PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6075901

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID A. REED	03/07/2018
BRUNO W. SCHUELER	03/06/2018
BRUCE H. NEWCOME	03/07/2018
RODNEY SMEDT	05/31/2018
CHRIS BEVIS	10/12/2017

RECEIVING PARTY DATA

Name:	NOVA MEASURING INSTRUMENTS, INC.
Street Address:	3090 OAKMEAD VILLAGE DRIVE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16856940

CORRESPONDENCE DATA

Fax Number: (408)341-3098

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: 404-872-7000

Email: kitty.yuen@wbd-us.com

Correspondent Name: WOMBLE BOND DICKINSON (US) LLP

Address Line 1: ATTN: IP DOCKETING

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Total Attachments A	
DATE SIGNED:	04/23/2020
SIGNATURE:	/Joseph Bach/
NAME OF SUBMITTER:	JOSEPH BACH
ATTORNEY DOCKET NUMBER:	207029 (P047C3)

Total Attachments: 4

PATENT REEL: 052481 FRAME: 0303

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> PATENT REEL: 052481 FRAME: 0304

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 7029P047	
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, <u>David A. REED, Bruno W. SCHUELER, Bruce H.</u>		
NEWCOME, Rodney SMEDT, and Chris BEVIS		
hereby sell, assign, and transfer to <u>Nova Measuring Instruments Inc.</u>		
	(DEL SIA(ADE	
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>DELAVVARE</u> ,	
	,	
having a principal place of business at		
3090 Oakmead Village Drive, Santa Clara, California 95051	, USA	
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or a SYSTEMS AND APPROACHES FOR SEMICONDUCTOR ANALYSIS USING SECONDARY ION MASS SPECTROME	and all inventions or improvements that hall for the United States patent which for buted by the undersigned prior hereto or non-provisional) is entitled METROLOGY AND SURFACE	
said patent application also identified as follows (when know	AU):	
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh		
United States Patent Application Number 15/550,014	filed August 9, 2017	
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuated applications, renewal applications, reissue applications, ree patent applications that have been or shall be filed in the Ur any of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; and from the filing of said United States application;	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other hited States and all foreign countries on iginal patents, reissued patents, or shall be issued in the United States and	
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, waid Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will execuprovisional applications, utility applications, design applicational applications, utility applications, design applicational applications, renewal applications, reissue applications, reepatent applications on any and all said inventions or improvassignments, powers of attorney, and other papers; communications, and representatives all facts known to the undersign improvements and the history thereof; and generally assist representatives in securing and maintaining proper patent provements and for vesting title to said inventions or improvements and for vesting title to said inventions or improvements.	without charge to, but at the expense of, atives, to carry out in good faith the intent ute all provisional applications, non-ons, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other rements; execute all rightful oaths, unicate to said Assignee, its successors, gned relating to said inventions or said Assignee, its successors, assigns, or protection for said inventions or	

Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:		
March 7, 2018 Date	Mand 16 Mg Signature	
Musch 06, 20 18	David A. REED Printed/Typed Name Signature	
	Bruno W. SCHUELER Printed/Typed Name	
Monch 7 20 18	Bu Mun	
Date	Signature	
	Bruce H. NEWCOME Printed/Typed Name	
	Trinour yped reams	
17ay 31, 2018	Samuel Sa	
Date	Signature	
	Paralana, Alarma	
	Rodney SMEDT Printed/Typed Name	
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20	CETTYS TO THE CETTY WEST CONTROL OF THE CONTROL OF	
Date	Signature	
	Chris BEVIS	
	Printed/Typed Name	
	Assignment Document Return Address:	
	WOMBLE BOND DICKINSON (US) LLP 1279 Oakmead Parkway	
	Sunnyvale, CA 94085-4040	
	(408) 720-8300	

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 7029P047	
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hereby sell, assign, and transfer to <u>Nova Measuring Instr</u>	uments inc.	
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a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	ilc.)	
	,	
having a principal place of business at	AND THE STREET OF THE STREET O	
3090 Oakmead Village Drive, Santa Clara, California 95051		
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or re SYSTEMS AND APPROACHES FOR SEMICONDUCTOR I ANALYSIS USING SECONDARY ION MASS SPECTROME	r and all inventions or improvements that hall hall hall hall hall hall hall	
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agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, versaid Assignee, its successors, assigns, and legal represents and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design applications, applications, continued prosecution applications, continuated applications, renewal applications, reissue applications, ree patent applications on any and all said inventions or improvements, powers of attorney, and other papers; communications, and representatives all facts known to the undersign improvements and the history thereof; and generally assist representatives in securing and maintaining proper patent proportions and for vesting title to said inventions or improvements and for vesting title to said inventions or improvements.	without charge to, but at the expense of, atives, to carry out in good faith the intent ate all provisional applications, non-ons, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other ements; execute all rightful oaths, unicate to said Assignee, its successors, gned relating to said inventions or said Assignee, its successors, assigns, or protection for said inventions or	

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improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and properly herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Signature Date David A. REED Printed/Typed Name Date Signature Bruno W. SCHUELER Printed/Typed Name 20 Signature Date Bruce H. NEWCOME Printed/Typed Name Signature Date Rodney SMEDT Printed/Typed Name Signature Chris BEVIS Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

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