

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM750868

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Barclays Bank PLC		08/17/2022	Public Limited Company: UNITED KINGDOM
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	MKS Instruments, Inc.		
<b>Street Address:</b>	2 Tech Drive		
<b>Internal Address:</b>	Suite 201		
<b>City:</b>	Andover		
<b>State/Country:</b>	MASSACHUSETTS		
<b>Postal Code:</b>	01810		
<b>Entity Type:</b>	Corporation: MASSACHUSETTS		
<b>Name:</b>	Newport Corporation		
<b>Street Address:</b>	2 Tech Drive		
<b>Internal Address:</b>	Suite 201		
<b>City:</b>	Andover		
<b>State/Country:</b>	MASSACHUSETTS		
<b>Postal Code:</b>	01810		
<b>Entity Type:</b>	Corporation: NEVADA		
<b>Name:</b>	Electro Scientific Industries, Inc.		
<b>Street Address:</b>	14523 SW Millikan Way		
<b>City:</b>	Beaverton		
<b>State/Country:</b>	OREGON		
<b>Postal Code:</b>	97005		
<b>Entity Type:</b>	Corporation: OREGON		
<b>PROPERTY NUMBERS Total: 127</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3341575	AIRGARD	
<b>Registration Number:</b>	1524257	ASTEX	
<b>Registration Number:</b>	2237573	ASTRON	
<b>Registration Number:</b>	1426342	AUTO-SOFT	
<b>Registration Number:</b>	1197782	BARATRON	

OP \$3190.00 3341575

Property Type	Number	Word Mark
Registration Number:	1686134	ENI
Registration Number:	1686133	ENI
Registration Number:	2378581	HPS
Registration Number:	2759890	I-BARATRON
Registration Number:	1992094	I-MAG
Registration Number:	2403559	LIQUOZON
Registration Number:	1646730	MASS-FLO
Registration Number:	3336530	MKS
Registration Number:	3229845	MKS
Registration Number:	1317863	MKS
Registration Number:	2697197	MKS
Registration Number:	1309825	M K S
Registration Number:	2697220	MKS TECHNOLOGY FOR PRODUCTIVITY
Registration Number:	0876976	MKS BARATRON
Registration Number:	2357312	MKS INSTRUMENTS
Registration Number:	2082429	MKS INSTRUMENTS
Registration Number:	1372214	MKS INSTRUMENTS, INC.
Serial Number:	85684812	MKSINST
Serial Number:	86614980	MULTIGAS
Registration Number:	2477990	NOVA
Registration Number:	3283554	O3MEGA
Registration Number:	2562383	OPTIMA
Registration Number:	4734534	PARAGON
Registration Number:	2641184	PR INDEX
Registration Number:	3134363	R*EVOLUTION
Registration Number:	2309951	RESIST-TORR
Registration Number:	2758997	SEMOZON
Registration Number:	2399419	SMARTMATCH
Registration Number:	2726193	SMARTPOWER
Registration Number:	2610410	SPECTRUM
Registration Number:	3172300	SUREPOWER
Registration Number:	2902263	TOOLWEB
Registration Number:	2759679	TRU-FLO
Registration Number:	1661469	VACUUM SENTRY
Registration Number:	2472686	VI PROBE
Registration Number:	2534391	CONDUCTRON
Registration Number:	1954345	CONVECTRON
Registration Number:	2542586	GRANVILLE-PHILLIPS

