#### 503311014 05/18/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3357632

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID R. FISCHELL	01/25/2013
TIM A. FISCHELL	01/25/2013
ROBERT E. FISCHELL	01/25/2013
ROBERT RYAN RAGLAND	01/28/2013
DARRIN JAMES KENT	01/28/2013
ANDY EDWARD DENISON	01/28/2013
ERIC THOMAS JOHNSON	01/28/2013
JEFF ALAN BURKE	01/28/2013
CHRISTOPHER SCOTT HAYDEN	01/28/2013

#### **RECEIVING PARTY DATA**

Name:	ABLATIVE SOLUTIONS, INC.
Street Address:	71 RIVERLAWN DRIVE
City:	FAIR HAVEN
State/Country:	NEW JERSEY
Postal Code:	07704

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14320085

### **CORRESPONDENCE DATA**

Fax Number: (949)760-9502

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KNOBBE, MARTENS, OLSON & BEAR, LLP **Correspondent Name:** 

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Address Line 2: 14TH FLOOR

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ATTORNEY DOCKET NUMBER:	ABLTV.005P1C1
NAME OF SUBMITTER:	DEVANIE DUFOUR

PAIENI

**REEL: 035659 FRAME: 0648** 503311014

SIGNATURE:	/DEVANIE DUFOUR/
DATE SIGNED:	05/18/2015
Total Attachments: 8	
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Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.005A Page 1 of 4

Title: PERI-VASCULAR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES

Inventors: Tim A. Fischell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin James Kent, Andy Edward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher Scott

Hayden

#### Declaration

This Declaration is directed to the application identified above that:

Is attached, where "attached" means filed concurrently with.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

#### Assignment from Inventors

WHEREAS, above-identified inventors (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **Ablative Solutions, Inc.,** with its principal place of business at 71 Riverlawn Drive, Fair Haven, NJ 07704 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s)., filed (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.005A

Page 2 of 4

Title: PERI-VASCULAR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES

Inventors: Tim A. Fischell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin James Kent, Andy Edward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher Scott Hayden

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inver	ntor: David R. Fischell	
IN TESTIMONY WHE	EREOF, I hereunto set my hand and seal t	his 25th day of January 2013
Signature:	Davil Rischell	Date: 25 January 2013
	Signature before a Notary is desiral presence of a Notary, please attach the a	ble but not required. When signed in appropriate notarial documentation.
Legal Name of inver	<b>ntor:</b> Tim A. Fischell EREOF, I hereunto set my hand and seal t	his 25th day of January 2013
Signature:	Marschell	Date: _25 January 2013
	Signature before a Notary is desiral presence of a Notary, please attach the a	<b>ble but not required.</b> When signed in appropriate notarial documentation.

# COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.	005A	Page 3 of 4
Title: PERI-VASCUL	AR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES	
	schell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darri Edward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christophe	
_	ntor: Robert Ryan Ragland	
20	EREOF, I hereunto set my hand and seal this day of	***************************************
Signature:	Date:	
	Signature before a Notary is desirable but not required. Whe presence of a Notary, please attach the appropriate notarial document	
Legal Name of inve	ntor: Darrin James Kent	
IN TESTIMONY WH	EREOF, I hereunto set my hand and seal this day of	·
Signature:	Date:	
	Signature before a Notary is desirable but not required. Whe presence of a Notary, please attach the appropriate notarial document	
Legal Name of inve	ntor: Andy Edward Denison	
IN TESTIMONY WH 20	EREOF, I hereunto set my hand and seal this day of	
Signature:	Date:	
	Signature before a Notary is desirable but not required. Who presence of a Notary, please attach the appropriate notarial document	
Legal Name of inve	ntor: Eric Thomas Johnson	
IN TESTIMONY WH	EREOF, I hereunto set my hand and seal this day of	,
Signature:	Date:	

**Signature before a Notary is desirable but not required.** When signed in presence of a Notary, please attach the appropriate notarial documentation.

## COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.0	005A	Page 4 of 4
Title: PERI-VASCUL	AR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES	
	schell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin dward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher	
Legal Name of inve	ntor: Jeff Alan Burke	<del></del>
IN TESTIMONY WH 20	EREOF, I hereunto set my hand and seal this day of	······································
Signature:	Date:	
	Signature before a Notary is desirable but not required. When presence of a Notary, please attach the appropriate notarial documents	
Legal Name of inve	ntor: Christopher Scott Hayden	
IN TESTIMONY WH 20	EREOF, I hereunto set my hand and seal this day of	, , , , , , , , , , , , , , , , , , ,
Signature:	Date:	
	Signature before a Notary is desirable but not required. When presence of a Notary, please attach the appropriate notarial documents	
Legal Name of inve	ntor: Robert E. Fischell	
IN TESTIMONY WHE	REOF, I hereunto set my hand and seal this 25th day of January 2013	
Signature:	Date: 25 January	2013
	Signature before a Notary is desirable but not required. Whe presence of a Notary, please attach the appropriate notarial documents	en signed in ation.

14703614 ra 012113

Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.005A Page 1 of 4

Title: PERI-VASCULAR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES

Inventors: Tim A. Fischell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin James Kent, Andy Edward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher Scott

Hayden

#### Declaration

This Declaration is directed to the application identified above that:

Is attached, where "attached" means filed concurrently with.

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I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

#### Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **Ablative Solutions, Inc.,** with its principal place of business at 71 Riverlawn Drive, Fair Haven, NJ 07704 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s), , filed (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.005A Page 2 of 4

Title: PERI-VASCULAR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES

Inventors: Tim A. Fischell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin James Kent, Andy Edward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher Scott

Hayden

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inver	tor: David R. Fischell
IN TESTIMONY WHI 20	EREOF, I hereunto set my hand and seal this day of,
Signature:	Date:
	Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.
Legal Name of inver	itor: Tim A. Fischell
IN TESTIMONY WHI	EREOF, I hereunto set my hand and seal this day of
Signature:	Date:
	Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

## COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Page 3 of 4 Docket No.: ABLTV.005A Title: PERI-VASCULAR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES Inventors: Tim A. Fischell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin James Kent, Andy Edward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher Scott Hayden Legal Name of inventor: Robert Ryan Ragland IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 28 day of 20 13. Signature: Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation. Legal Name of inventor: Darrin James Kent IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 28 day of 1 lum 20 13. Date: 01-28-2013 Signature: Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation. Legal Name of Inventor: Andy Edward Denison IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>28</u> day of \_ 20<u>13</u>. Date: 01 - 28 - 2013 Signature: Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 28 day of ! Januares

Legal Name of inventor: Eric Thomas Johnson

Signature:

20<u>13</u>.

presence of a Notary, please attach the appropriate notarial documentation.

Signature before a Notary is desirable but not required. When signed in

PATENT REEL: 035659 FRAME: 0656

Date: 01-28-

## COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: ABLTV.00	05A	Page 4 of 4
Title: PERI-VASCULA	AR TISSUE ABLATION CATHETER WITH SUPPORT STRUCTURES	
	chell, David R. Fischell, Robert E. Fischell, Robert Ryan Ragland, Darrin dward Denison, Eric Thomas Johnson, Jeff Alan Burke, and Christopher	
Legal Name of inven		
20 <u>12</u> .	EREOF, I hereunto set my hand and seal this <u>Z8</u> day of <u>Yuw</u>	easey.
Signature:	MBurke Date: 01-28-	2013
	Signature before a Notary is desirable but not required. Whe presence of a Notary, please attach the appropriate notarial documenta	n signed in
	tor: Christopher Scott Hayden EREOF, I hereunto set my hand and seal this <u>78</u> day of <u>Jame</u>	any.
Signature:	Date: 01-28-	2013
	Signature before a Notary is desirable but not required. Whe presence of a Notary, please attach the appropriate notarial documents	n signed in
•	tor: Robert E. Fischell	
IN TESTIMONY WHE 20	EREOF, I hereunto set my hand and seal this day of	
Signature:	Date:	
	Signature before a Notary is desirable but not required. Whe presence of a Notary, please attach the appropriate notarial documenta	

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**PATENT REEL: 035659 FRAME: 0657** 

**RECORDED: 05/18/2015**