

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4683360

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JPMORGAN CHASE BANK, N.A., AS COLLATERAL AGENT	11/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC
<b>Street Address:</b>	2701 NAVISTAR DRIVE
<b>City:</b>	LISLE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60532
<b>Name:</b>	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC
<b>Street Address:</b>	2701 NAVISTAR DRIVE
<b>City:</b>	LISLE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60532
<b>Name:</b>	NAVISTAR, INC.
<b>Street Address:</b>	2701 NAVISTAR DRIVE
<b>City:</b>	LISLE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60532
<b>Name:</b>	NAVISTAR INTERNATIONAL CORPORATION
<b>Street Address:</b>	2701 NAVISTAR DRIVE
<b>City:</b>	LISLE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60532
<b>PROPERTY NUMBERS Total: 909</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7802420
<b>Patent Number:</b>	7849678
<b>Patent Number:</b>	8161949
<b>Patent Number:</b>	5241929
<b>Patent Number:</b>	5245970

PATENT

Property Type	Number
Patent Number:	5365436
Patent Number:	5366246
Patent Number:	5380042
Patent Number:	5405260
Patent Number:	5433267
Patent Number:	5440880
Patent Number:	5454359
Patent Number:	5485820
Patent Number:	5511972
Patent Number:	5512250
Patent Number:	5530421
Patent Number:	5533487
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Patent Number:	5713318
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Patent Number:	6098668
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Patent Number:	6120082
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Property Type	Number
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Patent Number:	6968828
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Patent Number:	7458417
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Property Type	Number
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Property Type	Number
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Property Type	Number
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Application Number:	61535537
Application Number:	61539766
Application Number:	61540073
Application Number:	61557077
Application Number:	61558542
Application Number:	61567197
Application Number:	61593023
Application Number:	61593031
Application Number:	61593045
Application Number:	61593053
Application Number:	61593059
Application Number:	61594698
Application Number:	61601725
Application Number:	61610666
Application Number:	61611995
Application Number:	61636097
Application Number:	61637881
Application Number:	61637909
Application Number:	61649773
Application Number:	61653766
Application Number:	61661579
Application Number:	61666086

Property Type	Number
Application Number:	61669602
Patent Number:	D400836
Patent Number:	D403285
Patent Number:	D403620
Patent Number:	D403637
Patent Number:	D409965
Patent Number:	D411816
Patent Number:	D413095
Patent Number:	D426800
Patent Number:	D444737
Patent Number:	D445073
Patent Number:	D445361
Patent Number:	D445384
Patent Number:	D447099
Patent Number:	D455381
Patent Number:	D458197
Patent Number:	D458565
Patent Number:	D458875
Patent Number:	D462305
Patent Number:	D466450
Patent Number:	D467534
Patent Number:	D511962
Patent Number:	D514995
Patent Number:	D518426
Patent Number:	D521912
Patent Number:	D522427
Patent Number:	D525933
Patent Number:	D537761
Patent Number:	D540224
Patent Number:	D556467
Patent Number:	D556649
Patent Number:	D556654
Patent Number:	D556661
Patent Number:	D557183
Patent Number:	D557186
Patent Number:	D558448
Patent Number:	D564427
Patent Number:	D566009



Property Type	Number
Patent Number:	D566015
Patent Number:	D571029
Patent Number:	D579843
Patent Number:	D585812
Patent Number:	D592324
Patent Number:	D592561
Patent Number:	D603587
Patent Number:	D615472
Patent Number:	D622371
Patent Number:	D634244
Patent Number:	D634246
Patent Number:	D637530
Patent Number:	D640826
Patent Number:	D641298
Patent Number:	D642961
Patent Number:	D644581
Patent Number:	D644972
Patent Number:	D645380
Patent Number:	D645797
Patent Number:	D645799
Patent Number:	D645801
Patent Number:	D647012
Patent Number:	D652774
Patent Number:	D653186
Patent Number:	D654837
Patent Number:	D656075
Patent Number:	D661011
Patent Number:	D661012
Patent Number:	8006661
Patent Number:	8010276

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**Address Line 2:** COGENCY GLOBAL INC.

**PATENT**

**REEL: 044416 FRAME: 0891**

**Address Line 4:** WASHINGTON, D.C. 20005

**NAME OF SUBMITTER:** JUSTIN HUNTE

**SIGNATURE:** /Justin Hunte/

**DATE SIGNED:** 11/10/2017

**Total Attachments: 32**

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RELEASE OF SECURITY INTEREST IN PATENTS  
AND TRADEMARKS, dated as of November 6, 2017 (this  
“*Release*”), by JPMORGAN CHASE BANK, N.A.

(“*JPMorgan*”), as Collateral Agent. Capitalized terms used herein and not otherwise defined shall have the meanings assigned to such terms in the Credit Agreement or the Collateral Agreement, as applicable, referred to below.

A. Reference is made to (i) the Credit Agreement dated as of August 17, 2012 (as amended and restated as of August 7, 2015, and as it may be further amended, restated, supplemented or otherwise modified from time to time, the “*Credit Agreement*”), among Navistar, Inc., a Delaware corporation (the “*Borrower*”), Navistar International Corporation, a Delaware corporation (“*Parent*”), the Lenders from time to time party thereto and JPMorgan, as Administrative Agent and Collateral Agent, (ii) the Guarantee and Collateral Agreement dated as of August 17, 2012 (as amended, restated, supplemented or otherwise modified from time to time, the “*Collateral Agreement*”), among Parent, the Borrower, the Subsidiaries from time to time party thereto and JPMorgan, as Collateral Agent and (iii) the Patent and Trademark Security Agreement dated as August 17, 2012 (as amended, restated, supplemented or otherwise modified from time to time, the “*Patent and Trademark Security Agreement*”), among Parent, the Borrower, the Subsidiaries from time to time party thereto and JPMorgan, as Collateral Agent (the documents set forth in clauses (ii) and (iii), the “*Security Agreements*”).

B. Pursuant to the Security Agreements, the Grantors granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in all right, title and interest of the Grantors in, among other things, (i) the patents set forth on Schedule I hereto (the “*Patent Collateral*”), which security interests were recorded with the United States Patent & Trademark Office on September 12, 2012 at Reel/Frame 028944/0730 and (ii) the trademarks set forth on Schedule II hereto (the “*Trademark Collateral*”), which security interests were recorded with the United States Patent & Trademark Office on September 12, 2012 at Reel/Frame 4859/0294.

C. Pursuant to the Payoff Letter dated as of November 6, 2017, among the Borrower and JPMorgan, as Administrative Agent and Collateral Agent, JPMorgan agreed to release any and all security interests it may have in the Patent Collateral and Trademark Collateral pursuant to the Security Agreements.

Accordingly, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, JPMorgan, as Collateral Agent, on behalf of the Secured Parties, does hereby state as follows:

SECTION 1. Terms. Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Patent and Trademark Security Agreement, the Credit Agreement, or the Collateral Agreement.

SECTION 2. Release. JPMorgan, as Collateral Agent, on behalf of itself, the Secured Parties and their permitted successors and assigns, does hereby terminate, release, relinquish and discharge its and their security interest granted under the Security Agreements in the Patent Collateral and the Trademark Collateral and any right, title or interest granted under the Security Agreements it has in the Patent Collateral and the Trademark Collateral shall hereby cease and become void. This Release is made without representation or warranty by, or recourse to, JPMorgan, as Collateral Agent, or any other Secured Party.


SECTION 3. Further Assurances. JPMorgan hereby agrees to duly execute, acknowledge, procure and deliver any further documents and to do such other acts as may be reasonably necessary to effect and record the release of the security interest contemplated hereby, solely at the Borrower's cost.

THIS RELEASE SHALL BE CONSTRUED IN ACCORDANCE WITH  
AND GOVERNED BY THE LAWS OF THE STATE OF NEW YORK.

*[Remainder of this page intentionally left blank]*

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

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

By   
Name: **Sandeep S. Farihar**  
Title: **Vice President**

[Signature Page -- Release of Security Interest in Patents and Trademarks]

[[3680657]]

**PATENT**  
**REEL: 044416 FRAME: 0895**

SCHEDULE I

Patents

U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Engine Intellectual Property Company, LLC	Filed	11/058615	2/14/2005			SYSTEMS AND METHODS FOR REDUCING EMISSIONS OF INTERNAL COMBUSTION ENGINES USING A FUEL PROCESSOR BYP
International Engine Intellectual Property Company, LLC	Filed	11/634794	12/12/2006			OPTIMIZED RHODIUM USAGE IN LNT SCR SYSTEM <sup>in</sup>
International Engine Intellectual Property Company, LLC	Filed	11/637345	1/16/2007			AIR VALVE AND METHOD OF USE
International Engine Intellectual Property Company, LLC	Filed	11/681551	3/2/2007			Physical based LNT regeneration strategy
International Engine Intellectual Property Company, LLC	Filed	11/880950	7/25/2007			Cam Action Sleeve Pulley
International Engine Intellectual Property Company, LLC	Filed	11/873468	10/17/2007			PRE-COMBUSTION AND LARGE CHANNEL COMBUSTOR SYSTEM FOR OPERATION OF A FUEL REFORMER AT LOW EXHAUST TEM
International Engine Intellectual Property Company, LLC	Filed	11/983909	11/13/2007			TRANSMISSION SHIFT SIGNAL FOR AFTER TREATMENT DEVICE CONTROL
International Engine Intellectual Property Company, LLC	Filed	12/001690	12/12/2007			NOZZLE TRUMPET
International Engine Intellectual Property Company, LLC	Filed	12/341519	12/22/2008			PREPARATION METHOD FOR A PARTIAL COATED MONOLITH
International Engine Intellectual Property Company, LLC	Filed	12/369780	2/12/2009			System and Method For Improved Emission Control of Internal Combustion Engines Using Pulsed Fuel Flo
International Engine Intellectual Property Company, LLC	Filed	12/419032	4/6/2009			ELJECTRO-HYDRAULIC POPPET VALVE WITH SUPPLY PRESSURE UNLOADING FUNCTION <sup>in</sup>
International Engine Intellectual Property Company, LLC	Filed	12/428004	4/22/2009			Preventing Soot Underestimation in Diesel Particulate Filters by Determining the Restriction Sensit
International Engine Intellectual Property Company, LLC	Filed	12/481781	6/10/2009			SYSTEM AND METHOD FOR INDICATING APPARENT VEHICLE SERVICE BRAKE APPLICATION WITHOUT APPARENT OPERATI
International Engine Intellectual Property Company, LLC	Filed	12/497201	7/2/2009			METHOD OF MONITORING HYDROCARBON LEVELS IN A DIESEL PARTICULATE FILTER
International Engine Intellectual Property Company, LLC	Filed	12/510611	7/28/2009			Exhaust Gas Cooler
International Engine Intellectual Property Company, LLC	Filed	12/533410	7/31/2009			STRATEGY FOR ENABLING INTAKE AIR HEATER TO CLEAN UP WHITE SMOKE DURING WARMENGINE RE-START IN COLD
International Engine Intellectual Property Company, LLC	Filed	12/534964	8/4/2009			SYSTEM USING SUPPLEMENTAL COMPRESSOR FOR EGR
International Engine Intellectual Property Company, LLC	Filed	12/534977	8/4/2009			ENGINE CRANKCASE FIRING DECK HAVING ANTI-DISTORTION PROJECTIONS <sup>in</sup>
International Engine Intellectual Property Company, LLC	Filed	12/534943	8/4/2009			THROTTLE LOSS RECOVERY AND SUPERCHARGING SYSTEM FOR INTERNAL COMBUSTION ENGINES
International Engine Intellectual Property Company, LLC	Filed	12/536549	8/6/2009			EXHAUST SYSTEM FOR ENGINE BRAKING
International Engine Intellectual Property Company, LLC	Filed	12/537588	8/7/2009			HYBRID INTAKE SYSTEM FOR SUPER ATMOSPHERIC CHARGING OF AN ENGINE INTAKE MANIFOLD USING LOW PRESSURE EG
International Engine Intellectual Property Company, LLC	Filed	12/539938	8/12/2009			ENGINE EXHAUST SYSTEM HAVING FILTER BEFORE TURBOCHARGER
International Engine Intellectual Property Company, LLC	Filed	12/540096	8/12/2009			SUPERCHARGED BOOST-ASSIST ENGINE BRAKE
International Engine Intellectual Property Company, LLC	Filed	12/540416	8/14/2009			Method For Urea Injection Control
International Engine Intellectual Property Company, LLC	Filed	12/541416	8/14/2009			Heating Systems to Prevent Freezing of Condensation in Breather Tubes
International Engine Intellectual Property Company, LLC	Filed	12/541467	8/14/2009			EMG Temp Signal Model Based On EGRC Out Temp For EGR System Anti-Flooding Protection
International Engine Intellectual Property Company, LLC	Filed	12/546975	8/25/2009			Post injection bunketing strategy to avoid hardware cavitation.
International Engine Intellectual Property Company, LLC	Filed	12/546733	8/25/2009			Method and Apparatus for De-Sulfurization on a Diesel Oxidation Catalyst
International Engine Intellectual Property Company, LLC	Filed	12/546717	8/25/2009			Breather Air - Oil Separator
International Engine Intellectual Property Company, LLC	Filed	12/546823	8/25/2009			EXPANSION TANK FOR VEHICLE COOLING SYSTEM
International Engine Intellectual Property Company, LLC	Filed	12/552808	9/2/2009			Gravily-Activated Valve For Use In Supplying An Uninterrupted Supply Of Fluid
International Engine Intellectual Property Company, LLC	Filed	12/554117	9/4/2009			LEAK DETECTION SYSTEM
International Engine Intellectual Property Company, LLC	Filed	12/567154	10/6/2009			SYSTEM AND METHOD FOR CONDENSATE REMOVAL FROM EGR SYSTEM <sup>in</sup>
International Engine Intellectual Property Company, LLC	Filed	12/573918	10/6/2009			FLUX Dual Stage EGR Cooling
International Engine Intellectual Property Company, LLC	Filed	12/575222	10/12/2009			SCR MIXER <sup>in</sup>
International Engine Intellectual Property Company, LLC	Filed	12/577742	10/13/2009			TELEMETRY-BASED REGENERATION STRATEGY FOR AN ENGINE EXHAUST AFTER-TREATMENT DEVICE
International Engine Intellectual Property Company, LLC	Filed	12/579643	10/15/2009			Fuel injector assembly
International Engine Intellectual Property Company, LLC	Filed	12/605936	10/26/2009			THREE-WAY THROTTLE VALVE
International Engine Intellectual Property Company, LLC	Filed	12/610499	11/2/2009			FORCED CONVECTION FOR COOLING SYSTEM
International Engine Intellectual Property Company, LLC	Filed	12/610841	11/2/2009			HIGH-TEMPERATURE-FLOW ENGINE BRAKE WITH VALVE ACTUATION
International Engine Intellectual Property Company, LLC	Filed	12/611155	11/3/2009			METHOD OF STATIONARY REGENERATION OF AN ENGINE EXHAUST PARTICULATE FILTER
International Engine Intellectual Property Company, LLC	Filed	12/611214	11/3/2009			REDUCTANT SPRAY INJECTOR BOSS
International Engine Intellectual Property Company, LLC	Filed	12/612384	11/4/2009			EMISSION CONTROL SYSTEM FOR AN ENGINE HAVING A TWO-STAGE TURBOCHARGER <sup>in</sup>
International Engine Intellectual Property Company, LLC	Filed	12/614534	11/9/2009			EXHAUST GAS RECIRCULATION VALVE WITH BYPASS CAPABILITY AND METHOD

PATENT

U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Engine Intellectual Property Company, LLC	Filed	12/617454	11/12/2009			FUEL INJECTOR ASSEMBLY
International Engine Intellectual Property Company, LLC	Filed	12/624104	11/23/2009			UREA SCR DIESEL AFTER TREATMENT SYSTEM
International Engine Intellectual Property Company, LLC	Filed	12/623974	11/23/2009			LOW PRESSURE TURBINE WASTE GATE FOR DIESEL ENGINE HAVING TWO STAGE TURBOCHARGER
International Engine Intellectual Property Company, LLC	Filed	12/623721	11/23/2009			CRANKCASE BLOW-BY GAS TREATMENT ASSEMBLY AND METHOD OF TREATING BLOW-BY GAS
International Engine Intellectual Property Company, LLC	Filed	12/623838	11/23/2009			SOLENOID CONTROL FOR VALVE ACTUATION IN ENGINE BRAKE
International Engine Intellectual Property Company, LLC	Filed	12/629591	12/22/2009			ENGINE EXHAUST SYSTEM HAVING A PLURALITY OF DIESEL PARTICULATE FILTERS
International Engine Intellectual Property Company, LLC	Filed	12/651068	12/4/2009			EGR COOLER CLEANING SYSTEM AND METHOD
International Engine Intellectual Property Company, LLC	Filed	12/652581	12/7/2009			CONTROL SYSTEM AND METHOD FOR LIMITING ENGINE TORQUE BASED ON ENGINE OIL PRESSURE AND ENGINE OIL TEM
International Engine Intellectual Property Company, LLC	Filed	12/643374	12/21/2009			ELECTRICALLY HEATED DIESEL OXIDATION CATALYST
International Engine Intellectual Property Company, LLC	Filed	12/692381	1/22/2010			ALIGNMENT CLAMP
International Engine Intellectual Property Company, LLC	Filed	12/696685	1/29/2010			Adaptive Desulfation Control Algorithm
International Engine Intellectual Property Company, LLC	Filed	12/696685	1/29/2010			ADAPTIVE DESULFATION STRATEGY WITH REFORMER TEMPERATURE MANAGEMENT
International Engine Intellectual Property Company, LLC	Filed	12/697797	2/1/2010			ENGINE WITH REMOTE OIL FILL ASSEMBLY
International Engine Intellectual Property Company, LLC	Filed	12/702021	2/8/2010			Compressed Air Intake Engine Inlet Booster
International Engine Intellectual Property Company, LLC	Filed	12/705346	2/10/2010			SYSTEM FOR DISABLING DIESEL PARTICULATE FILTER REGENERATION DURING ELECTRIC OPERATION
International Engine Intellectual Property Company, LLC	Filed	12/711479	2/24/2010			METHOD FOR AUTOMATICALLY DETERMINING ENGINE OIL CHANGE FREQUENCY BASED ON FUEL INJECTED
International Engine Intellectual Property Company, LLC	Filed	12/712282	2/25/2010			EXHAUST VALVE ACTUATION SYSTEM FOR DIESEL PARTICULATE FILTER REGENERATION
International Engine Intellectual Property Company, LLC	Filed	12/715154	3/1/2010			CONNECTOR POSITION ASSURANCE LOCK
International Engine Intellectual Property Company, LLC	Filed	12/723244	3/12/2010			METHOD AND APPARATUS FOR GASEOUS MIXING IN A DIESEL EXHAUST SYSTEM
International Engine Intellectual Property Company, LLC	Filed	12/729727	4/14/2010			METHOD FOR DIESEL PARTICULATE FILTER REGENERATION IN A VEHICLE EQUIPPED WITH A HYBRID ENGINE BACK GRO
International Engine Intellectual Property Company, LLC	Filed	61/325421	4/19/2010			INJECTOR FLUID RETURN WITH SWIRL ASSIST
International Engine Intellectual Property Company, LLC	Filed	12/788379	5/27/2010			METHOD FOR OPERATING AN EXHAUST VALVE FOR DIESEL PARTICULATE FILTER REGENERATION
International Engine Intellectual Property Company, LLC	Filed	12/788397	5/27/2010			QUICK CONNECT VALVE WITH INTEGRAL BACKFLOW VALVE
International Engine Intellectual Property Company, LLC	Filed	12/818699	6/18/2010			DIRECT SIDE POUR RISER SLEEVE
International Engine Intellectual Property Company, LLC	Filed	12/828400	7/1/2010			FUEL INJECTOR CLAMP
International Engine Intellectual Property Company, LLC	Filed	12/828346	7/1/2010			METHOD FOR INJECTING AMMONIA INTO AN EXHAUST GAS STREAM
International Engine Intellectual Property Company, LLC	Filed	12/836202	7/14/2010			METHOD FOR HEATING SOLID AMMONIA TO RELEASE GASEOUS AMMONIA IN EXHAUST AFTER TREATMENT SYSTEM
International Engine Intellectual Property Company, LLC	Filed	12/914017	10/28/2010			BOUNDARY EDGE FILTER OF A UNIT FUEL INJECTOR
International Engine Intellectual Property Company, LLC	Filed	12/915318	10/29/2010			Diesel fuel injector clip and ferrule ring removing tool
International Engine Intellectual Property Company, LLC	Filed	12/933325	11/23/2010			Adaptive Control Strategy
International Engine Intellectual Property Company, LLC	Filed	12/933325	11/23/2010			ADAPTIVE CONTROL STRATEGY
International Engine Intellectual Property Company, LLC	Filed	12/958735	12/2/2010			DOSING CONTROL MANIFOLD ASSEMBLY
International Engine Intellectual Property Company, LLC	Filed	12/966609	12/13/2010			Strategy For Control Of Rectriculated Exhaust Gas To Null Turbocharger Boost Error
International Engine Intellectual Property Company, LLC	Filed	12/975958	12/22/2010			System And Method For Inhibiting Regeneration Of A Diesel Particulate Filter
International Engine Intellectual Property Company, LLC	Filed	12/985640	1/6/2011			TURBINE INLET FLOW MODULATOR
International Engine Intellectual Property Company, LLC	Filed	13/011594	1/21/2011			HIGH PRESSURE FUEL PUMP PISTON ASSEMBLY
International Engine Intellectual Property Company, LLC	Filed	13/010980	1/21/2011			ELECTRIC-ACTUATED CONTROL VALVE OF A UNIT FUEL INJECTOR
International Engine Intellectual Property Company, LLC	Filed	13/014472	1/26/2011			DEVICE AND METHOD FOR STORAGE TANK RESTRAINT ON A VEHICLE
International Engine Intellectual Property Company, LLC	Filed	13/017175	1/31/2011			DISASSEMBLY STATION
International Engine Intellectual Property Company, LLC	Filed	13/018461	2/1/2011			CONE NOT INSIDE DIAMETER CLEANING
International Engine Intellectual Property Company, LLC	Filed	13/035960	2/26/2011			Soot Resistant Diesel Fuel Reformer For Diesel Engine Emissions Aftertreatment
International Engine Intellectual Property Company, LLC	Filed	13/038909	3/2/2011			ENGINE EXHAUST GAS PARTICULATE FILTER HAVING HELICALLY CONFIGURED CELLS
International Engine Intellectual Property Company, LLC	Filed	13/041514	3/7/2011			PROCESS AND SYSTEM FOR DISASSEMBLING FUEL INJECTOR
International Engine Intellectual Property Company, LLC	Filed	13/044298	3/9/2011			RAIL CONNECTION RESTORATION AND METHOD FOR CLEANING FUEL INJECTOR WITHOUT DISASSEMBLY - combined WIT
International Engine Intellectual Property Company, LLC	Filed	61/466548	3/23/2011			Inductively Hardened End Caps
International Engine Intellectual Property Company, LLC	Filed	13/087705	4/5/2011			FUEL INJECTOR CLOSURE ASSIST
International Engine Intellectual Property Company, LLC	Filed	13/087758	4/5/2011			REDUCED VOLUME SWIRL CHAMBER FOR A PRESSURE SWIRL ATOMIZER
International Engine Intellectual Property Company, LLC	Filed	13/087840	4/5/2011			PRESSURE SWIRL ATOMIZER WITH SWIRL-ASSISTING CONFIGURATION
International Engine Intellectual Property Company, LLC	Filed	13/153631	6/6/2011			Internal Combustion Engine Having Compressor With First And Second Tributary Inlets
International Engine Intellectual Property Company, LLC	Filed	61/521419	8/9/2011			Nitrous Oxide Abatement from Selective Catalytic Reduction Systems
International Engine Intellectual Property Company, LLC	Filed	13/210981	8/16/2011			DUAL MODE FUEL INJECTOR

