

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2678202

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>ARLEN K. WARD</td> <td>12/11/2013</td> </tr> <tr> <td>JOE D. SARTOR</td> <td>12/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	ARLEN K. WARD	12/11/2013	JOE D. SARTOR	12/13/2013						
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ARLEN K. WARD	12/11/2013												
JOE D. SARTOR	12/13/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>COVIDIEN LP</td> </tr> <tr> <td>Street Address:</td> <td>5920 LONGBOW DRIVE</td> </tr> <tr> <td>Internal Address:</td> <td>MAIL STOP A36</td> </tr> <tr> <td>City:</td> <td>BOULDER</td> </tr> <tr> <td>State/Country:</td> <td>COLORADO</td> </tr> <tr> <td>Postal Code:</td> <td>80301</td> </tr> </table>		Name:	COVIDIEN LP	Street Address:	5920 LONGBOW DRIVE	Internal Address:	MAIL STOP A36	City:	BOULDER	State/Country:	COLORADO	Postal Code:	80301
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p>Phone: 303-530-6138</p> <p>Email: ebd.iplegal@covidien.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: COVIDIEN LP ATTN: IP LEGAL</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-US-02465 (203-7151)												
NAME OF SUBMITTER:	STEPHEN B. PERKINS												
Signature:	/Stephen B. PERKINS/ Reg. #45009												

Date:

01/13/2014

Total Attachments: 3

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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:

**Arlen K. Ward  
Joe D. Sartor**

(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:

**SYSTEM AND METHOD FOR BIOFILM REMEDIATION**

(Title)

and which is found in

- (a) ☒ U.S. application Serial No. 14/153,245 filed on January 13, 2014.
- (b) ☒ U.S. provisional application No. 61/780,369 filed on March 13, 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.

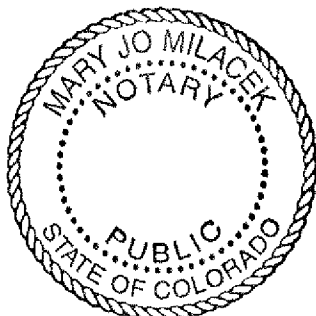
IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

  
Arlen K. Ward

11 Dec 13  
(Date)

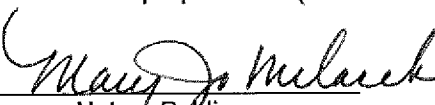
State of Colorado     )  
                                  ) ss  
County of Boulder    )

Before me this 11 day of December 2013, personally appeared **Arlen K. Ward** 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

Joe D. Sartor  
Joe D. Sartor

12-13-13  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder    )

Before me this 13 day of December 2013, personally appeared **Joe D. Sartor** 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