Inactive			European Patent Convention
010188DF	010365	Selectively Focused Output Energy	28-Aug-01	09/041,316	Granted	6,512,495	28-Jan-03	United States
010188DF	010507	Computer Assisted Driver Vehicle Inspection Reporting System	22-May-95	08/445,822	Granted	5,680,228	21-Oct-97	United States
010508DF	010508	Vehicle State Mileage Determination System	13-Dec-96	08/763,375	Granted	5,954,773	21-Sep-99	United States
010508DF	010509A1	Detection of truck speed sensor failure using GPS	18-Dec-96	08/767,241	Granted	6,011,451	4-Jan-00	United States
010510DF	010510	Vehicle State Mileage Determination System and Method for Indicating the System	20-Sep-99	09/599,247	Granted	6,181,995	30-Jan-03	United States
010511DF	010511WX	Improper Removal of a Storage Medium Before Completion of a Write Cycle	19-May-00	PA/02000/004453	Granted	233771	13-Jan-06	Mexico
010511DF	010511	System and Method for Indicating the Improper Removal of a Storage Medium Before Completion of a Write Cycle	10-May-99	09/607,676	Granted	6,772,234	3-Aug-04	United States
020070DF	020070	Method and Apparatus for Controlling a Valve During a Hazard Event	19-Nov-03	10/718,284	Granted	7,326,464	24-Oct-06	United States
020075DF	020075CA	System for providing online service reports	13-May-04	2467132	Granted	2467132	19-Jun-12	Canada
020075DF	020075MX	System for Providing Online Service Reports	13-May-04	0004620	Granted	247116	9-Jul-07	Mexico
020075DF	020075	System for providing online service reports	13-Nov-01	10/010,587	Granted	7,765,297	27-Jul-10	United States
020075DF	020075BR	System for Providing Online Service Reports	13-May-04	0014099-3	Filed			Brazil
020122DF	020122C1	Asset apparany method and apparatus	12-Jan-10	12/685,778	Granted	8,078,117	13-Dec-11	United States
020122DF	020122	Asset apparany method and apparatus	18-Feb-04	10/782,594	Granted	8,064,841	22-Nov-11	United States
020144DF	020144CA	Auto-fill message fields in a communication terminal	3-Aug-04	0475181	Granted	2475181	18-Jan-11	Canada
020144DF	020144MX	Auto-fill message fields in a communication terminal	11-Aug-04	PA/02006/007781	Granted	254175	15-Feb-08	Mexico
020144DF	020144	Auto-fill Message Fields in a Communication Terminal	11-Feb-02	10/074,140	Granted	6,925,308	2-Aug-05	United States
020144DF	020144BR	Auto-fill Message Fields in a Communication Terminal	10-Aug-04	P0307555-9	Filed			Brazil
020144DF	020144ES	Auto-fill Message Fields in a Communication Terminal	27-Mar-13	03703092.5	Granted	EP1481486	17-Mar-13	Spain

Exhibit A to Patent Assignment Agreement

Disclosure Number	Docket Number	Application Title	National Filing Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0201440DF	0201440DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Granted	EP1481486	27-Mar-13	Germany
0201441DF	0201441DF	Auto-Fill Message Fields in a Communication Terminal	2-Sep-04	03709092.5	Granted	EP1481486	27-Mar-13	European Patent Convention
0201442DF	0201442DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Granted	EP1481486	27-Mar-13	Italy
0201443DF	0201443DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Granted	EP1481486	27-Mar-13	Great Britain
0201444DF	0201444DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Granted	EP1481486	27-Mar-13	Netherlands
0201445DF	0201445DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Granted	EP1481486	27-Mar-13	France
0201446DF	0201446DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Inactive	001451486	27-Mar-13	Luxembourg
0201447DF	0201447DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Inactive	EP1481486	27-Mar-13	Monaco
0201448DF	0201448DF	Auto-Fill Message Fields in a Communication Terminal	27-Mar-13	03709092.5	Inactive	03481486	27-Mar-13	Switzerland
0202970DF	0202970MX	propagation delays for use in wide area networks and apparatus for determining propagation delays for use in wide area networks	3-Aug-05	PA/a/2005/008295	Granted	255842	7-May-08	Mexico
0202971DF	0202971C1	Method and Apparatus for Determining Propagation Delays for Use in Wide Area Networks	12-Dec-11	13/523,482	Granted	8,463,184	11-Jun-13	United States
0202972DF	020297	Method and apparatus for determining propagation delays for use in wide area networks	3-Feb-03	10/357,834	Granted	7,363,009	22-Apr-08	United States
0202973DF	0202973	Method and apparatus for determining propagation delays for use in wide area networks	4-Mar-08	12/042,127	Granted	8,078,114	13-Dec-11	United States
0202974DF	0202974IN	Method and Apparatus for Providing a Hazardous Material Alert	3-Aug-05	1795/CHENP/2005	Inactive	223326	9-Sep-08	India
0203340DF	0203340MX	Method and apparatus for providing a hazardous material alert	15-Mar-06	PA/a/2005/002980	Inactive			Mexico
0203341DF	0203341C1	Method and apparatus for providing a hazardous material alert	13-Feb-12	13/371,965	Granted	8,427,280	23-Apr-13	United States
0203342DF	0203342	Method and apparatus for providing a hazardous material alert	16-Sep-03	10/663,405	Granted	6,135,608	14-Feb-12	United States
0203343DF	0203343HK	Method and Apparatus for Providing a Hazardous Material Alert	15-Nov-06	06112569.0	Filed			Hong Kong
0203344DF	0203344BR	Method and Apparatus for Providing a Hazardous Material Alert	15-Mar-06	PI0414429.5	Filed			Brazil
0203345DF	0203345DE	Method and apparatus for providing a hazardous material alert	27-Nov-08	602004018662.7	Granted	EP1665172	27-Nov-08	Germany
0203346DF	0203346EP	Method and apparatus for providing a hazardous material alert	15-Mar-06	04788670.0	Granted	EP1665172	27-Nov-08	European Patent Convention
0203347DF	0203347GB	Method and apparatus for providing a hazardous material alert	27-Nov-08	04788670.0	Granted	EP1665172	27-Nov-08	Great Britain
0203348DF	0203348FR	Method and apparatus for providing a hazardous material alert	27-Nov-08	04788670.0	Inactive	EP1665172	27-Nov-08	France
0203660DF	0203660	Vehicle security system and method	7-Jul-09	12/498,731	Filed			United States
0203661DF	0203661	Vehicle security system and method	29-Sep-03	10/674,041	Filed			United States
0203662DF	0203662EP	Vehicle Security System and Method	15-Feb-05	03785273.8	Inactive			European Patent Convention

