

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM375884

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Release of Second Amended and Restated IPSA		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Silicon Valley Bank		03/07/2016	Corporation: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Real Chambers Corporation		
<b>Street Address:</b>	10390 E 48th Avenue		
<b>City:</b>	Denver		
<b>State/Country:</b>	COLORADO		
<b>Postal Code:</b>	80238		
<b>Entity Type:</b>	Corporation: COLORADO		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	86189003	RHH REAL HALT/HASS CHAMBERS	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	3038630223		
<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>	303-863-9700		
<b>Email:</b>	phirschman@sheridanross.com		
<b>Correspondent Name:</b>	Pamela N. Hirschman		
<b>Address Line 1:</b>	Sheridan Ross P.C.		
<b>Address Line 2:</b>	1560 Broadway, Suite 1200		
<b>Address Line 4:</b>	Denver, COLORADO 80220		
<b>ATTORNEY DOCKET NUMBER:</b>	5866-42		
<b>NAME OF SUBMITTER:</b>	Pamela N. Hirschman		
<b>SIGNATURE:</b>	/Pamela N. Hirschman/		
<b>DATE SIGNED:</b>	03/07/2016		
<b>Total Attachments: 14</b>			
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## INTELLECTUAL PROPERTY SECURITY INTEREST RELEASE AGREEMENT

This Intellectual Property Security Interest Release Agreement is dated as of 03/07/2016 and executed and delivered by Silicon Valley Bank ("Lender") in favor of Qualmark Corporation and Real Chambers Corporation (collectively, the "Grantors").

WHEREAS, pursuant to the Second Amended and Restated Intellectual Property Security Agreement dated July 30, 2014, (as amended, supplemented or otherwise modified from time to time, the "Security Agreement"), by and between the Grantors and Lender, the Grantors pledged and granted to the Lender for Grantors benefit a security interest in and to all of the right, title and interest of such Grantors in and to the Intellectual Property Collateral (as defined in the Security Agreement);

WHEREAS, the Security Agreement was recorded with the U.S. Patent and Trademark Office at Reel: 5337, Frame: 0529 on August 5, 2014; and

WHEREAS, the Lender desires to release its security interest in and to the Grantors' right, title and interest in and to the Intellectual Property Collateral and provide a document evidencing the release, relinquishment and discharge of its security interest in the Intellectual Property Collateral.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Lender hereby states as follows:

1. Release of Security Interest. The Lender, on behalf of itself and its successors, legal representatives and assigns, hereby terminates the Security Agreement and terminates, releases and discharges any and all security interests that it has pursuant to the Security Agreement in any and all right, title and interest of the Grantors, and reassigns to the Grantors any and all right, title and interest that it may have in, to and under the Intellectual Property Collateral and all goodwill connected with the use of such Intellectual Property Collateral, including the trademarks listed on Exhibit A and patents listed on Exhibit B.
2. Recordation. The Lender authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this Intellectual Property Security Interest Release Agreement.
3. Further Assurances. The Lender agrees to take all further actions, and provide to the Grantors and the Grantors' successors, assigns and legal representatives all such cooperation and assistance, including, without limitation, the execution and delivery of any and all further documents or other instruments, as the Grantors and the Grantors' successors, assigns and legal representatives may reasonably request in order to confirm, effectuate or record this Intellectual Property Security Interest Release Agreement.
4. Governing Law. This Intellectual Property Security Interest Release Agreement shall be governed by, and construed in accordance with the laws of the State of Colorado.

IN WITNESS WHEREOF, the Lender has caused this Intellectual Property Security Interest Release Agreement to be duly executed and delivered by a duly authorized officer as of the date first above written.

SILICON VALLEY BANK  
as the Lender

By: Daniel Harrison

Name: Daniel Harrison

Title: VP

# EXHIBIT A

**Trademark Report By Mark Family  
Search Criteria**

Client 5866  
Status ACTIVE

**Display Options**

Goods All  
Images All  
Owner All

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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**HAWQ**

UNITED STATES 5866-38 2/14/2014 86/194,378 PENDING 009  
OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Portable testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; portable testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; portable Highly Accelerated Life testing (HALT) equipment, namely stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

**INFERNO**

UNITED STATES 5866-31 8/13/2012 85/701,871 4/2/2013 4,313,019 REGISTERED 009  
OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

**OVS**

JAPAN 5866-8-JP 11/4/1998 H10-094628 10/20/2000 4425468 REGISTERED 09  
OWNER: QualMark Corporation

