TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM319044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Security Agreement

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
BEI Sensors & Systems Company, Inc.		09/30/2014	CORPORATION: DELAWARE
Custom Sensors & Technologies, Inc		09/30/2014	CORPORATION: DELAWARE
Crydom, Inc.		09/30/2014	CORPORATION: DELAWARE
Kavlico Corporation		09/30/2014	CORPORATION: CALIFORNIA

RECEIVING PARTY DATA

Name:	Deutsche Bank AG New York Branch, as collateral agent
Street Address:	60 Wall Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10005
Entity Type:	Bank: GERMANY

PROPERTY NUMBERS Total: 24

Property Type	Number	Word Mark
Registration Number:	4271164	SWIFTCOMM
Registration Number:	4271163	SWIFTCOMM
Registration Number:	3163505	MMQ
Registration Number:	3238383	MMQ-G
Registration Number:	2122856	MODEL H20
Registration Number:	2148583	MODEL H25
Registration Number:	1898649	MOTIONPAK
Registration Number:	3117141	OMNICODER
Registration Number:	1628110	CRYDOM
Registration Number:	4522579	GORDOS
Registration Number:	2380305	BEI
Registration Number:	2380306	BEI
Registration Number:	1109920	BEI
Registration Number:	2187684	EXPRESS ENCODER
Registration Number:	2149336	HORIZON
Registration Number:	2911698	QDARS

OP $615.00 4271164

Property Type	Number	Word Mark
Registration Number:	2768578	SYSTRON DONNER
Registration Number:	4396369	CST
Registration Number:	4396370	CST
Registration Number:	1787945	GYROCHIP
Registration Number:	1799995	CERACAP
Registration Number:	2275901	KAVLICO
Registration Number:	3149715	KAVLICO
Registration Number:	2274139	TECHNOLOGY THAT FITS

CORRESPONDENCE DATA

Fax Number:

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.

Email: marina.kelly@thomsonreuters.com
Correspondent Name: Elaine Carrera, Legal Assistant
Address Line 1: 80 Pine Street
Address Line 2: c/o Cahill Gordon & Reindel LLP
Address Line 4: New York, NEW YORK 10005

NAME OF SUBMITTER:	Elaine Carrera, Legal Assistant
SIGNATURE:	/Marina Kelly, Thomson Reuters/
DATE SIGNED:	10/03/2014

Total Attachments: 26
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated September 30, 2014, is among the Persons listed on the signature pages hereof (collectively, the "Grantors") and Deutsche Bank AG New York Branch, as collateral agent (the "Collateral Agent") for the Secured Parties (as defined in the Credit Agreement referred to below).

Reference is made to (i) the Credit Agreement dated as of September 30, 2014 (as it may hereafter be amended, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder) among CARROS FINANCE LUXEMBOURG S.À R.L. and CARROS US LLC, as Borrowers, CARROS UK HOLDCO LIMITED, as Holdings, DEUTSCHE BANK AG NEW YORK BRANCH, as administrative agent and collateral agent, and the other parties thereto and (ii) the Security Agreement dated September 30, 2014 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), among the Grantors from time to time party thereto and the Collateral Agent. Capitalized terms defined in the Credit Agreement or the Security Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement or the Security Agreement (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, as a condition precedent to the making of the Loans by the Lenders from time to time and the issuance of Letters of Credit by the L/C Issuers from time to time, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the entry into Secured Cash Management Agreements by the Cash Management Banks from time to time, each Grantor has executed and delivered the Security Agreement.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed thereunder to execute this IP Security Agreement for recording with the USPTO and/or the USCO, 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. Grant of Security. Each Grantor hereby grants to the Collateral Agent for the benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to the following, whether now owned or hereafter acquired by the undersigned (the "Collateral"):

(i) the patents and patent applications set forth in Schedule A hereto (the "Patents");

(ii) the trademark and service mark registrations and applications 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 so long as creation of a security

interest therein or the assignment thereof would result in the loss of any material rights therein), together with the goodwill symbolized thereby (the "Trademarks");

(iii) all copyrights, whether registered or unregistered, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto (the "Copyrights");

(iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, 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;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (i) through (vi), the security interest created hereby shall not extend to, and the term "Collateral" shall not include, any Excluded Property.

SECTION 2. 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 Secured Documents (as such Secured Documents may be amended, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)), 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. Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations that would be owed by such Grantor to any Secured Party under the Secured Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Loan Party.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights and the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

SECTION 4. 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.

SECTION 5. 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 terms of the Security Agreement, the terms of the Security Agreement shall govern.

SECTION 6. Governing Law; Jurisdiction; Etc.

