

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM450472

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
NAVISTAR INTERNATIONAL CORPORATION		11/06/2017	Corporation: DELAWARE
NAVISTAR, INC.		11/06/2017	Corporation: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	JPMorgan Chase Bank, N.A., as Collateral Agent
<b>Street Address:</b>	4 Chase Metrotech Center
<b>City:</b>	Brooklyn
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	11245
<b>Entity Type:</b>	National Banking Association: UNITED STATES

## PROPERTY NUMBERS Total: 102

Property Type	Number	Word Mark
Registration Number:	2872554	IC
Registration Number:	2926823	IC
Registration Number:	2927671	IC
Registration Number:	2953894	IC
Registration Number:	2953958	IC
Registration Number:	2953961	IC
Registration Number:	2960703	IC
Registration Number:	4605681	I C
Registration Number:	5144847	IC BUS
Registration Number:	3584626	MAXXFORCE
Registration Number:	3780846	MAXXFORCE
Registration Number:	4597389	PURE POWER
Registration Number:	4703938	PURE POWER
Registration Number:	4839511	SERVICEMAXX
Registration Number:	1415752	EAGLE
Registration Number:	1417384	EAGLE
Registration Number:	1559197	TOPS
Registration Number:	2381360	INTERNATIONAL

TRADEMARK

Property Type	Number	Word Mark
Registration Number:	0914621	INTERNATIONAL
Registration Number:	0931296	SCOUT
Registration Number:	0973268	PAYSTAR
Registration Number:	1154875	FLEETRITE
Registration Number:	1424761	INTERNATIONAL
Registration Number:	1468213	INTERNATIONAL
Registration Number:	1626374	FLEETRITE
Registration Number:	1749362	NAVIGATOR
Registration Number:	1784399	INTERNATIONAL ADVANTAGE
Registration Number:	1930009	FLEET CHARGE
Registration Number:	2118359	SKY-RISE
Registration Number:	2511869	INTERNATIONAL
Registration Number:	2560528	GREEN DIESEL TECHNOLOGY
Registration Number:	2571452	DIAMOND ADVANTAGE
Registration Number:	2603473	INTERNATIONAL
Registration Number:	2639553	MASTERDIAGNOSTICS
Registration Number:	2641603	ISIS
Registration Number:	2642880	EZ-TECH
Registration Number:	2654426	INTERNATIONAL DIAMOND CLUB
Registration Number:	2666519	PERFORMANCE PM
Registration Number:	2697930	INTERNATIONAL
Registration Number:	2700511	FLEET ISIS
Registration Number:	2717741	INTERNATIONAL
Registration Number:	2724681	INTERNATIONAL
Registration Number:	2729636	ISIS
Registration Number:	2742076	EBS
Registration Number:	2758838	
Registration Number:	2759245	INTERNATIONAL
Registration Number:	2778054	PERFORMANCE A/C
Registration Number:	2791287	INTERNATIONAL
Registration Number:	2814132	DIAMOND LOGIC
Registration Number:	2814919	SCOUT
Registration Number:	2844916	
Registration Number:	2874866	INTERNATIONAL
Registration Number:	2899458	
Registration Number:	2931180	UPTIME PARTS
Registration Number:	2933099	PAYSTAR
Registration Number:	2941566	DIAMOND LOGIC

Property Type	Number	Word Mark
Registration Number:	2953338	DIAMOND LOGIC
Registration Number:	3041788	CXT
Registration Number:	3057843	INTERNATIONAL
Registration Number:	3209249	DIA
Registration Number:	3235176	LONESTAR
Registration Number:	3345801	WORKSTAR
Registration Number:	3413474	TRANSTAR
Registration Number:	3428252	CITYSTAR
Registration Number:	3446636	PROSTAR
Registration Number:	3455667	DIA
Registration Number:	3534823	MAXXPRO
Registration Number:	3551902	DURASTAR
Registration Number:	3577003	SERVICEPARTNER
Registration Number:	3642404	RENEWED
Registration Number:	3654578	P^RTSM^RT RIGHT ON THE MONEY
Registration Number:	3654585	P^RTSM^RT
Registration Number:	3953364	JET STREAM
Registration Number:	3959079	TERRASTAR
Registration Number:	4032357	SCOUT
Registration Number:	4175988	LOADSTAR
Registration Number:	4242352	DXM
Registration Number:	4273096	SARATOGA
Registration Number:	4361966	PUREPAC LOG SUPPORT
Registration Number:	4368748	MAXXPOWER
Registration Number:	4746495	INTERNATIONAL TRAIL
Registration Number:	4765629	DIAMOND RENEWED
Registration Number:	4797004	FLEET CHARGE
Registration Number:	5053053	DIAMOND EDGE
Registration Number:	5144787	HX INTERNATIONAL
Registration Number:	5151511	FLEET LIFE
Registration Number:	5221313	RITE PARTS, RIGHT NOW
Registration Number:	963608	FLEETRITE
Registration Number:	1472594	NAVISTAR
Registration Number:	1498530	NAVISTAR
Registration Number:	3651780	NAVISTAR
Registration Number:	4427688	NAVISTAR
Registration Number:	1556029	FLEET CHARGE
Registration Number:	1709587	QUICK CHECK

Property Type	Number	Word Mark
Serial Number:	86787928	HX
Serial Number:	87154139	FASTREK
Serial Number:	87436793	RH INTERNATIONAL
Serial Number:	87605411	A26
Serial Number:	87608009	MV INTERNATIONAL
Serial Number:	87616123	ACCELERATOR
Serial Number:	87059747	LT
Serial Number:	87172325	LT INTERNATIONAL

**CORRESPONDENCE DATA**

**Fax Number:** 8004947512  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*  
**Phone:** 800-494-5225  
**Email:** ipteam@cogencyglobal.com  
**Correspondent Name:** Stewart Walsh  
**Address Line 1:** 1025 Vermont Ave NW, Suite 1130  
**Address Line 2:** Cogency Global Inc.  
**Address Line 4:** Washington, D.C. 20005

<b>ATTORNEY DOCKET NUMBER:</b>	F173719TM 2017
<b>NAME OF SUBMITTER:</b>	Justin Hunte
<b>SIGNATURE:</b>	/Justin Hunte/
<b>DATE SIGNED:</b>	11/10/2017

**Total Attachments: 67**  
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PATENT AND TRADEMARK SECURITY AGREEMENT dated as of November 6, 2017 (this “Agreement”), among NAVISTAR INTERNATIONAL CORPORATION, a Delaware corporation (“Parent”), NAVISTAR, INC., a Delaware corporation (the “Borrower”), the other Subsidiary Credit Parties from time to time party hereto and JPMorgan Chase Bank, N.A. (“JPMCB”), as Collateral Agent.

Reference is made to (a) the Credit Agreement dated as of November 6, 2017 (as amended, restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), among Parent, the Borrower, the lenders from time to time party thereto and JPMCB, as Administrative Agent and the Collateral Agent, and (b) the Guarantee and Collateral Agreement dated as of November 6, 2017 (as amended, restated, supplemented or otherwise modified from time to time, the “Collateral Agreement”), among Parent, the Borrower, certain other Subsidiaries from time to time party thereto and JPMCB, as Collateral Agent. The Tranche B Term Lenders have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The obligations of the Tranche B Term Lenders to extend such credit are conditioned upon, among other things, the execution and delivery of this Agreement. Parent and the Subsidiary Credit Parties party hereto (other than the Borrower) are Affiliates of the Borrower, will derive substantial benefits from the extension of credit to the Borrower pursuant to the Credit Agreement and are willing to execute and deliver this Agreement in order to induce the Tranche B Term Lenders to extend such credit. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Credit Agreement or the Collateral Agreement, as applicable. The rules of construction specified in Sections 1.2 and 1.3 of the Credit Agreement also apply to this Agreement, mutatis mutandis.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Obligations (other than, in the case of security interests granted by any Subsidiary Credit Party, any Obligation of Parent), each Grantor pursuant to the Collateral Agreement did, and hereby does, grant to the Collateral Agent, its successors and permitted assigns, for the benefit of the Secured Parties, a security interest in all right, title and interest in, to and under any and all of the following assets now owned or at any time hereafter acquired by such Grantor or in, to or under which such Grantor now has or at any time hereafter may acquire any right, title or interest (collectively, the “U.S. Patent and Trademark Collateral”):

(a) (i) all letters patent of the United States of America, all registrations and recordings thereof, and all applications for letters patent of the United States of America, including registrations, recordings and pending applications in the United States Patent and Trademark Office, including those listed on Schedule I, and (ii) all reissues, continuations, divisions, continuations-in-part, renewals or extensions

thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein; and

(b) all U.S. trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade styles, trade dress, logos, other source or business identifiers, designs and general intangibles of like nature, all registrations and recordings thereof, and all registration and recording applications filed in connection therewith, including registrations and registration applications in the United States Patent and Trademark Office or any similar offices in any State of the United States of America, and all extensions or renewals thereof, including those listed on Schedule II.

Notwithstanding anything herein to the contrary, if, to the extent and for so long as any of the foregoing is an Excluded Asset, the security interest granted under this Section shall not attach to, and U.S. Patent and Trademark Collateral shall not include, such asset (it being understood that the security interest shall immediately attach to, and U.S. Patent and Trademark Collateral shall immediately include, any such asset (or any portion thereof) upon such asset (or such portion thereof) ceasing to be an Excluded Asset).

SECTION 3. Collateral Agreement. The security interests granted to the Collateral Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the U.S. Patent and Trademark Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein (including, for the avoidance of doubt, Section 7.18 thereof). In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern and control in all respects.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic imaging shall be effective as delivery of a manually executed counterpart of this Agreement.

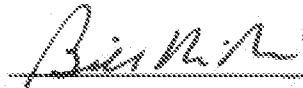
SECTION 5. Termination. The security interests granted in this Agreement shall be terminated and released in accordance with Section 7.12 of the Collateral Agreement.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

NAVISTAR INTERNATIONAL  
CORPORATION

by



Name: William V. McMenamin  
Title: President, Financial Services  
and Treasurer

NAVISTAR, INC.

by

Name: Anthony Aiello  
Title: Assistant Treasurer

[Signature Page to Patent and Trademark Security Agreement]

[[3683480]]

**TRADEMARK**  
**REEL: 006201 FRAME: 0599**



IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

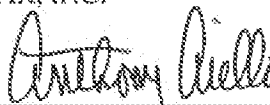
NAVISTAR INTERNATIONAL CORPORATION

by

.....  
Name: William V. McMenamin  
Title: President, Financial Services  
and Treasurer

NAVISTAR, INC.

by

  
.....  
Name: Anthony Aiello  
Title: Assistant Treasurer

*YJA*

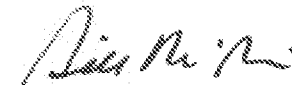
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TRADEMARK  
REEL: 006201 FRAME: 0600

IC BUS, LLC,  
IC BUS OF OKLAHOMA, LLC,  
NAVISTAR AFTERMARKET  
PRODUCTS, INC.,  
NAVISTAR BIG BORE DIESELS, LLC,  
NAVISTAR COMPONENT HOLDINGS,  
LLC,  
NAVISTAR DEFENSE, LLC,  
NAVISTAR DIESEL OF ALABAMA,  
LLC,  
UPTIME PARTS, LLC,  
WORKHORSE INTERNATIONAL  
HOLDING COMPANY,  
INTERNATIONAL ENGINE  
INTELLECTUAL PROPERTY  
COMPANY, LLC,  
INTERNATIONAL TRUCK  
INTELLECTUAL PROPERTY  
COMPANY, LLC,  
CONTINENTAL MFG. COMPANY, INC.,

by



Name: William V. McMenamin

Title: Treasurer




[Signature Page to Patent and Trademark Security Agreement]

[[3683488]]

**TRADEMARK**  
**REEL: 006201 FRAME: 0601**

JPMORGAN CHASE BANK, N.A.,  
as Collateral Agent

by   
Name: Sandeep S. Parihar  
Title: Vice President

[Signature Page to Patent and Trademark Security Agreement]

[[3683480]]

TRADEMARK  
REEL: 006201 FRAME: 0602

SCHEDULE I  
U.S. Patents and Patent Applications

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	OXYGEN CONCENTRATION SETPOINT MODIFICATION	13/756089	01/31/2013		
International Engine Intellectual Property Company, LLC	TURBOCHARGER CONTROL	13/756522	01/31/2013		
International Engine Intellectual Property Company, LLC	NOX MODEL	13/870482	04/25/2013		
International Engine Intellectual Property Company, LLC	Reducing Turbocharger Ice Damage	14/089399	11/25/2013		
International Engine Intellectual Property Company, LLC	CONTROL FOR ENGINE DRIVEN COMPRESSOR	14/372473	01/18/2012		
International Engine Intellectual Property Company, LLC	HIGH-PRESSURE HOSE VIBRATION SUPPRESSOR	14/377960	02/09/2012		
International Engine Intellectual Property Company, LLC	RANKINE CYCLE MID-TEMPERATURE RECUPERATION	14/397523	05/03/2012		
International Engine Intellectual Property Company, LLC	CONTROL STRATEGY FOR ENGINE-OPERATED COMPRESSOR	14/406439	06/08/2012		
International Engine Intellectual Property Company, LLC	EGR COOLER HEADER CASTING	14/406454	06/08/2012		
International Engine Intellectual Property Company, LLC	EXHAUST GAS RECIRCULATION	14/408831	06/26/2012		
International Engine Intellectual Property Company, LLC	CATALYTIC HYDROGEN COMBUSTOR	14/410818	06/28/2012		
International Engine Intellectual Property Company, LLC	CONTROL METHOD FOR VARIABLE GEOMETRY EXHAUST TURBINE	14/410836	06/26/2012		
International Engine Intellectual Property Company, LLC	Ammonia Estimation Method	14/440279	05/28/2013		

