

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Grant of Security Interest in Patent Rights
CONVEYING PARTY DATA	
Name	Execution Date
Visteon Global Technologies, Inc.	04/30/2009
RECEIVING PARTY DATA	
Name:	Wilmington Trust FSB, as Administrative Agent
Street Address:	50 South Sixth Street
Internal Address:	Suite 1290
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55402
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	D328023
CORRESPONDENCE DATA	
Fax Number:	(617)951-8736
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6179518464
Email:	paula.mazzeo@bingham.com
Correspondent Name:	Paula A. Mazzeo
Address Line 1:	One Federal Street
Address Line 2:	c/o Bingham McCutchen LLP
Address Line 4:	Boston, MASSACHUSETTS 02110
NAME OF SUBMITTER:	Paula A. Mazzeo
Total Attachments: 16 source=Grant of Security Interest in Patents (VGT) - Supplemental +1#page1.tif source=Grant of Security Interest in Patents (VGT) - Supplemental +1#page2.tif source=Grant of Security Interest in Patents (VGT) - Supplemental +1#page3.tif source=Grant of Security Interest in Patents (VGT) - Supplemental +1#page4.tif	

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GRANT OF
SECURITY INTEREST IN PATENT RIGHTS

This GRANT OF SECURITY INTEREST IN PATENT RIGHTS ("Agreement"), effective as of April 30, 2009, is made by VISTEON GLOBAL TECHNOLOGIES, INC., a Michigan corporation, located at One Village Center, Van Buren Township, Michigan 48111 (the "Obligor"), in favor of WILMINGTON TRUST FSB, a federal savings bank, as Administrative Agent (as successor Administrative Agent to JPMorgan Chase Bank, N.A., the "Agent") for the several banks and other financial institutions (the "Lenders") party to the Credit Agreement, dated as of June 13, 2006, among VISTEON CORPORATION (the "Borrower"), the Lenders, the Agent, CREDIT SUISSE SECURITIES (USA) LLC and SUMITOMO MITSUI BANKING CORPORATION, as Co-Documentation Agents, and CITICORP USA, INC., as Syndication Agent (as amended and restated pursuant to that certain Amended and Restated Credit Agreement dated April 10, 2007 and as further amended and in effect from time to time, the "Credit Agreement").

W I T N E S S E T H:

WHEREAS, pursuant to the Credit Agreement, the Lenders have severally agreed to make Loans and other extensions of credit to the Borrower upon the terms and subject to the conditions set forth therein; and

WHEREAS, in connection with the Credit Agreement, the Obligor and certain other subsidiaries of the Borrower have executed and delivered a Guarantee and Collateral Agreement, dated as of June 13, 2006, in favor of the Agent (together with all amendments and modifications, if any, from time to time thereafter made thereto, the "Guarantee and Collateral Agreement");

WHEREAS, pursuant to the Guarantee and Collateral Agreement, the Obligor pledged and granted to the Agent for the benefit of the Agent and the Lenders a continuing security interest in all Intellectual Property, including the Patents; and

WHEREAS, the Obligor has duly authorized the execution, delivery and performance of this Agreement;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and in order to induce the Lenders to make Loans and other financial accommodations to the Borrower pursuant to the Credit Agreement, the Obligor agrees, for the benefit of the Agent and the Lenders, as follows:

SECTION 1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement and the Guarantee and Collateral Agreement.

SECTION 2. Grant of Security Interest. The Obligor hereby pledges and grants a continuing security interest in, and a right of setoff against, and agrees to assign, transfer and convey, upon demand made upon the occurrence and during the continuance of an Event of

Default without requiring further action by either party and to be effective upon such demand, all of the Obligor's right, title and interest in, to and under the Patents (including, without limitation, those items listed on Schedule A hereto) (collectively, the "Collateral"), to the Agent for the benefit of the Agent and the Lenders to secure payment, performance and observance of the Obligations.

SECTION 3. Purpose. This Agreement has been executed and delivered by the Obligor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted, hereby has, been granted to the Lenders in connection with the Guarantee and Collateral Agreement and is expressly subject to the terms and conditions thereof. The Guarantee and Collateral Agreement (and all rights and remedies of the Lenders thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. Acknowledgment. The Obligor does hereby further acknowledge and affirm that the rights and remedies of the Lenders with respect to the security interest in the Collateral granted hereby are more fully set forth in the Credit Agreement and the Guarantee and Collateral Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Guarantee and Collateral Agreement, the terms of the Guarantee and Collateral Agreement shall govern.

SECTION 5. Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers on this 30 day of April, 2009.

