505020016 07/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5066764

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEITH T. CARRON	07/23/2018
SHANE A. BULLER	07/23/2018
MARK A. WATSON	07/23/2018
SEAN PATRICK WOODWARD	07/25/2018

RECEIVING PARTY DATA

Name:	MKS TECHNOLOGY, INC. (D/B/A SNOWY RANGE INSTRUMENTS)
Street Address:	P.O. BOX 74
City:	CENTENNIAL
State/Country:	WYOMING
Postal Code:	82070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14874378

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.

255 E. 5TH STREET

Email: kalyn.black@dinsmore.com **Correspondent Name: DINSMORE & SHOHL LLP** Address Line 1:

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	MKS0004PA
NAME OF SUBMITTER:	THOMAS J. OSBORNE, JR.
SIGNATURE:	/Thomas J. Osborne, Jr./
DATE SIGNED:	07/25/2018

Total Attachments: 5

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ASSIGNMENT

WHEREAS, we, Keith T. Carron of Centennial, WY; Shane A. Buller of Laramie, WY; Mark A. Watson of Laramie, WY; and Sean Patrick Woodward of Laramie, WY, hereinafter called the ASSIGNOR(S), invented certain new and useful SPECTROMETER, for which the ASSIGNOR(S) executed the following United States Provisional and Non-Provisional Patent Applications:

■ Patent Application Serial No. <u>62/058,926 filed October 2, 2014;</u> 62/192,023 filed July 13, 2015; 62/234,522 filed September 29, 2015; and 14/874,378 filed October 2, 2015

Attorney Docket Nos. MKS 0004 MA/MKS-008-PRV;
MKS 0004 M2/MKS-008-PRV2; MKS 0004 M3/MKS-008-PRV3 and MKS
0004 PA/MKS-008-USP

WHEREAS, the ASSIGNOR(S) hereby authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

WHEREAS, MKS Technology, Inc. (d/b/a Snowy Range Instruments), a corporation of the State of Wyoming, with a place of business at P.O. Box 74, Centennial WY 82070, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said applications and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the above referenced applications to the Assignee;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the (future) right to claim priority, in and to said applications, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of

said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by ASSIGNOR(S) had this assignment and sale not been made; and

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States applications, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

ASSIGNOR(S):

Shane A. Buller

IN WITNESS WHEREOF, the ASSIGNOR(S) have hereunto set their hand as of the	23
day of $J_{\mu}/4$, 2015 .	
By: Keith T. Carron	
IN WITNESS WHEREOF, the ASSIGNOR(S) have hereunto set their hand as of the day of $I \sim I \sim 1$, 20/8.	
day of	
By:	

IN WITNESS WHEREOF, the ASSIGNOR(S) have hereunto set their hand as of the day of 23rd, 2018.
By:
IN WITNESS WHEREOF, the ASSIGNOR(S) have hereunto set their hand as of the, 20
By: Sean Patrick Woodward

IN WITNESS WHEREOF, the ASSIGN	VOR(S) have hereun	to set their hand as of the	
day of	, 20		
	,s-		
<i>By</i> :			
Mark A. Watson			
IN WITNESS WHEREOF, the ASSIGN	<i>NOR(S)</i> have hereun	to set their hand as of the	25-1h
day of Inly	, 20 lb.		
By: A Palack Wooding			
Sean Patrick Woodward	' /		

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