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	CONTROLLER SELECTION OF ENGINE BRAKE ACTIVATION TYPE	14/496395	09/25/2014		
International Engine Intellectual Property Company, LLC	SELECTIVE CATALYTIC REDUCTION WARMUP SYSTEM	14/537741	11/10/2014		
International Engine Intellectual Property Company, LLC	ROTARY ENGINE	14/661255	03/18/2015		
International Engine Intellectual Property Company, LLC	TEMPORARY RENTAL OF ENGINE RECALIBRATION	14/708911	05/11/2015		
International Engine Intellectual Property Company, LLC	REDUCTANT STORAGE	14/786403	04/22/2013		
International Engine Intellectual Property Company, LLC	D6889 and D6979 are to be combined under D6979.				
International Engine Intellectual Property Company, LLC	Fuel Injector	14/786916	04/25/2013		
International Engine Intellectual Property Company, LLC	IC ENGINE CYLINDER AND PISTON	14/881757	10/13/2015		
International Engine Intellectual Property Company, LLC	HYDROGEN RICH EGR SYSTEM AND METHOD	14/893296	05/24/2013		
International Engine Intellectual Property Company, LLC	ELECTRIC-ELECTRONIC ACTUATOR	14/893336	11/23/2015		
International Engine Intellectual Property Company, LLC	INJECTOR WAVEFORM	14/893358	05/24/2013		
International Engine Intellectual Property Company, LLC	ENGINE NOX MODEL	14/893373	05/24/2013		
International Engine Intellectual Property Company, LLC	UPSTREAM NOX ESTIMATION	14/893386	05/25/2013		
International Engine Intellectual Property Company, LLC	THERMOSTAT	14/893409	05/29/2013		

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	AUTOMATED ASSEMBLY OF ECU CALIBRATIONS	14/893566	05/29/2013		
International Engine Intellectual Property Company, LLC	THERMAL SCREEN FOR AN EGR COOLER	14/917496	03/08/2016		
International Engine Intellectual Property Company, LLC	COMPRESSED AIR INTAKE ENGINE INLET BOOSTER	15/001178	01/19/2016		
International Engine Intellectual Property Company, LLC	LIMITING NOx EMISSIONS USING TWO CATALYSTS	15/060266	03/03/2016		
International Engine Intellectual Property Company, LLC	SCR AFTER-TREATMENT OF ENGINE EXHAUST GAS	15/298415	10/20/2016		
International Engine Intellectual Property Company, LLC	SCR AFTER-TREATMENT OF ENGINE EXHAUST GAS	15/298438	10/20/2016		
International Engine Intellectual Property Company, LLC	ENGINE POWER MODULATION IN A VEHICLE	15/463798	03/20/2017		
International Engine Intellectual Property Company, LLC	PISTON SCRAPING RING WITH POWER GROOVE	15/463842	03/20/2017		
International Engine Intellectual Property Company, LLC	Synthetic Fault Codes	15/591772	05/10/2017		
International Engine Intellectual Property Company, LLC	Engine Cooling Configurations with Waste Heat Recovery System	15/631985	06/23/2017		
International Engine Intellectual Property Company, LLC	Vehicle Engine Power Modulation Concept and Apparatus for Improved Fuel Economy	62/411804	10/24/2016		
International Engine Intellectual Property Company, LLC	Urea Dilution Detection	62/471117	03/14/2017		

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	WHR (Waste Heat Recovery) ORC (Organic Rankine Cycle) system with two separate loops and different fluids	62/508759	05/19/2017		
International Engine Intellectual Property Company, LLC	Electric Tag Axle	62/543759	08/10/2017		
International Engine Intellectual Property Company, LLC	Commanded, Rail-Pressure-Based, Variable Injector Boost Current Duration			5924407	07/20/1999
International Engine Intellectual Property Company, LLC	Electronic Engine / Air Compressor System			5997259	12/07/1999
International Engine Intellectual Property Company, LLC	Hydraulically-Assisted Engine Valve Actuator			6044815	04/04/2000
International Engine Intellectual Property Company, LLC	Method of installing an Oil Pan Heater on an Oil Pan Mounted on an Engine Block (Licensed To Park Tool and Machine Co.)			6052896	04/25/2000
International Engine Intellectual Property Company, LLC	Electronic Engine Control for Regulating Engine Coolant Temperature at Cold Ambient Air Temperatures by Control of Engine Idle Speed			6067959	05/30/2000
International Engine Intellectual Property Company, LLC	Coolant Filter with Coolant Additive Sensor			6098575	08/08/2000
International Engine Intellectual Property Company, LLC	Hydraulic System with a Combination Filter Screen and Gasket			6098597	08/08/2000
International Engine Intellectual Property Company, LLC	Integral Tube/Nut Stopper For Engine Fuel Line Tube			6098668	08/08/2000
International Engine Intellectual Property Company, LLC	Method for Matching the Spool Valve Lands in a Fuel Injector			6174219	01/16/2001

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	Altitude Compensating Wastegate Control System for a Turbocharger			6178748	01/30/2001
International Engine Intellectual Property Company, LLC	Clip-On Deflector for a Fuel Injector			6189511	02/20/2001
International Engine Intellectual Property Company, LLC	Electronic Engine Control for Regulating Engine Coolant Temperature at Cold Ambient Air Temperatures by Control of Engine Idle Speed			6247446	06/19/2001
International Engine Intellectual Property Company, LLC	Engine Control System Linked to Vehicle Controls			6248041	06/19/2001
International Engine Intellectual Property Company, LLC	An Engine with a Direct Passage from the Oil Reservoir to the Oil Pump			6257193	07/10/2001
International Engine Intellectual Property Company, LLC	Hydraulically-Assisted Engine Valve Actuator			6263842	07/24/2001
International Engine Intellectual Property Company, LLC	Fuel Injector with Actuation Pressure Delay Device			6286483	09/11/2001
International Engine Intellectual Property Company, LLC	Hydraulically-Assisted Engine Valve Actuator			6338320	01/15/2002
International Engine Intellectual Property Company, LLC	Actuating Fluid Delivery System for a Fuel Injector			6374805	04/23/2002
International Engine Intellectual Property Company, LLC	Actuating Fluid Delivery System for a Fuel Injector			6374806	04/23/2002
International Engine Intellectual Property Company, LLC	Method of Installing an Oil Pan Heater on an Oil Pan Mounted on an Engine Block (Licensed To Park Tool and Machine Co.)			6378167	04/30/2002
International Engine Intellectual Property Company, LLC	Method and Apparatus for Pre-Pilot Fuel Injection in Diesel Internal Combustion Engines			6378487	04/30/2002



Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	Front Module Housing			6394059	05/28/2002
International Engine Intellectual Property Company, LLC	Engine Torque Control Strategy			6398692	06/04/2002
International Engine Intellectual Property Company, LLC	Closed Loop Diesel Engine EGR Control Including Event Monitoring			6401700	06/11/2002
International Engine Intellectual Property Company, LLC	Control of A Variable Geometry Turbocharger by Sensing Exhaust Pressure			6418719	07/16/2002
International Engine Intellectual Property Company, LLC	Diesel Engine Load Governing Using Engine Speed Setpoint			6425370	07/30/2002
International Engine Intellectual Property Company, LLC	Variable Nozzle Turbine Control Strategy			6427445	08/06/2002
International Engine Intellectual Property Company, LLC	Blasting Apparatus w/ a Dual Structure Deflector			6431965	08/13/2002
International Engine Intellectual Property Company, LLC	Control Strategy For Turbocharged Engine Having Variable Valve Actuation Apparatus			6434938	08/20/2002
International Engine Intellectual Property Company, LLC	Core Assembly Method for Cylinder Head Castings			6435259	08/20/2002
International Engine Intellectual Property Company, LLC	Cartridge Thermostat System			6450410	09/17/2002
International Engine Intellectual Property Company, LLC	Combustion Gasket Having Dual Material Structures			6460512	10/08/2002
International Engine Intellectual Property Company, LLC	Iron Alloy Casting Method and Apparatus			6463991	10/15/2002
International Engine Intellectual Property Company, LLC	Double-Acting Two-Stage Hydraulic Control Device			6474304	11/05/2002

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	Rocker Arm Assembly			6484682	11/26/2002
International Engine Intellectual Property Company, LLC	Rocker Carrier			6484683	11/26/2002
International Engine Intellectual Property Company, LLC	Cartridge Thermostat System			6508212	01/21/2003
International Engine Intellectual Property Company, LLC	Piston Having Combustion Chamber Defined in the Crown			6513476	02/04/2003
International Engine Intellectual Property Company, LLC	Intake Manifold Module			6513507	02/04/2003
International Engine Intellectual Property Company, LLC	Bearing Retention System			6520684	02/18/2003
International Engine Intellectual Property Company, LLC	A Retractable Valve and Method for Selective Gas Flow Control in a Combustion Chamber			6539909	04/01/2003
International Engine Intellectual Property Company, LLC	Iron Alloy Casting Method and Apparatus			6554050	04/29/2003
International Engine Intellectual Property Company, LLC	System and Method for Calibrating Fuel Injectors an Engine Control System That Calculates Injection Duration by Mathematical Formula			6561164	05/13/2003
International Engine Intellectual Property Company, LLC	Balancer Shaft			6581495	06/24/2003
International Engine Intellectual Property Company, LLC	Engine Torque Calculation			6584391	06/24/2003
International Engine Intellectual Property Company, LLC	Wire guide			6590162	07/08/2003

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	Piston Pin Bushing Cooler			6609485	08/26/2003
International Engine Intellectual Property Company, LLC	Cold Start Pulse Width Compensation			6618665	09/09/2003
International Engine Intellectual Property Company, LLC	Oil activated fuel injector control valve			6631853	10/14/2003
International Engine Intellectual Property Company, LLC	Coupling			6637781	10/28/2003
International Engine Intellectual Property Company, LLC	Casting Method and Apparatus			6644381	11/11/2003
International Engine Intellectual Property Company, LLC	Control Strategy For Counteracting Incipient Turbocharger Surging Using A Variable Valve Actuation Mechanism For Through-Cylinder Bleed			6647723	11/18/2003
International Engine Intellectual Property Company, LLC	Control Strategy For Improving Cold Cranking, Starting And Warm-Up Of An Engine Having A Variable Valve Actuation Mechanism			6651601	11/25/2003
International Engine Intellectual Property Company, LLC	Torque-Based Low Idle Governor			6654678	11/25/2003
International Engine Intellectual Property Company, LLC	Control Strategy Using Variable Valve Actuation To Reduce Particulate Emission And Improve Driveability During Transient Operation Of A Turbocharged Diesel Engine			6658845	12/09/2003
International Engine Intellectual Property Company, LLC	Injection Control Pressure Strategy During Activation Of An Engine Retarder			6681740	01/27/2004

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	Pressure Control Valve With Flow Recovery			6681743	01/27/2004
International Engine Intellectual Property Company, LLC	Engine Speed-Based Modification Of Exhaust Gas Recirculation During Fueling Transients			6698409	03/02/2004
International Engine Intellectual Property Company, LLC	Combustion Chamber			6705273	03/16/2004
International Engine Intellectual Property Company, LLC	Method And Apparatus To Provide Engine Compression Braking			6705282	03/16/2004
International Engine Intellectual Property Company, LLC	Actuating Fluid Control System			6712043	03/30/2004
International Engine Intellectual Property Company, LLC	Control valve body for an oil activated fuel injector			6715694	04/06/2004
International Engine Intellectual Property Company, LLC	Hydraulic Fuel System			6718935	04/13/2004
International Engine Intellectual Property Company, LLC	Control Strategy For Regenerating A NOx Adsorber Catalyst In An Exhaust System Of An Engine Having A Variable Valve Actuation Mechanism			6722121	04/20/2004
International Engine Intellectual Property Company, LLC	Pressure Wave Attenuator For A Rail			6742504	06/01/2004
International Engine Intellectual Property Company, LLC	Engine- And Vehicle- Speed-Based Cooling Fan Control			6745727	06/08/2004
International Engine Intellectual Property Company, LLC	Fuel Injector Clamp With Retaining Ring			6745752	06/08/2004
International Engine Intellectual Property Company, LLC	Dual Control Valve (split from D5253)			6745958	06/08/2004

