Electronic Version v1.1

Stylesheet Version v1.1

NATURE OF CONV	EYANCE:		ASSIGNMENT		
CONVEYING PART	Y DATA				
		Name	Execution Date		
Mark Shirtliff		11/11/2008			
Rebecca Brady			11/11/2008		
RECEIVING PARTY	′ DATA				
Name:	University of Maryland, Baltimore, a constituent institution of the University System of Maryland (which is a public corporation and an instrumentality of the State of Maryland)				
Street Address:	660 W. Redwood Street				
Internal Address:	HH Room 324				
City:	Baltimore				
State/Country:	MARYLAND				
Postal Code:	20705				
Property Type Application Number:		Number 60952786			
Application Number:		60874258			
PCT Number:		US0871633			
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	(312)913-				
Correspondence wi	ll be sent via US N	Nail when the fax attempt is unsucce	essful.		
Phone:	<i>Il be sent via US N</i> 312-913-0	<i>Aail when the fax attempt is unsucce</i> 0001	essful.		
<i>Correspondence wi</i> Phone: Email:	<i>II be sent via US N</i> 312-913-0 harper@n	<i>fail when the fax attempt is unsucce</i> 0001 nbhb.com	essful.		
<i>Correspondence wi</i> Phone:	Il be sent via US M 312-913-0 harper@n ne: McDonne	<i>Aail when the fax attempt is unsucce</i> 0001	essful.		
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<i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1:	Il be sent via US N 312-913-0 harper@n e: McDonne 300 South Suite 310	<i>Mail when the fax attempt is unsucce</i> 0001 mbhb.com Il Boehnen Hulbert & Berghoff LLP n Wacker Drive	essful.		
<i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	Il be sent via US N 312-913-0 harper@n e: McDonne 300 South Suite 310 Chicago,	<i>Mail when the fax attempt is unsucce</i> 0001 mbhb.com Il Boehnen Hulbert & Berghoff LLP n Wacker Drive 0	essful.		
<i>Correspondence wir</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	Il be sent via US N 312-913-0 harper@n e: McDonne 300 South Suite 310 Chicago,	<i>Mail when the fax attempt is unsucce</i> 0001 mbhb.com Il Boehnen Hulbert & Berghoff LLP n Wacker Drive 0 ILLINOIS 60606	PATENT		

Total Attachments: 2

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In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Mark Shirtliff and Rebecca Brady ("Assignor") hereby sells and assigns to the University of Maryland, Baltimore, a constituent institution of the University System of Maryland (which is a public corporation and an instrumentality of the State of Maryland) ("Assignee"), his/her entire right, title, and interest in the invention "Methods and Devices for the Detection of Biofilm"

check applicable space(s)

[X] for the United States of America (as defined in 35 U.S.C. §100)

[X] and throughout the world,

for which application(s) for patent was made in the United States of America on July 30, 2007 (also known as U. S. provisional-patent-application-serial-number 60/952,786)-and-on-September 21, 2007 (also known-as-U.S. Provisional-application serial number 60/874,258) and under the Patent Cooperation Treaty on July 30, 2008 (also known as international patent application number PCT/US08/71633) and in-any and all non-provisional and/or international or foreign patent applications thereon, continuing patent applications thereon (including without limitation substitutions, divisionals, continuations, and continuations-in-part), patents or Letters Patent issued therefrom, and reissues, extensions, renewals, and reexaminations of such applications or patents (collectively, the "Patents and Patent Applications"), to the full end of the term or terms for which such patent(s) issue, such entire right, title and interest to be held and enjoyed by Assignee to the same extent as they would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor agrees to execute all papers necessary in connection with the Patents and Patent Applications. Assignor also agrees to execute separate Assignments in connection with the Patents and Patent Applications, as Assignee may deem necessary or expedient. Assignor agrees to execute all papers necessary in connection with any interference or enforcement that may be declared concerning the Patents and Patent Applications, and Assignor agrees to cooperate with Assignee in every way possible in obtaining evidence and proceeding with such interference or enforcement.

Assignor hereby represents and warrants that he/she has full right to convey his/her entire interest herein assigned, and that he/she has not executed and will not execute any agreement or other document in conflict therewith.

IN WITNESS WHEREOF, executed by Assignor on the date opposite his/her name.

Nov 11 Date

ASSIGNOR: <u>Mar</u> Print Name

Address:

2901 Ebbwood Drive

Ellicott City, MD 21042

STATE OF COUNTY

I HEREBY CERTIFY, that on this $//4^{n}$ day of $//6^{n}$, 200^{0} , before me, Notary Public of the State of whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

[SEAL]

My Commission Expires: 8/2/2010

Notary Public

11 08

ASSIGNOR:

Brad

Rebecca Brady

Address:

11232 Evans Trail, Apt. 202

Beltsville, MD 20705

IAN STATE OF) BAltimm -CITY / COUNTY

I HEREBY CERTIFY, that on this <u>1</u> day of <u>100</u>, 20<u>08</u>, before me, Notary Public of the State of <u>100</u>, personally appeared **Rebecca Brady**, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

[SEAL]

Notary Public 8/21/2011

)

My Commission Expires:

A A A A A A A A A A A A A A A A A A A
GAIL KNOTT
Notary Public
Baltimore County, MD
My Commission Expires 8/21/2010

MS-2008-064 PCT Assignment

PATENT REEL: 021822 FRAME: 0572

RECORDED: 11/12/2008