Exhibit A to Patent Assignment Agreement

Disclosure Number	Docket Number	Application Title	National Filing Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0203680F	0203680M	Vehicle Security System and Method	12-Aug-03	PA/02/2005/001743	Inactive			Mexico
0205170F	0205170	Apparatus and methods for speed management and control	23-Feb-06	13/363,221	Granted	7,660,653	9-Feb-10	United States
0205170F	0205170N	Apparatus and methods for speed management and control	13-Aug-08	1749/MUMN/2008	Filed			India
0205170F	020517E5	Apparatus and methods for speed management and control	21-Dec-11	07757364.0	Granted	EP1987502	21-Dec-11	Spain
0205170F	020517DE	Apparatus and methods for speed management and control	21-Dec-11	020807019528.4	Granted	EP1987502	21-Dec-11	Germany
0205170F	020517EP	Apparatus and methods for speed management and control	15-Aug-08	07757364.0	Granted	EP1987502	21-Dec-11	European Patent Convention
0205170F	020517EPD1	Apparatus and methods for speed management and control	11-Jul-11	11173469.5	Filed			European Patent Convention
0205170F	020517IT	Apparatus and methods for speed management and control	21-Dec-11	07757364.0	Granted	EP1987502	21-Dec-11	Italy
0205170F	020517GB	Apparatus and methods for speed management and control	21-Dec-11	07757364.0	Granted	EP1987502	21-Dec-11	Great Britain
0205170F	020517FR	Apparatus and methods for speed management and control	21-Dec-11	07757364.0	Granted	EP1987502	21-Dec-11	France
0205170F	020517TW	Apparatus and Methods for Speed Management and Control	26-Feb-07	096106535	Inactive			Taiwan
0205170F	020517JP	Apparatus and methods for speed management and control	25-Aug-08	2008-356549	Inactive			Japan
0205170F	020517CN	Apparatus and methods for speed management and control	20-Aug-08	200780005024.6	Inactive			China P.R.
0205230F	020523M4	Method and apparatus for detecting communication network delays	5-Sep-05	PA/02/2005/009464	Granted	257447	28-May-08	Mexico
0205230F	020523	Method and Apparatus for Detecting Communication Network Delays	4-Mar-03	107482,194	Granted	6,810,235	26-Oct-04	United States
0205230F	020523RU	Method and apparatus for detecting communication network delays	3-Oct-05	2005130635	Granted	2340102	27-Nov-08	Russian Federation
0205230F	020523BR	Method and Apparatus for Detecting Communication Network Delays	5-Sep-05	PI0408074-2	Filed			Brazil
0205230F	020523EP	Method and Apparatus for Detecting Communication Network Delays	5-Sep-05	067717469.3	Inactive			European Patent Convention
0205510F	020561	Multi-resolution frequency tracking loop system and method	3-Dec-02	107409545	Granted	7,751,508	6-Jul-10	United States
0206500F	020650	Dryer Interface Unit (DUI)	28-Feb-03	297176,664	Granted	0495,322	31-Aug-04	United States
0300620F	030062	Method and apparatus for providing a personal security system	27-Mar-03	107402582	Granted	7,561,028	14-Jul-09	United States
0300620F	030062KR	Method and apparatus for providing a personal security system	27-Sep-05	2005-7018269	Inactive			Republic of Korea
0300620F	030062BR	Method and Apparatus for Providing a Personal Security System	26-Sep-05	PI0408781-0	Filed			Brazil
0300620F	030062IN	Method and apparatus for providing a personal security system	26-Sep-05	2413/CHENP/2005	Inactive	229101	13-Feb-09	India

Exhibit A to Patent Assignment Agreement

Disclosure Number	Docket Number	Application Title	National Filed Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0300621DF	0300625G	Method and Apparatus for Providing a Personal Security System	26-Sep-05	100306390-8	Inactive	116796	31-Oct-07	Singapore
0300621DF	0300621L	Method and apparatus for providing a personal security system	25-Sep-05	171080	Filed			Israel
0301731DF	0301731	radiating coaxial cable for a conformable antenna pattern	27-Jun-06	11/477,104	Granted	7,714,719	11-May-10	United States
0302991DF	0302991	System for providing a virtual vehicle boundary	16-Jun-06	11/449,344	Granted	7,612,668	3-Nov-09	United States
0302991DF	030299	System for Providing a Virtual Vehicle Boundary	25-Jul-03	10/627,531	Granted	7,377,250	5-Feb-08	United States
0304341DF	030434	Method and apparatus for dynamic control of engine settings in a delivery vehicle	29-Mar-06	11/394,060	Filed			United States
0305216DF	0305217W	Self-correcting mobile antenna control system and method	9-Jun-05	094319152	Granted	655537	1-Apr-11	Taiwan
0305211DF	030521	Self-Correcting Mobile Antenna Control System and Method	9-Jun-04	10/864,944	Granted	8,972,724	16-Dec-05	United States
0305211DF	030521MX	Self-Correcting Mobile Antenna Control System and Method	8-Jun-05	PA/0/2006/014317	Inactive			Mexico
0305211DF	030521HK	Self-Correcting Mobile Antenna Control System and Method	28-Aug-07	07109394.5	Inactive			Hong Kong
0305211DF	030521RU	Self-correcting mobile antenna control system and method	9-Jan-07	2007100349	Inactive	2353038	20-Apr-09	Russian Federation
0305211DF	030521EP	Self-correcting mobile antenna control system and method	8-Jan-07	0670927.7	Filed			European Patent Convention
0306021DF	030602	Wireless device caching data proxy	14-Jun-07	11/765,164	Filed			United States
0400091DF	040009MX	Methods and apparatus for detecting local maximums in a two-dimensional data set	20-Oct-06	PA/0/2006/012142	Inactive			Mexico
0400091DF	040009	Methods and Apparatus for Detecting Local Maximums in a Two-Dimensional Data Set	21-Apr-04	10/830,187	Granted	7,463,899	9-Dec-08	United States
0400091DF	040009HK	Methods and apparatus for detecting local maximums in a two-dimensional data set	9-Jul-07	07407311.0	Inactive			Hong Kong
0400091DF	040009EP	Methods and apparatus for detecting local maximums in a two-dimensional data set	20-Oct-05	05731343.9	Inactive			European Patent Convention
0403981DF	040398	Device for sensing tractor trailer connection sensor for detecting whether a tractor and a trailer of a truck are connected	24-Aug-06	11/510,033	Granted	7,619,506	17-Nov-09	United States
0403981DF	040398KR	Sensor for detecting whether a tractor and a trailer of a truck are connected	21-Mar-02	10-2008-7006892	Inactive			Republic of Korea
0403981DF	040398JP	Sensor for detecting whether a tractor and a trailer of a truck are connected	25-Feb-08	3008-528190	Inactive			Japan
0403981DF	040398IN	Sensor for detecting whether a tractor and a trailer of a truck are connected	12-Mar-08	523/NR/IMP/7008	Inactive			India

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0403901DF	Sensor for detecting whether a tractor and a trailer of a truck are connected	06802331.6	14-Mar-08	Inactive			European Patent Convention
0404431DF	Digital over-the-air keying system	127282.715	1-Dec-08	Filed			United States
0405951DF	System for Message Delivery to Field Personnel	MX/a/2007/006289	24-May-07	Inactive			Mexico
0406961DF	System for message delivery to field personnel	107997.137	24-Nov-04	Granted	7,990,964	2-Aug-13	United States
0406964DF	System for message delivery to field personnel	08100559.7	10-Jan-08	Inactive			Hong Kong
0406968DF	System for Message Delivery to Field Personnel	P10518260-3	23-May-07	Inactive			Brazil
0406969DF	System for message delivery to field personnel	05849337.0	24-May-07	Inactive			European Patent Convention
0408291DF	Method and Apparatus for Detecting Cargo State in a Delivery Vehicle	111670.762	2-Mar-05	Granted	7,339,460	1-Mar-08	United States
0408291DF	Method and apparatus for detecting cargo state in a delivery vehicle	06758172.8	18-Sep-07	Inactive			European Patent Convention
0408291DF	Method and Apparatus for Detecting Cargo State in a Delivery Vehicle	08109616.7	29-Aug-06	Inactive			Hong Kong
0408291DF	Method and apparatus for detecting cargo state in a delivery vehicle	2007156393	1-Oct-07	Inactive			Russian Federation
0408291DF	Method and apparatus for detecting cargo state in a delivery vehicle	2006227867	3-Sep-07	Inactive			Australia
0500921DF	Method and apparatus for interlocking communication and tracking applications in a wireless communication device	127942.888	9-Nov-10	Granted	8,396,488	12-Mar-13	United States
0500921DF	Method and apparatus for interlocking communication and tracking applications in a wireless communication device	117345.943	1-Feb-06	Granted	7,853,771	14-Aug-10	United States
0500941DF	Battery management system for determining battery charge sufficiency for a task	117345.808	1-Feb-06	Granted	7,595,642	29-Sep-09	United States
0500951DF	CDMA Wireless Untethered Trailer Tracking Terminal	297239.517	30-Sep-05	Granted	9549,116	21-Aug-07	United States
0500951DF	CDMA Wireless Untethered Trailer Tracking Terminal	297239.516	30-Sep-05	Granted	9548,629	14-Aug-07	United States
0500951DF	Structural Portions of a CDMA Wireless Untethered Trailer Tracking Terminal	297239.523	30-Sep-05	Granted	9548,630	14-Aug-07	United States
0504231DF	Methods and apparatus for providing hours of service management	2636396	20-Oct-06	Granted	2636396	26-Jun-12	Canada
0504231DF	Methods and apparatus for providing hours of service management	MX/a/2008/031402	15-Sep-08	Granted	286213	2-May-11	Mexico
0504231DF	Methods and apparatus for providing hours of service management	117370.600	7-Mar-06	Granted	7,616,105	10-Nov-09	United States
0504231DF	Methods and apparatus for providing hours of service management	07798105.6	15-Sep-08	Filed			European Patent Convention
0505161DF	Vehicle audio integrator	117492.516	24-Jul-06	Granted	8,275,307	25-Sep-12	United States