PATENT

U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Engine Intellectual Property Company, LLC	Filed	61/530502	9/2/2011			LOW EDDY CURRENT INTENSIFIER CONTROL VALVE
International Engine Intellectual Property Company, LLC	Filed	61/531368	9/6/2011			COLD START STARTUP UNIT FOR UREA-BASED SYSTEMS
International Engine Intellectual Property Company, LLC	Filed	61/532134	9/8/2011			FUEL INJECTOR SOLENOID AND TERMINAL ASSEMBLY
International Engine Intellectual Property Company, LLC	Filed	61/535436	9/16/2011			SELECTIVE USE OF LEAN NOX TRAP
International Engine Intellectual Property Company, LLC	Filed	61/539766	9/28/2011			Fuel injection timing and pattern modification for limiting particulate emission of a diesel engine
International Engine Intellectual Property Company, LLC	Filed	61/540073	9/28/2011			Implementation of Three-Way Catalyst for NOx Reductions
International Engine Intellectual Property Company, LLC	Filed	61/557077	11/8/2011			Invention to enhance the NOx reduction over a three way catalyst by the use of hydro carbons in the
International Engine Intellectual Property Company, LLC	Filed	61/558342	11/11/2011			Invention to improve NOx reduction across the overall aftertreatment system by introducing three way
International Engine Intellectual Property Company, LLC	Filed	61/567197	12/6/2011			Two way pressure balanced valve to control needle motion within a fuel injector
International Engine Intellectual Property Company, LLC	Filed	29/411112	1/17/2012			MIXING PLATE
International Engine Intellectual Property Company, LLC	Filed	61/593023	1/31/2012			Use of Soot Accumulation Model for Setpoint Modification
International Engine Intellectual Property Company, LLC	Filed	61/593031	1/31/2012			NOx Control Using Intake Manifold Oxygen Concentration
International Engine Intellectual Property Company, LLC	Filed	61/593045	1/31/2012			Setpoint Bank Control Architecture
International Engine Intellectual Property Company, LLC	Filed	61/593053	1/31/2012			Control of Turbocharger Using Exhaust Manifold Oxygen Concentration
International Engine Intellectual Property Company, LLC	Filed	61/594098	2/3/2012			Coordinated Fuel and Intake Manifold Oxygen Concentration Setpoint Modification Via Charge Utilizati
International Engine Intellectual Property Company, LLC	Filed	13/66492	2/6/2012			Hydrogen Rich EGR System for Natural Gas Spark Ignited Engines
International Engine Intellectual Property Company, LLC	Filed	61/601725	2/22/2012			INSULATED MAIN NH3 CARTRIDGE SYSTEM WITH SEPARATE START-UP UNIT
International Engine Intellectual Property Company, LLC	Filed	13/46346	3/14/2012			CATALYTIC FUEL VAPORIZER AND FUEL REFORMER ASSEMBLY
International Engine Intellectual Property Company, LLC	Filed	61/610666	3/14/2012			IN FLOW AIR INJECTION HOUSING
International Engine Intellectual Property Company, LLC	Filed	61/611995	3/16/2012			FUEL INJECTOR NOZZLE
International Engine Intellectual Property Company, LLC	Filed	13/497050	3/19/2012			FUEL INJECTOR NEEDLE SLAVE
International Engine Intellectual Property Company, LLC	Filed	13/497049	3/19/2012			NOZZLE AND NEEDLE OF A HIGH-PRESSURE UNIT FUEL INJECTOR
International Engine Intellectual Property Company, LLC	Filed	13/498138	3/24/2012			HIGH-PRESSURE UNIT FUEL INJECTOR
International Engine Intellectual Property Company, LLC	Filed	61/637881	4/25/2012			ENGINE BRAKE CAMSHAFT LOBE LUBRICATION METHOD
International Engine Intellectual Property Company, LLC	Filed	61/637909	4/25/2012			Methods to control the amount of power developed during engine braking
International Engine Intellectual Property Company, LLC	Filed	61/649773	5/21/2012			SI-NG-OPOC
International Engine Intellectual Property Company, LLC	Filed	61/653766	5/31/2012			Low Pressure Turbo Compressor By-pass During a Transient Event
International Engine Intellectual Property Company, LLC	Filed	61/661579	6/19/2012			TURBOCHARGER CASTING
International Engine Intellectual Property Company, LLC	Filed	29/425629	6/25/2012			EGR Valve Outlet Duct
International Engine Intellectual Property Company, LLC	Filed	13/543160	7/6/2012			Ammonia Canister Design Patent
International Engine Intellectual Property Company, LLC	Filed	61/666086	6/29/2012			Method for Reducing Doser Fouling through the Application of a Catalytic Coating on the Doser Gasket
International Engine Intellectual Property Company, LLC	Filed	13/543160	7/9/2012			STATUS INDICATOR FOR AMMONIA CARTRIDGE - Combined with D7134
International Engine Intellectual Property Company, LLC	Filed	61/669602	7/9/2012			SYSTEM AND METHOD OF CONTROLLING COMBUSTION IN AN ENGINE
International Engine Intellectual Property Company, LLC	Granted	08/264657	6/23/1994	5533487	7/9/1996	DYNAMIC ENHANCEMENT OF EGR FLOW IN AN INTERNAL COMBUSTION ENGINE
International Engine Intellectual Property Company, LLC	Granted	08/300292	12/1/1994	5483820	1/23/1996	Injection Control Pressure Strategy
International Engine Intellectual Property Company, LLC	Granted	08/347627	12/1/1994	5454359	10/3/1995	Continuous High Pressure Rail Derivation Injection System
International Engine Intellectual Property Company, LLC	Granted	08/371561	1/11/1995	5511972	4/30/1996	CATALYST STRUCTURE FOR USE IN A PARTIAL COMBUSTION PROCESS
International Engine Intellectual Property Company, LLC	Granted	08/462639	6/5/1995	6116014	9/12/2000	SUPPORT STRUCTURES FOR A CATALYST
International Engine Intellectual Property Company, LLC	Granted	08/622078	3/26/1996	5601060	2/11/1997	Cast Oil Pan For Internal Combustion Engine
International Engine Intellectual Property Company, LLC	Granted	08/656400	5/31/1996	5595468	1/5/1999	Method and Apparatus for Setting Foundry Core Assemblies
International Engine Intellectual Property Company, LLC	Granted	08/735480	10/23/1996	5794476	8/18/1998	Self-Aligning Flexible Gear Support For Auxiliary Gear Box
International Engine Intellectual Property Company, LLC	Granted	08/740582	10/31/1996	5713318	2/3/1998	Universal Attachment Extension Tube With Rotational Locking Device
International Engine Intellectual Property Company, LLC	Granted	08/962587	10/31/1997	5852000	8/20/2000	Electronic Engine Control for Regulating Engine Coolant Temperature at Cold Ambient Air Temperatures
International Engine Intellectual Property Company, LLC	Granted	09/000418	1/6/1998	6098668	8/8/2000	Integral Tube/Val Stopper For Engine Fuel Line Tube
International Engine Intellectual Property Company, LLC	Granted	09/071129	4/30/1998	5997259	12/7/1999	Electronic Engine / Air Compressor System
International Engine Intellectual Property Company, LLC	Granted	09/109456	7/21/1998	6167978	1/2/2001	Integration of an Engine Lubrication System with an Engine Fuel System
International Engine Intellectual Property Company, LLC	Granted	09/122021	7/24/1998	6178748	1/30/2001	Altitude Compensating Wastegate Control System for a Turbocharger
International Engine Intellectual Property Company, LLC	Granted	09/124279	7/29/1998	5924107	7/20/1999	Commanded Rail-Pressure-Biased, Variable Injector Boost Current Duration
International Engine Intellectual Property Company, LLC	Granted	09/134876	8/14/1998	6052896	4/25/2000	Method of Installing an Oil Pan Heater on an Oil Pan Mounted on an Engine Block/Int.licensed To Park T
International Engine Intellectual Property Company, LLC	Granted	09/152497	9/9/1998	6044815	4/4/2000	Hydraulically-Assisted Engine Valve Actuator
International Engine Intellectual Property Company, LLC	Granted	09/164610	10/1/1998	6098575	8/8/2000	Coolant Filter with Coolant Additive Sensor
International Engine Intellectual Property Company, LLC	Granted	09/352423	7/31/1999	6248041	6/9/2001	Engine Control System Linked to Vehicle Controls
International Engine Intellectual Property Company, LLC	Granted	09/360878	7/23/1999	6174219	1/16/2001	Method for Matching the Spool Valve/Int.ands in a Fuel Injector

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Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Engine Intellectual Property Company, LLC	Granted	09/392373	9/7/1999	6189511	2/20/2001	Clip-On Deflector for a Fuel Injector
International Engine Intellectual Property Company, LLC	Granted	09/391172	9/7/1999	6098597	8/8/2000	Hydraulic System with a Combination Filter Screen and Gasket
International Engine Intellectual Property Company, LLC	Granted	09/392170	9/16/1999	6252193	7/10/2001	An Engine with a Direct Passage from the Oil Reservoir to the Oil Pump
International Engine Intellectual Property Company, LLC	Granted	09/457633	12/8/1999	6378167	4/30/2002	Method of Installing an Oil Pan Heater on an Oil Pan Mounted on an Engine Block and Licensed To Park T
International Engine Intellectual Property Company, LLC	Granted	09/457908	12/8/1999	6378167	1/15/2002	Hydraulically-Assisted Engine Valve Actuator
International Engine Intellectual Property Company, LLC	Granted	09/510772	2/23/2000	6247446	6/19/2001	Electronic Engine Control for Regulating Engine Coolant Temperature at Cold Ambient Air Temperatures
International Engine Intellectual Property Company, LLC	Granted	09/517144	3/2/2000	6265842	7/24/2001	Hydraulically-Assisted Engine Valve Actuator
International Engine Intellectual Property Company, LLC	Granted	09/553002	4/19/2000	6286483	9/1/2001	Fuel Injector with Actuation Pressure Delay Device
International Engine Intellectual Property Company, LLC	Granted	09/570896	5/13/2000	6474304	11/5/2002	Double-Acting Two-Stage Hydraulic Control Device
International Engine Intellectual Property Company, LLC	Granted	09/586280	6/2/2000	6231720	5/1/2001	Diesel Engine Speed Control to Prevent Under-run
International Engine Intellectual Property Company, LLC	Granted	09/608176	6/30/2000	6644381	11/1/2003	Casting Method and Apparatus
International Engine Intellectual Property Company, LLC	Granted	09/626515	7/27/2000	6463991	10/15/2002	Iron Alloy Casting Method and Apparatus
International Engine Intellectual Property Company, LLC	Granted	09/639477	8/15/2000	6431965	8/13/2002	Blasting Apparatus w/ a Dual Structure Deflector
International Engine Intellectual Property Company, LLC	Granted	09/639604	8/15/2000	6423370	7/30/2002	Diesel Engine Load Governing Using Engine Speed Setpoint
International Engine Intellectual Property Company, LLC	Granted	09/653051	9/1/2000	6374805	4/23/2002	Actuating Fluid Delivery System for a Fuel Injector
International Engine Intellectual Property Company, LLC	Granted	09/653469	9/1/2000	6378487	4/30/2002	Method and Apparatus for Pre-Pilot Fuel Injection in Diesel Internal Combustion Engines
International Engine Intellectual Property Company, LLC	Granted	09/680547	10/4/2000	6521566	2/18/2003	MIXED OXIDE SOLID SOLUTIONS
International Engine Intellectual Property Company, LLC	Granted	09/690557	10/16/2000	6460512	10/8/2002	Combustion Gasket Having Dual Material Structures
International Engine Intellectual Property Company, LLC	Granted	09/694174	10/23/2000	6374806	4/23/2002	Actuating Fluid Delivery System for a Fuel Injector
International Engine Intellectual Property Company, LLC	Granted	09/697785	10/26/2000	6398692	6/4/2002	Engine Torque Control Strategy
International Engine Intellectual Property Company, LLC	Granted	09/734332	12/8/2000	6401700	6/11/2002	Closed Loop Diesel Engine EGR Control Including Event Monitoring
International Engine Intellectual Property Company, LLC	Granted	09/748792	12/22/2000	6435239	8/20/2002	Core Assembly Method for Cylinder Head Castings
International Engine Intellectual Property Company, LLC	Granted	09/766384	1/19/2001	6418719	7/16/2002	Control of A Variable Geometry Turbocharger by Sensing Exhaust Pressure
International Engine Intellectual Property Company, LLC	Granted	09/765776	1/19/2001	6718935	4/13/2004	Hydraulic Fuel System
International Engine Intellectual Property Company, LLC	Granted	09/767557	1/22/2001	6394059	5/28/2002	Front Module Housing
International Engine Intellectual Property Company, LLC	Granted	09/768764	1/23/2001	6581495	6/24/2003	Balancer Shaft
International Engine Intellectual Property Company, LLC	Granted	09/768720	1/24/2001	6484683	11/26/2002	Rocker Carrier
International Engine Intellectual Property Company, LLC	Granted	09/769610	1/25/2001	6484682	11/26/2002	Intake Manifold Module
International Engine Intellectual Property Company, LLC	Granted	09/775759	2/5/2001	6427445	8/6/2002	Variable Nozzle Turbine Control Strategy
International Engine Intellectual Property Company, LLC	Granted	09/821390	3/29/2001	6520684	2/18/2003	Bearing Retention System
International Engine Intellectual Property Company, LLC	Granted	09/821477	3/29/2001	6618665	9/9/2003	Cold Start Pulse Width Compensation
International Engine Intellectual Property Company, LLC	Granted	09/822691	3/30/2001	6431152	8/13/2002	Injector Hold Down Clamp
International Engine Intellectual Property Company, LLC	Granted	09/828169	4/9/2001	6631853	10/14/2003	Oil activated fuel injector control valve
International Engine Intellectual Property Company, LLC	Granted	09/848516	5/3/2001	6533909	4/1/2003	A Retractable Valve and Method for Selective Gas Flow Control in a Combustion Chamber
International Engine Intellectual Property Company, LLC	Granted	09/851044	5/8/2001	6450410	9/17/2002	Cartridge Thermostat System
International Engine Intellectual Property Company, LLC	Granted	09/892918	7/6/2001	6715694	4/6/2004	Control valve body for an oil activated fuel injector
International Engine Intellectual Property Company, LLC	Granted	09/906487	7/16/2001	6434938	8/20/2002	Control Strategy For Turbocharged Engine Having Variable Valve Actuation Apparatus
International Engine Intellectual Property Company, LLC	Granted	09/906513	7/16/2001	6609485	8/26/2003	Piston Pin Bushing Cooler
International Engine Intellectual Property Company, LLC	Granted	09/911266	7/23/2001	6513476	2/4/2003	Engine Torque Calculation
International Engine Intellectual Property Company, LLC	Granted	09/933407	8/20/2001	6513476	2/4/2003	Piston Having Combustion Chamber Defined in the Crown
International Engine Intellectual Property Company, LLC	Granted	10/039387	10/29/2001	6561164	5/13/2003	System and Method for Calibrating Fuel Injectors an Engine Control System That Calculates Injection
International Engine Intellectual Property Company, LLC	Granted	10/003980	10/31/2001	6723147	4/20/2004	Valve Actuation Linkage Mechanism
International Engine Intellectual Property Company, LLC	Granted	10/002937	11/15/2001	6868831	3/22/2005	System And Method for Predicting Quantity Of Injected Fuel And Adaptation To Engine Control System
International Engine Intellectual Property Company, LLC	Granted	10/027071	12/30/2001	6973924	4/13/2005	Fuel Injector With Controlled High Pressure Fuel Passage
International Engine Intellectual Property Company, LLC	Granted	10/043630	1/8/2002	6698412	3/2/2004	Method For Manufacturing of Gray Cast Iron For Crankcases and Cylinder Heads
International Engine Intellectual Property Company, LLC	Granted	10/041867	1/10/2002	6763790	7/20/2004	CATALYST PLACEMENT IN COMBUSTION CYLINDER FOR REDUCTION OF NOX AND PARTICULATE SOOT
International Engine Intellectual Property Company, LLC	Granted	10/057545	1/30/2002	6778943	12/27/2005	Poppet Valve Actuator
International Engine Intellectual Property Company, LLC	Granted	10/060597	1/30/2002	6778943	12/27/2005	Governor Plate Apparatus
International Engine Intellectual Property Company, LLC	Granted	10/068190	2/5/2002	6761039	7/13/2004	Diagnostic Tool For Electric-Operated Fuel Injectors And Their Drivers
International Engine Intellectual Property Company, LLC	Granted	10/072490	2/5/2002	6843926	1/25/2005	Fuel Injector With Dual Control Valve
International Engine Intellectual Property Company, LLC	Granted	10/087029	3/1/2002	6705282	3/16/2004	Method And Apparatus To Provide Engine Compression Braking

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Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Engine Intellectual Property Company, LLC	Granted	10/087282	3/1/2002	6727742	8/10/2004	Method And Apparatus For Flexibly Regulating Internal Combustion Engine Valve Flow
International Engine Intellectual Property Company, LLC	Granted	10/105482	3/25/2002	6745958	6/8/2004	Dual Control Valve (split from D5253)
International Engine Intellectual Property Company, LLC	Granted	10/115319	4/2/2002	6681743	1/27/2004	Pressure Control Valve With Flow Recovery
International Engine Intellectual Property Company, LLC	Granted	10/115193	4/2/2002	6651601	1/25/2003	Control Strategy For Improving Cold Cranking, Starting And Warm-Up Of An Engine Having A Variable In-V
International Engine Intellectual Property Company, LLC	Granted	10/116196	4/4/2002	6508212	1/21/2003	Cartridge Thermostat System
International Engine Intellectual Property Company, LLC	Granted	10/119253	4/9/2002	6712043	3/30/2004	Actuating Fluid Control System
International Engine Intellectual Property Company, LLC	Granted	10/161757	6/4/2002	6826905	12/7/2004	Control Strategy For Regenerating A Particulate Filter In An Exhaust System Of An Engine Having A Va
International Engine Intellectual Property Company, LLC	Granted	10/173483	6/17/2002	6786186	9/7/2004	Unit Trigger Actuator
International Engine Intellectual Property Company, LLC	Granted	10/177202	6/21/2002	6742504	6/1/2004	Pressure Wave Attenuator For A Rail
International Engine Intellectual Property Company, LLC	Granted	10/177195	6/21/2002	6905002	6/14/2005	Acoustic Wave Attenuator For A Rail
International Engine Intellectual Property Company, LLC	Granted	10/185787	6/28/2002	6554050	4/29/2003	Iron Alloy Casting Method and Apparatus
International Engine Intellectual Property Company, LLC	Granted	10/195451	7/16/2002	6590162	7/8/2003	Wire guide
International Engine Intellectual Property Company, LLC	Granted	10/200711	7/22/2002	6727121	4/20/2004	Control Strategy For Regenerating A NOx Adsorber Catalyst In An Exhaust System Of An Engine Having A
International Engine Intellectual Property Company, LLC	Granted	10/210518	8/1/2002	6865806	3/5/2005	Core Element Fastening And Assembly Method
International Engine Intellectual Property Company, LLC	Granted	10/217729	8/13/2002	6829890	12/14/2004	Forced Regeneration Of A Diesel Particulate Filter
International Engine Intellectual Property Company, LLC	Granted	10/217634	8/13/2002	7201147	4/10/2007	Control Strategies For A Variable Displacement Oil Pump
International Engine Intellectual Property Company, LLC	Granted	10/232599	9/3/2002	6647723	11/18/2003	Control Strategy For Countering Incipient Turbocharger Surging Using A Variable Valve Actuation In
International Engine Intellectual Property Company, LLC	Granted	10/222853	8/20/2002	6658845	12/9/2003	Control Strategy Using Variable Valve Actuation To Reduce Particulate Emission And Improve Driveabi
International Engine Intellectual Property Company, LLC	Granted	10/255532	9/26/2002	7044100	5/16/2006	Solenoid end cap assembly with flat surface
International Engine Intellectual Property Company, LLC	Granted	10/260758	9/30/2002	6752590	6/22/2004	Enhanced Needle Motion Controller
International Engine Intellectual Property Company, LLC	Granted	10/265799	9/12/2002	6705273	3/16/2004	Water Pump and Impeller Therefor
International Engine Intellectual Property Company, LLC	Granted	10/265799	10/7/2002	6657781	10/28/2003	Combustion Chamber
International Engine Intellectual Property Company, LLC	Granted	10/271235	10/15/2002	6857418	2/22/2005	Coupling
International Engine Intellectual Property Company, LLC	Granted	10/271236	10/15/2002	6857418	2/22/2005	Fuel Injection Timing Compensation Based On Engine Load
International Engine Intellectual Property Company, LLC	Granted	10/2720862	10/15/2002	7153588	12/26/2006	Intercooler Bypass
International Engine Intellectual Property Company, LLC	Granted	10/2720862	10/15/2002	7597029	10/6/2009	Damper Assembly With Reinforcing Plate
International Engine Intellectual Property Company, LLC	Granted	10/272004	10/21/2002	7283738	10/30/2007	Divided Exhaust Manifold System And Method
International Engine Intellectual Property Company, LLC	Granted	10/290286	11/8/2002	6981662	1/3/2006	Coupling device assembly
International Engine Intellectual Property Company, LLC	Granted	10/292827	11/12/2002	6772487	8/10/2004	Retainer Clip
International Engine Intellectual Property Company, LLC	Granted	10/301022	11/21/2002	6827066	12/7/2004	Method And Arrangement For Delivering Fuel To An Engine
International Engine Intellectual Property Company, LLC	Granted	10/309936	12/3/2002	6877749	4/1/2005	Seal For Use With A Movable Rod
International Engine Intellectual Property Company, LLC	Granted	10/309936	12/3/2002	7165393	1/23/2007	SYSTEM AND METHODS FOR IMPROVED EMISSION CONTROL OF INTERNAL COMBUSTION ENGINES
International Engine Intellectual Property Company, LLC	Granted	10/314671	12/9/2002	6698409	3/2/2004	Engine Speed-Based Modification Of Exhaust Gas Recirculation During Fueling Transients
International Engine Intellectual Property Company, LLC	Granted	10/315720	12/10/2002	6868892	3/22/2005	Ceramic Fiber Core for Casting
International Engine Intellectual Property Company, LLC	Granted	10/338500	1/7/2003	6973723	12/13/2005	Piston Formed By Powder Metallurgical Methods
International Engine Intellectual Property Company, LLC	Granted	10/338500	1/7/2003	6681740	1/27/2004	Injection Control Pressure Strategy During Activation Of An Engine Retarder
International Engine Intellectual Property Company, LLC	Granted	10/338399	1/8/2003	6807938	10/26/2004	Post-Retard Fuel Limiting Strategy For An Engine
International Engine Intellectual Property Company, LLC	Granted	10/351852	1/27/2003	676146	8/17/2004	Obstruction Of Flow To Improve Flow Mix
International Engine Intellectual Property Company, LLC	Granted	10/557966	2/4/2003	6845754	1/25/2005	Fuel Injection Device Having Independently Controlled Fuel Compression And Fuel Injection Processes
International Engine Intellectual Property Company, LLC	Granted	10/568724	2/19/2003	6845758	1/25/2005	Fuel Injector Retainer Assembly
International Engine Intellectual Property Company, LLC	Granted	10/569399	2/19/2003	6743752	6/8/2004	Fuel Injector Clamp With Retaining Ring
International Engine Intellectual Property Company, LLC	Granted	10/568725	2/19/2003	6947189	3/25/2008	Fuel Injector Clamp With Retaining Sleeve
International Engine Intellectual Property Company, LLC	Granted	10/576840	2/27/2003	6942221	9/13/2005	Seal Having Gaps
International Engine Intellectual Property Company, LLC	Granted	10/584964	3/10/2003	6842676	1/11/2005	Method For Updating An Electronic Service Tool
International Engine Intellectual Property Company, LLC	Granted	10/585046	3/10/2003	6954678	11/25/2003	Torque-Based Low Idle Governor
International Engine Intellectual Property Company, LLC	Granted	10/587732	3/13/2003	6955165	10/18/2005	Three-Reentrancy Combustion Chamber
International Engine Intellectual Property Company, LLC	Granted	10/589820	3/17/2003	7047953	5/23/2006	Method And Apparatus For Determining A Valve Operator Position
International Engine Intellectual Property Company, LLC	Granted	10/589845	3/17/2003	7347302	3/25/2008	Method And Apparatus For Inserting An Adaptor In A Housing
International Engine Intellectual Property Company, LLC	Granted	10/404482	4/1/2003	6978747	12/27/2005	Hydraulic Actuator Cartridge For A Valve (in combination w/D55239)
International Engine Intellectual Property Company, LLC	Granted	10/410963	4/10/2003	6954972	10/18/2005	Installation Tool
International Engine Intellectual Property Company, LLC	Granted	10/431171	5/6/2003	7082753	8/1/2006	SYSTEM AND METHODS FOR IMPROVED EMISSION CONTROL OF INTERNAL COMBUSTION ENGINES USING PULSE FUEL FLOW
International Engine Intellectual Property Company, LLC	Granted	10/453268	6/3/2003	6871659	3/29/2005	WIRE GUIDANCE THIS FILE WAS ORIGINALLY D5155)

