

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3421012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION AND RELEASE
SEQUENCE:	2

CONVEYING PARTY DATA

Name	Execution Date
JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT	06/30/2015

RECEIVING PARTY DATA

Name:	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Street Address:	1272 DORIS ROAD
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326
Name:	TI AUTOMOTIVE LIMITED
Street Address:	4650 KINGSGATE OXFORD BUSINESS PARK SOUTH, CASCADE WAY OXFORD
City:	OXFORDSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	OX4 2SU
Name:	TI AUTOMOTIVE CANADA, INC.
Street Address:	316 ORENDA ROAD
City:	BRAMALEA, ONTARIO
State/Country:	CANADA
Postal Code:	L6T 1G3
Name:	TI AUTOMOTIVE, L.L.C.
Street Address:	1272 DORIS ROAD
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326
Name:	HANIL USA L.L.C.
Street Address:	1 TWIN CREEKS DRIVE
City:	TALLASSEE
State/Country:	ALABAMA
Postal Code:	36078
Name:	TI GROUP AUTOMOTIVE SYSTEMS S DE R.L. DE C.V.

Street Address:	SIGLO
City:	78394 SAN LUIS, S.L.P.
State/Country:	MEXICO

PROPERTY NUMBERS Total: 263

Property Type	Number
Patent Number:	8632334
Application Number:	11846944
Application Number:	13897777
Application Number:	13433882
Application Number:	13435677
Application Number:	14061309
Patent Number:	5740783
Patent Number:	6357618
Patent Number:	6645421
Patent Number:	6719163
Patent Number:	7409860
Application Number:	61449013
Patent Number:	5525048
Patent Number:	4964391
Patent Number:	5000614
Patent Number:	4951636
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Patent Number:	4961693
Patent Number:	5170764
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Patent Number:	6589617
Application Number:	13741875
Patent Number:	5297410
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Patent Number:	7481465
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Application Number:	12048947
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Application Number:	61502470
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Patent Number:	6231318
Patent Number:	6702974

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Patent Number:	6668645
Patent Number:	6547515
Patent Number:	7347191
Patent Number:	6679399
Patent Number:	6877522
Patent Number:	6848463
Patent Number:	6799941
Patent Number:	6966302
Patent Number:	6893206
Patent Number:	7188610
Patent Number:	6993967
Patent Number:	6871640
Patent Number:	7766034
Application Number:	12835146
Patent Number:	7097445
Patent Number:	6807952
Patent Number:	6990998
Patent Number:	6877627
Patent Number:	7850890
Patent Number:	6932562
Patent Number:	7037066
Patent Number:	6821422
Patent Number:	6875258
Patent Number:	6868724
Patent Number:	7644873
Patent Number:	7179066
Patent Number:	7565986
Patent Number:	7704440
Patent Number:	7182869
Application Number:	10912665
Patent Number:	6966305

Property Type	Number
Patent Number:	7617851
Patent Number:	7726335
Patent Number:	7874818
Application Number:	11134486
Patent Number:	7618241
Patent Number:	7091819
Patent Number:	7296600
Application Number:	11602940
Patent Number:	7565837
Patent Number:	7069913
Patent Number:	7353807
Patent Number:	7556024
Patent Number:	7520293
Patent Number:	7918204
Patent Number:	7784637
Patent Number:	7874817
Patent Number:	7779820
Application Number:	12240448
Patent Number:	7631635
Application Number:	12268683
Application Number:	12102476
Application Number:	12608408
Application Number:	12607602
Application Number:	12828347
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Application Number:	13038936
Application Number:	13360206
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Patent Number:	8499787
Patent Number:	8933609
Application Number:	13561381
Application Number:	13528430
Patent Number:	8524030
Application Number:	13602651
Patent Number:	8840385
Application Number:	13528537
Application Number:	13428398
Application Number:	09778770

Property Type	Number
Application Number:	10044637
Application Number:	13613156

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	CRS1-40255
NAME OF SUBMITTER:	PENELOPE J.A. AGODOA
SIGNATURE:	/pja/
DATE SIGNED:	06/30/2015

Total Attachments: 26
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TERMINATION AND RELEASE OF PATENT SECURITY INTEREST, dated as of June 30, 2015 (this “Release”), by JPMORGAN CHASE BANK, N.A., as Administrative Agent under the Existing Credit Agreement (as defined below), in favor of the Grantor. Capitalized terms used herein and not otherwise defined shall have the meanings assigned to such terms in the Existing Credit Agreement, the Existing Term Loan Collateral Agreement or the Existing Patent Security Agreements, as applicable, referred to below.

Reference is made to (i) the Second Amended and Restated Term Loan and Guaranty Agreement dated as of March 14, 2012, as amended as of March 28, 2013 and further amended as of July 2, 2014 (as further amended, restated, supplemented or otherwise modified prior to the date hereof, the “Existing Credit Agreement”), among TI Automotive Limited, a company with limited liability organized under the laws of England and Wales, TI Group Automotive Systems, L.L.C., a Delaware limited liability company, (the “Borrower”), the Lenders party thereto (the “Lenders”) and JPMorgan Chase Bank, N.A., as Administrative Agent and Collateral Agent (the “Administrative Agent”), (ii) the Term Loan Collateral Agreement dated as of March 14, 2012, (as further amended, restated, supplemented or otherwise modified prior to the date hereof, the “Existing Term Loan Collateral Agreement”), among the Borrower, certain grantors party thereto and the Administrative Agent, and (iii) the Patent Security Agreement dated as of March 14, 2012, as supplemented as of March 28, 2013 and further supplemented as of July 2, 2014 (the “Existing Patent Security Agreements”) among the Borrower, TI Automotive Limited, TI Automotive Canada, Inc., TI Automotive, L.L.C., Hanil USA L.L.C., TI Group Automotive Systems S de R.L. de C.V. (collectively, the “Grantors,” and each, a “Grantor”) and the Administrative Agent ((ii) and (iii), together, the “Existing Security Agreements”).

