

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3917187

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MEHDI M. JAFARI	05/18/2016
MILENKO MASIC	06/14/2016
RHOMERE S. JIMENEZ	05/18/2016
JEFFREY K. AVIANO	05/18/2016
EDWARD R. MCCOY	05/18/2016
<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>	15152694
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	303 305 2400
<b>Email:</b>	ip.legal@covidien.com
<b>Correspondent Name:</b>	COVIDIEN LP
<b>Address Line 1:</b>	ATTN: IP LEGAL
<b>Address Line 2:</b>	6135 GUNBARREL AVENUE
<b>Address Line 4:</b>	BOULDER, COLORADO 80301
<b>ATTORNEY DOCKET NUMBER:</b>	H-RM-02493USCON
<b>NAME OF SUBMITTER:</b>	KATHLEEN E. OTT
<b>SIGNATURE:</b>	/Kathleen E. Ott/
<b>DATE SIGNED:</b>	06/14/2016
<b>Total Attachments: 7</b>	

source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page1.tif  
source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page2.tif  
source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page3.tif  
source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page4.tif  
source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page5.tif  
source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page6.tif  
source=2016\_06\_14\_ASSGNMT\_40572\_0169USC1#page7.tif

## ASSIGNMENT

WHEREAS, I (we), the undersigned

1. Mehdi M. Jafari;
2. Milenko Masic;
3. Rhomere S. Jimenez;
4. Jeffrey K. Aviano; and
5. Edward R. McCoy

(hereinafter, individually referred to as “ASSIGNOR” and collectively referred to as “ASSIGNORS”) am (are) inventor(s) of the subject matter which is claimed and for which a patent is sought based on the patent application entitled:

### **METHODS AND SYSTEMS FOR ADAPTIVE BASE FLOW**

(hereinafter, the “Patent Application”).

NOW THEREFORE, I (we), the ASSIGNOR(S), in consideration of my (our) past and/or present relationship with the ASSIGNEE (defined below) or an affiliate thereof, and for other good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, do hereby:

SELL, ASSIGN AND TRANSFER to **Covidien LP** (hereinafter, the “ASSIGNEE”), a legal entity of the **State of Delaware**, having a place of business at **15 Hampshire Street, Mansfield, MA 02048**, the entire right, title and interest for the United States and all foreign countries in and to the Patent Application and any and all invention(s) and improvement(s) which are disclosed in the Patent Application; all divisional, continuation, continuation-in-part, substitute, renewal, reissue, re-examinations, provisional, non-provisional, and all other applications for patent which have been or shall be filed in the United States and all foreign countries relating to such inventions and improvements; all original and reissued or re-examined patents which have been or shall be issued in the United States and all foreign countries for such inventions and improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on the Patent Application; and the right to sue for past, present and future infringement of any patents issuing from the Patent Application;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on the Patent Application to the ASSIGNEE;

AUTHORIZE the ASSIGNEE to apply for such patents for the invention in its own name;

WARRANT AND COVENANT that no assignment, grant, mortgage, lien, license or other encumbrance or agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the ASSIGNOR(S);

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, that the undersigned will (1) execute all divisional, continuation, continuation-in-part, substitute, renewal, reissue, re-examinations, provisional, non-provisional, and all other patent applications based on the Patent Application or based on such inventions and improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers relating to the foregoing; (3) communicate to the ASSIGNEE all facts known to the undersigned relating to the Patent Application, including any and all inventions and improvements disclosed therein and the history relating thereto; (4) cooperate with the ASSIGNEE in any interference, opposition, dispute, litigation, or other proceeding involving any of the applications or patents for such inventions and improvements, including but not limited to testifying; and (5) generally do everything possible which the ASSIGNEE shall consider desirable for vesting title to the Patent Application and such inventions and improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such inventions and improvements; and

AGREE THAT THIS ASSIGNMENT IS BINDING upon the heirs, assigns, representatives and successors of the undersigned and extends to the successors, assigns and nominees of the ASSIGNEE.