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Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Engine Intellectual Property Company, LLC	Granted	10/463179	6/16/2003	6948585	9/27/2005	Acoustic Wave Attenuator For A Rail
International Engine Intellectual Property Company, LLC	Granted	10/463157	6/16/2003	6745377	6/8/2004	Engine- And Vehicle- Speed-Based Cooling Fan Control
International Engine Intellectual Property Company, LLC	Granted	10/620097	7/13/2003	6941653	9/13/2005	Method Of And Apparatus For Forming A Refractory Lining In A Coreless Furnace
International Engine Intellectual Property Company, LLC	Granted	10/641379	8/24/2003	7197918	4/3/2007	Apparatus And Method For Evaluating Fuel Injectors
International Engine Intellectual Property Company, LLC	Granted	10/650177	8/26/2003	7131271	11/7/2006	Clean, Low-Pressure EGR In A Turbocharged Engine By Back-Pressure Control
International Engine Intellectual Property Company, LLC	Granted	10/653343	9/2/2003	6923239	8/2/2005	Casting Method and Apparatus
International Engine Intellectual Property Company, LLC	Granted	10/653363	9/2/2003	6972302	12/6/2005	Casting Sand Cores And Expansion Control Methods Therefor
International Engine Intellectual Property Company, LLC	Granted	10/668854	9/23/2003	6729506	8/24/2004	Engine Brake Control Pressure Strategy
International Engine Intellectual Property Company, LLC	Granted	10/675664	9/30/2003	6981480	1/3/2006	Reducing Pre-Cycle Warm-Up For Electronic Components
International Engine Intellectual Property Company, LLC	Granted	10/677455	10/7/2003	6913267	7/5/2005	Apparatus For Aligning Push Rods
International Engine Intellectual Property Company, LLC	Granted	10/679753	10/6/2003	6934619	8/23/2005	Engine Transient Detection And Control Strategy
International Engine Intellectual Property Company, LLC	Granted	10/682510	10/9/2003	6966279	11/22/2005	Piston Cooling System For An Internal Combustion Engine
International Engine Intellectual Property Company, LLC	Granted	10/691397	10/22/2003	6920909	7/26/2005	Core Assembly Apparatus And Process For Assembly of In-Line Six Cylinder Core Packages
International Engine Intellectual Property Company, LLC	Granted	10/692948	10/24/2003	6801846	10/5/2004	Exhaust Gas Control In An Engine Having A Two-Stage Turbocharger
International Engine Intellectual Property Company, LLC	Granted	10/692866	10/24/2003	6850832	2/1/2005	Map-Scheduled Gains For Closed-Loop Control Of Fuel Injection Pressure
International Engine Intellectual Property Company, LLC	Granted	10/697435	10/29/2003	6786198	9/7/2004	Cold Start Compensation For P-I-D Engine Governor
International Engine Intellectual Property Company, LLC	Granted	10/696831	10/30/2003	7168304	1/30/2007	Method And Apparatus For Indicating A Potential Fluid Filter Problem
International Engine Intellectual Property Company, LLC	Granted	10/703061	11/6/2003	6931837	8/23/2005	Control Strategy For Lean-Rich Transitions in an Internal Combustion Engine
International Engine Intellectual Property Company, LLC	Granted	10/703062	11/6/2003	6978604	12/27/2005	Soot Burn-Off Control Strategy For A Catalyzed Diesel Particulate Filter
International Engine Intellectual Property Company, LLC	Granted	10/702889	11/6/2003	7191591	3/20/2007	Attenuation of Engine Harshness During Lean-To-Rich Transitions
International Engine Intellectual Property Company, LLC	Granted	10/715722	11/17/2003	7181906	2/27/2007	DEVICES AND METHODS FOR REDUCTION OF NOX EMISSIONS FROM LEAN BURN ENGINES
International Engine Intellectual Property Company, LLC	Granted	10/718190	11/20/2003	7058502	6/6/2006	Torque Speed Control Authority For An Engine Having An All-Speed Governor
International Engine Intellectual Property Company, LLC	Granted	10/725619	2/10/2004	7130736	1/31/2006	Engine Speed Stabilizer Using Fuel Rate Control
International Engine Intellectual Property Company, LLC	Granted	10/775784	2/10/2004	6840221	1/1/2005	Runnerless Engine Intake Manifold Having Integral Fuel Delivery Groove Or Bore Gasket
International Engine Intellectual Property Company, LLC	Granted	10/777745	2/12/2004	7681890	3/23/2010	Method And Apparatus For Adjusting Fuel Injection Timing
International Engine Intellectual Property Company, LLC	Granted	10/787991	2/26/2004	7093579	8/22/2006	Increasing The Duration Of Peak Combustion Pressure In Cylinders Of A Diesel Engine Using Fuel Injec
International Engine Intellectual Property Company, LLC	Granted	10/802987	3/17/2004	6953504	8/30/2005	Flow Deflector For A Pipe
International Engine Intellectual Property Company, LLC	Granted	10/803322	3/18/2004	6959700	11/1/2005	Controlling An Engine Operating Parameter During Transients In A Control Data Input By Selection Of
International Engine Intellectual Property Company, LLC	Granted	10/809235	3/23/2004	6973382	12/6/2005	Control Strategy For HCCI+CD Combustion In A Diesel Engine Using Two Fuel Injection Phases
International Engine Intellectual Property Company, LLC	Granted	10/809254	3/23/2004	7021276	4/4/2006	Fuel Injector Testing System
International Engine Intellectual Property Company, LLC	Granted	10/813320	3/30/2004	7096724	8/29/2006	High Volume Actuating Fluid Rail
International Engine Intellectual Property Company, LLC	Granted	10/816244	4/1/2004	6953315	8/30/2005	Gashift Position Sensor Testing System
International Engine Intellectual Property Company, LLC	Granted	10/818668	4/6/2004	7066016	6/27/2006	Retainer For Connector
International Engine Intellectual Property Company, LLC	Granted	10/836291	4/30/2004	7059288	6/13/2006	Fuel System
International Engine Intellectual Property Company, LLC	Granted	10/837072	4/30/2004	7040299	5/9/2006	Connection System For Exhaust Gas Recirculation (EGR)
International Engine Intellectual Property Company, LLC	Granted	10/840487	5/6/2004	6968832	11/29/2005	Core Element Fastening And Assembly Method
International Engine Intellectual Property Company, LLC	Granted	10/849996	5/20/2004	7257885	8/21/2007	Turbocharger Mounting System
International Engine Intellectual Property Company, LLC	Granted	10/852411	5/24/2004	7043915	5/16/2006	Non-Homogeneous Engine Component Formed By Powder Metallurgy (This file was combined with D5087 ent
International Engine Intellectual Property Company, LLC	Granted	10/853117	5/27/2004	7509890	3/31/2009	Non-Homogeneous Engine Component Formed By Powder Metallurgy (this files was combined with D5090)
International Engine Intellectual Property Company, LLC	Granted	10/854937	5/27/2004	7299715	11/27/2007	Drive Chain Assembly Restraint
International Engine Intellectual Property Company, LLC	Granted	10/870171	6/17/2004	7290335	11/6/2007	Strategy For Fueling A Diesel Engine By Selective Use Of Fueling Maps To Provide HCCI+RVT, HCCI+VVT,
International Engine Intellectual Property Company, LLC	Granted	10/874668	6/23/2004	6957640	10/25/2005	Unit Trigger Actuator
International Engine Intellectual Property Company, LLC	Granted	10/883817	7/7/2004	7004123	2/28/2006	De-Sulfurization Of A NOx Adsorber Catalyst In A Diesel Engine Exhaust System
International Engine Intellectual Property Company, LLC	Granted	10/886978	7/8/2004	7047730	5/23/2006	Sealing System For Multiple Fluids
International Engine Intellectual Property Company, LLC	Granted	10/886819	7/8/2004	7234706	6/26/2007	Torque Control Strategy For A Diesel Engine During Lean-Rich Modulation Using Independent Fuel Injec
International Engine Intellectual Property Company, LLC	Granted	10/889382	7/12/2004	6990991	1/31/2006	Cooling System For An Internal Combustion Engine With Exhaust Gas Recirculation (EGR)
International Engine Intellectual Property Company, LLC	Granted	10/889400	7/12/2004	7089890	8/15/2006	HYBRID CATALYST SYSTEM FOR EXHAUST EMISSIONS REDUCTION
International Engine Intellectual Property Company, LLC	Granted	10/890642	7/14/2004	7213395	5/8/2007	Dynamic Fuel Injection Control Pressure Set-Point Limits
International Engine Intellectual Property Company, LLC	Granted	10/894981	7/20/2004	6973923	12/13/2005	Engine Block Casting And Method Of Manufacture
International Engine Intellectual Property Company, LLC	Granted	10/895659	7/21/2004	7958633	6/14/2011	Method And Apparatus For Determining Turbocharger Boost
International Engine Intellectual Property Company, LLC	Granted	10/894966	7/26/2004	7124582	10/24/2006	PRI-COMBUSTION FOR INTERNAL COMBUSTION ENGINES AND SYSTEMS AND METHOD THEREFOR
International Engine Intellectual Property Company, LLC	Granted	10/910213	8/2/2004	7240483	7/10/2007	Post-Retard Fuel Limiting Strategy For An Engine
International Engine Intellectual Property Company, LLC	Granted	10/920933	8/18/2004	6968838	11/29/2005	

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International Engine Intellectual Property Company, LLC	Granted	10/939741	9/13/2004	6983808	1/10/2006	Transient Compensation Of EGR And Boost In An Engine Using Acceleration Pedal Rate Data
International Engine Intellectual Property Company, LLC	Granted	10/946750	9/21/2004	6993428	1/31/2006	Detecting Leakage Of Engine Exhaust Gas Using Exhaust Mass Flow Measurement
International Engine Intellectual Property Company, LLC	Granted	10/945582	9/21/2004	6996476	12/20/2005	Fuel Pump Drive System In An Internal Combustion Engine
International Engine Intellectual Property Company, LLC	Granted	10/945636	9/21/2004	7140357	11/28/2006	Vortex Mixing System For Exhaust Gas Recirculation (EGR)
International Engine Intellectual Property Company, LLC	Granted	10/945618	9/21/2004	7032578	4/25/2006	Two Stage Mixing System For Exhaust Gas Recirculation (EGR)
International Engine Intellectual Property Company, LLC	Granted	10/947917	9/23/2004	6988029	1/17/2006	Venturi Mixing System For Exhaust Gas Recirculation (EGR)
International Engine Intellectual Property Company, LLC	Granted	10/954602	9/30/2004	7104148	9/12/2006	Transient Speed- And Transient Load-Based Compensation Of Fuel Injection Control Pressure
International Engine Intellectual Property Company, LLC	Granted	10/954452	9/30/2004	7392835	7/1/2008	Method And Apparatus For Evaluating The Flowability Of Core Forming Materials
International Engine Intellectual Property Company, LLC	Granted	10/960662	10/7/2004	6997138	2/14/2006	Bracket And Slab Core Fastening Apparatus
International Engine Intellectual Property Company, LLC	Granted	10/960664	10/7/2004	7117843	10/10/2006	Diesel Combustion Chamber
International Engine Intellectual Property Company, LLC	Granted	10/963076	10/12/2004	6973786	12/13/2005	Emission Reduction In A Diesel Engine By Selective Use Of High- And Low-Pressure EGR Loops
International Engine Intellectual Property Company, LLC	Granted	10/967965	10/19/2004	7183643	3/6/2007	Combined Filter And Fill Tube
International Engine Intellectual Property Company, LLC	Granted	10/970374	10/21/2004	7184641	11/14/2006	Valve Having Axial And Radial Passages
International Engine Intellectual Property Company, LLC	Granted	10/969047	10/21/2004	7216630	5/15/2007	System and method to control spool stroke motion
International Engine Intellectual Property Company, LLC	Granted	10/973487	10/26/2004	7237523	7/3/2007	Internal Combustion Engine With At Least Two Cylinder Banks
International Engine Intellectual Property Company, LLC	Granted	10/974639	10/27/2004	7013212	3/14/2006	Air Management Strategy For Auto-Ignition In A Compression Ignition Engine
International Engine Intellectual Property Company, LLC	Granted	10/975829	10/28/2004	7293358	11/13/2007	Core Element Fastening And Assembly Method
International Engine Intellectual Property Company, LLC	Granted	11/011959	12/14/2004	7353648	4/8/2008	Robust EGR Control Against Back Pressure Fluctuation During DPF Soot Build Up and Burn Off
International Engine Intellectual Property Company, LLC	Granted	11/047012	1/31/2005	7137373	11/21/2006	Valve Lifter Guide
International Engine Intellectual Property Company, LLC	Granted	11/052647	2/7/2005	7213397	5/8/2007	MECHANISM AND METHOD OF COMBINED FUEL REFORMER AND DOSING SYSTEM FOR EXHAUST AFTERTREATMENT AND ANTI
International Engine Intellectual Property Company, LLC	Granted	11/059238	2/16/2005	7062904	6/20/2006	INTEGRATED NOX AND PM REDUCTION CATALYST FOR THE TREATMENT OF EMISSION FROM INTERNAL COMBUSTION ENGI
International Engine Intellectual Property Company, LLC	Granted	11/060358	2/21/2005	7631489	12/15/2009	Strategy For Selectively Bypassing A DPF In A Hybrid HCCI Combustion Engine
International Engine Intellectual Property Company, LLC	Granted	11/072549	3/3/2005	7017561	3/28/2006	Control Strategy For Expanding Diesel HCCI Combustion Range By Lowering Intake Manifold Temperature
International Engine Intellectual Property Company, LLC	Granted	11/07314	3/10/2005	7530220	5/12/2009	Control Strategy For Reducing Fuel Consumption Penalty Due To NOx Adsorber Regeneration
International Engine Intellectual Property Company, LLC	Granted	11/100701	4/7/2005	7188497	3/13/2007	Method For Straightening An Eccentric Shaft
International Engine Intellectual Property Company, LLC	Granted	11/106994	4/14/2005	7000393	2/21/2006	System And Method For Relieving Engine Back-Pressure By Selectively Bypassing A Stage Of A Two-Stage
International Engine Intellectual Property Company, LLC	Granted	11/113324	4/21/2005	7168250	1/30/2007	Engine Valve System And Method
International Engine Intellectual Property Company, LLC	Granted	11/126776	5/10/2005	7347172	3/25/2008	Hydraulic Valve Actuation System With Valve Load Adjustment
International Engine Intellectual Property Company, LLC	Granted	11/147550	6/7/2005	7188597	3/13/2007	Strategy For Fueling A Diesel Engine By Selective Use Of Fueling Maps To Provide HCCI+RYT, HCCI+VVC,
International Engine Intellectual Property Company, LLC	Granted	11/140627	5/27/2005	7121255	10/17/2006	Engine Cold Start And Malfunction Alert
International Engine Intellectual Property Company, LLC	Granted	11/148637	6/9/2005	7685813	3/30/2010	LNT REGENERATION STRATEGY OVER NORMAL TRUCK DRIVING CYCLE
International Engine Intellectual Property Company, LLC	Granted	11/570352	6/22/2005	7747867	6/22/2010	Strategy For Fueling A Diesel Engine
International Engine Intellectual Property Company, LLC	Granted	11/176710	7/7/2005	7251929	8/7/2007	THERMAL MANAGEMENT OF HYBRID LNT/SCR AFTERTREATMENT DURING DESULFATION
International Engine Intellectual Property Company, LLC	Granted	11/190661	7/27/2005	7243883	7/17/2007	Bracket For Retaining Wires
International Engine Intellectual Property Company, LLC	Granted	11/207854	8/18/2005	7243641	6/16/2009	Tangential Mixer And Method
International Engine Intellectual Property Company, LLC	Granted	11/217568	9/1/2005	7546762	6/16/2009	Acute Angle Pressure Sensor Probe And Method
International Engine Intellectual Property Company, LLC	Granted	11/217533	9/1/2005	7299626	11/27/2007	DPF Regeneration Monitoring Method
International Engine Intellectual Property Company, LLC	Granted	11/220464	9/7/2005	7055496	6/6/2006	Strategy For Engine Fueling During Return To Positive Power Flow After Engine Brake De-Activation
International Engine Intellectual Property Company, LLC	Granted	11/223589	9/10/2005	7235400	2/26/2008	VALVELESS DUAL LEF EXHAUST AFTERTREATMENT SYSTEM
International Engine Intellectual Property Company, LLC	Granted	11/226537	9/14/2005	7257950	8/21/2007	Diesel Engine Charge Air Cooler By Pass Passage And Method
International Engine Intellectual Property Company, LLC	Granted	11/227010	9/15/2005	7168396	1/30/2007	Variable Compression Ratio Strategy For Improving Combustion Processes In Alternative Combustion Com
International Engine Intellectual Property Company, LLC	Granted	11/238379	9/29/2005	7184877	2/27/2007	Model-Based Controller For Auto-Ignition Optimization In A Diesel Engine
International Engine Intellectual Property Company, LLC	Granted	11/245880	10/7/2005	7628009	12/8/2009	AFTERTREATMENT SYSTEM WITH TRANSMISSION CONTROL
International Engine Intellectual Property Company, LLC	Granted	11/247674	10/7/2005	7063642	6/20/2006	NARROW SPEED RANGE DIESEL-POWERED ENGINE SYSTEM W/ AFTERTREATMENT DEVICE \n
International Engine Intellectual Property Company, LLC	Granted	11/247689	10/11/2005	7281529	10/16/2007	VEGR Turbocharger Center Housing And Method
International Engine Intellectual Property Company, LLC	Granted	11/252102	10/17/2005	7281529	10/16/2007	EGR Cooler Purging Apparatus And Method\nandD578 combined with this file)
International Engine Intellectual Property Company, LLC	Granted	11/254480	10/19/2005	7200485	4/3/2007	Transient Speed- And Transient Load-Based Compensation Of Fuel Injection Control Pressure
International Engine Intellectual Property Company, LLC	Granted	11/253475	10/19/2005	7227791	1/02/2007	Strategy For Detecting Use Of A Block Heater And For Modifying Temperature-Dependent Variables To Ac
International Engine Intellectual Property Company, LLC	Granted	11/256916	10/24/2005	7210468	5/1/2007	Heat Exchanger Method And Apparatus\ncombined with D5800
International Engine Intellectual Property Company, LLC	Granted	11/263661	10/31/2005	7118403	10/10/2006	Connector Clip And Method
International Engine Intellectual Property Company, LLC	Granted	11/270006	11/9/2005	7533519	5/19/2009	Three Sensor Comparison Rationality Test
International Engine Intellectual Property Company, LLC	Granted	11/293065	12/2/2005	7669408	3/2/2010	LNT DESULFATION STRATEGY WITH REFORMER TEMPERATURE MANAGEMENT