(a) THIS IP SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

(b) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY SUBMITS, FOR ITSELF AND ITS PROPERTY, TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK SITTING IN THE STATE, COUNTY AND CITY OF NEW YORK AND OF THE UNITED STATES FOR THE SOUTHERN DISTRICT OF NEW YORK, AND ANY APPELLATE COURT FROM ANY THEREOF, IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT, AND EACH OF THE PARTIES HERETO IRREVOCABLY AND UNCONDITIONALLY AGREES THAT ALL CLAIMS IN RESPECT OF ANY SUCH ACTION OR PROCEEDING MAY BE HEARD AND DETERMINED IN SUCH NEW YORK STATE COURT OR, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN SUCH FEDERAL COURT. EACH OF THE PARTIES HERETO AGREES THAT A FINAL JUDGMENT IN ANY SUCH ACTION OR PROCEEDING SHALL BE CONCLUSIVE AND MAY BE ENFORCED IN OTHER JURISDICTIONS BY SUIT ON THE JUDGMENT OR IN ANY OTHER MANNER PROVIDED BY LAW. NOTHING IN THIS IP SECURITY AGREEMENT SHALL AFFECT ANY RIGHT THAT THE ADMINISTRATIVE AGENT, THE COLLATERAL AGENT, ANY LENDER OR ANY L/C ISSUER MAY OTHERWISE HAVE TO BRING ANY ACTION OR PROCEEDING RELATING TO THIS IP SECURITY AGREEMENT AGAINST THE U.S. BORROWER OR ANY OTHER LOAN PARTY (OTHER THAN A LOAN PARTY INCORPORATED IN FRANCE) OR ITS PROPERTIES IN THE COURTS OF ANY JURISDICTION.

(c) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY OBJECTION THAT IT MAY NOW OR HEREAFTER HAVE TO THE LAYING OF VENUE OF ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT IN ANY COURT REFERRED TO IN PARAGRAPH (b) OF THIS SECTION. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, THE DEFENSE OF AN INCONVENIENT FORUM TO THE MAINTENANCE OF SUCH ACTION OR PROCEEDING IN ANY SUCH COURT.

(d) EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN THE MANNER PROVIDED FOR NOTICES IN SECTION 10.02 OF THE CREDIT AGREEMENT. NOTHING IN THIS IP SECURITY AGREEMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAW.

(e) EACH PARTY TO THIS IP SECURITY AGREEMENT HEREBY EXPRESSLY WAIVES ANY RIGHT TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION ARISING UNDER THIS IP SECURITY AGREEMENT OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS IP SECURITY AGREEMENT, OR THE TRANSACTIONS RELATED THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER FOUNDED IN CONTRACT OR TORT OR OTHERWISE; AND EACH PARTY HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION 6(e) WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENT OF THE SIGNATORIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY.

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

CUSTOM SENSORS & TECHNOLOGIES, INC.

By: _____
Name: Eric Pilaud
Title: President and Chief Executive Officer

CRYDOM, INC.
BEI SENSORS & SYSTEMS COMPANY, INC.
KAVLICO CORPORATION

By: _____
Name: Eric Pilaud
Title: President

[Signature Page to Intellectual Property Security Agreement]

DEUTSCHE BANK AG NEW YORK BRANCH
as Collateral Agent

By: _____
Name: Michael Shannon
Title: Vice President

By: _____
Name: Peter Cucchiara
Title: Vice President

[Signature Page to IP Security Agreement]