WHEREAS, pursuant to the Existing Security Agreements, the Grantor granted to the Administrative Agent, for the benefit of the Secured Parties, a security interest in all right, title or interest of the Grantor in, to and under certain Patent Collateral, including the patents of the Grantor set forth on Schedule A hereto (the “Patents”), which security interests were recorded with the United States Patent and Trademark Office on March 14, 2012 on Reel 027864, Frame 0968, on March 28, 2013 on Reel 030105, Frame 0279 and on July 2, 2014 on Reel 033266, Frame 0850.

WHEREAS the Administrative Agent, on behalf of the Secured Parties, hereby releases all right, title and interest granted to it, for the benefit of the Secured Parties, under the Existing Security Agreements in and to the Patents.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Administrative Agent hereby (i) terminates, cancels and releases any and all security interests it has in and against the Patents and (ii) reassigns all right, title and interest it may have in, to or under the Patents, together with the goodwill associated therewith, to the Grantor.

The Administrative Agent shall take all further actions, and provide to any Grantor, its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor to more fully and effectively effectuate the purposes of this Release at the expense of the Grantor.

The execution and delivery of this Release and the performance of any actions by the Administrative Agent in accordance with this Release are made without representation or warranty by, or recourse to, the Administrative Agent or any other Secured Party.

THIS RELEASE SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK AND SHALL BE BINDING UPON THE ADMINISTRATIVE AGENT'S REPRESENTATIVES, SUCCESSORS, ASSIGNS AND TRANSFEREES.

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

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

By



Name: Richard W. Düker
Title: Managing Director

[Signature Page – Termination and Release of Patent Security Interest]

SCHEDULE A

US PATENTS

Title	Appln #	Patent #	Owner/Assignee
	Appln Date	Grant Date	
APPARATUS FOR BLOW MOLDING	13/464276 4-MAY-2012	8632334 21-JAN-2014	TI Group Automotive Systems LLC
RING SEAL WITH AXIALLY-OPPOSED RADIALY-OFFSET SEAL BEADS	11/846944 29-AUG-2007	7854434 21-DEC-2010	TI Group Automotive Systems, LLC & <u>Engineered Seals Division of Parker-Hannifin Corporation</u>
FUEL TANK OPENING	13/897777 20-MAY-2013	20130251835 26-SEP-2013	TI Group Automotive Systems LLC
THRESHOLD CONDITION INDICATION IN VEHICLE FUEL SYSTEM	13/433882 29-MAR-2012	20130256161 3-OCT-2013	TI Group Automotive Systems LLC
FUEL SYSTEM VALVE ASSEMBLY	13/435677 30-MAR-2012	20130256577 3-OCT-2013	TI Group Automotive Systems LLC
CONTACTLESS LIQUID LEVEL SENSOR	14/061309 23-OCT-2013	20140116131 1-MAY-2014	TI Group Automotive Systems LLC
ENGINE DEMAND FUEL DELIVERY SYSTEM	19960749448 15-NOV-1996	5740783 21-APR-1998	TI Group Automotive Systems LLC
FUEL TANK ASSEMBLY FOR A MOTOR VEHICLE	20000633442 7-AUG-2000	6357618 19-MAR-2002	TI Group Automotive Systems LLC
METHOD FOR MAKING A PLASTIC CONTAINER	20000644955 23-AUG-2000	6645421 11-NOV-2003	TI Group Automotive Systems LLC
POLYMERIC FUEL CONTAINER	20000653509 1-SEP-2000	6719163 13-APR-2004	TI Group Automotive Systems LLC

Fuel Level Measurement Device	11353345 2/14/06	7409860 8/12/08	TI Group Automotive Systems, L.L.C.
Fuel Pump Assembly	US20120360294 20120127	US2012201702 20120809	TI Group Automotive Systems, L.L.C.
Impeller And Fluid Pump	US20120360206 20120127	US2012201700 20120809	TI Group Automotive Systems, L.L.C.
Positive Displacement Fluid Pump	61/449,013 3/3/11		TI Group Automotive Systems, L.L.C.
Pressure Control Valve	12835146 7/13/10	20100276623 11/4/10	TI Group Automotive Systems, L.L.C.
Verification Pin	US20100950145 20101119	US2011121559 20110526	TI Group Automotive Systems, L.L.C.
Cantilever Armature Mount For Fuel Pumps	US19950388246 19950214	US5525048 19960611	TI Group Automotive Systems, L.L.C.
Check Valve For Engine Fuel Delivery Systems	US19890358860 19890530	US4964391 19901023	TI Group Automotive Systems, L.L.C.
Conduit Quick Connector Assembly Having A Ramped Housing With A Hair Pin Retainer	US19890347981 19890505	US5000614 19910319	TI Group Automotive Systems, L.L.C.
Constant Pressure-Differential	US19880276801	US4951636	TI Group Automotive Systems, L.L.C.

