

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4884184

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KENNETH P. GRACE	02/02/2018
THOMAS TRIFFO	03/07/2018
JAMES CEZO	03/07/2018
RECEIVING PARTY DATA	
Name:	THE SPECTRANETICS CORPORATION
Street Address:	9965 FEDERAL DRIVE
City:	COLORADO SPRINGS
State/Country:	COLORADO
Postal Code:	80921-3617
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15659402
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ATTORNEY DOCKET NUMBER:	487145.843
NAME OF SUBMITTER:	STEVEN C. WIEMER
SIGNATURE:	/steven c wiemer/
DATE SIGNED:	03/26/2018
Total Attachments: 3	
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**ASSIGNMENT and
ACCEPTANCE BY ASSIGNEE**

Attorney Docket No.: 487145.000843

Page 1 of 3

First Named Inventor: Kenneth P. Grace

Title: LIQUID LASER-INDUCED PRESSURE WAVE
EMITTING CATHETER SHEATH

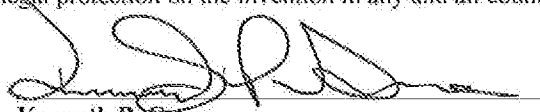
WHEREAS, we, **Kenneth P. Grace**, residing at 430 Hopi Trail, Woodland Park, Colorado 80863, **Thomas Triffo**, residing at 5591 Butterfield Drive, Colorado Springs, Colorado 80923, and **James Cezo**, residing at 2040 Westmoreland Road, Colorado Springs, Colorado 80907, have invented certain new and useful improvements as described in an application entitled **LIQUID LASER-INDUCED PRESSURE WAVE EMITTING CATHETER SHEATH**, for which an application was made for Letters Patent of the United States, the application being identified in the United States Patent and Trademark Office by Application No. 15/659,402, filed July 25, 2017; and

WHEREAS, The Spectranetics Corporation, having an address of 9965 Federal Drive, Colorado Springs, Colorado 80921 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.


Kenneth P. Grace

Title R&D Engineer

Date 2/2/18

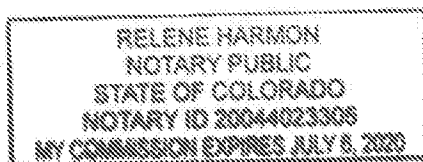
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado)
COUNTY OF El Paso) SS.

Subscribed and sworn to before me, a Notary Public,
this 2 day of February, 2018.


Notary Public

(SEAL)



US 116219079.01

PATENT
REEL: 045352 FRAME: 0775


**ASSIGNMENT and
ACCEPTANCE BY ASSIGNEE**

Attorney Docket No.: 487145.000843

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First Named Inventor: Kenneth P. Grace

Title: LIQUID LASER-INDUCED PRESSURE WAVE
EMITTING CATHETER SHEATH


Thomas Triffo

Title

R&D Engineer

Date

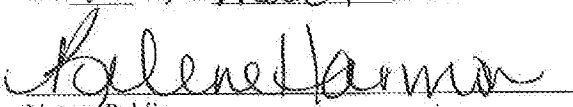
07 Mar 2018

CERTIFICATE OF ACKNOWLEDGMENT

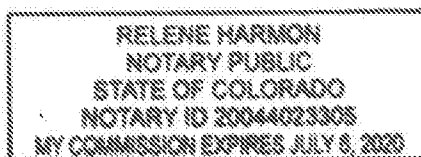
STATE OF Colorado)

COUNTY OF El Paso) SS.

Subscribed and sworn to before me, a Notary Public,
this 7th day of March, 2018.


Notary Public

(SEAL)




James Ceza

Title

R&D Engineer

Date

March 7, 2018

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado)

COUNTY OF El Paso) SS.

Subscribed and sworn to before me, a Notary Public,
this 7th day of March, 2018.

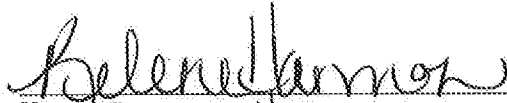

Notary Public

(SEAL)

<p align="center">ASSIGNMENT and ACCEPTANCE BY ASSIGNEE</p>	<p>Attorney Docket No.: 487145.000843</p>	<p>Page 3 of 3</p>
	<p>First Named Inventor: Kenneth P. Grace</p>	
	<p>Title: LIQUID LASER-INDUCED PRESSURE WAVE EMITTING CATHETER SHEATH</p>	

ACCEPTANCE OF ASSIGNMENT BY ASSIGNEE

On behalf of the Assignee, I confirm that the Assignee has accepted the assignment of the patent application set forth in this assignment document from the Assignor to the Assignee.


 Name: Belene Harmon
 Title: Sr. Paralegal
 The Spectranetics Corporation
 Date: 3-7-18