Schedule A

Patents

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
BEI Sensors & Systems Company, Inc.	United States	MULTI-TURN SENSOR	10/19/2010	12/907,754	2/19/2013	8,378,666	Issued
BEI Sensors & Systems Company, Inc.	United States	System and Method for Converting Output of Sensors to Absolute Angular Position of a Rotating Member	7/26/2013	13/951858			Pending
BEI Sensors & Systems Company, Inc.	United States	System And Method For Determining Absolute Angular Position Of A Rotating Member	7/26/2013	13/951,847			Pending
Custom Sensors & Technologies, Inc.	United States	Performance Enhancement of Closed-Ended Magnetic Circuits	4/11/1995	08/420,039	10/14/1997	5,677,963	Issued
Crydom, Inc.	United States	High Speed Charge Control For Power Switching Devices	9/20/2012	13/623,694			Pending
BEI Sensors & Systems Company, Inc.	United States	FUZZY LOGIC CONTROLLED ENDOMETRIUM ABLATOR	4/18/1996	08/634,691	9/21/1999	5,956,464	Issued
BEI Sensors & Systems Company, Inc.	United States	Accelerometer and Method of Manufacture	12/5/1996	08/759,484	5/26/1998	5,755,978	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
BEI Sensors & Systems Company, Inc.	United States	Rotation Rate Sensor with Optical Sensing Device	4/30/1997	08/848,323	8/18/1998	5,796,002	Issued
BEI Sensors & Systems Company, Inc.	United States	MOBILE TRACKING ANTENNA MADE BY SEMICONDUCTOR TECHNIQUE	10/1/1997	08/781,199	12/15/1998	5,850,199	Issued
BEI Sensors & Systems Company, Inc.	United States	Angular Position Sensor With Inductive Attenuating Coupler	9/7/1999	09/390,885	10/16/2001	6,304,076	Issued
BEI Sensors & Systems Company, Inc.	United States	NON-CONTACT LINEAR POSITION SENSOR FOR MOTION CONTROL APPLICATIONS WITH INDUCTIVE ATTENUATING COUPLER	1/17/2001	09/764,840	9/10/2002	6,448,759	Issued
BEI Sensors & Systems Company, Inc.	United States	VERTICAL MOVEMENT CAPACITIVE TORQUE SENSOR	10/2/2001	09/970,339	5/20/2003	6,564,654	Issued
BEI Sensors & Systems Company, Inc.	United States	DIGITALLY PROGRAMMABLE PULSE-WIDTH MODULATION (PWM) CONVERTER	12/6/2001	10/006,092	4/8/2003	6,545,621	Issued
BEI Sensors & Systems Company, Inc.	United States	NON CONTACTING TORQUE SENSOR	8/22/2001	09/935,374	2/18/2003	6,520,031	Issued
BEI Sensors & Systems Company, Inc.	United States	DIFFERENTIAL CAPACITIVE TORQUE SENSOR	7/11/2001	09/904,067	8/10/2004	6,772,646	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
BEI Sensors & Systems Company, Inc.	United States	LINEAR VOICE COIL ACTUATOR AS A CONTROLLABLE ELECTROMAGNETIC COMPRESSION SPRING	4/2/2003	10/406,099	12/14/2004	6,831,538	Issued
BEI Sensors & Systems Company, Inc.	United States	Closed-ended linear voice coil actuator with improved force characteristic	10/24/2003	10/693,394	1/29/2013	8,363,881	Issued
BEI Sensors & Systems Company, Inc.	United States	IRONCORE LINEAR BRUSHLESS DC MOTOR WITH REDUCED DETENT FORCE	6/2/2004	10/860,361	4/22/2008	7,362,012	Issued
BEI Sensors & Systems Company, Inc.	United States	POSITION SENSOR UTILIZING A LINEAR HALL-EFFECT SENSOR	2/13/2004	10/778,879	1/23/2007	7,166,996	Issued
BEI Sensors & Systems Company, Inc.	United States	PROGRAMMABLE, MULTI-TURN, PULSE WIDTH MODULATION CIRCUIT FOR A NON-CONTACT ANGULAR POSITION SENSOR	3/29/2004	10/813,329	1/10/2006	6,985,018	Issued
BEI Sensors & Systems Company, Inc.	United States	PULSE WIDTH MODULATION BASED DIGITAL INCREMENTAL ENCODER	5/25/2004	10/853,330	3/21/2006	7,015,832	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
BEI Sensors & Systems Company, Inc.	United States	BI-DIRECTIONAL SIGNAL CONVERTER	9/3/2004	10/934,296	03/25/2008	7,349,821	Issued
BEI Sensors & Systems Company, Inc.	United States	RADIAL MOVEMENT CAPACITIVE TORQUE SENSOR	5/11/2004	10/842,914	10/18/2005	6,955,097	Issued