VISTEON GLOBAL TECHNOLOGIES, INC.
as Obligor

By: 
Name: Michael P. Lewis
Title: Assistant Treasurer

WILMINGTON TRUST FSB
as Administrative Agent for the Lenders

By: _____
Name:
Title:

Default without requiring further action by either party and to be effective upon such demand, all of the Obligors' right, title and interest in, to and under the Patents (including, without limitation, those items listed on Schedule A hereto) (collectively, the "Collateral"), to the Agent for the benefit of the Agent and the Lenders to secure payment, performance and observance of the Obligations.

SECTION 3. Purpose. This Agreement has been executed and delivered by the Obligor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted, hereby has, been granted to the Lenders in connection with the Guarantee and Collateral Agreement and is expressly subject to the terms and conditions thereof. The Guarantee and Collateral Agreement (and all rights and remedies of the Lenders thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. Acknowledgment. The Obligor does hereby further acknowledge and affirm that the rights and remedies of the Lenders with respect to the security interest in the Collateral granted hereby are more fully set forth in the Credit Agreement and the Guarantee and Collateral Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Guarantee and Collateral Agreement, the terms of the Guarantee and Collateral Agreement shall govern.

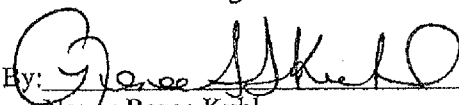
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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers on this 30 day of April, 2009.

VISTEON GLOBAL TECHNOLOGIES, INC.
as Obligor

By: _____
Name:
Title:

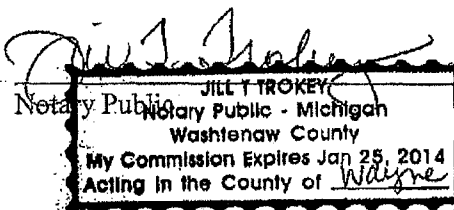
WILMINGTON TRUST FSB
as Administrative Agent for the Lenders

By:  _____
Name: Renee Kuhl
Title: Assistant Vice President

ACKNOWLEDGMENT OF OBLIGOR

STATE OF)
) ss
COUNTY OF)

On the 20th day of April, 2009, before me personally came Michael P. Lewis, who is personally known to me to be the Assistant Treasurer of Visteon Global Technologies, Inc., a Michigan corporation; who, being duly sworn, did depose and say that she/he is the Assistant Treasurer in such corporation, the corporation described in and which executed the foregoing instrument; that she/he executed and delivered said instrument pursuant to authority given by the Board of Directors of such corporation; and that she/he acknowledged said instrument to be the free act and deed of said corporation.



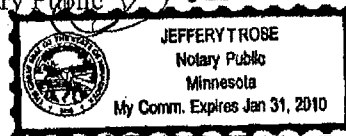
(PLACE STAMP AND SEAL ABOVE)

ACKNOWLEDGMENT OF ADMINISTRATIVE AGENT

STATE OF MINNESOTA)
) ss
COUNTY OF HENNEPIN)

On the 30th day of April, 2009, before me personally came Renee Kuhl, who is personally known to me to be an Assistant Vice President of Wilmington Trust FSB, a federal savings bank; who, being duly sworn, did depose and say that she is an Assistant Vice President at such federal savings bank, the federal savings bank described in and which executed the foregoing instrument; that she executed and delivered said instrument pursuant to authority given by the Board of Directors of such federal savings bank; and that she acknowledged said instrument to be the free act and deed of said federal savings bank.

Notary Public



(PLACE STAMP AND SEAL ABOVE)

Schedule A

**Issued and Pending Patents by
U.S. Patent and Trademark Office**

Owner: Visteon Global Technologies, Inc.

Patent	Application No.	Filing Date	Patent No.	Issue Date
METALLIC COATING ON A COMPONENT OF AN INTERNAL COMBUSTION ENGINE	10/022748	12/13/2001	6598581	07/29/2003
SUSPENSION SYSTEM FOR A VEHICLE	10/182845	12/26/2002	6811167	11/02/2004
CONTROL OF IDLE SPEED IN A HYBRID POWERTRAIN CONFIGURATION	10/214649	08/08/2002	6687582	02/03/2004
SWASH RING COMPRESSOR	11/497116	08/01/2006	7444921	11/04/2008
METHOD AND SYSTEM FOR CONTROLLING AN AUTOMOTIVE MULTIZONE HVAC SYSTEM	11/605786	11/28/2006		
HEAT EXCHANGER ASSEMBLY	11/759557	06/07/2007		
MOUNTING CLIP FOR PLASTIC CONTAINERS	10/350515	01/24/2003		
ELECTROMECHANICAL VALVE ACTUATOR BEGINNING OF STROKE DAMPER	11/752572	05/23/2007		
STATOR ASSEMBLY WITH CASCADED WINDING AND METHOD OF MAKING SAME	11/536708	09/29/2006		
ENERGY-ABSORBING PADDING WITH STAGED ELEMENTS	11/874675	10/18/2007		
LOW SPEED FOLLOW OPERATION AND CONTROL STRATEGY	11/770039	06/28/2007		
HEATING, VENTILATION AND AIR CONDITIONING SYSTEM WITH TEMPERATURE MIXING IN CONNECTION WITH A HOT AIR CHANNEL AND A COLD AIR CHANNEL	11/584359	12/18/2006		
SEPARATED BATTERY AND VEHICLE VOLTAGES	11/734304	04/12/2007		
DOOR PANEL WITH TEMPORARY SUPPORTS FOR LOGISTIC OF A TRIM DOOR MODULE OF AN AUTOMOBILE DOOR	11/496209	07/31/2006		
HEATING, VENTILATION, AND COOLING CASE AND DUCT HAVING PASSIVE NOISE REDUCTION	11/668925	01/30/2007		
ENERGY ABSORBING PADDING FOR AUTOMOTIVE APPLICATIONS	11/602838	11/21/2006		
COMBINED AIR BLENDING AND AIR DISTRIBUTION ACTUATING UNIT	11/598328	11/13/2006		

