

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6406196

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
VERAN MEDICAL TECHNOLOGIES, INC.	11/21/2018
RECEIVING PARTY DATA	
Name:	WESTERN ALLIANCE BANK
Street Address:	55 ALMADEN BOULEVARD, SUITE 100
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95113
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	10573008
Patent Number:	10643333
Application Number:	14989692
Application Number:	15892218
Application Number:	16865929
Application Number:	16052745
CORRESPONDENCE DATA	
Fax Number:	(858)638-5130
<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>	
Phone:	619-699-2700
Email:	susan.reynolds@dlapiper.com
Correspondent Name:	DLA PIPER LLP (US)
Address Line 1:	401 B STREET, SUITE 1700
Address Line 4:	SAN DIEGO, CALIFORNIA 92101
NAME OF SUBMITTER:	MATT SCHWARTZ
SIGNATURE:	/s/ Matt Schwartz
DATE SIGNED:	11/17/2020
Total Attachments: 9 source=IPSA#page1.tif	

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of November 21, 2018, (the "Agreement") between WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") and VERAN MEDICAL TECHNOLOGIES, INC., ("Grantor") is made with reference to the Loan and Security Agreement, dated as of November 21, 2018 (as amended from time to time, the "Loan Agreement"), between Lender and Grantor. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement,

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 Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

VERAN MEDICAL TECHNOLOGIES, INC.

By:  _____

Name: Kirk Jacquay

Title: Chief Financial Officer

Address for Notices:

Attn: Chief Financial Officer
1908 Innerbelt Business Center Drive
St. Louis, MO 63114
Email: kirk.jacquay@veranmedical.com
Fax: (314) 659-8560

LENDER:

WESTERN ALLIANCE BANK, an Arizona corporation

By: _____

Name: _____

Title: _____

Address for Notices:

Attn: Robert C. Lake, SVB, Head of Life Sciences
12220 El Camino Real, Suite 100
San Diego, CA 92130
Email: rob.lake@bridgebank.com

/Signature Page to Intellectual Property Security Agreement/

WEST284221397

PATENT
REEL: 054395 FRAME: 0163

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

VERAN MEDICAL TECHNOLOGIES, INC.

By: _____

Name: _____

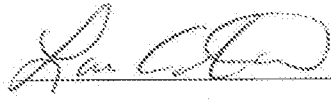
Title: _____

Address for Notices:

Attn: Chief Financial Officer
1908 Innerbelt Business Center Drive
St. Louis, MO 63114
Email: kirk.jacquay@veranmedical.com
Fax: (314) 659-8560

LENDER:

WESTERN ALLIANCE BANK, an Arizona corporation

By:  _____

Name: Lauren Cosentino

Title: VP Relationship Manager

Address for Notices:

Attn: Robert C. Lake, SVB, Head of Life Sciences
12220 El Camino Real, Suite 100
San Diego, CA 92130
Email: rob.lake@bridgebank.com

/Signature Page to Intellectual Property Security Agreement/

WEST\284221397

PATENT
REEL: 054395 FRAME: 0164

EXHIBIT A
COPYRIGHTS

Please Check if No Copyrights Exist

<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Pre - registered?</u>

Exhibit B
TRADEMARKS

Please Check if No Trademarks Exist

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>Filing Date:</u>
SPIN ACCESS CATHETER	88007850	6/20/18
SPIN LINK	88007838	6/20/18
SPIN SYSTEM	88007829	6/20/18
SPIN THORACIC NAVIGATION SYSTEM	88007821	6/20/18
SPIN PLANNING	88007811	6/20/18
SPIN IR	88007794	6/20/18
SPIN FLEX	88007780	6/20/18
SPIN EWC	88007759	6/20/18
VSUPPORT	88007858	6/20/18
VPAD	87325919	2/6/17
SPIN XTEND	87316010	1/27/17
SPIN PERC	87316017	1/27/17
Design	87314987	1/26/17
ALWAYS-ON TIP TRACKED	85471506	11/14/11
VERAN MEDICAL TECHNOLOGIES	85780004	11/15/12
NAVIGATE. DIAGNOSE. TREAT	85691210	7/31/12
SPIN DRIVE	77914409	1/19/10
SPIN VISION	90231699	10/2/20
SPIN FOCUS	90231683	10/2/20