<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>
<b>Registration Number:</b>	2293275	MICRO-ION
<b>Registration Number:</b>	2709156	MINI-CONVECTRON
<b>Registration Number:</b>	4077599	SIMPLICITY SOLUTIONS
<b>Registration Number:</b>	4074673	SIMPLICITY SOLUTIONS
<b>Registration Number:</b>	1838365	STABIL-ION
<b>Registration Number:</b>	4429764	VQI
<b>Registration Number:</b>	4302521	VQM
<b>Registration Number:</b>	4405626	PRECISIVE
<b>Registration Number:</b>	4756926	SPIRIT-NOPA
<b>Registration Number:</b>	4625704	VANTAGE
<b>Registration Number:</b>	4581802	TALON
<b>Registration Number:</b>	4469370	SPIRIT
<b>Registration Number:</b>	4330521	EXCELSIOR
<b>Registration Number:</b>	4330520	S SPECTRA-PHYSICS
<b>Registration Number:</b>	2130320	VELOCITY
<b>Registration Number:</b>	1685763	V
<b>Registration Number:</b>	1687057	NEW FOCUS
<b>Registration Number:</b>	4263476	DATUM
<b>Registration Number:</b>	4309491	QUASAR
<b>Registration Number:</b>	4129651	INSIGHT
<b>Registration Number:</b>	4073450	CORION
<b>Registration Number:</b>	4032802	NSTRUCT
<b>Registration Number:</b>	3370293	EXCELSIOR
<b>Registration Number:</b>	3345264	EXPLORER
<b>Registration Number:</b>	3541802	IQ DAMPER
<b>Registration Number:</b>	3294809	IQ DAMPING TECHNOLOGY
<b>Registration Number:</b>	3190279	SMARTTABLE
<b>Registration Number:</b>	2078888	ILX LIGHTWAVE
<b>Registration Number:</b>	3330829	MATISSE
<b>Registration Number:</b>	3340848	PULSESCOUT
<b>Registration Number:</b>	3058186	EMPOWER
<b>Registration Number:</b>	3712940	SOLARYX
<b>Registration Number:</b>	3926012	HYBRYX
<b>Registration Number:</b>	3481639	SOLSTICE
<b>Registration Number:</b>	3468777	PULSEO
<b>Registration Number:</b>	2904099	NEWPORT RESOURCE
<b>Registration Number:</b>	2780305	SPITFIRE
<b>Registration Number:</b>	2581563	MAI TAI

Property Type	Number	Word Mark
Registration Number:	2622866	ORIEL
Registration Number:	2733651	
Registration Number:	2321689	DYNAMYX
Registration Number:	2444644	D-LOK
Registration Number:	2236152	VALUMAX
Registration Number:	2191793	MILLENNIA
Registration Number:	2103240	ORION
Registration Number:	2099353	ULTIMA
Registration Number:	1852963	LOK-TO-CLOCK
Registration Number:	1759090	TSUNAMI
Registration Number:	1640907	BEAMLOK
Registration Number:	1661478	SPECTRA-PHYSICS
Registration Number:	1654202	S
Registration Number:	1558877	NEWPORT
Registration Number:	1490971	INSTASPEC
Registration Number:	1352510	QUANTA-RAY
Registration Number:	0772271	SPECTRA-PHYSICS
Registration Number:	0772270	
Serial Number:	86671327	PICOLIS
Serial Number:	86619809	GUARDIAN
Serial Number:	86461443	S
Serial Number:	86461515	SPECTRA-PHYSICS
Serial Number:	86173562	SPIRIT-OPA
Serial Number:	86072113	ASCEND
Registration Number:	5347387	ICEFYRE
Serial Number:	87183435	
Serial Number:	87960632	SURROUND THE WORKPIECE
Serial Number:	88014243	SPARCLEAN
Serial Number:	88014240	TRURAD
Serial Number:	87930910	SPECTRA-PHYSICS
Registration Number:	3187870	VERSITRIM
Registration Number:	3007832	CHIPTRIM
Registration Number:	2405272	ESI
Registration Number:	1431737	ESI
Registration Number:	1117590	ESI
Registration Number:	0635175	ESI
Registration Number:	1200245	WAFERMARK
Registration Number:	1375595	SOFTMARK

Property Type	Number	Word Mark
Registration Number:	2259707	SIGMACLEAN
Serial Number:	88570120	OPTOFLASH
Serial Number:	88533577	NEWPORT
Serial Number:	88536844	MKS NEWPORT
Serial Number:	88569347	SURROUND THE CHAMBER
Serial Number:	90026379	CLEANLINE
Serial Number:	90479968	EDGE
Serial Number:	90479959	ETRAC

**CORRESPONDENCE DATA**

**Fax Number:**

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

**Phone:** 212.318.6000  
**Email:** JeffreyNegron@PaulHastings.com  
**Correspondent Name:** Jeffrey Negron  
**Address Line 1:** Paul Hastings LLP  
**Address Line 2:** 200 Park Avenue  
**Address Line 4:** New York, NEW YORK 10166