BEI Sensors & Systems Company, Inc.	United States	REPROGRAMMABLE BI-DIRECTIONAL SIGNAL CONVERTER	10/25/2005	11/258,834	02/26/2008	7,336,756	Issued
BEI Sensors & Systems Company, Inc.	United States	POSITION SENSOR UTILIZING A LINEAR HALL-EFFECT SENSOR	1/19/2007	11/656,173	7/31/2007	7,250,754	Issued
Custom Sensors & Technologies, Inc.	United States	Reduced Quantization Noise from Single-Precision Multiplier	6/24/1994	08/265,170	10/31/1995	5,463,575	Issued
Custom Sensors & Technologies, Inc.	United States	Digital Demodulator Reference Signal Generator having DC Blocker and First Hilbert Transformation with Quadrature Output followed by Gain Staging and Combination for Second Hilbert Transformation Quadrature Output	9/30/1994	08/316,143	8/27/1996	5,550,866	Issued
Custom Sensors & Technologies, Inc.	United States	Sensor with Resonator, Digital Filter, and Display	2/3/1995	08/383,142	10/15/1996	5,566,093	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Custom Sensors & Technologies, Inc.	United States	Inertial Rate Sensor Tuning Fork	9/15/1999	09/396,996	7/17/2001	6,262,520	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Rate Sensor Tuning Fork	4/6/2001	09/827,886	1/14/2003	6,507,141	Issued
Custom Sensors & Technologies, Inc.	United States	Resistance Element for Potentiometric Devices and Method of Manufacture	2/21/2002	10/081,123	11/9/2004	6,815,039	Issued
BEI Technologies, Inc., Continental Teves AG & Co. OHG, Conti Temic Microelectronic GMGH	United States	MICROMACHINED VIBRATORY GYROSCOPE WITH ELECTROSTATIC COUPLING	2/3/2004	10/792,043	1/22/2005	6,966,224	Issued
BEI Sensors & Systems Company, Inc.	United States	APPARATUS AND METHOD FOR REDUCING NOISE AND VIBRATION IN AN ELECTRIC MOTOR	12/14/1998	09/211,021	12/12/2000	6,160,331	Issued
Crydom, Inc.	United States	Addressable Intelligent Relay	7/22/1998	09/121,026	3/19/2002	6,360,277	Issued
Crydom, Inc.	United States	TEMPERATURE CONTROLLER	9/15/2005	11/227,819	7/21/2009	7,562,830	Issued
Crydom, Inc.	United States	Teardrop Shaped Lead Frames	11/6/2003	10/702,693	4/4/2006	7,023,075	Issued
Crydom, Inc.	United States	APPARATUS AND METHOD FOR STANDBY LIGHTING	7/15/2004	10/891,881	11/21/2006	7,139,680	Issued
Custom Sensors & Technologies, Inc.	United States	Low Impedance Single-Ended Tuning Fork and Method	3/13/1998	09/040,231	8/17/1999	5,939,631	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Custom Sensors & Technologies, Inc.	United States	Method of Manufacturing with Reduced Quadrature Error and Symmetrical Mass Balancing	7/13/2000	09/615,294	4/28/2009	7,523,537	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Rate Sensor and Method with Built-In Testing	9/15/2000	09/663,740	12/24/2002	6,497,146	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Rate Sensor and Method with Improved Tuning Fork Drive	9/15/2000	09/663,742	1/28/2003	6,510,737	Issued
Custom Sensors & Technologies, Inc.	United States	LINEAR VOICE COIL ACTUATOR WITH COMPENSATING COILS	3/27/2001	09/817,925	3/30/2004	6,713,904	Issued
Custom Sensors & Technologies, Inc.	United States	Tuning Fork and Method with Reduced Quadrature Error and Symmetrical Mass Balancing	6/26/2001	09/893,145	3/9/2004	6,701,785	Issued
Custom Sensors & Technologies, Inc.	United States	Linear Brushless DC Motor with Ironless Armature Assembly	12/21/2001	10/032,358	10/5/2004	6,800,966	Issued
Custom Sensors & Technologies, Inc.	United States	LONG STROKE LINEAR VOICE COIL ACTUATOR WITH THE PROPORTIONAL SOLENOID TYPE CHARACTERISTIC	2/22/2002	10/080,870	3/22/2005	6,870,285	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Custom Sensors & Technologies, Inc.	United States	LINEAR BRUSHLESS DC MOTOR WITH IRONCORE COMPOSITE ARMATURE ASSEMBLY	4/3/2002	10/116,495	7/19/2005	6,919,660	Issued
Custom Sensors & Technologies, Inc.	United States	LINEAR VOICE COIL ACTUATOR WITH A LATCHING FEATURE	9/10/2002	10/241,316	11/9/2004	6,815,846	Issued