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International Engine Intellectual Property Company, LLC	Water Pump and Impeller Therefor			6752590	06/22/2004
International Engine Intellectual Property Company, LLC	Diagnostic Tool For Electric-Operated Fuel Injectors And Their Drivers			6761059	07/13/2004
International Engine Intellectual Property Company, LLC	Poppet Valve Actuator			6763790	07/20/2004
International Engine Intellectual Property Company, LLC	Retainer Clip			6772487	08/10/2004
International Engine Intellectual Property Company, LLC	Method And Apparatus For Flexibly Regulating Internal Combustion Engine Valve Flow			6772742	08/10/2004
International Engine Intellectual Property Company, LLC	Obstruction Of Flow To Improve Flow Mix			6776146	08/17/2004
International Engine Intellectual Property Company, LLC	Engine Brake Control Pressure Strategy			6779506	08/24/2004
International Engine Intellectual Property Company, LLC	Unit Trigger Actuator			6786186	09/07/2004
International Engine Intellectual Property Company, LLC	Cold Start Compensation For P-I-D Engine Governor			6786198	09/07/2004
International Engine Intellectual Property Company, LLC	Exhaust Gas Control In An Engine Having A Two-Stage Turbocharger			6801846	10/05/2004
International Engine Intellectual Property Company, LLC	Post-Retard Fuel Limiting Strategy For An Engine			6807938	10/26/2004
International Engine Intellectual Property Company, LLC	Control Strategy For Regenerating A Particulate Filter In An Exhaust System Of An Engine Having A Variable Valve Actuation Mechanism			6826905	12/07/2004

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International Engine Intellectual Property Company, LLC	Method And Arrangement For Delivering Fuel To An Engine			6827066	12/07/2004
International Engine Intellectual Property Company, LLC	Forced Regeneration Of A Diesel Particulate Filter			6829890	12/14/2004
International Engine Intellectual Property Company, LLC	Valve Actuation Linkage Mechanism			6830022	12/14/2004
International Engine Intellectual Property Company, LLC	Runnerless Engine Intake Manifold Having Integral Fuel Delivery Groove Or Bore			6840221	01/11/2005
International Engine Intellectual Property Company, LLC	Fuel Injection Device Having Independently Controlled Fuel Compression And Fuel Injection Processes			6845754	01/25/2005
International Engine Intellectual Property Company, LLC	Fuel Injector Retainer Assembly			6845758	01/25/2005
International Engine Intellectual Property Company, LLC	Fuel Injector With Dual Control Valve			6845926	01/25/2005
International Engine Intellectual Property Company, LLC	Map-Scheduled Gains For Closed-Loop Control Of Fuel Injection Pressure			6850832	02/01/2005
International Engine Intellectual Property Company, LLC	Fuel Injection Timing Compensation Based On Engine Load			6857418	02/22/2005
International Engine Intellectual Property Company, LLC	Core Element Fastening And Assembly Method			6865806	03/15/2005
International Engine Intellectual Property Company, LLC	Fuel Injector With Controlled High Pressure Fuel Passage			6868831	03/22/2005
International Engine Intellectual Property Company, LLC	Ceramic Fiber Core for Casting			6868892	03/22/2005
International Engine Intellectual Property Company, LLC	Wire Guide			6871639	03/29/2005
International Engine Intellectual Property Company, LLC	(THIS FILE WAS ORIGINALLY D5155)				

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International Engine Intellectual Property Company, LLC	Seal For Use With A Movable Rod			6877749	04/12/2005
International Engine Intellectual Property Company, LLC	Acoustic Wave Attenuator For A Rail			6905002	06/14/2005
International Engine Intellectual Property Company, LLC	Apparatus For Aligning Push Rods			6913267	07/05/2005
International Engine Intellectual Property Company, LLC	Core Assembly Apparatus And Process For Assembly of In-Line Six Cylinder Core Packages			6920909	07/26/2005
International Engine Intellectual Property Company, LLC	Casting Method and Apparatus			6923239	08/02/2005
International Engine Intellectual Property Company, LLC	FUEL INJECTOR WITH PIEZOELECTRIC ACTUATOR AND METHOD OF USE			6928986	08/16/2005
International Engine Intellectual Property Company, LLC	Control Strategy For Lean-Rich Transitions in an Internal Combustion Engine			6931837	08/23/2005
International Engine Intellectual Property Company, LLC	Engine Transient Detection And Control Strategy			6934619	08/23/2005
International Engine Intellectual Property Company, LLC	High Volume Actuating Fluid Rail			6935315	08/30/2005
International Engine Intellectual Property Company, LLC	Method Of And Apparatus For Forming A Refractory Lining In A Coreless Furnace			6941653	09/13/2005
International Engine Intellectual Property Company, LLC	Seal Having Gaps			6942221	09/13/2005
International Engine Intellectual Property Company, LLC	Acoustic Wave Attenuator For A Rail			6948585	09/27/2005

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International Engine Intellectual Property Company, LLC	Strategy For Fueling A Diesel Engine By Selective Use Of Fueling Maps To Provide HCCI+RVT, HCCI+VVT, And CD+RVT Combustion Modes			6957640	10/25/2005
International Engine Intellectual Property Company, LLC	Piston Cooling System For An Internal Combustion Engine			6966279	11/22/2005
International Engine Intellectual Property Company, LLC	Post-Retard Fuel Limiting Strategy For An Engine			6968828	11/29/2005
International Engine Intellectual Property Company, LLC	Casting Sand Cores And Expansion Control Methods Therefor			6972302	12/06/2005
International Engine Intellectual Property Company, LLC	Controlling An Engine Operating Parameter During Transients In A Control Data Input By Selection Of The Time Interval For Calculating The Derivative Of The Control Data Input			6973382	12/06/2005
International Engine Intellectual Property Company, LLC	Piston Formed By Powder Metallurgical Methods			6973723	12/13/2005
International Engine Intellectual Property Company, LLC	Emission Reduction In A Diesel Engine By Selective Use Of High-And Low-Pressure EGR Loops			6973786	12/13/2005
International Engine Intellectual Property Company, LLC	Dynamic Fuel Injection Control Pressure Set-Point Limits			6973923	12/13/2005
International Engine Intellectual Property Company, LLC	Method For Manufacture of Gray Cast Iron For Crankcases and Cylinder Heads			6973954	12/13/2005
International Engine Intellectual Property Company, LLC	Fuel Pump Drive System In An Internal Combustion Engine			6976476	12/20/2005
International Engine Intellectual Property Company, LLC	Soot Burn-Off Control Strategy For A Catalyzed Diesel Particulate Filter			6978604	12/27/2005



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International Engine Intellectual Property Company, LLC	Hydraulic Actuator Cartridge For A Valve (combined w/D5239)			6978747	12/27/2005
International Engine Intellectual Property Company, LLC	Governor Plate Apparatus			6978943	12/27/2005
International Engine Intellectual Property Company, LLC	Reducing Pre-Cycle Warm-Up For Electronic Components			6981480	01/03/2006
International Engine Intellectual Property Company, LLC	Coupling device assembly			6981662	01/03/2006
International Engine Intellectual Property Company, LLC	Transient Compensation Of EGR And Boost In An Engine Using Accelerator Pedal Rate Data			6985808	01/10/2006
International Engine Intellectual Property Company, LLC	Transient Speed- And Transient Load-Based Compensation Of Fuel Injection Control Pressure			6988029	01/17/2006
International Engine Intellectual Property Company, LLC	Torque Control Strategy For A Diesel Engine During Lean-Rich Modulation Using Independent Fuel Injection Maps			6990951	01/31/2006
International Engine Intellectual Property Company, LLC	Detecting Leakage Of Engine Exhaust Gas Using Exhaust Mass Flow Measurement			6993428	01/31/2006
International Engine Intellectual Property Company, LLC	Diesel Combustion Chamber			6997158	02/14/2006
International Engine Intellectual Property Company, LLC	System And Method For Relieving Engine Back-Pressure By Selectively Bypassing A Stage Of A Two-Stage Turbocharger During Non-Use Of EGR			7000393	02/21/2006
International Engine Intellectual Property Company, LLC	Unit Trigger Actuator			7004123	02/28/2006

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International Engine Intellectual Property Company, LLC	Enhanced Needle Motion Controller			7004406	02/28/2006
International Engine Intellectual Property Company, LLC	Air Management Strategy For Auto-Ignition In A Compression Ignition Engine			7013212	03/14/2006
International Engine Intellectual Property Company, LLC	Control Strategy For Expanding Diesel HCCI Combustion Range By Lowering Intake Manifold Temperature			7017561	03/28/2006
International Engine Intellectual Property Company, LLC	Two Stage Mixing System For Exhaust Gas Recirculation (EGR)			7028680	04/18/2006
International Engine Intellectual Property Company, LLC	Venturi Mixing System For Exhaust Gas Recirculation (EGR)			7032578	04/25/2006
International Engine Intellectual Property Company, LLC	Fuel System			7040299	05/09/2006
International Engine Intellectual Property Company, LLC	Turbocharger Mounting System			7043915	05/16/2006
International Engine Intellectual Property Company, LLC	Solenoid end cap assembly with flat surface			7044400	05/16/2006
International Engine Intellectual Property Company, LLC	De-Sulfurization OF A NOx Adsorber Catalyst In A Diesel Engine Exhaust System			7047730	05/23/2006
International Engine Intellectual Property Company, LLC	Method And Apparatus For Determining A Valve Operator Position			7047953	05/23/2006
International Engine Intellectual Property Company, LLC	Strategy For Engine Fueling During Return To Positive Power Flow After Engine Brake De-Activation			7055496	06/06/2006
International Engine Intellectual Property Company, LLC	Torque Speed Control Authority For An Engine Having An All-Speed Governor			7058502	06/06/2006

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International Engine Intellectual Property Company, LLC	Retainer For Connector			7059288	06/13/2006
International Engine Intellectual Property Company, LLC	Camshaft Position Sensor Testing System			7066016	06/27/2006
International Engine Intellectual Property Company, LLC	Cooling System For An Internal Combustion Engine With Exhaust Gas Recirculation (EGR)			7089890	08/15/2006
International Engine Intellectual Property Company, LLC	Method And Apparatus For Adjusting Fuel Injection Timing			7093579	08/22/2006
International Engine Intellectual Property Company, LLC	Method And Apparatus For Evaluating The Flowability Of Core Forming Materials			7104148	09/12/2006
International Engine Intellectual Property Company, LLC	Emission Reduction In A Diesel Engine Using An Alternative Combustion Process And A Low-Pressure EGR Loop			7117843	10/10/2006
International Engine Intellectual Property Company, LLC	Connector Clip And Method			7118403	10/10/2006
International Engine Intellectual Property Company, LLC	Method And Apparatus For Determining Turbocharger Boost			7124582	10/24/2006
International Engine Intellectual Property Company, LLC	Engine Speed Stabilizer Using Fuel Rate Control			7130736	10/31/2006
International Engine Intellectual Property Company, LLC	Clean, Low-Pressure EGR In A Turbocharged Engine By Back-Pressure Control			7131271	11/07/2006
International Engine Intellectual Property Company, LLC	Valve Having Axial And Radial Passages			7134641	11/14/2006
International Engine Intellectual Property Company, LLC	Valve Lifter Guide			7137373	11/21/2006

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International Engine Intellectual Property Company, LLC	Vortex Mixing System For Exhaust Gas Recirculation (EGR)			7140357	11/28/2006
International Engine Intellectual Property Company, LLC	Intercooler Bypass			7152588	12/26/2006
International Engine Intellectual Property Company, LLC	Engine Valve System And Method			7168250	01/30/2007
International Engine Intellectual Property Company, LLC	Method And Apparatus For Indicating A Potential Fluid Filter Problem			7168304	01/30/2007
International Engine Intellectual Property Company, LLC	Variable Compression Ratio Strategy For Improving Combustion Processes In Alternative Combustion Compression Ignition Engines			7168396	01/30/2007
International Engine Intellectual Property Company, LLC	Control Strategy For Expanding Diesel HCCI Combustion Range By Lowering Intake Manifold Temperature			7171957	02/06/2007
International Engine Intellectual Property Company, LLC	Model-Based Controller For Auto-Ignition Optimization In A Diesel Engine			7184877	02/27/2007
International Engine Intellectual Property Company, LLC	Combined Filter And Fill Tube			7185643	03/06/2007
International Engine Intellectual Property Company, LLC	Method For Straightening An Eccentric Shaft			7188497	03/13/2007
International Engine Intellectual Property Company, LLC	Engine Cold Start And Malfunction Alert			7188597	03/13/2007
International Engine Intellectual Property Company, LLC	Attenuation of Engine Harshness During Lean-To-Rich Transitions			7191591	03/20/2007
International Engine Intellectual Property Company, LLC	Apparatus And Method For Evaluating Fuel Injectors			7197918	04/03/2007

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International Engine Intellectual Property Company, LLC	Transient Speed- And Transient Load-Based Compensation Of Fuel Injection Control Pressure			7200485	04/03/2007
International Engine Intellectual Property Company, LLC	Control Strategies For A Variable Displacement Oil Pump			7201147	04/10/2007
International Engine Intellectual Property Company, LLC	Heat Exchanger Method And Apparatus			7210468	05/01/2007
International Engine Intellectual Property Company, LLC	Combined with D5800				
International Engine Intellectual Property Company, LLC	Oxidation Catalyst Coating In A Heat Exchanger			7210469	05/01/2007
International Engine Intellectual Property Company, LLC	System and method to control spool stroke motion			7216630	05/15/2007
International Engine Intellectual Property Company, LLC	Sealing System For Multiple Fluids			7234706	06/26/2007
International Engine Intellectual Property Company, LLC	Internal Combustion Engine With At Least Two Cylinder Banks			7237523	07/03/2007
International Engine Intellectual Property Company, LLC	Engine Cast Component Having Witness Marks And Method Of Machining Same			7237525	07/03/2007
International Engine Intellectual Property Company, LLC	Tangential Mixer And Method			7243641	07/17/2007
International Engine Intellectual Property Company, LLC	Bracket For Retaining Wires			7243883	07/17/2007
International Engine Intellectual Property Company, LLC	Core Element Fastening And Assembly Method			7257885	08/21/2007
International Engine Intellectual Property Company, LLC	Diesel Engine Charge Air Cooler Bypass Passage And Method			7257950	08/21/2007