<b>NAME OF SUBMITTER:</b>	Jeffrey M. Negron
<b>SIGNATURE:</b>	/s/ Jeffrey M. Negron
<b>DATE SIGNED:</b>	08/24/2022

**Total Attachments: 6**  
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**RELEASE OF SECURITY INTEREST IN TRADEMARKS**

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY** (this “Release”) is dated as of August 17, 2022 and delivered by Barclays Bank PLC, in its capacity as collateral agent pursuant to the Credit Agreement (in such capacity, the “Agent”), in favor of MKS Instruments, Inc., Electro Scientific Industries, Inc. and Newport Corporation (the “Grantors” and each a “Grantor”). All capitalized terms used but not otherwise defined herein have the meanings given to them in the Trademark Security Agreements (as defined below) or the Security Agreement (as defined below), as applicable.

**WHEREAS**, pursuant to that certain Security Agreement, dated as of April 29, 2016 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”) among the Grantors, the Agent and certain other parties thereto, in order to secure payments of certain Secured Obligations (as defined in the Security Agreement), the Grantors assigned, pledged and granted to the Agent, for the ratable benefit of the Secured Parties, a continuing security interest in all of each Grantor’s right, title and interest in, to and under all of its Trademarks including, without limitation, the trademarks and trademark applications listed on Schedule I hereto, in each case to the extent the same constitute Collateral (as defined in the Security Agreement) (the “Intellectual Property”).

**WHEREAS**, the following Trademark Security Agreements evidencing the security interest granted by the Grantors in favor the Agent were recorded with the Trademark Division of the United States Patent and Trademark Office on May 03, 2016, at Reel/Frame 5784/0298, December 12, 2016, at Reel/Frame 5946/0319, July 27, 2018, at Reel/Frame 6393/0861, February 1, 2019, at Reel/Frame 6547/0884, October 30, 2019, at Reel/Frame 6782/0645, July 16, 2020, at Reel/Frame 7000/0507 and April 29, 2021, at Reel/Frame 7274/0945 (the “Trademark Security Agreements”).

**WHEREAS**, the Agent hereby acknowledges the full payment and performance of the Secured Obligations, and as a result desires to terminate and release its security interest in the Intellectual Property.

**NOW, THEREFORE**, for and in consideration of the foregoing, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent, on behalf of itself and the Secured Parties, hereby terminates, releases and forever discharges any and all security interests it has in the Intellectual Property and any other Trademarks (as defined in the Trademark Security Agreements), terminates the Trademark Security Agreements, and retransfers and reassigns to the Grantors without representation or warranty of any kind, express or implied, free and clear of any claims by the Agent, all right, title or interest of the Agent in, to or under the Intellectual Property and any other Trademarks of the Grantors.

This Release shall be governed by and construed in accordance with the laws of the State of New York.

IN WITNESS WHEREOF, the undersigned has executed this Termination and Release of Security Interest in Trademarks by its duly authorized officer as of the date first above written.

**BARCLAYS BANK PLC,**  
as Collateral Agent

DocuSigned by:  
*Koruthu Mathew*  
By: \_\_\_\_\_  
Name: Koruthu Mathew  
Title: VP