Custom Sensors & Technologies, Inc.	United States	LINEAR VOICE COIL ACTUATOR WITH PLANAR COILS	12/20/2002	10/327,316	9/7/2004	6,787,943	Issued
Custom Sensors & Technologies, Inc.	United States	LINEAR VOICE COIL ACTUATOR WITH COMPENSATING COILS	12/19/2003	10/741,133	5/17/2005	6,894,408	Issued
Custom Sensors & Technologies, Inc.	United States	Phase-Locked Mechanical Resonator Pair and Its Application in Micromachined Vibration Gyroscope	3/28/2004	10/708,847	9/6/2005	6,938,483	Issued
Custom Sensors & Technologies, Inc.	United States	Electronically Configurable Rate Sensor Circuit and Method	7/26/2004	10/900,056	10/24/2006	7,124,632	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Measurement System and Method with Sensor Bias Cancellation	3/4/2005	11/072,064	3/20/2007	7,191,636	Issued
Custom Sensors & Technologies, Inc.	United States	Torsional Rate Sensor with Momentum Balance and Mode Decoupling	6/6/2005	11/146,401	5/29/2007	7,222,533	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Custom Sensors & Technologies, Inc.	United States	Torsional Rate Sensor with Momentum Balance and Mode Decoupling	6/6/2005	11/146,294	6/12/2007	7,228,738	Issued
Custom Sensors & Technologies, Inc.	United States	Torsional Rate Sensor with Momentum Balance and Mode Decoupling	6/6/2005	11/146,310	7/10/2007	7,240,552	Issued
Custom Sensors & Technologies, Inc.	United States	VOICE COIL ACTUATOR WITH EMBEDDED CAPACITIVE SENSOR FOR MOTION, POSITION AND/OR ACCELERATION DETECTION	6/21/2005	11/159,572	3/10/2009	7,501,834	Issued
Custom Sensors & Technologies, Inc.	United States	DUAL RATE FORCE TRANSDUCER	2/27/2006	11/363,405	2/26/2008	7,334,489	Issued
Custom Sensors & Technologies, Inc.	United States	Dual Axis Rate Sensor	10/23/2006	11/552,006	12/9/2008	7,461,552	Issued
BEI Sensor & Systems Company, Inc.	United States	LINEAR VOICE COIL ACTUATOR AS A BI-DIRECTIONAL ELECTROMAGNETIC SPRING	12/7/2006	11/635,323	6/5/2012	8,193,885	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Measurement System and Method with Bias Cancellation	3/20/2007	11/726,404	1/27/2009	7,481,109	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Measurement System and Method with Sensor Bias Cancellation	3/20/2007	11/726,389	3/31/2009	7,509,857	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Custom Sensors & Technologies, Inc.	United States	Indexing Dithering Mechanism and Method	4/13/2007	11/735,014	3/17/2009	7,505,140	Issued
Custom Sensors & Technologies, Inc.	United States	Dithering Mechanism for Eliminating Zero-Rate Bias in a Gyroscope	4/13/2007	11/734,983	6/16/2009	7,548,318	Issued
Custom Sensors & Technologies, Inc.	United States	Wireless Industrial Data Transmission System	5/27/2007	11/753,725	4/3/2012	8,150,964	Issued
Custom Sensors & Technologies, Inc.	United States	Hybrid Power Relay with Thermal Protection	12/1/2008	12/325,466	1/3/2012	8,089,735	Issued
Custom Sensors & Technologies, Inc.	United States	SENSE ELEMENT ASSEMBLY AND METHOD	4/24/2008	12/109,275	8/17/2010	7,775,118	Issued
Custom Sensors & Technologies, Inc.	United States	BACKSIDE CONTROLLED MEMS CAPACITIVE SENSOR AND INTERFACE AND METHOD	5/15/2008	12/121,070	7/10/2012	8,217,475	Issued
Custom Sensors & Technologies, Inc.	United States	SENSOR ASSEMBLY AND METHOD	6/2/2008	12/131,879	12/27/2011	8,082,807	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Sensor with Dual Cavity Package and Method of Fabrication	9/23/2008	12/236,156	12/20/2011	8,080,925	Issued
Custom Sensors & Technologies, Inc.	United States	Solid State Switching Device with Integral Heatsink	5/5/2010	12/774,178	25 Jun 2013	8472194	Issued
Custom Sensors & Technologies, Inc.	United States	Inertial Sensor with Dual Cavity Package and Method of Fabrication	9/23/2010	12/888,870		2011-0010924 A1	Pending