CLASS	DESCRIPTION
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09 Measuring or testing machines and instruments for signifying electric stimulus against the products or apparatus within a pressure filtering chamber and table for use with the aforementioned machines;

**Q QUALMARK AUTHORIZED ACCELERATED RELIABILITY TEST  
CENTER & Design**



CHINA 5866-23-CN 11/17/2011 10198202 5/7/2013 10198202 REGISTERED 042

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
042	material testing

## QFUSION

BRAZIL 5866-21-BR 5/16/2012 840127413 PENDING 009

OWNER: *QualMark Corporation*

CLASS	DESCRIPTION
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009 Testing equipment; accelerated stress testing equipment for manufacturing defects and design flaws in electronics and electro-mechanical devices; manufacturing production test system for Burn-in testing, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing

CHINA 5866-21-WO-CN 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: *QualMark Corporation*

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

EUROPEAN UNION (C 5866-21-WO-CTM 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: *QualMark Corporation*

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

INDIA 5866-21-IN 3/11/2011 2113628 PENDING 09

OWNER: *QualMark Corporation*

CLASS	DESCRIPTION
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09 Testing equipment; Accelerated stress testing equipment for manufacturing defects and design flaws in electronics and electromechanical devices; manufacturing production test system for Burn-In testing, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing;

ISRAEL 5866-21-WO-IL 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: *QualMark Corporation*

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

JAPAN 5866-21-WO-JP 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: *QualMark Corporation*

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

RUSSIA 5866-21-WO-RU 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: *QualMark Corporation*

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

SINGAPORE 5866-21-WO-SG 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

SOUTH KOREA 5866-21-WO-KR 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

TAIWAN 5866-21-TW 2/18/2011 100007881 1/16/2012 01498971 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; accelerated stress testing equipment for manufacturing defects and design flaws in electronics and electro-mechanical devices; manufacturing production test apparatus for Burn-In testing, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing

TURKEY 5866-21-WO-TR 2/11/2011 1072455 2/11/2011 1072455 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

UNITED STATES 5866-21 1/18/2011 85/219,543 6/26/2012 4,165,404 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

VIETNAM 5866-21-WO-VN 2/11/2011 1072455 PENDING 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

WIPO 5866-21-WO 2/11/2011 1072455 REGISTERED 009

OWNER: QualMark Corporation



COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and HigWy Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies

## QUALMARK

AUSTRALIA 5866-4-WO-AU 2/22/2013 1155418 2/22/2013 1155418 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

BRAZIL 5866-4-BR 9/29/2009 830.410.562 8/7/2012 830410562 REGISTERED 09  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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09 Electrical and scientific apparatus, namely stress screening chamber and control apparatus to impart thermal, vibrational, and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the chamber to impart vibrational and electrical stimuli to a device or product; Electrical and scientific apparatus in the field of accelerated product testing, namely, HALT (highly accelerated life testing) and HASS (highly accelerated stress screening) electrodynamic vibration, shock, thermal, and acoustic product-testing systems; A full line of electrodynamic accelerated product-testing system upgrades, namely, amplifiers, cooling units, controllers, power field units, armature coils, linear bearings, isolation systems, field coils, and shakers; A full line of accessories of electrodynamic accelerated product-testing systems, namely fixture kits, oxygen sensors, fixture clamps, vacuum jacketed manifolds, window kits, calibration kits, spectrum analyzers, product mount accelerometer kits, armatures, head expanders, oils slip tables, drive bars, bearing slip tables, and load-bearing platforms; Replacement parts for electrodynamic accelerated product-testing systems; Electrodynamic accelerated product-testing systems;

CHINA 5866-4-CN 4/30/2008 6693596 6/7/2010 6693596 REGISTERED 09  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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09 Stress screening chamber and control apparatus to impart thermal, vibrational, and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the chamber to impart vibrational and electrical stimuli to a device or product, electrical apparatus in the field of accelerated product testing, namely, HALT (highly accelerated life testing), HASS (highly accelerated stress screening) and HASA (highly accelerated stress screening) electrodynamic vibration, shock, thermal, and acoustic product-testing systems, material testing instruments and machines, accelerated product testing systems, a full line of electrodynamic accelerated product-testing system upgrades, namely, amplifiers, controllers, armature coils, field coils, electrodynamic accelerated product-testing systems, oxygen sensors, calibration kits, spectrum analyzers, product mount accelerometer kits, armatures, electrodynamic accelerated product-testing system.