**SCHEDULE I**  
to  
**RELEASE OF SECURITY INTEREST IN TRADEMARKS**

<b>105 Trademarks as recorded on May 3, 2016 at Reel 5784 and Frame 0298</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
MKS Instruments, Inc.	78/793063	3341575	AIRGARD
MKS Instruments, Inc.	73/718856	1524257	ASTEX
MKS Instruments, Inc.	75/295047	2237573	ASTRON
MKS Instruments, Inc.	73/564789	1426342	AUTO-SOFT
MKS Instruments, Inc.	73/319899	1197782	BARATRON
MKS Instruments, Inc.	74/096557	1686134	ENI
MKS Instruments, Inc.	74/096491	1686133	ENI (Stylized)
MKS Instruments, Inc.	75/550234	2378581	HPS
MKS Instruments, Inc.	76/331799	2759890	i-BARATRON
MKS Instruments, Inc.	74/614232	1992094	I-MAG
MKS Instruments, Inc.	75/694345	2403559	LIQUOZON
MKS Instruments, Inc.	74/074899	1646730	MASS-FLO
MKS Instruments, Inc.	78/722681	3336530	MKS
MKS Instruments, Inc.	78/911394	3229845	MKS
MKS Instruments, Inc.	73/460587	1317863	MKS and design
MKS Instruments, Inc.	76/260293	2697197	MKS and design
MKS Instruments, Inc.	73/460592	1309825	MKS stylized
MKS Instruments, Inc.	76/271135	2697220	MKS and design + Tag Line
MKS Instruments, Inc.	72/248716	876976	MKS BARATRON
MKS Instruments, Inc.	75/706479	2357312	MKS INSTRUMENTS
MKS Instruments, Inc.	75/060380	2082429	MKS INSTRUMENTS and design
MKS Instruments, Inc.	73/460591	1372214	MKS INSTRUMENTS, INC.
MKS Instruments, Inc.	85/684812		MKSINST
MKS Instruments, Inc.	86/614980		MULTIGAS
MKS Instruments, Inc.	76/106380	2477990	NOVA
MKS Instruments, Inc.	78/562042	3283554	O3MEGA
MKS Instruments, Inc.	75/942803	2562383	OPTIMA
MKS Instruments, Inc.	86/368162	4734534	PARAGON
MKS Instruments, Inc.	75/830825	2641184	PR INDEX
MKS Instruments, Inc.	78/613986	3134363	R*EVOLUTION
MKS Instruments, Inc.	75/524214	2309951	RESIST-TORR
MKS Instruments, Inc.	78/173035	2758997	SEMOZON
MKS Instruments, Inc.	75/694344	2399419	SMARTMATCH
MKS Instruments, Inc.	75/694325	2726193	SMARTPOWER
MKS Instruments, Inc.	76/050428	2610410	SPECTRUM
MKS Instruments, Inc.	78/562083	3172300	SUREPOWER
MKS Instruments, Inc.	78/164487	2902263	TOOLWEB
MKS Instruments, Inc.	76/257907	2759679	TRU-FLO



105 Trademarks as recorded on May 3, 2016 at Reel 5784 and Frame 0298			
Owner	Serial No.	Reg. No.	Mark
MKS Instruments, Inc.	73/776533	1661469	VACUUM SENTRY
MKS Instruments, Inc.	75/565156	2472686	VI PROBE & DESIGN
MKS Instruments, Inc.	75/334856	2534391	CONDUCTRON
MKS Instruments, Inc.	74/558972	1954345	CONVECTRON
MKS Instruments, Inc.	76/121929	2542586	GRANVILLE-PHILLIPS
MKS Instruments, Inc.	75/334855	2293275	MICRO-ION
MKS Instruments, Inc.	76/420707	2709156	MINI-CONVECTRON
MKS Instruments, Inc.	77/966895	4077599	SIMPLICITY SOLUTIONS
MKS Instruments, Inc.	77/966899	4074673	SIMPLICITY SOLUTIONS and design
MKS Instruments, Inc.	74/250891	1838365	STABIL-ION
MKS Instruments, Inc.	85/700623	4429764	VQI
MKS Instruments, Inc.	85/508144	4302521	VQM
MKS Instruments, Inc.	85/676756	4405626	PRECISIVE
Newport Corporation		4756926	SPIRIT-NOPA
Newport Corporation		4625704	VANTAGE
Newport Corporation		4581802	TALON
Newport Corporation		4469370	SPIRIT
Newport Corporation		4330521	EXCELSIOR
Newport Corporation		4330520	SPECTRA-PHYSICS & S Design
Newport Corporation		2130320	VELOCITY
Newport Corporation		1685763	V (& DESIGN)
Newport Corporation		1687057	NEW FOCUS
Newport Corporation		4263476	DATUM
Newport Corporation		4309491	QUASAR
Newport Corporation		4129651	INSIGHT
Newport Corporation		4073450	CORION
Newport Corporation		4032802	NSTRUCT
Newport Corporation		3370293	EXCELSIOR
Newport Corporation		3345264	EXPLORER
Newport Corporation		3541802	IQ DAMPER
Newport Corporation		3294809	IQ DAMPING TECHNOLOGY
Newport Corporation		3190279	SMARTTABLE
Newport Corporation		2078888	ILX LIGHTWAVE
Newport Corporation		3330829	MATISSE
Newport Corporation		3340848	PULSESCOUT
Newport Corporation		3058186	EMPOWER
Newport Corporation		3712940	SOLARYX
Newport Corporation		3926012	HYBRYX
Newport Corporation		3481639	SOLSTICE
Newport Corporation		3468777	PULSEO
Newport Corporation		2904099	NEWPORT RESOURCE
Newport Corporation		2780305	SPITFIRE