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International Engine Intellectual Property Company, LLC	Granted	11/293935	1/25/2005	7210469	5/1/2007	Oxidation Catalyst Coating In A Heat Exchanger/in
International Engine Intellectual Property Company, LLC	Granted	11/312304	12/20/2005	7258092	8/21/2007	Apparatus And Method For Pre-Cycle Warm-Up Via Wireless Communication
International Engine Intellectual Property Company, LLC	Granted	11/330523	1/12/2006	7299771	11/27/2007	Valve System For An Internal Combustion Engine And Method
International Engine Intellectual Property Company, LLC	Granted	11/43983	1/31/2006	7311090	12/25/2007	Engine Exhaust Gas Passage Flow Orifice And Method
International Engine Intellectual Property Company, LLC	Granted	11/43371	1/31/2006	7171957	2/6/2007	Control Strategy For Expanding Diesel HCCI Combustion Range By Lowering Intake Manifold Temperature
International Engine Intellectual Property Company, LLC	Granted	11/435961	2/2/2006	7388923	9/7/2010	Constant EGR Rate Engine And Method
International Engine Intellectual Property Company, LLC	Granted	11/63134	2/27/2006	748212	11/11/2008	Engine Bree Air Passage And Method
International Engine Intellectual Property Company, LLC	Granted	11/63802	2/28/2006	7289899	10/30/2007	Method And System For Calculating Brake Torque Produced By A Turbocharged Engine
International Engine Intellectual Property Company, LLC	Granted	11/374699	3/14/2006	7257941	8/21/2007	MODEL BASED DIAGNOSTICS OF A AFTER-TREATMENT FUEL DOSING SYSTEM
International Engine Intellectual Property Company, LLC	Granted	11/376077	3/15/2006	7349798	3/25/2008	Remote Control Of Engine Operation In A Motor Vehicle
International Engine Intellectual Property Company, LLC	Granted	11/411340	4/26/2006	7419189	9/2/2008	High Pressure Hydraulic Fitting Design For Diesel Engines
International Engine Intellectual Property Company, LLC	Granted	11/380537	4/27/2006	7461627	12/9/2008	Hybrid Combustion In A Diesel Engine
International Engine Intellectual Property Company, LLC	Granted	11/354853	5/17/2006	7305976	12/11/2007	EGR Engine Heater and method
International Engine Intellectual Property Company, LLC	Granted	11/438249	5/22/2006	7698894	4/20/2010	Engine Intake Air Compressor Having Multiple Inlets And Method
International Engine Intellectual Property Company, LLC	Granted	11/473953	6/2/2006	7727419	6/1/2010	Engine Intake Air Compressor And Method
International Engine Intellectual Property Company, LLC	Granted	11/447810	6/6/2006	7562522	7/21/2009	REFORMER AND REFORMING PROCESS FOR PRODUCTION OF HYDROGEN FROM HYDROCARBON FUEL
International Engine Intellectual Property Company, LLC	Granted	11/451893	6/13/2006	7415825	8/26/2008	Variable Geometry Turbocharger Control Method And Apparatus
International Engine Intellectual Property Company, LLC	Granted	11/453133	6/15/2006	7900604	3/8/2011	Dampening stop pin
International Engine Intellectual Property Company, LLC	Granted	11/455553	6/19/2006	7412823	8/19/2008	LNT DESULFURATION STRATEGY
International Engine Intellectual Property Company, LLC	Granted	11/425314	6/20/2006	7373907	5/20/2008	Valve Lifter Guide
International Engine Intellectual Property Company, LLC	Granted	11/264227	6/26/2006	7738218	7/6/2010	System And Method For Achieving Engine Back-Pressure Set-Point By Selectively Bypassing A Stage Of A
International Engine Intellectual Property Company, LLC	Granted	11/427880	6/30/2006	7380445	6/3/2008	Method Of Measuring Turbocharger Performance On Engine And Turbocharger Gas Stand To Determine Turbo
International Engine Intellectual Property Company, LLC	Granted	11/490910	7/21/2006	7610751	11/3/2009	SUPPLEMENTAL FUEL INJECTOR BEFORE ENGINE TURBOCHARGER
International Engine Intellectual Property Company, LLC	Granted	11/494305	7/26/2006	7788990	9/7/2010	METHODS AND SYSTEMS FOR CONTROLLING INTERNAL COMBUSTION ENGINES
International Engine Intellectual Property Company, LLC	Granted	11/493120	7/26/2006	7614214	11/10/2009	INTEGRATED DPF-REFORMERIN
International Engine Intellectual Property Company, LLC	Granted	11/493472	7/27/2006	7434387	10/14/2008	GASIFICATION OF SOOT TRAPPED IN A PARTICULATE FILTER UNDER REDUCING CONDITIONSin
International Engine Intellectual Property Company, LLC	Granted	11/463312	8/8/2006	7258097	12/1/2009	OPTIMAL FUEL PROFILES
International Engine Intellectual Property Company, LLC	Granted	11/463167	8/8/2006	7415960	8/26/2008	Crankcase For An Internal Combustion Engine
International Engine Intellectual Property Company, LLC	Granted	11/463308	8/8/2006	7415960	8/26/2008	Engine Fluid Passage Intersection And Method
International Engine Intellectual Property Company, LLC	Granted	11/524853	9/20/2006	7650746	1/26/2010	Engine Cast Component Having Witness Marks And Method Of Machining Same
International Engine Intellectual Property Company, LLC	Granted	11/55256	10/31/2006	7363761	4/29/2008	Exhaust Gas Throttle For Divided Turbine Housing Turbocharger
International Engine Intellectual Property Company, LLC	Granted	11/55265	10/31/2006	7509935	3/31/2009	Engine Cover And Method
International Engine Intellectual Property Company, LLC	Granted	11/55270	10/31/2006	7258112	8/21/2007	Reducing HC Collection In A Diesel Particulate Filter During Failure In An Engine Cold Start Aid
International Engine Intellectual Property Company, LLC	Granted	11/557542	11/8/2006	7347176	3/25/2008	Gasket With Leak Conduit
International Engine Intellectual Property Company, LLC	Granted	11/617830	12/20/2006	7562528	5/8/2012	Low Restriction Turbine Discharge Elbow For Turbocharger Exhaust Connection To Vehicle Down Pipe
International Engine Intellectual Property Company, LLC	Granted	11/671830	2/6/2007	7353793	4/8/2008	CLOSED LOOP CONTROL OF A PWM VALVE FOR DOSING OF A FLUID
International Engine Intellectual Property Company, LLC	Granted	11/672380	2/6/2007	7292930	11/6/2007	Windowing Inputs To Flow-Based Soot Estimation In Diesel Particulate Filters To Improve Robustness T
International Engine Intellectual Property Company, LLC	Granted	11/672807	2/8/2007	7392930	11/6/2007	EGR Metallic High Load Diesel Oxidation Catalyst
International Engine Intellectual Property Company, LLC	Granted	11/708550	2/20/2007	7810315	10/12/2010	Hold Down Plate For Securing A Component
International Engine Intellectual Property Company, LLC	Granted	11/715854	3/8/2007	7610752	11/3/2009	Attenuation Of Engine Harshness During Lean-To-Rich Transitions
International Engine Intellectual Property Company, LLC	Granted	11/687100	3/16/2007	7810466	10/12/2010	LNT REGENERATION STRATEGY TO REDUX NOx SPIKE
International Engine Intellectual Property Company, LLC	Granted	11/689324	3/21/2007	7594398	9/29/2008	Compound Bracket System
International Engine Intellectual Property Company, LLC	Granted	11/736879	4/18/2007	7433776	10/7/2008	Exhaust Gas Recirculation For An Internal Combustion Engine And Method Therefor
International Engine Intellectual Property Company, LLC	Granted	11/736886	4/18/2007	7833557	11/2/2010	System And Method For Quantizing Fuel Dilution Of Engine Motor Due To Post-Injection Fueling To Rege
International Engine Intellectual Property Company, LLC	Granted	11/799252	5/1/2007	789678	12/14/2010	Compression Ignition Engine Having Fuel Injection Devices And Processes For Promoting Cleaner Burnin
International Engine Intellectual Property Company, LLC	Granted	11/803304	5/14/2007	7950226	5/31/2011	DESULFURATION CONTROL STRATEGYin
International Engine Intellectual Property Company, LLC	Granted	11/753201	5/24/2007	7921877	4/12/2011	LNT-SCR SYSTEM OPTIMIZED FOR THERMAL GRADIENT
International Engine Intellectual Property Company, LLC	Granted	11/753305	5/24/2007	7789060	9/7/2010	Spool Valve And Method
International Engine Intellectual Property Company, LLC	Granted	11/830315	6/19/2007	7980064	7/19/2011	Cylinder Head Gasket For An Internal Combustion Engine
International Engine Intellectual Property Company, LLC	Granted					ALGORITHM INCORPORATING CHARACTERISTIC OF THE DRIVING CONDITIONS AS A PARAMETER IN LNT REGENERATION

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International Engine Intellectual Property Company, LLC	Granted	11/67732	6/23/2007	7481503	2/3/2009	System And Method For Diesel Particulate Filter Regeneration
International Engine Intellectual Property Company, LLC	Granted	11/67696	6/23/2007	8150576	4/3/2012	Engine Glow Plug Diagnosis Using Crankshaft Sensor Data
International Engine Intellectual Property Company, LLC	Granted	11/768480	6/26/2007	7975478	7/12/2011	Internal Combustion Engine Having Compressor With First And Second Tributary Inlets
International Engine Intellectual Property Company, LLC	Granted	11/880950	7/23/2007	8006480	8/30/2011	INT REGENERATION SCHEDULING
International Engine Intellectual Property Company, LLC	Granted	11/881318	7/26/2007	7824200	9/28/2010	CATALYST COMPOSITION AND STRUCTURE FOR A DIESEL-FUELED AUTOTHERMAL REFORMER PLACED IN AND EXHAUST ST
International Engine Intellectual Property Company, LLC	Granted	11/873009	10/6/2007	7999181	8/16/2011	Harness Retainer Indicator
International Engine Intellectual Property Company, LLC	Granted	11/87315	10/23/2007	7740008	6/22/2010	Multiple Height Fluid Mixer And Method Of Use
International Engine Intellectual Property Company, LLC	Granted	12/056983	3/27/2008	8070416	12/6/2011	Flow Regulation Mechanism For Turbocharger Compressor
International Engine Intellectual Property Company, LLC	Granted	12/056864	3/27/2008	7536992	3/26/2009	Engine Speed Controller Having PI Gains Set By Engine Speed And Engine Speed Error
International Engine Intellectual Property Company, LLC	Granted	12/165766	7/1/2008	8219279	7/10/2012	A Method For On-Board Data Backup For Configurable Programmable Parameters
International Engine Intellectual Property Company, LLC	Granted	12/184705	8/1/2008	7597083	10/6/2009	Oil Pan To Engine Block Attachment For Avoiding Fretting Of The Oil Pan Rim
International Engine Intellectual Property Company, LLC	Granted	12/184811	8/1/2008	7702449	4/20/2010	High Pressure Oil Limit Based on Fuel Level To Protect Fuel Injectors
International Engine Intellectual Property Company, LLC	Granted	12/325854	12/1/2008	8127710	2/28/2012	THERMAL MANAGEMENT OF UREA DOSING COMPONENTS IN AN ENGINE EXHAUST AFTER-TREATMENT SYSTEMIn
International Engine Intellectual Property Company, LLC	Granted	12/342764	12/23/2008	7591245	9/22/2009	Air Valve, Method of Use
International Engine Intellectual Property Company, LLC	Granted	12/497213	7/2/2009	8205606	6/26/2012	MODEL FOR INTERRING TEMPERATURE OF EXHAUST GAS AT AN EXHAUST MANIFOLD USING TEMPERATURE MEASURED AT
International Engine Intellectual Property Company, LLC	Granted	12/511502	7/29/2009	8201544	6/19/2012	Turbocharger with Integrated Centrifugal Breather
International Engine Intellectual Property Company, LLC	Granted	12/511441	7/29/2009	8146542	4/3/2012	Adaptive EGR Cooling System
International Engine Intellectual Property Company, LLC	Granted	12/533317	7/31/2009	8205603	6/26/2012	METHOD AND APPARATUS FOR REDUCING BLOW-BY COKING
International Engine Intellectual Property Company, LLC	Granted	12/533291	7/31/2009	8171924	5/8/2012	VARIABLE OPEN-CLOSED CRANKCASE BREATHER SYSTEM FOR BLOW-BY GAS
International Engine Intellectual Property Company, LLC	Granted	12/54956	8/4/2009	8006661 B	8/30/2011	BRIDGE AND PIVOT FOOT ARRANGEMENT FOR OPERATING ENGINE CYLINDER VALVES
International Engine Intellectual Property Company, LLC	Granted	12/540828	8/13/2009	8069838	12/6/2011	Intake Valve Closing Hydraulic Adjuster
International Engine Intellectual Property Company, LLC	Granted	12/546372	8/24/2009	8136770	3/20/2012	MOUNT FOR EXHAUST SYSTEM COMPONENTS
International Engine Intellectual Property Company, LLC	Granted	12/550628	8/31/2009	8010276 B	8/30/2011	Intake Manifold Oxygen Control
International Engine Intellectual Property Company, LLC	Granted	12/579608	10/15/2009	816949	4/24/2012	EXHAUST GAS RECIRCULATION COOLER SYSTEM
International Engine Intellectual Property Company, LLC	Granted	12/611140	11/3/2009	8205436	6/26/2012	UNINTENDED EXOTHERMAL REACTIONS MONITORING FOR DIESEL AFTER-TREATMENT SYSTEMS
International Engine Intellectual Property Company, LLC	Granted	12/61330	11/3/2009	8140245	2/20/2012	ENGINE WITH ELECTRONICALLY CONTROLLED STARTING METHOD
International Engine Intellectual Property Company, LLC	Granted	12/61418	11/3/2009	8205602	6/26/2012	SYSTEM AND METHOD OF CONTROLLING AN AMOUNT OF CONDENSATION IN AN ENGINE AIR INTAKE SYSTEM
International Engine Intellectual Property Company, LLC	Granted	12/710589	2/8/2010	8205398	6/26/2012	FUEL INJECTOR NOZZLE
International Engine Intellectual Property Company, LLC	Granted	12/710558	2/23/2010	8137057	3/20/2012	Engine Intake Air Compressor And Method
International Engine Intellectual Property Company, LLC	Granted	12/71436	2/24/2010	8173088	5/8/2012	METHOD, SYSTEM AND APPARATUS FOR LIQUID INJECTION INTO A GAS SYSTEMIn
International Engine Intellectual Property Company, LLC	Granted	12/817265	6/17/2010	8207633	6/26/2012	Battery Back Up for Electronic Modules
International Engine Intellectual Property Company, LLC	Filed	12/660971	4/2/2008			Method And Apparatus To Optimize Energy Efficiency Of Air Compressor In Vehicle Air Brake Applicatio
International Truck Intellectual Property Company, LLC	Filed	12/937167	4/20/2009			MULTIPLE BATTERY SYSTEM OF A MOTOR VEHICLE
International Truck Intellectual Property Company, LLC	Filed	12/490822	6/24/2009			Method Of Adhering An Object To The Exterior Of A Motor Vehicle
International Truck Intellectual Property Company, LLC	Filed	12/496729	7/2/2009			PLATFORM ASSEMBLY
International Truck Intellectual Property Company, LLC	Filed	12/503098	7/15/2009			MOTOR VEHICLE BRAKING SYSTEM AND METHOD
International Truck Intellectual Property Company, LLC	Filed	12/505034	7/17/2009			SYSTEM AND METHOD FOR CONTROLLING AIR GAP BETWEEN A TRACTOR AND A TRAILER
International Truck Intellectual Property Company, LLC	Filed	12/505575	7/20/2009			SCALABLE HYBRID ENERGY STORAGE FOR PLUG-IN VEHICLES
International Truck Intellectual Property Company, LLC	Filed	12/509891	7/27/2009			Auxiliary Power Unit Diagnostic Tool
International Truck Intellectual Property Company, LLC	Filed	12/509940	7/27/2009			TEMPERATURE CONTROL DEVICE
International Truck Intellectual Property Company, LLC	Filed	12/509969	7/27/2009			Pneumatic Suspension Spring For A Wheeled Vehicle
International Truck Intellectual Property Company, LLC	Filed	13/394403	9/25/2009			BATTERY CONNECTOR AND METHOD OF MAKING A BATTERY CONNECTORIn
International Truck Intellectual Property Company, LLC	Filed	12/524772	10/2/2009			METHOD FOR SELECTING SOFTWARE AND INSTALLING SAME VIA A TELEMETRIC MODULE IN A MOTOR VEHICLE
International Truck Intellectual Property Company, LLC	Filed	13/128817	11/6/2009			CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWER TRAINIn
International Truck Intellectual Property Company, LLC	Filed	13/128827	11/6/2009			CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWER TRAINIn
International Truck Intellectual Property Company, LLC	Filed	13/129057	11/6/2009			Variable Speed PTO & Hydraulic Flow Control for Body... f/k/a D6705... In Equipment Integrated with a
International Truck Intellectual Property Company, LLC	Filed	13/508889	11/24/2009			VEHICLE WITH PARTICULATE RESISTANT WINDSHIELD
International Truck Intellectual Property Company, LLC	Filed	12/64012	12/18/2009			Vehicle Installed Cement Mixer Control
International Truck Intellectual Property Company, LLC	Filed	13/513226	12/18/2009			CONTROL SYSTEM FOR PTO EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC DRIVE/RAIN
International Truck Intellectual Property Company, LLC	Filed	12/713474	2/26/2010			MOTOR VEHICLE FUEL SYSTEM HAVING MULTIPLE FUEL TANKS
International Truck Intellectual Property Company, LLC	Filed	12/714619	3/1/2010			Methods and Circuits for Controlling a Battery Disconnect Switch
International Truck Intellectual Property Company, LLC	Filed	12/714684	3/1/2010			System And Method For Indirect Indication Of Tire Pressure Loss
International Truck Intellectual Property Company, LLC	Filed	12/717600	3/4/2010			HYBRID HIGH VOLTAGE ISOLATION CONTACTOR CONTROL

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Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Filed	13/505512	6/24/2010			CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWER TRAIN - was D6878
International Truck Intellectual Property Company, LLC	Filed	13/505477	6/24/2010			CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWER TRAIN - was D6879
International Truck Intellectual Property Company, LLC	Filed	12/836830	7/15/2010			Method Of Compression Molding Motor Vehicle Components And Parts Made Therefrom
International Truck Intellectual Property Company, LLC	Filed	12/837565	7/16/2010			Diesel Engine Exhaust After-Treatment Operator Interface Algorithm
International Truck Intellectual Property Company, LLC	Filed	13/505486	6/16/2010			CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWER TRAIN - was D6880/in
International Truck Intellectual Property Company, LLC	Filed	13/505489	8/16/2010			CONTROL SYSTEM FOR EQUIPMENT ON A VEHICLE WITH A HYBRID-ELECTRIC POWER TRAIN - was 6917/in
International Truck Intellectual Property Company, LLC	Filed	12/883614	9/16/2010			SLIDABLY ADJUSTABLE FIFTH WHEEL HITCH ASSEMBLY FOR A VEHICLE AND CONTROL SYSTEM FOR THE SAME (former
International Truck Intellectual Property Company, LLC	Filed	12/883663	9/16/2010			SLIDABLY ADJUSTABLE FIFTH WHEEL HITCH ASSEMBLY FOR A VEHICLE AND CONTROL SYSTEM FOR THE SAME (former
International Truck Intellectual Property Company, LLC	Filed	12/883687	9/16/2010			SLIDABLY ADJUSTABLE FIFTH WHEEL HITCH ASSEMBLY FOR A VEHICLE AND CONTROL SYSTEM FOR THE SAME (former
International Truck Intellectual Property Company, LLC	Filed	12/902400	10/12/2010			GEARLESS OFFSET STEERING SHAFT COUPLING
International Truck Intellectual Property Company, LLC	Filed	13/080147	4/5/2011			TORQUE LIMITING ENGINE ROTATION TOOL
International Truck Intellectual Property Company, LLC	Filed	13/096583	4/28/2011			VEHICLE ARMOR
International Truck Intellectual Property Company, LLC	Filed	13/097254	4/29/2011			AUTOMATICALLY ADJUSTING SIDE MIRROR ASSEMBLY FOR A VEHICLE
International Truck Intellectual Property Company, LLC	Filed	13/121380	6/16/2011			AUXILIARY POWER UNIT HAVING SELF-CONTAINED ELECTRIC POWER DISTRIBUTION
International Truck Intellectual Property Company, LLC	Filed	13/162226	6/17/2011			TOOL AND METHOD FOR DRAINING AND REFILLING A COOLING SYSTEM
International Truck Intellectual Property Company, LLC	Filed	13/166233	6/22/2011			LIGHTING ASSEMBLY OF A VEHICLE
International Truck Intellectual Property Company, LLC	Filed	13/165969	6/22/2011			SUNSHADE ASSEMBLY WITH LIGHT
International Truck Intellectual Property Company, LLC	Filed	29/396043	6/24/2011			Front Cap of a Recreational Vehicle (Holiday Rambler Endeavor & Ambassador)
International Truck Intellectual Property Company, LLC	Filed	29/396062	6/24/2011			Front Cap of a Recreational Vehicle (Monaco Diplomat & Knight)
International Truck Intellectual Property Company, LLC	Filed	29/396065	6/24/2011			Rear Cap of a Recreational Vehicle (Holiday Rambler Endeavor & Ambassador)
International Truck Intellectual Property Company, LLC	Filed	29/396079	6/24/2011			Rear Cap of a Recreational Vehicle (Monaco Diplomat & Knight)
International Truck Intellectual Property Company, LLC	Filed	13/169287	6/27/2011			MIRROR ASSEMBLY
International Truck Intellectual Property Company, LLC	Filed	29/397694	7/20/2011			Grille of a Recreational Vehicle (Monaco Vista)
International Truck Intellectual Property Company, LLC	Filed	29/397713	7/20/2011			Front Cap of a Recreational Vehicle (Monaco Vista)
International Truck Intellectual Property Company, LLC	Filed	29/397716	7/20/2011			Rear Cap of a Recreational Vehicle (Monaco Vista)
International Truck Intellectual Property Company, LLC	Filed	29/397721	7/20/2011			Rear Taillight System of a Recreational Vehicle (Monaco Vista)
International Truck Intellectual Property Company, LLC	Filed	29/397732	7/20/2011			Grille of a Recreational Vehicle (Holiday Rambler)
International Truck Intellectual Property Company, LLC	Filed	29/397740	7/20/2011			Front Cap of a Recreational Vehicle (Holiday Rambler)
International Truck Intellectual Property Company, LLC	Filed	29/397746	7/20/2011			Rear Cap of a Recreational Vehicle (Holiday Rambler)
International Truck Intellectual Property Company, LLC	Filed	29/397756	7/20/2011			Rear Taillight System of a Recreational Vehicle (Holiday Rambler)
International Truck Intellectual Property Company, LLC	Filed	61/514948	8/4/2011			CMU Group 6 project, Recreational Vehicle Porch and Trimable Skylights
International Truck Intellectual Property Company, LLC	Filed	61/521472	8/9/2011			CMU Group 4 project, RECONFIGURABLE RECREATIONAL VEHICLE
International Truck Intellectual Property Company, LLC	Filed	61/521483	8/9/2011			CMU Group 5 project, RECREATIONAL VEHICLE PORCH
International Truck Intellectual Property Company, LLC	Filed	61/535537	9/16/2011			HYDRAULIC POWERED PARK BRAKE SYSTEM
International Truck Intellectual Property Company, LLC	Filed	13/241513	9/23/2011			Stackable Armored Vehicle
International Truck Intellectual Property Company, LLC	Filed	13/241632	9/23/2011			Stackable Armored Vehicle
International Truck Intellectual Property Company, LLC	Filed	13/273455	10/14/2011			MONITOR OF AMMONIA IN DOSING SYSTEM
International Truck Intellectual Property Company, LLC	Filed	13/332722	12/21/2011			CHASSIS FRAME OF A VEHICLE
International Truck Intellectual Property Company, LLC	Filed	13/347844	1/11/2012			STEERING COLUMN ADJUSTMENT
International Truck Intellectual Property Company, LLC	Filed	13/348695	4/3/2012			TOWED VEHICLE VISIBILITY ENHANCER
International Truck Intellectual Property Company, LLC	Filed	61/636097	4/20/2012			TAMPER RESISTANT BATTERY COMPARTMENT
International Truck Intellectual Property Company, LLC	Filed	13/453561	4/25/2012			Display of Electronic Self Test Results Using Gauge Dial Pointers
International Truck Intellectual Property Company, LLC	Filed	13/467473	5/9/2012			LIGHT-WEIGHT, ROLL-BONDED HEAVY DUTY TRUCK FRAME MEMBER
International Truck Intellectual Property Company, LLC	Filed	13/495651	6/13/2012			VEHICLE ASSEMBLY AND GAP TOOL
International Truck Intellectual Property Company, LLC	Granted	07/393762	8/26/1992	3822335	10/13/1998	Display of Electronic Self Test Results Using Gauge Dial Pointers
International Truck Intellectual Property Company, LLC	Granted	08/0004344	1/14/1993	5366246	11/15/1994	Electronic Management System for Heavy-Duty Trucks
International Truck Intellectual Property Company, LLC	Granted	08/060457	5/11/1993	5366246	11/22/1994	Vehicle Fuel Tank Mounting and Protective Cage
International Truck Intellectual Property Company, LLC	Granted	08/170541	12/20/1993	5386042	1/10/1995	Protective Cage for Fuel Tanks Installed Between Vehicle Side Members
International Truck Intellectual Property Company, LLC	Granted	08/231867	4/26/1994	5530421	6/25/1996	Circuit For Automated Control of On-Board Closed Circuit Television System Having Side and Rear View
International Truck Intellectual Property Company, LLC	Granted	08/421016	4/12/1995	6112138	8/29/2000	Programming Response of Electronically Controlled Ganges
International Truck Intellectual Property Company, LLC	Granted	08/420920	4/12/1995	5603549	2/18/1997	Nestable Multipiece Truck Cab Roof Painting Assembly
International Truck Intellectual Property Company, LLC	Granted	08/694006	8/7/1996	5780974	7/14/1998	Daytime Running Lights
International Truck Intellectual Property Company, LLC	Granted	08/920153	8/26/1997	5936154	8/10/1999	Driver Controlled Air System Moisture Removal and Pre-Trip Inspection System

