

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Stefanie Vogel	06/06/2011
Jorge Blanco	06/16/2011
Zachary Roberts	06/29/2011
<b>RECEIVING PARTY DATA</b>	
Name:	University of Maryland, Baltimore
Street Address:	620 W. Lexington Street, 4th floor
Internal Address:	Office of Research & Development
City:	Baltimore
State/Country:	MARYLAND
Postal Code:	21201
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13047385
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(410)706-1066
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	410-706-2380
Email:	gknot001@umaryland.edu
Correspondent Name:	Gail Knott
Address Line 1:	620 W. Lexington Street, 4th floor
Address Line 2:	Office of Research & Development
Address Line 4:	BALTIMORE, MARYLAND 21201
ATTORNEY DOCKET NUMBER:	2108.0004DIV
NAME OF SUBMITTER:	Gail Knott
Total Attachments: 3 source=SV-2007-022USDIVassignment#page1.tif source=SV-2007-022USDIVassignment#page2.tif source=SV-2007-022USDIVassignment#page3.tif	

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ASSIGNMENT

In consideration of UMB's agreement to consider Assignors as "UMB Inventors" who are entitled to revenue distributions under the University System of Maryland Policy on Intellectual Property, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Stefanie Vogel, Zachary Roberts and Jorge Blanco ("Assignors") hereby sells, assigns, and transfers 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) ("UMB"), their entire right, title, and interest in and to the invention known as "[Title]" (the "Invention"):

check applicable space(s) [X] for the United States of America (as defined in 35 U.S.C. §100) [ ] and throughout the world,

for which application(s) for patent was/were made in the United States of America on November 9, 2006 (also known as U.S. provisional patent application serial number 60/864,991 and on November 7, 2007 (also known as U.S. Non-Provisional application serial number 11/936,656, now abandoned), and on November 8, 2007 (also known as U.S. Non-Provisional application serial number 11/937,129, and on March 14, 2011 (also known as U.S. Divisional application serial number 13/047,385) and in any and all non-provisional, 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.

Such entire right, title, and interest in the Invention are to be held and enjoyed by UMB to the same extent as they would have been held and enjoyed by Assignors had this Assignment not been made, to the full end of the term or terms for which any such patent(s) issue. Assignors hereby represents and warrants that they have full right to convey their right, title, and interest in the Invention herein assigned, and that they have not executed and will not execute any agreement or other document in conflict therewith.

Assignors agree to execute and deliver separate Assignments, patent applications, and other documents necessary or expedient in connection with, and to cooperate with and to assist UMB in connection with: further perfecting the assignment of the Invention to UMB; UMB's preparation, filing, prosecution (including without limitation defense in interference proceedings, reexaminations, or litigation), enforcement, and/or maintenance of the patents and patent applications; or for UMB to protect and commercialize its intellectual property right, title, and interests in the Invention (including without limitation copyright and/or trademarks).

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

ASSIGNOR:

Date June 6, 2011

Stefanie Vogel (SEAL) Stefanie Vogel (print name)

Address: 10061 Cape Ann Drive Columbia, MD 21046

STATE OF MARYLAND ) CITY/COUNTY OF HOWARD )

I HEREBY CERTIFY, that on this 6th day of June, 2011, before me, Notary Public of the State of MARYLAND, personally appeared Stefanie Vogel, 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]

Donna Adams Bower Notary Public

My Commission Expires: 10/16/2013

June 29, 2011

Date

ASSIGNOR:

[Signature] (SEAL)

Zachary Roberts  
(print name)

Address:

21 Trenton Street, Unit 2  
Charlestown, MA 02129

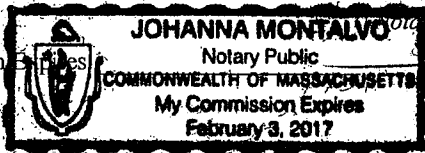
STATE OF Massachusetts )  
CITY / COUNTY OF Suffolk )

I HEREBY CERTIFY, that on this 29th day of June, 2011, before me, Notary Public of the State of Massachusetts, personally appeared Zachary Roberts, 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]

My Commission Expires



[Signature]  
Notary Public

ASSIGNOR:

\_\_\_\_\_ (SEAL)

Date

Jorge Blanco  
(print name)

Address:

1939 Lamont Street, N.W.  
Washington, D.C. 20010

STATE OF \_\_\_\_\_ )  
CITY / COUNTY OF \_\_\_\_\_ )

I HEREBY CERTIFY, that on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, Notary Public of the State of \_\_\_\_\_, personally appeared Jorge Blanco, 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

My Commission Expires: \_\_\_\_\_

ASSIGNOR:

Date

(SEAL)

Zachary Roberts  
(print name)

Address:

21 Trenton Street, Unit 2  
Charlestown, MA 02129

STATE OF \_\_\_\_\_ )  
CITY / COUNTY OF \_\_\_\_\_ )

I HEREBY CERTIFY, that on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, Notary Public of the State of \_\_\_\_\_, personally appeared **Zachary Roberts**, 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

My Commission Expires: \_\_\_\_\_

ASSIGNOR:

Date

6/16/2011

Jorge Blanco (SEAL)  
(print name)

Address:

1939 Lamont Street, N.W.  
Washington, D.C. 20010

STATE OF Maryland )  
CITY / COUNTY OF Fredrick )

I HEREBY CERTIFY, that on this 16 day of June, 2011, before me, Notary Public of the State of Maryland, personally appeared **Jorge Blanco**, 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]

William Yu  
Notary Public

My Commission Expires: 6/3/12