<b>105 Trademarks as recorded on May 3, 2016 at Reel 5784 and Frame 0298</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
Newport Corporation		2581563	MAI TAI
Newport Corporation		2622866	ORIEL
Newport Corporation		2733651	Design Only
Newport Corporation		2321689	DYNAMYX
Newport Corporation		2444644	D-LOK
Newport Corporation		2236152	VALUMAX
Newport Corporation		2191793	MILLENNIA
Newport Corporation		2103240	ORION
Newport Corporation		2099353	ULTIMA
Newport Corporation		1852963	LOK-TO-CLOCK
Newport Corporation		1759090	TSUNAMI
Newport Corporation		1640907	BEAMLOK
Newport Corporation		1661478	SPECTRA-PHYSICS
Newport Corporation		1654202	S Design only
Newport Corporation		1558877	NEWPORT and design
Newport Corporation		1490971	INSTASPEC
Newport Corporation		1352510	QUANTA-RAY and design
Newport Corporation		772271	SPECTRA-PHYSICS
Newport Corporation		772270	S Design Only
Newport Corporation	86/671327		PICOLIS
Newport Corporation	86/619809		GUARDIAN
Newport Corporation	86/461443		S Design (Spectra-Physics "S" logo in the color blue)
Newport Corporation	86/461515		SPECTRA-PHYSICS & S design (in the color blue)
Newport Corporation	86/173562		SPIRIT-OPA
Newport Corporation	86/072113		ASCEND

<b>2 Trademarks as recorded on December 12, 2016 at Reel 5946 and Frame 0319</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
Newport Corporation	87/156527	5347387	ICEFYRE
Newport Corporation	87/183435		ILX "Eye" logo

<b>4 Trademarks as recorded on July 27, 2018 at Reel 6393 and Frame 0861</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
MKS Instruments, Inc.	87/960632		SURROUND THE WORKPIECE
MKS Instruments, Inc.	88/014243		SPARCLEAN
MKS Instruments, Inc.	88/014240		TRURAD
Newport Corporation	87/930910		SPECTRA-PHYSICS

<b>9 Trademarks as recorded on February 1, 2019 at Reel 6547 and Frame 0884</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
Electro Scientific Industries, Inc.		3187870	VERSITRIM
Electro Scientific Industries, Inc.		3007832	CHIPTRIM
Electro Scientific Industries, Inc.		2405272	ESI
Electro Scientific Industries, Inc.		1431737	ESI
Electro Scientific Industries, Inc.		1117590	ESI
Electro Scientific Industries, Inc.		0635175	ESI
Electro Scientific Industries, Inc.		1200245	WAFERMARK
Electro Scientific Industries, Inc.		1375595	SOFTMARK
Electro Scientific Industries, Inc.		2259707	SIGMACLEAN

<b>4 Trademarks as recorded on October 30, 2019 at Reel 6782 and Frame 0645</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
Newport Corporation	88/570120		OPTOFLASH
Newport Corporation	88/533577		NEWPORT (design & logo)
Newport Corporation	88/536844		MKS Newport logo
MKS Instruments, Inc.	88/569347		SURROUND THE CHAMBER

<b>1 Trademark as recorded on July 16, 2020 at Reel 7000 and Frame 0507</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
MKS Instruments, Inc.	90/026379		CLEANLINE

<b>2 Trademarks as recorded on April 29, 2021 at Reel 7274 and Frame 0945</b>			
<b>Owner</b>	<b>Serial No.</b>	<b>Reg. No.</b>	<b>Mark</b>
MKS Instruments, Inc.	90/479968		EDGE
MKS Instruments, Inc.	90/479959		ETRAC