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Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	08/921097	8/29/1997	5921615	7/13/1999	DURABLE, OPEN, AND ACCESSIBLE RECREATIONAL VEHICLE SUBFLOOR CONSTRUCTION
International Truck Intellectual Property Company, LLC	Granted	29/080497	12/10/1997	D411816	7/6/1999	Low Forward Entry Truck Cab Including Attached Steps and Fenders
International Truck Intellectual Property Company, LLC	Granted	29/080496	12/10/1997	D403620	1/5/1999	Exterior of a Truck Cab
International Truck Intellectual Property Company, LLC	Granted	29/080499	12/10/1997	D400285	12/29/1998	Exterior of a Grille and Grille Insert for a Truck
International Truck Intellectual Property Company, LLC	Granted	29/080685	12/10/1997	D413095	8/24/1999	Vehicle Instrument Panel
International Truck Intellectual Property Company, LLC	Granted	29/080683	12/10/1997	D403637	1/5/1999	Exterior of a Vehicle Hood
International Truck Intellectual Property Company, LLC	Granted	29/080492	12/10/1997	D409965	5/18/1999	Interior of a Truck Door Panel
International Truck Intellectual Property Company, LLC	Granted	09/041362	3/9/1998	6180655	2/20/2001	Polyurethane/Polyurea Coated Steel Battery Box for Hybrid Electric Vehicle Applications
International Truck Intellectual Property Company, LLC	Granted	09/063146	5/6/1998	6007139	12/28/1999	Parking Brake Lock-In Key Switch System for Vehicle Air Brake System
International Truck Intellectual Property Company, LLC	Granted	09/073669	4/26/1998	6079766	6/27/2000	DURABLE DOORS FOR A RECREATIONAL VEHICLE
International Truck Intellectual Property Company, LLC	Granted	09/124598	7/29/1998	605485	4/4/2000	Circuit for Interfacing Vehicle Drive-train, Service Brake and Power Take-Off with Engine Control
International Truck Intellectual Property Company, LLC	Granted	09/159324	9/23/1998	6186253	2/13/2001	Brake Activated Torque Disable with Hybrid Electric Vehicles
International Truck Intellectual Property Company, LLC	Granted	09/264788	3/9/1999	6120082	9/19/2000	Integrated Active Seal Suspension and Seal Lockup System
International Truck Intellectual Property Company, LLC	Granted	09/280310	3/29/1999	6237712	5/29/2001	Controlled Two-Speed Axle Shifting with Automatic Transmission
International Truck Intellectual Property Company, LLC	Granted	09/330391	4/22/1999	6272904	8/14/2001	Driver Controlled Air System Moisture Removal and Pre-Trip Inspection System
International Truck Intellectual Property Company, LLC	Granted	09/304759	5/4/1999	6282975	9/4/2001	Mounting Bracket for Automatic Transmission Shift Control
International Truck Intellectual Property Company, LLC	Granted	09/316872	5/21/1999	6213243	4/10/2001	Dual Draw and Return Fuel manifold with Integral Mounting Bracket for a Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/321476	5/27/1999	6412586	7/12/2002	Toroidal Exhaust Vibration Absorber
International Truck Intellectual Property Company, LLC	Granted	09/400989	6/1/1999	6234586	5/22/2001	Parking Brake Lock-In Key Switch System for Vehicle Air Brake System
International Truck Intellectual Property Company, LLC	Granted	09/354452	7/15/1999	6272402	8/7/2001	Remote Interface Modules with Programmable Functions
International Truck Intellectual Property Company, LLC	Granted	09/384673	8/27/1999	6480224	11/12/2002	Mobile Multiplexed Slow Scan Video System
International Truck Intellectual Property Company, LLC	Granted	09/406324	9/28/1999	6378878	4/30/2001	Self-leveling Suspension System
International Truck Intellectual Property Company, LLC	Granted	09/410847	10/1/1999	6188948	2/13/2001	Vehicle Anti-Lock Brake Systems Assembly Verification System Combined with D4891 in Non-Provisional
International Truck Intellectual Property Company, LLC	Granted	29/112382	10/14/1999	D426800	6/20/2000	Truck Vehicle Hood
International Truck Intellectual Property Company, LLC	Granted	09/430584	10/29/1999	6313526	4/10/2001	Bumper Integrated School Bus Safety Arm
International Truck Intellectual Property Company, LLC	Granted	09/434671	11/5/1999	6356882	3/12/2002	Land Vehicle Communications Systems and Process for Providing Information and Coordinating Vehiclein
International Truck Intellectual Property Company, LLC	Granted	09/441486	11/17/1999	6297566	10/2/2001	Transfer Case Engagement & Disengagement System
International Truck Intellectual Property Company, LLC	Granted	09/443261	11/22/1999	61335780	10/24/2000	Dual Function Lamp Socket
International Truck Intellectual Property Company, LLC	Granted	09/447132	11/22/1999	6265269	7/17/2001	Configuration Programming of Input/Output Connections for Network Modules in a Multiplexed Vehiclein
International Truck Intellectual Property Company, LLC	Granted	09/502936	2/11/2000	6327528	12/4/2001	Method and Apparatus for Conditioning Deployment of Air Bags on Vehicle Load
International Truck Intellectual Property Company, LLC	Granted	09/542195	4/4/2000	6364693	4/2/2002	Backshell w/ Forced Electrical Connector Orientation
International Truck Intellectual Property Company, LLC	Granted	09/552192	4/19/2000	6276710	8/21/2001	Right Hand Drive Steering System and Conversion Method from Left Hand Drive Vehiclein/OWNED BY ITTC
International Truck Intellectual Property Company, LLC	Granted	09/553033	4/19/2000	6276710	8/21/2001	Articulating Air Spring Suspension for Tandem Axle
International Truck Intellectual Property Company, LLC	Granted	09/552192	4/19/2000	6352245	3/5/2002	Integrated Front Lower Shock Mount, Axle Spacer and Caster Wedge
International Truck Intellectual Property Company, LLC	Granted	09/562896	5/1/2000	6264267	7/12/2001	Improved School Bus Door Operator
International Truck Intellectual Property Company, LLC	Granted	09/562896	5/1/2000	6193297	2/27/2001	Integrated Active Seal Suspension and Seal Lockup System
International Truck Intellectual Property Company, LLC	Granted	09/571961	5/16/2000	6416044	7/9/2002	Compressible Fluid Suspension System
International Truck Intellectual Property Company, LLC	Granted	09/579907	5/25/2000	6398261	6/4/2002	Vehicle Frame Siderails w/ Standardized Positioning of Attachment Support Holes
International Truck Intellectual Property Company, LLC	Granted	09/580190	5/26/2000	6260914	7/6/2001	Symmetrical Dash Reinforcement
International Truck Intellectual Property Company, LLC	Granted	09/591824	6/12/2000	6408974	6/25/2002	Component Mount For a Vehicle Frame
International Truck Intellectual Property Company, LLC	Granted	09/603291	6/23/2000	6591937	7/15/2003	Driver Control Module
International Truck Intellectual Property Company, LLC	Granted	09/604991	6/28/2000	6515425	2/4/2003	Headlight Anti-Glare System
International Truck Intellectual Property Company, LLC	Granted	09/612346	7/6/2000	6394474	5/28/2002	Front Air Spring Suspension with Anti-Dive and Anti-Roll Properties
International Truck Intellectual Property Company, LLC	Granted	09/611041	7/6/2000	6361428	3/26/2002	Vehicle Ventilation System
International Truck Intellectual Property Company, LLC	Granted	09/611039	7/6/2000	6430485	8/6/2002	Wireless Interface Adapter for Remote Diagnosis and Programming of Vehicle Control Systems
International Truck Intellectual Property Company, LLC	Granted	09/619854	7/20/2000	6286638	9/1/2001	Anti Lock Brake Sensor Bracket
International Truck Intellectual Property Company, LLC	Granted	09/626757	7/27/2000	6724102	4/20/2004	Programmable Matrix Controller for Correlating Electric in a Motor Vehicle w/ Switches in a Switch M
International Truck Intellectual Property Company, LLC	Granted	29/127151	7/31/2000	D467534	12/24/2002	Panel for an Engine Tunnel Console of a Mobile Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/634166	8/9/2000	6313742	11/6/2001	Method and Apparatus for Wheel Condition and Load Position Sensing
International Truck Intellectual Property Company, LLC	Granted	09/631683	8/30/2000	6395048	5/28/2002	Air Cleaner Inlet Device
International Truck Intellectual Property Company, LLC	Granted	09/651681	8/30/2000	6383243	5/7/2002	Quick Connect Fluid Coupling for an Inlet Cleaner
International Truck Intellectual Property Company, LLC	Granted	09/653594	8/31/2000	6425930	7/30/2002	Air Cleaner with Self-Mounted Inlet Shroud Seal

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# U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	09/659808	9/11/2000	6396395	5/28/2002	Programmable Vehicle Stopping System and Process for Route Learning
International Truck Intellectual Property Company, LLC	Granted	09/675613	9/29/2000	6378640	4/30/2002	Device & Method to Hold Sound Insulation in Vehicle Hood
International Truck Intellectual Property Company, LLC	Granted	29/130832	10/5/2000	D443073	7/17/2001	Bumper of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/130659	10/5/2000	D444584	7/24/2001	Hood of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/130662	10/5/2000	D447099	8/28/2001	Cab For a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/130658	10/5/2000	D445361	7/24/2001	Grille of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/702151	10/30/2000	6522029	2/18/2003	Wheel Mounted Power Generator & Wheel Condition Sensing Apparatus
International Truck Intellectual Property Company, LLC	Granted	09/702152	10/30/2000	6522029	2/18/2003	Remote Keyless Entry System for Motor Vehicles
International Truck Intellectual Property Company, LLC	Granted	09/710720	11/9/2000	6700357	3/9/2004	Low Load Floor Motor Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/727348	11/30/2000	6406170	6/18/2002	Mirror Head Assembly
International Truck Intellectual Property Company, LLC	Granted	09/755845	1/5/2001	6709287	3/23/2004	Electrical Connection Module
International Truck Intellectual Property Company, LLC	Granted	09/781928	2/12/2001	6907445	6/14/2005	Consistent Application Programming Interface for Communicating with Disparate Vehicle Network Class
International Truck Intellectual Property Company, LLC	Granted	09/783674	2/14/2001	6394217	5/28/2002	Dual Draw and Return Fuel Manifold with Integral mounting Bracket for a Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/789896	2/21/2001	6971446	12/6/2005	Intelligent Vehicle Air Conditioning Control System
International Truck Intellectual Property Company, LLC	Granted	09/91434	2/22/2001	6513367	2/4/2003	Method of Monitoring Engine Lubricant Condition
International Truck Intellectual Property Company, LLC	Granted	09/9811922	3/19/2001	6588818	7/8/2003	Vehicle Accessory-Mounting Assembly
International Truck Intellectual Property Company, LLC	Granted	09/834081	4/12/2001	6430921	8/13/2002	System Moisture Absorber
International Truck Intellectual Property Company, LLC	Granted	09/838990	4/21/2001	6478102	11/12/2002	Vehicle Body Suspension System
International Truck Intellectual Property Company, LLC	Granted	09/879305	6/12/2001	6634418	10/21/2003	T-Style Radiator - Charge Air Cooler Packaging for a Mobile Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/879352	6/12/2001	6564892	5/20/2003	L-Bracket Modular Front Engine Mounting
International Truck Intellectual Property Company, LLC	Granted	09/904214	7/12/2001	6738701	5/18/2004	Gear Shifter to Transmission Interface and Control Sub-System
International Truck Intellectual Property Company, LLC	Granted	29/145246	7/18/2001	D453581	4/9/2002	Grille of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/920494	8/1/2001	6650977	11/18/2003	Automated Vehicle Inspection System
International Truck Intellectual Property Company, LLC	Granted	09/922363	8/3/2001	6648324	11/19/2002	Apparatus For Enabling Truck Power Take Off Functionality During Auto Neutral
International Truck Intellectual Property Company, LLC	Granted	09/923561	8/27/2001	6648089	11/18/2003	Cooling Module Mounting System
International Truck Intellectual Property Company, LLC	Granted	29/146378	8/8/2001	D466450	12/3/2002	Cab & Hood Assembly of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/941108	8/28/2001	6393379	5/21/2002	Controller Area Network Diagnostic Instrument - CANDI
International Truck Intellectual Property Company, LLC	Granted	29/147700	8/30/2001	D458197	6/4/2002	Hood of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/147664	8/30/2001	D458565	6/11/2002	Bumper of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/147663	8/30/2001	D458875	6/18/2002	Cab of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	09/945272	8/31/2001	6637394	10/28/2003	System and Method for Vehicle Engine Cranking
International Truck Intellectual Property Company, LLC	Granted	09/945400	8/31/2001	6557190	5/6/2003	STORAGE BED ASSEMBLY
International Truck Intellectual Property Company, LLC	Granted	09/948085	9/6/2001	642694	7/30/2002	Method and Apparatus for Wheel Condition and Load Position Sensing
International Truck Intellectual Property Company, LLC	Granted	09/960129	9/27/2001	6674288	1/6/2004	Vehicle Lamp Inspection System
International Truck Intellectual Property Company, LLC	Granted	09/964949	9/27/2001	6705436	3/16/2004	Vehicle Park Brake Actuator System(Combined with D5703 & )
International Truck Intellectual Property Company, LLC	Granted	10/052932	10/25/2001	6859677	2/22/2005	Assembly Verification Method and Inspection System
International Truck Intellectual Property Company, LLC	Granted	29/150984	10/31/2001	D462305	9/3/2002	Rearview Mirror Assembly
International Truck Intellectual Property Company, LLC	Granted	09/989581	11/20/2001	6427101	7/30/2002	Land Vehicle Communications Systems and Process for Providing Information and Coordinating Vehicle in
International Truck Intellectual Property Company, LLC	Granted	09/989332	11/20/2001	65392963	3/25/2003	Land Vehicle Communications Systems and Process for Providing Information and Coordinating Vehicle in
International Truck Intellectual Property Company, LLC	Granted	09/989042	11/20/2001	6430486	8/6/2002	Land Vehicle Communications Systems and Process for Providing Information and Coordinating Vehicle in
International Truck Intellectual Property Company, LLC	Granted	10/020828	12/12/2001	6765776	7/20/2004	Configurable Interrupter For Circuit Overcurrent Conditions
International Truck Intellectual Property Company, LLC	Granted	10/060598	1/30/2002	6689014	2/10/2004	Improved Park Position Locking System For Automatic Transmission Shifter
International Truck Intellectual Property Company, LLC	Granted	10/074915	2/11/2002	6666291	12/23/2003	Hood Latch and Vehicle Mounting
International Truck Intellectual Property Company, LLC	Granted	10/074203	2/12/2002	6810982	11/2/2004	Light Axle Control
International Truck Intellectual Property Company, LLC	Granted	10/074196	2/12/2002	6768221	7/12/2004	Electrical Load Management in Conjunction with Idle Shutdown
International Truck Intellectual Property Company, LLC	Granted	10/079738	2/21/2002	6827141	12/7/2004	Vehicle Heating and Air Conditioning Modules
International Truck Intellectual Property Company, LLC	Granted	10/086083	2/22/2002	6697737	2/24/2004	Method and System for Controlling a Drivetrain Retarder in Combined with D4825 & D5149
International Truck Intellectual Property Company, LLC	Granted	10/102138	3/6/2002	6764207	7/20/2004	Mirror Head Assembly
International Truck Intellectual Property Company, LLC	Granted	10/116303	4/4/2002	6540038	4/1/2003	Vehicle Cab Suspension System
International Truck Intellectual Property Company, LLC	Granted	10/137961	5/3/2002	6791455	9/14/2004	Vandal-Lock / Starter-Interlock
International Truck Intellectual Property Company, LLC	Granted	10/141467	5/8/2002	6578905	6/17/2003	Vehicle Sleeper Compartment Bunk Bed Ladder
International Truck Intellectual Property Company, LLC	Granted	10/146777	5/16/2002	6568512	5/27/2003	Corrosion Resistant Cast-In Insert Exterier Ring