Patent	Application No.	Filing Date	Patent No.	Issue Date
MULTICHANNEL FLAT TUBE FOR HEAT EXCHANGER	11/589021	10/27/2006		
DEVICE FOR CONTROL OF AIR FLOW RATES TO THE INSTRUMENT PANEL AIR OUTLETS OF A VEHICLE HEATING OR AIR CONDITIONING UNIT	11/540128	09/29/2006	7470177	12/30/2008
LOCALIZED INJECTION OVERMOLDING AND ARTICLES PRODUCED THEREBY	11/602767	11/21/2006		
TUNING SLIDE VALVE FOR INTAKE MANIFOLD	11/590298	10/31/2006	7500493	03/10/2009
HINGE FOR A VARIABLE DISPLACEMENT COMPRESSOR	11/450823	06/09/2006	7455009	11/25/2008
MULTIPLE FLOW HEAT EXCHANGER	11/997781	02/04/2008		
BLOCK FITTING AND SEAL STRUCTURE	11/410685	04/25/2006		
SEALESS FILTRATION DEVICE	11/635334	12/07/2006		
BIFUNCTIONAL LIGHTING MECHANISM BASED ON ROTARY ACTUATOR	11/421815	06/02/2006		
HYDROCARBON TRAP ASSEMBLY	11/515611	09/05/2006		
SINGLE PATH ROAD GEOMETRY PREDICTIVE ADAPTIVE FRONT LIGHTING ALGORITHM USING VEHICLE POSITIONING AND MAP DATA	11/691966	03/27/2007		
SWITCHABLE BLOWER MOTOR RESISTOR FOR HVAC APPLICATION	11/685256	03/13/2007		
ELECTROMAGNETIC SHIELD FOR DISPLAY	11/435630	05/17/2006	7515219	04/07/2009
PREDICTIVE ADAPTIVE FRONT LIGHTING ALGORITHM FOR BRANCHING ROAD GEOMETRY	11/692560	03/28/2007		
AXIALLY SEALING SYSTEM FOR CONNECTING FLUID-PASSED CONDUITS	11/755358	05/31/2007		
METHOD OF BENDING OF FLAT TUBES FOR HEAT EXCHANGERS AND BENT FLAT TUBES	11/697179	04/05/2007		
DISPLAY OVER GAGE INSTRUMENT CLUSTER	11/433002	05/12/2006		
REFRIGERANT CIRCUIT SYSTEM	11/782021	07/24/2007		
CLAMPLESS TUBE CONNECTION WITH INTEGRATED SEALING AND LOCKING FEATURE	11/498391	08/03/2006		
PROJECTOR LAMP HAVING ENHANCED LOW TO HIGH BEAM CONTRAST RATIO	11/496928	07/31/2006		
THERMAL ENERGY RECOVERY AND MANAGEMENT SYSTEM	11/441979	05/26/2006	7467605	12/23/2008
HEADLAMP MODULE AND HEADLAMP ASSEMBLY WITH INTERNALLY REFLECTING TRANSLUCENT MEMBER	11/435249	05/16/2006	7513665	04/07/2009
ILLUMINATION OF VEHICLE INSTRUMENT	11/740126	04/25/2007	7475999	01/13/2009

