

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM573288

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
ASC INDUSTRIES, INC.		04/22/2020	Corporation: OHIO
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Acquiom Agency Services LLC		
<b>Street Address:</b>	150 Fifth Street, Suite 2600		
<b>City:</b>	Minneapolis		
<b>State/Country:</b>	MINNESOTA		
<b>Postal Code:</b>	55402		
<b>Entity Type:</b>	Limited Liability Company: COLORADO		
<b>PROPERTY NUMBERS Total: 4</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	85118336	KEEP IT COOL	
<b>Serial Number:</b>	77203550	ASC	
<b>Serial Number:</b>	77203606	ASC	
<b>Serial Number:</b>	87227516	AVM	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	9495676710		
<i>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.</i>			
<b>Phone:</b>	9495676700		
<b>Email:</b>	mweddington@orrick.com		
<b>Correspondent Name:</b>	Orrick, Herrington & Sutcliffe LLP		
<b>Address Line 1:</b>	2050 Main St., Suite 1100		
<b>Address Line 4:</b>	Irvine, CALIFORNIA 92614		
<b>ATTORNEY DOCKET NUMBER:</b>	32839.19		
<b>NAME OF SUBMITTER:</b>	Bradford S. Breen		
<b>SIGNATURE:</b>	/Bradford Breen/		
<b>DATE SIGNED:</b>	04/23/2020		
<b>Total Attachments: 28</b>			
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## FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT

This FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “IP Security Agreement”) dated as of April 22, 2020, is made by the Persons listed on the signature pages hereof (each, a “Grantor”) in favor of ACQUIOM AGENCY SERVICES LLC, as trustee and collateral agent (in such capacities, and together with its successors and assigns, the “Collateral Agent”) for the Secured Parties (as defined in the Note Purchase Agreement referred to below).

WHEREAS, TRICO GROUP HOLDINGS, LLC, a Delaware limited liability company, and TRICO GROUP, LLC, a Delaware limited liability company, have entered into that certain First Lien Note Purchase Agreement dated as of April 22, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Note Purchase Agreement”), with ACQUIOM AGENCY SERVICES LLC, as trustee and collateral Agent, and the Holders from time to time party thereto. Capitalized terms defined in the Note Purchase Agreement and not otherwise defined herein are used herein as defined in the Note Purchase Agreement.

WHEREAS, as a condition precedent to any Note Purchase made from time to time under the Note Purchase Agreement, each Grantor has executed and delivered that certain First Lien Security Agreement dated as of April 22, 2020 made by the Financing Parties to the Collateral Agent (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”).

WHEREAS, under the terms of the Security Agreement, each Grantor has granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of such Grantor, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the United States Patent and Trademark Office and/or the United States Copyright Office, as applicable.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

Section 1.01. Grant of Security. As security for the payment or performance, as the case may be, in full of the Secured Obligations, each Grantor hereby grants to the Collateral Agent and its successors and assigns, for the ratable benefit of the Secured Parties, a security interest in all of such Grantor’s right, title, and interest in and to the following (the “Collateral”):

- (a) all Patents (as defined in the Security Agreement) including, without limitation, each Patent set forth in Schedule A hereto;
- (b) all Patent Licenses (as defined in the Security Agreement);
- (c) all Trademarks (as defined in the Security Agreement) including, without limitation, each Trademark set forth in Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark applications or the marks that are the subject thereof under applicable federal law);
- (d) all Trademark Licenses (as defined in the Security Agreement);

(e) all Copyrights (as defined in the Security Agreement), including, without limitation, the Copyrights listed in Schedule C hereto;

(f) all Copyright Licenses (as defined in the Security Agreement); and

(g) all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto.

Section 1.02. Excluded Assets. Notwithstanding anything herein alluding to the contrary, none of the Excluded Assets shall constitute Collateral.

Section 1.03. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing under or in respect of the Financing Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise, including, without limitation, obligations of such Grantor under the Guaranty.

Section 1.04. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other government officer, as applicable, record this IP Security Agreement.

Section 1.05. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart of a signature page to this IP Security Agreement by facsimile or an electronic transmission of a .pdf copy thereof shall be effective as delivery of an original executed counterpart of this IP Security Agreement.

Section 1.06. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the Security Agreement, the terms of the Security Agreement shall govern.

Section 1.07. Governing Law. THIS IP SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

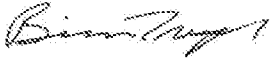
Section 1.08. Intercreditor Agreements. Notwithstanding anything herein to the contrary, the Liens and Security Interest created by this Agreement on the property described herein and the exercise of any right or remedy by the Collateral Agent hereunder (i) is subject to the provisions of the First Lien Pari Intercreditor Agreement and in the event of any conflict between the terms of the First Lien Pari Intercreditor Agreement with the terms of this Agreement the terms of the First Lien Pari Intercreditor Agreement shall govern and control, (ii) is subject to the provisions of the ABL Intercreditor Agreement and in the event of any conflict between the terms of the ABL Intercreditor Agreement with the terms of this Agreement the terms of the ABL Intercreditor Agreement shall govern and control and (iii) is subject to the provisions of the First Lien/Second Lien Intercreditor Agreement and in the event of

any conflict between the terms of the First Lien/Second Lien Intercreditor Agreement and the terms of this Agreement the terms of the First Lien/Second Lien Intercreditor Agreement shall govern and control.

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IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

ASC INDUSTRIES, INC.  
CARTER FUEL SYSTEMS  
FRAM GROUP IP LLC  
HEATHERTON HOLDINGS, LLC  
STRONGARM, LLC  
TRICO PRODUCTS CORPORATION

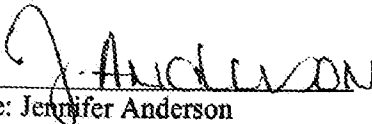
By   
Name: Brian Troyer  
Title: General Counsel, EVP & Secretary

Address for Notices:  
c/o Trico Group, LLC  
127 Public Square, 5110  
Cleveland, OH 44114  
Attn: Patrick James

*{First Lien Intellectual Property Agreement}*

**TRADEMARK**  
**REEL: 006922 FRAME: 0064**

ACQUIOM AGENCY SERVICES LLC,  
as Collateral Agent

By   
Name: Jennifer Anderson  
Title: Director

Address for Notices:

Acquiom Agency Services LLC  
150 Fifth Street, Suite 2600  
Minneapolis, MN 55402  
Attention: Jennifer Anderson

*[First Lien Intellectual Property Agreement]*

**TRADEMARK**  
**REEL: 006922 FRAME: 0065**

Schedule A

UNITED STATES PATENTS

United States Patents and Patent Applications

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
ASC Industries, Inc.	Portable barbecue grill	29212191	8/27/2004	D533008	12/5/2006
ASC Industries, Inc.	Vehicle interior lamp assembly adapted for use with recreational vehicles, outfitted vans, shuttlesbuses and the like	09325986	6/4/1999	6283621	9/4/2001
ASC Industries, Inc.	Vehicle interior lamp assembly adapted for use with recreational vehicles, outfitted vans, shuttlesbuses and the like	29105971	6/4/1999	D425224	5/16/2000
Carter Fuel Systems, LLC	Variable output Fuel Pump having a BLDC motor and control module therefor	15/968336	5/1/2018		
Carter Fuel Systems, LLC	Fuel pump Assy Design	29/637840	2/22/2018		
Carter Fuel Systems, LLC	Fuel pump Assy Design	29/637839	2/22/2018		
Carter Fuel Systems, LLC	Grounding Device for Brushless Electric Motor	14588555	1/2/15	9680355	06/13/2017
Carter Fuel Systems, LLC	Self-Cleaning Fuel Pump	14293759	6/2/14	--	--
Carter Fuel Systems, LLC	Electrical Diagnostic Tool	13757297	2/1/13	9128137	09/08/2015
Carter Fuel Systems, LLC	Permanent magnet segment for use with a BLDC motor assembly	13616909	9/14/12	8987964	03/24/2015
Carter Fuel Systems, LLC	Device for fastening and electrically connecting a circuit board to a motor	13587558	10/4/12	9169833	10/27/2015
Carter Fuel Systems, LLC	Fuel Pump Assembly With Grounded Plastic Components And Fuel Tank Assembly Therewith And Method Of Construction Thereof	13447843	4/16/12	9267473	02/23/2016
Carter Fuel Systems, LLC	Fuel Level Sensor for Marine Fuel Vapor Separator External to Unit	13354373	1/20/12	9404454	08/02/2016
Carter Fuel Systems, LLC	Alcohol Detector and Method	1332959	12/21/11	8973426	03/10/2015
Carter Fuel Systems, LLC	Marine Fuel System with Spill Control Feature	13242555	9/23/11	9151255	10/06/2015
Carter Fuel Systems, LLC	Diesel Fuel System with Advanced Priming	13008696	1/18/11	9316187	04/19/2016
Carter Fuel Systems, LLC	Thermoelectric Cooled Pump	12938975	11/3/10	9234483	01/12/2016



Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Carter Fuel Systems, LLC	BLDC Motor And Pump Assembly With Encapsulated Circuit Board	11435958	5/17/06	7411326	8/12/08
Carter Fuel Systems, LLC	BLDC Motor Assembly	11746086	5/9/07	7847457	12/7/10
Carter Fuel Systems, LLC	Electric Fuel Pump Tester And Method	13213587	8/19/11	8494706	7/23/13
Carter Fuel Systems, LLC	Electric Fuel Pump Testing Method And Apparatus	12412570	3/27/09	7997127	8/16/11
Carter Fuel Systems, LLC	Electrical Connector Integrity Tester	11959552	12/19/07	7710121	5/4/10
Carter Fuel Systems, LLC	Fuel Rail Vent System	12478980	6/5/09	8042522	10/25/11
Carter Fuel Systems, LLC	Fuel Transfer Pump And Control	09647645	10/3/00	6382225	5/7/02
Carter Fuel Systems, LLC	Fuel Transfer Pump and Control	09893940	6/28/01	6494226	12/17/02
Carter Fuel Systems, LLC	Fuel Transfer Pump and Control	10273486	10/18/02	6792966	9/21/04
Carter Fuel Systems, LLC	Fuel Vapor Separator	11857575	9/19/07	7431021	10/7/08
Carter Fuel Systems, LLC	Fuel Vapor Separator For Internal Combustion Engine	10819050	4/6/04	6857419	2/22/05
Carter Fuel Systems, LLC	In-Tank Water Control	09765009	1/18/01	6435142	8/20/02
Carter Fuel Systems, LLC	Marine Fuel Delivery System With Plastic Housing And Method Of Construction Thereof	12768398	4/27/10	8459235	6/11/13
Carter Fuel Systems, LLC	Fuel Vapor Separator With Evaporative Emissions Chamber And Marine Fuel System And Engine Therewith	12548813	8/27/09	8166955	5/1/12
Carter Fuel Systems, LLC	Marine Fuel Vapor Separator With Vent Control Device	11538473	10/4/06	7503314	3/17/09
Carter Fuel Systems, LLC	Marine Vapor Separator With Bypass Line	10933748	9/3/04	7168414	1/30/07
Carter Fuel Systems, LLC	Marine-Vapor Separator	09375727	8/17/99	6257208	7/10/01
Carter Fuel Systems, LLC	Method Of Making A BLDC Motor Assembly	12942264	11/9/10	8291574	10/23/12
Carter Fuel Systems, LLC	Snap Assembly Decoupled Float Vapor Vent Apparatus	12630538	12/3/09	8528526	9/10/13
Carter Fuel Systems, LLC	System And Method For Manufacturing A Brushless DC Motor Fluid Pump	11461505	8/1/06	7931448	4/26/11
Carter Fuel Systems, LLC	Two Stage Pulse Pump	09268479	3/16/99	6158972	12/12/00
Carter Fuel Systems, LLC	Vapor Vent Control Apparatus, System And Outboard Marine Engine Therewith	12604538	10/23/09	8371271	2/12/13
Carter Fuel Systems, LLC	Voltage Compensating Piston Fuel Pump And Fuel Delivery System Therewith	12974218	12/21/10	8657586	2/25/14
Carter Fuel Systems, LLC	Water Cooled Electric Fuel Pump For Marine Propulsion	09307665	5/10/99	6322410	11/27/01
Carter Fuel Systems, LLC	Fuel pump assembly	29/637,840	2/22/2018	D878426	3/17/2020

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Carter Fuel Systems, LLC	Variable output fuel pump having a BLDC motor and control module therefor	15/968,336	5/1/2018	10,495,019	12/3/2019
Carter Fuel Systems, LLC	Windscreen wiper device	15/263,660	9/13/2016	10328903	6/25/2019
FRAM Group IP LLC	RAPID MANUFACTURE OF METAL AND CERAMIC TOOLING	09/176509	10/21/1998	6056915	5/2/2000
FRAM Group IP LLC	PROCESS FOR FORMING AN ARTICLE FROM RECYCLED CERAMIC MOLDING COMPOUND	09/235706	1/22/1999	6146560	11/14/2000
FRAM Group IP LLC	CONTACT GLASS COMPOSITION FOR USE IN SPARK PLUGS	09/249522	2/12/1999	6426586	7/30/2002
FRAM Group IP LLC	METHOD OF APPLYING A SLIP-RESISTANT COATING TO A SPIN-ON FILTER USING A FLUIDIZED BED COATING APPARATUS, AND SPIN-ON FILTER WHICH IS A PRODUCT THEREOF	09/271136	3/17/1999	6080310	6/27/2000
FRAM Group IP LLC	FILTER ASSEMBLY	09/304147	5/3/1999	6155431	12/5/2000
FRAM Group IP LLC	WING TAPPING PLATE FOR SPIN-ON FILTER ASSEMBLIES	09/316578	5/21/1999	6349836	2/26/2002
FRAM Group IP LLC	SPARK PLUG INCLUDING A WEAR-RESISTANT ELECTRODE TIP MADE FROM A CO-EXTRUDED COMPOSITE MATERIAL, AND METHOD OF MAKING SAME	09/552526	7/13/1999	6533629	3/18/2003
FRAM Group IP LLC	CONTINUOUS COMPOUNDING OF AQUEOUS INJECTION MOLDING FEEDSTOCKS	09/354029	7/15/1999	6261496	7/17/2001
FRAM Group IP LLC	COMPLEX SHAPED FIBER FOR PARTICLE AND MOLECULAR FILTRATION	09/422039	10/12/1999	6296821	10/2/2001
FRAM Group IP LLC	SPARK PLUG HAVING A PROTECTIVE TITANIUM THEREON AND METHODS OF MAKING THE SAME	09/478161	1/5/2000	6452314	9/17/2002
FRAM Group IP LLC	MULTI-STAGE FLUID FILTER, AND METHODS OF MAKING AND USING SAME	09/566035	5/8/2000	6379564	4/30/2002
FRAM Group IP LLC	STAGED OIL FILTER INCORPORATING PELLETIZED BASIC CONDITIONER	11/679148	5/8/2000	7811462	10/12/2010
FRAM Group IP LLC	CONTAMINANT FILTER WITH MAGNETIC FILTRATION CAPABILITIES	09/566750	5/9/2000	6461504	10/8/2002

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	AQUEOUS INJECTION MOLDING BINDER COMPOSITION AND MOLDING PROCESS	09/597136	6/20/2000	6262150	7/17/2001
FRAM Group IP LLC	VAPOR-ADSORBENT FILTER FOR REDUCING EVAPORATIVE FUEL EMISSIONS, AND METHOD OF USING SAME	09/822102	3/30/2001	6432179	8/13/2002
FRAM Group IP LLC	STAGED OIL FILTER INCORPORATING ADDITIVE-RELEASING PARTICLES	09/867973	5/30/2001	7291264	11/6/2007
FRAM Group IP LLC	SPARK PLUG SHELL HAVING A BIMETALLIC GROUND ELECTRODE SPARK PLUG INCORPORATING THE SHELL, AND METHOD OF MAKING SAME	09/960687	9/21/2001	6406345	6/18/2002
FRAM Group IP LLC	VAPOR-ADSORBENT UNDERHOOD BLANKET, SYSTEM AND METHOD FOR REDUCING EVAPORATIVE FUEL EMISSIONS FROM A VEHICLE	09/974006	10/10/2001	6474312	11/5/2002
FRAM Group IP LLC	APPARATUS FOR MANUFACTURING FILTER CARTRIDGES, AND METHOD OF USING SAME	10/037608	11/7/2001	6817466	11/16/2004
FRAM Group IP LLC	FLUID DRAIN ASSEMBLY	10/228117	8/26/2002	6837479	1/4/2005
FRAM Group IP LLC	STAGED OIL FILTER INCORPORATING TIMED RELEASE OIL CONDITIONER	10/233852	8/30/2002	6623636	9/23/2003
FRAM Group IP LLC	ADDITIVE DISPENSING CARTRIDGE FOR AN OIL FILTER, AND OIL FILTER INCORPORATING SAME	10/352344	1/27/2003	7018531	3/28/2006
FRAM Group IP LLC	EVAPORATIVE EMISSIONS FILTER	10/392044	3/19/2003	7182802	2/27/2007
FRAM Group IP LLC	FUEL FILTER WITH RESTRICTION INDICATOR, AND METHOD OF USING SAME	10/661704	9/12/2003	6989104	1/24/2006
FRAM Group IP LLC	FLUID CONTAINMENT APPARATUS, AND METHOD OF USING SAME	10/672467	9/26/2003	7147013	12/12/2006
FRAM Group IP LLC	STAGED OIL FILTER INCORPORATING PELLETED BASIC CONDITIONER	10/765649	1/26/2004	7316778	1/8/2008
FRAM Group IP LLC	EVAPORATIVE EMISSIONS FILTER	10/806942	3/23/2004	7163574	1/16/2007
FRAM Group IP LLC	PORTABLE LIGHT EMITTING DEVICE	29/204158	4/23/2004	D528676	9/19/2006
FRAM Group IP LLC	ADDITIVE DISPERSING FILTER AND METHOD OF MAKING	10/863581	6/8/2004	7182863	2/27/2007