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Disclosure Number	Sheet Number	Application Title	National Filed Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0507318DF	0507318C1	Method and apparatus for obtaining weather information from road-going vehicles	8-Jul-11	13/179,407	Filed			United States
0507319DF	0507319	Method and apparatus for obtaining weather information from road-going vehicles	2-Aug-06	11/498,371	Granted	7,999,702	16-Aug-11	United States
0507320DF	0507346	System for providing dynamic group and service assignments	1-Apr-05	11/097,664	Filed			United States
0507321DF	0507345B	System for providing dynamic group and service assignments	1-Oct-07	P10607650-5	Filed			Brazil
0507322DF	0507346A	System for providing dynamic group and service assignments	2-Nov-07	7592/DELMP/2007	Filed			India
0507323DF	0507345P	Service Assignments	24-Oct-07	05740999.4	Inactive			European Patent Convention
0507324DF	050732CA	Interactive control of access to services and capabilities of a mobile device	15-Oct-09	2684187	Granted	2,684,187	9-Apr-13	Canada
0507325DF	05073246A	Interactive control of access to services and capabilities of a mobile device	28-Oct-09	466/a/2009/011677	Inactive			Mexico
0507326DF	050732C1	Interactive control of access to services and capabilities of a mobile device	29-Feb-12	13/407,977	Granted	8,359,030	22-Jan-13	United States
0507327DF	050732	Interactive control of access to services and capabilities of a mobile device	3-May-07	11/743,933	Granted	8,150,371	3-Apr-12	United States
0507328DF	050732KR	Interactive control of access to services and capabilities of a mobile device	3-Dec-09	10-3009-7025257	Filed			Republic of Korea
0507329DF	050732IP	Interactive control of access to services and capabilities of a mobile device	4-Nov-09	2010-507539	Inactive			Japan
0507330DF	050732PP01	Interactive control of access to services and capabilities of a mobile device	21-Jun-12	2012-140045	Filed			Japan
0507331DF	050732PP02	Interactive control of access to services and capabilities of a mobile device	18-Apr-13	3013-087502	Filed			Japan
0507332DF	050732CNM	Interactive control of access to services and capabilities of a mobile device	29-Apr-10	10304199.9	Inactive			Hong Kong
0507333DF	050732RU	Interactive control of access to services and capabilities of a mobile device	2-Dec-09	2009144782	Granted	3441270	27-Jan-12	Russian Federation
0507334DF	050732BR	Interactive control of access to services and capabilities of a mobile device	3-Nov-09	P10811482-0	Filed			Brazil
0507335DF	050733IN	Interactive control of access to services and capabilities of a mobile device	15-Oct-09	1579/AMUMAP/2009	Filed			India
0507336DF	050732CN	Interactive control of access to services and capabilities of a mobile device	29-Oct-09	200980014086.9	Filed			China P.R.
0507337DF	050732EP	Interactive control of access to services and capabilities of a mobile device	27-Nov-09	08754993.8	Filed			European Patent Convention
0507338DF	050733EPD1	Interactive control of access to services and capabilities of a mobile device	29-May-12	13169761.5	Filed			European Patent Convention
0507339DF	050732VN	Interactive control of access to services and capabilities of a mobile device	1-Dec-09	1-2009-07594	Filed			Vietnam
0507340DF	050732IL	Interactive control of access to services and capabilities of a mobile device	14-Oct-09	2010520	Inactive			Israel
0507341DF	050732ID	Interactive control of access to services and capabilities of a mobile device	3-Oct-09	1W-00200903391	Inactive			Indonesia

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Disclosure Number	Docket Number	Application Title	National Filing Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0507810F	050781CA	Method and apparatus for separable billing for business and personal airtime use	4-Jan-10	2692694	Filed			Canada
0507810F	050791	Method and apparatus for separable voice billing for business and personal airtime use	12-Jul-07	11/777,026	Filed			United States
0507810F	050781KR01	Method and apparatus for separable billing for business and personal telecommunication connections	12-Jun-12	10-2012-7015175	Filed			Republic of Korea
0507810F	050781KR	Method and apparatus for separable billing for business and personal telecommunication connections	12-Feb-10	10-2010-7009318	Filed			Republic of Korea
0507810F	050781RU	Method and apparatus for separable billing for business and personal telecommunication connections	11-Feb-10	2010104841	Inactive			Russian Federation
0507810F	050781BR	Method and apparatus for separable billing for business and personal telecommunication connections	11-Jan-10	PI0814795-1	Filed			Brazil
0507810F	050781IN	Method and apparatus for separable billing for business and personal telecommunication connections	28-Dec-09	2403/AMUMNP/2009	Filed			India
0507810F	050781EP	Method and apparatus for separable billing for business and personal telecommunication connections	12-Feb-10	09826251.2	Inactive			European Patent Convention
0507810F	050782	Navigation data quality feedback	1-Feb-06	11/245,977	Granted	3,024,114	20-Sep-11	United States
0508130F	050811	Wireless system for providing critical sensor alerts for equipment	19-Sep-05	11/230,352	Granted	3,559,937	15-Oct-13	United States
0508130F	050813RU	Wireless system for automatic ordering of maintenance parts for equipment	18-Apr-08	2008115472	Inactive			Russian Federation
0508130F	050813BR	Wireless system for automatic ordering of maintenance parts for equipment	18-Mar-08	PI0616312-2	Inactive			Brazil
0508130F	050813MX	Wireless system for automatic ordering of maintenance parts for equipment	19-Mar-08	MX/4/2008/03892	Inactive			Mexico
0508130F	050813	Wireless system for automatic ordering of maintenance parts for equipment	19-Sep-05	11/230,759	Filed			United States
0508130F	050813EP	Wireless system for automatic ordering of maintenance parts for equipment	19-Mar-08	05681992.1	Inactive			European Patent Convention
0508250F	050825MX	Method and Apparatus for Asset Geofencing	1-Aug-08	MX/s/2008/009967	Inactive			Mexico
0508250F	050825	Method and apparatus for asset geofencing	1-Feb-06	11/546,495	Filed			United States
0508250F	050825EP	Method and Apparatus for Asset Geofencing	1-Jul-08	07762810.5	Inactive			European Patent Convention
0508270F	050826	Method and apparatus for enhanced privacy while tracking mobile workers	1-Feb-06	11/245,997	Filed			United States
0508270F	050827	Method and apparatus to signal rental asset use completion	1-Feb-06	11/546,012	Filed			United States
0508270F	050827KR01	Method and apparatus to signal rental asset use completion	7-Mar-11	10-2011-7005326	Filed			Republic of Korea
0508270F	050827KR	Method and apparatus to signal rental asset use completion	29-Aug-08	10-2008-7021255	Filed			Republic of Korea