Patent	Application No.	Filing Date	Patent No.	Issue Date
LED HEADLAMP	11/495364	07/28/2006		
INSTRUMENT PANEL WITH EXPOSED SUPPORT STRUCTURE AND METHOD OF FORMATION	11/396971	04/03/2006		
HEADLAMP ASSEMBLY HAVING AN ADJUSTABLE LIGHT BEAM DIRECTION	11/581050	10/13/2006		
LOAD-CARRYING COMPONENT FOR SUPPORTING OF A VEHICLE CROSS-MEMBER	11/523179	09/19/2006	7367612	05/06/2008
MULTILAYERED LONG LIFE FILTER USING CONVOLUTED FOAM	11/671086	02/05/2007		
COMPONENT FOR A VEHICLE INTERIOR AND A MOLD ASSEMBLY AND A METHOD FOR ASSEMBLING THE COMPONENT	11/432247	05/11/2006		
HEAT EXCHANGER	11/937698	11/09/2007		
REFRIGERANT ACCUMULATOR WITH LIQUID SEPARATOR	11/567830	12/07/2006		
SYSTEM FOR SUPPORTING AND ELECTRICALLY GROUNDING A COVER OF AN ELECTRONIC CONTROL MODULE	11/739881	04/25/2007		
MECHANICAL JOINT OF A HEAT EXCHANGER PIPE	11/927804	10/30/2007		
INTERNAL HEAT EXCHANGER WITH CALIBRATED COIL-SHAPED FIN TUBE	11/697155	04/05/2007		
AIR CONDITIONING UNIT FOR VEHICLES AND METHOD OF OPERATING THE SAME	11/755338	05/30/2007		
METHOD FOR JOINING COMPONENTS MADE OF A HIGH-STRENGTH ALUMINUM MATERIAL AND HEAT EXCHANGER ASSEMBLED ACCORDING TO THE METHOD	12/114922	05/05/2008		
COPPER ALLOY PISTON SHOE	11/441953	05/26/2006	7313997	01/01/2008
SYSTEM AND METHOD OF SELECTING DATA CONTENT OF IONIZATION SIGNAL	11/683701	03/08/2007		
A SYSTEM FOR CREATING A PROGRAMMABLE TUNING VOLTAGE	11/540269	09/29/2006		
CONTINUOUSLY VARIABLE TUNED RESONATOR	11/521934	09/15/2006		
MULTIMATERIAL STITCHING SKINS PREPARATION	11/957113	12/14/2007		
HEAT EXCHANGER PLATE HAVING INTEGRATED TURBULATION FEATURE	11/528865	09/28/2006		
SYSTEM AND METHOD FOR PRE-PROCESSING IONIZATION SIGNAL TO INCLUDE ENHANCED KNOCK INFORMATION	11/683735	03/08/2007	7472687	01/06/2009
INCREASED EFFICIENCY LED PROJECTOR OPTIC ASSEMBLY	11/759402	06/07/2007		

Patent	Application No.	Filing Date	Patent No.	Issue Date
INTERIOR TRIM ELEMENT	12/035093	02/21/2008		
ILLUMINATION SYSTEM	12/052323	03/20/2008		
INSTRUMENT POINTER ASSEMBLY	11/834769	08/07/2007		
TOUCH CONTROL BEZEL FOR DISPLAY DEVICES	11/784555	04/06/2007		
<u>REFRIGERANT COMPRESSOR PROVIDED WITH A SOUND DAMPER FOR AN AIR CONDITIONING UNIT</u>	11/853237	09/11/2007		
COMBINED OIL SEPARATOR AND MUFFLER FOR REFRIGERANT COMPRESSOR	11/837142	08/10/2007		
OIL SEPARATOR FOR A FLUID DISPLACEMENT APPARATUS	11/528035	09/27/2006	7520210	04/21/2009
HEAT EXCHANGER WITH AN EXPANSION STAGE	11/656799	01/23/2007		
ILLUMINATING DEVICE	11/687493	03/16/2007		
BUTTON GUIDE	11/624685	01/18/2007		
AIR CONDITIONING UNIT, OPERATABLE WITH CARBON DIOXIDE, FOR VEHICLES AND METHOD FOR OPERATING THE AIR CONDITIONING UNIT	11/691535	03/27/2007		
PROCESS AND MOLD FOR CREATING A SKIN SUPPLIED WITH AT LEAST ONE ITEM	12/108941	04/24/2008		
ADAPTIVE LIGHTING SYSTEM HAVING DYNAMIC RECALIBRATION	11/739947	04/25/2007	7513663	04/07/2009
VARIABLE PLANAR LIGHT GUIDE MODULE	11/748773	05/15/2007		
HEATER CORE CONNECTOR TUBE	11/594548	11/08/2006		
LENS ASSEMBLY	11/736358	04/17/2007		
SYSTEM AND METHOD FOR DETECTING A STALLED MOTOR	11/753185	05/24/2007		
PROCESS FOR CREATING A SKIN OR A COVERING ELEMENT PROVIDED WITH AT LEAST ONE ITEM ON ITS VISIBLE SURFACE	12/110737	04/28/2008		
AIR CONDITIONING UNIT FOR MOTOR VEHICLES AND METHOD FOR ITS OPERATION	12/175040	07/17/2008		
VARIABLE BLIND SPOT WARNING SYSTEM	11/654118	01/17/2007		
DOCKABLE MEDIA SYSTEM	11/616691	12/27/2006		
INTERNAL HEAT EXCHANGER	11/770326	06/28/2007		
PROCESSOR HEALTH CHECK UTILIZING INTELLIGENT PERIPHERAL	11/678237	02/23/2007		
AUTOMOTIVE CLIMATE CONTROL SYSTEM AND METHOD FOR EXHAUST ODOR ABATEMENT	11/751893	05/22/2007		
CONNECTION FOR CONDUITS AND	12/111233	04/29/2008		

