

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4012840

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DEIRDRE MELDRUM	12/02/2014
	LAIMONAS KELBAUSKAS	11/13/2014
	JEFF HOUKAL	12/07/2014
	ROGER JOHNSON	11/19/2014
	YANQING TIAN	11/14/2014
	CODY YOUNGBULL	06/22/2016
RECEIVING PARTY DATA		
Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY	
Street Address:	1475 NORTH SCOTTSDALE ROAD, SUITE 200	
City:	SCOTTSDALE	
State/Country:	ARIZONA	
Postal Code:	85257-3538	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14538557
CORRESPONDENCE DATA		
Fax Number:	(520)770-2237	
<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:	520-770-8700	
Email:	alice.vanicek@quarles.com	
Correspondent Name:	QUARLES & BRADY LLP ATTN: IP DOCKET	
Address Line 1:	ONE SOUTH CHURCH AVENUE, SUITE 1700	
Address Line 4:	TUCSON, ARIZONA 85701-1621	
ATTORNEY DOCKET NUMBER:	112624.00526	
NAME OF SUBMITTER:	GAVIN J. MILCZAREK-DESAI	
SIGNATURE:	/Gavin J. Milczarek-Desai/	
DATE SIGNED:	08/18/2016	

Total Attachments: 12

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source=Assignment#page12.tif

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we,

DEIRDRE MELDRUM, (Assignor) of Phoenix, Arizona,
LAIMONAS KELBAUSKAS (Assignor) of Gilbert, Arizona,
JEFF HOUKAL, (Assignor) of Los Angeles, California,
ROGER JOHNSON, (Assignor) of Phoenix, Arizona,
YANQING TIAN, (Assignor) of Tempe, Arizona, and
CODY YOUNGBULL, (Assignor) of Tempe, Arizona,

have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto **ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY** (Assignee), a non-profit organization of the State of Arizona, having its principal office in Scottsdale, State of Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled **ENDOSCOPE FOR ANALYTE CONSUMPTION RATE DETERMINATION WITH SINGLE CELL RESOLUTION FOR IN VIVO APPLICATIONS**, which is described, illustrated, and claimed in an application for Letters Patent of the United States of America, Application No. **14/538,557**, filed on **November 11, 2014**, claiming the benefit of U.S. Provisional Patent Application No. **61/903,610**, filed on November 13, 2013, together with the entire right, title and interest in and to the US application, and in and to any application for patent filed in any country claiming priority to, claiming the invention described in, or otherwise based on the US application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may grant from such application(s).

We hereby authorize and request all government authorities in any country to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to Assignee, for the sole use and behalf of Assignee, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by us had this assignment not been made.

We agree that, when requested, we will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in Assignee, its successors, assigns, and legal representatives or nominees.

We covenant with Assignee, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.


Signature by: Deirdre Meldrum

Dec. 2, 2014
Date

Signature by: Laimonas Kelbauskas

Date

Signature by: Jeff Houkal

Date

Signature by: Roger Johnson

Date

Signature by: Yanqing Tian

Date

Signature by: Cody Youngbull

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12/7/14
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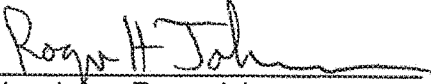
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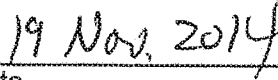
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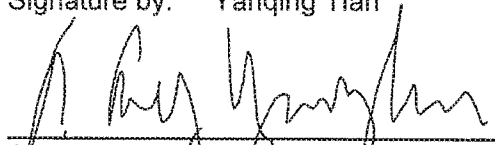
Date

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Signature by: Cody Youngbull

6/22/2016

Date