#### 502464874 08/20/2013

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Rebecca Brady	11/11/2008
Mark Shirtliff	11/11/2008

### **RECEIVING PARTY DATA**

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# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12671398

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ATTORNEY DOCKET NUMBER:	UMB-001US2
NAME OF SUBMITTER:	Daniel J. Nevrivy
Signature:	/Daniel J. Nevrivy/

REEL: 031046 FRAME: 0241

**PATENT** 

Date:	08/20/2013
Total Attachments: 2 source=Brady_Shirliff_assignment_1#page1.tif source=Brady_Shirliff_assignment_1#page2.tif	

PATENT REEL: 031046 FRAME: 0242



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.

	ASSIGNOR:)
Nov II , 2008 Date	Mark Shirtliff Print Name
•	Address:
	2901 Ebbwood Drive
	Ellicott City, MD 21042
•	
STATE OF MAY AND STATE OF MAY AND ETTY COUNT OF THE REBY CERTIFY, that on this may be a personally appeared whose name is subscribed to the within instruction of the same as for the purposes contained therein.	day of, 20_6, before me, Notary Public of the State of Mark Shirtliff, known to me (or satisfactorily proven) to be the person ment, and acknowledged that, being authorized to do so, he or she executed
IN WITNESS WHEREOF, I have her	reunto set my hand and official seal the day and year last above-mentioned.
[SEAL]	Notary Public Services
My Commission Expires: 8/3/1900	· U
MO COOR ORA DOT Assissant	GAIL KNOTT Notary Public Baltimore County, ME My Commission Expires 8/21/2010

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1) 11 08	ASSIGNOR: RoberterBradg
	Rebecca Brady Print Name
	Address:
	11232 Evans Trail, Apt. 202
	Beltsville, MD 20705
STATE OF MAY MAY OF COUNTY COUNTY OF THEREBY CERTIFY, that on this MAY MAY personally appeared whose name is subscribed to the within instruction the same as for the purposes contained therein.	day of, 2008, before me, Notary Public of the State of Rebecca Brady, known to me (or satisfactorily proven) to be the person ment, and acknowledged that, being authorized to do so, he or she executed
[SEAL]	reunto set my hand and official seal the day and year last above-mentioned.  Notary Public  Notary Public
My Commission Expires:	GAIL KNOTT Notary Public Baltimore County, MD My Commission Expires 8/21/2010

MS-2008-064 PCT Assignment

UMB Docket No: MS-2008-064

**PATENT REEL: 031046 FRAME: 0244** 

**RECORDED: 08/20/2013**