Fuel Injection System	19881128	19900828	TI Group Automotive Systems, L.L.C.
Electric Motor Driven Liquid Pump And Brush For Same	US20120585222 20120814	US2013049524 20130228	TI Group Automotive Systems, L.L.C.
Flow Control Fitting Enabling High Flow Rates	US19900605918 19901030	US5027861 19910702	TI Group Automotive Systems, L.L.C.
Fluid Distribution System With Filtration	US20120561381 20120730	US2013037116 20130214	TI Group Automotive Systems, L.L.C.
Fluid Level Sensor	US20120528430 20120620	US2013000741 20130103	TI Group Automotive Systems, L.L.C.
Fuel Pump Isolation Mount	US19880284996 19881216	US4961693 19901009	TI Group Automotive Systems, L.L.C.
Fuel Pump Pick-Up System	US19910813126 19911223	US5170764 19921215	TI Group Automotive Systems, L.L.C.
Fuel Pump Tubular Pulse Damper	US19940311514 19940923	US5516266 19960514	TI Group Automotive Systems, L.L.C.
Fuel System Organizer For Automotive Vehicles	US19880272087 19881116	US5002244 19910326	TI Group Automotive Systems, L.L.C.
Fuel Tank And Method For Reducing Vapor Permeation Through A Fuel Tank	US20120469247 20120511	US2012222806 20120906	TI Group Automotive Systems, L.L.C.
In-Tank Evaporative Emission Control System	US20120602651 20120904	US2013061934 20130314	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
In-Tank Fuel Module	US19900508427 19900413	US5038741 19910813	TI Group Automotive Systems, L.L.C.

Title	Appln # Appln Date	Patent # Grant Date	Owner/ Assignee
In-Tank Fuel Pump Assembly For Fuel-Injected Engines	US19860898432 19860820	US4860714 19890829	TI Group Automotive Systems, L.L.C.
In-Tank Fuel Pump Mount	US19890312259 19890217	US5002467 19910326	TI Group Automotive Systems, L.L.C.
In-Tank Fuel Reservoir With Fuel Level Sensor	US19890318126 19890302	US4928657 19900529	TI Group Automotive Systems, L.L.C.
In-Tank Fuel Reservoir With Reservoir Fuel Level Control	US19890314878 19890224	US4893647 19900116	TI Group Automotive Systems, L.L.C.
Integrated Fuel Pressure Regulator And Rail Assembly	US19950552800 19951103	US5577478 19961126	TI Group Automotive Systems, L.L.C.
Lateral Channel Supply Pump	US19850777332 19850918	US4715777 19871229	TI Group Automotive Systems, L.L.C.
Multi-Wall Tube	US19980181627 19981028	US6092556 20000725	TI Group Automotive Systems, L.L.C.
Positive Displacement Fluid Pump	US20120405480 20120227	US2012224991 20120906	TI Group Automotive Systems, L.L.C.
Pressure-Responsive Fuel Delivery System	US19890421810 19891016	US5044344 19910903	TI Group Automotive Systems, L.L.C.
Quick Connect Coupling	US19870093267 19870904	US4846506 19890711	TI Group Automotive Systems, L.L.C.

Quick Connect Fluid Coupling	US19880180307 19880412	US4819908 19890411	TI Group Automotive Systems, L.L.C.
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Title	Appln # Appln Date	Patent # Grant Date	Owner/ Assignee
Quick Connector With Visual Checking Method	US19880261684 19881024	US4925217 19900515	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Release Tool For Fluid Quick Connectors	US19890319960 19890307	US4927185 19900522	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Rotary Positive Displacement Fuel Pump With Purge Port	US19860860866 19860508	US4697995 19871006	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Scr Fluid Distribution And Circulation System	US20120528537 20120620	US2013000743 20130103	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Self-Contained Rotary Fuel Pump	US19810228346 19810126	US4401416 19830830	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Sensor Housing And Latching Mechanism For Sensor Housing	US20120428398 20120323	US2012247179 20121004	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Swivelable Quick Connector	US19880249502 19880926	US4869534 19890926	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Vehicular Climate Control System	US20090548652 20090827	US8360476 20130129	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.

Rotary Fuel Pump	06557468 12/5/83	4540354 9/10/85	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Gear Rotor Fuel Pump	06642777 8/21/84	4596519 6/24/86	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Fuel Delivery System With Pressure-Controlled Electric Pump	06917633 10/10/86	4728264 3/1/88	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.

Title	Appln # Appln Date	Patent # Grant Date	Owner/ Assignee
In-Tank Fuel Reservoir And Filter Diaphragm	06928184 11/7/86	4747388 5/31/88	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
In-Tank Fuel Reservoir With Reservoir Fuel Level Control	07153316 2/8/88	4831990 5/23/89	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
In-Tank Fuel Reservoir With Fuel Vapor Separation	07201418 6/2/88	4878518 11/7/89	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
In-Tank Fuel Reservoir With Fuel Vapor Separation	07201633 6/2/88	4878816 11/7/89	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Pressure-Responsive Fuel Delivery System	07324649 3/17/89	4926829 5/22/90	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
System For Controlling The Release Of Fuel Vapors From A Vehicle Fuel Tank	07402943 9/1/89	4934417 6/19/90	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Flow Control Device	07319961 3/7/89	4986312 1/22/91	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.

System For Controlling The Release Of Fuel Vapors From A Vehicle Fuel Tank	07409464 9/19/89	5033517 7/23/91	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Fuel Pressure Regulator	07892252 6/2/92	5220941 6/22/93	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Metal Tubing Coated With Multiple Layers Of Polymeric Materials	09370424 8/9/99	6589617 7/8/03	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Valve Collect For Desmodromic Engine	09778770 2/8/01	20010032959 10/25/01	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
In-Tank Fuel Module Inlet Strainer With ESD Protection	10044637 1/11/02	20030131828 7/17/03	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Fluid Distribution System And Components Thereof	13613156 9/13/12	20130000760 1/3/13	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.
Fluid Distribution Manifold	13741875 1/15/13		TI GROUP AUTOMOTIVE SYSTEMS, L.L.C.

