

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5059613

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CASEY M. LADTKOW	04/11/2013
JOSEPH D. BRANNAN	04/12/2013
DARION R. PETERSON	04/12/2013
ERIC W. LARSON	04/12/2013
KAYLEN J. HALEY	04/10/2013
WILLIAM J. DICKHANS	04/10/2013
JASON A. CASE	04/29/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COVIDIEN LP
<b>Street Address:</b>	15 HAMPSHIRE STREET
<b>City:</b>	MANSFIELD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02048
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16005067
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(631)501-3526
<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>	6315015700
<b>Email:</b>	MAIL@CDFSLAW.COM, MCUNNINGHAM@CDFSLAW.COM
<b>Correspondent Name:</b>	CARTER DELUCA FARRELL & SCHMIDT LLP
<b>Address Line 1:</b>	445 BROAD HOLLOW ROAD
<b>Address Line 2:</b>	SUITE 420
<b>Address Line 4:</b>	MELVILLE, NEW YORK 11747
<b>ATTORNEY DOCKET NUMBER:</b>	H-IL-00082.USC10
<b>NAME OF SUBMITTER:</b>	NATHAN WEBER
<b>SIGNATURE:</b>	/Nathan Weber/
<b>DATE SIGNED:</b>	07/20/2018

PATENT

**Total Attachments: 5**

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For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or ☐ U.S. Patent  
By : ☒ Inventor or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Casey M. Ladtkow  
Joseph D. Brannan  
Darion R. Peterson  
Eric W. Larson  
Kaylen J. Haley  
William J. Dickhans  
Jason A. Case

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on: \_\_\_\_\_  
Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

Covidien LP  
15 Hampshire Street  
Mansfield, MA 02048  
US

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

**MICROWAVE ABLATION CATHETER AND METHOD OF UTILIZING THE SAME**

(Title)

and which is found in

- (a) ☒ U.S. application Serial No. 13/839,247 filed on March 15, 2013.
- (b) ☒ U.S. provisional application No. 61/680,555 filed on August 7, 2012
- ☒ U.S. provisional application No. 61/783,921 filed on March 14, 2013
- ☒ U.S. provisional application No. 61/784,048 filed on March 14, 2013
- ☒ U.S. provisional application No. 61/784,176 filed on March 14, 2013
- ☒ U.S. provisional application No. 61/784,297 filed on March 14, 2013
- ☒ U.S. provisional application No. 61/784,407 filed on March 14, 2013

- (c) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_.
- (d) ☐ PCT application No. \_\_\_\_\_ filed on \_\_\_\_\_.
- ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (e) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.


ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenant to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefore in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefore; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

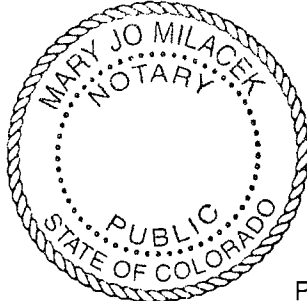
IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

  
\_\_\_\_\_  
Casey M. Ladtkow

4/11/13  
\_\_\_\_\_  
(Date)

State of Colorado       )  
                                  ) ss  
County of Boulder       )

Before me this 11 day of April 2013, personally appeared **Casey M. Ladtkow** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



  
\_\_\_\_\_  
Notary Public.

AFFIX SEAL

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My Commission Expires 02/28/2015

Joseph D. Brannan  
Joseph D. Brannan

4-12-2013  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 12 day of April 2013, personally appeared **Joseph D. Brannan** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

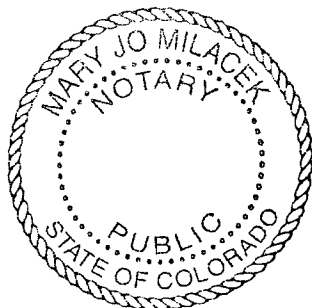
Mary Jo Milacek  
Notary Public

Darion R. Peterson  
Darion R. Peterson

4-12-2013  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 12 day of April 2013, personally appeared **Darion R. Peterson** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek  
Notary Public

52  
Eric W. Larson

04/12/13  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 12 day of April 2013, personally appeared Eric W. Larson to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek  
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

Kaylen J. Haley  
Kaylen J. Haley

04/10/13  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 10 day of April 2013, personally appeared Kaylen J. Haley to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek  
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

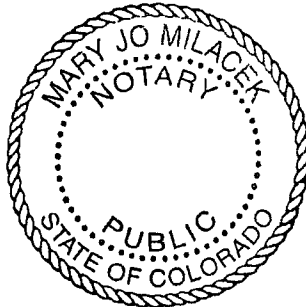
William J. Dickhans  
William J. Dickhans

4/10/13  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 10 day of April 2013, personally appeared William J. Dickhans to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek  
Notary Public

Jason A. Case  
Jason A. Case

4-29-13  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 29 day of April 2013, personally appeared Jason A. Case to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek  
Notary Public