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International Engine Intellectual Property Company, LLC	Apparatus And Method For Pre-Cycle Warm-Up Via Wireless Communication			7258092	08/21/2007
International Engine Intellectual Property Company, LLC	Crankcase For An Internal Combustion Engine			7258097	08/21/2007
International Engine Intellectual Property Company, LLC	Reducing HC Collection In A Diesel Particulate Filter During Failure In An Engine Cold Start Aid			7258112	08/21/2007
International Engine Intellectual Property Company, LLC	Strategy For Detecting Use Of A Block Heater And For Modifying Temperature-Dependent Variables To Account For Its Use			7277791	10/02/2007
International Engine Intellectual Property Company, LLC	EGR Cooler Purging Apparatus And Method			7281529	10/16/2007
International Engine Intellectual Property Company, LLC	(D5798 combined with this file)				
International Engine Intellectual Property Company, LLC	Divided Exhaust Manifold System And Method			7287378	10/30/2007
International Engine Intellectual Property Company, LLC	Method And System For Calculating Brake Torque Produced By A Turbocharged Engine			7289899	10/30/2007
International Engine Intellectual Property Company, LLC	Drive Chain Assembly Restraint			7290335	11/06/2007
International Engine Intellectual Property Company, LLC	Attenuation of Engine Harsnness During Lean-To-Rich Transitions			7292930	11/06/2007
International Engine Intellectual Property Company, LLC	Core Element Fastening And Assembly Method			7293358	11/13/2007
International Engine Intellectual Property Company, LLC	DPF Regeneration Monitoring Method			7296626	11/27/2007

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International Engine Intellectual Property Company, LLC	Non-Homogeneous Engine Component Formed By Powder Metallurgy (this files was combined with D5090)			7299715	11/27/2007
International Engine Intellectual Property Company, LLC	Valve System For An Internal Combustion Engine And Method			7299771	11/27/2007
International Engine Intellectual Property Company, LLC	EGR Engine Heater and method			7305976	12/11/2007
International Engine Intellectual Property Company, LLC	Engine Exhaust Gas Passage Flow Orifice And Method			7311090	12/25/2007
International Engine Intellectual Property Company, LLC	Fuel Injector Clamp With Retaining Sleeve			7347189	03/25/2008
International Engine Intellectual Property Company, LLC	Robust EGR Control Against Back Pressure Fluctuation During DPF Soot Build Up and Burn Off			7353648	04/08/2008
International Engine Intellectual Property Company, LLC	Exhaust Gas Throttle For Divided Turbine Housing Turbocharger			7363761	04/29/2008
International Engine Intellectual Property Company, LLC	Valve Lifter Guide			7373907	05/20/2008
International Engine Intellectual Property Company, LLC	Jacket And Slab Core Fastening Apparatus			7392835	07/01/2008
International Engine Intellectual Property Company, LLC	Variable Geometry Turbocharger Control Method And Apparatus			7415825	08/26/2008
International Engine Intellectual Property Company, LLC	High Pressure Hydraulic Fitting Design For Diesel Engines			7419189	09/02/2008
International Engine Intellectual Property Company, LLC	System And Method For Quantizing Fuel Dilution Of Engine Motor Due To Post-Injection Fueling To Regenerate An Exhaust Aftertreatment Device			7433776	10/07/2008

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International Engine Intellectual Property Company, LLC	Engine Bleed Air Passage And Method			7448212	11/11/2008
International Engine Intellectual Property Company, LLC	Hybrid Combustion In A Diesel Engine			7461627	12/09/2008
International Engine Intellectual Property Company, LLC	Vented Turbocharger Center Housing And Method			7476090	01/13/2009
International Engine Intellectual Property Company, LLC	System And Method For Diesel Particulate Filter Regeneration			7484503	02/03/2009
International Engine Intellectual Property Company, LLC	Non-Homogenous Engine Component Formed By Powder Metallurgy (This file was combined with D5087 entitled Powder Forged Crankshaft)			7509890	03/31/2009
International Engine Intellectual Property Company, LLC	Engine Cover And Method			7509935	03/31/2009
International Engine Intellectual Property Company, LLC	Control Strategy For Reducing Fuel Consumption Penalty Due To NOx Adsorber Regeneration			7530220	05/12/2009
International Engine Intellectual Property Company, LLC	Three Sensor Comparison Rationality Test			7533519	05/19/2009
International Engine Intellectual Property Company, LLC	Engine Speed Controller Having PI Gains Set By Engine Speed And Engine Speed Error			7536992	05/26/2009
International Engine Intellectual Property Company, LLC	Acute Angle Pressure Sensor Probe And Method			7546762	06/16/2009
International Engine Intellectual Property Company, LLC	Low Restriction Turbine Discharge Elbow For Turbocharger Exhaust Connection To Vehicle Down Pipe			7562528	07/21/2009



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International Engine Intellectual Property Company, LLC	Engine Intake Air Compressor Having Multiple Inlets And Method			7575411	08/18/2009
International Engine Intellectual Property Company, LLC	Exhaust Gas Recirculation For An Internal Combustion Engine And Method Therefor			7594398	09/29/2009
International Engine Intellectual Property Company, LLC	Damper Assembly With Reinforcing Plate			7597029	10/06/2009
International Engine Intellectual Property Company, LLC	Oil Pan To Engine Block Attachment For Avoiding Fretting Of The Oil Pan Rim			7597083	10/06/2009
International Engine Intellectual Property Company, LLC	Strategy For Selectively Bypassing A DPF In A Hybrid HCCI Combustion Engine			7631489	12/15/2009
International Engine Intellectual Property Company, LLC	Gasket			7681890	03/23/2010
International Engine Intellectual Property Company, LLC	Windowing Inputs To Flow-Based Soot Estimation In Diesel Particulate Filters To Improve Robustness To Disproportionately Nonlinear Pressure And Flow Transients			7698888	04/20/2010
International Engine Intellectual Property Company, LLC	Engine Intake Air Compressor And Method			7698894	04/20/2010
International Engine Intellectual Property Company, LLC	High Pressure Oil Limit Based on Fuel Level To Protect Fuel Injectors			7702449	04/20/2010
International Engine Intellectual Property Company, LLC	Multiple Height Fluid Mixer And Method Of Use			7740008	06/22/2010
International Engine Intellectual Property Company, LLC	Strategy For Fueling A Diesel Engine			7742867	06/22/2010

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International Engine Intellectual Property Company, LLC	System And Method For Achieving Engine Back-Pressure Set-Point By Selectively Bypassing A Stage Of A Two-Stage Turbocharger			7748218	07/06/2010
International Engine Intellectual Property Company, LLC	Constant EGR Rate Engine And Method			7788923	09/07/2010
International Engine Intellectual Property Company, LLC	Cylinder Head Gasket For An Internal Combustion Engine			7789060	09/07/2010
International Engine Intellectual Property Company, LLC	Compound Bracket System			7810466	10/12/2010
International Engine Intellectual Property Company, LLC	Compression Ignition Engine Having Fuel Injection Devices And Processes For Promoting Cleaner Burning Lifted Flame Combustion			7823557	11/02/2010
International Engine Intellectual Property Company, LLC	Dampening stop pin			7900604	03/08/2011
International Engine Intellectual Property Company, LLC	Spool Valve And Method			7921877	04/12/2011
International Engine Intellectual Property Company, LLC	Engine Block Casting And Method Of Manufacture			7958633	06/14/2011
International Engine Intellectual Property Company, LLC	Internal Combustion Engine Having Compressor With First And Second Tributary Inlets			7975478	07/12/2011
International Engine Intellectual Property Company, LLC	Harness Retainer Indicator			7999181	08/16/2011
International Engine Intellectual Property Company, LLC	BRIDGE AND PIVOT FOOT ARRANGEMENT FOR OPERATING ENGINE CYLINDER VALVES			8006661 B2	08/30/2011

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International Engine Intellectual Property Company, LLC	Intake Manifold Oxygen Control			8010276 B2	08/30/2011
International Engine Intellectual Property Company, LLC	Intake Valve Closing Hydraulic Adjuster			8069828	12/06/2011
International Engine Intellectual Property Company, LLC	Flow Regulation Mechanism For Turbocharger Compressor			8070416	12/06/2011
International Engine Intellectual Property Company, LLC	THERMAL MANAGEMENT OF UREA DOSING COMPONENTS IN AN ENGINE EXHAUST AFTER-TREATMENT SYSTEM			8122710	02/28/2012
International Engine Intellectual Property Company, LLC	MOUNT FOR EXHAUST SYSTEM COMPONENTS			8136770	03/20/2012
International Engine Intellectual Property Company, LLC	Engine Intake Air Compressor And Method			8137057	03/20/2012
International Engine Intellectual Property Company, LLC	ENGINE WITH ELECTRONICALLY CONTROLLED STARTING METHOD			8140245	03/20/2012
International Engine Intellectual Property Company, LLC	Adaptive EGR Cooling System			8146542	04/03/2012
International Engine Intellectual Property Company, LLC	Engine Glow Plug Diagnosis Using Crankshaft Sensor Data			8150576	04/03/2012
International Engine Intellectual Property Company, LLC	EXHAUST GAS RECIRCULATION COOLER SYSTEM			8161949	04/24/2012
International Engine Intellectual Property Company, LLC	VARIABLE OPEN-CLOSED CRANKCASE BREATHER SYSTEM FOR BLOW-BY GAS			8171924	05/08/2012

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International Engine Intellectual Property Company, LLC	METHOD, SYSTEM AND APPARATUS FOR LIQUID INJECTION INTO A GAS SYSTEM			8173088	05/08/2012
International Engine Intellectual Property Company, LLC	Turbocharger with Integrated Centrifugal Breather			8201544	06/19/2012
International Engine Intellectual Property Company, LLC	UNINTENDED EXOTHERMAL REACTIONS MONITORING FOR DIESEL AFTER-TREATMENT SYSTEMS			8205436	06/26/2012
International Engine Intellectual Property Company, LLC	FUEL INJECTOR NOZZLE			8205598	06/26/2012
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD OF CONTROLLING AN AMOUNT OF CONDENSATION IN AN ENGINE AIR INTAKE SYSTEM			8205602	06/26/2012
International Engine Intellectual Property Company, LLC	METHOD AND APPARATUS FOR REDUCING BLOW-BY COKING			8205603	06/26/2012
International Engine Intellectual Property Company, LLC	MODEL FOR INFERRING TEMPERATURE OF EXHAUST GAS AT AN EXHAUST MANIFOLD USING TEMPERATURE MEASURED AT ENTRANCE OF A DIESEL OXIDATION CATALYST			8205606	06/26/2012
International Engine Intellectual Property Company, LLC	Battery Back Up for Electronic Modules			8207633	06/26/2012
International Engine Intellectual Property Company, LLC	A Method For On-Board Data Backup For Configurable Programmable Parameters			8219279	07/10/2012

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International Engine Intellectual Property Company, LLC	Preventing Soot Underestimation in Diesel Particulate Filters by Determining the Restriction Sensitivity of Soot			8266890	09/18/2012
International Engine Intellectual Property Company, LLC	EMG Temp Signal Model Based On EGRC Out Temp For EGR System Anti-Fouling Protection			8267069	09/18/2012
International Engine Intellectual Property Company, LLC	QUICK CONNECT VALVE WITH INTEGRAL BACKFLOW VALVE			8267376	09/18/2012
International Engine Intellectual Property Company, LLC	SUPERCHARGED BOOST-ASSIST ENGINE BRAKE			8281587	10/09/2012
International Engine Intellectual Property Company, LLC	CONNECTOR POSITION ASSURANCE LOCK			8282411	10/09/2012
International Engine Intellectual Property Company, LLC	SCR MIXER			8291696	10/23/2012
International Engine Intellectual Property Company, LLC	Method and Apparatus for De-Sulfurization on a Diesel Oxidation Catalyst			8302387	11/06/2012
International Engine Intellectual Property Company, LLC	UREA SCR DIESEL AFTERTREATMENT SYSTEM			8302389	11/06/2012
International Engine Intellectual Property Company, LLC	ENGINE EXHAUST SYSTEM HAVING A PLURALITY OF DIESEL PARTICULATE FILTERS			8307630	11/13/2012
International Engine Intellectual Property Company, LLC	Post Injection bucketing strategy to avoid hardware cavitation.			8307632	11/13/2012