SCHEDULE 1 TO PATENT SECURITY AGREEMENT

US PATENTS

Patent Name	Country	Owner	Application No.	Filing Date	Patent No.	Issue Date
METHOD OF MANUFACTURING A MULTIPLE-WALLED TUBE	USA	BUNNDY INTERNATIONAL LIMITED TI GROUP	07/985935	12/4/1992	5297410	3/29/1994
A METHOD FOR MANUFACTURING A MULTIPLE WALLED TUBE	USA	AUTOMOTIVE SYSTEMS LIMITED TI GROUP	09/923818	8/7/2001	6639194	10/28/2003
DW TUBE WITH ONLY ONE I SIDE COATED	USA	AUTOMOTIVE SYSTEMS LIMITED TI GROUP	10/274005	10/17/2002	6887364	5/3/2005
WIRE HARNESS CONDUIT AND TUBE BUNDLE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	07/976524	11/16/1992	5703330	12/30/1997
FLUID CONDUIT QUICK CONNECTORS WITH ANTI-SPILL VALVES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	07/918986	7/23/1992	5273254	12/28/1993
TUBE COUPLING W/ SECONDARY RETAINER CLIP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	07/858826	3/27/1992	5303963	4/19/1994
TUBING CONNECTOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/039348	4/21/1993	5423577	6/13/1995
QUICK CONNECT TUBING CONNECTOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/183182	1/18/1994	5538297	7/23/1996
FLUID LINE ADAPTER	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/091863	7/15/1993	5368275	11/29/1994
INSERTION INDICATOR/VERIFIER FOR QUICK CONNECTOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/183183	1/18/1994	5441313	8/15/1995
FLUID CONDUIT QUICK CONNECT W/ ANTI SPILL VALVES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/136702	10/15/1993	5338002	8/16/1994
STUFFER PIN ARRANGEMENT FOR BRAKE CONNECTORS	USA	AUTOMOTIVE SYSTEMS LLC	08/314892	9/29/1994	5486025	1/23/1996
QC W/ TUBE ACTIVATED CHECK	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/307378	9/16/1994	5485982	1/23/1996

VALVE		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/308087	9/16/1994	5518276	5/21/1996
QC W/PULL BACK VERIFICATION AND METHOD		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/308087	9/16/1994	5518276	5/21/1996
BRAKE TUBE COUPLING		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	07/962780	10/19/1992	5310029	5/10/1994
QUICK CONNECTOR WITH SECONDARY LATCH		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/429317	4/26/1995	5628531	5/13/1997
CORROSION-RESISTANT CRIMP JOINT TUBE-TO-HOSE COUPLING (SPIN-SERT) AND METHOD OF MAKING SAME		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/404517	3/15/1995	5622394	4/22/1997
TUBE-TO-HOSE COUPLING (CRIMP-SERT) AND METHOD OF MAKING SAME		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/112751	8/25/1993	5370425	12/6/1994
OPTIMALLY SIZED QC W/INTEGRAL RELEASE MECHANISM		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/111979	8/25/1993	5417461	5/23/1995
FLUID QUICK CONNECTOR		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/392498	2/23/1995	5700040	12/23/1997
CONNECTION VERIFIER FOR QC COUPLING		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/312457	9/26/1994	5499848	3/19/1996
CONNECTOR VERIFIER FOR A QUICK CONNECTOR COUPLING		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/614364	3/12/1996	5785358	7/28/1998
MULTI-LAYER TUBING ASSEMBLY FOR FLUID AND VAPOR HANDLING SYSTEMS		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/676728	7/8/1996	5931201	8/3/1999
REINFORCED FLEXIBLE TUBING FOR FLUID HANDLING SYSTEMS AND METHOD		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/326719	6/7/1999	6155304	12/5/2000
QUICK CONNECT RETAINER HAVING TOLERANCE FOR WIDE BAND OF MALE TUBE DIMENSIONS		USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/673574	7/1/1996	6179341	1/30/2001
QUICK CONNECT RETAINER HAVING TOLERANCE FOR WIDE BAND OF MALE TUBE DIMENSIONS		USA	AUTOMOTIVE SYSTEMS LLC	09/470002	12/22/1999	6349977	2/26/2002

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FLUID QUICK CONNECTION METAL TUBING COATED W/ MULTIPLE LAYERS OF POLYMERIC MATERIALS	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	08/782618	1/13/1997	5725258	3/10/1998
METAL TUBING COATED WITH MULTIPLE LAYERS OF POLYMERIC MATERIALS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/806232	2/24/1997	5972450	10/26/1999
COUPLING ASSEMBLIES FOR PROVIDING FLUID CONNECTION	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/153416	5/22/2002	6689440	2/10/2004
COUPLING ASSEMBLIES FOR PROVIDING FLUID CONNECTION	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/327168	8/20/1999	6497433	12/24/2002
COUPLING ASSEMBLIES FOR PROVIDING FLUID CONNECTION	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/450933	11/29/1999	6173994	1/16/2001
FLEXIBLE HOSE FORMED WITH INTEGRAL CONNECTOR HOUSINGS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/164941	10/1/1998	6315333	11/13/2001
TUBE ASSEMBLY FOR AUXILIARY HEATING AND AIR CONDITIONING SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/960788	10/30/1997	6009908	1/4/2000
TUBE ASSEMBLY FOR AUXILIARY HEATING AND AIR CONDITIONING SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC AND CHRYSLER CORPORATION TI GROUP	09/442586	11/18/1999	6131615	10/17/2000
TUBE ASSEMBLY FOR AUXILIARY HEATING AND AIR CONDITIONING SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC AND CHRYSLER CORPORATION TI GROUP	09/442950	11/18/1999	6145545	11/14/2000
MID-LINE COUPLING CONNECTOR FOR CONNECTING A HOSE TO A FLUID PATH WITHIN A BORE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/589489	6/7/2000	6443501	9/3/2002
INSERTION VERIFIER DUST CAP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/558994	4/27/2000	6312020	11/6/2001
INSERTION VERIFIER DUST CAP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/436121	11/8/1999	6343814	2/5/2002
INSERTION VERIFIER DUST CAP	USA	AUTOMOTIVE SYSTEMS LLC	09/966935	9/28/2001	6676171	1/13/2004

