

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3390466

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF NAMES OF ASSIGNOR NO. 1 AND ASSIGNOR NO. 3 previously recorded on Reel 030393 Frame 0741. Assignor(s) hereby confirms the CORRECT SPELLING IS JOSEPH D. BRANNAN AND DARION R. PETERSON.
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH D. BRANNAN	04/12/2013
CASEY M. LADTKOW	04/11/2013
DARION R. PETERSON	04/12/2013
ERIC W. LARSON	04/12/2013
WILLIAM J. DICKHANS	04/10/2013
RICHARD A. WILLYARD	04/29/2013
JASON A. CASE	04/29/2013
RECEIVING PARTY DATA	
Name:	COVIDIEN LP
Street Address:	15 HAMPSHIRE STREET
City:	MANSFIELD
State/Country:	MASSACHUSETTS
Postal Code:	02048
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13834581
CORRESPONDENCE DATA	
Fax Number:	(303)581-6632
<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:	303-530-2300
Email:	SURGICALUS@COVIDIEN.COM
Correspondent Name:	COVIDIEN LP
Address Line 1:	5920 LONGBOW DRIVE
Address Line 2:	ATTN: IP LEGAL
Address Line 4:	BOULDER, COLORADO 80301
ATTORNEY DOCKET NUMBER:	H-IL-00077 (1988-77)
NAME OF SUBMITTER:	GIORDANA M. BELENCHIA

PATENT

SIGNATURE:	/Giordana M. BELENCHIA/ Reg. #63680
DATE SIGNED:	06/10/2015
Total Attachments: 8 source=CorrectedAssignmentRecordation#page1.tif source=CorrectedAssignmentRecordation#page2.tif source=CorrectedAssignmentRecordation#page3.tif source=CorrectedAssignmentRecordation#page4.tif source=CorrectedAssignmentRecordation#page5.tif source=CorrectedAssignmentRecordation#page6.tif source=CorrectedAssignmentRecordation#page7.tif source=CorrectedAssignmentRecordation#page8.tif	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 13, 2013

PTAS

COVIDIEN LP
5920 LONGBOW DRIVE
MAIL STOP A36
BOULDER, CO 80301-3299

502343264

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/10/2013

REEL/FRAME: 030393/0741
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: H-IL-00077 (1988-77)

ASSIGNOR: JOSEPH
BRANNAN, JAMES D.

DOC DATE: 04/12/2013

ASSIGNOR:
LADTKOW, CASEY M.

DOC DATE: 04/11/2013

ASSIGNOR: DARION
PETERSON, DARLON R.

DOC DATE: 04/12/2013

ASSIGNOR:
LARSON, ERIC W.

DOC DATE: 04/12/2013

ASSIGNOR:
DICKHANS, WILLIAM J.

DOC DATE: 04/10/2013

ASSIGNOR:
WILLYARD, RICHARD A.

DOC DATE: 04/29/2013

ASSIGNOR:
CASE, JASON A.

DOC DATE: 04/29/2013

ASSIGNEE:

COVIDIEN LP
15 HAMPSHIRE STREET
MANSFIELD, MASSACHUSETTS 02048

APPLICATION NUMBER: 13834581

FILING DATE: 03/15/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: MICROWAVE ENERGY-DELIVERY DEVICE AND SYSTEM

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

502343264 05/10/2013

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James D. Brannan</td> <td>04/12/2013</td> </tr> <tr> <td>Casey M. Ladtkow</td> <td>04/11/2013</td> </tr> <tr> <td>Darlon R. Peterson</td> <td>04/12/2013</td> </tr> <tr> <td>Eric W. Larson</td> <td>04/12/2013</td> </tr> <tr> <td>William J. Dickhans</td> <td>04/10/2013</td> </tr> <tr> <td>Richard A. Willyard</td> <td>04/29/2013</td> </tr> <tr> <td>Jason A. Case</td> <td>04/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	James D. Brannan	04/12/2013	Casey M. Ladtkow	04/11/2013	Darlon R. Peterson	04/12/2013	Eric W. Larson	04/12/2013	William J. Dickhans	04/10/2013	Richard A. Willyard	04/29/2013	Jason A. Case	04/29/2013
Name	Execution Date																
James D. Brannan	04/12/2013																
Casey M. Ladtkow	04/11/2013																
Darlon R. Peterson	04/12/2013																
Eric W. Larson	04/12/2013																
William J. Dickhans	04/10/2013																
Richard A. Willyard	04/29/2013																
Jason A. Case	04/29/2013																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>Covidien LP</td> </tr> <tr> <td>Street Address:</td> <td>15 Hampshire Street</td> </tr> <tr> <td>City:</td> <td>Mansfield</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02048</td> </tr> </table>		Name:	Covidien LP	Street Address:	15 Hampshire Street	City:	Mansfield	State/Country:	MASSACHUSETTS	Postal Code:	02048						
Name:	Covidien LP																
Street Address:	15 Hampshire Street																
City:	Mansfield																
State/Country:	MASSACHUSETTS																
Postal Code:	02048																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13834581</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13834581												
Property Type	Number																
Application Number:	13834581																
CORRESPONDENCE DATA																	
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 303 530 6138</p> <p>Email: ebd.legal@covidien.com, docket@cdfslaw.com</p> <p>Correspondent Name: Covidien LP</p> <p>Address Line 1: 5920 Longbow Drive</p> <p>Address Line 2: Mail Stop A36</p> <p>Address Line 4: Boulder, COLORADO 80301-3299</p>																	
ATTORNEY DOCKET NUMBER:	H-IL-00077 (1988-77)																

CH \$40.00 13834581

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:

**Joseph D. Brannan
Casey M. Ladtkow
Darion R. Peterson
Eric W. Larson
William J. Dickhans
Richard A. Willyard
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 ENERGY-DELIVERY DEVICE AND SYSTEM

(Title)

and which is found in

- (a) ☒ U.S. application Serial No. 13/834,581 filed on March 15, 2013.
- (b) ☐ U.S. provisional application No. _____ filed on _____.
- (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.

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.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015



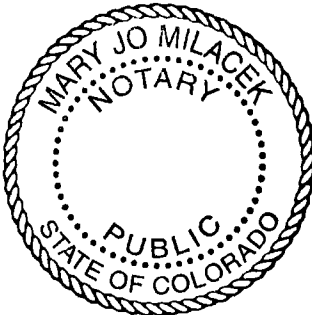
Casey M. Ladtkow

4/11/13

(Date)

State of Colorado)
) ss
County of Boulder)

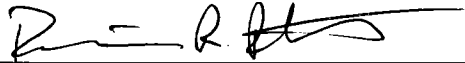
Before me this 11 day of April 2013, personally appeared **Casey M. Ladtkow** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015


Notary Public



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


Notary Public

Eric W. Larson
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.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

William J. Dickhans
William J. Dickhans

04/10/13
(Date)

State of Colorado)
) ss
County of Boulder)

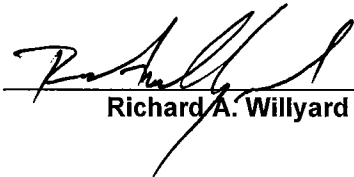
Before me this 10 day of April 2013, personally appeared **William J. Dickhans** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public


Richard A. Willyard

4-29-13
(Date)

State of Colorado)
) ss
County of Boulder)

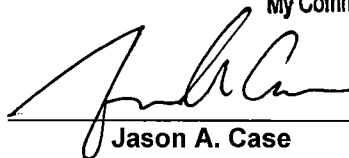
Before me this 29 day of April 2013, personally appeared **Richard A. Willyard** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.


Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015


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.


Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015