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	ADSORPTIVE ASSEMBLY AND METHOD OF MAKING THE SAME	10/927383	8/26/2004	7377966	5/27/2008
FRAM Group IP LLC	EVAPORATIVE EMISSIONS FILTER	10/978923	11/1/2004	7344586	3/18/2008
FRAM Group IP LLC	APPARATUS FOR MANUFACTURING FILTER CARTRIDGES, AND METHOD OF USING SAME	10/979618	11/1/2004	7255760	8/14/2007
FRAM Group IP LLC	APPARATUS AND METHOD FOR STORING AND RELEASING SULFUR CONTAINING AROMATIC COMPOUNDS FROM A FUEL STREAM OF AN INTERNAL COMBUSTION ENGINE	11/081796	3/15/2005	7410585	8/12/2008
FRAM Group IP LLC	FILTER AND METHOD OF MAKING	11/241245	9/30/2005	7419525	9/2/2008
FRAM Group IP LLC	POWER DISTRIBUTION SYSTEM AND A METHOD FOR ASSEMBLING THE POWER DISTRIBUTION SYSTEM	11/436408	5/17/2006	7367821	5/6/2008
FRAM Group IP LLC	FILTER AND METHOD OF USING THE SAME	11/494268	7/27/2006	7670396	3/2/2010
FRAM Group IP LLC	FILTER AND METHOD OF MAKING	11/533649	9/20/2006	7794556	9/14/2010
FRAM Group IP LLC	OIL CENTRIFUGE FOR EXTRACTING PARTICULATES FROM A CONTINUOUS FLOW OF FLUID	11/626476	1/24/2007	7959546	6/14/2011
FRAM Group IP LLC	HYDROCARBON ADSORBER FOR AIR INDUCTION SYSTEMS	11/766513	6/21/2007	7610904	11/3/2009
FRAM Group IP LLC	PLATINUM ALLOY FOR SPARK PLUG ELECTRODES AND SPARK PLUG HAVING A PLATINUM ALLOY ELECTRODE	11/781134	7/20/2007	7719172	5/18/2010
FRAM Group IP LLC	UTILITY LIGHT	29/283356	8/11/2007	D580573	11/11/2008
FRAM Group IP LLC	UTILITY LIGHT	29/283357	8/11/2007	D580574	11/11/2008
FRAM Group IP LLC	ADDITIVE DISPENSING FILTER AND METHOD OF MAKING	11/846265	8/28/2007	7481923	1/27/2009
FRAM Group IP LLC	CAST FORMED FILTER AND METHOD OF MAKING THE SAME	11/847627	8/30/2007	7951219	5/31/2011
FRAM Group IP LLC	FILTER DIAPER AND METHOD	11/876156	10/22/2007	7662285	2/16/2010
FRAM Group IP LLC	HYDROCARBON ADSORBER FOR AIR INDUCTION SYSTEMS	11/925187	10/26/2007	7556026	7/7/2009

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	OIL CENTRIFUGE FOR EXTRACTING PARTICULATES FROM A FLUID USING CENTRIFUGAL FORCE	11/945156	11/26/2007	8021290	9/20/2011
FRAM Group IP LLC	FLUID FILTER CARTRIDGE ASSEMBLY	11/970424	1/7/2008	8101075	1/24/2012
FRAM Group IP LLC	EVAPORATIVE EMISSIONS FILTER	12/022145	1/29/2008	7655166	2/2/2010
FRAM Group IP LLC	ADDITIVE DISPERSING FILTER AND METHOD OF MAKING	12/030595	2/13/2008	7998346	8/16/2011
FRAM Group IP LLC	ADDITIVE DISPENSING DEVICE AND A THERMALLY ACTIVATED ADDITIVE DISPENSING FILTER HAVING THE ADDITIVE DISPENSING DEVICE	12/032241	2/15/2008	7931817	4/26/2011
FRAM Group IP LLC	RADIAL SEAL FILTER WITH OPEN END PLEATES	12/039441	2/28/2008	8673196	3/18/2014
FRAM Group IP LLC	LUBRICATING OIL CONDITIONING FILTER CONTAINING IMPROVED PELLETED CONDITIONER	12/048785	3/14/2008	8795522	8/5/2014
FRAM Group IP LLC	A COMBINATION IGNITER AND SENSOR FOR AN INTERNAL COMBUSTION ENGINE	12/114415	5/2/2008	8053965	11/8/2011
FRAM Group IP LLC	SPARK PLUG STRUCTURE FOR IMPROVED IGNITABILITY	12/234834	9/22/2008	8058785	11/15/2011
FRAM Group IP LLC	UTILITY LIGHT	29/325901	10/8/2008	D598148	8/11/2009
FRAM Group IP LLC	UTILITY LIGHT	29/325903	10/8/2008	D598149	8/11/2009
FRAM Group IP LLC	PORTABLE FUEL DESULFURIZATION UNIT	12/252911	10/16/2008	7704383	4/27/2010
FRAM Group IP LLC	SPARK PLUG CASING AND SPARK PLUG HAVING THE SPARK PLUG CASING	12/263716	11/3/2008	8035286	10/11/2011
FRAM Group IP LLC	IRIDIUM ALLOY FOR SPARK PLUG ELECTRODES	12/272208	11/17/2008	8030830	10/4/2011
FRAM Group IP LLC	ADDITIVE DISPENSING FILTER AND METHOD OF MAKING	12/343828	12/24/2008	7588691	9/15/2009
FRAM Group IP LLC	HIGH THREAD GROUND SHIELD	12/360492	1/27/2009	7977857	7/12/2011
FRAM Group IP LLC	DIELECTRIC ENHANCED PARTIAL THREAD SPARK PLUG	12/361028	1/28/2009	8058786	11/15/2011
FRAM Group IP LLC	COLD FOUL RESISTANT SPARK PLUG	12/361126	1/28/2009	8350456	1/8/2013
FRAM Group IP LLC	PARTICULATE MATTER SENSOR	12/467673	5/18/2009	8037738	10/18/2011
FRAM Group IP LLC	THERMOCOUPLE DATA ACQUISITION SYSTEM	12/473696	5/28/2009	8006545	8/30/2011

