

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5356621

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
Deutsche Bank AG New York Branch	02/01/2019
RECEIVING PARTY DATA	
Name:	NEWPORT CORPORATION
Street Address:	1791 DEERE AVENUE
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92606
Name:	MKS INSTRUMENTS, INC.
Street Address:	2 TECH DRIVE
Internal Address:	SUITE 201
City:	ANDOVER
State/Country:	MASSACHUSETTS
Postal Code:	01810
PROPERTY NUMBERS Total: 14	
Property Type	Number
Application Number:	62366594
Application Number:	15236661
Application Number:	15244264
Application Number:	15166777
Application Number:	15162960
Application Number:	62345180
Application Number:	62330308
Application Number:	15153915
Application Number:	62333989
Application Number:	15268583
Application Number:	15209639
Application Number:	62370204
Application Number:	62346430
Application Number:	15035463

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.

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ATTORNEY DOCKET NUMBER:	1042610 PAT I
NAME OF SUBMITTER:	ALANA GRAMER
SIGNATURE:	/Alana Gramer/
DATE SIGNED:	02/01/2019

Total Attachments: 5

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RELEASE OF SECURITY INTEREST IN PATENTS

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY** (this "Release") is dated as of February 1, 2019 and delivered by Deutsche Bank AG New York Branch, in its capacity as collateral agent for the Secured Parties under the Security Agreement referred to below (in such capacity, the "Agent"), in favor of MKS Instruments, 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 Patent Security Agreement (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 Creditors, a continuing security interest in all of each Grantor's right, title and interest in, to all of its Patents including, without limitation, the patents and patent 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 Patent Security Agreement, dated as of December 6, 2016, evidencing the security interest granted by the Grantors in favor of the Agent was recorded with the United States Patent and Trademark Office on January 17, 2017 at Reel/Frame 040992/0369 (the "Patent Security Agreement").

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 Creditors, hereby terminates, releases and forever discharges any and all security interests it has in the Intellectual Property and any other Patents (as defined in the Patent Security Agreement), terminates the Patent Security Agreement, 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 Patents 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 Agent has caused this Release to be executed by its duly authorized signatory effective as of the date first above written.

DEUTSCHE BANK AG NEW YORK BRANCH,
as Agent

By: 
Name: Marguerite Sutton
Title: Vice President

By: 
Name: Alicia Schug
Title: Vice President

SCHEDULE I

UNITED STATES PATENT REGISTRATIONS AND APPLICATIONS

[See Attached]

Patents:

OWNER	PATENT NUMBER	TITLE	ISSUE DATE

Patent Applications:

OWNER	APPLICATION NUMBER	TITLE	FILE DATE
MKS Instruments, Inc.	62/366,594	Gas Measurement System	7/25/16
MKS Instruments, Inc.	15/236,661	Plasma RF Bias Cancellation System	8/15/16
MKS Instruments, Inc.	15/244264	Method and Apparatus for Pressure-Based Flow Measurement in Non-Critical Flow Conditions	8/23/16
MKS Instruments, Inc.	15/166777	COMPACT MICROWAVE PLASMA APPLICATOR UTILIZING CONJOINING ELECTRIC FIELDS	5/27/16
MKS Instruments, Inc.	15/162960	SOLID STATE IMPEDANCE MATCHING SYSTEM WITH A HYBRID COMBINATION OF A STAND ALONE VARACTOR WITH FET DEVICE SWITCHING	5/24/16
MKS Instruments, Inc.	62/345180	MICROMACHINED BULK ACOUSTIC WAVE RESONATOR PRESSURE SENSOR	6/03/16
MKS Instruments, Inc.	62/330308	COLD CATHODE IONIZATION VACUUM GAUGE WITH MULTIPLE CATHODES	5/02/16
MKS Instruments, Inc.	15/153915	TRANS-IMPEDANCE AMPLIFIER WITH INCREASED DYNAMIC RANGE	5/13/16

MKS Instruments, Inc.	62/333989	VALVE CONDUCTANCE CONTROL SYSTEM	5/10/16
Newport Corporation	15/268,583	Optical Component Mount System for Use with and Optical System	9/17/16
Newport Corporation	15/209,639	Integral Preload Mechanism for Piezoelectric Actuator	7/13/16
Newport Corporation	62/370,204	Multi-Junction Detector Device and Method of Use	8/2/16
Newport Corporation	62/346,430	THERMAL COMPENSATING OPTICAL MOUNT AND RELATED DEVICES	6/6/16
Newport Corporation	15/035,463	FLEXURE-TYPE STRAIN RELIEF DEVICE	5/9/16