CHINA 5866-4-CN-1 3/21/2013 12300177 PENDING 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Computers, laptops, keyboards, word processors, software, programs, hardware, monitors, electric cables, wires, insulated copper wire, coils; electrodynamic accelerated product-testing systems; testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; scientific apparatus; a full line of electrodynamic accelerated product-testing system upgrades, namely, amplifiers, controllers, armature coils, field coils, oxygen sensors, calibration kits, armatures; material testing instruments and machines; testing apparatus other than for medical purposes; diagnostic apparatus other than for medical purposes; apparatus and instruments for physics; chromatography apparatus for laboratory use; centrifuge for laboratory use; a set of electric checking and testing apparatus; speed indicators; high-frequency apparatus; betatrons; power supply materials (electric wires and cables); electric regulating apparatus; remote control devices; electrical apparatus for remote control of industrial operations; ionisation apparatus, other than for treatment of air and water; battery boxes

EUROPEAN UNION (C 5866-4-CTM 11/20/1997 681148 5/17/1999 681148 REGISTERED 09, 41, 42

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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OWNER: QualMark Corporation

CLASS	DESCRIPTION
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- 09 Scientific, measuring, electric and electronic apparatus and instruments; stress screening chambers; control apparatus stress screening chambers and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product; their parts and fittings comprised in this class
- 41 Education; providing of training; conducting classes, seminars, conferences and work shops in the field of product design, environmental testing, stress screening and reliability testing
- 42 Engineering; testing and screening of materials, apparatus and instruments; testing and screening design prototypes, component devices, subassemblies or finish products especially those for measuring and detecting mechanical, electrical and design defects, malfunctions and operational characteristics.

HONG KONG 5866-4-HK 2/25/2013 302530151 2/25/2013 302530151 REGISTERED 09

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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- 09 Electrodynamic accelerated product-testing systems; testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; electrical and scientific apparatus, namely stress screening chamber and control apparatus to impart thermal, vibration, shock and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the chamber to impart vibration and electrical stimuli to a device or product; electrical and scientific apparatus in the field of accelerated product testing, namely, HALT (highly accelerated life testing) and HASS (highly accelerated stress screening) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; a full line of electrodynamic accelerated product-testing system upgrades, namely, amplifiers, cooling units, controllers, power field units, armature coils, linear bearings, isolation systems, field coils, and shakers; a full line of accessories of electrodynamic accelerated product-testing systems, namely fixture kits, oxygen sensors, fixture clamps, vacuum jacketed manifolds, window kits, calibration kits, spectrum analyzers, product mount accelerometer kits, armatures, head expanders, oils slip tables, drive bars, bearing slip stables, and load-bearing platforms; replacement parts for electrodynamic accelerated product-testing systems

INDIA 5866-4-IN 2/2/2009 1780152 2/2/2009 1037205 REGISTERED 09, 041, 042

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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- 09 Electrical and scientific apparatus, namely stress screening chamber and control apparatus to impart thermal, vibrational, and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the chamber to impart vibrational and electrical stimuli to a device or product; Electrical and scientific apparatus in the field of accelerated product testing, namely, HALT (highly accelerated life testing) and HASS (highly accelerated stress screening) electrodynamic vibration, shock, thermal, and acoustic product-testing systems; A full line of electrodynamic accelerated product-testing system upgrades, namely, amplifiers, cooling units, controllers, power field units, armature coils, linear bearings, isolation systems, field coils, and shakers; A full line of accessories of electrodynamic accelerated product-testing systems, namely fixture kits, oxygen sensors, fixture clamps, vacuum jacketed manifolds, window kits, calibration kits, spectrum analyzers, product mount accelerometer kits, armatures, head expanders, oils slip tables, drive bars, bearing slip stables, and load-bearing platforms; Replacement parts for electrodynamic accelerated product-testing systems; Electrodynamic accelerated product-testing systems; Mechanical assemblies used to affix, retain and/or hold the product to the above identified goods; Liquid Nitrogen and similar coolant tanks, piping, valving, and control systems used to store and deliver coolant to the electrical and scientific apparatus in international class 09;
- 041 Services education; providing of training; conducting classes, seminars, conferences and workshop in the field of product design, environmental testing, stress screening and reliability testing;
- 042 Services engineering; testing and screening of materials, apparatus and instruments; testing and screening of prototypes ,components, devices, subassemblies; and finished product development consultation; and prototype, component, device, subassembly, and finished product testing consultation; mechanical design services;