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U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	10/178382	6/24/2002	6796393	9/28/2004	Hood Locating Isolator
International Truck Intellectual Property Company, LLC	Granted	10/180644	6/26/2002	6729442	5/4/2004	Wheel Hub Magnetic Filter For Lubricating Fluids
International Truck Intellectual Property Company, LLC	Granted	10/184721	6/28/2002	6513368	2/4/2003	Method of Monitoring Engine Lubricant Condition
International Truck Intellectual Property Company, LLC	Granted	10/202264	7/24/2002	6719116	4/13/2004	Air Assisted Vehicle Clutch Linkage
International Truck Intellectual Property Company, LLC	Granted	10/212412	8/5/2002	6792650	9/21/2004	High Retention Force Anti Lock Brake Sensor Clip
International Truck Intellectual Property Company, LLC	Granted	10/212413	8/5/2002	6799562	10/5/2004	SYSTEM AND METHOD FOR BALANCING FUEL LEVELS IN MULTIPLE FUEL TANK VEHICLES(Combined with D5096)
International Truck Intellectual Property Company, LLC	Granted	10/212941	8/6/2002	6583312	7/1/2003	Tractor-Trailer Gap Treatment
International Truck Intellectual Property Company, LLC	Granted	10/233949	9/3/2002	6834740	12/28/2004	Vehicle Entrance-Door Safety-System
International Truck Intellectual Property Company, LLC	Granted	10/254278	9/23/2002	6733026	5/4/2004	Park-Brake Monitoring-System For A Vehicle
International Truck Intellectual Property Company, LLC	Granted	10/269465	10/11/2002	6843782	1/25/2005	Multiple Tank Circulating Fuel System
International Truck Intellectual Property Company, LLC	Granted	10/271212	10/15/2002	6779636	8/24/2004	Park-Brake Monitoring-System For A Vehicle
International Truck Intellectual Property Company, LLC	Granted	10/279683	10/24/2002	6720272	4/27/2004	Truck Cab Suspension System
International Truck Intellectual Property Company, LLC	Granted	10/282563	10/29/2002	6857647	2/27/2005	Vehicle Suspension System
International Truck Intellectual Property Company, LLC	Granted	10/282576	10/29/2002	6942375	9/13/2005	Vehicle Accessory Power Arrangement
International Truck Intellectual Property Company, LLC	Granted	10/284465	10/30/2002	6918456	7/19/2005	Fluid Inlet Grille With Aerodynamic Grill Bars
International Truck Intellectual Property Company, LLC	Granted	10/286075	11/1/2002	7178817	2/20/2007	TRAILING ARM SUSPENSION SYSTEM
International Truck Intellectual Property Company, LLC	Granted	10/293360	11/15/2002	6920779	7/26/2005	Method Of Estimating Engine Lubricant Condition
International Truck Intellectual Property Company, LLC	Granted	10/303239	11/22/2002	6849011	2/1/2005	Engine Endless Drive Belt Tensioner And Tensioner Position Indicator
International Truck Intellectual Property Company, LLC	Granted	10/305313	11/26/2002	6868928	3/22/2005	Fluid Centrifugal Combined with D5193)
International Truck Intellectual Property Company, LLC	Granted	10/322009	12/17/2002	6692032	2/17/2004	Cab Body Mounting Having A Load Sharing Feature For Limiting Shearing Stress In A Fastener Of The nM
International Truck Intellectual Property Company, LLC	Granted	10/342937	1/15/2003	6671594	12/30/2003	Automated Vehicle Inspection System
International Truck Intellectual Property Company, LLC	Granted	10/346997	1/17/2003	6888934	5/3/2005	Vehicle Intercom System
International Truck Intellectual Property Company, LLC	Granted	10/358641	2/4/2003	6829892	12/14/2004	Engine Exhaust System Pneumatic Pump
International Truck Intellectual Property Company, LLC	Granted	10/389190	3/15/2003	6803530	10/12/2004	System And Method For Vehicle Axle Load Measurement With Hysteresis Compensation And Acceleration Fi
International Truck Intellectual Property Company, LLC	Granted	10/408305	4/7/2003	6836718	12/28/2004	Vehicle With Engine Idle-Management System
International Truck Intellectual Property Company, LLC	Granted	10/408712	4/7/2003	6933474	8/30/2005	Compressed Air Actuated Clutch Interlock For Clutched Power Take Off Unit
International Truck Intellectual Property Company, LLC	Granted	10/350760	4/21/2003	6844597	4/5/2005	Vehicle Sleeper Compartment Bunk Bed Ladder
International Truck Intellectual Property Company, LLC	Granted	10/427811	5/1/2003	7231939	6/19/2007	Vehicle Energy Management System
International Truck Intellectual Property Company, LLC	Granted	10/431896	5/8/2003	6907371	6/14/2005	Fuel-Level-Detection System, Calibration Method, and Calibration System
International Truck Intellectual Property Company, LLC	Granted	10/439089	5/15/2003	6928358	8/9/2005	PTO-logic-Configuration System
International Truck Intellectual Property Company, LLC	Granted	10/445679	5/27/2003	6809806	10/26/2004	Apparatus And Method For Verifying The Beam Axis Of Front-Looking Land Vehicle Transceiver Antenna
International Truck Intellectual Property Company, LLC	Granted	10/465042	6/19/2003	6848735	2/1/2005	FLUSH ENTRY STEP COVER (STEPWELL COVER APPARATUS)
International Truck Intellectual Property Company, LLC	Granted	10/611005	7/1/2003	6836094	12/28/2004	Motor Vehicle Battery Disconnect Switch Circuits
International Truck Intellectual Property Company, LLC	Granted	10/624666	7/22/2003	6896609	5/24/2005	Driver/Entry Ventilation System For A Bus
International Truck Intellectual Property Company, LLC	Granted	10/625379	7/23/2003	6841895	1/11/2005	Configurable Switch Array
International Truck Intellectual Property Company, LLC	Granted	10/650651	7/30/2003	6894488	5/17/2005	Direct Current Motor Condition Monitoring And Exercising System
International Truck Intellectual Property Company, LLC	Granted	10/644213	8/20/2003	6909363	6/21/2005	Circuit For Adapting A Receptacle Socket In A Towing Vehicle For Diverse Trailer Circuits
International Truck Intellectual Property Company, LLC	Granted	10/659625	9/10/2003	6963796	11/8/2005	Modularized Power Take-Off Systems For Vehicles
International Truck Intellectual Property Company, LLC	Granted	10/671092	9/25/2003	6929104	8/16/2005	Vertically Oriented Dual Circuit Pilot Master Cylinder
International Truck Intellectual Property Company, LLC	Granted	10/687163	10/16/2003	6955162	10/18/2005	Internal Exhaustion Engine With Pressure Boosted Exhaust Gas Recirculation
International Truck Intellectual Property Company, LLC	Granted	10/690752	10/22/2003	6789519	9/14/2004	Remote Engine Stop/Start System With Backup Motor Control(nin(Originally Combined With D5339)
International Truck Intellectual Property Company, LLC	Granted	10/691235	10/22/2003	7044504	5/16/2006	Sub-Assembly Mounting System
International Truck Intellectual Property Company, LLC	Granted	10/692947	10/24/2003	7163258	11/6/2007	Sliding Chassis Skirt
International Truck Intellectual Property Company, LLC	Granted	10/701970	11/5/2003	6928351	8/9/2005	Steering Wheel Mounted Warning/Cross-Over Lights Switches
International Truck Intellectual Property Company, LLC	Granted	10/755634	1/12/2004	6899376	5/31/2005	One Piece A-Pillar Air Deflector And Windshield Molding
International Truck Intellectual Property Company, LLC	Granted	10/755689	1/12/2004	6917193	7/12/2005	Distance Tolerant Leadless Current Sensor
International Truck Intellectual Property Company, LLC	Granted	10/759685	1/16/2004	6933680	8/30/2005	Vehicle Sleeper Panel Design
International Truck Intellectual Property Company, LLC	Granted	10/771059	2/3/2004	6922997	8/2/2005	Engine Based Kinetic Energy Recovery System For Vehicles
International Truck Intellectual Property Company, LLC	Granted	10/785815	2/24/2004	7351105	4/8/2008	School Bus Passenger Seat With Integrated Restraints
International Truck Intellectual Property Company, LLC	Granted	10/798660	3/11/2004	6962195	11/8/2005	Vehicle Heating And Air Conditioning Modules
International Truck Intellectual Property Company, LLC	Granted	10/807033	3/22/2004	7165639	1/23/2007	Integrated Hydraulic System For Motor Vehicles
International Truck Intellectual Property Company, LLC	Granted	10/811939	3/31/2004	7089815	8/15/2006	Air Brake System Characterization by Self-Learning Algorithm
International Truck Intellectual Property Company, LLC	Granted	10/862836	6/7/2004	7363127	4/22/2008	Air Brake System Monitoring For Pre-Trip Inspection

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# U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	10/891922	7/15/2004	7139653	11/21/2006	Common Control Interface For Diverse Automated Manual Transmissions
International Truck Intellectual Property Company, LLC	Granted	10/913829	8/5/2004	7017531	3/28/2006	Vehicle Intercool System
International Truck Intellectual Property Company, LLC	Granted	10/918782	8/13/2004	7131633	11/7/2006	Manually Controlled Replacement Solenoid For Hydraulic Valves
International Truck Intellectual Property Company, LLC	Granted	10/92051	8/19/2004	7200543	4/3/2007	Method For Fault Analysis Using Simulation
International Truck Intellectual Property Company, LLC	Granted	10/924518	8/24/2004	6950740	9/27/2005	System And Method Of Fuel Map Selection
International Truck Intellectual Property Company, LLC	Granted	10/929996	8/30/2004	7165515	1/23/2007	Engine Cooling Fan Shroud
International Truck Intellectual Property Company, LLC	Granted	10/930007	9/23/2004	7429804	9/30/2008	Lift Gate Power, Control System
International Truck Intellectual Property Company, LLC	Granted	10/931026	9/29/2004	7263417	8/28/2007	User Adaptable Automated Pre-Trip Inspection
International Truck Intellectual Property Company, LLC	Granted	10/960665	10/7/2004	7703570	4/27/2010	Steering Wheel Mounting For Transmission Shift Controls
International Truck Intellectual Property Company, LLC	Granted	10/963398	10/11/2004	7165657	1/23/2007	Thin Film Sensor For Brake Lining Pad Wear And Brake Temperature Sensing
International Truck Intellectual Property Company, LLC	Granted	10/974638	10/27/2004	7055543	6/6/2006	Solenoid Actuated Control For Fuel Distribution In A Dual Fuel Tank Vehicle
International Truck Intellectual Property Company, LLC	Granted	10/974350	10/27/2004	7168415	1/30/2007	Electronically Controlled Selective Valve System For Fuel Level Balancing And Isolation Of Dual Fuel
International Truck Intellectual Property Company, LLC	Granted	10/985465	11/07/2004	7163092	1/16/2007	Clutch Linkage With Vibration Isolation And Damping
International Truck Intellectual Property Company, LLC	Granted	11/000877	12/1/2004	7188011	3/6/2007	AUTOMATED BRAKING-ENHANCED STEERING SYSTEM
International Truck Intellectual Property Company, LLC	Granted	11/014341	12/16/2004	7349772	3/25/2008	Vehicle Integrated Radio Remote Control
International Truck Intellectual Property Company, LLC	Granted	11/016976	12/20/2004	7244003	7/17/2007	Vehicle Onboard Brake Pad / Lining Wear Estimators With Temperature Estimations
International Truck Intellectual Property Company, LLC	Granted	11/046352	1/28/2005	7222867	5/29/2007	Automated Control System For A Vehicle Lift Axle
International Truck Intellectual Property Company, LLC	Granted	11/048398	2/1/2005	7106068	9/12/2006	Exterior Lamp Check For Motor Vehicles
International Truck Intellectual Property Company, LLC	Granted	11/050961	2/4/2005	7059675	6/13/2006	Motion Controlling Plate For Seat And Seat System For A Mobile Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/051930	2/4/2005	7392652	7/1/2008	System And Method For Diesel Particulate Trap Regeneration In A Motor Vehicle With An Auxiliary Power
International Truck Intellectual Property Company, LLC	Granted	11/051925	2/4/2005	7416038	8/26/2008	Tubular Hinge Bar
International Truck Intellectual Property Company, LLC	Granted	11/051054	2/5/2005	7268693	9/11/2007	Towed Vehicle Lighting Module
International Truck Intellectual Property Company, LLC	Granted	11/053103	2/8/2005	6953223	10/11/2005	Energy Absorbing Seal And Seat System For A Mobile Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/234853	2/14/2005	D511962	11/29/2005	RAMP BLOCK
International Truck Intellectual Property Company, LLC	Granted	11/061568	2/17/2005	7377590	5/27/2008	School Bus Passenger Seat With Energy Absorbing Occupant Restraint
International Truck Intellectual Property Company, LLC	Granted	11/061050	2/17/2005	7055901	6/6/2006	School Bus Passenger Seat With Integrated Restraints w/Combined with D5589
International Truck Intellectual Property Company, LLC	Granted	11/073392	3/3/2005	7549499	6/23/2009	Multi-Piece Roof With Reinforcement
International Truck Intellectual Property Company, LLC	Granted	11/079817	3/14/2005	7158014	1/2/2007	Hydraulic Hybrid Four-Wheel Drive
International Truck Intellectual Property Company, LLC	Granted	11/080185	3/15/2005	7430464	9/30/2008	Dynamic Vehicle Electrical System Test
International Truck Intellectual Property Company, LLC	Granted	11/080185	3/15/2005	7236090	6/26/2007	Automated Sequencing Of Operations In A Motor Vehicle Upon Stopping At A Railroad Crossing
International Truck Intellectual Property Company, LLC	Granted	11/109116	4/18/2005	7216941	5/15/2007	Parking Brake Lock-In Key Switch System With Automatic Application For A Vehicle With An Air Brake S
International Truck Intellectual Property Company, LLC	Granted	11/121508	5/3/2005	7421323	9/2/2008	Automated Vehicle Battery Protection With Programmable Load Shedding And Engine Speed Control
International Truck Intellectual Property Company, LLC	Granted	11/124596	5/6/2005	7036870	5/2/2006	Modular Bus Body Assembly
International Truck Intellectual Property Company, LLC	Granted	11/128694	5/17/2005	7309103	12/18/2007	Vehicle Passenger Seat With Tear-Away Upholstery Cover
International Truck Intellectual Property Company, LLC	Granted	29/233102	6/16/2005	D522427	6/6/2006	Bumper Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/233102	6/16/2005	D522427	6/6/2006	Modesty Panel Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/233179	6/28/2005	D514995	2/14/2006	Air Deflector Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/195259	8/1/2005	7064815	1/19/2010	Instrument Panel Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/205387	8/17/2005	7394352	7/1/2008	Vehicle Control Network Integrated Theft Deterrent Systemw/Combined w/D5607
International Truck Intellectual Property Company, LLC	Granted	11/211392	8/25/2005	7216552	5/15/2007	Air Brake System Prognostics And Diagnostics
International Truck Intellectual Property Company, LLC	Granted	11/214137	8/25/2005	7793856	9/14/2010	No-Idle Heating Of A Motor Vehicle Interior And Engine Pre-Heat Using Engine Coolant
International Truck Intellectual Property Company, LLC	Granted	11/220435	9/7/2005	7487862	2/10/2009	Snag In ABS Exciter Ring
International Truck Intellectual Property Company, LLC	Granted	11/238220	9/28/2005	7488478	12/2/2008	The Pressure Monitoring System With Permanent Tire Identification
International Truck Intellectual Property Company, LLC	Granted	11/246351	10/7/2005	7438207	12/2/2008	Diesel Vehicle Exhaust Aftertreatment Apparatus And Method
International Truck Intellectual Property Company, LLC	Granted	11/248058	10/11/2005	7430491	9/30/2008	Tractor-Trailer Having Self-Contained Apparatus On-Board Tractor For Estimating Trailer Weight
International Truck Intellectual Property Company, LLC	Granted	29/240100	10/11/2005	D537761	3/6/2007	Hood Of A Bus Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/249010	10/12/2005	7640967	1/5/2010	Thermosiphon Heat Reduction System For A Motor Vehicle Engine Compartment
International Truck Intellectual Property Company, LLC	Granted	11/289011	11/29/2005	7397349	7/8/2008	System For Automatic Activation And Cancellation Of Hazard Lights On A Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/246099	12/13/2005	D525933	8/1/2006	Lower Console Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/301497	12/13/2005	7281595	10/16/2007	System For Integrating Body Equipment With A Vehicle Hybrid Powertrain

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# U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	11/538946	1/10/2006	7357829	4/15/2008	Diesel Particulate Filter Cleaning Device And Method
International Truck Intellectual Property Company, LLC	Granted	11/539127	1/11/2006	7611134	11/3/2009	Pneumatic Vehicle Stabilization System
International Truck Intellectual Property Company, LLC	Granted	11/539165	1/25/2006	7168111	1/30/2007	Jackknife Bed And Couch For Mobile Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/253443	2/7/2006	D540274	4/10/2007	Front Bumper Valence Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/539433	1/22/2006	7458417	12/2/2008	Vehicle Energy Management System
International Truck Intellectual Property Company, LLC	Granted	11/564520	2/28/2006	7559391	7/14/2009	Engine Compartment Temperature Sensitive Louvers
International Truck Intellectual Property Company, LLC	Granted	11/569783	3/7/2006	7536635	5/19/2009	Method And Device For A Protective Cooling System For A Motor Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/258667	3/13/2006	D356661	12/4/2007	Rear Roll Pan Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/584102	3/17/2006	7644643	1/12/2010	Escutcheon For Making A Steering Wheel Spoke Appear Symmetric About A Vertical Plane Through The Stee
International Truck Intellectual Property Company, LLC	Granted	11/584081	3/17/2006	7237830	7/3/2007	Leaf Spring Truck Cab Suspension
International Truck Intellectual Property Company, LLC	Granted	29/256262	3/17/2006	D556654	12/4/2007	Hood Top And Fender Assembly Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/596877	4/3/2006	7533917	5/19/2009	Integrated Kitchen Unit For A Mobile Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/599213	4/6/2006	7498772	3/3/2009	Method And System Of Modeling Energy Flow For Vehicle Battery... Diagnostic Monitoring
International Truck Intellectual Property Company, LLC	Granted	11/580679	4/28/2006	7428729	9/30/2008	Endplay Measurement Tool And Method
International Truck Intellectual Property Company, LLC	Granted	11/582103	5/8/2006	7296402	11/20/2007	Diesel Particulate Filter Service Method
International Truck Intellectual Property Company, LLC	Granted	11/582566	5/10/2006	7537365	5/26/2009	Glare Reducing Enhancements For Vehicle Exterior Lighting Systems in(Combined with D57777)
International Truck Intellectual Property Company, LLC	Granted	11/424913	6/19/2006	7536853	11/3/2009	Heating System For A Vehicle Having An Exhaust System
International Truck Intellectual Property Company, LLC	Granted	11/426493	6/26/2006	7611197	11/3/2009	OCCUPANT RESTRAINT PASSENGER SEAT ASSEMBLY WITH LOAD-SENSING ENERGY ABSORPTION FEATURE
International Truck Intellectual Property Company, LLC	Granted	11/426476	6/26/2006	7553102	6/30/2009	Self-Centering Clamp Block
International Truck Intellectual Property Company, LLC	Granted	11/428069	6/30/2006	7533600	5/19/2009	Armor Assembly For A Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/428666	7/5/2006	7717497	5/18/2010	Intake Heater For HVAC Fresh Air Intake in(Combined w/D5574)
International Truck Intellectual Property Company, LLC	Granted	11/460284	7/27/2006	7793498	9/14/2010	Integrated Charge Air Cooler And Exhaust Gas Recirculation Mixer
International Truck Intellectual Property Company, LLC	Granted	11/460275	7/27/2006	7648187	1/19/2010	Vehicle Floor Covering System
International Truck Intellectual Property Company, LLC	Granted	11/460765	7/28/2006	7516806	4/14/2009	System And Method For Heat Removal From Confined Spaces In A Motor Vehicle Using Natural Aspiration
International Truck Intellectual Property Company, LLC	Granted	11/464881	8/16/2006	7533347	5/19/2009	Automated Synchronized Service Intervals For Vehicles
International Truck Intellectual Property Company, LLC	Granted	11/464957	8/16/2006	7234730	6/26/2007	Tailgate with Integrated and Extended Steps for a Vehicle Having a Cargo Bed
International Truck Intellectual Property Company, LLC	Granted	29/248628	8/24/2006	D556467	12/4/2007	The Crescent Couch and Bunk System (Design)
International Truck Intellectual Property Company, LLC	Granted	11/536959	9/29/2006	7612534	11/3/2009	Motor Vehicle Battery Disconnect Circuit Having Electronic Disconnects
International Truck Intellectual Property Company, LLC	Granted	11/537277	9/29/2006	7719197	12/8/2009	Self-Aligning Fixed Grille
International Truck Intellectual Property Company, LLC	Granted	11/537225	9/29/2006	7308788	12/18/2007	Engine And Method For Counteracting Race Plugging Of A Diesel Oxidation Catalyst
International Truck Intellectual Property Company, LLC	Granted	11/537009	9/29/2006	7641012	5/18/2010	Finite State Machine Vehicle Headlight Controller
International Truck Intellectual Property Company, LLC	Granted	11/537203	9/29/2006	7641012	5/18/2010	Module-Locating Fastener And Method Of Mounting A Module On A Vehicle Chassis
International Truck Intellectual Property Company, LLC	Granted	11/548542	10/11/2006	7355347	4/8/2008	Auxiliary Lighting System For Vehicles
International Truck Intellectual Property Company, LLC	Granted	11/551279	10/20/2006	7589471	9/15/2009	System For Pre-Indication Of Motor Vehicle Hid Lamp Failure in
International Truck Intellectual Property Company, LLC	Granted	11/551475	10/20/2006	7716922	5/18/2010	Diesel Particulate Filter In-Chassis Cleaning Method And Apparatus
International Truck Intellectual Property Company, LLC	Granted	11/551431	10/20/2006	7685815	3/30/2010	System And Method For Driver-Initiated Regeneration Of A Diesel Particulate Filter While A Motor Veh
International Truck Intellectual Property Company, LLC	Granted	29/267894	10/24/2006	D557186	12/11/2007	Hood Top Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/267892	10/24/2006	D564427	3/18/2008	Hood Side Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/267866	10/24/2006	D566015	4/8/2008	Left Hand Grille Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/267891	10/24/2006	D557183	12/11/2007	Right Hand Grille Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/267893	10/24/2006	D556649	12/4/2007	Front Bumper Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/267867	10/24/2006	D566009	4/8/2008	Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/557628	11/8/2006	7350485	4/1/2008	Engine Cooling Fan Shroud
International Truck Intellectual Property Company, LLC	Granted	11/557730	11/8/2006	7378946	5/27/2008	Post-Trip Bus Inspection Alert System
International Truck Intellectual Property Company, LLC	Granted	11/557708	11/8/2006	7497718	3/3/2009	Routing Clip Elements with a Living Hinge and Interlocking Closure
International Truck Intellectual Property Company, LLC	Granted	11/557682	11/8/2006	7557682	7/14/2009	Vehicle Electrification using a Clutched Vibration Damper
International Truck Intellectual Property Company, LLC	Granted	11/558745	11/10/2006	8117747	2/21/2012	Motor Vehicle Writing Harness Having A Grommet Between Occupant And Engine Compartments
International Truck Intellectual Property Company, LLC	Granted	11/558772	11/10/2006	7455138	11/25/2008	Integrated Hydraulic System For Motor Vehicles
International Truck Intellectual Property Company, LLC	Granted	11/614124	12/31/2006	8056327	11/15/2011	Micro-Venturi Exhaust Cooling Device
International Truck Intellectual Property Company, LLC	Granted	11/621264	1/9/2007	7497524	3/3/2009	System For Signaling Potential Unintended Application Of Park Air Brake In A Vehicle Having A Lift P
International Truck Intellectual Property Company, LLC	Granted	11/621355	2/9/2007	7374229	5/20/2008	Adjustable Cab Extender
International Truck Intellectual Property Company, LLC	Granted	11/629412	2/27/2007	7393492	9/14/2010	Diesel Engine Exhaust After-Treatment Operator Interface Algorithm
International Truck Intellectual Property Company, LLC	Granted	11/688299	3/20/2007	7578546	8/25/2009	Removable Chassis Skirt in(Combined with D5990

