

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4759384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KENNETH P. GRACE	11/19/2015
GEORGE WOODROW BURTON	11/19/2015
GREGORY CONWAY EBBETS	08/29/2016
NOLAN MILLER HORRALL	11/20/2015
BRANDON THOMAS HENDRICK	11/19/2015
THOMAS KELBY TRIFFO	11/19/2015
BLAINE ANDREW SCHNEIDER	11/19/2015
JOSEPH NICHOLAS MATTERSON	11/19/2015
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:	15850456
CORRESPONDENCE DATA	
Fax Number:	(303)607-3600
<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:	(303) 607-3500
Email:	aimee.miller@faegreBD.com
Correspondent Name:	FAEGRE BAKER DANIELS LLP
Address Line 1:	1700 LINCOLN STREET
Address Line 2:	SUITE 3200
Address Line 4:	DENVER, COLORADO 80203
ATTORNEY DOCKET NUMBER:	487145.870
NAME OF SUBMITTER:	STEVEN WIEMER
SIGNATURE:	/steven wiemer/

PATENT

DATE SIGNED:	01/03/2018
Total Attachments: 6 source=487145-870-Parent-Assignment-signed#page1.tif source=487145-870-Parent-Assignment-signed#page2.tif source=487145-870-Parent-Assignment-signed#page3.tif source=487145-870-Parent-Assignment-signed#page4.tif source=487145-870-Parent-Assignment-signed#page5.tif source=487145-870-Parent-Assignment-signed#page6.tif	

ASSIGNMENT	Attorney Docket No.: 487145.000711	Page 1 of 5
	First Named Inventor: Kenneth P. Grace	
	Title: LASER ENERGY DELIVERY DEVICES INCLUDING LASER TRANSMISSION DETECTION SYSTEMS AND METHODS	

WHEREAS, we, **Kenneth P. Grace**, residing at 430 Hopi Trail, Woodland Park, Colorado 80863, **George Woodrow Burton**, residing at 6061 Wisteria Drive, Colorado Springs, Colorado 80919, **Gregory Conway Ebbets**, residing at 2366 Parliament Drive, Colorado Springs, Colorado 80920, **Nolan Miller Horrall**, residing at 2309 North Nevada Avenue, Colorado Springs, Colorado 80907, **Brandon Thomas Hendrick**, residing at 8060 Camfield Circle, Colorado Springs, Colorado 80920, **Thomas Kelby Triffo**, residing at 8764 Bamboo Court, Colorado Springs, Colorado 80951, **Blaine Andrew Schneider**, residing at 2675 Landsdown Place, Colorado Springs, Colorado 80919, and **Joseph Nicholas Matterson**, residing at 5051 Petrified Forest Trail, Colorado Springs, Colorado 80924, have invented certain new and useful improvements as described in an application entitled **LASER ENERGY DELIVERY DEVICES INCLUDING LASER TRANSMISSION DETECTION SYSTEMS AND METHODS**, 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. 14/925,348, filed October 28, 2015; 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, to insert in this instrument the filing date and application number of the application when ascertained. 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.

ASSIGNMENT	Attorney Docket No.: 487145.000711	Page 2 of 5
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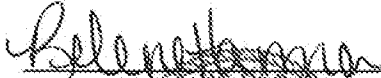

Kenneth P. Grace

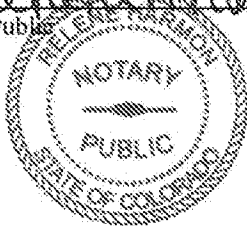
Date 11/19/15

CERTIFICATE OF ACKNOWLEDGMENT

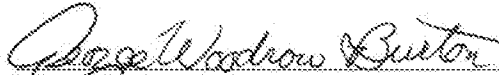
STATE OF Colorado)
COUNTY OF El Paso) : SS.

Subscribed and sworn to before me, a Notary Public,
this 19 day of November, 2015.


Notary Public
(SEAL)



My Commission Expires 07/06/2016

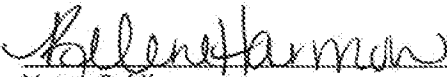

George Woodrow Burton

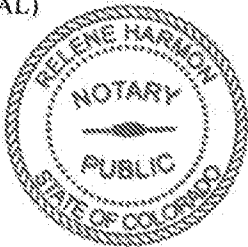
Date 11/19/15

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado)
COUNTY OF El Paso) : SS.