ISRAEL 5866-4-WO-IL 2/22/2013 1155418 PENDING 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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- 009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

JAPAN 5866-4-JP 4/20/2001 4469441 REGISTERED 09

OWNER: QualMark Corporation

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
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09 Measuring or testing machines and instruments for signifying electric stimulus against the products or apparatus within a pressure filtering chamber and tables or use with the aforementioned measuring or testing machines

MEXICO 5866-4-WO-MX 2/22/2013 1155418 2/22/2013 1155418 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

NEW ZEALAND 5866-4-WO-NZ 2/22/2013 1155418 2/22/2013 1155418 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

SINGAPORE 5866-4-WO-SG 2/22/2013 1155418 2/22/2013 1155418 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

SOUTH KOREA 5866-4-WO-KR 2/22/2013 1155418 2/22/2013 1155418 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

TAIWAN 5866-4-TW 10/26/1998 87051932 4/15/2001 938763 REGISTERED 09  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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09 Stress screening room and control device for use in laboratory; testing station, and related computer software

UNITED STATES 5866-4 3/14/1996 75/072,947 2/25/1997 2,040,369 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

UNITED STATES 5866-4-1 4/4/1996 75/083,850 2/11/1997 2,037,258 REGISTERED 041, 042  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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041 educational services, namely, conducting classes, seminars, conferences, and workshops in the field of product design, environmental testing, stress screening, and reliability testing  
 042 testing and screening prototypes, components, devices, subassemblies, and finished products for others; prototype, component, device, subassembly, and finished product development consultation; and prototype, component, device, subassembly, and finished product testing consultation

UNITED STATES 5866-4-2 3/14/2013 85/875,977 6/24/2014 4,554,324 REGISTERED 009  
 OWNER: QualMark Corporation

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
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009 Electrodynamic accelerated product-testing systems comprised primarily of electric actuators, amplifiers, armatures, controllers, cylinders, pneumatic actuators, pistons, shakers, tables or vibration surfaces, with or without a surrounding environmental chamber to enclose the table or vibration surfaces for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; Electrical and scientific apparatus, namely stress screening chamber and control apparatus to impart thermal, vibration, shock and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the chamber to impart vibration and electrical stimuli to a device or product for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; Electrical and scientific apparatus in the field of accelerated product testing, namely, HALT (highly accelerated life testing) and HASS (highly accelerated stress screening) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; A full line of electrodynamic accelerated product-testing system upgrades, namely, amplifiers, internal cooling fans for product reliability testing equipment; electronic controllers used to control vibration power level and thermal conditions, power field units in the nature of power supplies, electric armature coils, isolation systems comprised primarily of vibration dampeners made of specialty elastomeric and synthetic materials for product reliability testing equipment to absorb vibration energy and reduce its transmission, electric field coils, and vibration test chamber comprising of electrodynamic shakers for use in product reliability testing equipment in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; A full line of accessories of electrodynamic accelerated product-testing systems, namely, accelerometers for sensing vibration frequency and acceleration strength, electronic boards for processing signals from accelerometers, and oxygen sensors; calibration kits comprised of calibration sensors for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; vibration spectrum analyzers for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; armatures for use in electrodynamic accelerated product-testing equipment; electrodynamic accelerated product-testing equipment, namely, head expanders, oils and bearing slip tables, all for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; Replacement parts for electrodynamic accelerated product-testing systems for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries, namely, accelerometers, internal cooling fans, switches, electric transformers, electric actuators, amplifiers, armatures, controllers, and electrodynamic shakers

UNITED STATES 5866-4-3 11/7/2013 86/112,725 6/17/2014 4,551,688 REGISTERED 021, 025  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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025 Polo shirts; Shirts; T-shirts; Tops  
 021 Coasters, not of paper and other than table linen; Mugs

UNITED STATES 5866-4-4 11/7/2013 86/112,729 PENDING 035  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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035 Retail store services and online retail store services featuring clothing, mugs, drinkware, coasters, houseware, golf balls, golf tees, golf accessories, sporting goods, tools, hand tools, bags, luggage, umbrellas, flash drives, stationary, writing accessories and pens; golf balls; golf tees; golf accessories; sporting goods; tools; hand tools; bags; luggage; umbrellas; flash drives; stationary; writing accessories; pens

WIPO 5866-4-WO 2/22/2013 1155418 2/22/2013 1155418 REGISTERED 009  
 OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 electrical and scientific apparatus, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