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FITTING ASSEMBLY FOR FLUID AND VAPOR CONNECTION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/385898	8/30/1999	6367850	4/9/2002
FITTING ASSEMBLY FOR FLUID AND VAPOR CONNECTION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/589015	6/7/2000	6688653	2/10/2004
CO-TUBE ASSEMBLY FOR HEATING AND AIR CONDITIONING SYSTEM	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/599081	6/20/2000	6390137	5/21/2002
INTEGRATED SEAL FOR TUBE TO HOSE CONNECTION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/893666	7/16/2004	7150478	12/19/2006
INTEGRATED SEAL FOR TUBE TO HOSE CONNECTION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/557335	11/7/2006		
QUICK CONNECTOR FOR HIGH PRESSURE APPLICATIONS	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/039541	1/19/2005	7344166	3/18/2008
SECONDARY LATCH/VERIFIER FOR A QUICK CONNECTOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/087358	3/23/2005	7390025	6/24/2008
QUICK CONNECTOR FOR HIGH PRESSURE APPLICATIONS	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/218666	9/2/2005	7488005	2/10/2009
PASSIVE TRANSMITTER FOR A QUICK CONNECTOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/991973	11/18/2004	7128347	10/31/2006
COUPLING ASSEMBLY FOR TUBING AND HOSE CONNECTION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/219384	9/2/2005	7472931	1/6/2009
QUICK CONNECTOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/174262	6/30/2005	7467813	12/23/2008
PROTECTIVE CAP FOR QUICK CONNECTOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/275411	11/21/2008	7891380	2/22/2011
QUICK CONNECTOR COUPLING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/544702	10/6/2006	7731245	6/8/2010
ANTI-ROTATION QUICK CONNECTOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/358460	2/21/2006	7967342	6/28/2011

VERIFIER AND REDUNDANT LATCH FOR QUICK CONNECTORS (EQOC)	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/411504	4/26/2006	7484774	2/3/2009
QUICK CONNECTOR WITH CONDUCTIVE PATH	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/841506	8/20/2007	7866711	1/11/2011
PULL TAB VERIFIER ASSEMBLY FOR QUICK CONNECTORS	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/440753	5/25/2006	7497477	3/3/2009
PRESSURE APPLICATIONS, ASSEMBLY TOOL AND METHOD	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/219383	9/2/2005	7481465	1/27/2009
QUICK CONNECTOR (OBDII)	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/683250	3/7/2007	7503784	3/17/2009
HYBRID QUICK CONNECTOR QUICK CONNECTOR FOR HIGH PRESSURE APPLICATIONS, ASSEMBLY TOOL AND METHOD	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/528084	9/27/2006	7497480	3/3/2009
NON-SERVICEABLE LATCH ASSEMBLY	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/048947	3/14/2008		
QUICK CONNECTOR AND CAP ARRANGEMENT	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/748774	5/15/2007	7530604	5/12/2009
TUBE TO HOSE COUPLING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/126360	5/23/2008	8113548	2/14/2012
VEHICULAR CLIMATE CONTROL SYSTEM	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/100174	4/29/2008	7708318	5/4/2010
QUICK CONNECTOR COUPLING WITH PULL TAB VERIFIER	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/548652	8/27/2009		
QUICK CONNECTOR COUPLING WITH STABILIZATION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/534418	8/3/2009		
QUICK CONNECTOR WITH SEAL ASSEMBLY RETAINER	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/547548	8/26/2009		
VERIFICATION PIN	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/396129	3/2/2009		
			12/950145	11/19/2010		

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TI LOC LIQUID PRESSURE SENSOR	USA	SYSTEMS LLC TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	61/470838	4/1/2011		
FLUID DISTRIBUTION MANIFOLD	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	61/594106	1/26/2012		
ELECTROSTATIC CHARGE CONTROL FOR IN-TANK MODULES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/441213	5/19/2003	6877373	4/12/2005
ELECTROSTATIC CHARGE CONTROL FOR IN-TANK MODULES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/028750	1/4/2005	7089918	8/15/2006
ELECTROSTATIC CHARGE CONTROL FOR IN TANK MODULE COMPONENTS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/391092	3/28/2006	7527042	5/5/2009
ELECTROSTATIC CHARGE CONTROL FOR IN TANK MODULE COMPONENTS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/120554	5/3/2005	7140247	11/28/2006
ELECTROSTATIC CHARGE CONTROL FOR IN-TANK MODULES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	60/668313	4/5/2005		
ELECTROSTATIC CHARGE CONTROL FOR IN-TANK FUEL MODULE COMPONENTS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/389899	3/27/2006	7467549	12/23/2008
ELECTROSTATIC CHARGE CONTROL FOR IN-TANK MODULES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	12/275306	11/21/2008	7793539	9/14/2010
DEHYDRATING ACCUMULATOR FOR REFRIGERATION SYSTEMS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	09/552845	4/20/2000	6442965	9/3/2002
FLUID LEVEL SENSOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	61/503308	6/30/2011		
IN-TANK EVAPORATIVE EMISSION CONTROL SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	61/533330	9/12/2011		
SCR FLUID DISTRIBUTION AND CIRCULATION SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	61/502470	6/29/2011		
ELECTRIC MOTOR DRIVEN LIQUID PUMP AND BRUSH FOR SAME	USA	AUTOMOTIVE SYSTEMS LLC	61/526416	8/23/2011		