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Notary Public
(SEAL)



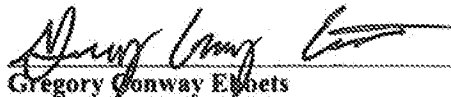
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ASSIGNMENT

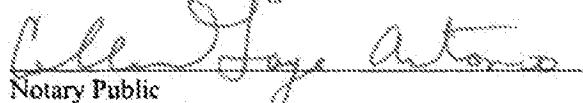
Attorney Docket No.: 487145.000711

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First Named Inventor: Kenneth P. Grace

Title: LASER ENERGY DELIVERY DEVICES INCLUDING
LASER TRANSMISSION DETECTION SYSTEMS AND
METHODS
Gregory Conway EbbetsDate 29 Aug 2016

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado
COUNTY OF Denver : SS.Subscribed and sworn to before me, a Notary Public,
this 29th day of August, 2016.
Notary Public(SEAL) COLLEEN FAYE ANTONIO
Notary Public
State of Colorado
Notary ID 20104013444
My Commission Expires Apr 14, 2018

Nolan Miller Horrall

Date _____

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF _____
COUNTY OF _____ : SS.Subscribed and sworn to before me, a Notary Public,
this _____ day of _____, 2015.

Notary Public

(SEAL)

ASSIGNMENT	Attorney Docket No.: 487145.000711	Page 3 of 5
	First Named Inventor: Kenneth P. Grace	
	Title: LASER ENERGY DELIVERY DEVICES INCLUDING LASER TRANSMISSION DETECTION SYSTEMS AND METHODS	

Gregory Conway Ebbets

Date _____

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF _____)
: SS.
COUNTY OF _____)

Subscribed and sworn to before me, a Notary Public,
this _____ day of _____, 2015.

Notary Public

(SEAL)

Nolan Miller Harrall

Date 20 NOV 2015

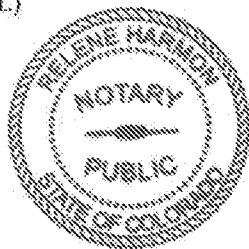
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado)
: SS.
COUNTY OF El Paso)

Subscribed and sworn to before me, a Notary Public,
this 20 day of November, 2015.

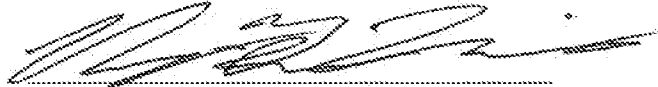
Beleneth Harrall
Notary Public

(SEAL)



My Commission Expires 07/16/2016

ASSIGNMENT	Attorney Docket No.: 487145.000711	Page 4 of 5
	First Named Inventor: Kenneth P. Grace	
	Title: LASER ENERGY DELIVERY DEVICES INCLUDING LASER TRANSMISSION DETECTION SYSTEMS AND METHODS	



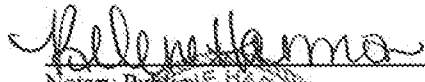
Brandon Thomas Hendrick

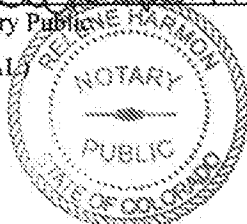
Date 19 Nov 2015

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado)
) SS.
COUNTY OF El Paso)

Subscribed and sworn to before me, a Notary Public,
this 19 day of November, 2015.


Notary Public
(SEAL)

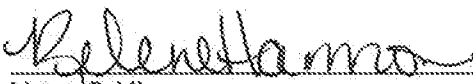


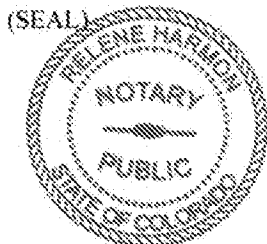
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COUNTY OF El Paso)

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this 19 day of November, 2015.


Notary Public



My Commission Expires 07/06/2016


Thomas Kelby Triffo

Date 19 Nov 2015

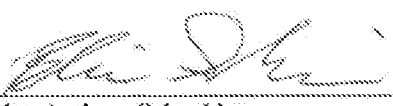
ASSIGNMENT

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First Named Inventor: Kenneth P. Grace

Title: LASER ENERGY DELIVERY DEVICES INCLUDING
LASER TRANSMISSION DETECTION SYSTEMS AND
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Blaine Andrew Schneider

Date 19-Nov-2015

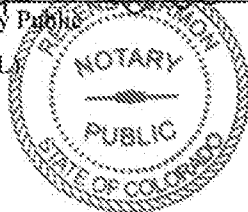
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STATE OF Colorado)
COUNTY OF El Paso : SS.

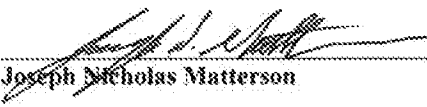
Subscribed and sworn to before me, a Notary Public,
this 19 day of November, 2015.


Notary Public

(SEAL)



My Commission Expires 07/06/2016


Joseph Nicholas Matterson

Date 19 NOV 2015

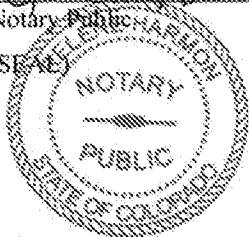
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Notary Public

(SEAL)



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