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Disclosure Number	Docket Number	Application Title	International Filing Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0508272DF	0508272P	Method and apparatus to signal rental asset use completion	1-Aug-08	2008-553502	Inactive			Japan
0508273DF	0508273P	Method and apparatus to signal rental asset use completion	21-Jul-08	1535/AR/MNP/2008	Pled			India
0508280DF	0508280C1	Method and apparatus to indicate communication is wanted or waiting	25-Oct-10	12/912,488	Pled			United States
0508283DF	0508283	Method and apparatus to indicate communication is wanted or waiting	1-Feb-06	11,045,809	Granted	7,844,258	30-Nov-10	United States
0508285DF	0508285	GPS radome-mounted antenna assembly	15-Sep-05	11,728,133	Granted	7,346,241	26-Feb-08	United States
0601710DF	0601710CA_01	Stealth antenna	30-Jun-06	12,662,7	Granted	12,662,7	5-Jun-09	Canada
0601710DF	0601710CA	Stealth antenna	28-Jul-06	11,683,8	Pled			Canada
0601710DF	0601710CA	Stealth antenna	28-Jul-06	11,683,9	Granted	11,683,9	5-Jun-09	Canada
0601710DF	0601710MX	Ornamental design for stealth antenna	28-Jul-06	PA/72006/001457	Granted	25,094	5-Feb-02	Mexico
0601710DF	0601710MX	Ornamental design for stealth antenna	28-Jul-06	PA/72006/001458	Granted	25,083	5-Feb-02	Mexico
0601710DF	0601710HK	Ornamental design for stealth antenna	31-Jul-06	0601999.4	Granted	0601999.4	29-May-08	Hong Kong
0601710DF	0601710HK	Ornamental design for stealth antenna	31-Jul-06	0602000.8	Pled			Hong Kong
0601710DF	0601710CN	A stealth antenna	31-Jul-06	200630131286.3	Granted	200630131286.3	7-May-08	China P.R.
0601710DF	0601710CN	Establishing and securing a unique wireless RF link between a tractor and a trailer using a wired connection	5-Jan-07	11,756,478	Granted	7,760,077	20-Jul-10	United States
0604080DF	0604080L2CA	Remote control device	21-Dec-06	11,877,7	Granted	11,877,7	7-Feb-08	Canada
0604080DF	0604080L4CA	Remote control device	21-Dec-06	11,877,4	Granted	11,877,4	7-Feb-08	Canada
0604080DF	0604080L1CA	Remote control device	21-Dec-06	11,877,5	Granted	11,877,5	7-Feb-08	Canada
0604080DF	0604080L3CA	Remote control device	21-Dec-06	11,877,5	Granted	11,877,5	7-Feb-08	Canada
0604080DF	0604080L5CA	Remote control device	21-Dec-06	11,877,8	Granted	11,877,8	7-Feb-08	Canada
0604080DF	0604080L4MX	Remote control device	19-Dec-05	PA/72006/002537	Granted	26,253	2-Jul-08	Mexico
0604080DF	0604080L3MX	Remote control device	19-Dec-05	PA/72006/002536	Granted	26,204	4-Jul-08	Mexico
0604080DF	0604080L2MX	Remote control device	19-Dec-05	PA/72006/002601	Granted	26,203	4-Jul-08	Mexico
0604080DF	0604080L1MX	Remote control device	20-Dec-05	PA/72006/003602	Granted	25,081	5-Feb-08	Mexico
0604080DF	0604080L5MX	Remote control device	19-Dec-06	PA/72006/002538	Granted	26,202	4-Jul-08	Mexico
0604080DF	0604080L1	Remote control device	28-Jun-06	29/262,347	Granted	05,71,308	17-Jun-08	United States
0604080DF	0604080L5	Remote control device	28-Jun-06	29/262,339	Granted	05,88,354	17-Mar-09	United States
0604080DF	0604080L4	Remote control device	28-Jun-06	29/262,344	Granted	05,71,307	17-Jun-08	United States
0604080DF	0604080L3	Remote control device	28-Jun-06	29/262,340	Granted	05,89,461	31-Mar-09	United States
0604080DF	0604080L2	Remote control device	28-Jun-06	29/262,341	Granted	05,71,306	17-Jun-08	United States
0604080DF	0604080L1CN	Remote control device	28-Dec-06	2006301308637.X	Inactive	2,206,301,806,37.X	21-May-08	China P.R.
0604080DF	0604080L2CN	Method for determining the null point of a signal	4-Apr-07	11,696,660	Granted	8,286,463	16-Oct-12	United States

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0607231DF	060763	Apparatus and method for measuring operational data for equipment using sensor breach durations	12-Jul-07	117777235	Filed			United States
0609091DF	060909	Keeler fuel tax reporting for the transport industry	28-Jun-07	117768798	Filed			United States
0609571DF	060957	Driver notification	12-Sep-06	117222206	Filed			United States
0611741DF	061174C1	Critical event reporting	9-Apr-10	17757459	Granted	8,060,843	16-Aug-11	United States
0611741DF	061174	Critical event reporting	14-Sep-06	117531841	Granted	7,725,216	25-May-10	United States
0614081DF	06140813CA	Media display unit	21-Dec-06	118769	Granted	1,187,69	31-Jan-08	Canada
0614081DF	06140813CA	Media display unit	21-Dec-06	118767	Granted	1,187,67	31-Jan-08	Canada
0614081DF	06140813CA	Media display unit	21-Dec-06	118768	Granted	1,187,68	31-Jan-08	Canada
0614081DF	06140813MX	Media display unit	20-Dec-06	PA/070806/003600	Granted	2,606,7	15-Jun-08	Mexico
0614081DF	06140813MX	Media display unit	20-Dec-06	PA/070905/002599	Granted	2,606,1	13-Jun-08	Mexico
0614081DF	06140813MX	Media display unit	20-Dec-06	PA/070906/002603	Granted	2,608,2	5-Feb-08	Mexico
0614081DF	06140813	Media display unit	27-Jun-06	297262266	Granted	955,5,649	20-Nov-07	United States
0614081DF	06140811	Media display unit	27-Jun-06	297262315	Granted	955,1,665	25-Sep-07	United States
0614081DF	06140812	Media display unit	27-Jun-06	297262221	Granted	955,4,636	6-Nov-07	United States
0614081DF	06140812	Mobile group data distribution	23-Sep-07	11,859,345	Granted	8,088,498	23-Aug-11	United States
0616341DF	06163401	Fluorescent dye to improve primer coverage accuracy for bonding applications	13-May-11	137407602	Granted	8,410,992	2-Apr-13	United States
0616341DF	061634	Fluorescent dye to improve primer coverage accuracy for bonding applications	17-Jul-07	117779236	Granted	8,036,815	18-Oct-11	United States
0616361DF	061636	Systems and methods for automatically tuning a frequency modulator in a mobile device	24-Dec-07	11,962,717	Granted	8,027,645	27-Sep-13	United States
0616371DF	061637	Systems and methods for automatically searching a database to tune a frequency modulator in a mobile device	21-Dec-07	11,962,707	Granted	8,478,288	2-Jul-13	United States
0617771DF	061777	Data rate selection in a constant power variable data rate two-way mobile satellite communication link	6-Jan-07	11,759,108	Granted	7,929,482	19-Apr-11	United States
0618271DF	061827	Routing drivers to trailers effectively	20-Sep-07	11,658,876	Filed			United States
0618831DF	061883	Hardware continuity loop for preventing vehicle misappropriation	6-Feb-09	127376752	Granted	8,508,352	13-Aug-13	United States
0618871DF	061887	System and methods for remotely upgrading software applications	31-Jul-07	11,831,879	Granted	8,170,540	1-May-12	United States
0618871DF	061887C1	System and methods for remotely upgrading software applications	1-May-12	137461386	Granted	8,594,653	26-Nov-13	United States
0618881DF	061888	Method and apparatus for the distribution of configuration data	6-Feb-09	127376725	Filed			United States
0618891DF	061889C1	Vehicle identification system	7-Jan-13	12,986,823	Filed			United States
0618891DF	061889	Vehicle identification system	14-Sep-06	137523976	Granted	7,894,876	27-Feb-11	United States
0618921DF	061892C1	Wi-Fi-based display	5-Feb-09	127376739	Granted	8,471,649	25-Jun-13	United States