FLUID DISTRIBUTION SYSTEM WITH FILTRATION	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	61/521109	8/8/2011			
CHECK VALVE FOR ENGINE FUEL DELIVERY SYSTEMS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08206170	3/7/1994	5421306		6/6/1995
PRESSURE-RESPONSIVE FUEL DELIVERY SYSTEM FUEL DELIVERY SYSTEM SYSTEM WITH OUTLET PRESSURE REGULATION	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	07/816730	1/3/1992	5148792		9/22/1992
ATTITUDE AND LATERAL FORCE ACTIVATED VALVE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	07/842561	2/27/1992	5195494		3/23/1993
HIGH CAPACITY FUEL PUMP AND FILTER COMBINATION	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	07/977124	11/16/1992	5237977		8/24/1993
FUEL PRESSURE REGULATOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/313742	9/27/1994	5111957		4/30/1996
ELECTRIC MOTOR FLAT COMMUTATOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/037031	3/25/1993	5265644		11/30/1993
CHECK AND VENT VALVE ASSEMBLY	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/574727	12/19/1995	5793140		8/11/1998
SUBMERSIBLE ELECTRONIC DRIVE MODULE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/347283	11/30/1994	5623910		4/29/1997
FUEL PUMP OUTLET ASSEMBLY	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/340115	11/15/1994	5613844		3/25/1997
TURBINE FUEL PUMP WITH FUEL JET (TURBI-JET PATENT)	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/533379	9/25/1995	5697769		9/25/1997
FUEL TANK FILLER NECK CHECK VALVE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/247560	5/23/1994	5452701		9/26/1995
REGENERATIVE FUEL PUMP FUEL TANK VAPOR CONTROL APPARATUS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/428340	4/25/1995	5660206		8/26/1997
			08/662,223 & 08/418,666	6/12/1996	5680700		10/28/1997
			08/547434	10/24/1995	5579802		12/3/1996

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RETURNLESS FUEL SYSTEM WITH DEMAND FUEL PRESSURE REGULATOR	USA	SYSTEMS LLC TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	08/398215	3/2/1995	5579739	12/3/1996
LIQUID PROPANE FUEL DELIVERY SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/488813	6/9/1995	5623907	4/29/1997
FUEL TANK LEVEL EQUALIZER SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/673068	7/1/1996	5979485	11/9/1999
IN-TANK FUEL PUMP FILTER	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/552799	11/3/1995	5702237	12/30/1997
FUEL PUMP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/728270	10/8/1996	5702229	12/30/1997
IN-TANK FUEL PUMP AND RESERVOIR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/602087	2/15/1995	5647328	7/15/1997
FUEL SYSTEM FOR REDUCING FUEL VAPOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/994417	12/19/1997	6000426	12/14/1999
FUEL PRESSURE REGULATOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/812597	3/7/1997	5873349	2/23/1999
ELECTRIC FUEL PUMP RFI MODULE WITH PRE-MOLDED HOUSING	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/747541	11/12/1996	5734212	3/31/1998
IN-TANK FUEL PUMP AND RESERVOIR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	08/643634	5/6/1996	5647329	7/15/1997
TAPERED CHANNEL TURBINE FUEL PUMP	USA	AUTOMOTIVE SYSTEMS LLC TI Group Automotive Systems, LLC and Isothermal Systems Research, Inc. and Silicon Valley Bank (Security Interest)	09/024168	2/17/1998	6068456	5/30/2000
BRUSHLESS COOLANT PUMP AND COOLING SYSTEM	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/397359	9/16/1999	6447270	9/10/2002
IN-TANK FUEL PUMP AND RESERVOIR WITH STAND PIPE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	08/891628	7/9/1997	5809975	9/22/1998

PRESSURE BALANCED FUEL PUMP IMPELLER	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/003196	1/6/1998	6019570	2/1/2000
FORCE BALANCED LATERAL CHANNEL FUEL PUMP	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/371236	8/10/1999	6162012	12/19/2000
METHOD AND FLAT COMMUTATOR (ELECTRIC MOTOR COMMUTATOR)	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/072933	5/5/1998	5925962	7/20/1999
METHOD AND FLAT COMMUTATOR (ELECTRIC MOTOR COMMUTATOR)	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/255610	2/19/1999	5962946	10/5/1999
MEASUREMENT OF MULTILAYER STRUCTURES	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	08/910124	8/13/1997	5866819	2/2/1999
CONTROL VALVE AND SYSTEM FOR FUEL VAPOR RECOVERY	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	08/963340	11/3/1997	5960817	10/5/1999
FUEL TANK FILLER NECK WITH BYPASS PASSAGE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	08/938588	9/26/1997	5947153	9/7/1999
FUEL ADDITIVE DELIVERY SYSTEM	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/141487	8/27/1998	6068672	5/30/2000
FUEL PRESSURE REGULATOR AND FUEL FILTER MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/283404	4/1/1999	6155238	12/5/2000
TURBINE FUEL PUMP	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/251382	2/17/1999	6113363	9/5/2000
RECESSED FUEL PUMP MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/327880	6/8/1999	6155793	12/5/2000
PARISON HANDLING DEVICE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/301230	4/28/1999	6176699	1/23/2001
METHOD OF HANDLING AND TRANSFERRING A MOLTEN PARISON	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/687315	10/13/2000	6428739	8/6/2002
MULTI-FUNCTION FUEL PUMP MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/300929	4/28/1999	6213100	4/10/2001
VEHICLE FUEL SYSTEM	USA	TI GROUP AUTOMOTIVE	09/512540	2/24/2000	6302144	10/16/2001

