

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>David Price</td> <td>04/16/2013</td> </tr> <tr> <td>Anthony B. Ross</td> <td>04/11/2013</td> </tr> <tr> <td>David J. Van Tol</td> <td>04/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	David Price	04/16/2013	Anthony B. Ross	04/11/2013	David J. Van Tol	04/11/2013		
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Anthony B. Ross	04/11/2013										
David J. Van Tol	04/11/2013										
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
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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>13840432</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13840432						
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 303-530-6138 Email: ebd.iplegal@covidien.com Correspondent Name: Covidien LP Attn: IP Legal Address Line 1: 5920 Longbow Drive Address Line 2: Mail Stop A36 Address Line 4: Boulder, COLORADO 80301-3299											
ATTORNEY DOCKET NUMBER:	H-EB-00542 (203-9078)										
NAME OF SUBMITTER:	Stephen B. Perkins										
Signature:	/Stephen B. Perkins/										

Date:

04/22/2013

Total Attachments: 7

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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:

**Anthony B. Ross
David J. Van Tol
David Price**

(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:

**TEMPERATURE ESTIMATION AND TISSUE DETECTION OF AN ULTRASONIC DISSECTOR FROM
FREQUENCY RESPONSE MONITORING**

(Title)

and which is found in

- (a) ☒ U.S. application Serial No. 13/840,432 filed on March 15, 2013.
- (b) ☒ U.S. provisional application No. 61/658,081 filed on June 11, 2012
- ☒ U.S. provisional application No. 61/658,067 filed on June 11, 2012
- ☒ U.S. provisional application No. 61/658,045 filed on June 11, 2012
- (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.

Anthony B. Ross

(Date)

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2013, personally appeared **Anthony B. Ross** 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

David J. Van Tol


(Date)

State of Colorado)
) ss
County of Boulder)

Before me this _____ day of _____ 2013, personally appeared **David J. Van Tol** 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



David Price

4/16/13

(Date)

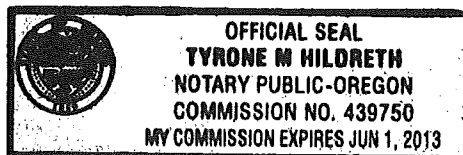
State of Oregon)
) ss
County of Multnomah)

Before me this 16th day of April 2013, personally appeared **David Price** 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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IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

Anthony B. Ross
Anthony B. Ross

4/11/13
(Date)

State of Colorado)
) ss
County of Boulder)

Before me this 11 day of April 2013, personally appeared **Anthony B. Ross** 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

D. J. Van Tol
David J. Van Tol

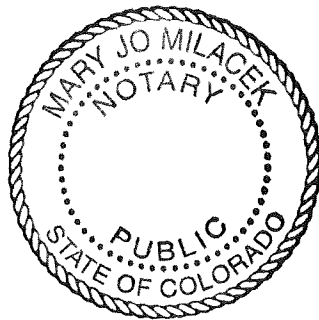
2013/4/11
(Date)

State of Colorado)
) ss
County of Boulder)

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Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

David Price

(Date)

State of)
) ss
County of)

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Notary Public

AFFIX SEAL