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	PARTICULATE MATTER SENSOR	12/508096	7/23/2009	8047054	11/1/2011
FRAM Group IP LLC	ADDITIVE DISPENSING FILTER AND METHOD OF MAKING	12/546923	8/25/2009	8388838	3/5/2013
FRAM Group IP LLC	OIL FILTER WITH TAPPING PLATE AND SEALING GROMMET	12/638239	12/15/2009	8435405	5/7/2013
FRAM Group IP LLC	EVAPORATIVE EMISSIONS FILTER	12/647181	12/24/2009	8216349	7/10/2012
FRAM Group IP LLC	METHOD OF PRODUCING A SPARK PLUG VIA FLARED ELECTRODE TIP ATTACHMENT	12/650821	12/31/2009	8294343	10/23/2012
FRAM Group IP LLC	SPARK PLUG ELECTRODE AND METHOD OF MAKING	12/692732	1/25/2010	8460044	6/11/2013
FRAM Group IP LLC	HIGH THREAD SPARK PLUG WITH UNDERCUT INSULATOR	12/752694	4/1/2010	8030831	10/4/2011
FRAM Group IP LLC	PLATINUM ALLOY FOR SPARK PLUG ELECTRODES AND SPARK PLUG HAVING A PLATINUM ALLOY ELECTRODE	12/760899	4/15/2010	8106573	1/31/2012
FRAM Group IP LLC	FILTER AND METHOD OF MAKING	12/876571	9/7/2010	8012232	9/6/2011
FRAM Group IP LLC	ADDITIVE DISPERSING FILTER AND METHOD OF MAKING	12/903173	10/12/2010	8021558	9/20/2011
FRAM Group IP LLC	ADDITIVE DISPERSING FILTER AND METHOD OIL CENTRIFUGE FOR EXTRACTING PARTICULATES FROM A CONTINUOUS FLOW OF FLUID	12/980814	12/29/2010	8926845	1/6/2015
FRAM Group IP LLC		13/160064	6/14/2011	8574144	11/5/2013
FRAM Group IP LLC	ADDITIVE DISPERSING FILTER AND METHOD HIGH THREAD GROUND SHIELD	13/178096	7/7/2011	8658047	2/25/2014
FRAM Group IP LLC		13/181064	7/12/2011	8216015	7/10/2012
FRAM Group IP LLC	FILTER AND METHOD OF MAKING	13/225970	9/6/2011	8366798	2/5/2013
FRAM Group IP LLC	Method for removing particulates from a fluid	13/237455	9/20/2011	8956271	2/17/2015
FRAM Group IP LLC	METHOD OF APPLYING INDICIA TO AN ITEM HAVING A TEXTURED SURFACE	13/248750	9/29/2011	8900672	12/2/2014
FRAM Group IP LLC	IRIDIUM ALLOY FOR SPARK PLUG ELECTRODES	13/252341	10/4/2011	8350454	1/8/2013
FRAM Group IP LLC	HIGH THREAD SPARK PLUG WITH UNDERCUT INSULATOR	13/252364	10/4/2011	8552628	10/8/2013

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	METHOD OF MAKING SPARK PLUG CASING AND SPARK PLUG HAVING THE SPARK PLUG CASING	13/270642	10/11/2011	8337268	12/25/2012
FRAM Group IP LLC	SPARK PLUG WITH UNDERCUT INSULATOR	13/283715	10/28/2011	8568181	10/29/2013
FRAM Group IP LLC	SPARK PLUG WITH UNDERCUT INSULATOR AND ONE PIECE SHELL	13/283721	10/28/2011	8643261	2/4/2014
FRAM Group IP LLC	FLUID FILTER	13/305128	11/28/2011	8815087	8/26/2014
FRAM Group IP LLC	ANTI-FOULING SPARK PLUG AND METHOD OF MAKING	13/312269	12/6/2011	8558439	10/15/2013
FRAM Group IP LLC	ANTI-FOULING SPARK PLUG AND METHOD OF MAKING	13/312342	12/6/2011	8970096	3/3/2015
FRAM Group IP LLC	PLATINUM ALLOY FOR SPARK PLUG ELECTRODES AND SPARK PLUG HAVING A PLATINUM ALLOY ELECTRODE	13/361885	1/30/2012	8337269	12/25/2012
FRAM Group IP LLC	SPARK PLUG	13/444098	4/11/2012	8963406	2/24/2015
FRAM Group IP LLC	ANTI-FOULING SPARK PLUG AND METHOD OF MAKING	13/446322	4/13/2012	8981632	3/17/2015
FRAM Group IP LLC	IGNITER FOR AN INTERNAL COMBUSTION ENGINE	13/542020	7/5/2012	8994256	3/31/2015
FRAM Group IP LLC	SPARK PLUG ASSEMBLY FOR ENHANCED IGNITABILITY	13/633315	10/2/2012	8659216	2/25/2014
FRAM Group IP LLC	SPARK PLUG	13/736443	1/8/2013	8791626	7/29/2014
FRAM Group IP LLC	FLUID FILTER	13/737418	1/9/2013	8685243	4/1/2014
FRAM Group IP LLC	METHOD OF FORMING A SPARK PLUG	13/746819	1/22/2013	8747176	6/10/2014
FRAM Group IP LLC	ADDITIVE CARRIER FOR SPIN ON FILTERS	13/748930	1/24/2013	10005014	6/26/2018
FRAM Group IP LLC	FOULING RESISTANT SPARK PLUG	13/766103	2/13/2013	8729784	5/20/2014
FRAM Group IP LLC	LASER WELDED SPARK ELECTRODE AND METHOD OF FORMING SAME	13/769955	2/19/2013	8715025	5/6/2014
FRAM Group IP LLC	SPARK PLUG WITH GROUND ELECTRODE PLATEAU AND METHOD OF MAKING THE SAME	13/784309	3/4/2013	8766520	7/1/2014
FRAM Group IP LLC	SPARK PLUG	14/157251	1/16/2014	9178336	11/3/2015
FRAM Group IP LLC	ANTI-FOULING SPARK PLUG AND METHOD OF MAKING	14/157266	1/16/2014	9350143	5/24/2016
FRAM Group IP LLC	ADDITIVE DISPERSING FILTER AND METHOD	14/172320	2/4/2014	9539531	1/10/2017

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	EXTENDED-LIFE OIL MANAGEMENT SYSTEM AND METHOD OF USING SAME	14/180514	2/14/2014	9623350	4/18/2017
FRAM Group IP LLC	FLUID FILTER	14/192537	2/27/2014	9486718	11/8/2016
FRAM Group IP LLC	TEXTURED SURFACE ITEMS AND METHOD AND APPARATUS FOR APPLYING INDICIA TO ITEMS WITH TEXTURED SURFACES	14/246310	4/7/2014		
FRAM Group IP LLC	METHOD OD MAKING A CHEMICALLY ACTIVE FILTER ELEMENT FOR AN OIL FILTER	14/265003	4/29/2014		
FRAM Group IP LLC	DISPOSABLE OIL CONTAINER	62/004,702	5/29/2014		
FRAM Group IP LLC	COMPOSITION FOR AND METHOD OF MAKING AN INSULATOR FOR A SPARK PLUG	14/601359	1/21/2015		
FRAM Group IP LLC	FLUID FLOW CONTROLLER AND FILTER ASSEMBLY WITH FLUID FLOW CONTROLLER	14/607,722	1/28/2015		
FRAM Group IP LLC	SPARK PLUG INSULATOR HAVING AN ANTI-FOULING COATING AND METHODS FOR MINIMIZING-FOULING	61/109,133	1/29/2015		
FRAM Group IP LLC	FLUID FLOW CONTROLLER AND FILTER ASSEMBLY WITH FLUID FLOW CONTROLLER	14/628780	2/23/2015	9884278	2/6/2018
FRAM Group IP LLC	METHOD OF APPLYING A COATING TO A SPARK PLUG INSULATOR	14/710039	5/12/2015	9337627	5/10/2016
FRAM Group IP LLC	SYSTEM AND METHOD FOR TESTING BREAKDOWN VOLTAGE/DIELECTRIC STRENGTH OF SPARK PLUG INSULATORS	14/813443	7/30/2015	9735553	8/15/2017
FRAM Group IP LLC	SPARK PLUG INSULATOR HAVING AN ANTI-FOULING COATING AND METHODS FOR MINIMIZING FOULING	15/008867	1/28/2016	9548591	1/17/2017
FRAM Group IP LLC	FOULING RESISTANT SPARK PLUG	15/218,892	7/25/2016		
FRAM Group IP LLC	FLUID FILTER	15/273315	9/22/2016	10118112	11/6/2018
FRAM Group IP LLC	FILTER ASSEMBLY AND RELIEF VALVE OF SAME	62/489,035	4/24/2017		
FRAM Group IP LLC	RELIEF VALVE COMPONENT	29/603469	5/10/2017	D835756	12/11/2018
FRAM Group IP LLC	SYSTEM AND METHOD FOR TESTING BREAKDOWN VOLTAGE/DIELECTRIC STRENGTH OF SPARK PLUG INSULATORS	15/625312	6/16/2017		



Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
FRAM Group IP LLC	FLUID FLOW CONTROLLER AND FILTER ASSEMBLY WITH FLUID FLOW CONTROLLER	15/850485	12/21/2017		
FRAM Group IP LLC	FOULING RESISTANT SPARK PLUG	15/863427	1/5/2018		
FRAM Group IP LLC	RELIEF VALVE	29/633800	1/16/2018		
FRAM Group IP LLC	FILTER ASSEMBLY AND RELIEF VALVE OF SAME	15/957005	4/19/2018		
FRAM Group IP LLC	ADDITIVE CARRIER FOR SPIN ON FILTERS	15/986308	5/22/2018		
FRAM Group IP LLC	ADDITIVE CARRIER FOR SPIN ON FILTERS	15/986349	5/22/2018		
FRAM Group IP LLC	OIL FILTER FRONT RELIEF VALVE	29/664786	9/27/2018	D844,113	3/26/2019
FRAM Group IP LLC	RELIEF VALVE	29/709,769	10/17/2019		
FRAM Group IP LLC	RELIEF VALVE	29/712,688	11/11/2019		
FRAM Group IP LLC	RELIEF VALVE	29/712,851	11/12/2019		
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Lift Assist And Damper Arrangement	13046959	3/14/11	9834971	12/05/17
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Gas Spring With Integrated Lead Screw Drive	10883202	7/1/04	8118285	2/21/12
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Seal	09257333	2/25/99	6179297	1/30/01
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Linear Actuator For A Powered Vehicle Lift Gate	10056642	10/26/01	6707173	3/16/04
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Vehicle Liftgate Control System	10948908	9/24/04	7034485	4/25/06
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Sealed Gas Spring Cover	11386280	3/22/06	8689953	4/8/14
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	Selectively Fixed Damper	14461771	08/18/2014	--	--

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Trico Products Corporation	Working Of A Metallic Strip Under Heating and Tensile Force	09134561	8/14/98	6063216	5/16/00
Trico Products Corporation	Windscreen Wiper	09806807	6/25/01	6836925	1/4/05
Trico Products Corporation	Windscreen Wiper	09806920	6/25/01	6951043	10/4/05
Trico Products Corporation	Windscreen Wiper	09806921	6/25/01	6799348	10/5/04
Trico Products Corporation	Beam Blade Wiper Assembly Having Improved Coupler	09611189	7/6/00	6550096	4/22/03
Trico Products Corporation	Beam Blade Wiper Assembly Having Improved Windlift Characteristics	09610499	7/6/00	6675433	1/13/04
Trico Products Corporation	Canilevered Beam-Blade Windshield-Wiper Assembly	09785784	2/16/01	6651292	11/25/03
Trico Products Corporation	Method and Apparatus for Flexible Manufacturing a Discrete Curved Product from Feed Stock	09900075	7/6/01	6622540	9/23/03
Trico Products Corporation	Tandem Windshield Wiper System with Direct Drive Motor	10839358	5/5/04	7389561	6/24/08
Trico Products Corporation	Tandem Windshield Wiper System with Bellcrank Linkage	10839063	5/5/04	7392565	7/1/08
Trico Products Corporation	Direct Drive Windshield Wiper Assembly	11228703	9/16/05	7171718	2/6/07
Trico Products Corporation	Direct Drive Windshield Wiper Assembly	11229752	9/19/05	7676880	3/16/10
Trico Products Corporation	Universal Wiper Adaptor and Wiper Blade Assembly Incorporating Same	10637835	8/8/03	7055207	6/6/06
Trico Products Corporation	Electric Motor Having Convex High-Speed Brush Breakaway Mounting Bracket Assembly for a Wiper System	11089901	3/25/05	7265475	9/4/07
Trico Products Corporation	Beam Blade Windshield Wiper Assembly Having an Airfoil	12576365	10/9/09	7823246	11/2/10
Trico Products Corporation	Beam Blade Windshield Wiper Assembly Having an Airfoil	11345930	2/2/06	7861363	1/4/11
Trico Products Corporation	Beam Blade Windshield Wiper Assembly Having an Airfoil	12587958	10/15/09	8024836	9/27/11
Trico Products Corporation	Breakaway Mounting Bracket Assembly for a Wiper System	11397049	4/3/06	7805799	10/5/10
Trico Products Corporation	Wiper Coupler and Wiper Assembly Incorporating Same	11397048	4/3/06	7774892	8/17/10
Trico Products Corporation	Wiper System Having a Pin-Style Wiper Arm and Wiper Assembly	11585531	10/24/06	7802341	9/28/10
Trico Products Corporation	Wiper Assembly Having Side-Saddle Coupler	12062976	4/4/08	8042218	10/25/11
Trico Products Corporation	Collapsible Pivot Body for a Windshield Wiper System	12587858	10/14/09	8516647	8/27/13

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Trico Products Corporation	Windshield Wiper Assembly Having an Optimized Airfoil	12660414	2/26/10	8336158	12/25/12
Trico Products Corporation	Beam Blade Windshield Wiper Assembly	12779278	5/13/10	8261403	9/11/12
Trico Products Corporation	Beam Blade Windshield Wiper Assembly	12779290	5/13/10	8397341	3/19/13
Trico Products Corporation	Beam Blade Windshield Wiper Assembly	13676328	11/14/12	8555456	10/15/13
Trico Products Corporation	Beam Blade Windshield Wiper Assembly	13676361	11/14/12	8490239	7/23/13
Trico Products Corporation	Wiper Coupler and Wiper Assembly Incorporating Same	12819363	6/21/10	8468641	6/25/13
Trico Products Corporation	Wiper Coupler and Wiper Assembly Incorporating Same	13845337	3/18/13	8713747	5/6/14
Trico Products Corporation	Wiper Arm Having Swivel Cover Allowing Access to Head and Pivot Shaft	13070897	3/24/11	8205292	6/26/12
Trico Products Corporation	Windshield Wiper Package	29369739	9/13/10	D686912	7/30/2013
Trico Products Corporation	Windshield Wiper Blade	29471929	11/06/13	D702617	4/15/14
Trico Products Corporation	Wiper Package	29356084	2/19/10	D658494	5/1/12
Trico Products Corporation	Windshield Wiper Arm	29402266	9/22/11	D664491	7/31/12
Trico Products Corporation	Windshield Wiper Arm	29409590	12/26/11	D664911	8/7/12
Trico Products Corporation	Wiper Blade Airfoil	29437291	11/15/12	D702616	4/15/14
Trico Products Corporation	Wiper Blade Package	29437309	11/15/12	D692750	11/5/13
Trico Products Corporation	Wiper Blade Coupler	29437314	11/15/12	D702618	4/15/14
Trico Products Corporation	Wiper Blade	29437319	11/15/12	D704126	5/6/14
Trico Products Corporation	Wiper Blade	29437312	11/15/12	D704618	5/13/14
Trico Products Corporation	Pivot Body for Windshield Wiper System	12946376	11/15/10	8745810	6/10/14
Trico Products Corporation	Universal Coupler for a Beam Blade Windshield Wiper Assembly	13232514	9/14/2011	8938847	01/27/2015
Trico Products Corporation	Universal Coupler for a Beam Blade Windshield Wiper Assembly	13232627	9/14/2011	9003596	04/14/2015
Trico Products Corporation	Beam Blade Windshield Wiper Assembly Having a Fluid Manifold Mounting System	13239501	9/22/2011	9045114	06/02/2015
Trico Products Corporation	Windshield Wiper Having a Coupler with Positive Locking Features	13288578	11/3/2011	8881338	11/11/2014
Trico Products Corporation	Beam Blade Wiper Assembly Having Self-Locking End Cap	13302339	11/22/2011	8857009	10/14/2014

Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Trico Products Corporation	Wiper Coupler Assembly and Wiper Assembly Incorporating Same	13677423	11/15/2012	9221429	12/29/2015
Trico Products Corporation	Packaging Assembly for Wiper Assembly	13677540	11/15/2012	8800769	08/12/2014
Trico Products Corporation	Wiper Coupler and Adaptor and Wiper Assembly Incorporating Same	13693568	12/4/2012	9533655	01/03/2017
Trico Products Corporation	Holder Assembly for Wiper Assemblies	13723415	12/21/2012	--	--
Trico Products Corporation	Wiper Coupler Adaptor and Wiper Assembly Incorporating Same	13733458	1/3/2013	9260084	02/16/2016
Trico Products Corporation	Wiper Arm Assembly Having Pivotal Cover Allowing Access to Pivot Shaft	13733523	1/3/2013	9260082	02/16/2016
Trico Products Corporation	Heated Wiper Assembly	13869202	4/24/2013	9248808	02/02/2016
Trico Products Corporation	Mounting Assembly for Wiper Blade and Wiper Arm	13870590	4/25/2013	9616854	04/11/2017
Trico Products Corporation	Mounting Assembly for Wiper Blade and Wiper Arm	13875457	5/2/2013	9227599	01/05/2016
Trico Products Corporation	Windshield Wiper Assembly	13910350	6/05/2013	8819889	09/02/2014
Trico Products Corporation	Universal Coupler Assembly and Wiper Assembly Incorporating the Same	14321872	7/2/14	9771052	09/26/2017
Trico Products Corporation	Wiper System Having Resilient Interface Assembly for Worm Driven Reduction Gear Motor	14092229	11/27/2013	9731683	08/15/2017
Trico Products Corporation	Coupler Assembly for Wiper Assembly	14093987	12/2/2013	9493140	11/15/2016
Trico Products Corporation	Universal Coupler for a Beam Blade Windshield Wiper Assembly	14094078	12/2/2013	9434354	10/06/2016
Trico Products Corporation	End Cap for Retaining Wiper Element of Wiper Assembly	14094831	12/3/2013	9744945	08/29/2017
Trico Products Corporation	End Cap for Wiper Assembly	14107128	12/16/2013	--	--
Trico Products Corporation	Wiper Motor Drive System Having Breakaway Clutch	14174124	2/06/2014	9604602	03/28/2017
Trico Products Corporation	Wiper Adaptor and Wiper Assembly Incorporating Same	14231907	4/1/2014	9539987	01/10/2017
Trico Products Corporation	Wiper Adaptor and Wiper Assembly Incorporating Same	14231951	4/1/2014	9434355	10/06/2016
Trico Products Corporation	Motor Assembly and Method of Biasing the Same	14705129	5/6/15	9709155	07/18/2017
Trico Products Corporation	Wiper Assembly Having an End Cap	14289902	5/29/2014	9421951	08/23/2016
Trico Products Corporation	Wiper Adaptor and Wiper Assembly Incorporating Same	14289813	5/29/2014	9663071	05/30/2017




Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Trico Products Corporation	Method of Creating Spherical Bushing Geometry in Injection Molded Brush Cartridge	In Development	--	--	--
Trico Products Corporation	Package	29390266	4/22/2011	D744331	12/01/2015
Trico Products Corporation	Wiper Coupler Adaptor And Wiper Assembly Incorporating Same	15043934	02/15/2016	--	--
Trico Products Corporation	Wiper Adaptor and Wiper Assembly Incorporating The Same	14757739	12/23/2015	--	--
Trico Products Corporation	Wiper adaptor and wiper assembly incorporating the same	14757740	12/23/2015	--	--
Trico Products Corporation	Windshield wiper having a coupler with positive locking features	14515758	10/16/2014	9731685	08/15/2017
Trico Products Corporation	Fuel Pump Assembly With Grounded Plastic Components And Fuel Tank Assembly Therewith And Method Of Construction Thereof	13447843	4/16/2012	9267473	2/23/2016
Trico Products Corporation	Holder Assembly for Wiper Assemblies	13/723,415	12/21/12	10041520	8/7/2018
Trico Products Corporation	Wiper adaptor and Wiper Adaptor Incorporating Same	62095911	12/23/12	10046739	8/14/2018
Trico Products Corporation	Wiper Arm with Integral Alignment Key	62408681	10/14/16	10046737	8/14/2018
Trico Products Corporation	Wiper Coupler Adaptor and Wiper Assy Incorporating Same	15/043,934	02/15/16	10005432	6/26/2018
Trico Products Corporation	Wiper Coupler Adaptor and Wiper Assy Incorporating Same	14/757,739	12/15/16	10071712	9/11/2018
Trico Products Corporation	Multiple Position Locking Wiper Arm Connector	62/641480	3/12/2018		
Trico Products Corporation	Refillable Wiper Blade with Refill Sub assembly	15/772827	5/2/2018		
Trico Products Corporation	Wiper adaptor and Wiper Adaptor Incorporating Same	16/075704	8/6/2018		
Trico Products Corporation	Wiper adaptor and Wiper Adaptor Incorporating Same	16/077530	8/13/2018		
Trico Products Corporation	End cap for wiper assembly	14/107,128	12/16/2013	10,391,980	8/27/2019
Trico Products Corporation	Windscreen wiper device	15/642,595	7/6/2017	10293791	5/21/2019
Trico Products Corporation	Windscreen wiper device	15/783,327	10/13/2017	10,604,117	3/31/2020
Trico Products Corporation	Windscreen wiper device	15/620,852	6/13/2017	10328904	6/25/2019
Trico Products Corporation	Rubber wiper blade element with friction reducing agent that continuously migrates to the surface	14/736,409	6/11/2015	10,207,682	2/19/2019
Trico Products Corporation	Packaging system including a holder for holding a windscreen wiper device	15/846,874	12/19/2017	10,457,251	10/29/2019
Trico Products Corporation	Windscreen wiper device	14/974,397	12/18/2015	10369969	8/6/2019

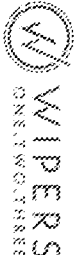
Grantor	Name of Patent	Application Number	File Date	Registration Number	Registration Date
Trico Products Corporation	Windscreen wiper device	15/372,608	12/8/2016	10,576,938	3/3/2020
Trico Products Corporation	DIV - RUBBER WIPER BLADE ELEMENT WITH FRICTION REDUCING AGENT THAT CONTINUOUSLY MIGRATES TO THE SURFACE	16/275,831	2/14/2019		
Trico Products Corporation	MULTIPLE WIPER BLADE ADAPTER FOR WIPER ASSEMBLY	62/868,221	6/28/2019		
Trico Products Corporation	WINDSCREEN WIPER DEVICE	16/560,390	9/4/2019		
Trico Products Corporation	WIPER BLADE CONNECTOR ASSEMBLY	16/646,664	3/12/2020		

Schedule B

UNITED STATES TRADEMARKS

United States Trademarks and Trademark Applications

Grantor	Name of Trademark	Application Number	Filing Date	Registration Number	Registration Date
ASC Industries, Inc.	KEEP IT COOL	85118336	8/30/2010	4407379	9/24/2013
ASC Industries, Inc.	ASC	77203550	6/12/2007	3684859	9/22/2009
ASC Industries, Inc.	ASC	77203606	6/12/2007	3684860	9/22/2009
ASC Industries, Inc.	ASC	1353698	6/28/2007	TMAA782195	11/10/2010
ASC Industries, Inc.	ASC DESIGN	1353700	6/28/2007	TMAA782194	11/10/2010
AVM Industries, LLC	AVM	87227516	11/5/2016	5367669	1/2/2018
Carter Fuel Systems, LLC	Engineered by Carter		3/03/2017	5498828	6/19/2018
Carter Fuel Systems, LLC	CARTER	73409563	1/17/83	1307664	12/4/84
Carter Fuel Systems, LLC	CARTER & design (black and white)	88/769,603	1/22/2020		
					
Carter Fuel Systems, LLC	CARTER ENGINEERED QUALITY	88/783,271	2/3/2020		
Carter Fuel Systems, LLC	CARTER ENGINEERED QUALITY & design (black & white)	88/783,278	2/3/2020		
					
Carter Fuel Systems, LLC	CARTER ENGINEERED QUALITY & design (color)	88/783,291	2/3/2020		
					
Heatherton Holdings, LLC	Wipers 123		4/11/2018	5626389	12/11/2018
Heatherton Holdings, LLC	Wipers One, Two, Three		4/11/2018	5651613	1/8/2019
Heatherton Holdings, LLC	Wipers One, Two, Three & design		4/11/2018	5651614	1/8/2019