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Disclosure Number	Booklet Number	Application Title	National Filed Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0618921DF	0618921A	Ku-band coaxial to microstrip mixed electric PCB interface with surface mount diplexer	1-Jul-10	12/376,759	Filed			United States
0619210DF	0619210A	Compact display unit	20-Mar-12	13/434,992	Filed			United States
0619301DF	0619301A	Compact display unit	11-Sep-06	11/519,319	Granted	8,140,137	20-Mar-12	United States
0619602DF	0619602A	Four-wire journaling system and method for sensing cargo loads and trailer movement	21-Mar-08	12/053,157	Filed			United States
0704991DF	0704991A	System and method for sensing cargo loads and trailer movement	29-Jan-08	12/021,667	Granted	8,179,286	15-May-12	United States
0704992DF	0704992A	System and method for sensing cargo loads and trailer movement	26-Jul-10	27/133,911	Filed			Canada
0704993DF	0704993A	System and method for sensing cargo loads and trailer movement	22-Jul-10	168/6/2010/008284	Granted	2,959,914	9-Feb-12	Mexico
0704994DF	0704994A	System and method for sensing cargo loads and trailer movement	15-Aug-12	13/472,268	Filed			United States
0704995DF	0704995A	System and method for sensing cargo loads and trailer movement	26-Apr-11	11/041,284	Filed			Hong Kong
0704996DF	0704996A	System and method for sensing cargo loads and trailer movement	24-Aug-10	809/05/039.2	Filed			European Patent Convention
0705470DF	0705470A	Speed limit violation systems and methods for determining a speed limit violation	9-Oct-11	27/575,600	Filed			Canada
0706479DF	0706479A	Speed limit violation systems and methods for determining a speed limit violation	23-Apr-09	12/028,574	Filed			United States
0708030DF	0708030A	System and method for charging a rechargeable battery	31-Sep-07	11/959,074	Granted	9,405,361	26-Mar-13	United States
0708250DF	0708250A	Mobile wireless medication management system	16-Aug-07	11/839,723	Granted	8,538,775	17-Sep-13	United States
0708251DF	0708251A	A mobile wireless medication management system	15-Mar-10	10-2010-7005614	Inactive			Republic of Korea
0708252DF	0708252A	A mobile wireless medication management system	16-Feb-10	2010-521215	Inactive			Japan
0708253DF	0708253A	A mobile wireless medication management system	8-Feb-10	257/MUMNP/3010	Filed			India
0710091DF	0710091A	A mobile wireless medication management system	10-Feb-10	20080102918.X	Inactive			China P.R.
0712471DF	0712471A	Context aware message presentation system for alerting remote vehicle operator of unsafe transportation network conditions	30-Oct-08	12/261,237	Filed			United States
0714041DF	0714041A	Method of monitoring cabus information and apparatus for providing navigation support for private premises	15-Aug-07	11/639,446	Filed			United States
0717210DF	0717210A	Method and apparatus for providing navigation support for private premises	25-Jan-08	12/020,464	Filed			United States
0717220DF	0717220A	Method and apparatus for providing navigation support for private premises	13-Jun-12	27/840,936	Filed			Canada
0717221DF	0717221A	Method and apparatus for providing navigation support for private premises	28-May-12	MX/a/2012/006135	Filed			Mexico
0717222DF	0717222A	Method and apparatus for providing navigation support for private premises	19-Feb-09	11/643,725	Granted	8,463,546	11-Jun-13	United States
0719670DF	0719670A	System for pairing vehicle components	12-Jul-12	10/989,113	Filed			European Patent Convention
0719671DF	0719671A	System for pairing vehicle components	8-Mar-11	27/367,036	Filed			Canada
0719672DF	0719672A	System for pairing vehicle components	2-Oct-08	12/247,095	Granted	8,538,838	17-Sep-13	United States

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Disclosure Number	Docet Number	Application Title	National Filed Date	Application Number	Patent Status	Grant Number	Grant Date	Country
0719571DF	071967C1	System and method for managing moveable objects	13-Aug-13	13/965,432	Filed			United States
0723501DF	072350CN	Dual transducer cargo sensor device	5-May-08	200830321347.7	Inactive			China P.R.
0723501DF	072350ND	Dual transducer cargo sensor device	5-May-08	A-0020081287	Granted	100021837-D	5-Sep-11	Indonesia
0723501DF	072350CA	Dual transducer cargo sensor device	2-May-08	135872	Inactive			Canada
0723501DF	072350	Dual transducer cargo sensor device	5-Nov-07	29/297,143	Granted	0583,299	25-Nov-08	United States
0723501DF	072350BR	Dual transducer cargo sensor device	5-May-08	D16801603-4	Granted	D16801603-4	22-Sep-09	Brazil
0723501DF	072350EP	Dual transducer cargo sensor device	5-May-08	000879039	Filed			European Community Design
0821931DF	082193CA	Wireless provisioning solution for target devices	10-Jan-12	2767765	Filed			Canada
0821931DF	082193	Wireless provisioning solution for target devices	20-Jul-09	127506,142	Granted	9,331,923	11-Dec-12	United States
0821931DF	082193C1	Wireless provisioning solution for target devices	8-Nov-12	13/671,740	Filed			United States
1028831DF	102883WD	Systems and methods for vehicle monitoring with processing interruption tolerance	14-May-12	PCT/US2012/037818	Filed			Patent Cooperation Treaty
1028831DF	102883	Systems and methods for vehicle monitoring with processing interruption tolerance	12-May-11	15/107,304	Granted	9,399,019	19-Nov-13	United States
1028831DF	102883C1	Systems and methods for vehicle monitoring with processing interruption tolerance	15-Oct-13	14/053,878	Filed			United States
1032491DF	103249WD	Systems and methods for processing operational gear data of a vehicle	21-Sep-12	PCT/US2012/056732	Filed			Patent Cooperation Treaty
1032491DF	103249	Systems and methods for processing operational gear data of a vehicle	20-Sep-12	13/633,598	Filed			United States
1106671DF	110667WD	Systems for and methods of engine derating	28-Sep-12	PCT/US2012/058071	Filed			Patent Cooperation Treaty
1106671DF	110667	Systems for and methods of engine derating	27-Sep-12	15/628,881	Filed			United States
1106671DF	110667CA	System and method for integrating smartphone technology into a safety management platform to improve driver safety	28-Mar-12	2775319	Filed			Canada
1106671DF	110667MX	System and method for integrating smartphone technology into a safety management platform to improve driver safety	23-Mar-12	MX/a/2012/003524	Filed			Mexico
1106671DF	110667	System and method for integrating smartphone technology into a safety management platform to improve driver safety	11-Feb-10	12/708,038	Filed			United States