Patent	Application No.	Filing Date	Patent No.	Issue Date
METHOD OF MANUFACTURING THE SAME				
TOROIDAL LENS	11/763228	06/14/2007		
DIMENSIONAL ENHANCEMENT LENS	11/746309	05/09/2007		
NEAR FIELD LENS	11/763884	06/15/2007		
TEMPERATURE DOOR FOR A VEHICLE AND HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM	11/593903	11/07/2006		
NEAR FIELD LENS	11/752801	05/23/2007		
REFRIGERANT ACCUMULATOR FOR MOTOR VEHICLE AIR CONDITIONING UNITS	12/190791	08/13/2008		
SYSTEM AND METHOD OF OPERATING AN OUTPUT DEVICE IN A VEHICLE	11/646104	12/27/2006		
BLOWER ASSEMBLY WITH PRE-SWIRLER	11/670784	02/02/2007		
SYSTEM AND METHOD FOR FILTERING PROGRAM SERVICE NAME DATA	11/739266	04/24/2007		
WIRELESS CHARGING DEVICE	11/863802	09/28/2007		
LOCATION BASED ADVERTISING AND TRAFFIC WARNING SYSTEM	11/620211	01/05/2007		
SIDE COLLISION AVOIDANCE SYSTEM	11/755302	05/30/2007		
LOCALIZED AIR DISTRIBUTION SYSTEM	11/834755	08/07/2007		
HAPTICS CONE	11/804526	05/19/2007		
RADIO WITH AUTOMATIC TUNING TO MODULATED AUDIO DEVICE	11/838594	08/14/2007		
INTEGRATED HARDWARE AND SOFTWARE USER INTERFACE	11/620638	01/05/2007		
AIR FILTER AND FAN DEVICE FOR VEHICLE VENTILATION SYSTEMS	12/048278	03/14/2008		
LED INTERCONNECTION INTEGRATED CONNECTOR HOLDER PACKAGE	11/778945	07/17/2007		
AIR INDUCTION SYSTEM WITH RESONATOR BYPASS VALVE	11/772949	07/03/2007	7484491	02/03/2009
AIR CONDITIONING UNIT FOR VEHICLES	12/048247	03/14/2008		
BACKLIT DISPLAY	12/099432	04/08/2008		
AIR FILTRATION SYSTEM	12/198993	08/27/2008		
VEHICLE INSTRUMENT CLUSTER	12/118045	05/09/2008		
BACKLIGHTING DEVICE	12/106663	04/21/2008		
LOW PROFILE HEATER CORE CONNECTOR	11/755796	05/31/2007		
ENGINE-MACHINE AND EXPANDER HEAT EXCHANGER UNIT	12/144757	06/24/2008		
ORBIT CONTROL DEVICE FOR A SCROLL COMPRESSOR	11/782952	07/25/2007		
KNEE BOLSTER ASSEMBLY	11/780282	07/19/2007		
LIGHTWEIGHT FLOW HEAT EXCHANGER	12/171392	07/11/2008		
EXHAUST GAS HEAT EXCHANGER WITH AN OSCILLATION ATTENUATED BUNDLE	12/171508	07/11/2008		

Patent	Application No.	Filing Date	Patent No.	Issue Date
OF EXCHANGER TUBES				
EXHAUST GAS HEAT EXCHANGER WITH INTEGRATED MOUNTING INTERFACE	12/171425	07/11/2008		
SOUND GENERATOR WITH STRUCTURALLY AND ACOUSTICALLY COUPLED SOUND RADIATION PANEL AND METHOD FOR MANUFACTURING THE SAME	11/846062	08/28/2007		
PROGRAMMABLE SPECIFIC DYNAMIC TRAFFIC WARNING SYSTEM WITH SEGMENTATION IDENTIFIERS	12/106419	04/21/2008		
HEAT EXCHANGER FOR THE EXHAUST GAS LINE OF A MOTOR VEHICLE, METHOD FOR PRODUCING A HEAT EXCHANGER AND ASSEMBLY TOOL HEREFOR	12/171583	07/11/2008		
METHOD AND SWITCHING APPARATUS FOR RECORDING THE CURRENT IN AN ELECTRICAL DEVICE	11/203735	08/15/2005	7271559	09/18/2007