Grantor	Name of Trademark	Application Number	Filing Date	Registration Number	Registration Date
Heatherton Holdings, LLC	A Better Way to Buy Wipers		4/11/2018	5651616	1/8/2019
Heatherton Holdings, LLC	WIPERS ONE, TWO, THREE	88/758,024	1/14/2020		
	WIPERS ONE, TWO, THREE & design 	88/758,030	1/14/2020		
Heatherton Holdings, LLC	AUTO-LITE (stylized)	71/082996	12/1/1914	110818	6/13/1916
FRAM Group IP LLC	FRAM	71/374582	2/7/1936	337799	8/18/1936
FRAM Group IP LLC	FRAM	71/422506	8/11/1939	375855	3/5/1940
FRAM Group IP LLC	AUTOLITE	72/003165	2/23/1956	637085	11/13/1956
FRAM Group IP LLC	FRAM	72/009715	6/6/1956	641730	2/19/1997
FRAM Group IP LLC	WEAR-GUARD (Stylized)	72/111089	12/30/1960	723102	10/24/1961
FRAM Group IP LLC	WEARGUARD	73/624679	10/8/1986	1443041	6/16/1987
FRAM Group IP LLC	EXTRA GUARD	74/180122	6/27/1991	1701659	7/21/1992
FRAM Group IP LLC	FRAM and F design	74/308583	8/28/1992	1771339	5/18/1993
FRAM Group IP LLC	DEFENSE	74/324210	10/21/1992	1810013	12/7/1993
FRAM Group IP LLC	DOUBLE GUARD	75/068766	3/7/1996	2032246	1/21/1997
FRAM Group IP LLC	COMFORTAIRE	75/263306	3/6/1997	2149279	4/7/1998
FRAM Group IP LLC	TOUGH GUARD	75/425229	1/23/1998	2445428	4/24/2001
FRAM Group IP LLC	AUTOLITE	75/437366	2/20/1998	2291540	11/9/1999
FRAM Group IP LLC	FRAM RACING	75/476254	4/29/1998	2266831	8/3/1999
FRAM Group IP LLC	SUREGRIP	75/481686	5/8/1998	2275820	9/7/1999
FRAM Group IP LLC	PAY A LITTLE MORE NOW...OR PAY A LOT LATER	75/634549	2/4/1999	2376935	8/15/2000
FRAM Group IP LLC	AUTOLITE RACING	76/062048	6/5/2000	2461682	6/19/2001
FRAM Group IP LLC	IT'S TIME TO CHANGE YOUR PLUGS	78/207892	1/28/2003	2872786	8/10/2004
FRAM Group IP LLC	AIRHOG	78/290647	8/21/2003	3112592	7/4/2006
FRAM Group IP LLC	AIRHOG HI-PERFORMANCE FILTER and design	78/307871	10/1/2003	3114872	7/11/2006
FRAM Group IP LLC	AIRHOG	78/323017	11/4/2003	3114893	7/11/2006
FRAM Group IP LLC	AIRHOG HI-PERFORMANCE FILTER and design	78/323008	11/4/2003	3114892	7/11/2006



Grantor	Name of Trademark	Application Number	Filing Date	Registration Number	Registration Date
FRAM Group IP LLC	AUTOLITE	78/366169	2/11/2004	3058196	2/7/2006
FRAM Group IP LLC	ORANGE design	76/575387	2/13/2004	2922501	2/1/2005
FRAM Group IP LLC	REVOLUTION HT	78/414693	5/7/2004	3006638	10/11/2005
FRAM Group IP LLC	AUTOLITE	78/442109	6/28/2004	3121690	7/25/2006
FRAM Group IP LLC	FRAM HIGH MILEAGE	78/479642	9/7/2004	3130872	8/15/2006
FRAM Group IP LLC	FRAM FRESH BREEZE	78/721586	9/27/2005	3291846	9/11/2007
FRAM Group IP LLC	FRAM	78/762658	11/28/2005	3287046	8/28/2007
FRAM Group IP LLC	FRAM FRESH BREEZE and design (color)	77/042473	11/13/2006	3415118	4/22/2008
FRAM Group IP LLC	FRAM EXTRA GUARD	85/162066	10/27/2010	3947980	4/19/2011
FRAM Group IP LLC	FRAM RACING and DESIGN	85/614464	5/2/2012	4363316	7/9/2013
FRAM Group IP LLC	AUTOLITE	85/667199	7/2/2012	4419562	10/15/2013
FRAM Group IP LLC	AUTOLITE REWARDS	85/736720	9/24/2012	4437456	11/19/2013
FRAM Group IP LLC	FRAM ULTRA SYNTHETIC	85/783997	11/20/2012	4405951	9/24/2013
FRAM Group IP LLC	AUTOLITE ANSWERS	85/831421	1/24/2013	4731987	5/5/2015
FRAM Group IP LLC	AUTOLITE and Design	85/831462	1/24/2013	4593688	8/26/2014
FRAM Group IP LLC	F FRAM Pro FILTERS and Design	85/875188	3/13/2013	4442843	12/3/2013
FRAM Group IP LLC	F FRAM Pro Synthetic filters and Design	85/875209	3/13/2013	4442844	12/3/2013
FRAM Group IP LLC	F FRAM Pro Plus Filters and Design	85/875227	3/13/2013	4450442	12/17/2013
FRAM Group IP LLC	FRAM PRO	85/885122	3/25/2013	4446920	12/10/2013
FRAM Group IP LLC	FRAM PRO SYNTHETIC	85/885137	3/25/2013	4446921	12/10/2013
FRAM Group IP LLC	FRAM PRO PLUS	85/885144	3/25/2013	4591148	8/26/2014
FRAM Group IP LLC	FRAM HEAVY DUTY (word mark)	85/912321	4/23/2013	4760762	6/23/2015
FRAM Group IP LLC	AUTO LITE ANSWERS LIVE TECHNICAL HELP and DESIGN	85/964121	6/19/2013	4708900	3/24/2015
FRAM Group IP LLC	AUTOLITE	86/482930	12/17/2014	4789702	8/11/2015
FRAM Group IP LLC	HIGH THREAD PRO	87/118044	7/27/2016	5439957	4/3/2018
FRAM Group IP LLC	AUTOLITE IRIIDIUM ULTRA	88/312,042	2/22/2019	5,856,613	9/10/2019
FRAM Group IP LLC	IGNITING YOUR PASSION	88/533,400	7/24/2019		
FRAM Group IP LLC	TOTAL GRIP	88/795,866	2/13/2020		
FRAM Group IP LLC	FRAM FORCE	88/795,883	2/13/2020		
FRAM Group IP LLC	FRAM POWERFLOW	88/795,856	2/13/2020		

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FRAM Group IP LLC	FRAM TITANIUM	88/795,875	2/13/2020		
FRAM Group IP LLC	PERFECT SEAL	88/795,870	2/13/2020		
FRAM Group IP LLC	FRAM	88/835,444	3/16/2020		
FRAM Group IP LLC	FRAM	88/835,451	3/16/2020		
FRAM Group IP LLC	FRAM	88/835,458	3/16/2020		
FRAM Group IP LLC	FRAM (stylized)	88/835,466	3/16/2020		
FRAM Group IP LLC	FRAM (stylized)	88/835,479	3/16/2020		
FRAM Group IP LLC	FRAM (stylized)	88/835,485	3/16/2020		
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	STRONGARM	77463000	5/1/08	3649551	7/7/09
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	STRONGARM	77462783	5/1/08	3649549	7/7/09
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	MIGHTY LIFT!	78728252	10/6/2005	3455341	6/24/2008
Strongarm, LLC (registered in the name of AVVM Industries, LLC)	MIGHTY LIFT!	87420525	4/21/2017	5335225	11/14/2017
Strongarm, LLC	PROGLIDE	88/767,633	1/21/2020		
Trico Products Corporation	TRICO (stylized letters)	71170909	10/18/1922	167037	4/24/1923
Trico Products Corporation	TRICO (and windshield design with little car)	71529725	7/26/1947	507812	3/22/1949
Trico Products Corporation	TRICO (and pyramid design, without border)	73213249	4/26/1979	1200365	7/6/1982
Trico Products Corporation	RAINGLARD (word mark)	74345587	1/4/1993	1846190	7/19/1994
Trico Products Corporation	OPTIMIZER	74392841	5/20/1993	1877162	1/31/1995
Trico Products Corporation	NU-VISION (word mark)	74414473	7/19/1993	1830279	4/12/1994
Trico Products Corporation	RAINPRO & Design	74500760	3/16/1994 (convention priority - Canada)	1923542	10/3/1995
Trico Products Corporation	METALIST	74526428	5/19/1994	1968886	4/16/1996

