

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM313032

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Second Amended and Restated IPSA		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
QUALMARK CORPORATION		07/30/2014	CORPORATION: COLORADO
REAL CHAMBERS CORPORATION		07/30/2014	CORPORATION: COLORADO
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SILICON VALLEY BANK		
<b>Street Address:</b>	380 Interlocken Crescent		
<b>Internal Address:</b>	Suite 600		
<b>City:</b>	Broomfield		
<b>State/Country:</b>	COLORADO		
<b>Postal Code:</b>	80021		
<b>Entity Type:</b>	CORPORATION: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 11</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	86194378	HAWQ	
<b>Registration Number:</b>	4313019	INFERNO	
<b>Registration Number:</b>	4165404	QFUSION	
<b>Registration Number:</b>	2040369	QUALMARK	
<b>Registration Number:</b>	2037258	QUALMARK	
<b>Registration Number:</b>	4554324	QUALMARK	
<b>Registration Number:</b>	4551688	QUALMARK	
<b>Serial Number:</b>	86112729	QUALMARK	
<b>Serial Number:</b>	86135923	QUALMARK	
<b>Serial Number:</b>	86189003	RHH REAL HALT/HASS CHAMBERS	
<b>Registration Number:</b>	4312912	TYPHOON	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8004947512		
<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>	202-370-4750		
<b>Email:</b>	ipteam@nationalcorp.com		
<b>TRADEMARK</b>			

OP \$290.00 86194378

**Correspondent Name:** Joanna McCall  
**Address Line 1:** 1025 Vermont Ave NW, Suite 1130  
**Address Line 2:** National Corporate Research, Ltd.  
**Address Line 4:** Washington, D.C. 20005

**ATTORNEY DOCKET NUMBER:** F151106

**NAME OF SUBMITTER:** ANDREW NASH

**SIGNATURE:** /ANDREW NASH/

**DATE SIGNED:** 08/05/2014

**Total Attachments: 17**

source=Trademark IPSA - Qualmark Corporation#page2.tif  
source=Trademark IPSA - Qualmark Corporation#page3.tif  
source=Trademark IPSA - Qualmark Corporation#page4.tif  
source=Trademark IPSA - Qualmark Corporation#page5.tif  
source=Trademark IPSA - Qualmark Corporation#page6.tif  
source=Trademark IPSA - Qualmark Corporation#page7.tif  
source=Trademark IPSA - Qualmark Corporation#page8.tif  
source=Trademark IPSA - Qualmark Corporation#page9.tif  
source=Trademark IPSA - Qualmark Corporation#page10.tif  
source=Trademark IPSA - Qualmark Corporation#page11.tif  
source=Trademark IPSA - Qualmark Corporation#page12.tif  
source=Trademark IPSA - Qualmark Corporation#page13.tif  
source=Trademark IPSA - Qualmark Corporation#page14.tif  
source=Trademark IPSA - Qualmark Corporation#page15.tif  
source=Trademark IPSA - Qualmark Corporation#page16.tif  
source=Trademark IPSA - Qualmark Corporation#page17.tif  
source=Trademark IPSA - Qualmark Corporation#page18.tif

**SECOND AMENDED AND RESTATED  
INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This Second Amended and Restated Intellectual Property Security Agreement (this "Agreement") is entered into as of July ~~20~~ 2014 by and among (i) **SILICON VALLEY BANK** ("Bank"), (ii) **QUALMARK CORPORATION**, a Colorado corporation ("Qualmark") and (iii) **REAL CHAMBERS CORPORATION**, a Colorado corporation ("REAL", and together with Qualmark, individually and collectively, jointly and severally, the "Grantor").