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1109581DF	1109581EP	System and method for integrating smartphone technology into a safety management platform to improve driver safety	30-Mar-12	108203981.8	Filed			European Patent Convention
1109751DF	1109751WO	Method and system for collecting, analyzing and displaying fleet performance data	21-Sep-12	PCT/US2012/056680	Filed			Patent Cooperation Treaty
1109751DF	1109751	Method and system for collecting, analyzing and displaying fleet performance data	20-Sep-12	13/633,649	Filed			United States
1109761DF	1109761WO	System and method for generating real-time alert notifications in an asset tracking system	20-Dec-12	PCT/US2012/071003	Filed			Patent Cooperation Treaty
1109761DF	1109761	System and method for generating real-time alert notifications in an asset tracking system	18-Dec-12	13/718,798	Filed			United States
1109771DF	1109771WO	Systems and methods for processing location- and entity-based workflow data	21-Sep-12	PCT/US2012/056725	Filed			Patent Cooperation Treaty
1109771DF	1109771	Systems and methods for processing location- and entity-based workflow data	20-Sep-12	13/633,600	Filed			United States
1109831DF	1109831WO	Systems and methods for processing vehicle data to report performance data interchangeably	21-Sep-12	PCT/US2012/056715	Filed			Patent Cooperation Treaty
1109831DF	1109831	Systems and methods for processing vehicle data to report performance data interchangeably	20-Sep-12	13/623,613	Filed			United States
1117031DF	1117031WO	Solar powered apparatus having a thermally decoupled solar panel for tracking a portable asset	12-Feb-13	PCT/US2013/025777	Filed			Patent Cooperation Treaty
1117031DF	1117031	Solar powered apparatus having a thermally decoupled solar panel for tracking a portable asset	13-Feb-12	13/311,747	Filed			United States
1209631DF	1209631WO	Managing selective access of a user on transport type	15-Mar-13	PCT/US2013/029154	Filed			Patent Cooperation Treaty
1209631DF	1209631	Managing selective access of a user on transport type	27-Jul-12	13/560,814	Filed			United States
1214481DF	1214481WO	Systems and methods for performing over-the-air activation while roaming	19-Mar-13	PCT/US2013/029943	Filed			Patent Cooperation Treaty
1214481DF	1214481	Systems and methods for performing over-the-air activation while roaming	7-Mar-13	13/788,953	Filed			United States
1225601DF	1225601WO	Off-board hours-of-service ("HOS") processing	7-May-13	PCT/US2013/039697	Filed			Patent Cooperation Treaty
1225601DF	1225601	Off-board hours-of-service ("HOS") processing	7-Mar-13	13/789,304	Filed			United States

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9901641DF	990164CA	Mobile reporting module employing timing and message consolidation to economize transmissions	27-May-04	2468697	Granted	2488697	30-Oct-12	Canada
9901642DF	990164MX	Mobile Reporting Module Employing Timing and Message Consolidation to Economize Transmissions	28-May-04	PA/07/2004/005170	Granted	249989	5-Oct-07	Mexico
9901643DF	990164	Mobile Reporting Module Employing Timing and Message Consolidation to Economize Transmissions	29-Nov-01	09/997366	Granted	6,990,136	24-Jan-06	United States
9901644DF	990164BR	Mobile Reporting Module Employing Timing and Message Consolidation to Economize Transmissions	28-May-04	PI0334575-0	Filed			Brazil
9901655DF	990165	Method and Apparatus for High Density Message Coding	8-Mar-01	09/803,058	Granted	6,907,253	14-Jun-05	United States
9904211DF	990421MX	Vehicle fleet monitoring apparatus	10-Dec-01	PA/07/2001/012709	Granted	253635	21-Jan-08	Mexico
9904212DF	990421	Paperless log system and method	29-Jul-99	09/363,972	Granted	6,526,341	25-Feb-03	United States
9904213DF	990421EP	Paperless log system and method	11-Dec-01	09939895-3	Inactive			European Patent Convention
9904941DF	990494CA	Paperless Log System and Method	27-Mar-01	2346607	Granted	245287	14-Nov-06	Canada
9904942DF	990494MX	Paperless Log System and Method	28-Mar-01	PA/07/2001/0003190	Granted	230859	27-Sep-05	Mexico
9904943DF	990494EC	Paperless Log System and Method	20-Mar-01	09/813,418	Granted	6,471,590	16-Jul-02	United States
9904944DF	990494	Paperless Log System and Method	29-Jul-99	09/463,971	Granted	6,317,668	13-Nov-01	United States
9904945DF	990494BR	Paperless Log System and Method	26-Mar-01	PI0069666-3	Filed			Brazil
9904946DF	990494ES	Paperless Log System and Method	11-May-05	00952280-6	Granted	234288	11-May-05	Spain
9904947DF	990494DE	Paperless Log System and Method	11-May-05	6002065-5	Granted	1119940	11-May-05	Germany
9904948DF	990494EP	Paperless Log System and Method	26-Mar-01	00952280-6	Granted	EP1119840	11-May-05	European Patent Convention
9904949DF	990494GB	Paperless Log System and Method	11-May-05	00952280-6	Granted	1119840	11-May-05	Great Britain
9904950DF	990495LU	Paperless Log System and Method	11-May-05	00952280-6	Granted	1119840	11-May-05	Luxembourg
9904951DF	990495NL	Paperless Log System and Method	11-May-05	00952280-6	Granted	1119840	11-May-05	Netherlands
9904952DF	990495FR	Paperless Log System and Method	11-May-05	00952280-6	Granted	1119840	11-May-05	France
9904953DF	990495BE	Paperless Log System and Method	11-May-05	00952280-6	Granted	1119940	11-May-05	Belgium
9904954DF	990495CA	Universal Mount Cargo Status Sensor Device	15-May-03	1002963	Granted	302963	16-Mar-05	Canada
9904955DF	990495MX	Universal Mount Cargo Status Sensor Device	16-May-03	PA/07/2003/000423	Inactive	19418	24-Nov-05	Mexico
9904956DF	990495	Universal Mount Cargo Status Sensor Device	15-Nov-02	29/170,524	Granted	9503,950	29-Mar-05	United States
9904957DF	990495BR	Universal Mount Cargo Status Sensor Device	15-May-03	DI6301363-0	Granted	DI6301363-0	16-Sep-03	Brazil
9904958DF	990495DE	Universal Mount Cargo Status Sensor Device	15-May-03	40303372-1	Filed			Germany
9904959DF	990495FR	Universal mount cargo status sensor device	15-May-03	032508	Granted	715475	26-Sep-03	France
9904960DF	990496EP	Universal mount cargo status sensor device	16-May-03	100029582	Granted	00029582-0001	11-Nov-03	European Community Design
9904961DF	990496MX	Tractor-Trailer Electronic Transmission Path	24-Nov-93	9307375	Inactive	211998	11-Dec-02	Mexico
9904962DF	990496IN	Adjustable Tractor-Trailer electrical signal transmission linkage	15-Nov-93	9317454/93	Granted	094050	15-Dec-00	India