Official Title (English)	Filing number	Filing date	Grant number	Grant date
INTERNAL COMBUSTION ENGINE OIL PAN WITH OIL COOLER	08/131162	04/OCT/1993	5408965	25/APR/1995
MODULAR RADIATOR AND CONDENSER ASSEMBLY	09/180408	01/MAY/1997	5996684	07/DEC/1999
AN ILLUMINATED LOOPED LIGHT PIPE	09/966159	28/SEP/2001	6474859	05/NOV/2002
SELF-SHEARING STENCIL	09/114118	13/JUL/1998	5878661	09/MAR/1999
METHOD AND SYSTEM FOR SEAMLESS TRANSITION BETWEEN MULTIPLE FEEDBACK RANGES	09/684278	06/OCT/2000	7239957	03/JUL/2007
ELECTRICAL CIRCUIT BOARD AND METHOD FOR MAKING THE SAME	10/189674	08/JUL/2002	7176382	13/FEB/2007
CIRCUIT BOARD AND A METHOD FOR MAKING THE SAME	10/826019	17/APR/2004	7152315	26/DEC/2006
LED HEADLAMP ARRAY	10/418955	17/APR/2003	7188984	13/MAR/2007
METHOD OF ENGINE COOLING	11/387039	22/MAR/2006	7267085	11/SEP/2007
HIGH BEAM LIGHT FOR HEADLAMPS OF MOTOR VEHICLES	10/820913	08/APR/2004	7322724	29/JAN/2008
MULTI-CHANNEL HEAT EXCHANGER AND CONNECTION UNIT	10/769078	31/JAN/2004	7337834	04/MAR/2008
THERMAL PROTECTION SCHEME FOR HIGH OUTPUT VEHICLE ALTERNATOR	10/427828	01/MAY/2003	7116081	03/OCT/2006
SAFETY SHUT-OFF DEVICE	11/624975	19/JAN/2007	7357150	15/APR/2008
INNER HEAT EXCHANGER FOR HIGH-PRESSURE REFRIGERANT WITH ACCUMULATOR	10/961797	08/OCT/2004	7284394	23/OCT/2007
RADIO HUMAN-MACHINE INTERFACE USING KNOBS AND MENU PICKS	10/619235	14/JUL/2003	7233779	19/JUN/2007
METHODS OF DIAGNOSING OPEN-SECONDARY WINDING OF AN IGNITION COIL USING THE IONIZATION CURRENT SIGNAL	10/655985	05/SEP/2003	7251571	31/JUL/2007
VEHICLE COCKPIT ATTACHMENT STRUCTURE WITH INTEGRATED PLASTIC COMPOSITE FUNCTIONAL MOLDED FEATURES	11/189402	26/JUL/2005	7264295	04/SEP/2007
ELECTROMECHANICAL VALVE ACTUATOR BEGINNING OF STROKE DAMPER	10/929969	30/AUG/2004	7255073	14/AUG/2007
SWASH RING COMPRESSOR WITH SPHERICAL BEARING	11/157740	21/JUN/2005		
SYSTEM TO COMBINE ANTENNA TOPOLOGIES TO IMPROVE PERFORMANCE OF SATELLITE RECEIVERS	11/218139	01/SEP/2005		
INSTRUMENT PANEL HAVING MODULAR AIRBAG DOOR ASSEMBLY	10/692572	24/OCT/2003	7237797	03/JUL/2007
INSTRUMENT PANEL ASSEMBLY	11/187778	22/JUL/2005	7385489	10/JUN/2008
VARIABLE DISTORTION LIMITER USING CLIP DETECT PREDICTOR	11/155800	17/JUN/2005	7202731	10/APR/2007
LOW PRESSURE FUEL INJECTOR NOZZLE	10/981870	05/NOV/2004	7438241	21/OCT/2008
REAR VISION SYSTEM	11/169435	29/JUN/2005	7365300	29/APR/2008
GAUGE CALIBRATION METHOD	11/210419	24/AUG/2005	7263870	04/SEP/2007