EXHIBIT C

PATENTS

Please Check if No Patents Exist

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Methods, apparatuses, and systems useful in conducting image guided interventions	7398116	10649600	Issued	7/8/08
Methods, apparatuses, and systems useful in conducting image guided interventions	7853307	12146738	Issued	12/14/10
Apparatus and method for automatic image guided accuracy verification	7920909	11410143	Issued	4/5/11
Apparatus and method for automatic image guided accuracy verification	7962193	12724689	Issued	6/14/11
Bodily sealants and methods and apparatus for image-guided delivery of same	8150495	12267200	Issued	4/3/12
Methods, apparatuses and systems useful in conducting image guided interventions	8483801	12941555	Issued	7/9/13
Apparatus and method for four dimensional soft tissue navigation in endoscopic applications	8696549	13215017	Issued	4/15/14
Systems, methods and devices for forming respiratory-gated point cloud for four dimensional soft tissue navigation	9138165	13773984	Issued	9/22/15
Apparatus and method for automatic image guided accuracy verification	9218663	13065945	Issued	12/22/15
Apparatus and method for automatic image guided accuracy verification	9218664	13103674	Issued	12/22/15
Steerable surgical catheter having biopsy devices and related systems and methods for four dimensional soft tissue navigation	9972082	13773997	Issued	5/15/18
Apparatus and method for airway registration and navigation	N/A	13215036	Published	N/A
Systems, instruments, and method for four dimensional soft tissue navigation	N/A	13215041	Published	N/A
Apparatus and method for four dimensional soft tissue navigation including endoscopic mapping	N/A	13215050	Published	N/A
Bodily sealants and methods and apparatus for image-guided delivery of same	N/A	13405290	Published	N/A
Surgical catheter having side exiting medical instrument and related systems and methods for four dimensional soft tissue navigation	N/A	13773981	Published	N/A

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Method for placing a localization element in an organ of a patient for four dimensional soft tissue navigation	N/A	13773990	Published	N/A
Apparatus and method for four dimensional soft tissue navigation	N/A	13817730	Published	N/A
Method, apparatuses and systems useful in conducting image guided interventions	N/A	13932428	Published	N/A
Apparatus and method for image guided accuracy verification	N/A	11224028	Published	N/A
Apparatus and method for four dimensional soft tissue navigation in endoscopic applications	N/A	14182896	Published	N/A
Apparatuses and methods for endobronchial navigation to and confirmation of the location of a target tissue and percutaneous interception of the target tissue	N/A	14259342	Published	N/A
Apparatuses and methods for registering a real-time image feed from an imaging device to a steerable catheter	N/A	14259362	Published	N/A
Adjustable length medical instrument assembly with localization elements for tracking medical instrument extension	N/A	14708449	Published	N/A
Medical apparatus with transferable imaging device for real-time confirmation of interception of target tissue	N/A	14708489	Published	N/A
Systems, methods and devices for forming respiratory-gated point cloud for four dimensional soft tissue navigation	N/A	14843365	Published	N/A
Apparatus and method for image guided accuracy verification	N/A	14957688	Published	N/A
Apparatus and method for image guided accuracy verification	N/A	14957719	Published	N/A
Method, apparatuses and systems useful in conducting image guided interventions	N/A	14989671	Published	N/A
Apparatus and methods for registering a real-time image feed from an imaging device to a steerable catheter	N/A	15208534	Published	N/A
Systems, methods and devices for forming respiratory-gated point cloud for four dimensional soft tissue navigation	N/A	15287648	Published	N/A
Apparatus and methods for endobronchial navigation to and confirmation of the location of a target tissue and percutaneous interception of the target tissue	N/A	15290822	Published	N/A

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Apparatuses and methods for navigation in and local segmentation extension of anatomical treelike structures	10573008	15953150	Issued	2/25/20
Apparatuses and methods for navigation in and local segmentation extension of anatomical treelike structures	10643333	15952189	Issued	5/5/20
Apparatus and method for four dimensional soft tissue navigation including endoscopic mapping	N/A	14989692	Published	1/6/16
Localization needle	N/A	15892218	Published	2/18/18
Apparatuses and methods for navigation in and local segmentation extension of anatomical treelike structures	N/A	16865929	Published	5/4/20
Bodily sealants and methods and apparatus for image-guided delivery of same	N/A	16052745	Published	8/2/18