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International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD FOR INDICATING APPARENT VEHICLE SERVICE BRAKE APPLICATION WITHOUT APPARENT OPERATION OF SERVICE BRAKE ACTUATOR			8340853	12/25/2012
International Engine Intellectual Property Company, LLC	EGR COOLER CLEANING SYSTEM AND METHOD			8375713	02/19/2013
International Engine Intellectual Property Company, LLC	ENGINE EXHAUST SYSTEM HAVING FILTER BEFORE TURBOCHARGER			8381518	02/26/2013
International Engine Intellectual Property Company, LLC	METHOD OF STATIONARY REGENERATION OF AN ENGINE EXHAUST PARTICULATE FILTER			8381519	02/26/2013
International Engine Intellectual Property Company, LLC	FUEL INJECTOR ASSEMBLY			8382006	02/26/2013
International Engine Intellectual Property Company, LLC	METHOD FOR AUTOMATICALLY DETERMINING ENGINE OIL CHANGE FREQUENCY BASED ON FUEL INJECTED			8386120	02/26/2013
International Engine Intellectual Property Company, LLC	FLEX Dual Stage EGR Cooling			8393314	03/12/2013
International Engine Intellectual Property Company, LLC	EXPANSION TANK FOR VEHICLE COOLING SYSTEM			8397681	03/19/2013
International Engine Intellectual Property Company, LLC	METHOD OF MONITORING HYDROCARBON LEVELS IN A DIESEL PARTICULATE FILTER			8407985	04/02/2013
International Engine Intellectual Property Company, LLC	ENGINE CRANKCASE FIRING DECK HAVING ANTI-DISTORTION PROJECTIONS			8408178	04/02/2013

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International Engine Intellectual Property Company, LLC	TELEMETRY-BASED REGENERATION STRATEGY FOR AN ENGINE EXHAUST AFTER-TREATMENT DEVICE			8412451	04/02/2013
International Engine Intellectual Property Company, LLC	BOUNDARY EDGE FILTER OF A UNIT FUEL INJECTOR			8413913	04/09/2013
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD FOR CONDENSATE REMOVAL FROM EGR SYSTEM			8418461	04/16/2013
International Engine Intellectual Property Company, LLC	METHOD FOR INJECTING AMMONIA INTO AN EXHAUST GAS STREAM			8434298	05/07/2013
International Engine Intellectual Property Company, LLC	Strategy Employing Exhaust Back-Pressure For Burning Soot Trapped By A Diesel Particulate Filter			8434299	05/07/2013
International Engine Intellectual Property Company, LLC	CRANKCASE BLOW-BY GAS TREATMENT ASSEMBLY AND METHOD OF TREATING BLOW-BY GAS			8434434	05/07/2013
International Engine Intellectual Property Company, LLC	ELECTRIC-ACTUATED CONTROL VALVE OF A UNIT FUEL INJECTOR			8444070	05/21/2013
International Engine Intellectual Property Company, LLC	EXHAUST SYSTEM FOR ENGINE BRAKING			8448626	05/28/2013
International Engine Intellectual Property Company, LLC	Diesel fuel injector circlip and ferrule ring removing tool - IP to be assigned in the PPT sale			8458875	06/11/2013
International Engine Intellectual Property Company, LLC	System And Method For Inhibiting Regeneration Of A Diesel Particulate Filter			8479499	07/09/2013

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	Breather Air - Oil Separator			8485145	07/16/2013
International Engine Intellectual Property Company, LLC	DISASSEMBLY STATION - IP to be assigned in the PPT sale			8490264	07/23/2013
International Engine Intellectual Property Company, LLC	FUEL INJECTOR CLAMP			8522754	09/03/2013
International Engine Intellectual Property Company, LLC	INSULATED MAIN NH3 CARTRIDGE SYSTEM WITH SEPARATE START-UP UNIT			8549849	10/08/2013
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD FOR INJECTING AMMONIA INTO AN EXHAUST GAS STREAM			8551432	10/08/2013
International Engine Intellectual Property Company, LLC	EMISSION CONTROL SYSTEM FOR AN ENGINE HAVING A TWO-STAGE TURBOCHARGER			8596252	12/03/2013
International Engine Intellectual Property Company, LLC	Engine Braking System Using Spring Loaded Valve			8616178	12/31/2013
International Engine Intellectual Property Company, LLC	CONTROL SYSTEM AND METHOD FOR LIMITING ENGINE TORQUE BASED ON ENGINE OIL PRESSURE AND ENGINE OIL TEMPERATURE DATA			8620565	12/31/2013
International Engine Intellectual Property Company, LLC	SYSTEM FOR DISABLING DIESEL PARTICULATE FILTER REGENERATION DURING ELECTRIC OPERATION			8635856	01/28/2014
International Engine Intellectual Property Company, LLC	HIGH-TEMPERATURE-FLOW ENGINE BRAKE WITH VALVE ACTUATION			8689770	04/08/2014
International Engine Intellectual Property Company, LLC	DPF ENERGY CONSERVATION			8828342	09/09/2014



Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	AMMONIA STORAGE ON AN SCR CATALYST			8935915	01/20/2015
International Engine Intellectual Property Company, LLC	SUPPLEMENTAL AMMONIA STORAGE AND DELIVERY SYSTEM			8940260	01/27/2015
International Engine Intellectual Property Company, LLC	RECHARGE DEVICE AND METHOD FOR NH3 CARTRIDGE			9021790	05/05/2015
International Engine Intellectual Property Company, LLC	NH3 STORAGE SETPOINT TEMPERATURE ALGORITHM			9021862	05/05/2015
International Engine Intellectual Property Company, LLC	COLD START STARTUP UNIT FOR UREA-BASED SYSTEMS			9028783	05/12/2015
International Engine Intellectual Property Company, LLC	DIAGNOSTICS FOR HYDROCARBON INJECTION FOR FILTER REGENERATION			9051867	06/09/2015
International Engine Intellectual Property Company, LLC	EGR Cooler			9062634	06/23/2015
International Engine Intellectual Property Company, LLC	FUEL INJECTION PATTERN AND TIMING (D7345 was a provisional and was combined into D7584)			9121363	09/01/2015
International Engine Intellectual Property Company, LLC	MIXING PLATE PROVIDING MULTI-TIERED AMMONIA DISTRIBUTION			9174167	11/03/2015
International Engine Intellectual Property Company, LLC	ENGINE WITH ENGINE OIL VISCOSITY CONTROL AND METHOD FOR CONTROLLING THE SAME			9175595	11/03/2015
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD FOR PROTECTING AN ENGINE FROM CONDENSATION AT INTAKE			9175600	11/03/2015

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	ENGINE EMISSION CONTROL STRATEGY FOR SMOKE AND NOX			9175622	11/03/2015
International Engine Intellectual Property Company, LLC	MASS AIRFLOW SENSOR CALIBRATION EVALUATION			9175623	11/03/2015
International Engine Intellectual Property Company, LLC	WASTE HEAT RECOVERY SYSTEM FOR CONTROLLING EGR OUTLET TEMPERATURE			9175643	11/03/2015
International Engine Intellectual Property Company, LLC	EXHAUST GAS FLOW DIVIDER FOR TURBOCHARGER TURBINE HOUSING			9206732	12/08/2015
International Engine Intellectual Property Company, LLC	VVA CONTROL OF NOX IN A LOW DELTA(triangle sign) P AREA OF AN ENGINE OPERATING MAP			9206759	12/08/2015

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD OF CONTROLLING MAXIMUM HYDROCARBON INJECTION FOR DIESEL PARTICULATE FILTER REGENERATION  old: APPLICATION OF THE MAXIMUM AMOUNT OF THE FUEL INJECTION QUANTITY AHEAD OF THE DOC TO AVOID HC SLIP BASED ON THE OXYGEN CONCENTRATION AVAILABLE AT THE DOC OUTLET /DPF INLET AND DOC INLET AND SPACE VELOCITY.  (This equation can be used as a saturated limit to decide the maximum fuel injection allowed ahead of the DOC)			9228473	01/05/2016
International Engine Intellectual Property Company, LLC	INJECTOR NOZZLE COKING COMPENSATION STRATEGY			9249743	02/02/2016
International Engine Intellectual Property Company, LLC	ENGINE CONTROLLING EMISSIONS DURING TRANSIENT OPERATIONS			9267430	02/23/2016
International Engine Intellectual Property Company, LLC	TURBOCHARGER OPERATION TO INCREASE BRAKE EFFECTIVENESS			9291091	03/22/2016
International Engine Intellectual Property Company, LLC	INTERNAL COMBUSTION ENGINE OPERATING ON DIFFERENT REACTIVITY FUELS			9322339	04/26/2016
International Engine Intellectual Property Company, LLC	SOOT ACCUMULATION MODEL FOR SETPOINT MODIFICATION			9322357	04/26/2016

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	STATUS INDICATOR FOR AMMONIA CARTRIDGE - Combined with D71 34			9322695	04/26/2016
International Engine Intellectual Property Company, LLC	SETPPOINT BANK CONTROL ARCHITECTURE			9328691	05/03/2016
International Engine Intellectual Property Company, LLC	DERATE STRATEGY FOR EGR COOLER PROTECTION			9334835	05/10/2016
International Engine Intellectual Property Company, LLC	TRAPPED SOOT ESTIMATOR			9353659	05/31/2016
International Engine Intellectual Property Company, LLC	TURBOCHARGER BYPASS SYSTEM			9353759	05/31/2016
International Engine Intellectual Property Company, LLC	ENGINE BRAKING			9359962	06/07/2016
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD FOR CONTROLLING A TRANSMISSION			9376100	06/28/2016
International Engine Intellectual Property Company, LLC	REDUCTANT DELIVERY PERFORMANCE DIAGNOSTICS SYSTEM			9399942	07/26/2016
International Engine Intellectual Property Company, LLC	ADAPTIVE SHIFT SCHEDULING SYSTEM			9410618	08/09/2016
International Engine Intellectual Property Company, LLC	OIL PROPERTY MANAGEMENT SYSTEM AND METHOD FOR INTERNAL COMBUSTION ENGINE FUEL ECONOMY AND MINIMUM WEAR RATES			9416696	08/16/2016
International Engine Intellectual Property Company, LLC	METHOD OF COMPENSATING FOR INJECTOR AGING			9416748	08/16/2016
International Engine Intellectual Property Company, LLC	TRAPPED SOOT MEASUREMENT			9422853	08/23/2016

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD OF CONTROLLING FUEL INJECTION DROPLET SIZE IN AN ENGINE HAVING AN IN-CYLINDER PRESSURE SENSOR			9429095	08/30/2016
International Engine Intellectual Property Company, LLC	ENGINE STARTING CONTROL STRATEGY			9470123	10/18/2016
International Engine Intellectual Property Company, LLC	LOCATING PIN			9488142	11/08/2016
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD OF CONTROLLING FUEL INJECTION PRESSURE IN AN ENGINE HAVING AN IN-CYLINDER PRESSURE SENSOR			9518525	12/13/2016
International Engine Intellectual Property Company, LLC	ENGINE COOLING FAN CONTROL STRATEGY			9523306	12/20/2016
International Engine Intellectual Property Company, LLC	MIXING PLATE AS STABILIZER FOR AMMONIA GAS INJECTOR			9551255	01/24/2017
International Engine Intellectual Property Company, LLC	CARBON SCRAPING RING WITH ABRADABLE COATING			9562491	02/07/2017
International Engine Intellectual Property Company, LLC	COORDINATING VARIABLE VALVE ACTUATION AND TURBOCHARGER OPERATION IN AN INTERNAL COMBUSTION ENGINE			9587590	03/07/2017
International Engine Intellectual Property Company, LLC	START OF INJECTION TIMING			9599042	03/21/2017
International Engine Intellectual Property Company, LLC	POWER MODULATION FOR AMMONIA DELIVERY SYSTEM			9599283	03/21/2017

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Engine Intellectual Property Company, LLC	METHOD FOR ANALYZING INJECTOR PERFORMANCE			9605611	03/28/2017
International Engine Intellectual Property Company, LLC	GASEOUS FLUID METERING UNIT			9638081	05/02/2017
International Engine Intellectual Property Company, LLC	STRATEGY FOR FUELING A DIESEL ENGINE			9638128	05/02/2017
International Engine Intellectual Property Company, LLC	ENGINE WITH COOLANT THROTTLE AND METHOD FOR CONTROLLING THE SAME			9638139	05/02/2017
International Engine Intellectual Property Company, LLC	LOW LEAKAGE SEAT VALVE GUIDE			9651013	05/16/2017
International Engine Intellectual Property Company, LLC	SWIRL-INDUCING INTAKE VALVE ARRANGEMENT			9657633	05/23/2017
International Engine Intellectual Property Company, LLC	MODULATING BYPASS VALVE			9657689	05/23/2017
International Engine Intellectual Property Company, LLC	SYSTEM AND METHOD OF CONTROLLING COMBUSTION IN AN ENGINE HAVING AN IN-CYLINDER PRESSURE SENSOR			9670851	06/06/2017
International Engine Intellectual Property Company, LLC	INJECTOR CAVITATION DETECTION TEST			9709012	07/18/2017
International Engine Intellectual Property Company, LLC	Modular Water Pump			9765683	09/19/2017
International Engine Intellectual Property Company, LLC	NH3 Flow Measurement			9777610	10/03/2017
International Truck and Engine Corporation	Vehicle Battery Condition Monitoring System			6417668	07/09/2002
International Truck and Engine Corporation	Vehicle Accessory-Mounting Assembly			6709037	03/23/2004