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PA0541DF	PA0541PRC	Tractor-Trailer Electronic Transmission Path	24-Nov-93	931146835.9	Granted	ZL931146835.9	16-Oct-90	China P.R.
PA0541DF	PA0541ISR	Tractor-Trailer Electronic Transmission Path	22-Nov-93	107709	Inactive	107709	19-Sep-95	Israel
PA0541DF	PA05454F	Tractor-Trailer Electronic Transmission Path Printed Circuit Antenna Array Using Corner Reflector	8-Nov-93	93108323	Inactive	93108323	26-Oct-94	South Africa
PA1201DF	PA100A	Cosial Waveguide Rotary Coupling	15-Aug-95	086988335	Granted	5,703,446	13-Jan-98	United States
PA1201DF	PA120	Assemblage Coaxial-Waveguide Rotary Coupling	28-Mar-94	087218169	Granted	5,434,548	18-Jul-95	United States
PA1201DF	PA130BRA	Assemblage Method and Apparatus for Satellite Navigation System	25-Oct-95	89505779-0	Granted	P19505779-0	9-Jul-03	Brazil
PA1251DF	PA125A	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	1-Aug-95	0875101070	Granted	5,860,958	9-Mar-99	United States
PA1411DF	PA141CAN	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	21-Jan-99	2261347	Granted	2261347	5-Jun-07	Canada
PA1411DF	PA141MEX	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	22-Jan-99	PA/3/1999/000852	Inactive	213706	11-Apr-03	Mexico
PA1411DF	PA141	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	22-Jul-96	08681342	Granted	6,094,870	4-Jul-03	United States
PA1411DF	PA141ROC	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	9-Oct-97	96110428	Inactive	NI-101074	21-Feb-99	Taiwan
PA1411DF	PA141HK	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	9-Nov-93	93105146.4	Granted	1019944	13-Jun-04	Hong Kong
PA1411DF	PA141PRC	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	1-Mar-99	97397587.1	Granted	ZL97197587.1	10-Mar-04	China P.R.
PA1411DF	PA141ES	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	16-Jun-04	2208937	Granted	9914643	9-Oct-03	Spain
PA1411DF	PA141DE	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	29-Jul-04	6975446	Granted	9914643	8-Oct-03	Germany
PA1411DF	PA141EPO	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	3-Feb-99	97934975.0	Granted	EP0514643	8-Oct-03	European Patent Convention
PA1411DF	PA141MAL	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	18-Jul-97	919703259	Inactive	MY-119085-A	31-Mar-05	Malaysia
PA1411DF	PA141GB	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	8-Oct-03	97934975.0	Granted	9914643	8-Oct-03	Great Britain
PA1411DF	PA141NL	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	8-Oct-03	97934975.0	Granted	9914643	8-Oct-03	Netherlands

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PA1411DF	PA1411FR	Monitoring and Configuration of Electronic Control Systems	8-Oct-03	97934975.0	Granted	0914643	8-Oct-03	France
PA1413DF	PA1413BE	Method and Apparatus for the Remote Monitoring and Configuration of Electronic Control Systems	8-Oct-03	97934975.0	Granted	0914643	8-Oct-03	Belgium
PA1421DF	PA1421CAN	Method of and System for Determining a Route of Travel by a Vehicle	14-Sep-99	2283505	Granted	2093805	12-Jul-05	Canada
PA1422DF	PA1422MEX	Method of and System for Determining a Route of Travel by a Vehicle	14-Sep-99	958479	Inactive	220460	22-May-04	Mexico
PA1423DF	PA1423	System and Method for Determining Vehicle Travel Routes and Mileage	15-Oct-97	087951033	Granted	5,974,356	28-Oct-99	United States
PA1424DF	PA1424PRC	Method of and System for Determining a Route of Travel by a Vehicle	12-Nov-99	98805055.0	Granted	2,988,055.0	3-Dec-03	China P.R.
PA1441DF	PA1441CAN	Method and Apparatus for Detecting Fault Conditions in a Vehicle Data Recording Device	2-Apr-97	2701593	Inactive	2001593	12-Dec-06	Canada
PA1442DF	PA1442MEX	Method and Apparatus for Detecting Fault Conditions in a Vehicle Data Recording Device	2-Apr-97	972395	Inactive	215939	20-Aug-03	Mexico
PA1443DF	PA1443	Method and Apparatus for Detecting Fault Conditions in a Vehicle Data Recording Device to Detect Tampering or Unauthorized Access	3-Oct-94	087316746	Granted	5,586,130	17-Dec-96	United States
PA1444DF	PA1444BRA	Method and Apparatus for Detecting Fault Conditions in a Vehicle Data Recording Device	3-Apr-97	PI950222-6	Granted	PI950222-6	14-Oct-03	Brazil
PA1445DF	PA1445EPO	Method and Apparatus for Detecting Fault Conditions in a Vehicle Data Recording Device	2-Apr-97	95536332.6	Inactive			European Patent Convention
PA1451DF	PA1451EP D1	Method and apparatus for detecting fault conditions in a vehicle data recording device	77-Mar-06	09006272.6	Inactive			European Patent Convention
PA1452DF	PA1452CA D1	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	27-Oct-05	2530980	Granted	2520980	18-Mar-08	Canada
PA1453DF	PA1453CAN	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	2-Sep-97	2214766	Granted	2214766	9-Jan-07	Canada
PA1454DF	PA1454MEX	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	2-Sep-97	976662	Granted	201823	9-May-01	Mexico
PA1455DF	PA1455	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	17-Dec-95	087556217	Granted	5,815,071	29-Sep-98	United States
PA1456DF	PA1456JAP	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	3-Sep-97	53695796	Granted	3375899	15-Jul-02	Japan
PA1457DF	PA1457BRA	Method and apparatus for monitoring parameters of vehicle electronic control units	31-Oct-97	P09607693-0	Filed			Brazil

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PA1451DF	PA1451E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	30-Aug-06	96907160.4	Granted	0813479	30-Aug-06	Spain
PA1452DF	PA1452E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	2-May-07	96904496.4	Granted	0813479	30-Aug-06	Germany
PA1453DF	PA1453E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	2-Sep-97	96907160.4	Granted	EP0613479	30-Aug-06	European Patent Convention
PA1454DF	PA1454E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	30-Aug-06	96907160.4	Granted	0813479	30-Aug-06	Italy
PA1455DF	PA1455E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	30-Aug-06	96907160.4	Granted	0813479	30-Aug-06	Great Britain
PA1456DF	PA1456E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	30-Aug-06	96907160.4	Granted	0813479	30-Aug-06	Netherlands
PA1457DF	PA1457E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	30-Aug-06	96907160.4	Granted	0813479	30-Aug-06	France
PA1458DF	PA1458E	Method and Apparatus for Monitoring Parameters of Vehicle Electronic Control Units	30-Aug-06	96907160.4	Granted	0813479	30-Aug-06	Ireland
PA1801DF	PA1801E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	18-Jun-97	2206170	Inactive	2206170	1-Jan-04	Canada
PA1802DF	PA1802E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	18-Jun-97	974514	Inactive	194468	8-Dec-99	Mexico
PA1803DF	PA1803E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	6-Feb-96	067597317	Granted	5,578,196	14-Oct-97	United States
PA1804DF	PA1804E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	19-Jun-97	1997-704153	Inactive	445775	30-Jul-04	Republic of Korea
PA1805DF	PA1805E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	19-Jun-97	96907160.4	Granted	3351534	20-Sep-02	Japan
PA1806DF	PA1806E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	8-Apr-98	98102971.2	Inactive	1003670	25-Oct-02	Hong Kong
PA1807DF	PA1807E	Method and apparatus for displaying messages in vehicular communications systems	19-Jun-97	P19510759.1	Granted	P19510253.1	25-Feb-09	Brazil
PA1808DF	PA1808E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	7-Nov-02	09523989.5	Inactive	0799464	20-Mar-02	Germany
PA1809DF	PA1809E	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	18-Jun-97	95943827.6	Inactive	EP0799464	7-Feb-02	European Patent Convention