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FUEL SYSTEM WITH JET PUMP SWITCHING REGULATOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/495676	2/1/2000	6343589	2/5/2002
VAPOR VENT SCHEME FOR PASSIVE FILTER RESERVOIR CONNECTOR AND METHOD OF SEALING ELECTRICAL WIRE AGAINST FLUID LEAKAGE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/412084	10/4/1999	6213726	4/10/2001
TURBINE FUEL PUMP	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/630952	8/3/2000	6308732	10/30/2001
MULTI-LAYER POLYMERIC CAP AND METHOD OF MAKING THE SAME	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/606702	6/29/2000	7600652	10/13/2009
IN-TANK FUEL PUMP RESERVOIR METHOD FOR INJECTION MOLDED COMPONENT WITH FUEL VAPOR BARRIER LAYER	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/527722	3/17/2000	6231318	5/15/2001
VENT AND ROLLOVER VALVE AND FUEL PUMP MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/817570	3/26/2001	6702974	3/9/2004
VENT AND ROLLOVER VALVE AND FUEL PUMP MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/755478	1/5/2001	6311675	11/6/2001
VENT AND ROLLOVER VALVE AND FUEL PUMP MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/975829	10/12/2001	6634341	10/21/2003
FUEL PUMPING ASSEMBLY (SIDE OUTLET TURBINE PUMP) RFI SHIELD STRUCTURE FOR AN ELECTRIC MOTOR IN A FUEL PUMP HOUSING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/594141	6/14/2000	6227819	5/8/2001
FUEL SUPPLY SYSTEM RESPONSIVE TO ENGINE FUEL DEMAND	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/846458	5/1/2001	6541883	4/1/2003
AUTOMOTIVE FUEL TANK ELECTRICAL FITTING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/727616	12/1/2000	6279541	8/28/2001
AUTOMOTIVE FUEL TANK ELECTRICAL FITTING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/765252	1/18/2001	6555754	4/29/2003
AUTOMOTIVE FUEL TANK ELECTRICAL FITTING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/119498	4/29/2005	RE40537	10/14/2008

OPTICAL FUEL LEVEL SENSOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/17/4425	6/18/2002	6668645	12/30/2003
FUEL PUMP WITH VAPOR VENT	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	09/757200	1/9/2001	6547515	4/15/2003
VEHICLE FUEL SYSTEM	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/155787	6/17/2005	7347191	3/25/2008
FUEL TANK FASTENERS	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/058915	1/28/2002	6679399	1/20/2004
FUEL TANK ASSEMBLY	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/294870	11/14/2002	6877522	4/12/2005
VAPOR VENT VALVE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/358705	2/5/2003	6848463	2/1/2005
TURBINE FUEL PUMP AND METHOD FOR CALIBRATING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/174924	6/19/2002	6799941	10/5/2004
FUEL SYSTEM AND FLOW CONTROL VALVE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/765648	1/26/2004	6966302	11/22/2005
MULTI-STAGE FUEL PUMP	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/431259	5/7/2003	6893206	5/17/2005
NO RETURN LOOP FUEL SYSTEM	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/946953	9/22/2004	7188610	3/13/2007
FLUID LEVEL SENSOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/613164	7/3/2003	6993967	2/7/2006
FUEL TANK HAVING A MULTI-LAYER STRUCTURE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	10/391973	3/18/2003	6871640	3/29/2005
PRESSURE CONTROL VALVE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/451756	6/13/2006	7766034	8/3/2010
PRESSURE CONTROL VALVE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/835146	7/13/2010		

METHOD AND APPARATUS FOR MAKING A BLOW MOLDED FUEL TANK	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	10/653783	9/3/2003	7097445	8/29/2006
FUEL TANK AND FUEL FLOW CONTROL DEVICE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/624863	7/22/2003	6807952	10/26/2004
FUEL TANK AND FUEL FLOW CONTROL DEVICE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/930125	8/31/2004	6990998	1/31/2006
FUEL TANK	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/352563	1/28/2003	6877627	4/12/2005
METHOD OF MANUFACTURING A FUEL TANK	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/060330	2/17/2005	7850890	12/14/2010
SINGLE STAGE, DUAL CHANNEL TURBINE FUEL PUMP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/459993	6/12/2003	6932562	8/23/2005
TURBINE FUEL PUMP IMPELLER	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/458426	6/10/2003	7037066	5/2/2006
STRAINER ASSEMBLY	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/461805	6/13/2003	6821422	11/23/2004
FUEL TANK ASSEMBLY	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/409682	4/9/2003	6875258	4/5/2005
SEALED FUEL LEVEL SENSOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/431861	5/8/2003	6868724	3/22/2005
FUEL TRANSFER ARRANGEMENT	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/779394	2/13/2004	7644873	1/12/2010
ELECTRONIC MOTOR FUEL PUMP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/639938	8/13/2003	7179066	2/20/2007
FUEL SYSTEM COMPONENT AND METHOD OF MANUFACTURE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/726182	12/2/2003	7565986	7/28/2009
FUEL SYSTEM COMPONENT AND METHOD OF MANUFACTURE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/999455	11/30/2004	7704440	4/27/2010
FUEL FILTER ARRANGEMENT	USA	AUTOMOTIVE	10/960812	10/7/2004	7182869	2/27/2007