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	MOTOR VEHICLE STATE CONTROL SYSTEM AND METHOD	14/777574	03/22/2013		
International Truck Intellectual Property Company, LLC	THERMAL-OPERATED PUMP	14/784738	04/17/2013		
International Truck Intellectual Property Company, LLC	AUTOMATED DIFFERENTIAL LOCK	14/976544	12/21/2015		
International Truck Intellectual Property Company, LLC	CONTROLLING WEIGHT ALLOCATION BETWEEN TRUCK AXLES	15/042910	02/12/2016		
International Truck Intellectual Property Company, LLC	VEHICLE CLIMATE CONTROL SYSTEM	15/259809	09/08/2016		
International Truck Intellectual Property Company, LLC	VEHICLE NOTIFICATION SYSTEM	15/464894	03/21/2017		
International Truck Intellectual Property Company, LLC	BUMPER	29/596913	03/13/2017		
International Truck Intellectual Property Company, LLC	HEADLIGHT FOR A TRUCK VEHICLE	29/597877	03/21/2017		
International Truck Intellectual Property Company, LLC	GRILLE FOR A TRUCK VEHICLE	29/602972	05/05/2017		
International Truck Intellectual Property Company, LLC	DOOR HANDLE FOR A TRUCK VEHICLE	29/602975	05/05/2017		
International Truck Intellectual Property Company, LLC	WINDSHIELD FOR A TRUCK VEHICLE	29/603019	05/05/2017		
International Truck Intellectual Property Company, LLC	Parking Brake Lock-In Key Switch System for Vehicle Air Brake System			6007159	12/28/1999
International Truck Intellectual Property Company, LLC	Circuit for Interfacing Vehicle Drive-train, Service Brake and Power Take-Off with Engine Control			6045485	04/04/2000

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Integrated Active Seat Suspension and Seat Lockup System			6120082	09/19/2000
International Truck Intellectual Property Company, LLC	Dual Function Lamp Socket			6135780	10/24/2000
International Truck Intellectual Property Company, LLC	Brake Activated Torque Disable with Hybrid Electric Vehicles			6186253	02/13/2001
International Truck Intellectual Property Company, LLC	Vehicle Anti-Lock Brake Systems Assembly Verification System Combined with D4891 in Non-Provisional			6188948	02/13/2001
International Truck Intellectual Property Company, LLC	Polyurethane/Polyurea Coated Steel Battery Box for Hybrid Electric Vehicle Applications			6189635	02/20/2001
International Truck Intellectual Property Company, LLC	Integrated Active Seat Suspension and Seat Lockup System			6193297	02/27/2001
International Truck Intellectual Property Company, LLC	Bumper Integrated School Bus Safety Arm			6213526	04/10/2001
International Truck Intellectual Property Company, LLC	Parking Brake Lock-In Key Switch System for Vehicle Air Brake System			6234586	05/22/2001
International Truck Intellectual Property Company, LLC	Symmetrical Dash Reinforcement			6260914	07/17/2001
International Truck Intellectual Property Company, LLC	Configuration Programming of Input/Output Connections for Network Modules in a Multiplexed Vehicle Communication System			6263269	07/17/2001
International Truck Intellectual Property Company, LLC	Remote Interface Modules with Programmable Functions			6272402	08/07/2001
International Truck Intellectual Property Company, LLC	Articulating Air Spring Suspension for Tandem Axle			6276710	08/21/2001



Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Mounting Bracket for Automatic Transmission Shift Control			6282975	09/04/2001
International Truck Intellectual Property Company, LLC	Anti Lock Brake Sensor Bracket			6286638	09/11/2001
International Truck Intellectual Property Company, LLC	Method and Apparatus for Conditioning Deployment of Air Bags on Vehicle Load			6327528	12/04/2001
International Truck Intellectual Property Company, LLC	Integrated Front Lower Shock Mount, Axle Spacer and Caster Wedge			6352245	03/05/2002
International Truck Intellectual Property Company, LLC	Backshell w/ Forced Electrical Connector Orientation			6364693	04/02/2002
International Truck Intellectual Property Company, LLC	Self-Leveling Suspension System			6378878	04/30/2002
International Truck Intellectual Property Company, LLC	Quick Connect Fluid Coupling for an Inlet Cleaner			6383243	05/07/2002
International Truck Intellectual Property Company, LLC	Controller Area Network Diagnostic Instrument - CANDI			6393379	05/21/2002
International Truck Intellectual Property Company, LLC	Front Air Spring Suspension with Anti-Dive and Anti-Roll Properties			6394474	05/28/2002
International Truck Intellectual Property Company, LLC	Air Cleaner Inlet Device			6395048	05/28/2002
International Truck Intellectual Property Company, LLC	Mirror Head Assembly			6406170	06/18/2002
International Truck Intellectual Property Company, LLC	Component Mount For a Vehicle Frame			6408974	06/25/2002
International Truck Intellectual Property Company, LLC	Air Cleaner with Self-Mounted Inlet Shroud Seal			6425930	07/30/2002

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Mobile Multiplexed Slow Scan Video System			6480224	11/12/2002
International Truck Intellectual Property Company, LLC	Apparatus For Enabling Truck Power Take Off Functionality During Auto Neutral			6482124	11/19/2002
International Truck Intellectual Property Company, LLC	Headlight Anti-Glare System			6515425	02/04/2003
International Truck Intellectual Property Company, LLC	Remote Keyless Entry System for Motor Vehicles			6522029	02/18/2003
International Truck Intellectual Property Company, LLC	Vehicle Cab Suspension System			6540038	04/01/2003
International Truck Intellectual Property Company, LLC	L-Bracket Modular Front Engine Mounting			6564892	05/20/2003
International Truck Intellectual Property Company, LLC	Corrosion Resistant Cast-In Insert Exciter Ring			6568512	05/27/2003
International Truck Intellectual Property Company, LLC	Tractor-Trailer Gap Treatment			6585312	07/01/2003
International Truck Intellectual Property Company, LLC	Vehicle Accessory-Mounting Assembly			6588818	07/08/2003
International Truck Intellectual Property Company, LLC	Driver Control Module			6591927	07/15/2003
International Truck Intellectual Property Company, LLC	T-Style Radiator - Charge Air Cooler Packaging for a Mobile Vehicle			6634418	10/21/2003
International Truck Intellectual Property Company, LLC	Cooling Module Mounting System			6648089	11/18/2003
International Truck Intellectual Property Company, LLC	Hood Latch and Vehicle Mounting			6666291	12/23/2003

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Vehicle Lamp Inspection System			66742388	01/06/2004
International Truck Intellectual Property Company, LLC	Cab Body Mounting Having A Load Sharing Feature For Limiting Shearing Stress In A Fastener Of The Mounting			6692052	02/17/2004
International Truck Intellectual Property Company, LLC	Vehicle Park Brake Actuator System (Combined with D5203 & )			6705436	03/16/2004
International Truck Intellectual Property Company, LLC	Electrical Connection Module			6709287	03/23/2004
International Truck Intellectual Property Company, LLC	Programmable Matrix Controller for Correlating Electric in a Motor Vehicle w/ Switches in a Switch Module			6724102	04/20/2004
International Truck Intellectual Property Company, LLC	Park-Brake Monitoring-System For A Vehicle			6732026	05/04/2004
International Truck Intellectual Property Company, LLC	Gear Shifter to Transmission Interface and Control Sub-System			6738701	05/18/2004
International Truck Intellectual Property Company, LLC	Mirror Head Assembly			6764207	07/20/2004
International Truck Intellectual Property Company, LLC	Configurable Interrupter For Circuit Overcurrent Conditions			6765776	07/20/2004
International Truck Intellectual Property Company, LLC	Electrical Load Management in Conjunction with Idle Shutdown			6768221	07/27/2004
International Truck Intellectual Property Company, LLC	Park-Brake Monitoring-System For A Vehicle			6779636	08/24/2004

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Remote Engine Stop/Start System With Backup Motor Control  (Originally Combined With D5339)			6789519	09/14/2004
International Truck Intellectual Property Company, LLC	Vandal-Lock / Starter-Interlock			6791455	09/14/2004
International Truck Intellectual Property Company, LLC	System And Method For Vehicle Axle Load Measurement With Hysteresis Compensation And Acceleration Filter			6803530	10/12/2004
International Truck Intellectual Property Company, LLC	Apparatus And Method For Verifying The Beam Axis Of Front-Looking Land Vehicle Transceiver Antenna			6809806	10/26/2004
International Truck Intellectual Property Company, LLC	Lift Axle Control			6810982	11/02/2004
International Truck Intellectual Property Company, LLC	Vehicle Heating And Air Conditioning Modules			6827141	12/07/2004
International Truck Intellectual Property Company, LLC	Vehicle Entrance-Door Safety-System			6834740	12/28/2004
International Truck Intellectual Property Company, LLC	Motor Vehicle Battery Disconnect Switch Circuits			6836094	12/28/2004
International Truck Intellectual Property Company, LLC	Vehicle With Engine Idle-Management System			6836718	12/28/2004
International Truck Intellectual Property Company, LLC	Configurable Switch Array			6841895	01/11/2005
International Truck Intellectual Property Company, LLC	Fluid Center (Combined with D5195)			6868928	03/22/2005

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Distance Tolerant Leadless Current Sensor			6917193	07/12/2005
International Truck Intellectual Property Company, LLC	Engine Based Kinetic Energy Recovery System For Vehicles			6922997	08/02/2005
International Truck Intellectual Property Company, LLC	Steering Wheel Mounted Warning/Cross-Over Lights Switches			6928351	08/09/2005
International Truck Intellectual Property Company, LLC	PTO-Logic-Configuration System			6928358	08/09/2005
International Truck Intellectual Property Company, LLC	Vehicle Heating And Air Conditioning Modules			6962195	11/08/2005
International Truck Intellectual Property Company, LLC	Modularized Power Take-Off Systems For Vehicles			6963796	11/08/2005
International Truck Intellectual Property Company, LLC	Modular Bus Body Assembly			7036870	05/02/2006
International Truck Intellectual Property Company, LLC	Sub-Assembly Mounting System			7044504	05/16/2006
International Truck Intellectual Property Company, LLC	Solenoid Actuated Control For Fuel Distribution In A Dual Fuel Tank Vehicle			7055543	06/06/2006
International Truck Intellectual Property Company, LLC	School Bus Passenger Seat With Integrated Restraints (Combined with D5589)			7055901	06/06/2006
International Truck Intellectual Property Company, LLC	Motion Controlling Plate For Seat And Seat System For A Mobile Vehicle			7059675	06/13/2006
International Truck Intellectual Property Company, LLC	Exterior Lamp Check For Motor Vehicles			7106068	09/12/2006
International Truck Intellectual Property Company, LLC	Post-Trip Bus Inspection Alert System			7158014	01/02/2007

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Clutch Linkage With Vibration Isolation And Damping			7163092	01/16/2007
International Truck Intellectual Property Company, LLC	Sliding Chassis Skirt			7163258	01/16/2007
International Truck Intellectual Property Company, LLC	Parking Brake Lock-In Key Switch System With Automatic Application For A Vehicle With An Air Brake System			7216941	05/15/2007
International Truck Intellectual Property Company, LLC	Automated Control System For A Vehicle Lift Axle			7222867	05/29/2007
International Truck Intellectual Property Company, LLC	Vehicle Energy Management System			7231959	06/19/2007
International Truck Intellectual Property Company, LLC	Low Load Floor Motor Vehicle			7232004	06/19/2007
International Truck Intellectual Property Company, LLC	Tailgate with Integrated and Extended Steps for a Vehicle Having a Cargo Bed			7234750	06/26/2007
International Truck Intellectual Property Company, LLC	Wheel Splash And Spray Suppressor			7258366	08/21/2007
International Truck Intellectual Property Company, LLC	System For Integrating Body Equipment With A Vehicle Hybrid Powertrain			7281595	10/16/2007
International Truck Intellectual Property Company, LLC	Engine And Method For Counteracting Face Plugging Of A Diesel Oxidation Catalyst			7308768	12/18/2007
International Truck Intellectual Property Company, LLC	Auxiliary Lighting System For Vehicles			7355347	04/08/2008
International Truck Intellectual Property Company, LLC	Post-Trip Bus Inspection Alert System			7378946	05/27/2008

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Vehicle Control Network Integrated Theft Deterrent System (Combined w/D5607)			7394352	07/01/2008
International Truck Intellectual Property Company, LLC	System For Automatic Activation And Cancellation Of Hazard Lights On A Vehicle			7397349	07/08/2008
International Truck Intellectual Property Company, LLC	Automated Vehicle Battery Protection With Programmable Load Shedding And Engine Speed Control			7421323	09/02/2008
International Truck Intellectual Property Company, LLC	Endplay Measurement Tool And Method			7428779	09/30/2008
International Truck Intellectual Property Company, LLC	Lift Gate Power, Control System			7429804	09/30/2008
International Truck Intellectual Property Company, LLC	Vehicle Energy Management System			7458417	12/02/2008
International Truck Intellectual Property Company, LLC	System For Signaling Potential Unintended Application Of Park Air Brake In A Vehicle Having A Lift Platform			7497524	03/03/2009
International Truck Intellectual Property Company, LLC	Automated Synchronized Service Intervals For Vehicles			7535347	05/19/2009
International Truck Intellectual Property Company, LLC	Self-Centering Clamp Block			7553102	06/30/2009
International Truck Intellectual Property Company, LLC	Low Load Floor Motor Vehicle			7568546	08/04/2009
International Truck Intellectual Property Company, LLC	Pneumatic Vehicle Stabilization System			7611154	11/03/2009