INTEGRATED ANTENNA IN DISPLAY OR LIGHTBOX	11/156406	30/JUN/2005	7535426	05/19/2009
SYSTEM AND METHOD FOR MEDIA DAMAGE PREVENTION ON A PORTABLE PLAYER	11/287687	28/NOV/2005	7484026	27/JAN/2009
CONVECTIVELY COOLED HEADLAMP ASSEMBLY	11/257730	25/OCT/2005	7329033	12/FEB/2008
MULTIPLE FUNCTION RADIO BEZEL INTERFACE	11/168552	28/JUN/2005		
NVH AND GAS PULSATION REDUCTION IN AC COMPRESSOR	11/175507	06/JUL/2005	7494328	24/FEB/2009
A SYSTEM AND METHOD FOR DRIFT COMPENSATION WHEN USING PULSE CONTROLLED MOTORS	11/300127	14/DEC/2005	7190129	13/MAR/2007
VEHICLE INSTRUMENTATION	11/234998	26/SEP/2005	7385308	10/JUN/2008
HEADLAMP ASSEMBLY WITH INTEGRATED HOUSING AND HEAT SINK	11/293913	05/DEC/2005	7427152	23/SEP/2008
MULTI-LAYER LIGHT EMITTING DEVICE WITH INTEGRATED THERMOELECTRIC CHIP	11/287601	28/NOV/2005		
LIGHT EMITTING DIODE DEVICE HAVING A SHIELD AND/OR FILTER	11/286886	23/NOV/2005		
HEADLAMP ASSEMBLY HAVING COOLING CHANNEL	11/289117	29/NOV/2005	7478932	20/JAN/2009
LAMP HOUSING WITH INTERIOR COOLING BY A THERMOELECTRIC DEVICE	11/176636	07/JUL/2005	7249868	31/JUL/2007
HEADLAMP ASSEMBLY WITH INTEGRATED REFLECTOR AND HEAT SINK	11/295997	07/DEC/2005	7344289	18/MAR/2008
SYSTEM AND METHOD TO PROVIDE FOR PASSIVE ANTI-THEFT DOCKABLE DEVICES	11/287830	28/NOV/2005		
METHOD OF IMPLEMENTING PC GAME AUTO-PLAY IN VEHICLE APPLICATIONS	11/370405	08/MAR/2006		
LIGHT ASSEMBLY FOR AUTOMOTIVE LIGHTING APPLICATIONS	11/288518	29/NOV/2005	7438454	21/OCT/2008
SELF-CLOSING AIRBAG DOOR ASSEMBLY	11/326146	04/JAN/2006		
NEAR FIELD LENS WITH SPREAD CHARACTERISTICS	11/233125	22/SEP/2005	7207700	24/APR/2007
MULTI-FOCAL LENS FOR BI-FUNCTIONAL HEADLAMP	11/200637	10/AUG/2005	7357545	15/APR/2008
NEAR FIELD LENS HAVING REDUCED SIZE	11/252008	17/OCT/2005	7401948	22/JUL/2008
A SYSTEM AND METHOD FOR RANGE MEASUREMENT OF A PRECEDING VEHICLE	11/296093	07/DEC/2005		
A COMPONENT FOR A VEHICLE INTERIOR HAVING A SOFT-FEEL TOUCH	11/293633	02/DEC/2005		
IN-VEHICLE COFFEE MAKER	11/206480	18/AUG/2005	7487712	10/FEB/2009
MODULAR BUILDING BLOCK INSTRUMENT CLUSTER	11/352030	10/FEB/2006		
METHOD OF FORMING MULTI-COMPONENT INSTRUMENT PANEL SKIN USING NEGATIVE VACUUM FORMING.	11/375943	15/MAR/2006		
BIFUNCTIONAL LED HEADLAMP (AMENDED TO): BI-FUNCTIONAL HEADLIGHT MODULE	11/257688	25/OCT/2005	7410282	12/AUG/2008
REDUCED DEPTH PROJECTOR HEADLAMP ASSEMBLY	11/430019	08/MAY/2006	7264387	04/SEP/2007
LED PROJECTOR HEADLAMPS USING SINGLE OR MULTI-FACETED LENSES.	11/391067	27/MAR/2006		