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# U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	11/695651	4/3/2007	7731443	6/8/2010	Mounting System For Modular Frame Components
International Truck Intellectual Property Company, LLC	Granted	11/734552	4/12/2007	7653448	1/26/2010	Vehicle Battery State Of Charge Indicator **Related to D6023 - per JPC**
International Truck Intellectual Property Company, LLC	Granted	11/742166	4/30/2007	7640823	1/5/2010	Integrated Automatic Manual Transmission Lever-Type Shift Selector
International Truck Intellectual Property Company, LLC	Granted	11/742119	4/30/2007	7706938	4/27/2010	Automated Synchronized Service Intervals For Vehicles
International Truck Intellectual Property Company, LLC	Granted	11/741958	4/30/2007	7651133	1/26/2010	Frame Extender
International Truck Intellectual Property Company, LLC	Granted	11/743693	5/3/2007	7789129	9/7/2010	A Method Of Compression Molding Motor Vehicle Components And Parts Made Therefrom
International Truck Intellectual Property Company, LLC	Granted	11/750544	5/18/2007	7614475	11/10/2009	Longitudinal Stringer Exhaust Flex Pipe Assembly
International Truck Intellectual Property Company, LLC	Granted	11/750481	5/18/2007	7721556	5/25/2010	Particulate Filter Having Expandable Capture Structure For Particulate Removal
International Truck Intellectual Property Company, LLC	Granted	11/750581	5/18/2007	7793495	9/14/2010	Exhaust Gas Temperature Reduction
International Truck Intellectual Property Company, LLC	Granted	11/759002	5/31/2007	7582141	9/1/2009	Diesel Particulate Filter Puls-Cleaner Flow Director System And Method
International Truck Intellectual Property Company, LLC	Granted	11/879308	7/17/2007	7690719	4/6/2010	ARTICULATING INTERLOCKING STRUCTURAL EXTRUSIONS FOR RECREATIONAL VEHICLES AND THE LIKE
International Truck Intellectual Property Company, LLC	Granted	11/832022	8/1/2007	7823933	11/2/2010	Rotating Disk Actuation System For Vehicle Door Latches
International Truck Intellectual Property Company, LLC	Granted	11/837798	8/13/2007	7641018	1/5/2010	Control Strategy For DC Emergency Direct Current Motor For An Emergency Hydraulic Pump
International Truck Intellectual Property Company, LLC	Granted	11/837698	8/13/2007	7767031	8/3/2010	Diesel Particulate Filter Cleaning Apparatus And Method
International Truck Intellectual Property Company, LLC	Granted	29/295015	9/20/2007	DS79843	11/4/2008	Chassis Skirt System Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/863537	9/28/2007	7987666	8/2/2011	A Cooling Apparatus For Exhaust Gas Temperature Control Devices
International Truck Intellectual Property Company, LLC	Granted	11/867755	10/8/2007	8046168	10/25/2011	System And Method For Determining Position Within Or Without A Complex Polygon Geofence
International Truck Intellectual Property Company, LLC	Granted	11/974083	10/12/2007	7628012	12/8/2009	Exhaust Temperature Reduction Device For Aftertreatment Devices
International Truck Intellectual Property Company, LLC	Granted	11/872250	10/15/2007	7956732	6/7/2011	VEHICLE HAZARD FLASHER CONTROL SYSTEM
International Truck Intellectual Property Company, LLC	Granted	11/873026	10/16/2007	7593932	7/14/2009	Electric Cable Organizer For A Battery Box In An Automotive Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/296220	10/16/2007	DS615472	5/1/2010	Fender Extension Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/877344	10/23/2007	7458861	12/2/2008	Keyed/Anti-Rotation Grounding Bus Bar
International Truck Intellectual Property Company, LLC	Granted	29/296555	10/23/2007	DS62371	8/24/2010	Air Cleaner Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/296551	10/23/2007	DS92324	5/12/2009	Headlight Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/296550	10/23/2007	DS71029	6/10/2008	Air Cleaner/Light Bar Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/938499	11/22/2007	7789102	9/7/2010	A Child Restraint Lower Anchorage For A Motor Vehicle Seat/under JPC on 11/14/07 - we may want to le
International Truck Intellectual Property Company, LLC	Granted	11/947213	11/29/2007	7689341	3/30/2010	Prioritized Receipt/Of Energy During Deceleration Of A Dual-Hybrid Motor Vehicle
International Truck Intellectual Property Company, LLC	Granted	11/949108	12/3/2007	7614387	11/10/2009	Automated No-Idle Heating And Engine Pre-Heat Using Engine Coolant
International Truck Intellectual Property Company, LLC	Granted	11/949113	12/3/2007	7703824	4/27/2010	In-Cab Refrigerator Mounting And Method
International Truck Intellectual Property Company, LLC	Granted	11/952751	12/7/2007	7717441	5/18/2010	Suspension Mounting Crossmember With Integrated Cab Mounts For Vehicle Having Front Multilink Suspen
International Truck Intellectual Property Company, LLC	Granted	11/956513	12/14/2007	7926604	4/19/2011	Electrical Harness Clipping Bar For Aftertreatment Device
International Truck Intellectual Property Company, LLC	Granted	29/296546	2/1/2008	DS92561	5/19/2009	Grille Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	12/046115	3/11/2008	7819454	10/26/2010	Cabinet Cleat(Combined w/D5920)
International Truck Intellectual Property Company, LLC	Granted	12/054551	3/25/2008	7771500	8/10/2010	Transit Bus Intake Air Management Box
International Truck Intellectual Property Company, LLC	Granted	29/305597	3/25/2008	DS85812	2/3/2009	Above Airline Storage Unit Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	12/054542	3/25/2008	7904217	3/8/2011	Battery Pack Management Strategy In A Hybrid Electric Motor Vehicle
International Truck Intellectual Property Company, LLC	Granted	12/054541	3/25/2008	7641289	1/5/2010	Drive Away Axle Assembly
International Truck Intellectual Property Company, LLC	Granted	12/055382	3/26/2008	7788991	9/7/2010	Brake System Development Tool Having A Mechanism For Setting Different Pedal Ratios
International Truck Intellectual Property Company, LLC	Granted	12/057018	3/27/2008	7703315	4/27/2010	Electrical System Testing Using A Wireless-Controlled Load Bank
International Truck Intellectual Property Company, LLC	Granted	12/056936	3/27/2008	7780198	8/24/2010	Independently Adjustable Chassis Skirt Mounting Assembly
International Truck Intellectual Property Company, LLC	Granted	12/060295	4/1/2008	8118186	2/21/2012	Torque Limiting Cap For Air Conditioning Service Ports
International Truck Intellectual Property Company, LLC	Granted	12/060955	4/2/2008	7559575	7/14/2009	School Bus Crossing Gate And System For Automatic Activation
International Truck Intellectual Property Company, LLC	Granted	12/060962	4/2/2008	8202356	7/17/2012	Anti-Separation Device For Use With IsolatorIn
International Truck Intellectual Property Company, LLC	Granted	12/100763	4/10/2008	8096107	1/17/2012	Vehicle Energy Management System
International Truck Intellectual Property Company, LLC	Granted	12/602796	6/26/2008	8169104	5/1/2012	CONTROL SYSTEM FOR A BATTERY POWERED VEHICLE
International Truck Intellectual Property Company, LLC	Granted	12/185421	8/4/2008	7789189	9/7/2010	Transmission Mount Assembly
International Truck Intellectual Property Company, LLC	Granted	12/188845	8/8/2008	8020676	9/20/2011	Tone Ring For An Anti-Lock Brake System
International Truck Intellectual Property Company, LLC	Granted	12/188761	8/8/2008	8118005	2/21/2012	Auxiliary Power Units For Vehicles
International Truck Intellectual Property Company, LLC	Granted	12/211137	9/16/2008	8024118	9/20/2011	Engine Idle Control Using GPS Telematics
International Truck Intellectual Property Company, LLC	Granted	12/239885	9/29/2008	8103395	1/24/2012	Hybrid Electric Vehicle Traction Motor Driven Power Take-Off Control System
International Truck Intellectual Property Company, LLC	Granted	12/269929	11/13/2008	8011465	9/6/2011	AIR INTAKE PL ENINM FOR AIR INDUCTION CHANNEL
International Truck Intellectual Property Company, LLC	Granted	12/185407	11/14/2008	8060287	11/15/2011	SEEVICE BRAKE CONTROL SYSTEM FOR OPTIMIZED REGENERATIVE BRAKING OF MEDIUM OR HEAVY TRUCKSIn
International Truck Intellectual Property Company, LLC	Granted	12/166289	2/5/2009	8123281	2/28/2012	PROACTIVE AEROYNAMIC TRUCK TRAILER SHROUD

PATENT

REEL: 044416 FRAME: 0911

# U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
International Truck Intellectual Property Company, LLC	Granted	12/410723	3/25/2009	8061735	11/22/2011	A VEHICLE WITH A PROTECTIVE PANEL
International Truck Intellectual Property Company, LLC	Granted	12/423359	4/14/2009	7821439	10/26/2010	Programmable CAN Bus To Analogue Signal Converter
International Truck Intellectual Property Company, LLC	Granted	12/431205	4/28/2009	8096620	1/17/2012	Injection Molded Seat Riser for Modular School Bus Seats
International Truck Intellectual Property Company, LLC	Granted	12/490581	6/24/2009	8146948	4/3/2012	Structural Air Tank Cross Member
International Truck Intellectual Property Company, LLC	Granted	12/496815	7/21/2009	7918475	4/5/2011	Quick Disconnect Hitch
International Truck Intellectual Property Company, LLC	Granted	12/501868	7/13/2009	8096603	1/17/2012	Pneumatic Door Assist System with Lock
International Truck Intellectual Property Company, LLC	Granted	12/503094	7/15/2009	8196726	6/12/2012	INTERACTIVE PARASITIC DEVICES FOR ENGINE PERFORMANCE IMPROVEMENT
International Truck Intellectual Property Company, LLC	Granted	12/503146	7/15/2009	8038821	10/18/2011	Unpadding A Pass-Through For An Occupant Compartment - Engine Compartment Ground Block
International Truck Intellectual Property Company, LLC	Granted	12/504990	7/17/2009	8057138	11/15/2011	Stackable Armored Vehicle
International Truck Intellectual Property Company, LLC	Granted	12/506472	7/21/2009	7980574	7/19/2011	TORQUE ROD BRACKET ASSEMBLY
International Truck Intellectual Property Company, LLC	Granted	12/506378	7/21/2009	8146559	4/3/2012	Vehicle Hybridization System
International Truck Intellectual Property Company, LLC	Granted	12/506382	7/21/2009	8196943	6/12/2012	OVAL AXLE HOUSING AND CLAMP ASSEMBLY With D6557 is combined into this main file D6486)
International Truck Intellectual Property Company, LLC	Granted	12/507359	7/23/2009	8120476	2/21/2012	DIGITAL CAMERA REAR-VIEW SYSTEM
International Truck Intellectual Property Company, LLC	Granted	12/508077	7/23/2009	8026632	9/27/2011	SYSTEM AND METHOD FOR EXPORTING VEHICLE ON-BOARD AC POWER TO A SECOND VEHICLE
International Truck Intellectual Property Company, LLC	Granted	12/508034	7/23/2009	8020914	9/20/2011	ROOF PANEL WITH INSERT
International Truck Intellectual Property Company, LLC	Granted	12/509927	7/27/2009	8196958	6/12/2012	ROOF PANEL WITH INSERT
International Truck Intellectual Property Company, LLC	Granted	12/511156	7/29/2009	8056661	11/15/2011	Motor Vehicle With System For Conditioning Power Take-Off Enablement On An Engine Compartment Being
International Truck Intellectual Property Company, LLC	Granted	12/565861	9/24/2009	7821227	10/26/2010	Motor Vehicle Battery Disconnected Circuit Having Electronic Disconnects
International Truck Intellectual Property Company, LLC	Granted	12/604813	10/23/2009	7789182	9/7/2010	Air Power Energy Transformation to Electrical Energy for Hybrid Electric Vehicle Applications
International Truck Intellectual Property Company, LLC	Granted	12/787526	5/26/2010	7819978	10/26/2010	Diesel Particulate Filter Cleaning Apparatus And Method
International Truck Intellectual Property Company, LLC	Granted	29/567773	8/12/2010	D653774	1/24/2012	Skirt Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/567777	8/12/2010	D637530	5/10/2011	Grill Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/567781	8/12/2010	D634246	3/15/2011	Bumper Of A Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/567783	8/12/2010	D634244	3/15/2011	Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/575609	9/24/2010	D642961	8/9/2011	Cab Body of a Step Van
International Truck Intellectual Property Company, LLC	Granted	12/960025	1/23/2010	8219273	7/10/2012	ENGINE STARTING CONTROL FOR HYBRID ELECTRIC POWER TRAINS
International Truck Intellectual Property Company, LLC	Granted	29/581279	1/28/2011	D645799	9/27/2011	Bumper of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/581285	1/28/2011	D641298	7/12/2011	Fender Extension of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/581286	1/28/2011	D645797	9/27/2011	Grille of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/581288	1/28/2011	D640826	6/28/2011	Headlight Bezel of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/584291	1/28/2011	D645801	9/27/2011	Hood of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/584294	1/28/2011	D645380	9/20/2011	Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/584952	2/7/2011	D653186	1/31/2012	Cowl Panel of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/586190	2/25/2011	D647012	10/18/2011	Aerodynamic Bumper of a Truck Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/590591	4/27/2011	D644972	9/13/2011	Fender Flare of a Truck Vehicle (WorkStar 113 SFA Eyebrow)
International Truck Intellectual Property Company, LLC	Granted	29/590592	4/27/2011	D644581	9/6/2011	Fender Flare of a Truck Vehicle (WorkStar 113 SFA Eyebrow)
International Truck Intellectual Property Company, LLC	Granted	29/596085	6/24/2011	D654837	2/28/2012	Instrument Panel of a Recreational Vehicle
International Truck Intellectual Property Company, LLC	Granted	29/597695	7/20/2011	D661011	5/29/2012	Headlight Bezel of a Recreational Vehicle (Monaco Vista)
International Truck Intellectual Property Company, LLC	Granted	29/597737	7/20/2011	D661012	5/29/2012	Headlight Bezel of a Recreational Vehicle (Holiday Rambler)
International Truck Intellectual Property Company, LLC	Granted	29/597826	7/21/2011	D656075	3/20/2012	Instrument Panel of a Recreational Vehicle (Monaco Vista) - includes D7037
International Truck Intellectual Property Company, LLC	Filed	13/018772	2/1/2011			Windshield Wiper With Scrubber Assembly
International Truck Intellectual Property Company, LLC	Granted	11/751110	5/21/2007	7818895	10/26/2010	Shoe For Professional Truckers
International Truck Intellectual Property Company, LLC	Granted	29/280198	5/21/2007	D603587	11/10/2009	Shoe
International Truck Intellectual Property Company, LLC	Granted	11/752078	5/22/2007	7870982	1/18/2011	Utility Shoulder Belt
International Truck Intellectual Property Company, LLC	Granted	29/280264	5/22/2007	D558448	1/1/2008	Utility Shoulder Belt
International Truck Intellectual Property Company, LLC	Granted	11/760061	6/8/2007	7705882	4/27/2010	Device And System For Enabling Families To Share In Long Haul Truckers' Travels
International Truck Intellectual Property Company, LLC	Granted	11/952735	12/7/2007	7775537	8/17/2010	Ingress/Egress Steps For A Highway Truck

PATENT

# U.S. Patents and Patent Applications

Current Owner	Status	Serial Number	Application Date	Patent Number	Issue Date	Title
Carnegie Mellon Univ.						
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	11/956511	12/14/2007	7789446	9/7/2010	Movable Storage Assembly For Motor Vehicles
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	11/958930	12/18/2007	7611183	11/3/2009	Passenger Seat Having Driver-Accessible Storage Modules
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	11/958882	12/18/2007	7614678	11/10/2009	Rotating Vehicle Console
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	11/958906	12/18/2007	7900312	3/8/2011	Windshield Wiper With Scrubber Assembly
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	11/959596	12/19/2007	7665492	2/23/2010	Fuel Nozzle Support Funnel
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	11/968451	1/2/2008	7588158	9/15/2009	Ergonomic Handle For Fuel Cap
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	12/46835	5/15/2009	8056978	11/15/2011	Convertible Seating Unit
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	12/47375	5/28/2009	8096599	1/17/2012	STOWABLE TABLE UNIT SYSTEM FOR A VEHICLE
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	12/47274	6/3/2009	8056952	11/15/2011	Nested Seating Unit
International Truck Intellectual Property Company, LLC / Carnegie Mellon Univ.	Granted	12/564625	9/22/2009	7819450	10/26/2010	Rotating Vehicle Console
International Truck Intellectual Property Company, LLC / CyberLeitrix	Granted	09/518857	3/3/2000	6426813	7/30/2002	Telemetry System and Method for EMI Susceptibility Testing of Motor Vehicles
International Truck Intellectual Property Company, LLC / Johnson Truck Bodies, Inc.	Filed	12/640152	12/17/2009			Cold Plate Refrigeration System Optimized For Energy Efficiency in/n
Navistar International Corporation	Granted	07/932432	8/19/1992	5241299	9/7/1993	Electronic Engine Control Module Incorporating Glow Plug and Glow Plug Lamp Control
Navistar International Corporation	Granted	07/941271	9/4/1992	5245970	9/24/1993	Printing Reservoir and Volume Compensation Device For Hydraulic Unit Injector Fuel System
Navistar International Corporation	Granted	08/128417	9/28/1993	5433267	7/18/1995	Firertruck Cooling System
Navistar International Corporation	Granted	08/243022	5/16/1994	5440880	8/15/1995	Diesel Engine EGR System with Exhaust/InGas Conditioning
Navistar International Corporation	Granted	08/551207	10/31/1995	5673940	10/7/1997	Fuel Tank Mounting Cage
Navistar, Inc.	Filed	12/569780	2/12/2009			Preparation method for a partially coated monolith
Navistar, Inc.	Filed	12/607155	10/28/2009			METHOD TO CHARACTERIZE AND CONTROL THE FLOW RATE OF A PULSE WIDTH MODULATING FUEL INJECTOR
Navistar, Inc.	Filed	12/762157	4/16/2010			Exhaust Cooling Module for SCR Catalysts
Navistar, Inc.	Granted	08/951992	10/16/1997	5928106	7/27/1999	Electro-Hydraulic Clutch Actuation System For Manual Transmission
Navistar, Inc.	Granted	09/774412	1/31/2001	6417668	7/9/2002	Vehicle Battery Condition Monitoring System
Navistar, Inc.	Granted	10/356838	2/3/2003	6709037	3/23/2004	Vehicle Accessory-Mounting Assembly
Navistar, Inc.	Granted	08/097957	7/27/1993	5405260	4/11/1995	PARTIAL COMBUSTION CATALYST OF PALLADIUM ON A ZIRCONIA SUPPORT AND A PROCESS FOR USING IT
Navistar, Inc.	Granted	08/205279	3/2/1994	5512250	4/30/1996	CATALYST STRUCTURE EMPLOYING INTEGRAL HEAT EXCHANGE

PATENT

# **SCHEDULE II** **Trademarks**

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
IC Bus, LLC	Intent To Use Application	IC and Design	Filed	12	Motor vehicles namely busses and replacement parts therefore	77/808447	8/19/2009			
IC Bus, LLC	Intent To Use Application	IC (Stylized Letters)	Registered	12	motor vehicles, namely busses and replacement parts therefore	78/121974	4/16/2002	2960703	6/7/2005	6/7/2015
IC Bus, LLC	Regular	IC AND DESIGN	Registered	12	Motor vehicles, namely busses and replacement parts therefore	78/121056	4/11/2002	2926823	2/15/2005	2/15/2015
IC Bus, LLC	Regular	IC AND DESIGN (3D SHIELD)	Registered	12	motor vehicles, namely busses and replacement parts therefore	78/121533	4/13/2002	2927671	2/22/2005	2/22/2015
IC Bus, LLC	Regular	WINGED IC DESIGN	Registered	12	motor vehicles, namely busses and replacement parts therefore	78/125435	5/1/2002	2872554	8/10/2004	8/10/2014
IC Bus, LLC	Supplemental/ B Register	IC AND DESIGN (3D SHIELD)	Registered	6	Metal Key Tags sold and distributed as promotional goods ass	78/323256	11/5/2003	2953894	5/17/2005	5/17/2015
IC Bus, LLC	Supplemental/ B Register	IC AND DESIGN	Registered	6	Metal key chains and metal zipper hooks sold and distributed	78/379186	3/5/2004	2953958	5/17/2005	5/17/2015
IC Bus, LLC	Supplemental/ B Register	Winged IC	Registered	28	Toy vehicles, namely, toy buses.	78/391237	3/26/2004	2953961	5/17/2005	5/17/2015
International Engine Intellectual Property Company, LLC	Intent To Use Application	PURE POWER	Filed	7	engines and engine parts for on-highway motor vehicles, incl	77/963745	3/19/2010			
International Engine Intellectual Property Company, LLC	Intent To Use Application	PURE POWER IRON	Filed	7	engines and engine parts for on-highway motor vehicles, incl	85/316909	5/10/2011			
International Engine Intellectual Property Company, LLC	Intent To Use Application	PPI	Filed	7	engines and engine parts for on-highway motor vehicles, incl	85/316930	5/10/2011			
International Engine Company, LLC	Intent To Use	TRUE INJECTION	Filed	7	engines and engine parts	85/317019	5/10/2011			



U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
Intellectual Property Company, LLC	Application	PRESSURE			for on-highway motor vehicles, incl					
International Engine Intellectual Property Company, LLC	Intent To Use Application	CLEANBURN	Filed	7	Internal combustion engines, except for land vehicles and em	85/562806	3/7/2012			
International Engine Intellectual Property Company, LLC	Regular	PURE POWER Black and White Log	Filed	7	engines and engine parts for on-highway motor vehicles, incl	77/969614	3/26/2010			
International Engine Intellectual Property Company, LLC	Regular	PURE POWER Black and White Log	Filed	7	engines and engine parts for on-highway motor vehicles, incl	77/969656	3/26/2010			
International Engine Intellectual Property Company, LLC	Regular	PURE POWER Color Logo	Filed	7	engines and engine parts for on-highway motor vehicles, incl	77/969726	3/26/2010			
International Engine Intellectual Property Company, LLC	Regular	PURE POWER Color Logo (Words)	Filed	7	engines and engine parts for on-highway motor vehicles, incl	77/969775	3/26/2010			
International Engine Intellectual Property Company, LLC	Intent To Use Application	MAXXFORCE	Registered	7	Internal combustion engines, except for land vehicles, and r	78/563525	2/9/2005	3584626	3/3/2009	3/3/2019
International Engine Intellectual Property Company, LLC	Intent To Use Application	MAXXFORCE INTERNATIONAL DIESEL	Registered	7	Internal combustion engine, except for land vehicles and rep	78/904576	6/9/2006	3482403	8/5/2008	8/5/2018
International Engine Intellectual Property Company, LLC	Regular	MAXXFORCE & Logo	Registered	7	Internal combustion engines, except for land vehicles, and r	77/825716	9/14/2009	3780846	4/27/2010	4/27/2020
International Engine Intellectual Property Company, LLC	Supplemental / B Register	EVRT	Registered	12	Engines for land vehicles	78/101240	1/7/2002	2739349	7/15/2003	7/15/2013
International Truck Intellectual Property Company, LLC	Intent To Use Application	SCOUT MASTER	Filed	12	Land vehicles over 2400 pounds gross vehicle weight (GVW), 1	78/365973	2/11/2004			
International Truck Intellectual Property Company, LLC	Intent To Use Application	MAXXPOWER	Filed	12	Motor vehicle clutches, transmissions, axles, drivelines, wh	77350322	12/12/2007			
International Truck Intellectual Property Company, LLC	Intent To Use Application	REVO	Filed	12	Recreational vehicles, namely, motor homes	77606746	11/4/2008			
International Truck Company, LLC	Intent To Use	RESTAR	Filed	12	Remanufactured structural	77703253	3/31/2009			