(Signature): M. M. Jafari  
Inventor Name: Mehdi M. Jafari

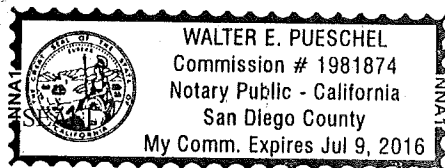
Date: 5/18/16

STATE OF California §

§ ss.

COUNTY OF San Diego §

BEFORE ME, the undersigned authority, on this 18th day of MAY, 2016, personally appeared Mehdi M. Jafari known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he/~~she~~ executed the same of his/~~her~~ own free will for the purposes and consideration therein expressed.



[Signature]  
Notary Public

(Signature):   
 Inventor Name: Milenko Masic

Date: 06/14/2016

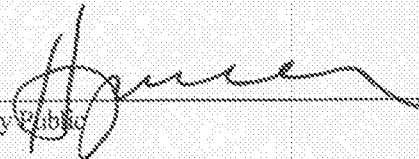
STATE OF California §

§ ss.

COUNTY OF SAN DIEGO §

BEFORE ME, the undersigned authority, on this 14<sup>th</sup> day of JUNE, 2016, personally appeared Milenko Masic known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]

  
 Notary Public

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )

County of SAN DIEGO )

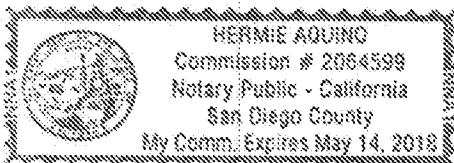
On JUNE 14, 2016 before me, HERMIE AQUINO, NOTARY PUBLIC  
Date Here Insert Name and Title of the Officer

personally appeared MILENKO MASIC  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document ASSIGNMENT - ATTORNEY DOCKET NO. H-AM-13493USCON1

Title or Type of Document: 40572-01690 SCT Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: MILENKO MASIC

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☒ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer — Title(s): \_\_\_\_\_


☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

(Signature):   
Inventor Name: Rhomere S. Jimenez

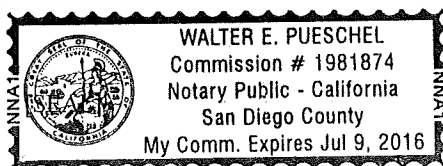
Date: 05-18-2016

STATE OF California §

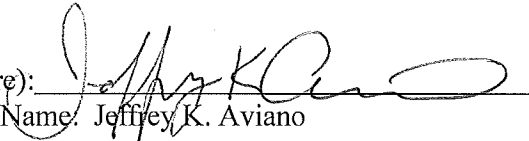
§ ss.

COUNTY OF San Diego §

BEFORE ME, the undersigned authority, on this 18TH day of MAY, 2016, personally appeared Rhomere S. Jimenez known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



  
Notary Public

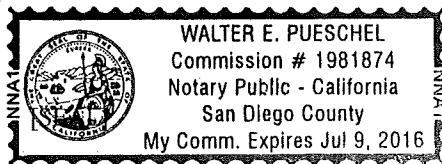
(Signature):   
Inventor Name: Jeffrey K. Aviano

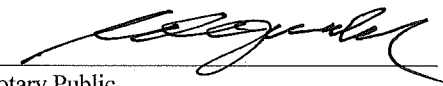
Date: 18 MAY 2016

STATE OF California §

§ ss.  
COUNTY OF San Diego §

BEFORE ME, the undersigned authority, on this 18TH day of MAY, 2016, personally appeared Jeffrey K. Aviano known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



  
Notary Public



(Signature):

Inventor Name: Edward R. McCoy

Date:

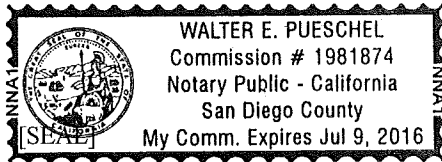
18-MAY-2010

STATE OF California §

§ ss.

COUNTY OF San Diego §

BEFORE ME, the undersigned authority, on this 18TH day of MAY, 2016, personally appeared Edward R. McCoy known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



Notary Public