RECITALS

A. Bank has agreed to continue to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in, among other documents, that certain Second Amended and Restated Loan and Security Agreement by and between Bank and Grantor dated as of July 16, 2012, as amended by that certain First Loan Modification Agreement, dated as of June 26, 2014 and as further amended by that certain Joinder and Second Loan Modification Agreement, dated as of the date hereof (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement. This Agreement amends and restates in its entirety that certain Amended and Restated Intellectual Property Agreement, dated as of July 16, 2012, by and between Bank and Qualmark.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

1. Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

2. Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

3. Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

4. All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "**Patents**");

5. Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "**Trademarks**");

6. All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "**Mask Works**");

7. Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

8. All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

9. All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

10. All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

[Signature page follows.]


IN WITNESS WHEREOF, the parties have caused this Amended and Restated Intellectual Property Security Agreement to be duly executed as of the first date written above.

GRANTOR:


Address of Grantor:

QUALMARK CORPORATION

10390 East 48<sup>th</sup> Avenue  
Denver, Colorado 80238  
Attn: Anthony Garcia  
Fax: (303) 254-8343  
Email: agarcia@qualmark.com

By:   
Name: Anthony Garcia  
Title: VP of Finance

REAL CHAMBERS CORPORATION

By:   
Name: Anthony Garcia  
Title: VP of Finance

BANK:

Address of Bank:

SILICON VALLEY BANK

380 Interlocken Crescent  
Suite 600  
Broomfield, Colorado 80021  
Attn: Chris Ennis  
Fax: (303) 469-1077  
Email: sennis@svb.com

By:   
Name: Chris Ennis  
Title: Relationship Manager

EXHIBIT A

Copyrights

<u>Description</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>	<u>Registrant</u>
--------------------	---	---	-------------------

EXHIBIT B

Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Registrant</u>
--------------------	---	---	-------------------

*See attachment*

# 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. 6,062,086 on May 16, 2000.
5866-14	United States	09/261,090	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.
5866-19-PCT	PCT	PCT/US11/54416	September 30, 2011	"QFusion"	IPRP mailed April 4, 2013.
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	11830033.4	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

REEL: 005337 FRAME: 0536



EXHIBIT C

Trademarks

<u>Description</u>	Registration/ Application Number	Registration/ Application Date	Registrant
--------------------	--	--------------------------------------	------------

*See attachment*

QualMark Corporation

Trademark Report By Mark Family  
Search Criteria

Printed: 7/21/2014

Client 5866  
Status ACTIVE

Display Options

Goods All  
Images All  
Owner All

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
---------	-------------	-------	-------	--------	-------	--------	---------

**HAWQ**

UNITED STATES	5866-38	2/14/2014	86/194,378			PENDING	009
---------------	---------	-----------	------------	--	--	---------	-----

OWNER: QualMark Corporation

CLASS	DESCRIPTION
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
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
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
---------	-------------	-------	-------	--------	-------	--------	---------

CLASS DESCRIPTION  
042 material testing

## QFUSION

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

OWNER: *QualMark Corporation*

CLASS DESCRIPTION  
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  
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  
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  
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  
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  
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
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
	CLASS	DESCRIPTION					
	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 HigVvy 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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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
<i>OWNER: QualMark Corporation</i>							
	CLASS	DESCRIPTION					
	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
<i>OWNER: QualMark Corporation</i>							
	CLASS	DESCRIPTION					
	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 tables, 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
<i>OWNER: QualMark Corporation</i>							
	CLASS	DESCRIPTION					
	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, 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
<i>OWNER: QualMark Corporation</i>							
	CLASS	DESCRIPTION					
	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
<i>OWNER: QualMark Corporation</i>							

COUNTRY	REFERENCE #	FILED	APP #	REG DT	REG #	STATUS	CLASSES
	CLASS DESCRIPTION						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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
---------	-------------	-------	-------	--------	-------	--------	---------

CLASS	DESCRIPTION
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, ois 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
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
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
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
---------	-------------	-------	-------	--------	-------	--------	---------

CLASS DESCRIPTION  
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  
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  
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  
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
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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: <i>QualMark Corporation</i>						
	CLASS	DESCRIPTION					
	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 D

Mask Works

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Registrant</u>
--------------------	---	---	-------------------