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PA1801DF	PA1801GB	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	20-Mar-02	95943877.6	Granted	0799464	20-Mar-02	Great Britain
PA1801DF	PA1801LU	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	20-Mar-02	95943877.6	Granted	0799464	20-Mar-02	Luxembourg
PA1801DF	PA1801AU	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	18-Jun-97	43203796	Inactive	693315	5-Nov-98	Australia
PA1801DF	PA1801NL	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	20-Mar-02	95943877.6	Granted	0799464	20-Mar-02	Netherlands
PA1801DF	PA1801FR	Method and Apparatus for Displaying Messages in Vehicular Communications Systems	20-Mar-02	95943877.6	Granted	0799464	20-Mar-02	France
PA257DF	PA257	Keyboard Assembly with Molecule-Excluding Seal	12-Jun-96	067667.163	Granted	5,734,136	11-Mar-98	United States
PA4141DF	PA4141A	Locking Bolt System	2-Mar-97	08850.420	Granted	6,017,378	28-Dec-99	United States
PA4341DF	PA4341CAN	Wireless fleet communications system for providing separable communications services	23-Jul-98	2243788	Granted	2243788	17-Nov-09	Canada
PA4341DF	PA4341MEX	Wireless Fleet Communications System for Providing Separable Communications Services	24-Jan-00	PA/02000/000804	Inactive	234666	15-Feb-06	Mexico
PA4341DF	PA4341A	Wireless fleet communications system for providing separable communications services	24-Jul-97	097899.901	Granted	6,073,007	6-Jun-03	United States
PA4341DF	PA4341I	Wireless Fleet Communications System for Providing Separable Communications Services	2-May-03	101438.911	Granted	6E44.201	7-May-13	United States
PA4341DF	PA4341BRA	Wireless Fleet Communications System for Providing Separable Communications Services	21-Jan-00	P9901769-0	Filed			Brazil
PA4441DF	PA4441A	Separable Antenna System	3-Aug-97	084927.719	Granted	5,982,333	9-Nov-99	United States
PA5031DF	PA5031CAN	Method and apparatus for validating vehicle operators	21-Jul-00	2316255	Granted	2316255	19-Aug-08	Canada
PA5031DF	PA5031A	Method and apparatus for validating vehicle operators	22-Jan-98	097030.949	Granted	6,108,591	22-Aug-03	United States
PA5031DF	PA5031HK	Method and Apparatus for Validating Vehicle Operators	15-Aug-01	101105736.7	Granted	1039048	23-Feb-07	Hong Kong
PA5031DF	PA5031PRC	Method and Apparatus for Validating Vehicle Operators	16-Sep-00	99804104.1	Granted	2199804104.1	6-Sep-06	China P.R.
PA5031DF	PA5031ES	Method and Apparatus for Validating Vehicle Operators	25-Jul-07	99904173.4	Granted	1093023	23-May-07	Spain
PA5031DF	PA5031DE	Method and Apparatus for Validating Vehicle Operators	23-May-07	99936133.8	Granted	1050023	23-May-07	Germany
PA5031DF	PA5031EPD	Method and Apparatus for Validating Vehicle Operators	21-Aug-00	99604173.4	Granted	EP01050023	23-May-07	European Patent Convention
PA5031DF	PA5031IT	Method and Apparatus for Validating Vehicle Operators	2-Jul-07	99904173.4	Granted	1050023	23-May-07	Italy

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PA503IDF	PA503GB	Method and Apparatus for Validating Vehicle Operators	8-Jul-07	99904173.4	Granted	1050023	23-May-07	Great Britain
PA503IDF	PA503FR	Method and Apparatus for Validating Vehicle Operators	21-Aug-07	99904173.4	Granted	1050023	13-May-07	France
PA503IDF	PA503BRA	Vehicle Operators	21-Jul-00	PP907179-9	Inactive			Brazil
PA539IDF	PA539	Ball Compression Grommet	13-Mar-98	09/045,156	Granted	6,070,835	6-Jan-06	United States
PA601IDF	PA601BRA	Vehicle communication system	18-Feb-00	PP9812277-0	Filed			Brazil
PA601IDF	PA601DE	Vehicle communication system	21-Jan-09	6940504.R.08	Granted	30993746	11-Jan-09	Germany
PA601IDF	PA601PO	Vehicle communication system	17-Feb-00	98940973.5	Granted	EP0993746	21-Jan-09	European Patent Convention
PA601IDF	PA601FR	Vehicle communication system	21-Jan-09	98940973.5	Granted	EP0993746	21-Jan-09	France
PA601IDF	PA601MEX	Vehicle communication system	21-Jan-09	98940973.5	Granted	EP0993746	21-Jan-09	Great Britain
PA601IDF	PA601MEX	Vehicle communication system	15-Feb-00	24232300/093767	Granted	269847	9-Jun-04	Mexico
PA601IDF	PA601PRC	Vehicle communication system	3-Apr-00	98809789.3	Granted	2198809789.3	25-Jun-03	China P.R.
PA615IDF	PA615CAN	Vehicle Communication System	19-Aug-98	2245312	Granted	2245312	7-Sep-94	Canada
PA615IDF	PA615	Truck Communication System Method and Apparatus for Dynamic Address Allocation in a Wireless Communication System	19-Aug-97	08/914,102	Granted	5,076,797	15-Feb-00	United States
PA620IDF	PA620	Allocation in a Wireless Communication System	28-Aug-98	09/143,635	Granted	5,181,991	30-Jan-01	United States
PA625IDF	PA625	Mounting Arrangement for Microwave Power Amplifier	4-Sep-93	397146,832	Granted	5,272,741	24-Apr-01	United States
PA650IDF	PA650CAN	Method and apparatus for automatic event detection in a wireless communication system	12-May-00	2309929	Granted	2309929	20-May-03	Canada
PA650IDF	PA650MEX	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	15-May-00	2709	Granted	215950	10-Aug-03	Mexico
PA650IDF	PA650	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	15-Sep-98	697453,732	Granted	6,134,910	26-Sep-00	United States
PA650IDF	PA650HK	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	9-Feb-01	03100956.1	Granted	1031451	3-Feb-06	Hong Kong
PA650IDF	PA650BRA	Method and apparatus for detecting wireless vehicles that have departed from a planned or an unplanned stop	15-May-00	99906948-0	Filed			Brazil
PA650IDF	PA650ES	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	23-Sep-05	2245132	Granted	1031123	6-Jul-05	Spain
PA650IDF	PA650DE	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	11-May-06	69926069.3	Granted	1031123	6-Jul-05	Germany
PA650IDF	PA650EPO	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	15-May-00	99969171.D	Granted	EP1031123	6-Jul-05	European Patent Convention

Exhibit A to Patent Assignment Agreement

Disclosure Number	Docket Number	Application Title	National Filing Date	Application Number	Patent Status	Grant Number	Grant Date	Country
PA6501DF	PA6501T	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Italy
PA6501DF	PA6501G8	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Great Britain
PA6501DF	PA6501U	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Luxembourg
PA6501DF	PA6501K	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Netherlands
PA6501DF	PA6501R	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	France
PA6501DF	PA6501B	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Belgium
PA6501DF	PA6501F	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Finland
PA6501DF	PA6501A	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	15-Jul-05	299285	Granted	1031123	6-Jul-05	Austria
PA6501DF	PA6501E	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Sweden
PA6501DF	PA6501I	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Ireland
PA6501DF	PA6501K	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Denmark
PA6501DF	PA6501C	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Switzerland
PA6501DF	PA6501M	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	6-Jul-05	99969171.0	Granted	1031123	6-Jul-05	Monaco
PA6501DF	PA6501Y	Method and Apparatus for Automatic Event Detection in a Wireless Communication System	22-Sep-05	20050402891	Granted	1031123	6-Jul-05	Cyprus

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