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Custom Sensors & Technologies, Inc.	United States	METHOD AND SYSTEM FOR INITIAL QUATERNION AND ATTITUDE ESTIMATION	12/22/2010	12/976,603	2/4/2014	8,645,063	Issued
Custom Sensors & Technologies, Inc.	United States	SENSOR MOUNT VIBRATION REDUCTION	4/28/2011	13/096,450	11/5/2013	8,573,057	Issued
Kavlico Corporation	United States	ANTI-BACKLASH COUPLER	2/29/2012	13/408,761			Pending
BEI Sensors & Systems Company, Inc.	United States	GYROSCOPE AND DEVICES WITH STRUCTURAL COMPONENTS COMPRISING HfO2-TiO2 MATERIAL	3/13/2012	13/419,186			Pending
Kavlico Corporation; Endress + Hauser Gmbh + Co.; ENVEC Mess Und Regeltechnik Gmbh + Co.; Vega Grieshaber KG;	United States	CURCUIT ARRANGEMENT WITH AN OPERATIONAL AMPLIFIER	7/24/1997	08/899,536	9/7/1999	5949288	Issued
Kavlico Corp; Endress Hauser Gmbh Co; Envec Mess Und Regeltechn Gmbh; Grieshaber Vega Kg	United States	CIRCUIT ARRANGEMENT FOR THE LINEARIZATION AND TEMPERATURE COMPENSATION OF SENSOR SIGNALS	11/18/1994	08/342,218	2/18/1997	5604685	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Kavlico Corporation	United States	SEMICONDUCTOR SENSOR WITH A FUSION BONDED FLEXIBLE STRUCTURE	10/6/1994	08/318,918	11/26/1996	5,578,843	Issued
Kavlico Corporation	United States	CAPACITIVE PRESSURE SENSOR WITH EXTRUDED INDIUM VACUUM SEAL	12/22/1994	08/362,656	9/10/1996	5,553,502	Issued
Kavlico Corporation	United States	PROCESS FOR MAKING A SEMICONDUCTOR SENSOR WITH A FUSION BONDED FLEXIBLE STRUCTURE	2/22/1995	08/395,397	11/19/1996	5,576,251	Issued
Kavlico Corporation	United States	MULTIPLE LOCAL OXIDATION FOR SURFACE MICROMACHINING	9/20/1996	08/717,024	10/12/1999	5,966,617	Issued
Kavlico Corporation	United States	CAPACITIVE OIL DETERIORATION AND CONTAMINATION SENSOR	3/6/1997	08/812,683	10/20/1998	5,824,889	Issued
Kavlico Corporation	United States	PROCESS FOR MAKING A FUSION-BONDED SEMICONDUCTOR DEVICE HAVING AN ELECTRICAL FEED-THROUGH	7/18/1997	08/897,124	7/13/1999	5,923,952	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Kavlico Corporation	United States	SURFACE MICRO-MACHINED SENSOR WITH PEDESTAL	7/18/1997	08/896,793	4/3/2001	6,211,558	Issued
Kavlico Corporation	United States	SEAT CUSHION PRESSURE SENSING SYSTEM AND METHOD	11/18/1997	08/972,314	3/28/2000	6,041,658	Issued
Kavlico Corporation	United States	HIGH-SENSITIVITY CAPACITIVE OIL DETERIORATION AND LEVEL SENSOR	12/3/1997	08/984,584	7/27/1999	5,929,754	Issued
Kavlico Corporation	United States	FUSION-BONDED ELECTRICAL FEED-THROUGH	3/17/1998	09/040,502	7/27/1999	5,929,498	Issued
Kavlico Corporation	United States	PROCESS FOR WAFER BONDING IN A VACUUM	5/19/1998	09/081,696	12/28/1999	6,008,113	Issued
Kavlico Corporation	United States	REDUNDANT LINKAGE AND SENSOR ASSEMBLY	6/29/1999	09/342,365	1/30/2001	6,178,829	Issued
Kavlico Corporation	United States	SURFACE MICRO-MACHINED SENSOR WITH PEDESTAL	3/29/2000	09/538,127	12/17/2002	6,495,388	Issued
Kavlico Corporation	United States	LINEAR VARIABLE DIFFERENTIAL TRANSFORMER ASSEMBLY WITH NULLING ADJUSTMENT AND PROCESS FOR NULLING ADJUSTMENT	4/12/2000	09/547,511	8/12/2003	6,605,940	Issued
Kavlico Corporation	United States	ROTARY TO LINEAR LVDT SYSTEM	8/4/2000	09/632,223	6/28/2005	6,911,819	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Kavlico Corporation	United States	REDUNDANT LINKAGE AND SENSOR ASSEMBLY	9/25/2000	09/669,106	11/6/2001	6,311,566	Issued
Kavlico Corporation	United States	STABLE DIFFERENTIAL PRESSURE MEASURING SYSTEM	11/2/2000	09/704,376	5/20/2003	6,564,642	Issued
Kavlico Corporation	United States	VERY HIGH PRESSURE MINIATURE SENSING AND MOUNTING TECHNIQUE	12/4/2000	09/729,044	1/14/2003	6,505,398	Issued
Kavlico Corporation	United States	PRECISE DIELECTRIC CONSTANT SENSOR	1/12/2001	09/759,865	6/24/2003	6,583,631	Issued
Kavlico Corporation	United States	INDEPENDENT-EXCITATION CROSS-COUPLED DIFFERENTIAL-PRESSURE TRANSDUCER	3/22/2001	09/815,094	6/24/2003	6,581,468	Issued
Kavlico Corporation	United States	CORROSION-PROOF PRESSURE TRANSDUCER	10/12/2001	09/977,931	7/1/2003	6,584,853	Issued
Kavlico Corporation	United States	SEAT WEIGHT MEASUREMENT SYSTEM	6/3/2002	10/166,235	2/1/2005	6,849,807	Issued
Kavlico Corporation	United States	LINEARITY SEMI-CONDUCTIVE PRESSURE SENSOR (SCAP2)	6/18/2004	10/872,055	4/18/2006	7,028,551	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Kavlico Corporation	United States	FUEL TANK MODULE CONTROL SYSTEM	7/28/2004	10/901,829	8/7/2007	7,251,997	Issued
Kavlico Corporation	United States	WEIGHT TRANSFER LINK	2/1/2005	11/048,131	4/7/2009	7,513,475	Pending
Kavlico Corporation	United States	INTEGRATED TILT SENSOR	4/13/2005	11/106,027	8/14/2007	7,254,897	Issued
Kavlico Corporation	United States	LEAD EMBEDDED PRESSURE SENSOR	8/4/2005	11/198,017	1/16/2007	7,162,926	Issued
Kavlico Corporation	United States	MULTIPLE CHANNEL RVDT WITH DUAL LOAD PATH AND FAIL-SAFE MECHANISMS	1/25/2006	11/339,040	4/8/2008	7,353,608	Issued
Kavlico Corporation	United States	RELIABLE PIEZO-RESISTIVE PRESSURE SENSOR	4/17/2006	11/405,961	7/8/2008	7,395,718	Pending
Kavlico Corporation	United States	METHOD AND APPARATUS FOR TIRE PRESSURE MONITORING	6/5/2006	11/447,601	4/7/2009	7,515,039	Issued
Kavlico Corporation	United States	PREFORMED SENSOR HOUSINGS AND METHODS TO PRODUCE THIN METAL DIAPHRAGMS	10/23/2006	11/552,064	7/8/2008	7,395,719	Issued
Kavlico Corporation	United States	METHOD AND APPARATUS FOR CALIBRATION OF SENSOR SIGNALS	5/29/2007	11/754,971	8/4/2009	7,571,065	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
Kavlico Corporation	United States	DIAPHRAGM ISOLATION THROUGH SUBTRACTIVE ETCHING	10/15/2007	11/872,596	8/14/2012	8,240,217	Issued
Kavlico Corporation	United States	ONE PIN CALIBRATION ASSEMBLY AND METHOD FOR SENSORS	3/11/2009	12/402,296	7/17/2012	8,224,611	Issued
Kavlico Corporation	United States	COINTEGRATED MEMS SENSOR AND METHOD	3/16/2009	12/404,792	6/12/2012	8,196,475	Issued
Kavlico Corporation	United States	ROTARY VARIABLE DIFFERENTIAL TRANSFORMER (RVDT) SENSOR ASSEMBLY WITH AUXILIARY OUTPUT SIGNAL	1/27/2012	PCT/US12/22986			Pending
KAVLICO CORPORATION	United States	Rotatable and Stationary Gates for Movement Control	12/7/2012	13/707791	6/12/2014	US 20140157943	Pending
Kavlico Corporation; Vega Grieshaber KG; Envec Mess Und Regeltechnik Gmbh + Co.; Endress + Hauser Gmbh + Co.	United States	MONOLITHIC MOS-SC CIRCUIT	9/23/1997	08/935,870	11/14/2000	6147541	Issued
BEI Sensors & Systems Company, Inc.	United States	Angular Rate Sensor made from a Structural Wafer of Single Crystal Silicon	4/26/1999	09/299,472	2/20/2001	6,189,381	Issued