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Automated No-Idle Heating And Engine Pre-Heat Using Engine Coolant			7614368	11/10/2009
International Truck Intellectual Property Company, LLC	Longitudinal Stringer Exhaust Flex Pipe Assembly			7614475	11/10/2009
International Truck Intellectual Property Company, LLC	Exhaust Temperature Reduction Device For Aftertreatment Devices			7628012	12/08/2009
International Truck Intellectual Property Company, LLC	Control Strategy for DC Emergency Direct Current Motor For An Emergency Hydraulic Pump			7641018	01/05/2010
International Truck Intellectual Property Company, LLC	Frame Extender			7651133	01/26/2010
International Truck Intellectual Property Company, LLC	System And Method For Driver-Initiated Regeneration Of A Diesel Particulate Filter While A Motor Vehicle Is Parked			7685815	03/30/2010
International Truck Intellectual Property Company, LLC	Diesel Particulate Filter In-Chassis Cleaning Method And Apparatus			7716922	05/18/2010
International Truck Intellectual Property Company, LLC	Intake Heater For HVAC Fresh Air Intake			7717497	05/18/2010
International Truck Intellectual Property Company, LLC	(Combined w/D5574)				
International Truck Intellectual Property Company, LLC	Finite State Machine Vehicle Headlight Controller			7719197	05/18/2010
International Truck Intellectual Property Company, LLC	Transit Bus Intake Air Management Box			7771500	08/10/2010
International Truck Intellectual Property Company, LLC	Brake System Development Tool Having A Mechanism For Setting Different Pedal Ratios			7788991	09/07/2010
International Truck Intellectual Property Company, LLC	Transmission Mount Assembly			7789189	09/07/2010



Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	A Child Restraint Lower Anchorage For A Motor Vehicle Seat (per JPC on 11/14/07 - we may want to let this one go abandoned in favor of D6039A)			7789462	09/07/2010
International Truck Intellectual Property Company, LLC	Diesel Engine Exhaust After-Treatment Operator Interface Algorithm			7793492	09/14/2010
International Truck Intellectual Property Company, LLC	No-Idle Heating Of A Motor Vehicle Interior And Engine Pre-Heat Using Engine Coolant			7793856	09/14/2010
International Truck Intellectual Property Company, LLC	Programmable CAN Bus To Analogue Signal Converter			7821439	10/26/2010
International Truck Intellectual Property Company, LLC	Rotating Disk Actuation System For Vehicle Door Latches			7823933	11/02/2010
International Truck Intellectual Property Company, LLC	Quick Disconnect Hitch			7918475	04/05/2011
International Truck Intellectual Property Company, LLC	Electrical Harness Clipping Bar For Aftertreatment Device			7926604	04/19/2011
International Truck Intellectual Property Company, LLC	A Cooling Apparatus For Exhaust Gas Temperature Control Devices			7987666	08/02/2011
International Truck Intellectual Property Company, LLC	AIR INTAKE PLENUM FOR AIR INDUCTION CHANNEL			8011465	09/06/2011
International Truck Intellectual Property Company, LLC	Preparing A Pass-Through For An Occupant Compartment - Engine Compartment Ground Block			8038821	10/18/2011
International Truck Intellectual Property Company, LLC	Motor Vehicle With System For Conditioning Power Take-Off Enablement On An Engine Compartment Being Closed			8056661	11/15/2011

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	SERVICE BRAKE CONTROL SYSTEM FOR OPTIMIZED REGENERATIVE BRAKING OF MEDIUM OR HEAVY TRUCKS			8060287	11/15/2011
International Truck Intellectual Property Company, LLC	Vehicle Energy Management System			8096107	01/17/2012
International Truck Intellectual Property Company, LLC	Pneumatic Door Assist System with Lock			8096603	01/17/2012
International Truck Intellectual Property Company, LLC	Hybrid Electric Vehicle Traction Motor Driven Power Take-Off Control System			8103395	01/24/2012
International Truck Intellectual Property Company, LLC	ENGINE STARTING CONTROL FOR HYBRID ELECTRIC POWERTRAINS			8219273	07/10/2012
International Truck Intellectual Property Company, LLC	Diesel Engine Exhaust After-Treatment Operator Interface Algorithm			8261539	09/11/2012
International Truck Intellectual Property Company, LLC	PLATFORM ASSEMBLY			8297453	10/30/2012
International Truck Intellectual Property Company, LLC	VEHICLE ARMOR			8413567	04/09/2013
International Truck Intellectual Property Company, LLC	CHASSIS FRAME OF A VEHICLE			8424913	04/23/2013
International Truck Intellectual Property Company, LLC	CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWERTRAIN - was 6917			8489254	07/16/2013
International Truck Intellectual Property Company, LLC	TEMPERATURE CONTROL DEVICE			8534056	09/17/2013

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	TAPER DOOR CONNECTOR STRATEGY			8550535	10/08/2013
International Truck Intellectual Property Company, LLC	VEHICLE SUSPENSION SYSTEM			8573620	11/05/2013
International Truck Intellectual Property Company, LLC	HYBRID VEHICLE PRIME MOVERS COMMUNICATION CONTROL STRATEGY			8606453	12/10/2013
International Truck Intellectual Property Company, LLC	RUB RAIL ASSEMBLY			8622445	01/07/2014
International Truck Intellectual Property Company, LLC	TORQUE LIMITING ENGINE ROTATION TOOL			8631726	01/21/2014
International Truck Intellectual Property Company, LLC	ROLL CENTER HEIGHT VARIATOR			8696002	04/15/2014
International Truck Intellectual Property Company, LLC	HYDRAULIC BRAKE CALIPER PISTON INSERTION FORCE GAUGE TOOL			8726716	05/20/2014
International Truck Intellectual Property Company, LLC	BLAST PROTECTION ATTACHMENT			8770086	07/08/2014
International Truck Intellectual Property Company, LLC	TAMPER RESISTANT BATTERY COMPARTMENT			8770643	07/08/2014
International Truck Intellectual Property Company, LLC	SEAT BELT ATTACHMENT CLAMP AND METHOD			8807657	08/19/2014
International Truck Intellectual Property Company, LLC	TOOL AND METHOD FOR DRAINING AND REFILLING A COOLING SYSTEM			8813792	08/26/2014
International Truck Intellectual Property Company, LLC	HIGH VOLTAGE INTERLOCK CIRCUIT UTILIZING SERIAL COMMUNICATIONS			8824113	09/02/2014

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	SPRING LATCH AND METHOD FOR ATTACHING A SEAT CUSHION TO A SEAT FRAME			8832939	09/16/2014
International Truck Intellectual Property Company, LLC	CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWERTRAIN AND AN ELECTRONICALLY CONTROLLED COMBINATION VALVE			8838314	09/16/2014
International Truck Intellectual Property Company, LLC	PIVOTABLE AND MAGNETIC WRENCH			8839698	09/23/2014
International Truck Intellectual Property Company, LLC	TRANSFER CASE SKID SHIELD			8839901	09/23/2014
International Truck Intellectual Property Company, LLC	REGENERATIVE BRAKE SYSTEM RESET FEATURE AND ADAPTIVE CALIBRATION FOR HYBRID AND ELECTRIC VEHICLES			8862356	10/14/2014
International Truck Intellectual Property Company, LLC	Load transfer device			8888166	11/18/2014
International Truck Intellectual Property Company, LLC	ANGULAR VELOCITY CONTROL FOR HYBRID VEHICLE PRIME MOVERS			8935028	01/13/2015
International Truck Intellectual Property Company, LLC	CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE... f/k/a D6659... WITH A HYBRID-ELECTRIC POWERTRAIN			8972084	03/03/2015
International Truck Intellectual Property Company, LLC	SUSPENDED FLOOR DEVICE			8973482	03/10/2015
International Truck Intellectual Property Company, LLC	Operator Interface for Vehicles			8977418	03/10/2015

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	BUS SEATING SYSTEM			9010863	04/21/2015
International Truck Intellectual Property Company, LLC	FAN ASSEMBLY AND GAP TOOL			9011094	04/21/2015
International Truck Intellectual Property Company, LLC	VEHICLE FLOOR			9038523	05/26/2015
International Truck Intellectual Property Company, LLC	HANGER ASSEMBLY			9061584	06/23/2015
International Truck Intellectual Property Company, LLC	HYDRAULIC POWERED PARK BRAKE SYSTEM			9067576	06/30/2015
International Truck Intellectual Property Company, LLC	HYBRID VEHICLE PROPEL-CHARGE BIAS CONTROL METHOD			9067591	06/30/2015
International Truck Intellectual Property Company, LLC	SUPERVISORY CONTROL SYSTEM FOR HYBRID-ELECTRIC POWERTRAINS			9102313	08/11/2015
International Truck Intellectual Property Company, LLC	HYBRID ELECTRIC VEHICLE POWER MANAGEMENT SYSTEM			9114723	08/25/2015
International Truck Intellectual Property Company, LLC	Seat Mounting Structure In Vehicle Floor Frame			9114730	08/25/2015
International Truck Intellectual Property Company, LLC	CONTROL SYSTEM FOR PTO EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC DRIVETRAIN			9139193	09/22/2015
International Truck Intellectual Property Company, LLC	VEHICLE WITH MOVEMENT SENSOR			9165450	10/20/2015
International Truck Intellectual Property Company, LLC	CAB-MOUNTED EXHAUST PIPE DE-COUPLER			9216645	12/22/2015
International Truck Intellectual Property Company, LLC	Cab Suspension			9216778	12/22/2015

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	BLOCKING DEVICE FOR SPRING BRAKE			9227616	01/05/2016
International Truck Intellectual Property Company, LLC	CLIMATE CONTROL SYSTEM FOR THE INTERIOR OF AN ELECTRIC DRIVE VEHICLE (combined w/ D6731)			9233592	01/12/2016
International Truck Intellectual Property Company, LLC	SKIRT ACCESS			9233722	01/12/2016
International Truck Intellectual Property Company, LLC	BATTERY POWER MANAGEMENT SYSTEM			9240686	01/19/2016
International Truck Intellectual Property Company, LLC	CARGO BED HAVING SELF-ALIGNING SIDE WALL PANELS			9321492	04/26/2016
International Truck Intellectual Property Company, LLC	DETERMINING TURNING RADIUS OF COUPLED VEHICLES			9389613	07/12/2016
International Truck Intellectual Property Company, LLC	MOUNTING CLIP FOR VEHICLE BODY TO FRAME			9434424	09/06/2016
International Truck Intellectual Property Company, LLC	POWER TAKE OFF SPEED INTERLOCK			9487074	11/08/2016
International Truck Intellectual Property Company, LLC	VEHICLE FLOOR			9562750	02/07/2017
International Truck Intellectual Property Company, LLC	IGNITION LOCK MECHANISM			9604596	03/28/2017
International Truck Intellectual Property Company, LLC	ENGINE SHUT-OFF AND RE-START STRATEGY			9624893	04/18/2017
International Truck Intellectual Property Company, LLC	DRIVER'S SEAT MOUNTING ASSEMBLY			9630526	04/25/2017
International Truck Intellectual Property Company, LLC	ISOLATION CONTACTOR STATE CONTROL SYSTEM			9649939	05/16/2017

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	ACTIVE CONTROL OF TRAILER PITCH			9694644	07/04/2017
International Truck Intellectual Property Company, LLC	ADAPTIVE AUTOMATIC TRANSMISSION CONTROL SYSTEM			9725095	08/18/2017
International Truck Intellectual Property Company, LLC	VEHICLE ELECTRICAL SYSTEM STATE CONTROLLER			9789764	10/17/2017
International Truck Intellectual Property Company, LLC	Hood Of A Bus Vehicle			D537761	03/06/2007
International Truck Intellectual Property Company, LLC	Front Bumper Valance Of A Truck Vehicle			D540224	04/10/2007
International Truck Intellectual Property Company, LLC	Hood Top And Fender Assembly Of A Truck Vehicle			D556654	12/04/2007
International Truck Intellectual Property Company, LLC	Rear Roll Pan Of A Truck Vehicle			D556661	12/04/2007
International Truck Intellectual Property Company, LLC	Grille Of A Truck Vehicle			D592561	05/19/2009
International Truck Intellectual Property Company, LLC	Fender Extension Of A Truck Vehicle			D615472	05/11/2010
International Truck Intellectual Property Company, LLC	Truck Vehicle			D634244	03/15/2011
International Truck Intellectual Property Company, LLC	Bumper Of A Truck Vehicle			D634246	03/15/2011
International Truck Intellectual Property Company, LLC	Grill Of A Truck Vehicle			D637530	05/10/2011
International Truck Intellectual Property Company, LLC	Headlight Bezel of a Truck Vehicle			D640826	06/28/2011