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
Intellectual Property Company, LLC	Application				parts for trucks and buses					
International Truck Intellectual Property Company, LLC	Intent To Use Application	LOADSTAR	Filed	12	motor vehicles, namely waste recovery and construction truck	77/844296	10/8/2009			
International Truck Intellectual Property Company, LLC	Intent To Use Application	CONTINENTAL MIXERS AND DESIGN	Filed	12	motor vehicles, specifically concrete or cement mixers	77/924039	1/29/2010			
International Truck Intellectual Property Company, LLC	Intent To Use Application	DXM	Filed	12	motor vehicle suspension system	77/935609	2/15/2010			
International Truck Intellectual Property Company, LLC	Intent To Use Application	WELLINGTON BAY	Filed	12	recreational vehicles, namely, travel trailers	85/085089	7/15/2010			
International Truck Intellectual Property Company, LLC	Intent To Use Application	ARMOR	Filed	12	recreational vehicles, namely, travel trailers and fifth whe	85/085106	7/15/2010			
International Truck Intellectual Property Company, LLC	Intent To Use Application	NEOSTAR	Filed	12	motor vehicles, namely, buses and structural replacement par	85/359362	6/29/2011			
International Truck Intellectual Property Company, LLC	Intent To Use Application	MONACO QUIET COOL	Filed		air conditioning system for a motor vehicle	85/414419	9/2/2011			
International Truck Intellectual Property Company, LLC	Intent To Use Application	HOLIDAY RAMBLER QUIET COOL	Filed		air conditioning system for a motor vehicle	85/415901	9/6/2011			
International Truck Intellectual Property Company, LLC	Intent To Use Application	QUIET COOL	Filed		air conditioning system for a motor vehicle	85/415922	9/6/2011			
International Truck Intellectual Property Company, LLC	Intent To Use Application	FAST FILL	Filed	35	Promoting the goods and services of others by means of a mar	85/429435	9/22/2011			
International Truck Intellectual Property Company, LLC	Intent To Use Application	SARATOGA	Filed		Armored Land Vehicles	85/434240	9/28/2011			
International Truck Intellectual Property Company, LLC	Intent To Use Application	PUREPAC LOG SUPPORT	Filed		MILITARY VEHICLE SPARE PARTS MARKETING AND W/85/451808		10/20/2011			

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
International Truck Intellectual Property Company, LLC	Intent To Use Application	LIFE RIDES ON US	Filed		Marketing and sales services in the field of commercial vehi	85/542596	2/14/2012			
International Truck Intellectual Property Company, LLC	Intent To Use Application	TREK	Filed		towable trailers	85/660801	6/25/2012			
International Truck Intellectual Property Company, LLC	Intent To Use Application	SCOUT	Registered	12	Land vehicles over 2400 pounds gross vehicle weight (GVW). <sup>1</sup>	78/326164	11/11/2003	4032357	9/27/2011	9/27/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	DURASTAR	Registered	12	Land vehicles, namely trucks, buses and structural parts the	78/704419	8/31/2005	3551902	12/23/2008	12/23/2018
International Truck Intellectual Property Company, LLC	Intent To Use Application	CITYSTAR	Registered	12	Land vehicles, namely trucks, buses and structural parts the	78/704332	8/31/2005	3428252	5/13/2008	5/13/2018
International Truck Intellectual Property Company, LLC	Intent To Use Application	PROSTAR	Registered	12	Mobil vehicles, namely highway trucks over 33,001 pounds by	78/720159	9/26/2005	3446636	6/10/2008	6/10/2018
International Truck Intellectual Property Company, LLC	Intent To Use Application	DIA and Logo	Registered	35	Inventory control system for trucks and parts.	78/904710	6/9/2006	3455667	6/24/2008	6/24/2018
International Truck Intellectual Property Company, LLC	Intent To Use Application	TRANSTAR	Registered	12	Mobile trucks, namely highway trucks over 33,001 pounds by Gr	78/962884	8/29/2006	3413474	4/15/2008	4/15/2018
International Truck Intellectual Property Company, LLC	Intent To Use Application	myEDGE PARTS AND SERVICE Logo	Registered	35	Direct marketing services in the field of vehicle parts and	77/036478	11/3/2006	3701935	10/27/2009	10/27/2019
International Truck Intellectual Property Company, LLC	Intent To Use Application	AWARE VEHICLE INTELLIGENCE AND	Registered	9	Vehicle telematics and navigational system, comprising of el	77/161542	4/20/2007	4031819	9/27/2011	9/27/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	SERVICEPARTNER (Stylized)	Registered	35	Promoting the goods and services of others by means of a pre	77/174748	5/7/2007	3577003	2/17/2009	2/17/2019
International Truck Intellectual Property Company, LLC	Intent To Use Application	MAXXPRO	Registered	12	Armored vehicles.	77/198790	6/6/2007	3534823	11/18/2008	11/18/2018
International Truck Intellectual Property Company, LLC	Intent To Use Application	SCOUT	Registered	12	Armored vehicles	77/573965	9/19/2008	3706659	11/3/2009	11/3/2019

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
International Truck Intellectual Property Company, LLC	Intent To Use Application	eStar	Registered	12	All Electric Drive Motor vehicles, namely trucks, and buses	77/884182	12/2/2009	3951842	4/26/2011	4/26/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	TerraStar	Registered	12	motor vehicles, specifically commercial trucks	77/929079	2/5/2010	3959079	5/10/2011	5/10/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	MODEC	Registered	12	All electric drive motor vehicles, namely trucks and buses.	77/944435	2/25/2010	4042760	10/18/2011	10/18/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	ONYX	Registered	12	recreational vehicles, namely travel trailers	85/001923	3/30/2010	3959486	5/10/2011	5/10/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	TRIP	Registered	12	MOTOR HOMES	85/031513	5/6/2010	3994934	7/12/2011	7/12/2021
International Truck Intellectual Property Company, LLC	Intent To Use Application	SILVER CREEK	Registered	12	recreational vehicles, namely, travel trailers	85/085077	7/15/2010	4129301	4/17/2012	4/17/2022
International Truck Intellectual Property Company, LLC	Intent To Use Application	MONACO VESTA	Registered	12	Motor Homes	85/153635	10/15/2010	4099913	2/14/2012	2/14/2022
International Truck Intellectual Property Company, LLC	Intent To Use Application	MONACO VESTA LOGO	Registered	12	Motor Homes	85/154049	10/15/2010	4099918	2/14/2012	2/14/2022
International Truck Intellectual Property Company, LLC	Regular	INTERNATIONAL	Registered	35	Retail sales outlet services offering [mobile farm and const	72/344187	11/21/1969	914621	6/8/1971	6/8/2021
International Truck Intellectual Property Company, LLC	Regular	SCOUT	Registered	28	Toy Model Automobiles	72/386787	3/19/1971	931296	3/28/1972	3/28/2022
International Truck Intellectual Property Company, LLC	Regular	FLEETRITE	Registered	12	vehicle brake linings	72/410097	12/13/1971	963608	7/10/1973	7/10/2013
International Truck Intellectual Property Company, LLC	Regular	FLEETRITE	Registered	7	Universal joint repair kits consisting of a trunnion, bearing	72/452959	3/29/1973	988866	7/23/1974	7/23/2014
International Truck Intellectual Property Company, LLC	Regular	FLEETRITE	Registered	17	hose, hose clamps, v-bells and wheel seals, for vehicles	73/204578	2/22/1979	1154875	5/19/1981	5/19/2021

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
International Truck Intellectual Property Company, LLC	Regular	Diamond Road Logo	Registered	12	Motor vehicles, namely, trucks; internal	73/572789	12/10/1985	1425686	1/20/1987	1/20/2017
International Truck Intellectual Property Company, LLC	Regular	Diamond Road International Ver	Registered	12	Trucks	599894	5/20/1986	1424761	1/13/1987	1/13/2017
International Truck Intellectual Property Company, LLC	Regular	Diamond Road International Log	Registered	12	Engines for land vehicles	73/660853	5/14/1987	1468213	12/8/1987	12/8/2017
International Truck Intellectual Property Company, LLC	Regular	FLEETRITE and Design	Registered	42	Distribution services in the field of truck parts.	73/680976	8/27/1987	1626374	12/4/1990	12/4/2020
International Truck Intellectual Property Company, LLC	Regular	DYNASTY	Registered			74/093403	9/4/1990	1692825	6/9/1992	6/9/2012
International Truck Intellectual Property Company, LLC	Regular	INTERNATIONAL ADVANTAGE	Registered	35	Promoting the sale of vehicles, vehicle parts, vehicle finan	74/341272	12/18/1992	1784399	7/27/1993	7/27/2013
International Truck Intellectual Property Company, LLC	Regular	FLEET CHARGE	Registered	36	Credit card services to trucks.	74/602767	11/23/1994	1930009	10/24/1995	10/24/2015
International Truck Intellectual Property Company, LLC	Regular	TRAIL CRUISER	Registered	12	recreational vehicles, namely, fifth wheel, travel trailers	73/12458	6/20/1997	2417830	1/2/2001	1/2/2021
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (2D	Registered	7	Internal combustion engines for machine and boat operation.	75/980294	10/15/1999	2511869	11/27/2001	11/27/2021
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (3D	Registered	7	Internal Combustion Engines for machine and boat operation.	75/805490	10/15/1999	2461049	6/19/2001	6/19/2011
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (2D	Registered	9	Calculators, pressure sold as promotional goods associated w	75/855307	12/9/1999	2724681	6/10/2003	6/10/2013
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (2D	Registered	6	METAL KEY FOBS, METAL KEY RINGS, METAL LICENSE	75/980280	12/9/1999	2717741	5/20/2003	5/20/2013
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (3D	Registered	8	Personal tool kits, namely, manicure sets, shaving tools, na	75/855316	12/9/1999	2759245	9/2/2003	9/2/2013

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (3D)	Registered	6	Metal key fobs, metal key rings, metal license plates sold a	75/855316	12/9/1999	2603473	8/6/2002	8/6/2012
International Truck Intellectual Property Company, LLC	Regular	ISIS	Registered	9	computer software for use in providing information useful fo	75/960833	3/17/2000	2641603	10/29/2002	10/29/2012
International Truck Intellectual Property Company, LLC	Regular	ISIS	Registered	37	computer software for use in providing information useful fo	75/960836	3/17/2000	2729636	6/24/2003	6/24/2013
International Truck Intellectual Property Company, LLC	Regular	EZ-TECH	Registered	9	Computer used in the diagnostic analysis and repair of vehic	78/007441	5/9/2000	2642880	10/29/2002	10/29/2012
International Truck Intellectual Property Company, LLC	Regular	MASTERDIAGNOSTICS	Registered	9	computer software for use in diagnostic analysis and repair	78/007442	5/9/2000	2639553	10/22/2002	10/22/2012
International Truck Intellectual Property Company, LLC	Regular	INTERNATIONAL DIAMOND CLUB	Registered	35	Conducting dealer incentive award programs to promote on the	78/012025	6/9/2000	2654426	11/26/2002	11/26/2012
International Truck Intellectual Property Company, LLC	Regular	PERFORMANCE PM	Registered	37	Repair and maintenance of medium and heavy duty trucks, buse	78/043390	1/16/2001	2666519	12/24/2002	12/24/2012
International Truck Intellectual Property Company, LLC	Regular	DIAMOND ADVANTAGE	Registered	36	Credit card services for trucks.	76/318493	9/27/2001	2571452	5/21/2002	5/21/2022
International Truck Intellectual Property Company, LLC	Regular	SCOUT	Registered	6	metal gaskets for land vehicle engines, metal fasteners, nam	78/105749	1/30/2002	2814919	2/17/2004	2/17/2014
International Truck Intellectual Property Company, LLC	Regular	Traddress of a Grill	Registered	12	Motor vehicles and parts for motor vehicles.	78/111467	2/27/2002	2758838	9/2/2003	9/2/2013
International Truck Intellectual Property Company, LLC	Regular	INTERNATIONAL	Registered	7	Engines not for land vehicles.	78/123889	4/24/2002	2697930	3/18/2003	3/18/2013
International Truck Intellectual Property Company, LLC	Regular	RAPIDPOWER	Registered	37	Repair of land vehicles, namely, rebuilding the engine or re	78/128325	5/13/2002	2736712	7/15/2003	7/15/2013
International Truck Intellectual Property Company, LLC	Regular	DIAMOND LOGIC (Builder)	Registered	9	Computer software for extending the electronic multiplex arc	78/128243	5/13/2002	2814132	2/10/2004	2/10/2014

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
International Truck Intellectual Property Company, LLC	Regular	FLEET ISIS	Registered	37	Repair and maintenance information services for land vehicle	78/128648	5/14/2002	2700511	3/25/2003	3/25/2013
International Truck Intellectual Property Company, LLC	Regular	EBS	Registered	37	arranging for emergency vehicle repairs	78/166872	9/23/2002	2742076	7/29/2003	7/29/2013
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (3D)	Registered	12	Mud flaps for vehicles	78/174603	10/15/2002	2791287	12/9/2003	12/9/2013
International Truck Intellectual Property Company, LLC	Regular	PERFORMANCE A/C	Registered	37	Repair and maintenance of air conditioning systems of trucks	78/194507	12/13/2002	2778054	10/28/2003	10/28/2013
International Truck Intellectual Property Company, LLC	Regular	DIAMOND LOGIC	Registered	9	Engine control module, namely, computer hardware and computer	78/198694	12/30/2002	2941566	4/19/2005	4/19/2015
International Truck Intellectual Property Company, LLC	Regular	MAXIMUM IMPACT	Registered	35	Direct marketing program in the field of vehicle parts and r	78/209695	1/31/2003	3445107	6/10/2008	6/10/2018
International Truck Intellectual Property Company, LLC	Regular	LEAVE NO STUDENT BEHIND	Registered	9	Alarm monitoring systems for school buses that reminds a dri	78/215375	2/15/2003	2960837	6/7/2005	6/7/2015
International Truck Intellectual Property Company, LLC	Regular	3D Diamond Logo w/o Internatio	Registered	7	Internal combustion engines for machine and boat operation,	78/225802	3/14/2003	2899458	11/2/2004	11/2/2014
International Truck Intellectual Property Company, LLC	Regular	DIAMOND LOGIC (Brakes)	Registered	12	Brakes for land vehicles	78/229571	3/25/2003	2953338	5/17/2005	5/17/2015
International Truck Intellectual Property Company, LLC	Regular	DIAMOND ISIS	Registered	9	Electronic publications in the field of vehicle repair and m	78/247529	5/8/2003	2871631	8/10/2004	8/10/2014
International Truck Intellectual Property Company, LLC	Regular	DIAMOND ESTIMATING SYSTEM	Registered	35	Business management services via the internet for vehicle re	78/251064	5/16/2003	2857009	6/22/2004	6/22/2014
International Truck Intellectual Property Company, LLC	Regular	Tradecress of a Hood	Registered	12	motor vehicles and parts for motor vehicles	78/256612	5/31/2003	2844916	5/25/2004	5/25/2014
International Truck Intellectual Property Company, LLC	Regular	CREW	Registered	35	Incentive award program for the promotion of diesel engines.	78/269982	7/2/2003	2910611	12/14/2004	12/14/2014

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
International Truck Intellectual Property Company, LLC	Regular	POWER, PERFORMANCE AND A FUN D	Registered	35	Providing consumer and consumer product information about di	78/271829	7/8/2003	2845036	5/25/2004	5/25/2014
International Truck Intellectual Property Company, LLC	Regular	International Diamond Logo (2D	Registered	12	Mud flaps for vehicles.	78/288058	8/15/2003	2874866	8/17/2004	8/17/2014
International Truck Intellectual Property Company, LLC	Regular	SAVOY	Registered	12	Recreational vehicles, specifically travel trailers and fift	78314040	10/15/2003	2916768	1/4/2005	1/4/2015
International Truck Intellectual Property Company, LLC	Regular	DIAMOND CONNECTION	Registered	9	Computer software for use as vehicle and engine parts invent	78/320467	10/29/2003	2994307	9/13/2005	9/13/2015
International Truck Intellectual Property Company, LLC	Regular	BISON	Registered	12	FOR CARGO TRAILERS FOR CARRYING LIVESTOCK	78/330040	11/19/2003	2910980	12/14/2004	12/14/2014
International Truck Intellectual Property Company, LLC	Regular	ALUMASPORT	Registered	12	Recreational Vehicles namely-- travel trailers, 5th wheels,	78/340094	12/12/2003	2913241	12/21/2004	12/21/2014
International Truck Intellectual Property Company, LLC	Regular	PAYSTAR	Registered	28	Toy Trucks	78/368856	2/17/2004	2933099	3/15/2005	3/15/2015
International Truck Intellectual Property Company, LLC	Regular	CUSTOMERCONNEC T	Registered	35	Providing Business Marketing information and information in	78/454187	7/21/2004	3151805	10/3/2006	10/3/2016
International Truck Intellectual Property Company, LLC	Regular	CXT	Registered	28	Toy trucks.	78/566481	2/14/2005	3041788	1/10/2006	1/10/2016
International Truck Intellectual Property Company, LLC	Regular	INTERNATIONAL (toy constructio	Registered	28	Toy construction vehicles.	78/577555	3/1/2005	3057843	2/7/2006	2/7/2016
International Truck Intellectual Property Company, LLC	Regular	ENHANCED POWER-PLUS	Registered	35	Arranging for pickup, delivery, and transportation of truck	78/604535	4/8/2005	3144665	9/19/2006	9/19/2016
International Truck Intellectual Property Company, LLC	Regular	WORLD TRUCK RAPID SERVICE AND	Registered	37	Repair and maintenance of vehicles.	78/605045	4/8/2005	3163983	10/24/2006	10/24/2016
International Truck Intellectual Property	Regular	YEAH, WE CHECKED IT	Registered	37	Service maintenance to support the sale of used	78/655741	6/22/2005	3111752	7/4/2006	7/4/2016



U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
Company, LLC					vehicles, na					
International Truck Intellectual Property Company, LLC	Regular	GPRP	Registered	35	Vehicle and engine surplus parts recovery program for allowi	78/663831	7/5/2005	3106672	6/20/2006	6/20/2016
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	LONESTAR	Registered	12	Land vehicles, namely highway trucks.	78/699182	8/24/2005	3235176	4/24/2007	4/24/2017
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	WORKSTAR	Registered	12	Land vehicles, namely trucks and structural parts therefor.	78/826384	3/1/2006	3345801	11/27/2007	11/27/2017
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	DIA	Registered	35	Inventory control system for trucks and parts.	78/904696	6/9/2006	3209249	2/13/2007	2/13/2017
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	RENEWed	Registered	12	CARBURETORS, WATER PUMP ASSEMBLIES AND ENGINE	77/539366	8/5/2008	3642404	6/23/2009	6/23/2019
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	PARTSMART (LOGO) RIGHT ON THE	Registered	7	Internal combustion engines and replacement parts therefore	77/646698	1/9/2009	3654578	7/14/2009	7/14/2019
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	PARTSMART (word)	Registered			77/646756	1/9/2009	3654585	7/14/2009	7/14/2019
Company, LLC										
International Truck Intellectual Property Company, LLC	Regular	myEdge Logo	Registered	35	Direct marketing services in the filed of vehicle parts and	77/952926	3/8/2010	3845265	9/7/2010	9/7/2020
Company, LLC										
International Truck Intellectual Property Company, LLC	Supplemental / B Register	GREEN DIESEL TECHNOLOGY	Registered	42	promoting public awareness of the need for the environmental	75/830178	11/10/1999	2560528	4/9/2002	4/9/2022
Company, LLC										
Navistar International Corporation	Regular	NAVISTAR	Registered	36	Financing the purchase of motor vehicles.	73/586422	3/6/1986	1472594	1/12/1988	1/12/2018
Navistar International Corporation	Regular	Fleet Charge and Design	Registered	35	STATISTICAL INFORMATION SERVICES RENDERED TO T73/611833		7/28/1986	1556029	9/12/1989	9/12/2019
Navistar International Corporation	Regular	POWER	Registered	39	Express delivery services in the field of parts for trucks a	73/624358	10/3/1986	1445611	6/30/1987	6/30/2017
Navistar International	Regular	INTERNATIONAL	Registered	12	Engines for land vehicles.	73/660853	5/14/1987	1468213	12/8/1987	12/8/2017

U.S. Trademarks and Trademark Applications										
Current Owner	Case Type	Mark Name	Status	Class Number	Goods	Application Number	Application Date	Registration Number	Registration Date	Renewal Date
Corporation		and Design								
Navistar International Corporation	Regular	SKY-RISE	Registered	12	Motor trucks.	75/057396	2/13/1996	2118359	12/2/1997	12/2/2017
Navistar International Corporation	Regular	NAVISTAR & Design	Registered	12	Trucks, buses and structural parts thereof; engines for moto	77/207365	6/15/2007	3651780	7/7/2009	7/7/2019
Navistar International Corporation	Regular	NAVISTAR	Registered	12	Trucks	73/572790	12/10/1985	1498530	8/2/1988	8/2/2018
Navistar International Corporation	Regular	NAVISTAR	Registered	36	Financing the purchase of motor vehicles.	73/586422	3/6/1986	1472594	1/12/1988	1/12/2018
Navistar International Corporation	Supplemental / B Register	QUICK CHECK	Registered	37	Truck inspection in the manner of preventive maintenance†	74/184448	7/12/1991	1709587	8/18/1992	8/18/2012
Navistar, Inc.	Regular	PAYSTAR	Registered	12	Trucks and Parts therefor.	72/434005	8/28/1972	973268	11/20/1973	11/20/2013
Navistar, Inc.	Regular	EAGLE	Registered	12	Trucks	73/514612	12/20/1984	1417384	11/18/1986	11/18/2016
Navistar, Inc.	Regular	Eagle (Script)	Registered	12	Trucks	73/514639	12/20/1984	1415752	11/4/1986	11/4/2016
Navistar, Inc.	Regular	TOPS	Registered	35	Providing computerized vehicle ordering services, not includ	73/694695	11/6/1987	1559197	10/3/1989	10/3/2019
Navistar, Inc.	Regular	INTERNATIONAL	Registered	37	Repair and maintenance of trucks, buses, engines for land ve	75/810339	10/20/1999	2381360	8/29/2000	8/29/2020
Navistar, Inc.	Regular	BUS ISIS	Registered	37	Providing information relating to vehicle and engine repair	78/516898	11/15/2004	3032183	12/20/2005	12/20/2015