Owner	Country	Title	Application Date	Application No.	Issue Date	Patent No.	Status
BEI Sensors & Systems Company, Inc.	United States	Inertial Navigation Sculling Algorithm	1/8/2014	13/985,644	4/24/2014	US 20140114569	Pending
KAVLICO Corporation	US	Formation Of Flexible Structures For Microelectromechanical Devices And Resulting Structures	27 Jan 2003	10/352,933			Pending
KAVLICO Corporation	US	Voltage Limiter with Reverse Voltage Blocking Circuit	25 Jun 2003	10/607036			Pending
Custom Sensors & Technologies, Inc.	US	Fastener With Magnetostrictive Force Measurement	04 Jun 2007	11/757,973			Pending
Custom Sensors & Technologies, Inc	US	Distributed Mass Hemispherical Resonator Gyroscope	13 Dec 2010	12/966700	8/19/2014	8,806,939	Issued
BEI Sensors & Systems Company, Inc.	US	Polarity Insensitive Hall Effect Sensor	28 Jan 2014	14/165954			Pending
Kavlico Corporation	US	Pressure Transducer With Capacitively Coupled Source Electrode	16 Jan 2014	14/157235			Pending
Kavlico Corporation	US	Differential Pressure Sensor with Dual Output Using a Double-Sided Capacitive Sensing Element	17 Jan 2014	14/158213			Pending
BEI Sensors & Systems Company	US	Bi-directional signal converter	7 May 2002	10/143,500	7 Sep 2004	6,789,041	Issued