SIDE EMITTING NEAR FIELD LENS	11/274071	15/NOV/2005	7489453	10/FEB/2009
LIGHT MANIFOLD FOR AUTOMOTIVE LIGHT MODULE	11/274609	15/NOV/2005	7160010	09/JAN/2007
STRUCTURAL PEDESTAL CONDUIT FOR AIR HANDLING AND ELECTRICAL ROUTING	11/365150	01/MAR/2006	7396062	08/JUL/2008
ADAPTIVE IGNITION DWELL BASED ON IONIZATION FEEDBACK	11/627756	26/JAN/2007	7318411	15/JAN/2008
DISPLAY REPLICATION AND CONTROL OF A PORTABLE DEVICE VIA A WIRELESS INTERFACE IN AN AUTOMOBILE	11/304239	15/DEC/2005		
LOW PRESSURE FUEL INJECTOR NOZZLE	11/846609	29/AUG/2007		
LED INTERCONNECT SPRING CLIP ASSEMBLY	11/686101	14/MAR/2007	7510400	03/31/2009
PROGRAMMABLE ROUTE SPECIFIC DYNAMIC TRAFFIC WARNING SYSTEM	11/580168	12/OCT/2006		
DETECTION OF FUEL SYSTEM PROBLEMS	11/782217	24/JUL/2007	7487761	10/FEB/2009
VEHICLE HEADLAMP UNIT	11/840451	17/AUG/2007	7476014	13/JAN/2009
FLEX CIRCUIT INTERFACE FOR WIRELESS CHARGING	11/763202	14/JUN/2007		
WIRELESS POWER TRANSFER SYSTEM	11/740623	26/APR/2007		
SYSTEM FOR INDUCTIVE POWER TRANSFER	11/695428	02/APR/2007		
A LOW-COST ELECTRONIC ROTARY SWITCH	11/764538	18/JUN/2007	7414205	19/AUG/2008
INTEGRATED ELECTRICAL SHIELD IN A HEAT SINK	11/863874	28/SEP/2007	7529095	05/MAY/2009
LOW PRESSURE FUEL INJECTOR NOZZLE	11/846585	29/AUG/2007		
AUTOMOTIVE VEHICLE INSTRUMENT PANEL SYSTEM	11/832250	01/AUG/2007		
WIRELESS CHARGING DEVICE	29/295422	28/SEP/2007	D572189	01/JUL/2008
LOW PRESSURE FUEL INJECTOR	11/867393	04/OCT/2007		
DOOR MODULE SUPPORT	10/398681	09/OCT/2001	7100330	05/SEP/2006
THREE KNIVES CUTTING	10019992	5/6/2002	7357055	4/15/2008
Audio routing for an automobile	10273490	10/18/2002	7190799	3/13/2007
Satellite receiver system with time delayed signal	11217901	9/1/2005		
Satellite receiver for building selection list based on time	11217900	9/1/2005		
System and method for range measurement of a preceding vehicle	11195427	8/2/2005		
Adaptive lighting system for motor vehicles	11287832	11/28/2005		
MOBILE STORAGE SYSTEM FOR WEAPONS AND WEAPON ACCESSORIES	10770002	2/2/2004	7137511	2/2/2004
COMBINATION OF A SEATING SYSTEM AND A SHARED SENSOR	9995021	11/27/2001		
Method for calibrating a mathematical model	10000725	11/30/2001	7024343	4/4/2006
LIGHT CHANNEL COMMUNICATION SYSTEM	10219876	8/15/2002	6975805	12/13/2005
LCC-BASED FLUID-LEVEL DETECTION SENSOR	10265954	10/7/2002	6949758	9/27/2005
A METHOD OF FORMING A STATOR FOR A BRUSHLESS MOTOR	10212321	8/5/2002	6935011	8/30/2005
CONTROL CONSOLE FOR AN AUTOMOBILE	10273725	10/18/2002	6928350	8/9/2005
ZERO GAP INTEGRATION OF SWITCHING MODULES WITH NEGATIVE VACUUM PROCESS	12/265352	05/NOV/2008		
LED MULTIDIMENSIONAL PRINTED WIRING BOARD USING STANDOFF BOARDS	11/851844	07/SEP/2007		
COLOR MESSAGING LENS	11/851641	07/SEP/2007		
ENVIRONMENT SYNCHRONIZED INTERFACE MANIPULATION	11/862468	27/SEP/2007		
EXTRUDED TUBE FOR USE IN HEAT EXCHANGER	11/862629	27/SEP/2007		
SOUND VOLUME LEVELER FOR SPEED SENSITIVE VOLUME	11/876287	22/OCT/2007		
NEW PROCESS FOR MOLDED DECORATIVE STITCHED SKINS	12/244305	02/OCT/2008		
SWITCH UNIT OPERABLE WITH ROCKER SWITCHES FOR CONTROL UNITS	11/876988	23/OCT/2007		
LED METAL STRIP FLEXIBLE INTERCONNECTION	11/876838	23/OCT/2007		
INTEGRATED DIGITAL RADIO MODULE	11/370420	08/MAR/2006		
HEAT EXCHANGER TANK	11/376880	16/MAR/2006		
HIGH PERFORMANCE LOUVERED FIN FOR HEAT EXCHANGER	11/403311	13/APR/2006		
LOUVERED FIN FOR HEAT EXCHANGER	11/410694	25/APR/2006		
WIRE BOND LED LIGHTING UNIT	11/873021	16/OCT/2007		
MULTI-ZONE TEMPERATURE CONTROL, MODULE FOR AN AIR HANDLING SYSTEM OF A HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM FOR A VEHICLE	11/352871	13/FEB/2006		
A SINGLE CAMERA SYSTEM AND METHOD FOR RANGE AND LATERAL POSITION MEASUREMENT OF A PRECEDING VEHICLE	11/202917	12/AUG/2005		
CONSOLE OR TRIM SKIN FOR LARGE VOLUMES USING A SINGLE PRE-FORMED (FORMED OR MOLDED) SINGLE SKIN	11/335116	19/JAN/2006		

Official Title (English)	Filing number	Filing date	Grant number	Grant date
WIRE CLIP	07/628861	10/DEC/1990	D328023	21/JUL/1992