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Fender Extension of a Truck Vehicle			D641298	07/12/2011
International Truck Intellectual Property Company, LLC	Cab Body of a Step Van			D642961	08/09/2011
International Truck Intellectual Property Company, LLC	Fender Flare of a Truck Vehicle (WorkStar 113 SFA Eyebrow)			D644581	09/06/2011
International Truck Intellectual Property Company, LLC	Fender Flare of a Truck Vehicle (WorkStar 113 SBA Eyebrow)			D644972	09/13/2011
International Truck Intellectual Property Company, LLC	Truck Vehicle			D645380	09/20/2011
International Truck Intellectual Property Company, LLC	Grille of a Truck Vehicle			D645797	09/27/2011
International Truck Intellectual Property Company, LLC	Bumper of a Truck Vehicle			D645799	09/27/2011
International Truck Intellectual Property Company, LLC	Hood of a Truck Vehicle			D645801	09/27/2011
International Truck Intellectual Property Company, LLC	Skirt Of A Truck Vehicle			D652774	01/24/2012
International Truck Intellectual Property Company, LLC	Fog Light of a Truck Vehicle			D693950	11/19/2013
International Truck Intellectual Property Company, LLC	Fender of a Truck Vehicle (LoadStar)			D695171	12/10/2013
International Truck Intellectual Property Company, LLC	Sideview Mirror Assembly of a Truck Vehicle			D696170	12/24/2013
International Truck Intellectual Property Company, LLC	Headlight of a Truck Vehicle			D696443	12/24/2013



Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC	Grille of a Truck Vehicle (LoadStar)			D698288	01/28/2014
International Truck Intellectual Property Company, LLC	Door of a Truck Vehicle			D702170	04/08/2014
International Truck Intellectual Property Company, LLC	VEHICLE EXTERIOR			D703101	04/22/2014
International Truck Intellectual Property Company, LLC	Truck Vehicle (LoadStar)			D703105	04/22/2014
International Truck Intellectual Property Company, LLC	Grille of a Truck Vehicle			D708992	07/15/2014
International Truck Intellectual Property Company, LLC	Bumper of a Truck Vehicle			D708996	07/15/2014
International Truck Intellectual Property Company, LLC	Hood of a Truck Vehicle			D709002	07/15/2014
International Truck Intellectual Property Company, LLC	Side Skirt System of a Truck Vehicle			D714199	09/30/2014
International Truck Intellectual Property Company, LLC	Rear License Plate Finish Panel of a Truck Vehicle			D714200	09/30/2014
International Truck Intellectual Property Company, LLC	Truck Vehicle			D719879	12/23/2014
International Truck Intellectual Property Company, LLC	Step Tread Formation			D719886	12/23/2014
International Truck Intellectual Property Company, LLC	Sunshade of a Truck Vehicle			D721310	01/20/2015
International Truck Intellectual Property Company, LLC	Molded Mud Flaps			D728436	05/05/2015

Owner	Title	Serial Number	Application Date	Patent Number	Issue Date
International Truck Intellectual Property Company, LLC/ CyberMetric	Telemetry System and Method for EMI Susceptibility Testing of Motor Vehicles			6426813	07/30/2002
International Truck Intellectual Property Company, LLC/Carnegie Mellon Univ.	Utility Shoulder Belt			D558448	01/01/2008
International Truck Intellectual Property Company, LLC/Carnegie Mellon Univ.	Shoe			D603587	11/10/2009

SCHEDULE II  
U.S. Trademarks and Trademark Applications

Owner	Mark Name	Application Number	Application Date	Registration Number	Registration Date
IC Bus, LLC	WINGED IC DESIGN			08/10/2004	2872554
IC Bus, LLC	IC AND DESIGN			02/15/2005	2926823
IC Bus, LLC	IC AND DESIGN (3D SHIELD)			02/22/2005	2927671
IC Bus, LLC	IC AND DESIGN (3D SHIELD)			05/17/2005	2953894
IC Bus, LLC	IC AND DESIGN			05/17/2005	2953958
IC Bus, LLC	Winged IC			05/17/2005	2953961
IC Bus, LLC	IC (Stylized Letters)			06/07/2005	2960703
IC Bus, LLC	IC and Design			09/16/2014	4605681
IC Bus, LLC	IC BUS (words)			02/21/2017	5144847
International Engine Intellectual Property Company, LLC	MAXXFORCE			03/03/2009	3584626
International Engine Intellectual Property Company, LLC	MAXXFORCE & Logo			04/27/2010	3780846
International Engine Intellectual Property Company, LLC	PURE POWER (words)			09/02/2014	4597389
International Engine Intellectual Property Company, LLC	PURE POWER Stylized (Black and White)			03/17/2015	4703938
International Engine Intellectual Property Company, LLC	SERVICEMAXX			10/27/2015	4839511
International Truck and Engine Corporation	Eagle (Script)			11/04/1986	1415752
International Truck and Engine Corporation	EAGLE			11/18/1986	1417384
International Truck and Engine Corporation	TOPS			10/03/1989	1559197
International Truck and Engine Corporation	INTERNATIONAL			08/29/2000	2381360
International Truck Intellectual Property Company, LLC	HX	867/87928	10/14/2015		
International Truck Intellectual Property Company, LLC	FASTREK	87/154139	08/29/2016		

Owner	Mark Name	Application Number	Application Date	Registration Number	Registration Date
International Truck Intellectual Property Company, LLC	RH INTERNATIONAL	87/436793	05/04/2017		
International Truck Intellectual Property Company, LLC	A26 Logo (Design Mark)	87/605411	09/12/2017		
International Truck Intellectual Property Company, LLC	MV INTERNATIONAL	87/608009	09/14/2017		
International Truck Intellectual Property Company, LLC	ACCELERATOR	87/616123	09/20/2017		
International Truck Intellectual Property Company, LLC	LT	87059747	06/03/2016		
International Truck Intellectual Property Company, LLC	LT International	87172325	09/15/2016		
International Truck Intellectual Property Company, LLC	INTERNATIONAL			06/08/1971	0914621
International Truck Intellectual Property Company, LLC	SCOUT			03/28/1972	0931296
International Truck Intellectual Property Company, LLC	PAYSTAR			11/20/1973	0973268
International Truck Intellectual Property Company, LLC	FLEETRITE			05/19/1981	1154875
International Truck Intellectual Property Company, LLC	Diamond Road International Vertical			01/13/1987	1424761
International Truck Intellectual Property Company, LLC	Diamond Road International Logo with Word			12/08/1987	1468213
International Truck Intellectual Property Company, LLC	FLEETRITE and Design			12/04/1990	1626374
International Truck Intellectual Property Company, LLC	NAVIGATOR			01/26/1993	1749362
International Truck Intellectual Property Company, LLC	INTERNATIONAL ADVANTAGE			07/27/1993	1784399
International Truck Intellectual Property Company, LLC	FLEET CHARGE			10/24/1995	1930009
International Truck Intellectual Property Company, LLC	SKY-RISE			12/02/1997	2118359
International Truck Intellectual Property Company, LLC	International Diamond Logo (2D)			11/27/2001	2511869

Owner	Mark Name	Application Number	Application Date	Registration Number	Registration Date
International Truck Intellectual Property Company, LLC	GREEN DIESEL TECHNOLOGY			04/09/2002	2560528
International Truck Intellectual Property Company, LLC	DIAMOND ADVANTAGE			05/21/2002	2571452
International Truck Intellectual Property Company, LLC	International Diamond Logo (3D)			08/06/2002	2603473
International Truck Intellectual Property Company, LLC	MASTERDIAGNOSTICS			10/22/2002	2639553
International Truck Intellectual Property Company, LLC	ISIS			10/29/2002	2641603
International Truck Intellectual Property Company, LLC	EZ-TECH			10/29/2002	2642880
International Truck Intellectual Property Company, LLC	INTERNATIONAL DIAMOND CLUB			11/26/2002	2654426
International Truck Intellectual Property Company, LLC	PERFORMANCE PM			12/24/2002	2666519
International Truck Intellectual Property Company, LLC	INTERNATIONAL			03/18/2003	2697930
International Truck Intellectual Property Company, LLC	FLEET ISIS			03/25/2003	2700511
International Truck Intellectual Property Company, LLC	International Diamond Logo (2D)			05/20/2003	2717741
International Truck Intellectual Property Company, LLC	International Diamond Logo (2D)			06/10/2003	2724681
International Truck Intellectual Property Company, LLC	ISIS			06/24/2003	2729636
International Truck Intellectual Property Company, LLC	EBS			07/29/2003	2742076
International Truck Intellectual Property Company, LLC	Tradedress of a Grill			09/02/2003	2758838
International Truck Intellectual Property Company, LLC	International Diamond Logo (3D)			09/02/2003	2759245
International Truck Intellectual Property Company, LLC	PERFORMANCE A/C			10/28/2003	2778054
International Truck Intellectual Property Company, LLC	International Diamond Logo (3D)			12/09/2003	2791287

Owner	Mark Name	Application Number	Application Date	Registration Number	Registration Date
International Truck Intellectual Property Company, LLC	DIAMOND LOGIC (Builder)			02/10/2004	2814132
International Truck Intellectual Property Company, LLC	SCOUT			02/17/2004	2814919
International Truck Intellectual Property Company, LLC	Tradedress of a Hood			05/25/2004	2844916
International Truck Intellectual Property Company, LLC	International Diamond Logo (2D)			08/17/2004	2874866
International Truck Intellectual Property Company, LLC	3D Diamond Logo w/o International			11/02/2004	2899458
International Truck Intellectual Property Company, LLC	UPTIME PARTS			03/08/2005	2931180
International Truck Intellectual Property Company, LLC	PAYSTAR			03/15/2005	2933099
International Truck Intellectual Property Company, LLC	DIAMOND LOGIC			04/19/2005	2941566
International Truck Intellectual Property Company, LLC	DIAMOND LOGIC (Brakes)			05/17/2005	2953338
International Truck Intellectual Property Company, LLC	CXT			01/10/2006	3041788
International Truck Intellectual Property Company, LLC	INTERNATIONAL			02/07/2006	3057843
International Truck Intellectual Property Company, LLC	DIA			02/13/2007	3209249
International Truck Intellectual Property Company, LLC	LONESTAR			04/24/2007	3235176
International Truck Intellectual Property Company, LLC	WORKSTAR			11/27/2007	3345801
International Truck Intellectual Property Company, LLC	TRANSTAR			04/15/2008	3413474
International Truck Intellectual Property Company, LLC	CITYSTAR			05/13/2008	3428252
International Truck Intellectual Property Company, LLC	PROSTAR			06/10/2008	3446636
International Truck Intellectual Property Company, LLC	DIA and Logo			06/24/2008	3455667

Owner	Mark Name	Application Number	Application Date	Registration Number	Registration Date
International Truck Intellectual Property Company, LLC	MAXXPRO			11/18/2008	3534823
International Truck Intellectual Property Company, LLC	DURASTAR			12/23/2008	3551902
International Truck Intellectual Property Company, LLC	SERVICEPARTNER (Stylized)			02/17/2009	3577003
International Truck Intellectual Property Company, LLC	RENEWED			06/23/2009	3642404
International Truck Intellectual Property Company, LLC	PARTSMART (LOGO) RIGHT ON THE MONEY			07/14/2009	3654578
International Truck Intellectual Property Company, LLC	PARTSMART (word)			07/14/2009	3654585
International Truck Intellectual Property Company, LLC	JET STREAM			05/03/2011	3953364
International Truck Intellectual Property Company, LLC	TerraStar			05/10/2011	3959079
International Truck Intellectual Property Company, LLC	SCOUT			09/27/2011	4032357
International Truck Intellectual Property Company, LLC	LOADSTAR			07/17/2012	4175988
International Truck Intellectual Property Company, LLC	DXM			11/13/2012	4242352
International Truck Intellectual Property Company, LLC	SARATOGA			01/08/2013	4273096
International Truck Intellectual Property Company, LLC	PUREPAC LOG SUPPORT			07/02/2013	4361966
International Truck Intellectual Property Company, LLC	MAXXPOWER			07/16/2013	4368748
International Truck Intellectual Property Company, LLC	INTERNATIONAL TRAIL			06/02/2015	4746495
International Truck Intellectual Property Company, LLC	DIAMOND RENEWED			07/07/2015	4765629
International Truck Intellectual Property Company, LLC	FLEET CHARGE			08/18/2015	4797004
International Truck Intellectual Property Company, LLC	DIAMOND EDGE			10/04/2016	5053053

Owner	Mark Name	Application Number	Application Date	Registration Number	Registration Date
International Truck Intellectual Property Company, LLC	HX INTERNATIONAL			02/21/2017	5144787
International Truck Intellectual Property Company, LLC	FLEET LIFE Logo			02/28/2017	5151511
International Truck Intellectual Property Company, LLC	RITE PARTS, RIGHT NOW			06/13/2017	5221313
International Truck Intellectual Property Company, LLC	FLEETRITE			07/10/1973	963608
NAVISTAR INTERNATIONAL CORPORATION	NAVISTAR			01/12/1988	1472594
NAVISTAR INTERNATIONAL CORPORATION	NAVISTAR			08/02/1988	1498530
NAVISTAR INTERNATIONAL CORPORATION	NAVISTAR & Design			07/07/2009	3651780
NAVISTAR INTERNATIONAL CORPORATION	NAVISTAR			11/05/2013	4427688
NAVISTAR INTERNATIONAL TRANSPORTATION CORP.	Fleet Charge and Design			09/12/1989	1556029
NAVISTAR INTERNATIONAL TRANSPORTATION CORP.	QUICK CHECK			08/18/1992	1709587

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RECORDED: 11/10/2017