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METHOD AND APPARATUS FOR BLOW MOLDING	USA	SYSTEMS LLC TI GROUP AUTOMOTIVE SYSTEMS LLC TI GROUP	10/912665	8/5/2004			
FUEL DELIVERY ASSEMBLY FOR VEHICLES	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/664116	9/17/2003	6966305		11/22/2005
REFUELING VAPOR RECOVERY SYSTEM	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/857690	5/28/2004	7617851		11/17/2009
CHECK VALVE APPARATUS FOR FUEL DELIVERY SYSTEMS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/117837	4/29/2005	7726335		6/11/2010
ELECTRIC MOTOR FUEL PUMP HAVING A REDUCED LENGTH FUEL TANK AND METHOD FOR REDUCING VAPOR PERMEATION THROUGH A FUEL TANK	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/974202	10/27/2004	7874818		1/25/2011
FUEL PUMP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/134486	5/20/2005			11/17/2009
VARIABLE RESISTOR CARD FOR A FUEL LEVEL SENSOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/158389	6/22/2005	7091819		8/15/2006
VALVE ASSEMBLY AND REFUELING SENSOR	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	10/955298	9/30/2004	7296600		11/20/2007
FUEL LEVEL MEASUREMENT DEVICE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/353345	2/14/2006	7409860		8/12/2008
FLUID ENCAPSULANT FOR PROTECTING ELECTRONICS	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/602940	11/21/2006			
FUEL LEVEL SENSOR VARIABLE RESISTOR ASSEMBLY	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/417023	5/3/2006	7565837		7/8/2009
FUEL DELIVERY SYSTEM FOR A COMBUSTION ENGINE	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	11/206478	8/15/2005	7069913		7/4/2006
JET PUMP ASSEMBLY OF A FUEL SYSTEM FOR A COMBUSTION ENGINE	USA	AUTOMOTIVE SYSTEMS LLC	11/390329	3/27/2006	7353807		4/8/2008

FUEL SUPPLY MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/533197	9/19/2006	7556024	7/7/2009
FUEL STORAGE SYSTEM FOR A VEHICLE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/355391	2/16/2006	7520293	4/21/2009
MOUNTING BRACKET	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/869005	10/9/2007	7918204	4/5/2011
MULTI-PIECE SEAL FUEL PUMP ASSEMBLY WITH A VAPOR PURGE PASSAGE ARRANGEMENT FOR A FUEL PUMP MODULE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/708892	2/21/2007	7784637	8/31/2010
LIQUID SEPARATOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	11/829623	7/27/2007	7779820	8/24/2010
FUEL TANK OPENING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/240448	9/29/2008		
LIQUID SEPARATOR AND VENTED FUEL TANK ARRANGEMENT FUEL TANK ASSEMBLIES, COMPONENTS AND METHODS OF MANUFACTURE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/113383	5/1/2008	7631635	12/15/2009
COVER FOR FUEL SYSTEM COMPONENT AND METHOD OF MAKING	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/268683	11/11/2008		
REACTANT DELIVERY FOR ENGINE EXHAUST TREATMENT (SCR)	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/102476	4/14/2008		
RING SEAL WITH INSERT	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/608408	10/29/2009		
FLUID TANK AND FLUID PUMP WITH EXTERIOR MOTOR	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/607602	10/28/2009		
FLUID TANK AND FLUID LEVEL SENDER WITH EXTERNAL SIGNALING FEATURE	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/828347	7/1/2010		
	USA	TI GROUP AUTOMOTIVE SYSTEMS LLC	12/830502	7/6/2010		

FLUID RECEPTACLE	USA	TI AUTOMOTIVE TECHNOLOGY CENTER GMBH TI GROUP	13/038936	3/2/2011
IMPELLER AND FLUID PUMP	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	13/360206	1/27/2012
FUEL PUMP ASSEMBLY	USA	AUTOMOTIVE SYSTEMS LLC TI GROUP	13/360294	1/27/2012
POSITIVE DISPLACEMENT FLUID PUMP	USA	AUTOMOTIVE SYSTEMS LLC	61/449013	3/3/2011

CANADIAN PATENTS

Serial Number	Title	Filing Date	Recorded Owner	Status
2477484	METHOD AND APPARATUS FOR MAKING A BLOW MOLDED FUEL TANK	2004-08-16	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C. (United States of America)	Granted
2508609	FUEL TANK AND METHOD FOR REDUCING VAPOR PERMEATION THROUGH A FUEL TANK	2005-05-30	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C. (United States of America)	Granted
2310179	COUPLING ASSEMBLIES FOR PROVIDING FLUID CONNECTION	2000-05-29	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C. (United States of America)	Granted
2503947	FUEL SYSTEM COMPONENT AND METHOD OF MANUFACTURE	2005-04-05	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C. (United States of America)	Granted
2478761	METHOD AND APPARATUS FOR BLOW MOLDING	2004-08-20	TI GROUP AUTOMOTIVE SYSTEMS, L.L.C. (United States of America)	Granted