Grantor	Name of Trademark	Application Number	Filing Date	Registration Number	Registration Date
Trico Products Corporation	METALIST TRIDON (stylized words/Tridon in small print)	74578643	9/26/1994	1935187	11/14/1995
Trico Products Corporation	TRIDON	75041700	1/11/1996	2022109	12/10/1996
Trico Products Corporation	THIN REPLACEMENT REFILL TRIDON (and design)	75053853	2/5/1996	2024029	12/17/1996
Trico Products Corporation	TRICO VISIONALL (word mark)	75249073	2/27/1997	2179565	8/4/1998
Trico Products Corporation	Wiper World Design	75295052	5/20/1997	2217868	1/12/1999
Trico Products Corporation	ALL WEATHER (stylized letters)	75409333	12/22/1997	2299346	12/14/1999
Trico Products Corporation	TRICO (word mark)	75536768	8/17/1998	2292526	11/16/1999
Trico Products Corporation	ALL SEASON PLUS	75535540	8/23/1998 (convention priority 5/6/98 Canada)	2354612	6/6/2000
Trico Products Corporation	WORLD CLASS (word mark)	75686893	4/20/1999	2750687	8/12/2003
Trico Products Corporation	ROBERK (word mark)	76006435	3/21/2000	2438477	3/27/2001
Trico Products Corporation	EXACT FIT	76046065	5/11/2000	2575252	6/4/2002
Trico Products Corporation	GLOBAL I (word mark)	78011589	6/7/2000	2560433	4/9/2002
Trico Products Corporation	TRICO WIPER SYSTEMS: INNOVATIONS SEEN CLEAR ACROSS THE GLOBE	76199303	1/12/2001	2630493	10/8/2002
Trico Products Corporation	TSN Logo	76575289	2/12/2004	2980567	8/2/2005
Trico Products Corporation	INNOVISION	78437495	6/18/2004	3083676	4/18/2006
Trico Products Corporation	WIPER BLADES THAT JUST CLICK ON EASY	78482595	9/13/2004	3011377	11/1/2005
Trico Products Corporation	NEOFORM	77010092	9/28/2006	3294538	9/18/2007
Trico Products Corporation	THE FOREMOST IN WIPER TECHNOLOGY	77012664	10/3/2006 (effective filing date 5/2/07 due to amendment to Supp register)	3266549 Supplemental Register	7/17/2007

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Trico Products Corporation	VISIONALL	77704967	4/2/2009	3698542	10/20/2009
Trico Products Corporation	SWIFT	77715084	4/16/2009	3782567	4/27/2010
Trico Products Corporation	TRICO FLEX	77714971	4/16/2009	3779335	4/20/2010
Trico Products Corporation	TRICO TECH	77831351	9/21/2009	3877920	11/16/2010
Trico Products Corporation	MEMORY CURVE STEEL	77832175	9/22/2009	3986390	6/28/2011
Trico Products Corporation	TRICO VIEW	77981292	12/1/2009	3939063	3/29/2011
Trico Products Corporation	FOR THE BEST VIEW ALL AROUND YOU	77982581	3/5/2010	4053667	11/8/2011
Trico Products Corporation	DUAL-SHIELD	77961929	3/18/2010	3963165	5/17/2011
Trico Products Corporation	ENGINEERED BY TRICO	77961984	3/18/2010	3963168	5/17/2011
Trico Products Corporation	TRICO (new logo)	85071490	6/25/2010	3999585	7/19/2011
Trico Products Corporation	TRICO SEEING YOU THROUGH	85084721	7/14/2010	4013718	8/16/2011
Trico Products Corporation	TRICO SENSE	85084692	7/14/2010	4007438	8/2/2011
Trico Products Corporation	TRICO CHILL	85118315	8/30/2010	3959966	5/10/2011
Trico Products Corporation	SHIELD	85184460	11/24/2010	3989595	7/5/2011
Trico Products Corporation	TRICO FACTORY REPLACEMENT CENTER	85197248	12/14/2010	4199254	8/28/2012
Trico Products Corporation	TRICO FORCE	85238146	2/9/2011	4094644	1/31/2012
Trico Products Corporation	TRICO VIEW	85293965	4/13/2011	4455407	12/24/2013
Trico Products Corporation	VORTEC	85327240	5/23/2011	4140278	5/8/2012
Trico Products Corporation	HIGHLIDE	85366348	7/8/2011	4176978	7/17/2012
Trico Products Corporation	TRICO ICE	85528729	1/30/2012	4273359	1/8/2013
Trico Products Corporation	TRICO INSITES	85598836	4/16/2012	4202550	9/4/2012
Trico Products Corporation	XTRACLEAR	85666246	7/1/2012	4401380	9/10/2013
Trico Products Corporation	TRICO ONYX	85963710	6/19/2013	4470690	1/21/2014
Trico Products Corporation	TRICO SENTRY	86022040	7/29/2013	4585882	8/12/2014
Trico Products Corporation	TRICO VIRTUAL WIPER SPECIALIST	86105848	10/30/2013	4983639	6/21/2016
Trico Products Corporation	TRICO INSTINCT	86232263	3/26/2014	4664872	12/30/2014
Trico Products Corporation	SEEING YOU THROUGH	86645000	5/29/2015	4880932	1/5/2016
Trico Products Corporation	SELL UP, SURF'S UP	86749881	9/8/2015	5083420	11/15/2016
Trico Products Corporation	TRICO RAIN PRO	87014604	4/26/2016	--	--
Trico Products Corporation	TRICO	87178893	10/21/2016	--	--

Grantor	Name of Trademark	Application Number	Filing Date	Registration Number	Registration Date
Trico Products Corporation	TRICO WINTEREDGE	87294978	1/10/2017	--	--
Trico Products Corporation	TRICO ULTRA	87442066	5/9/2017	--	--
Trico Products Corporation	TricoPRO	87621196	9/25/2017	5526286	7/24/2018
Trico Products Corporation	TRICOPRO	87621196	9/25/2017	--	--
Trico Products Corporation	TRICO SHIELD	87672908	11/6/2017	--	--
Trico Products Corporation	TRICO SHIELD	87/672,908	11/6/2017	5,846,153	8/27/2019
Trico Products Corporation	TRICO TITAN	87/813,954	2/28/2018	5,724,982	4/16/2019
Trico Products Corporation	Trico Smartset	87872838	4/11/2018		
Trico Products Corporation	SMARTSET	87/872,864	4/11/2018	5,909,136	11/12/2019
Trico Products Corporation	TRICO MAXX	88/401,576	4/25/2019		
Trico Products Corporation	SPEEDSET	88/740,350	12/27/2019		
Trico Products Corporation	SPEEDSET TYPHOON	88/740,364	12/27/2019		
Trico Products Corporation	FIRST BRANDS	88/804,745	2/10/2020		
Trico Products Corporation	FIRST BRANDS	88/804,753	2/20/2020		
Trico Products Corporation	FIRST BRANDS	88/804,761	2/20/2020		
Trico Products Corporation	TRICO EXACT FIT	88/850,081	3/27/2020		

Schedule C

UNITED STATES COPYRIGHTS

United States Copyrights

Grantor	Name of Copyright	Registration Number	Registration Date
ASC Industries, Inc.	WP2000A airtex water pumps, fan clutches & water outlets & 4 other titles. TX 5-264-461.	V3596D047	11/5/2010
ASC Industries, Inc.	AX02 airtex fuel pumps, in-tank assemblies & fuel filters. TX 5-465-064.	V3596D047	11/5/2010
ASC Industries, Inc.	FP2002 master domestic & import fuel pumps & assemblies fuel filters. TX 5-465-063.	V3596D047	11/5/2010
ASC Industries, Inc.	UNGI0-01 master domestic & import water pumps, fan clutches, water outlets supplement. TX 5-089-837.	V3596D047	11/5/2010
ASC Industries, Inc.	UAP/NAPA catalog UNGLO-01 domestic & import fuel pump catalog. TX 5-485-561.	V3596D047	11/5/2010
Trico Products Corporation	Conventional "Wiper Motor- Controller" Software Program	TX0007318849	9/8/2010
Trico Products Corporation	LN " Wiper Motor- Controller" Software Program	TX0007417054	7/10/2011
Trico Products Corporation	Conventional "wiper-motor controller" software program. TX 7- 318-849.	V3606D589	8/3/2011
Trico Products Corporation	Conventional "wiper motor-controller" software program & 1 other title.	V3628D427	10/14/2014
Trico Products Corporation	Conventional "Wiper Motor- Controller" & 1 other title.	V9918D934	10/6/2014
Trico Products Corporation	Conventional "Wiper Motor-Controller" & 1 other title.	V9918D935	10/6/2014
Trico Products Corporation	Conventional "Wiper Motor-Controller" software program and 1 other title.	V9937D081	6/6/2016
Trico Products Corporation	Conventional "Wiper Motor-Controller" software program and 1 other titles.	V9937D082	6/6/2016
Trico Products Corporation	Conventional "Wiper Motor-Controller" software program and 1 other title.	V9937D281	6/6/2016

TRADEMARK

REEL: 006922 FRAME: 0088