Schedule B

Trademarks

Owner	Country	Trademark	App. No. App. Date	Reg. No. Reg. Date	Status
BEI Sensors & Systems Company, Inc.	U.S. Federal	SWIFTCOMM swift comm	85597042 13-APR-2012	4271164 8-JAN-2013	Registered
BEI Sensors & Systems Company, Inc.	U.S. Federal	SWIFTCOMM	85596986 13-APR-2012	4271163 8-JAN-2013	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	MMQ	78404973 20-APR-2004	3163505 24-OCT-2006	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	MMQ-G	78764015 30-NOV-2005	3238383 01-MAY-2007	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	MODEL H20	75087544 12-APR-1996	2122856 23-DEC-1997	Renewed in 2007 Section 2(F)
Custom Sensors & Technologies, Inc.	U.S. Federal	MODEL H25	75087396 12-APR-1996	2148583 07-APR-1998	Renewed in 2008 Section 2(F)
Custom Sensors & Technologies, Inc.	U.S. Federal	MOTIONPAK	74436629 17-SEP-1993	1898649 13-JUN-1995	Renewed In 2005
Custom Sensors & Technologies, Inc.	U.S. Federal	OMNICODER	78684136 02-AUG-2005	3117141 18-JUL-2006	Registered
Crydom, Inc.	U.S. Federal	CRYDOM CRYDOM	74020873 22-JAN-1990	1628110 18-DEC-1990	Renewed in 2010
Crydom, Inc.	U.S. Federal	GORDOS	85642725 04-JUN-2012	4522579 29-APR-2014	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	BEI	75449168 12-MAR-1998	2380305 29-AUG-2000	Renewed In 2010
Custom Sensors & Technologies, Inc.	U.S. Federal	BEI BEI	75449288 12-MAR-1998	2380306 29-AUG-2000	Renewed In 2010
Custom Sensors & Technologies, Inc.	U.S. Federal	BEI	73138390 22-AUG-1977	1109920 26-DEC-1978	Renewed in 2008
Custom Sensors & Technologies, Inc.	U.S. Federal	EXPRESS ENCODER	75339205 11-AUG-1997	2187684 08-SEP-1998	Renewed in 2008

Owner	Country	Trademark	App. No. App. Date	Reg. No. Reg. Date	Status
Custom Sensors & Technologies, Inc.	U.S. Federal	HORIZON	75267840 02-APR-1997	2149336 07-APR-1998	Renewed in 2008
Custom Sensors & Technologies, Inc.	U.S. Federal	QDARS	78202166 10-JAN-2003	2911698 14-DEC-2004	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	SYSTRON DONNER	76057937 26-MAY-2000	2768578 30-SEP-2003	Renewed in 2013
Custom Sensors & Technologies, Inc.	U.S. Federal	CST	77245034 02-AUG-2007	4396369 3-SEP-2013	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	CST	77245270 02-AUG-2007	4396370 3-SEP-2013	Registered
Custom Sensors & Technologies, Inc.	U.S. Federal	GYROCHIP	74313263 14-SEP-1992	1787945 17-AUG-1993	Renewed in 2005
Kavlico Corporation	U.S. Federal	CERACAP	74217638 01-NOV-1991	1799995 19-OCT-1993	Renewed in 2003
Kavlico Corporation	U.S. Federal	KAVLICO	75494783 02-JUN-1998	2275901 07-SEP-1999	Renewed in 2009
Kavlico Corporation	U.S. Federal	KAVLICO 	78499054 13-OCT-2004	3149715 26-SEP-2006	Registered
Kavlico Corporation	U.S. Federal	TECHNOLOGY THAT FITS	75495991 04-JUN-1998	2274139 31-AUG-1999	Renewed In 2009

Schedule C

Copyrights

Copyright Claimant	Title	Registration No	Date
Kavlico Corporation	Kavlico engine misfire detection software / written by Dennis Kaloi and	TXu000641830	1994-06-07
Kavlico Corporation	Pascal language misfire detection source code	TXu000634039	1994-06-07
Kavlico Corporation	PGEN.CPP.	TXu000869839	1998-08-13