

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4757029

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DETECTOR TECHNOLOGY, LLC	01/02/2018
SCIENTIFIC INSTRUMENT SERVICES, LLC	01/02/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SILICON VALLEY BANK
<b>Street Address:</b>	15260 VENTURA BLVD., SUITE 1800
<b>City:</b>	SHERMAN OAKS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91403
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8134290
<b>Patent Number:</b>	8226449
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)981-3400
<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>	214-981-3483
<b>Email:</b>	dclark@sidley.com
<b>Correspondent Name:</b>	DUSAN CLARK, ESQ.
<b>Address Line 1:</b>	SIDLEY AUSTIN LLP
<b>Address Line 2:</b>	2021 MCKINNEY AVE., SUITE 2000
<b>Address Line 4:</b>	DALLAS, TEXAS 75201
<b>ATTORNEY DOCKET NUMBER:</b>	51285-32730
<b>NAME OF SUBMITTER:</b>	DUSAN CLARK
<b>SIGNATURE:</b>	/Dusan Clark/
<b>DATE SIGNED:</b>	01/02/2018
<b>Total Attachments: 7</b>	
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement, dated as of January 2, 2018, is made by DETECTOR TECHNOLOGY, LLC and SCIENTIFIC INSTRUMENT SERVICES, LLC, (the “**Grantors**”) in favor of SILICON VALLEY BANK (“**SVB**”) pursuant to that certain Loan and Security Agreement, dated as of the date hereof (as amended, amended and restated, supplemented, restructured or otherwise modified, renewed or replaced from time to time, the “**Loan and Security Agreement**”), among Detector Technology, LLC, Scientific Instrument Services, LLC, DeTech Intermediate Holdings Co. (“**Intermediate Holdco**”), DeTech Acquisition Co. (“**Holdings**” and together with Grantors and Intermediate Holdco, the “**Borrowers**”) and SVB.

### RECITALS

A. SVB has agreed extend certain amounts to the Borrowers (the “**Loans**”) in the amounts and manner set forth in the Loan and Security Agreement. SVB is willing to make the Loans to Grantors, but only upon the condition, among others, that Grantors shall grant to SVB a security interest in certain Copyrights, Trademarks and Patents to secure the Obligations. Capitalized terms used but not otherwise defined herein shall have the meanings given to them in the Loan and Security Agreement.

B. Pursuant to the terms of the Loan and Security Agreement, Grantors have granted to SVB a security interest in all of Grantors’ 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 the Obligations, Grantors hereby represent, warrant, covenant and agree as follows:

### AGREEMENT

To secure the Obligations, Grantors grant and pledge to SVB a security interest in all of Grantors’ right, title and interest in, to and under the Grantors’ Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof.

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

California law governs this Intellectual Property Security Agreement without regard to principles of conflicts of law.

This Intellectual Property Security Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, is an original, and all taken together, constitute one agreement.

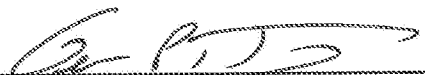
*[Signature Page Follows]*

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**GRANTORS:**

DETECTOR TECHNOLOGY, LLC

By: DETECH ACQUISITION CO.  
Its: Manager

By:   
Name: Geoffrey P. Teillon  
Title: President

SCIENTIFIC INSTRUMENT SERVICES, LLC

By: DETECH ACQUISITION CO.  
Its: Manager

By:   
Name: Geoffrey P. Teillon  
Title: President

SVB:

SILICON VALLEY BANK

By: \_\_\_\_\_

Title: \_\_\_\_\_

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**GRANTORS:**

DETECTOR TECHNOLOGY, LLC

By: DETECH ACQUISITION CO.  
Its: Manager

By: \_\_\_\_\_  
Name: Geoffrey P. Teillon  
Title: President

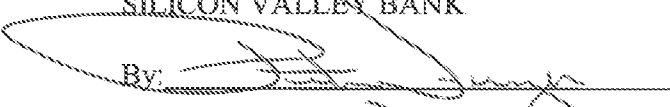
SCIENTIFIC INSTRUMENT SERVICES,  
LLC

By: DETECH ACQUISITION CO.  
Its: Manager

By: \_\_\_\_\_  
Name: Geoffrey P. Teillon  
Title: President

**SVB:**

SILICON VALLEY BANK

By:  \_\_\_\_\_  
Title: Managing Director

*[Signature Page to IP Security Agreement]*

EXHIBIT A

Copyrights

<i>Copyright Title</i>	<i>Owner</i>	<i>Reg. No.</i>	<i>Reg. Date</i>
THE MASS SPEC HANDBOOK OF SERVICE : V. I	Scientific Instrument Services, LLC	TX0001150057	07/11/1983
WINTER 1989-1990 PRESENTATION PRODUCTS CATALOG	Scientific Instrument Services, LLC	TX0002723544	10/13/1989
THE MASS SPEC HANDBOOK OF SERVICE : VOL. 2	Scientific Instrument Services, LLC	TX0003919246	04/28/1994
SIMION SL TOOLKIT : VERSION 1.2.0.1	Scientific Instrument Services, LLC	TX0006060629	09/07/2004
SIMION 8.0.	Scientific Instrument Services, LLC	TX0006607662	02/05/2007

EXHIBIT B


Patents

<i>Title</i>	<i>Country</i>	<i>App. No./ Filing Date</i>	<i>Patent No./ Issue Date</i>	<i>Owner</i>
EMISSION FILAMENTS MADE FROM A RHENIUM ALLOY AND METHOD OF MANUFACTURING THEREOF	U.S.	12/661,786  03/24/2010	8,134,290  03/13/2012	Scientific Instrument Services, LLC
METHOD OF MANUFACTURING RHENIUM ALLOY EMISSION FILAMENTS	U.S.	13/199,136  08/19/2011	8,226,449  07/24/2012	Scientific Instrument Services, LLC



EXHIBIT C

Trademarks

<i>Trademark</i>	<i>App. No./ Filing Date</i>	<i>Reg. No./ Reg. Date</i>	<i>Owner</i>
SIMION	76/664,432 08/10/2006	3,313,221 10/16/2007	Scientific Instrument Services, LLC
SISALLOY	76/697,080 04/23/2009	4,038,733 10/11/2011	Scientific Instrument Services, LLC
AUTODESORB	76/620,989 11/18/2004	3,105,651 06/20/2006	Scientific Instrument Services, LLC
MASS SPEC SOURCE	76/640,225 06/06/2005	3,094,812 05/23/2006	Scientific Instrument Services, LLC
SCIENTIFIC INSTRUMENT SERVICES	76/653,179 01/04/2006	3,190,741 01/02/2007	Scientific Instrument Services, LLC
	76/434,067 07/25/2002	2,763,804 09/16/2003	Scientific Instrument Services, LLC
SHORT PATH	76/113,154 08/21/2000	2,584,604 06/25/2002	Scientific Instrument Services, LLC
SISWEB	75/768,533 08/05/1999	2,415,426 12/26/2000	Scientific Instrument Services, LLC
SIS	75/768,513 08/05/1999	2,430,975 02/27/2001	Scientific Instrument Services, LLC
MICRO CRYO-TRAP	75/026,415 11/29/1995	2,114,612 11/18/1997	Scientific Instrument Services, LLC