## QUALMARK

UNITED STATES 5866-4-5 12/5/2013 86/135,923 PENDING 009  
 OWNER: QualMark Corporation

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
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009 Pneumatically powered accelerated product reliability testing equipment; Pneumatically powered product-testing systems comprised primarily of actuators, amplifiers, armatures, controllers, cylinders, pistons, shakers, tables or vibration surfaces, with or without a surrounding environmental chamber to enclose the table or vibration surfaces for use in the oil and gas, automotive, avionics, aeronautics, electronics, defense, medical, renewable energy and telecommunications industries; replacement parts for pneumatically powered accelerated product reliability testing equipment

## REAL HALT/HASS CHAMBERS Logo



CHINA 5866RCC-1-CN 2/28/2014 14090075 PENDING 009  
 OWNER: REAL Chambers Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

EUROPEAN UNION (C) 5866RCC-1-CTM 2/27/2014 12646683 PENDING 009  
 OWNER: REAL Chambers Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

UNITED STATES 5866RCC-1 2/10/2014 86/189,003 PENDING 009  
 OWNER: REAL Chambers Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

## TYPHOON

BRAZIL 5866-30-BR 2/8/2013 840416610 PENDING 30  
 OWNER: QualMark Corporation

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
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CLASS	DESCRIPTION
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30 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

CHINA 5866-30-WO-CN 2/8/2013 1157274 2/8/2013 1157274 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

EUROPEAN UNION (C 5866-30-WO-CTM 2/8/2013 1157274 PENDING 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

UNITED STATES 5866-30 8/9/2012 85/699,850 4/2/2013 4,312,912 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

WIPO 5866-30-WO 2/8/2013 1157274 2/8/2013 1157274 REGISTERED 009

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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009 Testing apparatus, namely, testing equipment for detecting manufacturing defects and design flaws in electronics and electromechanical devices; testing apparatus, namely, Highly Accelerated Stress Screen (HASS) and Highly Accelerated Stress Audit (HASA) testing equipment which subjects a product to a series of overstresses for detecting manufacturing defects and design flaws in electronic and electromechanical assemblies; Highly Accelerated Life Testing (HALT) equipment, namely, stress screening chamber and control apparatus to impart thermal and electrical stimuli to a product or device located in the stress screening chamber, and to a table that can be used independently or in conjunction with the stress screening chamber to impart vibrational and electrical stimuli to a device or product

END OF REPORT

TOTAL ITEMS SELECTED =

47

# **EXHIBIT B**

# QUALMARK -19 FAMILY

Our File No.	Country	Application Serial No.	Filing Date	Title	Status
5866-13	United States	09/185,327	November 3, 1998	Interposer Device for Adjusting and Controlling the Shock Response of a Shaker Table Assembly	Issued as U.S. Patent No. 6,062,066 on May 16, 2000.
5866-14	United States	03/251,030	March 2, 1999	Shaker Table Assembly for a Test Chamber	Issued as U.S. Patent No. 6,112,596 on September 5, 2000.
5866-14-CIP	United States	09/310,443	May 12, 1999	Shaker Table Assembly for a Test Chamber	Issued as U.S. Patent No. 6,105,433 on August 22, 2000.
5866-19-1	United States	12/896,254	October 1, 2010	METHOD AND APPARATUS FOR THERMAL CONTROL OF A MULTIPLE CHAMBER TEST SYSTEM - "QFusion"	Issued as U.S. Patent No. 8,485,039 on July 16, 2013.
5866-19-1-CIP	United States	13/209,136	August 12, 2011	"QFusion"	Issued as U.S. Patent No. 8,616,063 on December 31, 2013. IPRP mailed April 4, 2013.
5866-19-PCT	PCT	PCT/US11/54415	September 30, 2011	"QFusion"	
5866-19-PBR	Brazil	BR112013007863-4	September 30, 2011	"QFusion"	Foreign associate has been instructed to request examination.
5866-19-PCN	China	201180057611.4	September 30, 2011	"QFusion"	Examination Requested
5866-19-PEP	Europe	11630033.4	September 30, 2011	"QFusion"	Pending
5866-19-PCN-UM-1	China	ZL201120385299.9	September 30, 2011	"QFusion"	Issued on June 6, 2012.
5866-19-PCN-UM-2	China	ZL201120385347.4	September 30, 2011	"QFusion"	Issued on August 29, 2012.
5866-36-PROV	United States	61/931,477	January 24, 2014	HALT System (HawQ)	Pending Expires January 24, 2015.

**TRADEMARK**